

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082473.D
 Acq On : 23 Oct 2015 18:58
 Operator : UM/IZ
 Sample : PB86215BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Quant Time: Oct 24 04:50:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	104416	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	413959	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	205028	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	402158	20.00	ng	0.00
75) Chrysene-d12	13.96	240	355334	20.00	ng	0.00
86) Perylene-d12	15.43	264	291497	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	589942	114.03	ng	0.01
7) Phenol-d6	6.41	99	782163	116.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	460506	74.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	180648	93.95	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	992250	80.26	ng	-0.01
78) Terphenyl-d14	12.88	244	1066653	79.55	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	74348	28.60	ng	97
3) Pyridine	3.04	79	201066	33.26	ng	95
4) n-Nitrosodimethylamine	3.01	42	91201	35.57	ng	99
6) Aniline	6.42	93	210279	24.22	ng	# 1
8) 2-Chlorophenol	6.54	128	227439	36.01	ng	# 81
9) Benzaldehyde	6.30	77	88042	25.61	ng	97
10) Phenol	6.42	94	305128	39.31	ng	96
11) bis(2-Chloroethyl)ether	6.49	93	221517	33.75	ng	90
12) 1,3-Dichlorobenzene	6.69	146	253780	34.50	ng	96
13) 1,4-Dichlorobenzene	6.77	146	259015	33.72	ng	98
14) 1,2-Dichlorobenzene	6.77	146	260838	35.76	ng	95
15) Benzyl Alcohol	6.91	79	180804	38.90	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	316376	34.61	ng	84
17) 2-Methylphenol	7.03	107	191870	38.42	ng	94
18) Hexachloroethane	7.26	117	89485	34.03	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	164104	34.71	ng	# 90
20) 3+4-Methylphenols	7.19	107	244781	41.13	ng	# 60
22) Acetophenone	7.18	105	317277	38.75	ng	# 89
24) Nitrobenzene	7.35	77	251018	37.62	ng	# 89
25) Isophorone	7.59	82	455009	36.57	ng	96
26) 2-Nitrophenol	7.67	139	127422	38.25	ng	93
27) 2,4-Dimethylphenol	7.71	122	225316	41.98	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	277293	38.31	ng	98
29) 2,4-Dichlorophenol	7.91	162	212044	39.52	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	225075	36.39	ng	97
31) Naphthalene	8.07	128	674137	37.57	ng	99
32) Benzoic acid	7.85	122	115244	31.99	ng	97
33) 4-Chloroaniline	8.13	127	154720	20.76	ng	96
34) Hexachlorobutadiene	8.18	225	129531	33.61	ng	97
35) Caprolactam	8.50	113	60786	39.03	ng	# 79
36) 4-Chloro-3-methylphenol	8.62	107	209455	39.92	ng	98
37) 2-Methylnaphthalene	8.75	142	465618	37.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	239811	39.32	ng	99
40) Hexachlorocyclopentadiene	8.90	237	153623	52.92	ng	98

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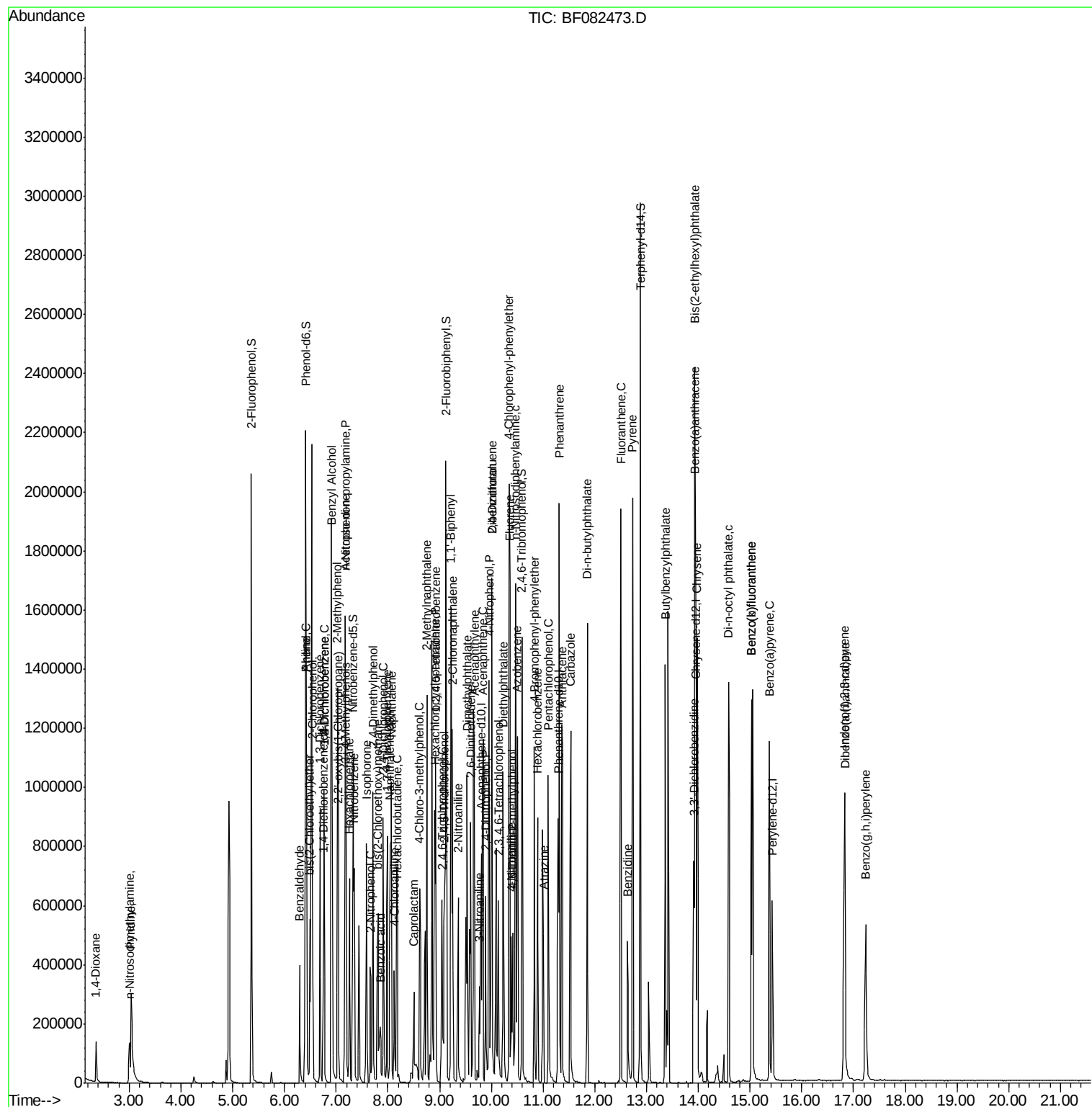
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	148143	36.57	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	157256	35.84	nq	95
45) 1,1'-Biphenyl	9.22	154	573006	36.65	nq	97
46) 2-Chloronaphthalene	9.25	162	447779	36.38	nq	94
47) 2-Nitroaniline	9.36	65	139645	41.33	nq	# 69
48) Acenaphthylene	9.67	152	748734	39.05	nq	99
49) Dimethylphthalate	9.53	163	540120	37.41	nq	100
50) 2,6-Dinitrotoluene	9.60	165	123744	40.62	nq	91
51) Acenaphthene	9.84	154	420309	36.52	nq	99
52) 3-Nitroaniline	9.77	138	75892	22.06	nq	99
53) 2,4-Dinitrophenol	9.89	184	110085	65.89	nq	96
54) Dibenzofuran	10.01	168	669697	42.38	nq	98
55) 4-Nitrophenol	9.95	139	130003	60.57	nq	89
56) 2,4-Dinitrotoluene	10.01	165	158642	41.67	nq	90
57) Fluorene	10.35	166	549674	42.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	132128	36.86	nq	95
59) Diethylphthalate	10.23	149	523772	38.92	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	239285	40.25	nq	96
61) 4-Nitroaniline	10.39	138	120415	36.08	nq	96
62) Azobenzene	10.50	77	526587	39.98	nq	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	84936	37.63	nq	# 53
65) n-Nitrosodiphenylamine	10.47	169	464375	38.57	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	154135	38.30	nq	98
67) Hexachlorobenzene	10.89	284	150608	34.60	nq	# 56
68) Atrazine	11.01	200	154101	40.40	nq	92
69) Pentachlorophenol	11.10	266	148937	66.50	nq	97
70) Phenanthrene	11.31	178	802917	40.73	nq	100
71) Anthracene	11.37	178	820886	40.41	nq	99
72) Carbazole	11.53	167	729712	39.38	nq	97
73) Di-n-butylphthalate	11.85	149	859329	37.59	nq	100
74) Fluoranthene	12.50	202	856346	40.45	nq	99
76) Benzidine	12.63	184	324790	31.54	nq	99
77) Pyrene	12.73	202	838139	39.75	nq	99
79) Butylbenzylphthalate	13.36	149	403042	41.88	nq	90
80) Benzo(a)anthracene	13.94	228	728108	39.38	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	186203	26.53	nq	98
82) Chrysene	13.98	228	628550	32.27	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	524742	38.22	nq	99
84) Di-n-octyl phthalate	14.58	149	917777	38.92	nq	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	575433	37.16	nq	98
87) Benzo(b)fluoranthene	15.03	252	1282897	72.34	nq	98
88) Benzo(k)fluoranthene	15.03	252	1283752	86.12	nq	100
89) Benzo(a)pyrene	15.37	252	597327	39.19	nq	99
90) Dibenzo(a,h)anthracene	16.84	278	486647	38.96	nq	98
91) Benzo(g,h,i)perylene	17.24	276	458082	37.75	nq	98

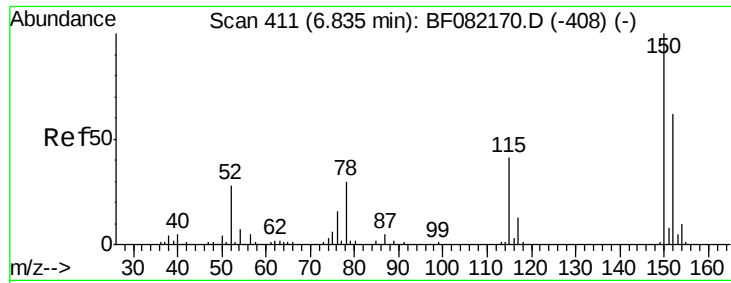
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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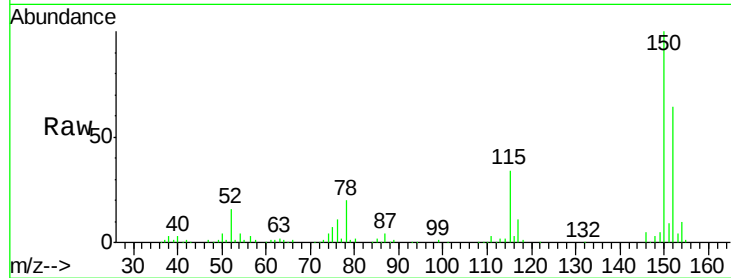


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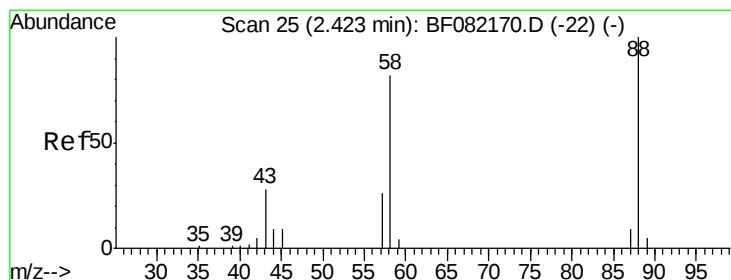
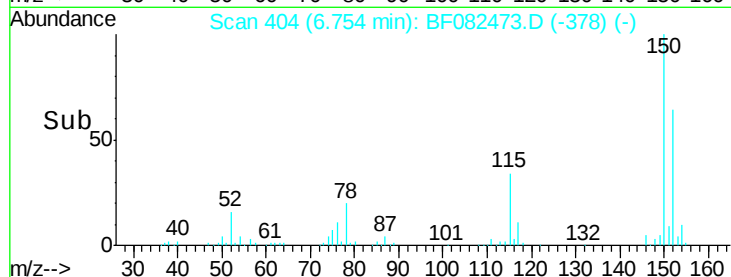
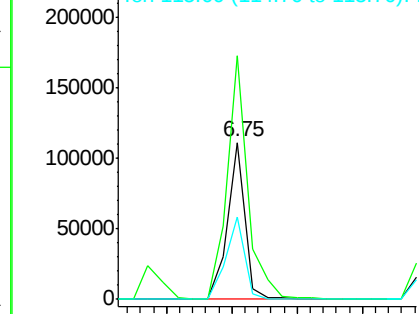
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:152 Resp: 104416
Ion Ratio Lower Upper
152 100
150 155.5 129.0 193.4
115 52.9 52.1 78.1



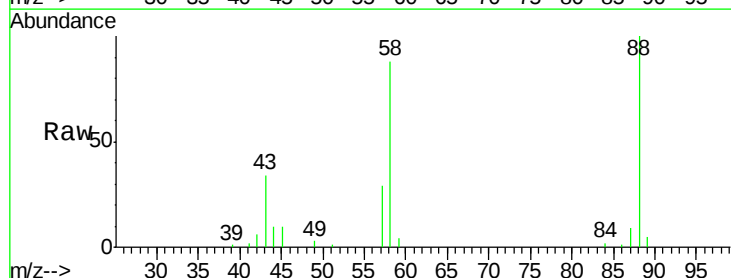
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



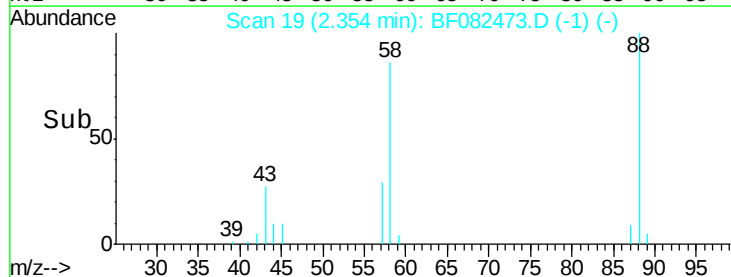
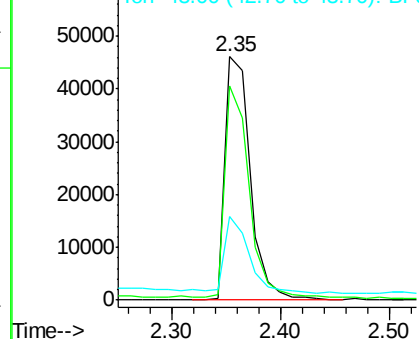
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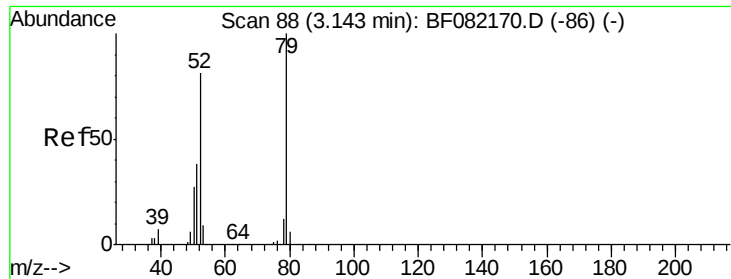
1,4-Dioxane
Concen: 28.60 ng
RT: 2.35 min Scan# 19
Delta R.T. 0.09 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion: 88 Resp: 74348
Ion Ratio Lower Upper
88 100
58 84.1 66.2 99.4
43 31.9 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.26 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

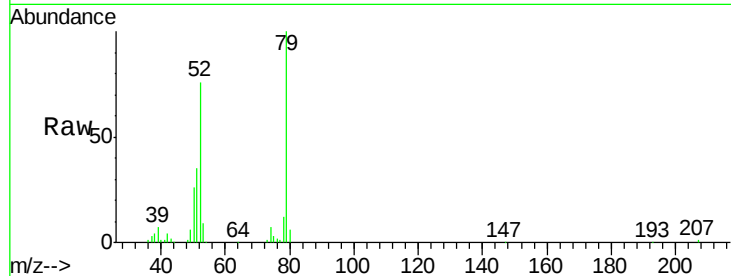
Tot Ion: 79 Resp: 201066

Ion Ratio Lower Upper

79 100

52 76.3 64.4 96.6

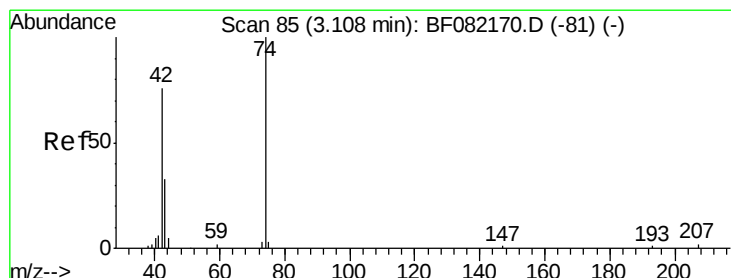
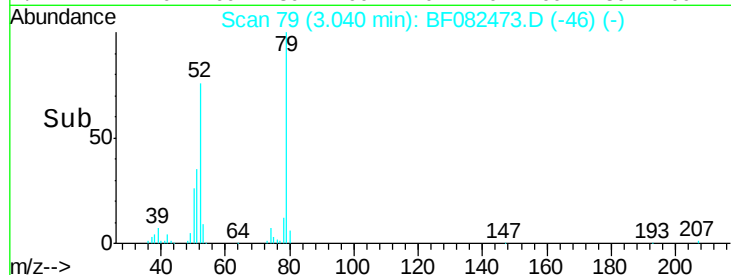
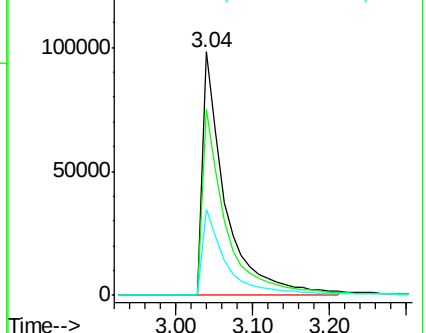
51 35.5 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.57 ng

RT: 3.01 min Scan# 76

Delta R.T. 0.07 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

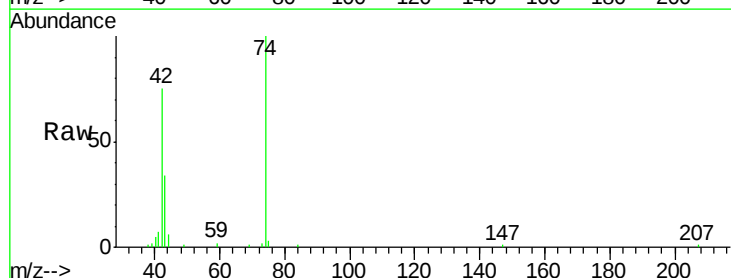
Tgt Ion: 42 Resp: 91201

Ion Ratio Lower Upper

42 100

74 133.1 105.7 158.5

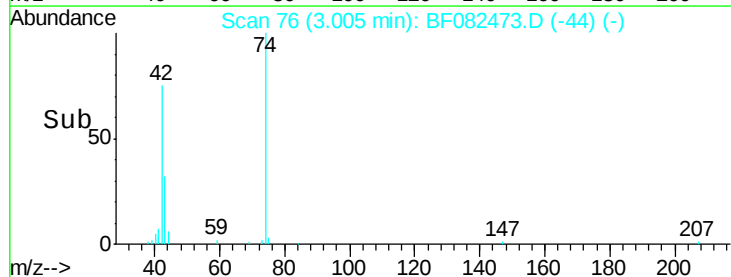
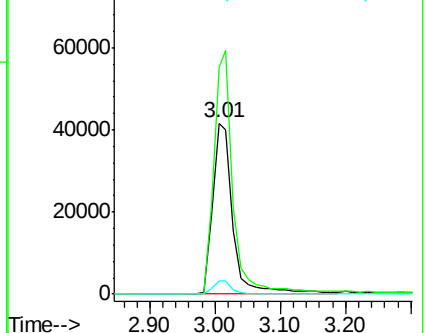
44 7.4 5.4 8.2

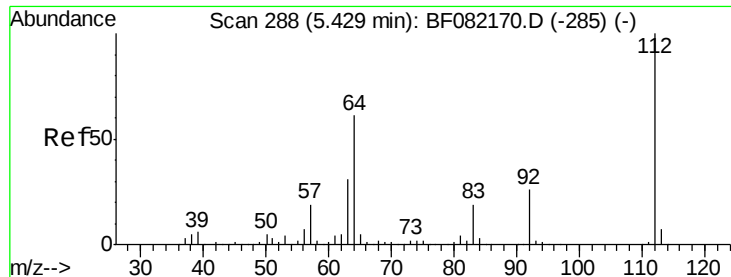


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.03 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

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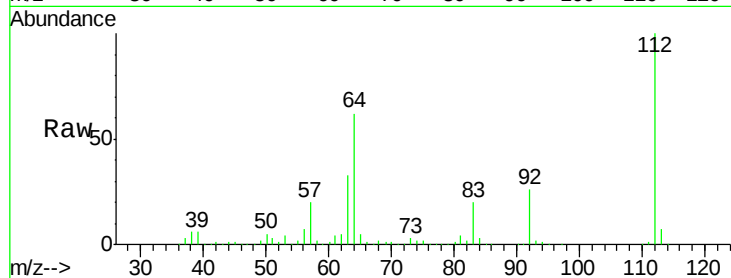
Tot Ion:112 Resp: 589942

Ion Ratio Lower Upper

112 100

64 62.5 48.6 73.0

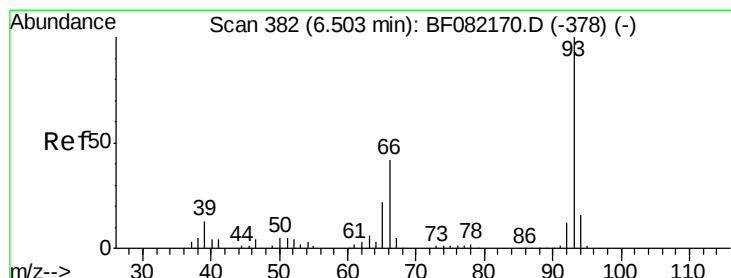
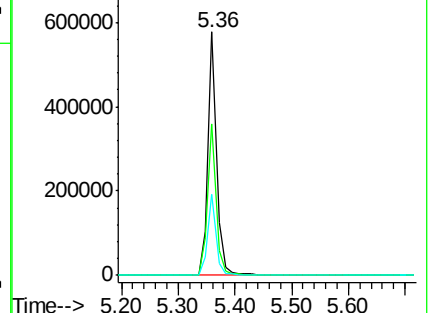
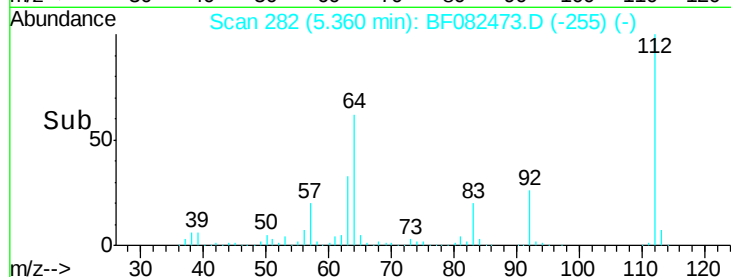
63 33.5 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.22 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

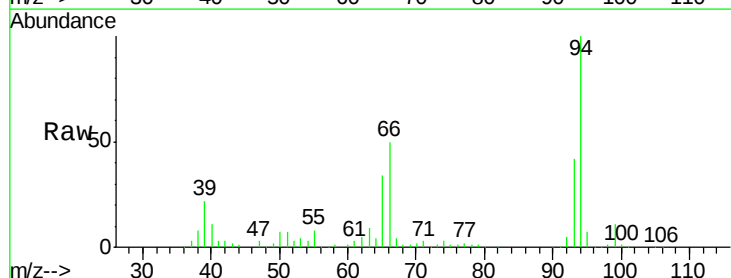
Tgt Ion: 93 Resp: 210279

Ion Ratio Lower Upper

93 100

66 119.7 34.2 51.2#

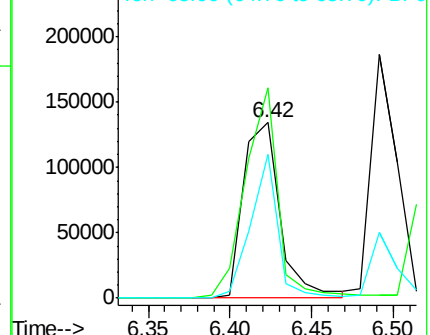
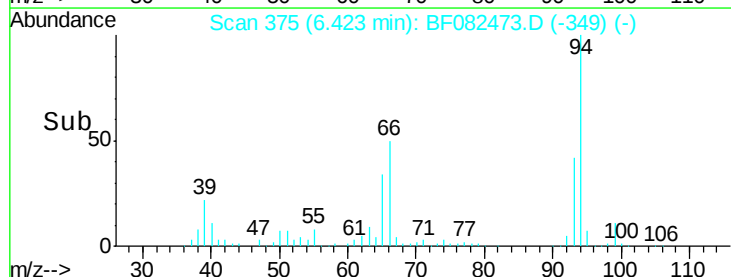
65 81.6 17.9 26.9#

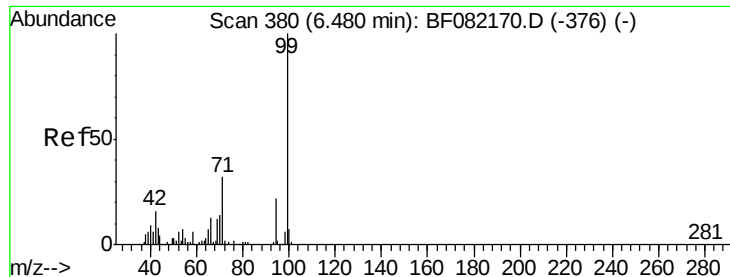


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.17 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.00 min

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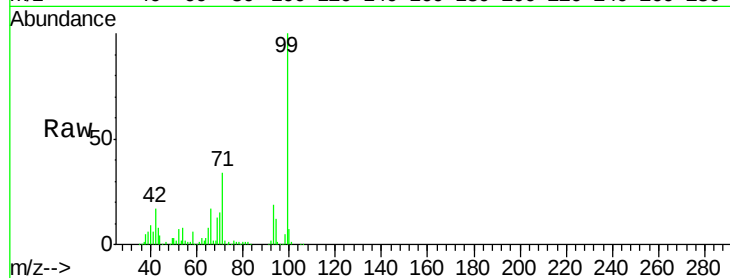
Tot Ion: 99 Resp: 782163

Ion Ratio Lower Upper

99 100

42 16.7 13.2 19.8

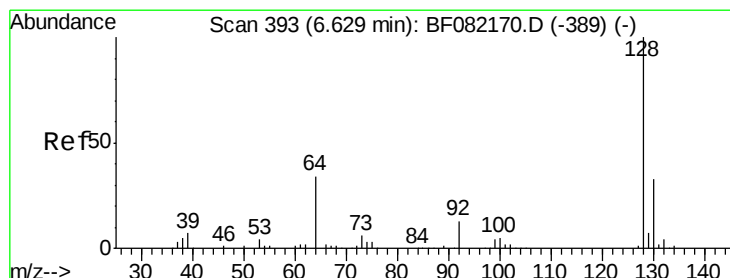
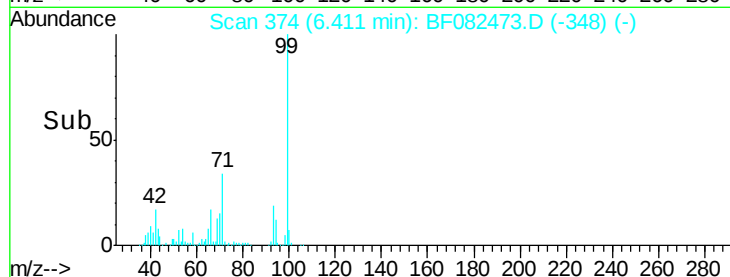
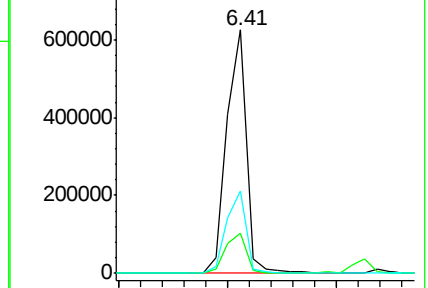
71 33.8 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.01 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

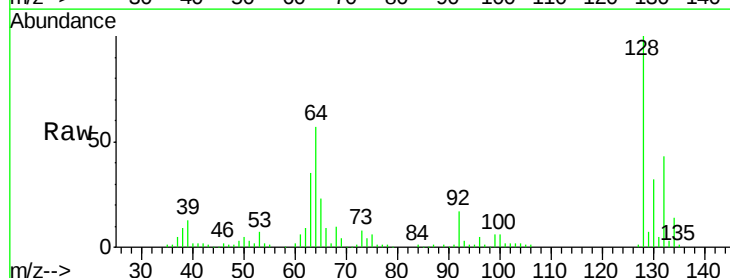
Tgt Ion: 128 Resp: 227439

Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

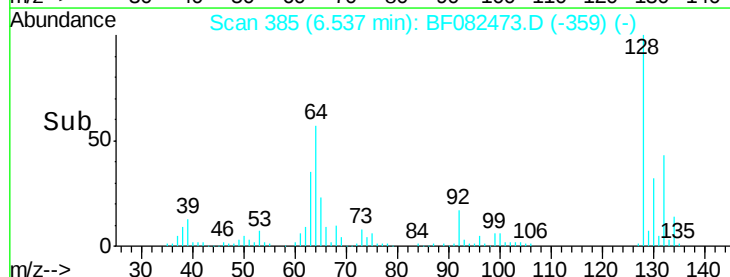
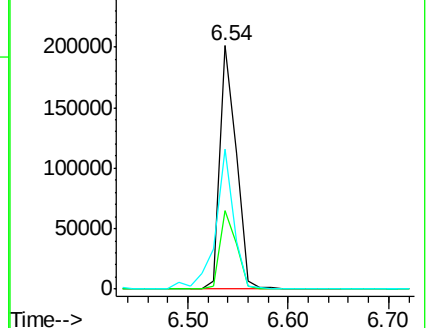
64 57.3 16.7 56.7#

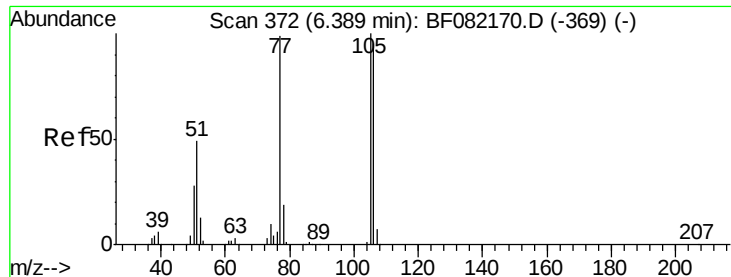


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.61 ng

RT: 6.30 min Scan# 364

Delta R.T. -0.00 min

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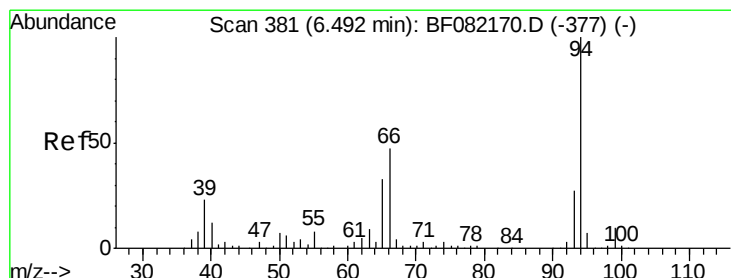
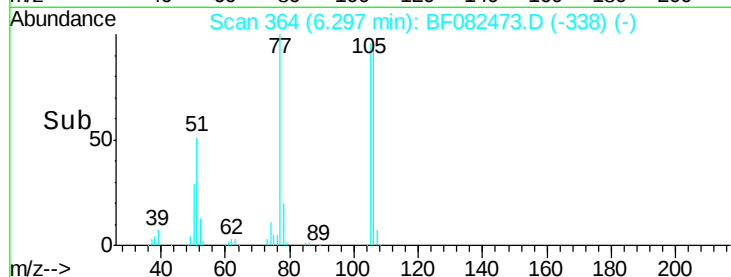
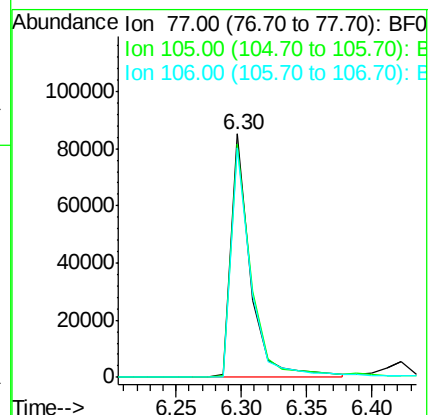
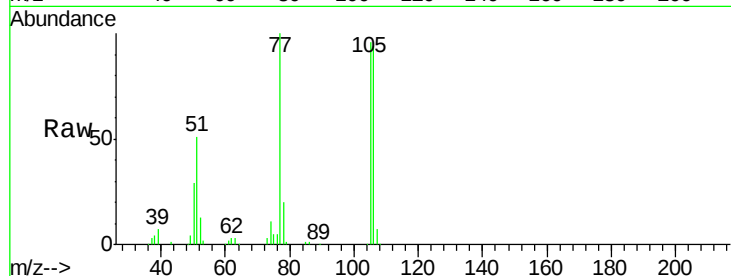
Tot Ion: 77 Resp: 88042

Ion Ratio Lower Upper

77 100

105 95.9 80.6 120.6

106 94.3 75.5 115.5



#10

Phenol

Concen: 39.31 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

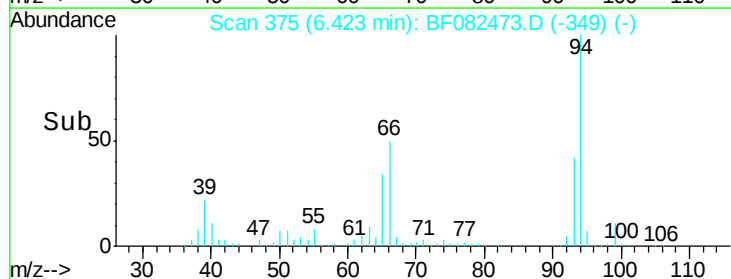
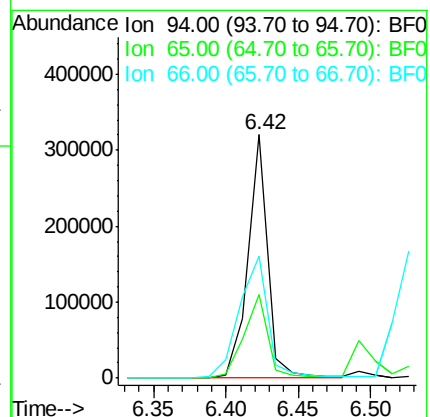
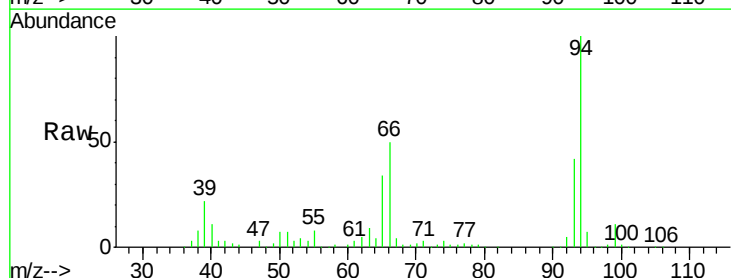
Tgt Ion: 94 Resp: 305128

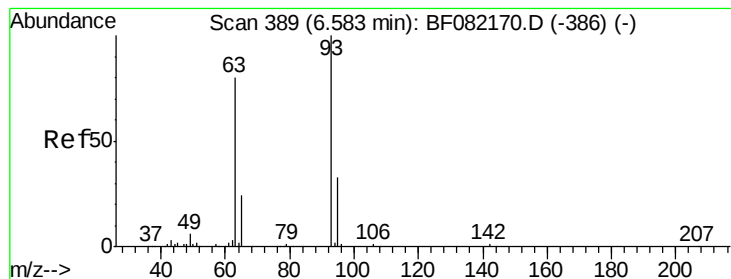
Ion Ratio Lower Upper

94 100

65 34.2 12.6 52.6

66 50.2 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 33.75 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

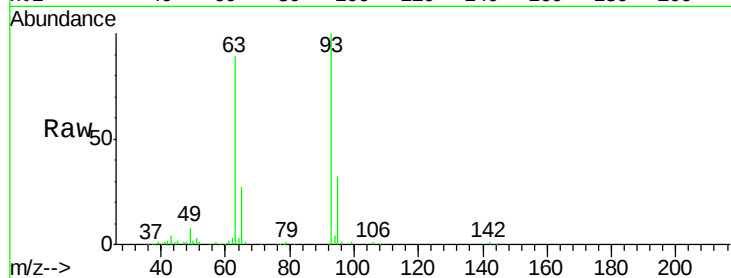
Tot Ion: 93 Resp: 221517

Ion Ratio Lower Upper

93 100

63 89.1 57.1 97.1

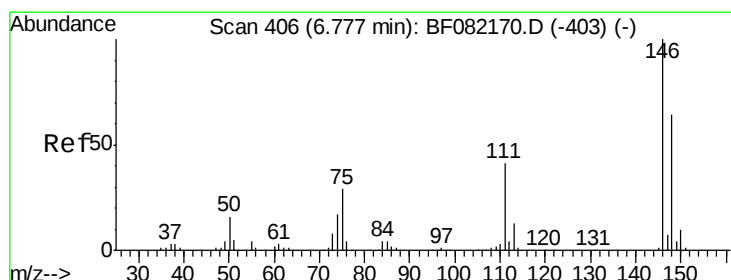
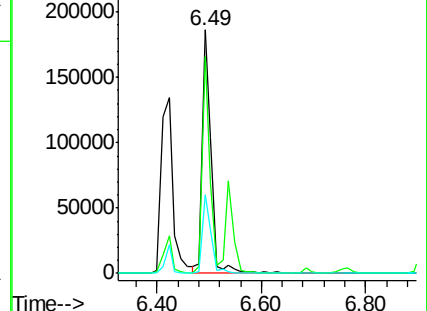
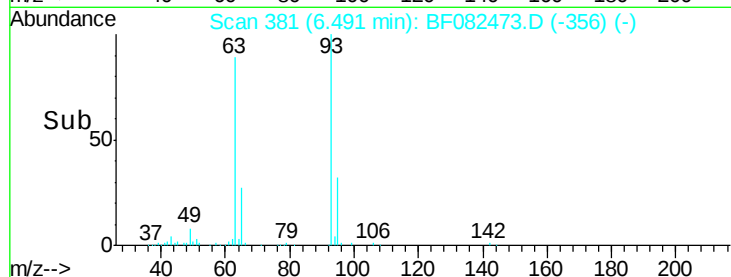
95 32.4 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.50 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

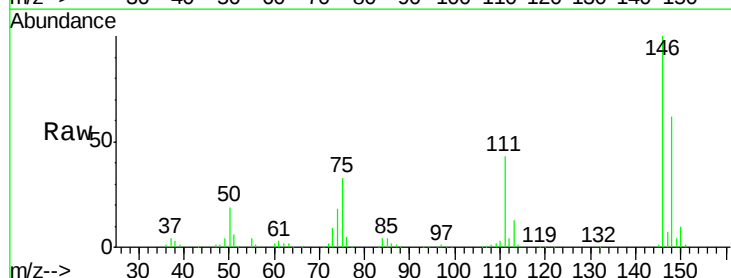
Tgt Ion: 146 Resp: 253780

Ion Ratio Lower Upper

146 100

148 62.0 51.4 77.2

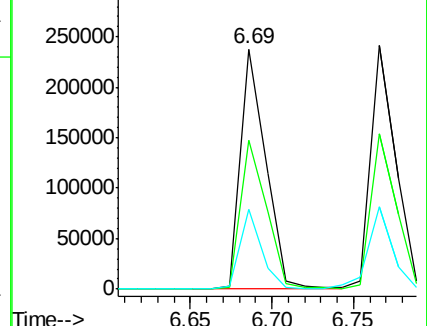
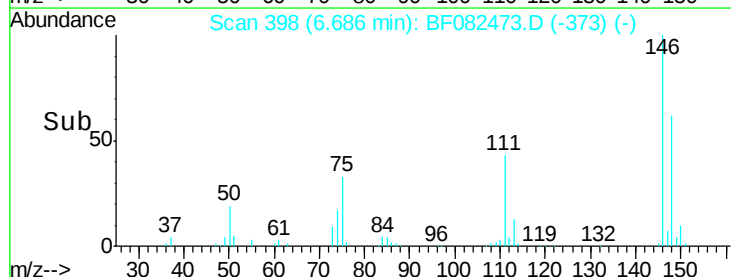
75 33.0 23.0 34.6

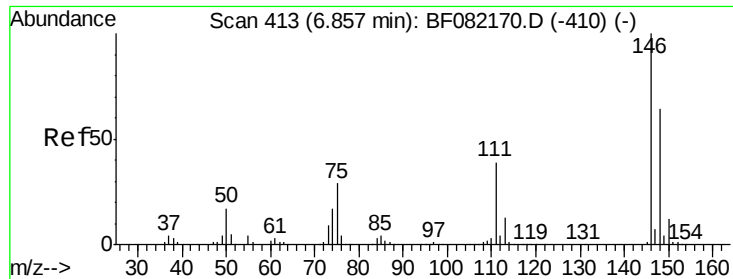


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

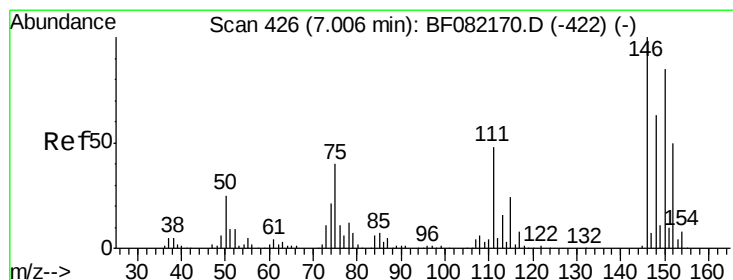
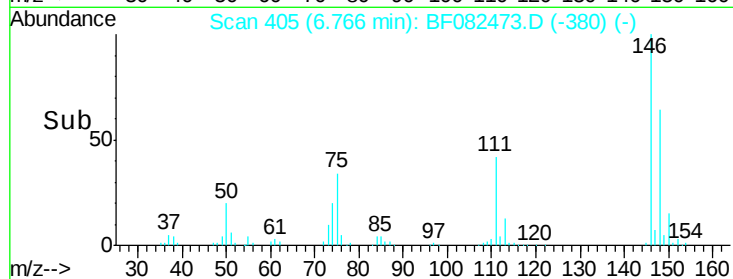
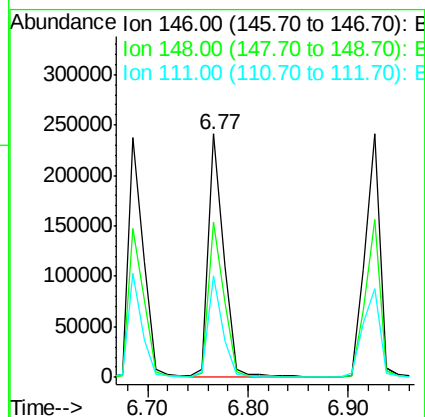
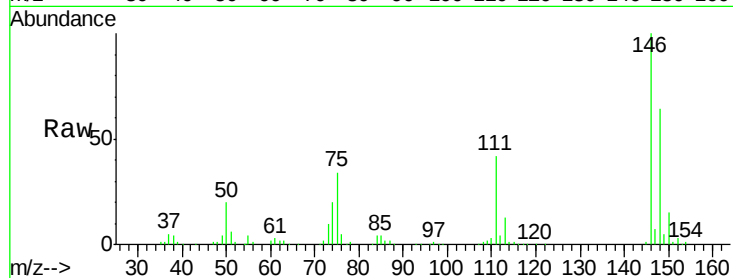




#13
 1,4-Dichlorobenzene
 Concen: 33.72 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

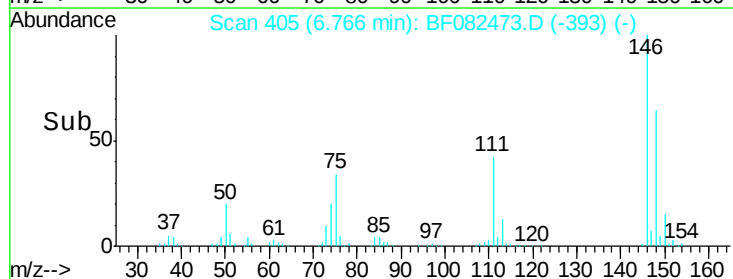
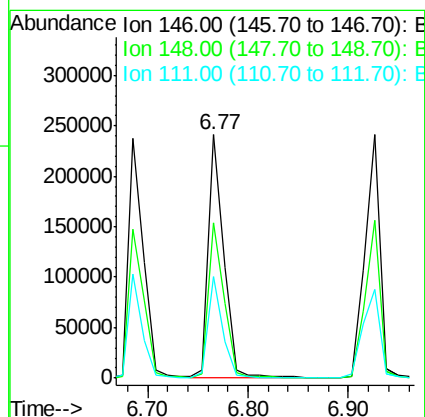
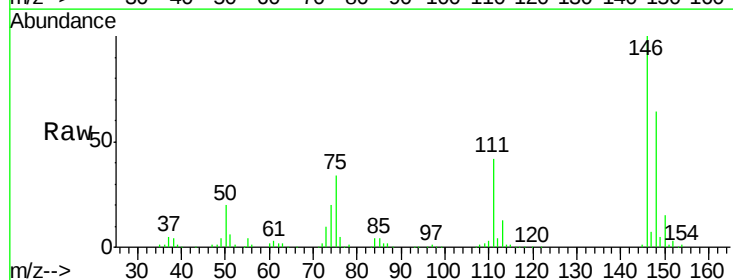
Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

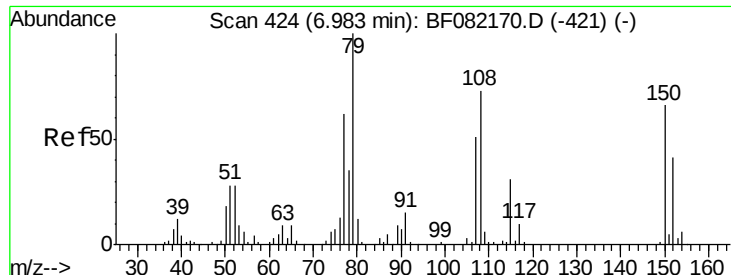
Tot Ion:146 Resp: 259015
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 41.7 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 35.76 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.16 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:146 Resp: 260838
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.5 75.7
 111 41.7 38.5 57.7





#15

Benzyl Alcohol

Concen: 38.90 ng

RT: 6.91 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampled :

PB86215BS

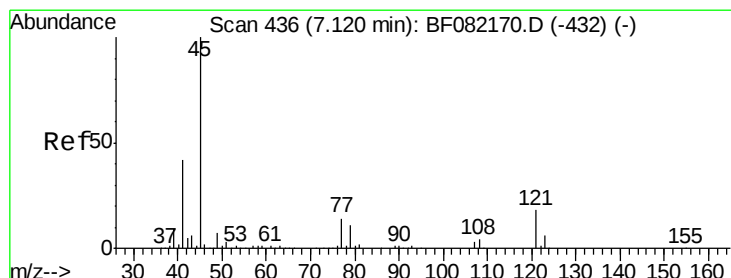
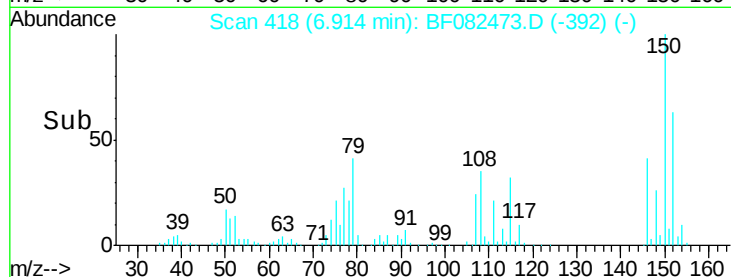
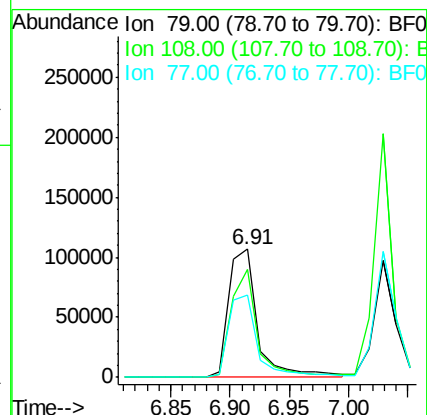
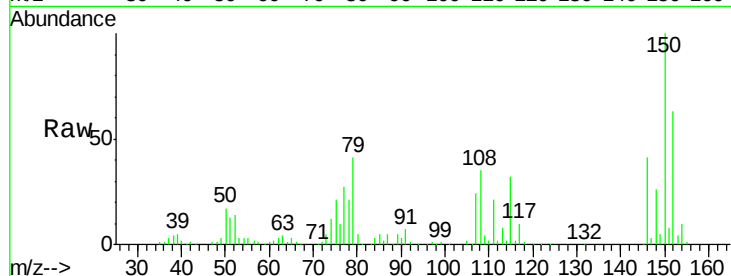
Tot Ion: 79 Resp: 180804

Ion Ratio Lower Upper

79 100

108 84.9 58.4 87.6

77 64.4 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.61 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

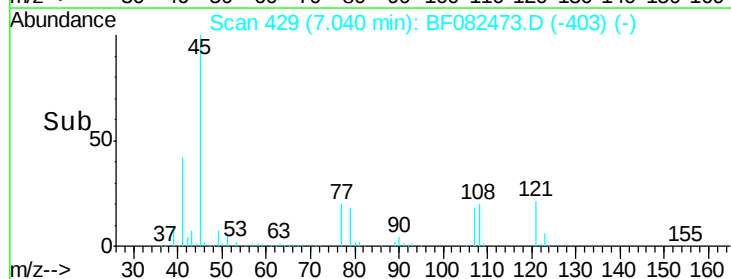
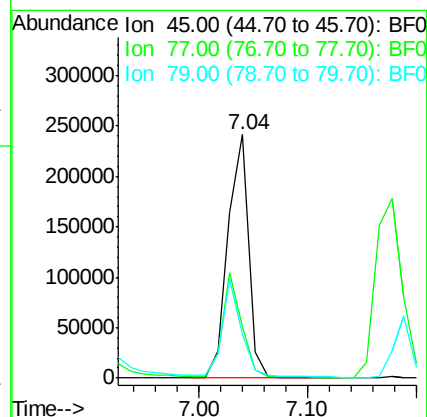
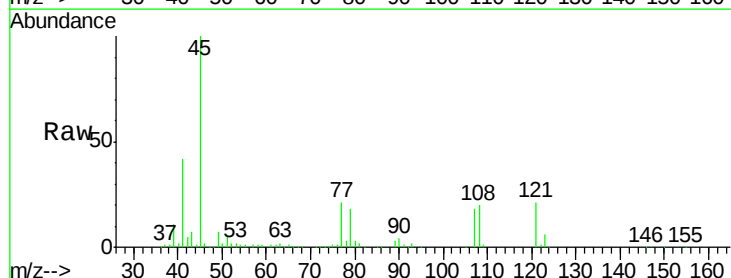
Tgt Ion: 45 Resp: 316376

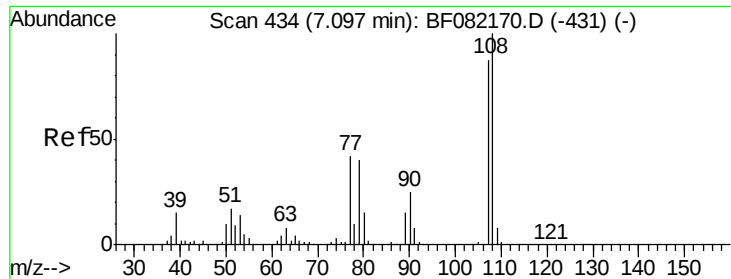
Ion Ratio Lower Upper

45 100

77 21.1 0.0 34.5

79 18.1 0.0 31.6

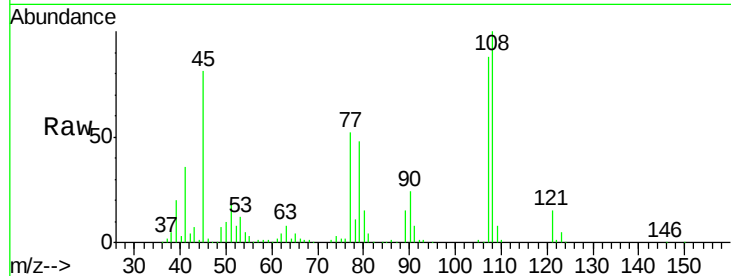




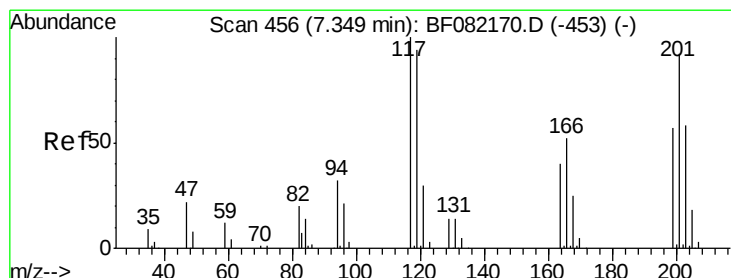
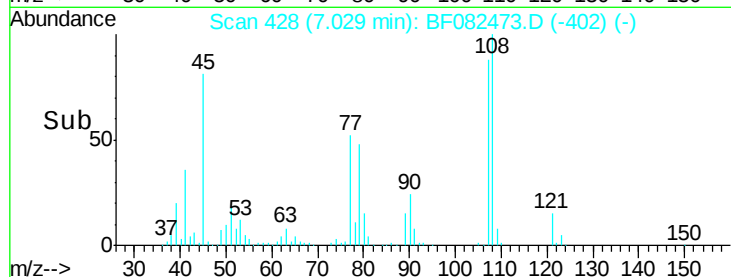
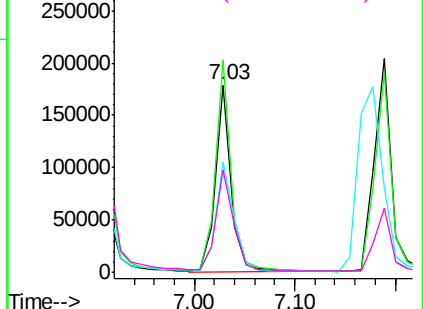
#17
2-Methylphenol
Concen: 38.42 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:	107	Resp:	191870
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.2	138.2
77	58.8	39.6	59.4
79	54.6	38.2	57.4

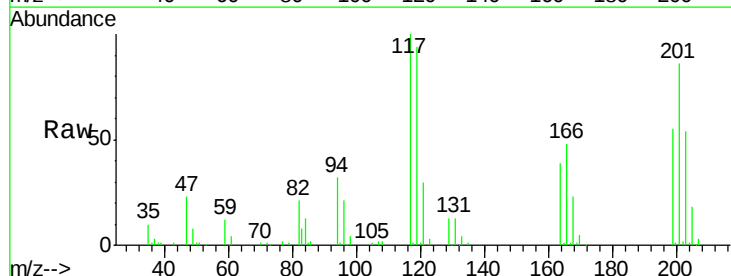


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

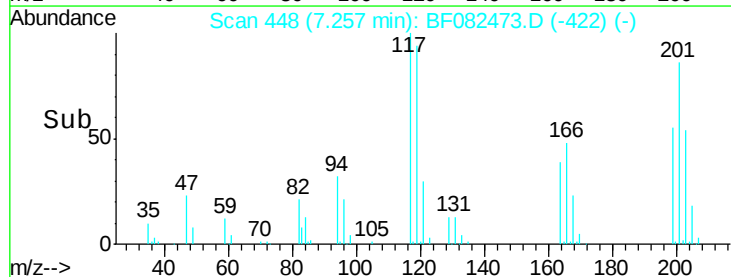
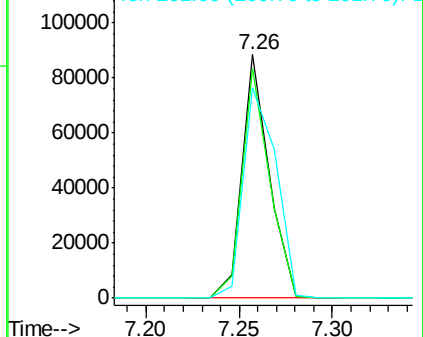


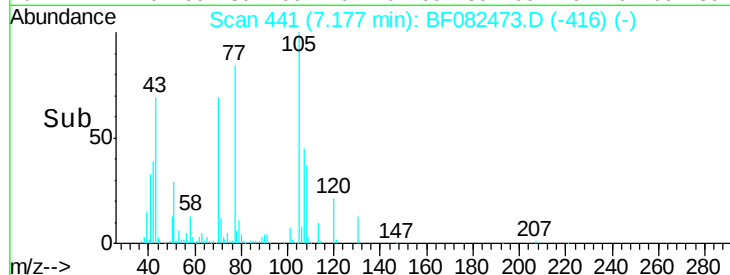
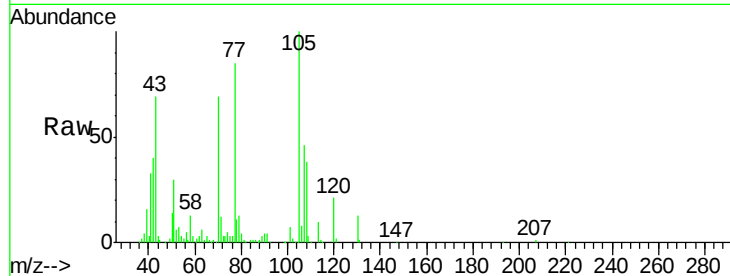
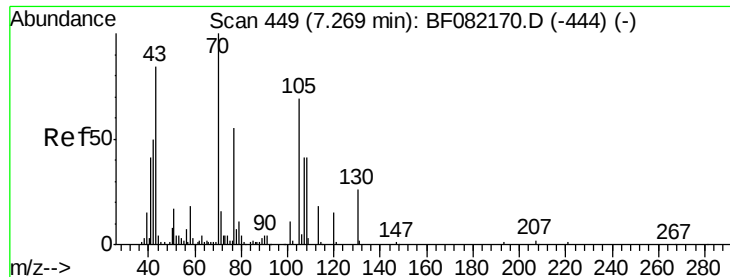
#18
Hexachloroethane
Concen: 34.03 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:	117	Resp:	89485
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.4	113.2
201	86.2	73.4	110.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

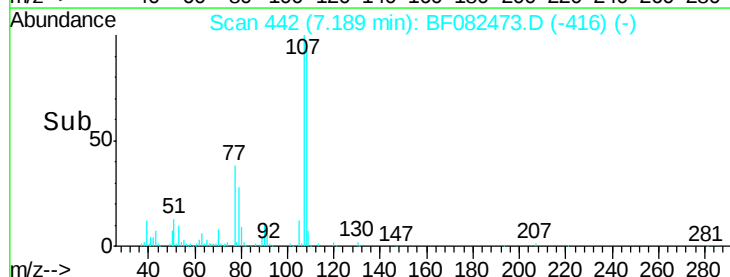
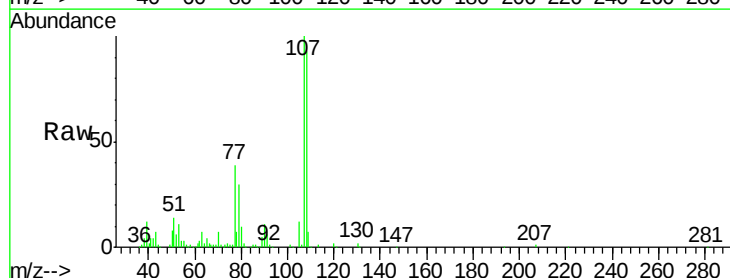
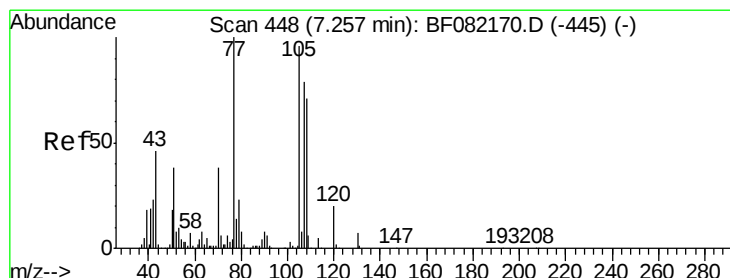
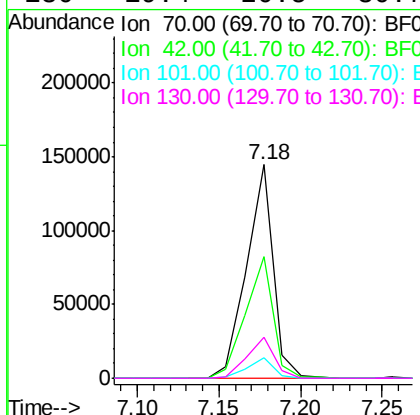




#19
n-Nitroso-di-n-propylamine
Concen: 34.71 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

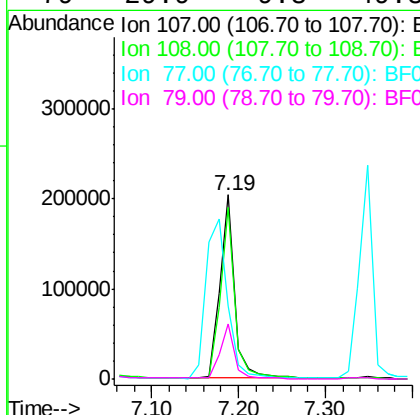
Instrument :
BNA_F
ClientSampleId :
PB86215BS

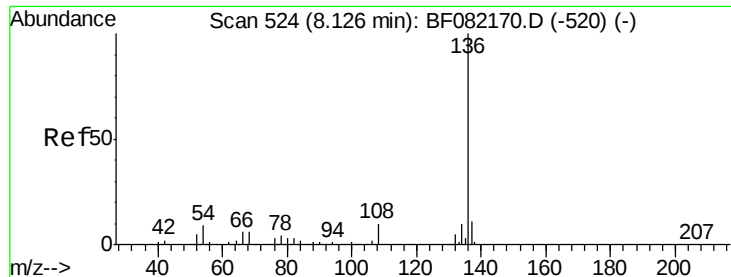
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	39.8	59.8	
101	9.6	8.6	13.0	
130	19.4	20.5	30.7	#



#20
3+4-Methylphenols
Concen: 41.13 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.2	69.9	109.9	
77	39.5	106.0	146.0	#
79	29.9	9.8	49.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampled :

PB86215BS

Tot Ion:136 Resp: 413959

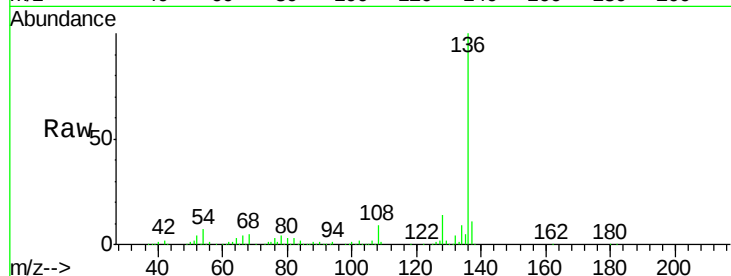
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.9 7.5 11.3#

68 4.5 4.6 7.0#

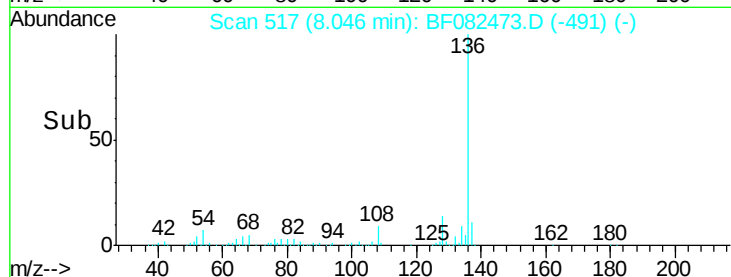


Abundance Ion 136.00 (135.70 to 136.70): E

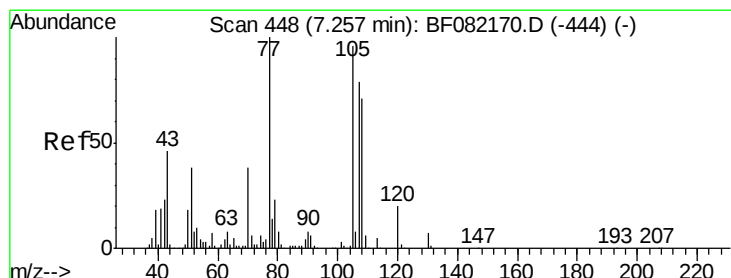
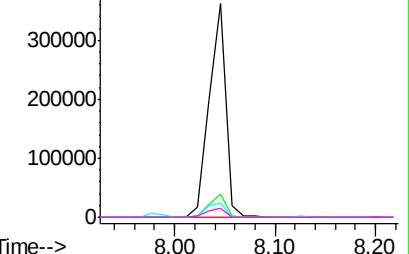
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.75 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion:105 Resp: 317277

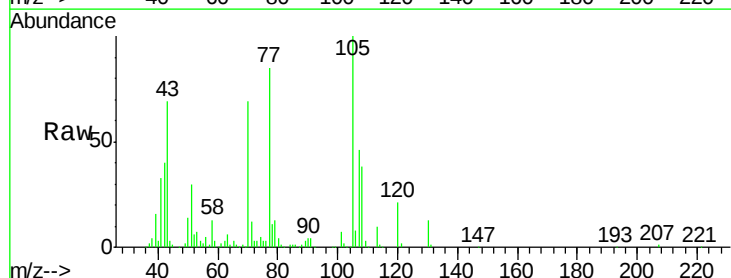
Ion Ratio Lower Upper

105 100

71 11.7 5.4 8.0#

51 29.9 31.8 47.6#

120 21.2 16.3 24.5

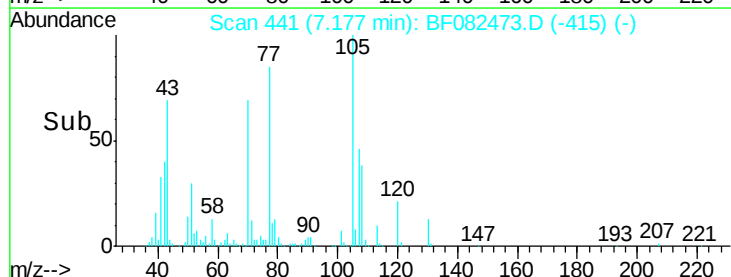


Abundance Ion 105.00 (104.70 to 105.70): E

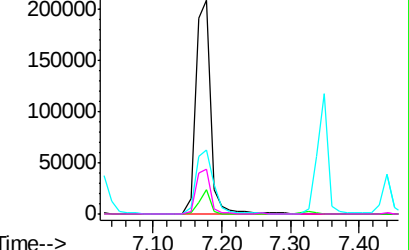
Ion 71.00 (70.70 to 71.70): BF0

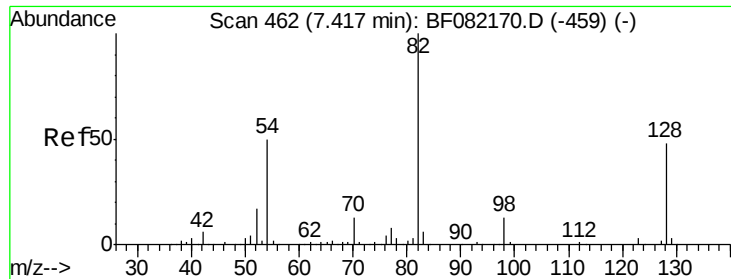
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

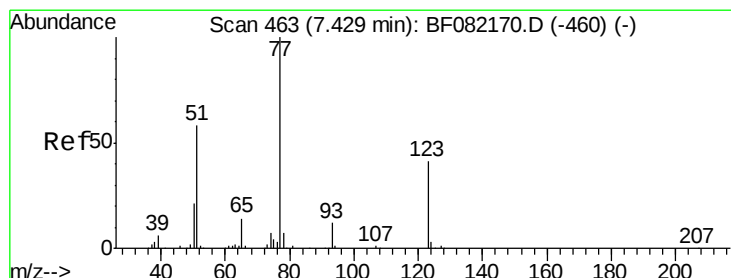
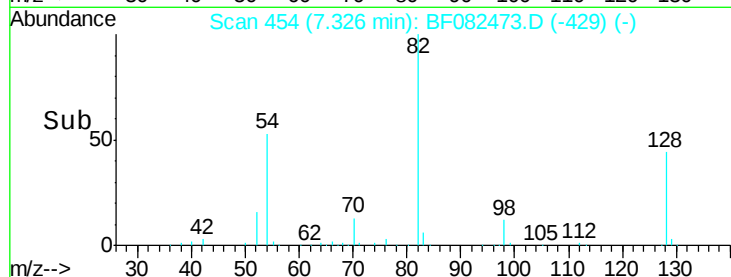
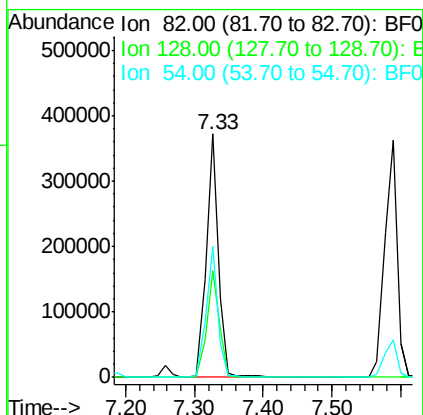
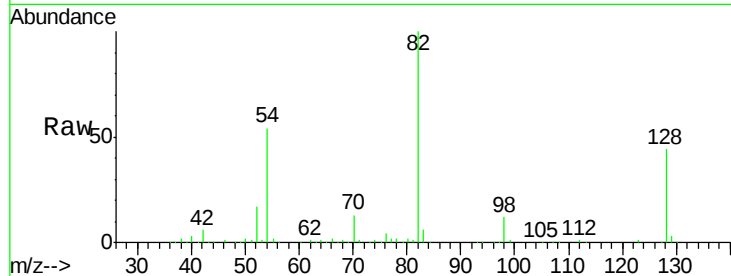




#23
 Nitrobenzene-d5
 Concen: 74.71 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

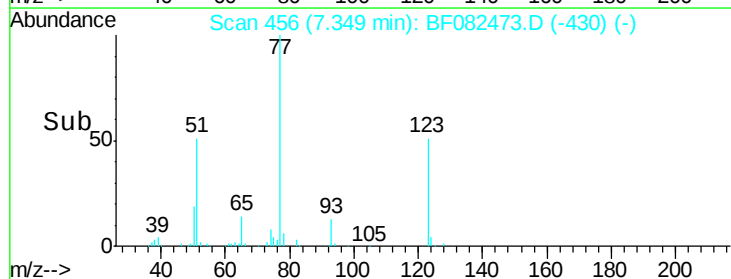
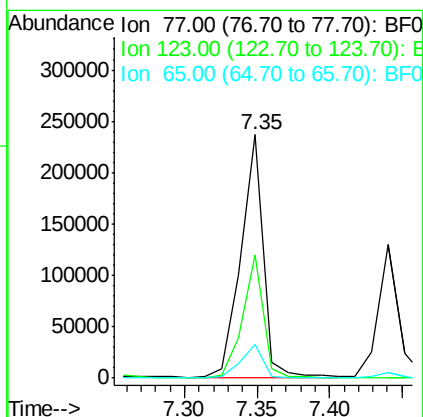
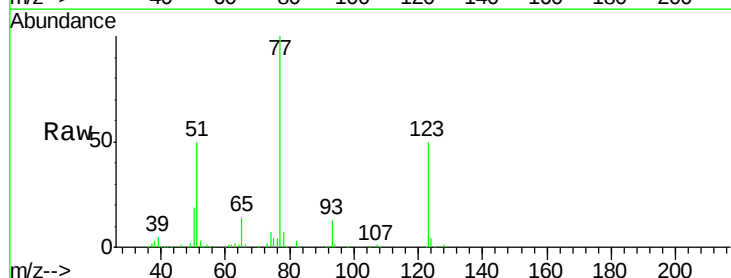
Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

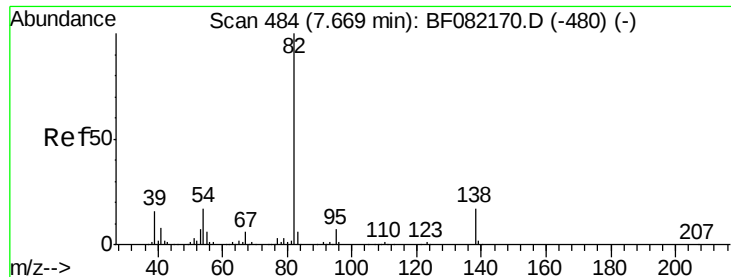
Tot Ion: 82 Resp: 460506
 Ion Ratio Lower Upper
 82 100
 128 43.7 38.7 58.1
 54 53.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 37.62 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion: 77 Resp: 251018
 Ion Ratio Lower Upper
 77 100
 123 50.5 33.0 49.4#
 65 13.6 11.2 16.8





#25

Isophorone

Concen: 36.57 ng

RT: 7.59 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

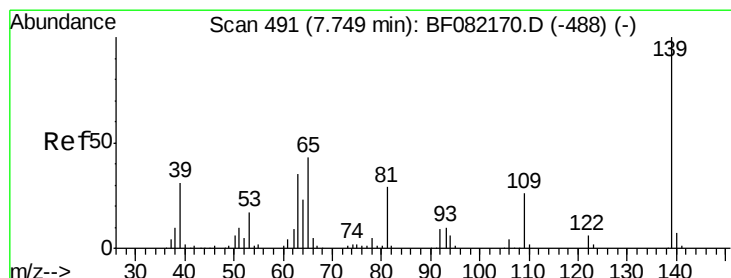
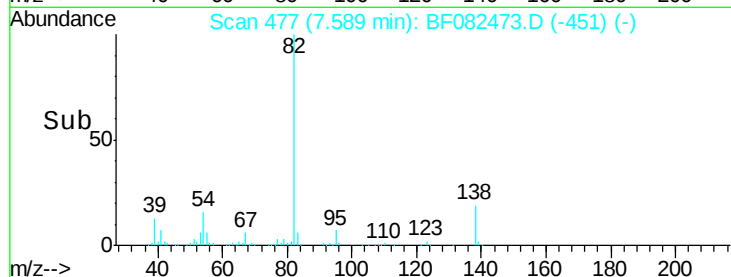
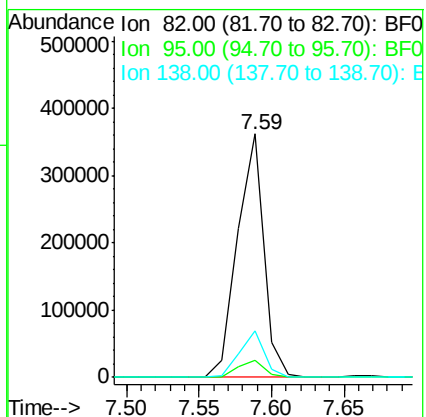
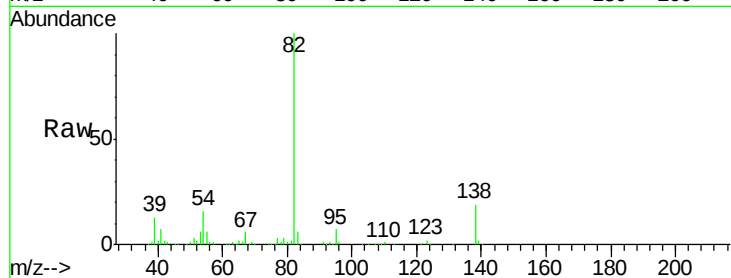
Tot Ion: 82 Resp: 455009

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 19.1 13.6 20.4



#26

2-Nitrophenol

Concen: 38.25 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

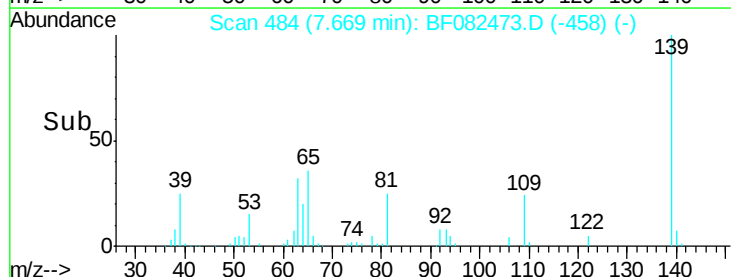
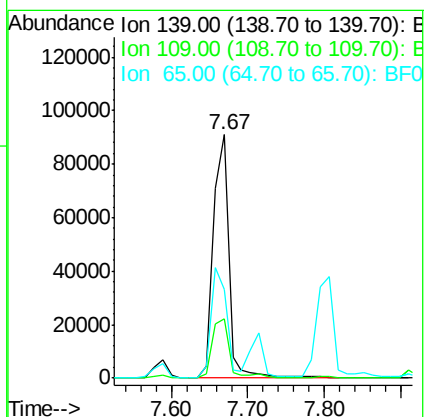
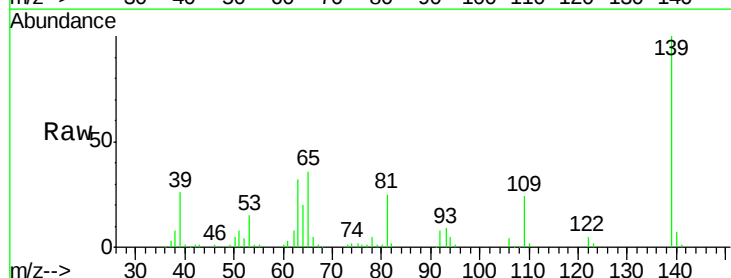
Tgt Ion: 139 Resp: 127422

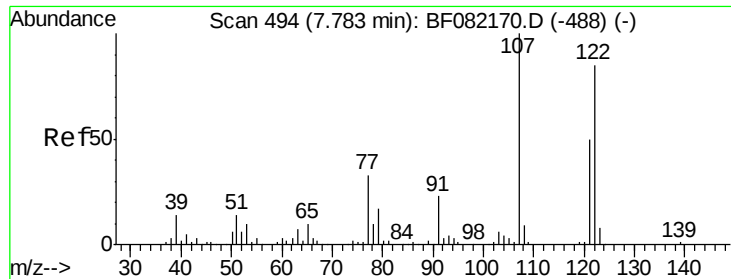
Ion Ratio Lower Upper

139 100

109 24.4 20.6 31.0

65 36.4 34.3 51.5

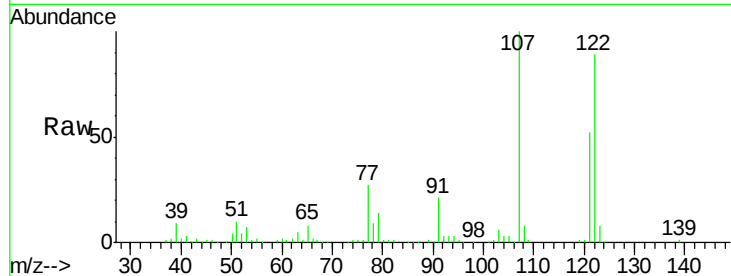




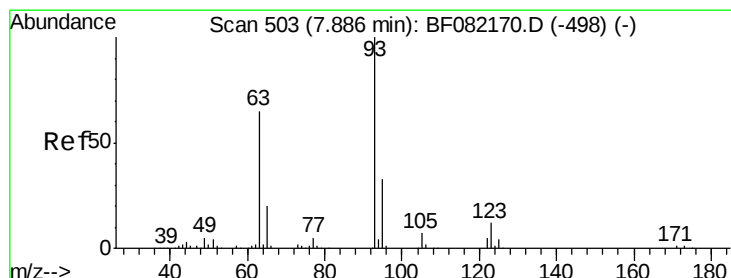
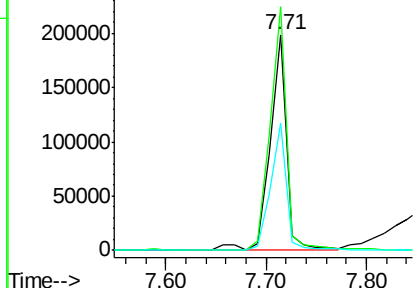
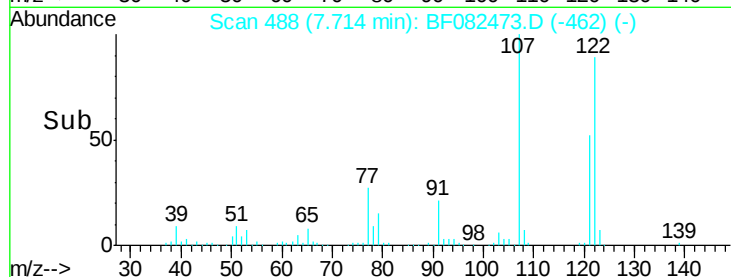
#27
2,4-Dimethylphenol
Concen: 41.98 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:122 Resp: 225316
Ion Ratio Lower Upper
122 100
107 112.8 94.0 141.0
121 58.8 46.8 70.2

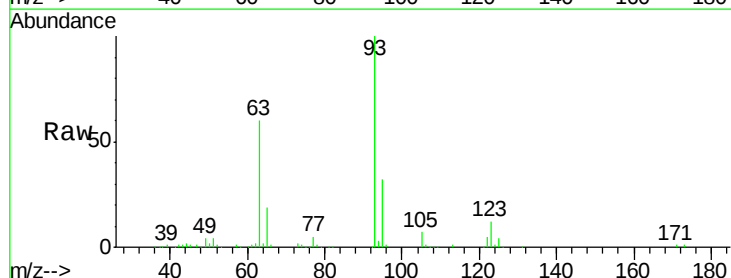


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

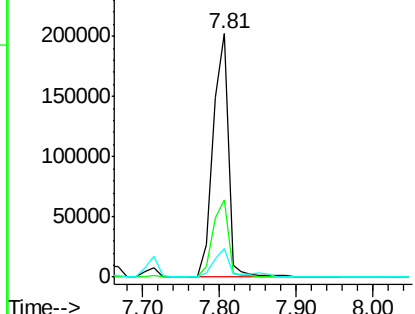
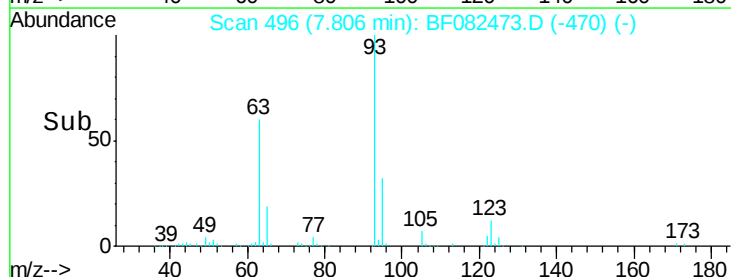


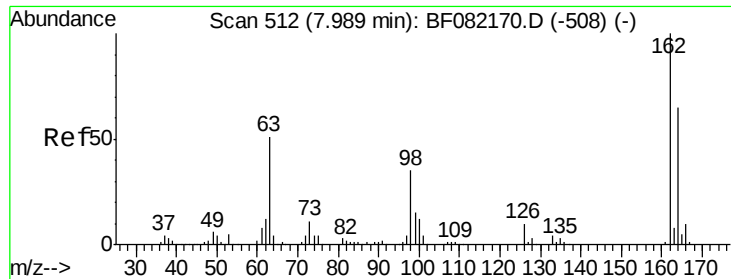
#28
bis(2-Chloroethoxy)methane
Concen: 38.31 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion: 93 Resp: 277293
Ion Ratio Lower Upper
93 100
95 31.8 26.6 39.8
123 11.9 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

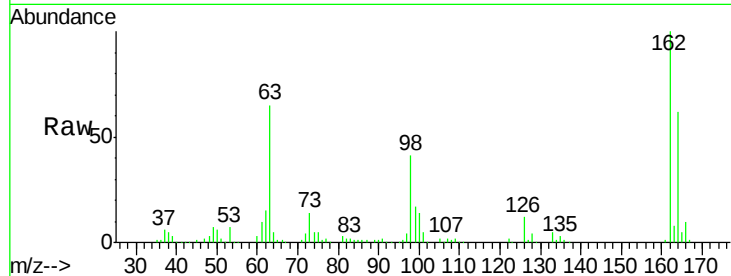




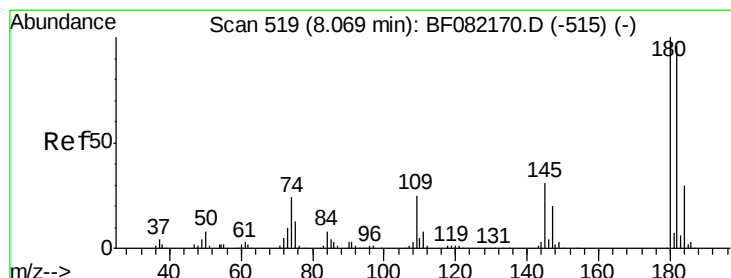
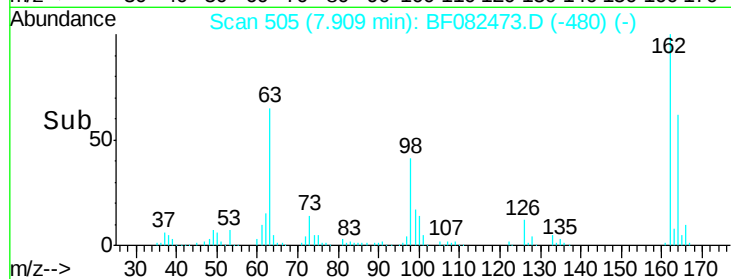
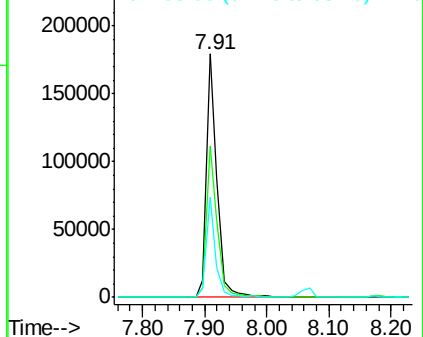
#29
 2,4-Dichlorophenol
 Concen: 39.52 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	41.1	15.0	55.0

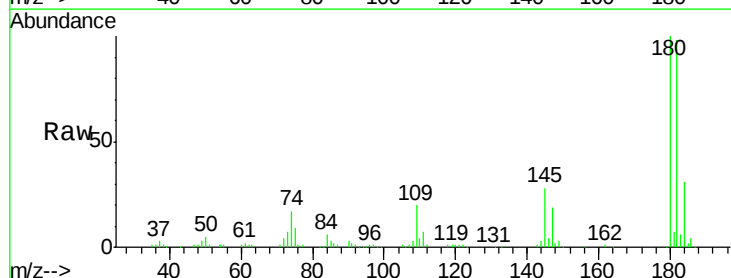


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

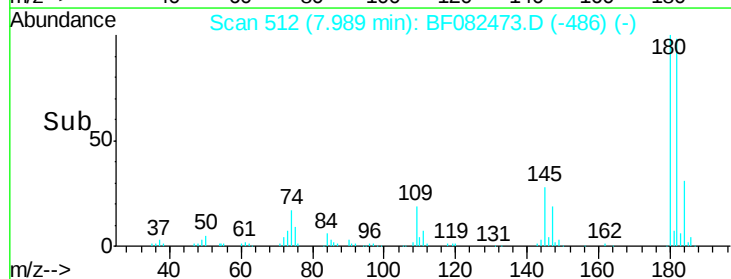
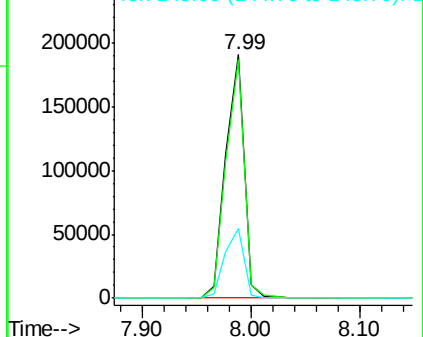


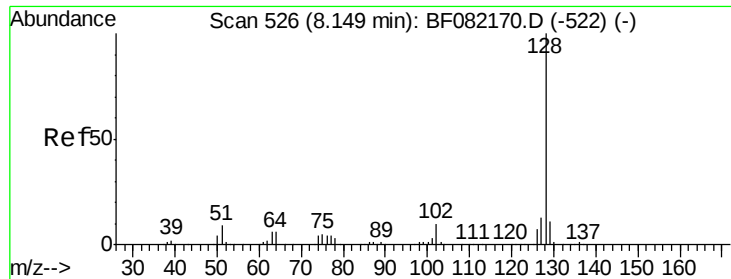
#30
 1,2,4-Trichlorobenzene
 Concen: 36.39 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.0	115.4
145	28.4	25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

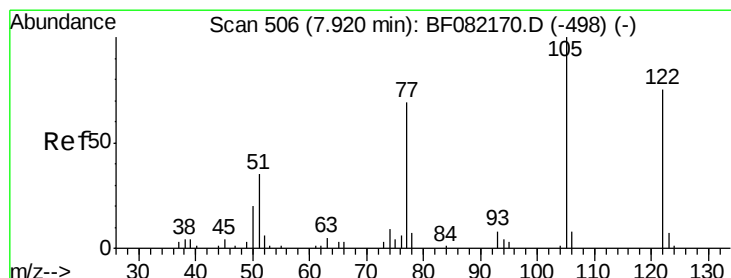
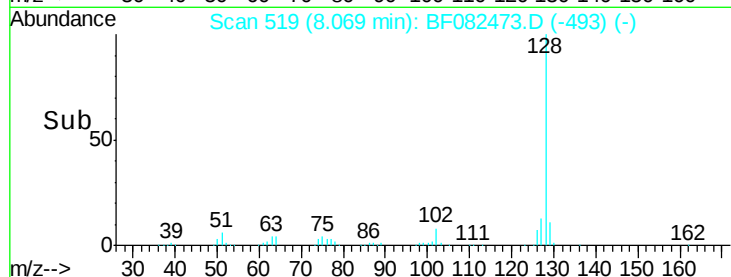
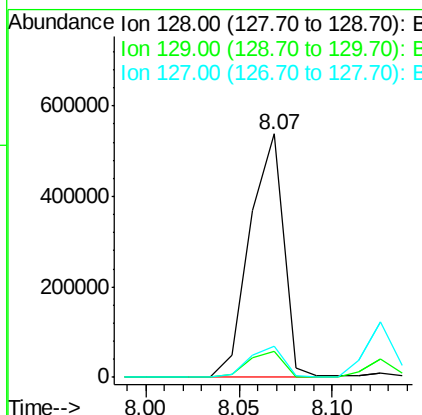
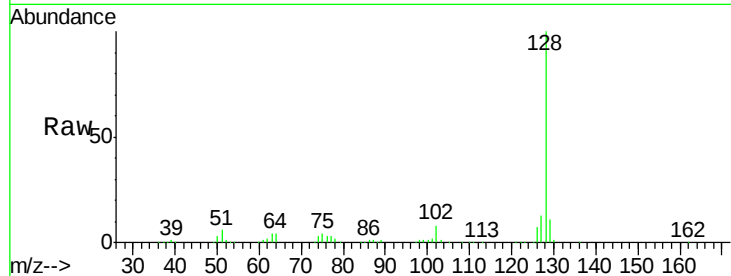




#31
Naphthalene
Concen: 37.57 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

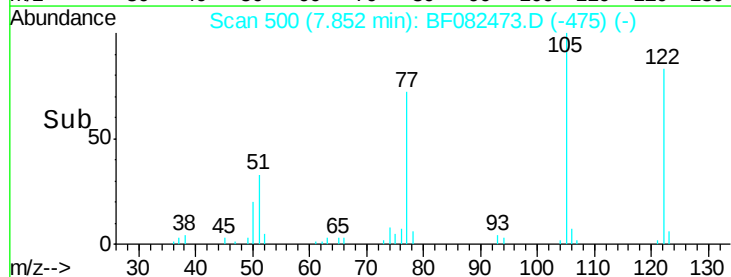
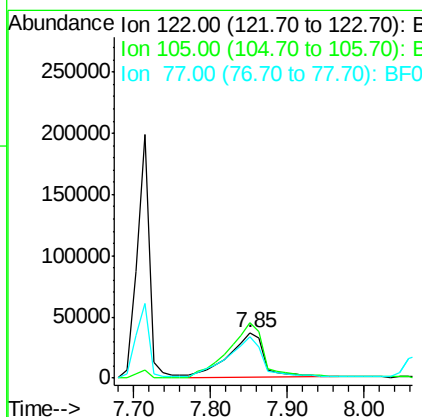
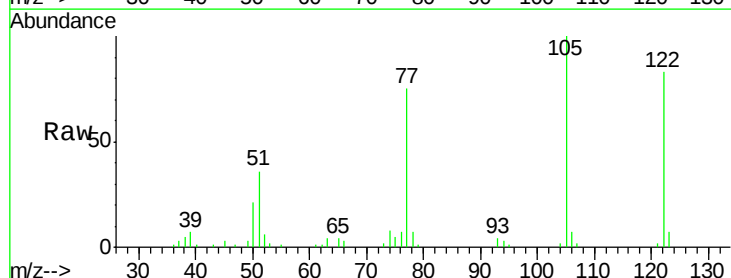
Instrument :
BNA_F
ClientSampleId :
PB86215BS

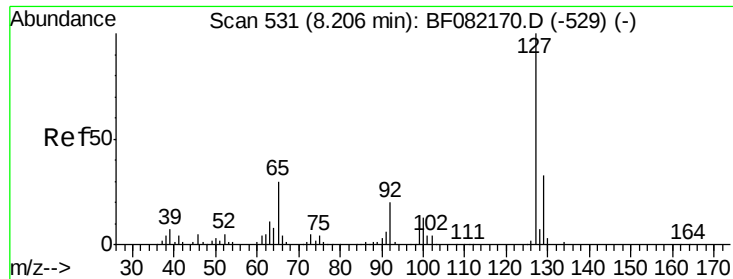
Tot Ion:128 Resp: 674137
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.8 10.7 16.1



#32
Benzoic acid
Concen: 31.99 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:122 Resp: 115244
Ion Ratio Lower Upper
122 100
105 121.0 104.4 144.4
77 91.0 69.0 109.0

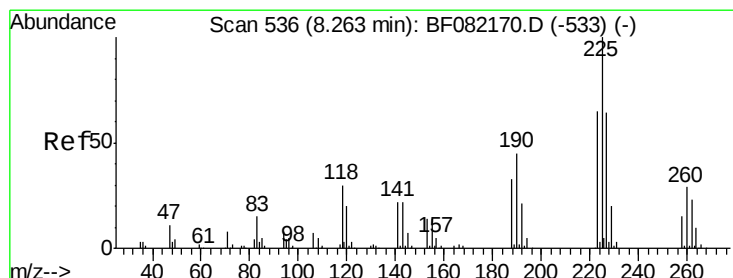
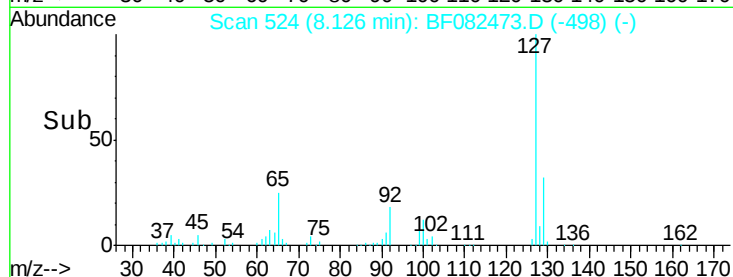
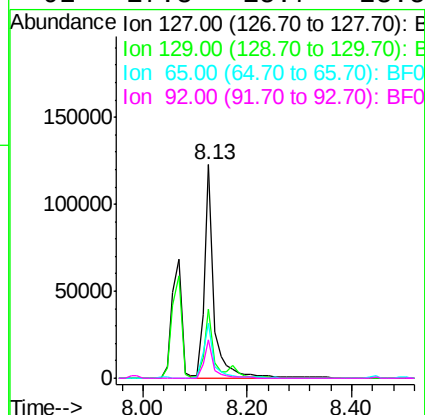
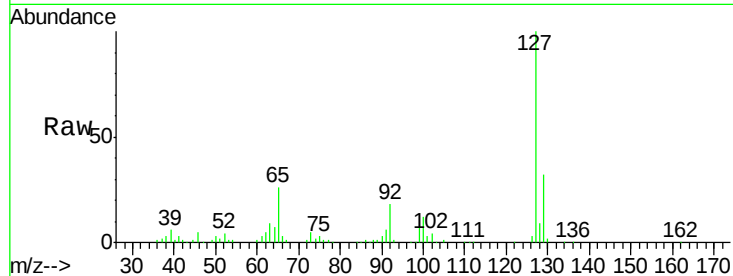




#33
4-Chloroaniline
Concen: 20.76 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

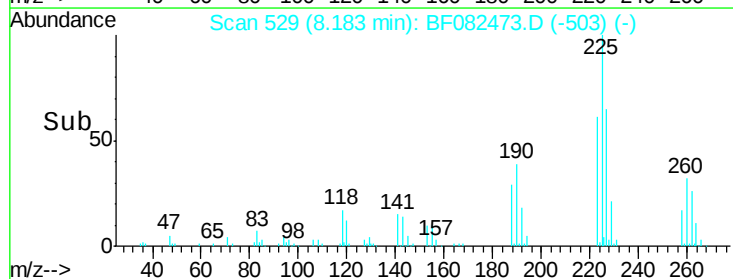
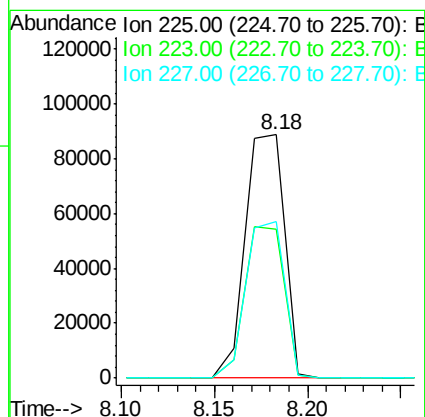
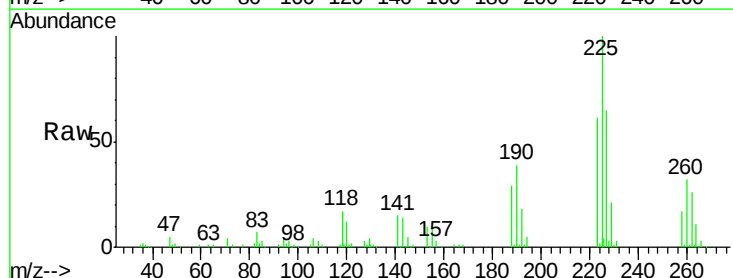
Instrument :
BNA_F
ClientSampleId :
PB86215BS

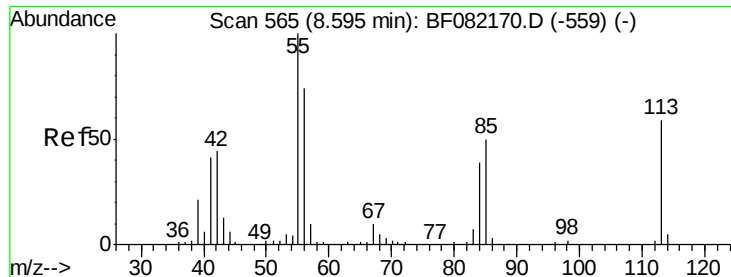
Tot Ion:	127	Resp:	154720
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	26.0	24.4	36.6
92	17.8	15.7	23.5



#34
Hexachlorobutadiene
Concen: 33.61 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:	225	Resp:	129531
Ion	Ratio	Lower	Upper
225	100		
223	61.1	52.2	78.2
227	64.6	51.3	76.9

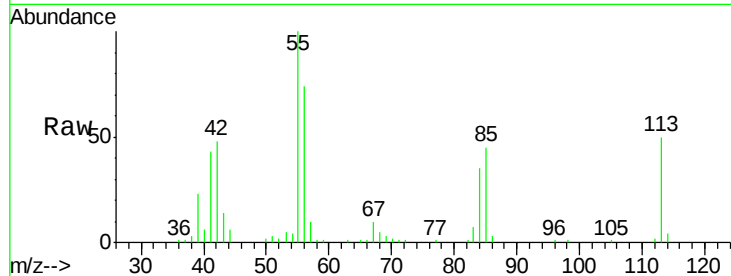




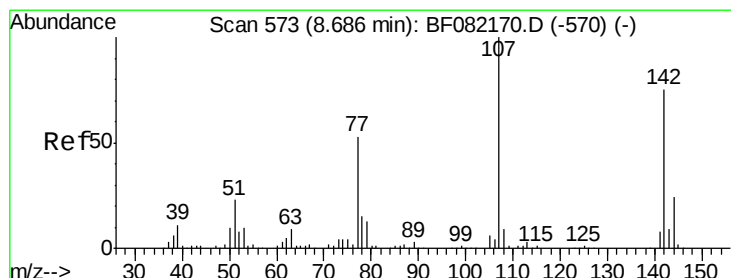
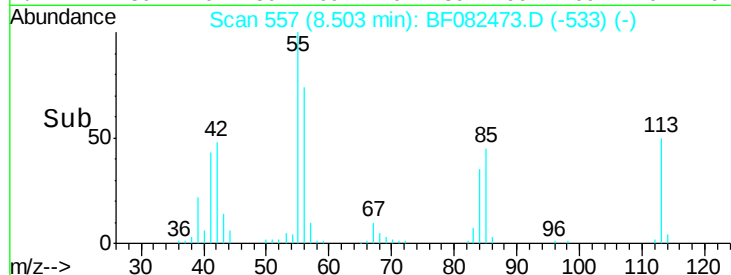
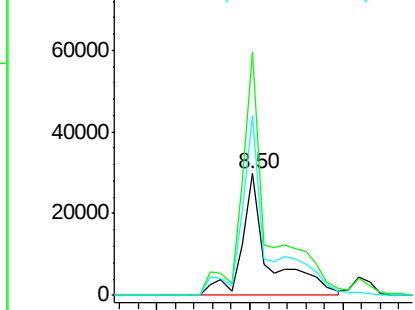
#35
Caprolactam
Concen: 39.03 ng
RT: 8.50 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:113 Resp: 60786
Ion Ratio Lower Upper
113 100
55 200.0 149.7 189.7#
56 147.0 105.4 145.4#

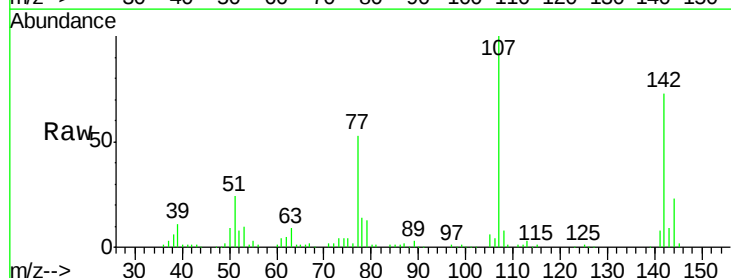


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

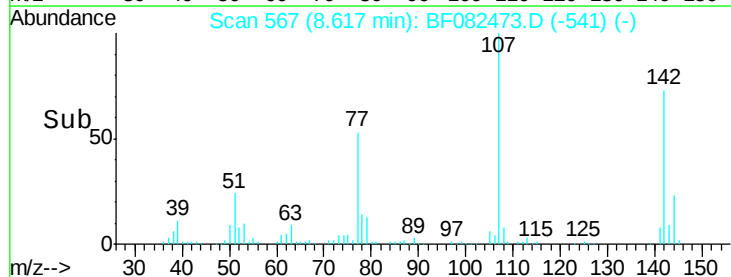
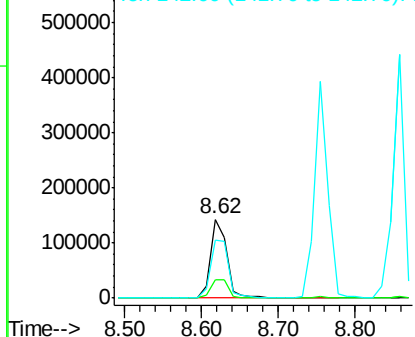


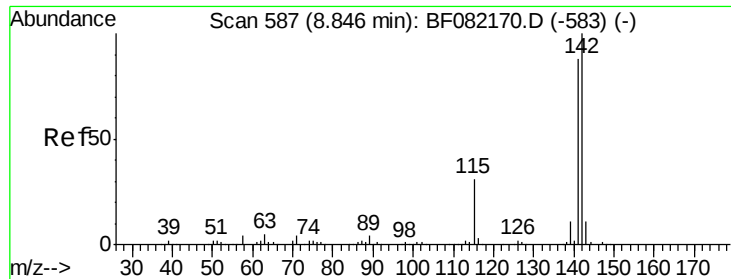
#36
4-Chloro-3-methylphenol
Concen: 39.92 ng
RT: 8.62 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:107 Resp: 209455
Ion Ratio Lower Upper
107 100
144 23.2 19.3 28.9
142 72.7 59.9 89.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

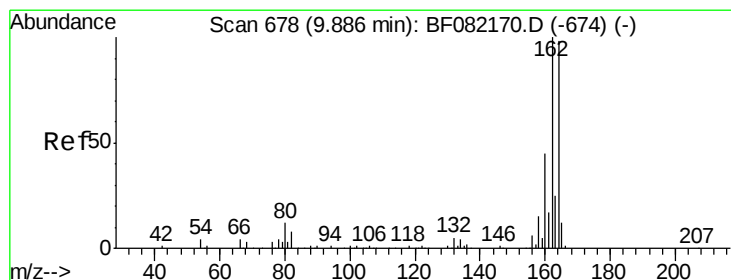
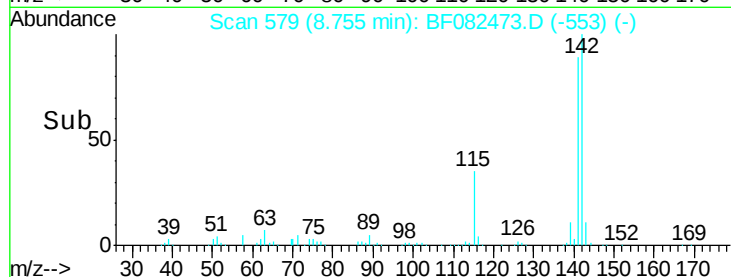
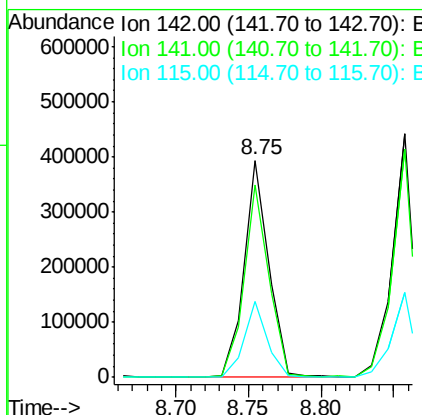
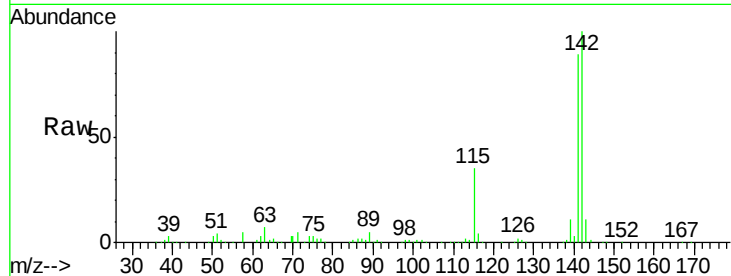




#37
2-Methylnaphthalene
Concen: 37.43 ng
RT: 8.75 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

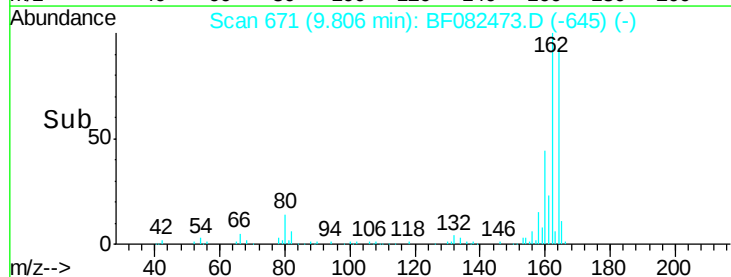
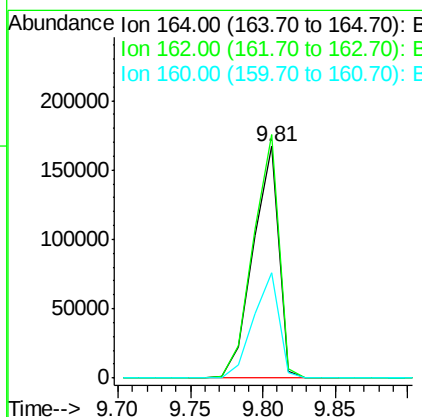
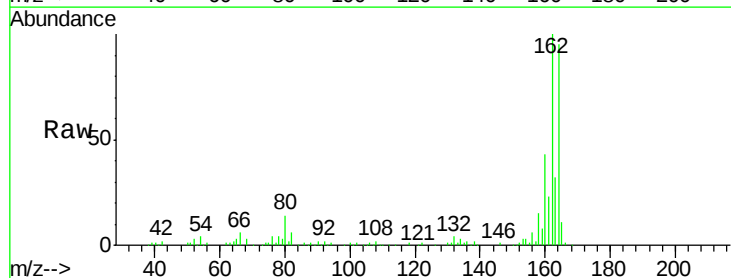
Instrument :
BNA_F
ClientSampleId :
PB86215BS

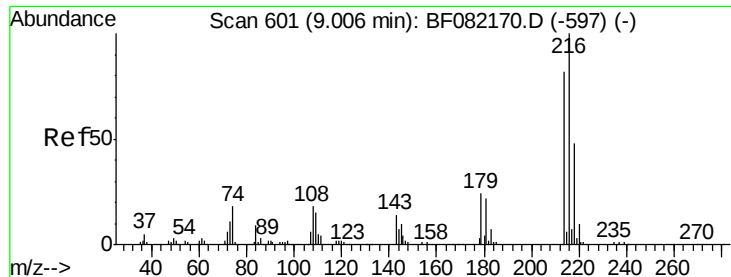
Tot Ion:142 Resp: 465618
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 34.8 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:164 Resp: 205028
Ion Ratio Lower Upper
164 100
162 105.0 81.6 122.4
160 45.6 36.4 54.6

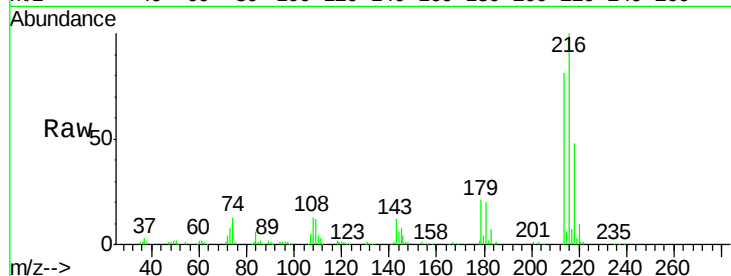




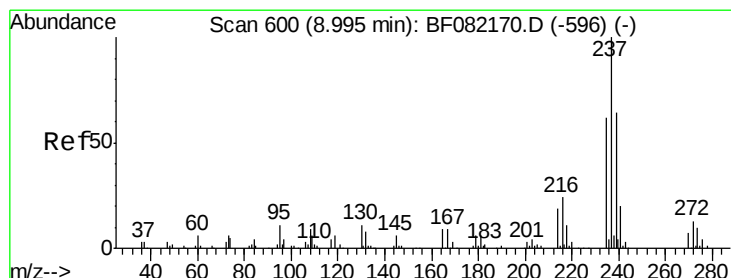
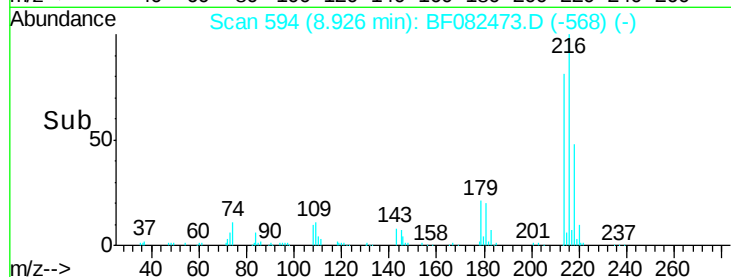
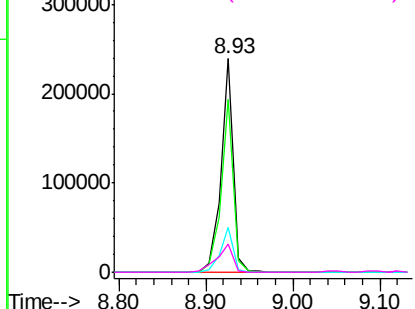
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.32 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tot Ion:216	Resp:	239811
Ion Ratio	Lower	Upper
216	100	
214	80.2	64.6 97.0
179	21.3	17.6 26.4
108	17.6	14.5 21.7

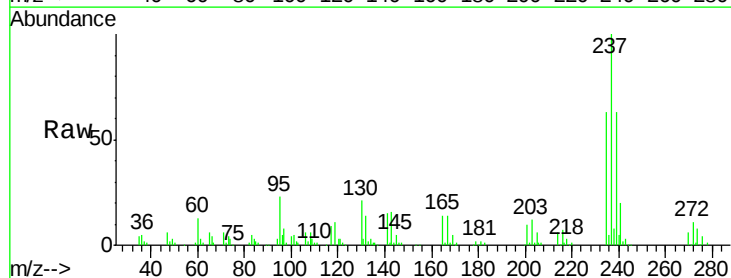


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

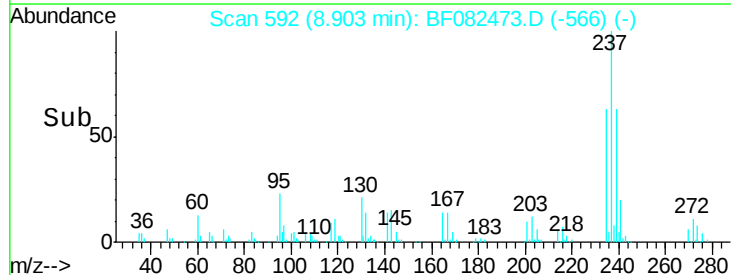
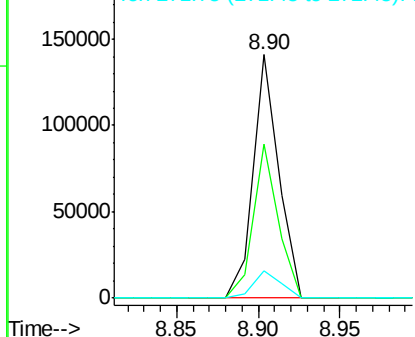


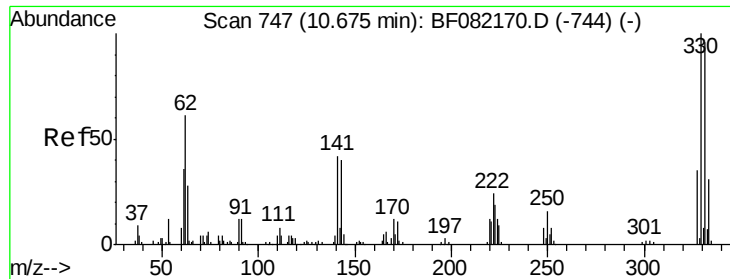
#40
 Hexachlorocyclopentadiene
 Concen: 52.92 ng
 RT: 8.90 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:237	Resp:	153623
Ion Ratio	Lower	Upper
237	100	
235	63.0	41.7 81.7
272	11.2	0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

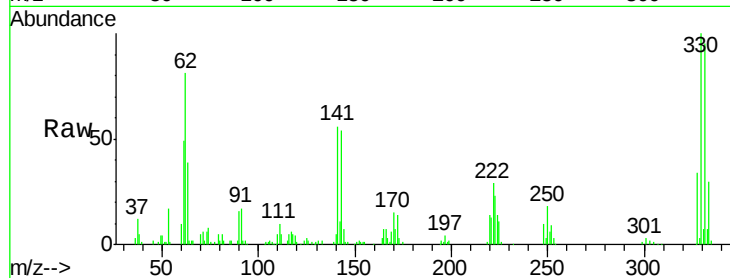




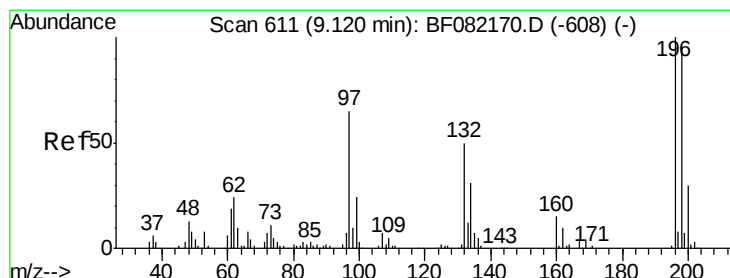
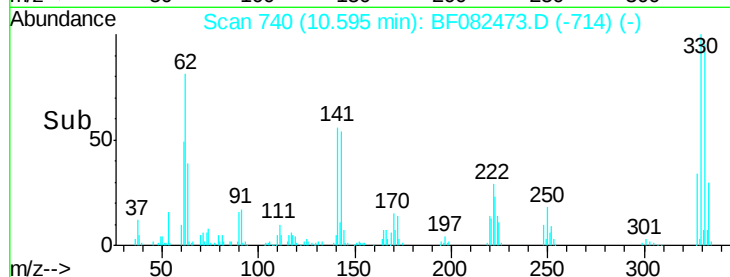
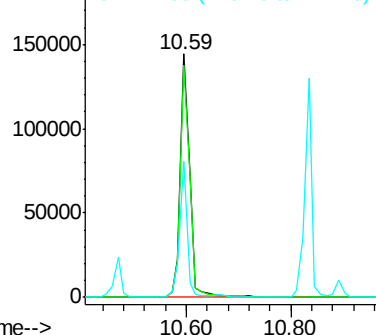
#41
 2,4,6-Tribromophenol
 Concen: 93.95 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tot Ion:330 Resp: 180648
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 44.6 29.8 44.8

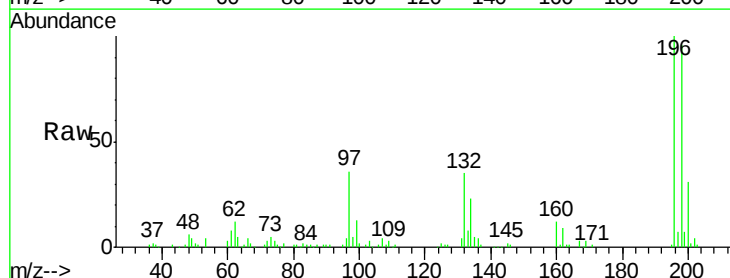


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

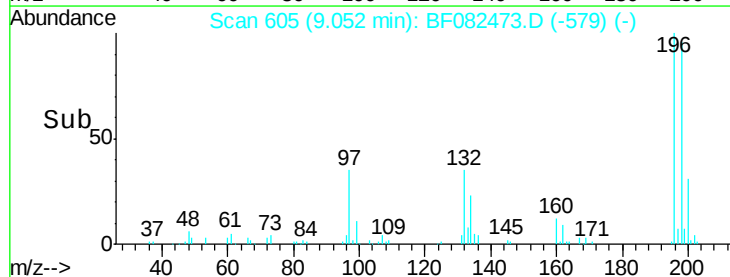
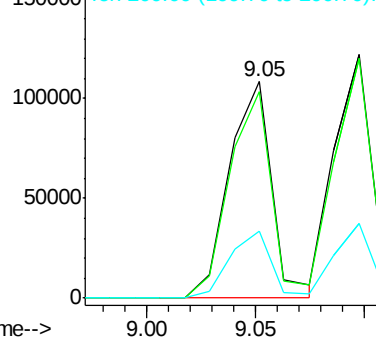


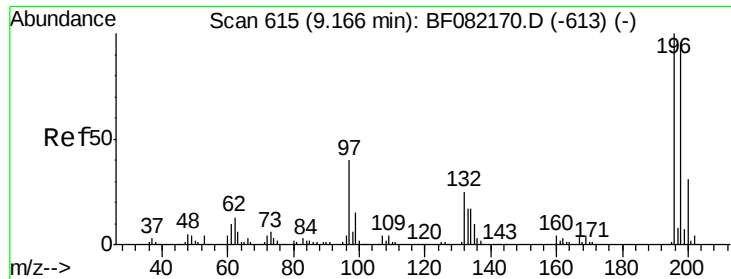
#42
 2,4,6-Trichlorophenol
 Concen: 36.57 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:196 Resp: 148143
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 200 30.9 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

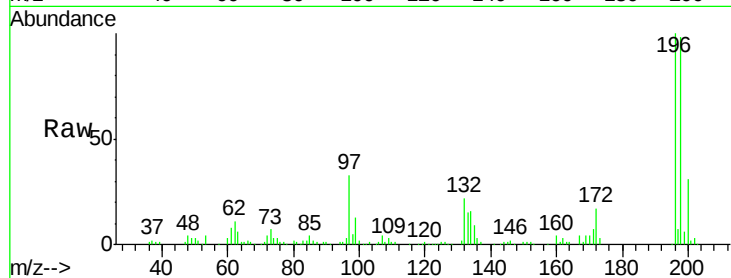




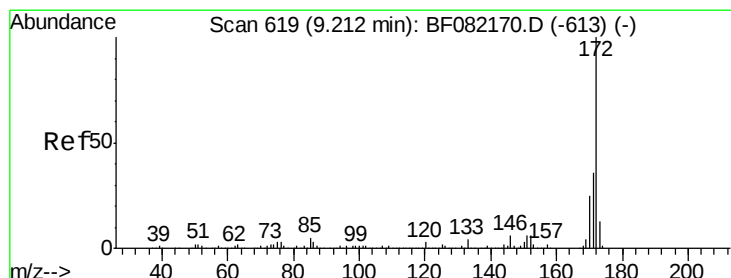
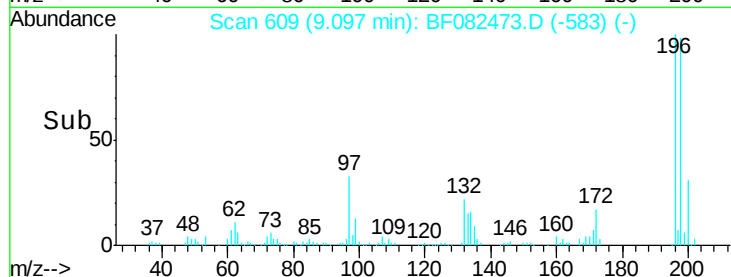
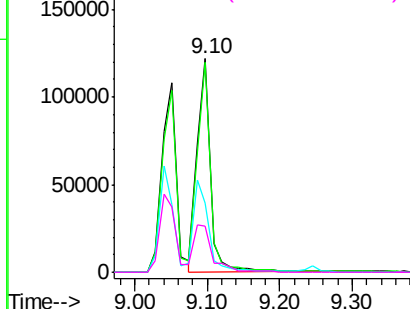
#43
 2,4,5-Trichlorophenol
 Concen: 35.84 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	77.0	115.4
97	32.5	31.9	47.9
132	21.8	20.3	30.5

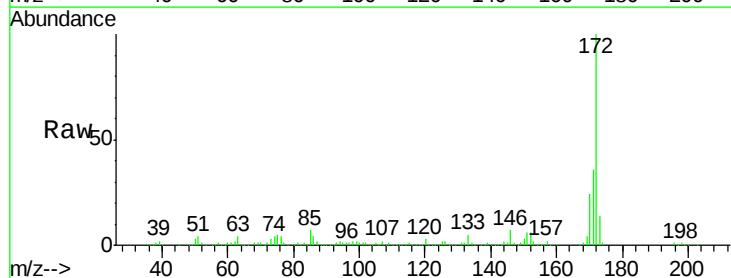


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

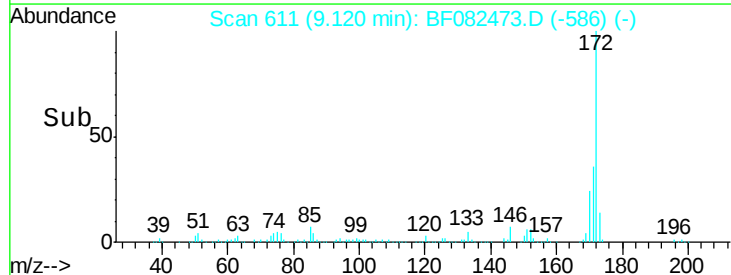
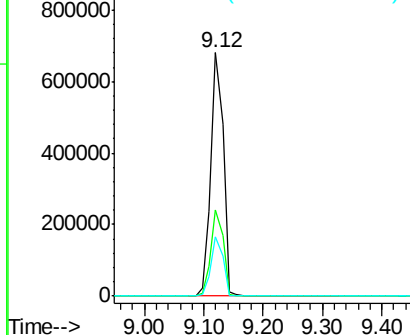


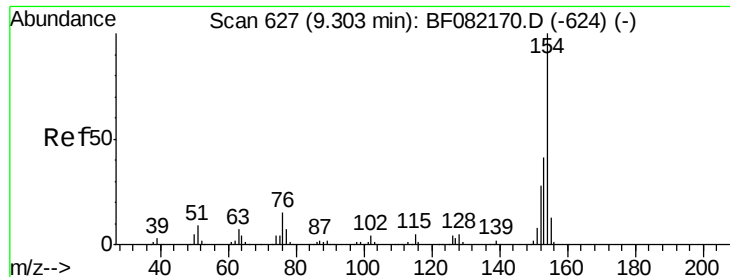
#44
 2-Fluorobiphenyl
 Concen: 80.26 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	24.5	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.65 ng

RT: 9.22 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

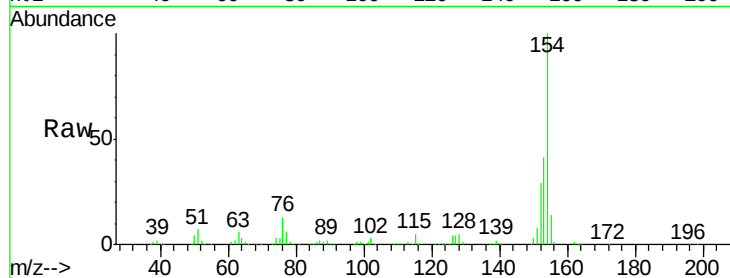
Tot Ion:154 Resp: 573006

Ion Ratio Lower Upper

154 100

153 41.3 20.6 60.6

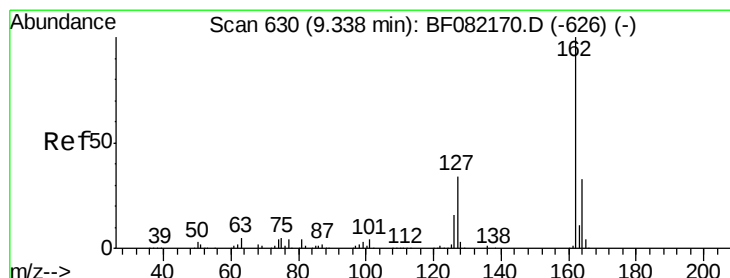
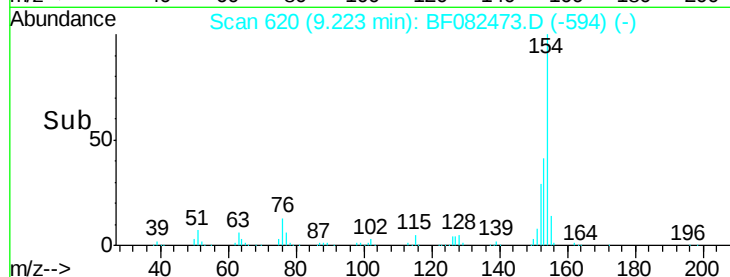
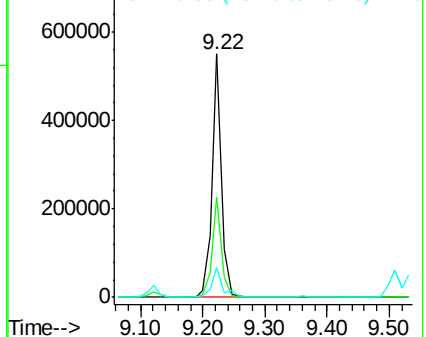
76 12.5 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.38 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

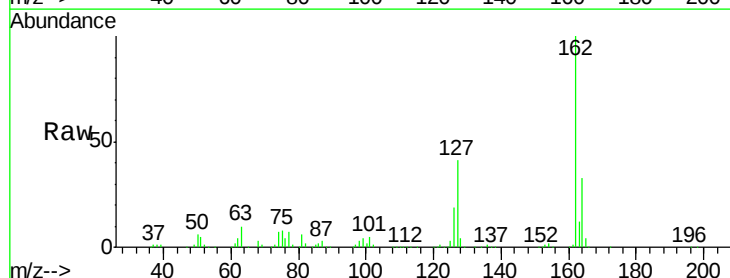
Tgt Ion:162 Resp: 447779

Ion Ratio Lower Upper

162 100

127 40.9 27.5 41.3

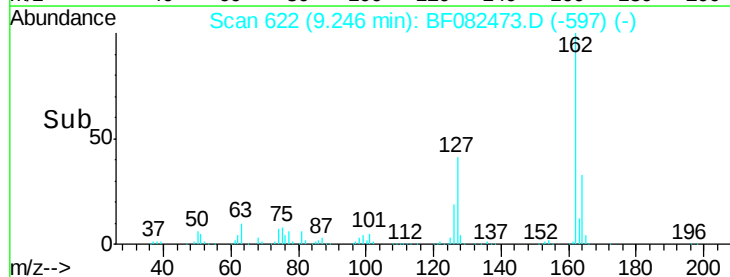
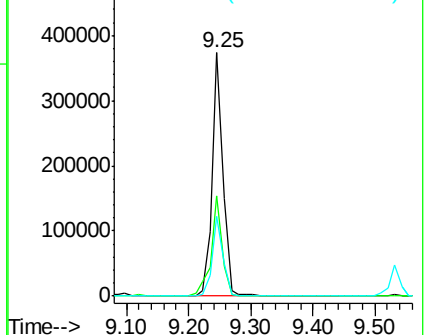
164 32.8 26.6 39.8

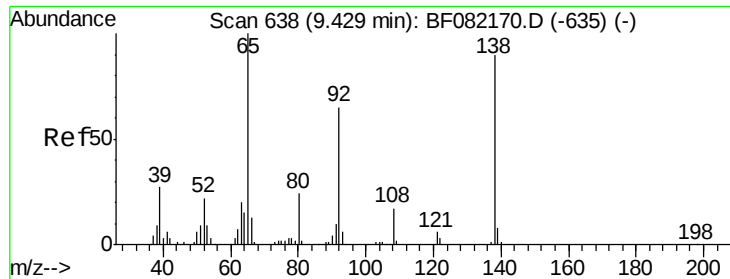


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.33 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

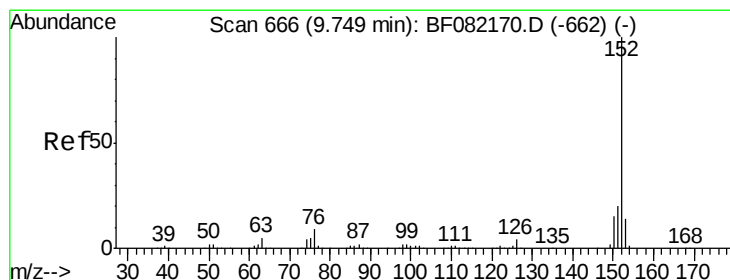
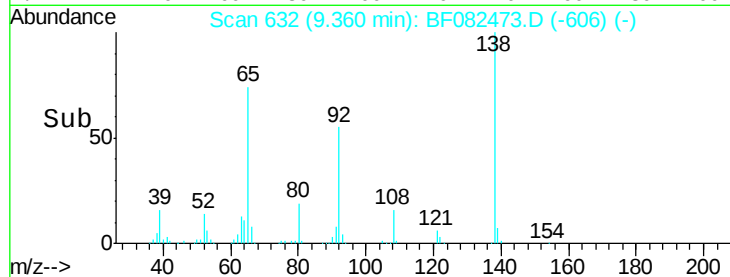
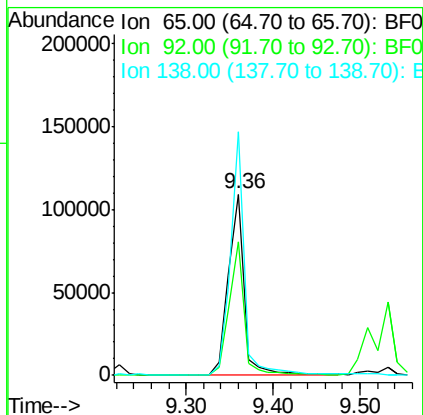
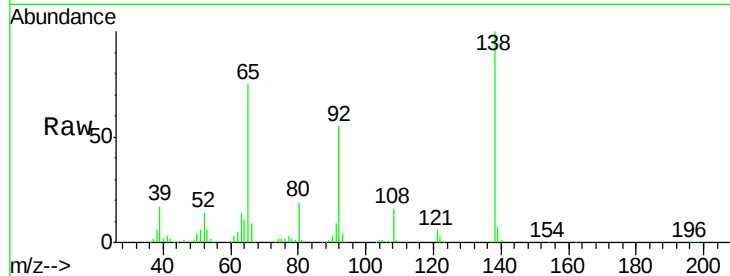
Tot Ion: 65 Resp: 139645

Ion Ratio Lower Upper

65 100

92 73.6 52.3 78.5

138 134.2 72.2 108.4#



#48

Acenaphthylene

Concen: 39.05 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

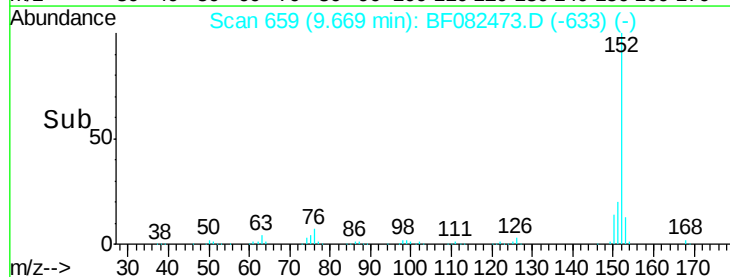
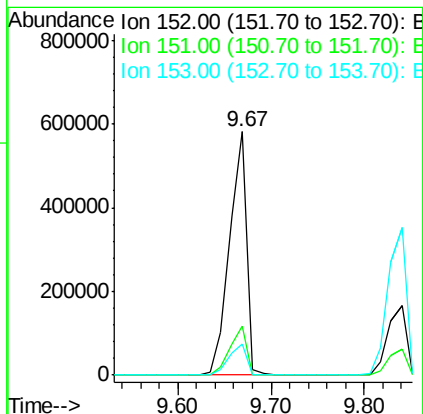
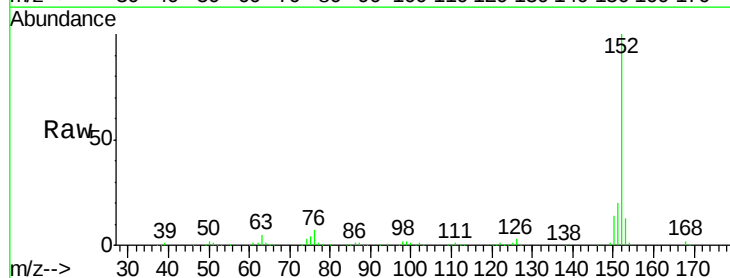
Tgt Ion: 152 Resp: 748734

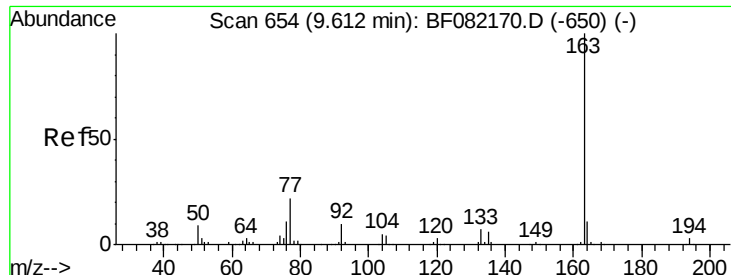
Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 12.9 10.8 16.2

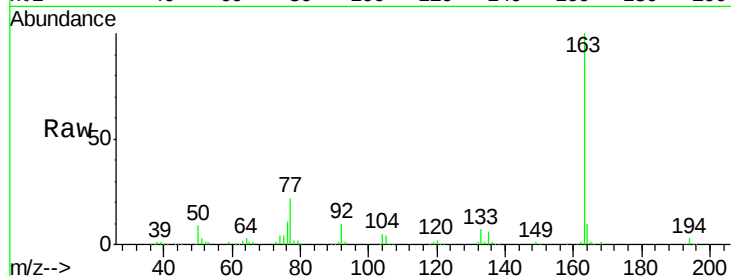




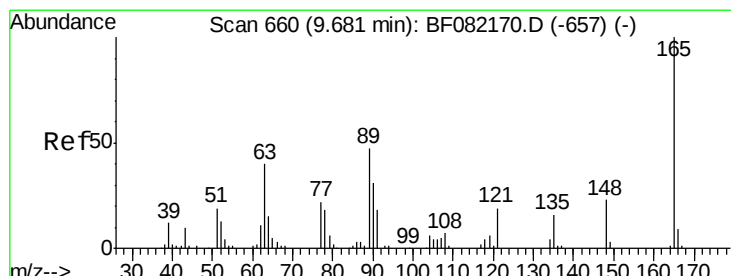
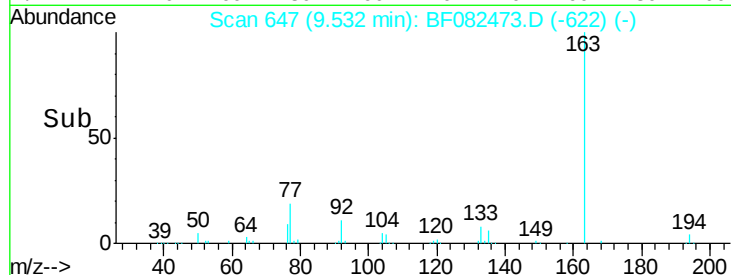
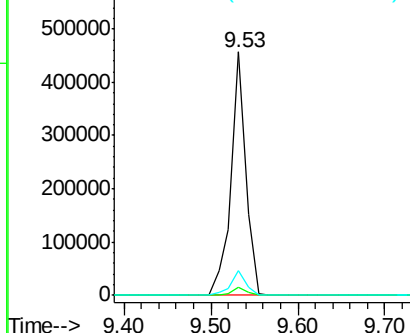
#49
Dimethylphthalate
Concen: 37.41 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:163 Resp: 540120
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.5 12.7

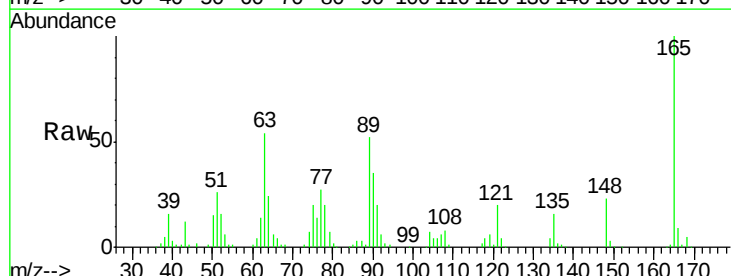


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

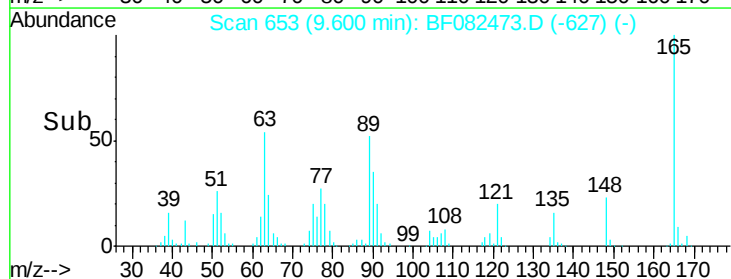
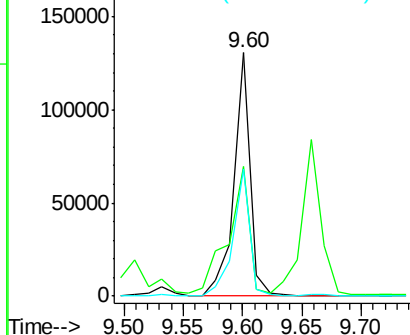


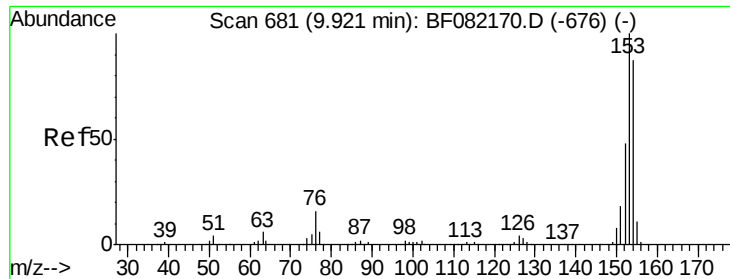
#50
2,6-Dinitrotoluene
Concen: 40.62 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:165 Resp: 123744
Ion Ratio Lower Upper
165 100
63 53.5 36.7 55.1
89 52.1 37.8 56.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.52 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

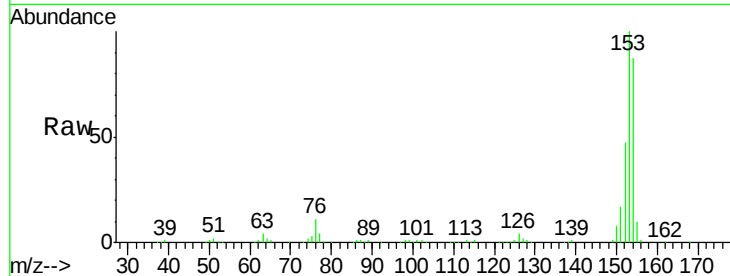
Tot Ion:154 Resp: 420309

Ion Ratio Lower Upper

154 100

153 114.6 91.4 137.2

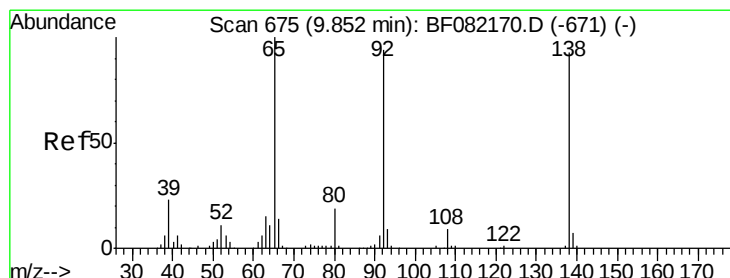
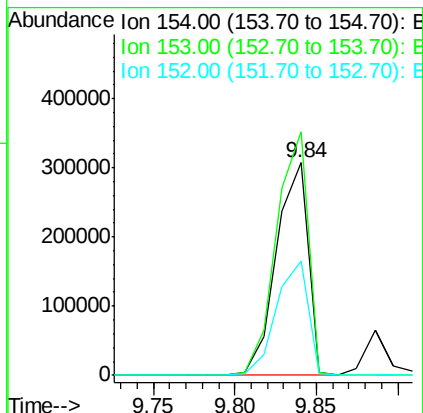
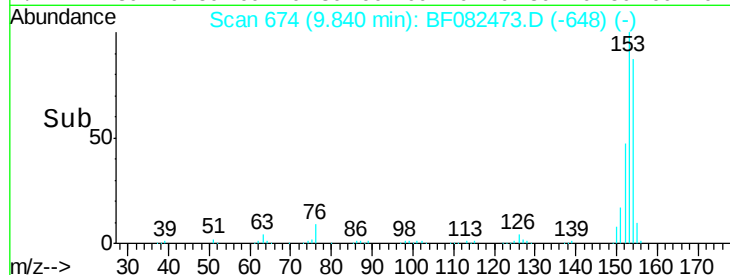
152 54.0 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.06 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

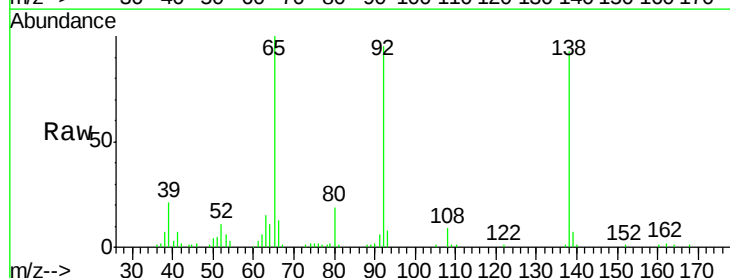
Tgt Ion:138 Resp: 75892

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

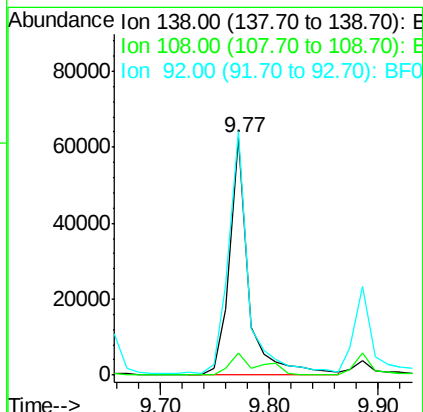
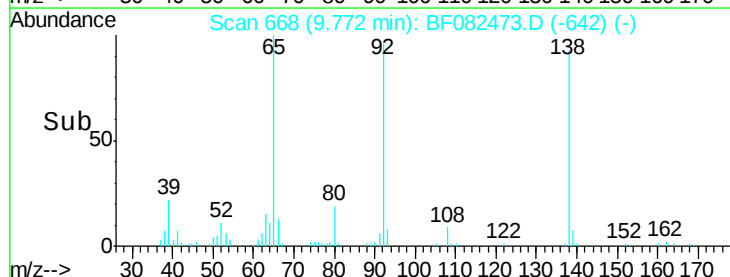
92 102.6 81.3 121.9

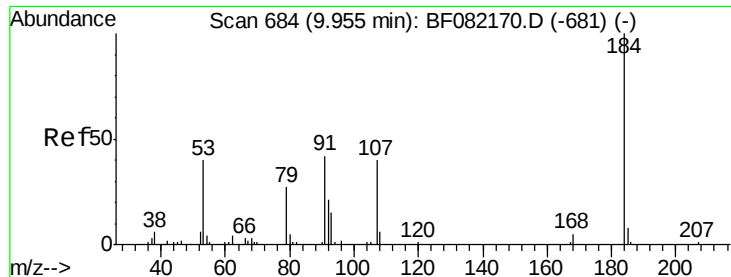


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

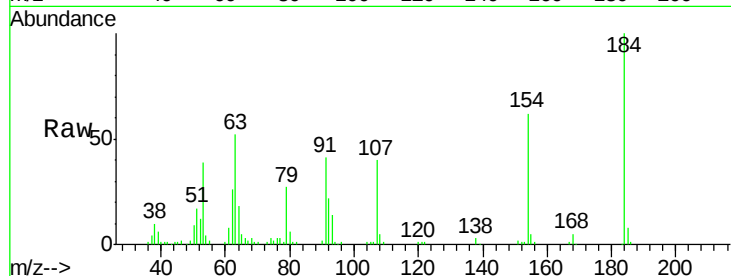




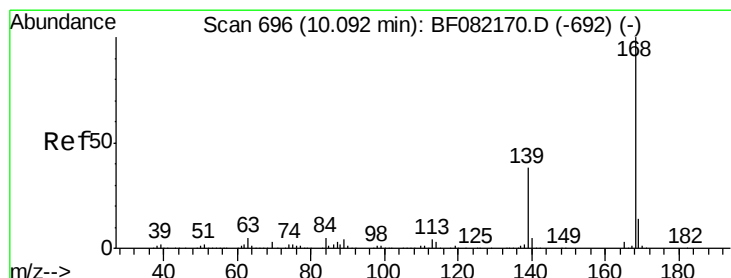
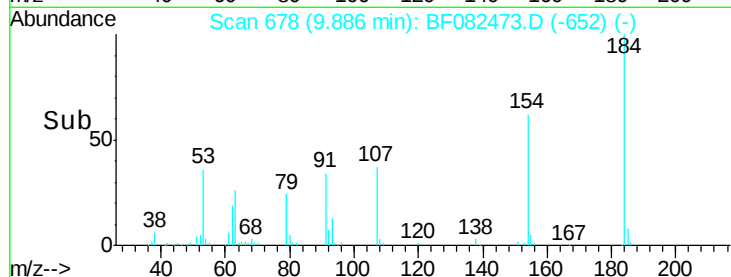
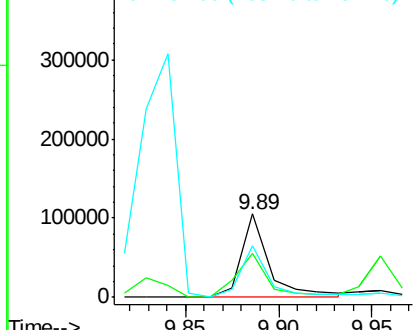
#53
2,4-Dinitrophenol
Concen: 65.89 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:184 Resp: 110085
Ion Ratio Lower Upper
184 100
63 52.5 45.1 67.7
154 61.7 51.2 76.8

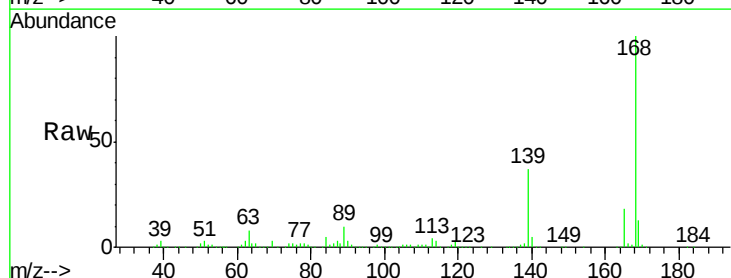


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

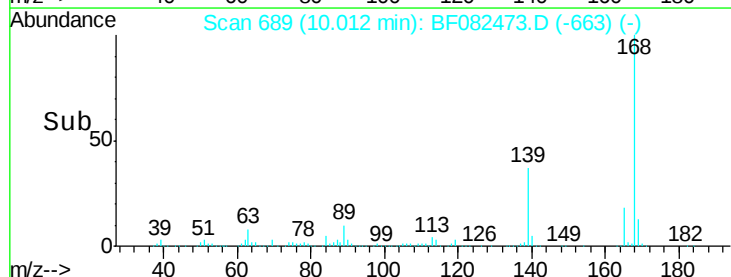
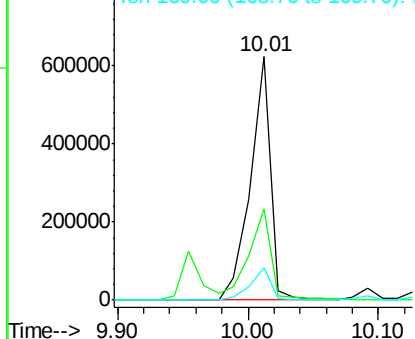


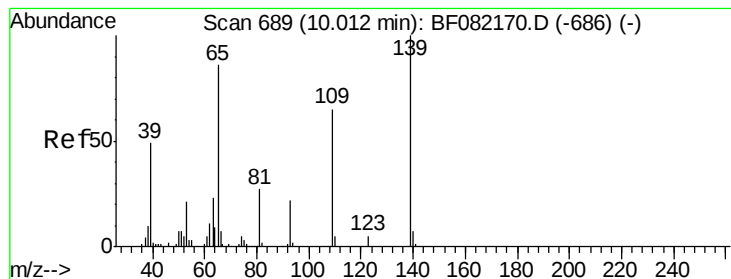
#54
Dibenzofuran
Concen: 42.38 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:168 Resp: 669697
Ion Ratio Lower Upper
168 100
139 37.3 31.0 46.6
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 60.57 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

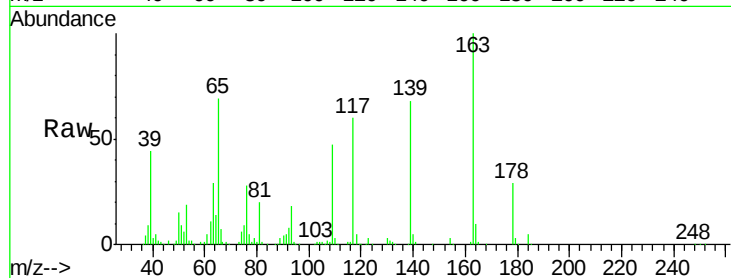
Tot Ion:139 Resp: 130003

Ion Ratio Lower Upper

139 100

109 69.2 44.8 84.8

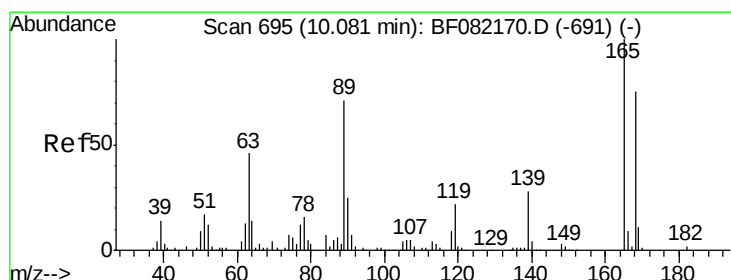
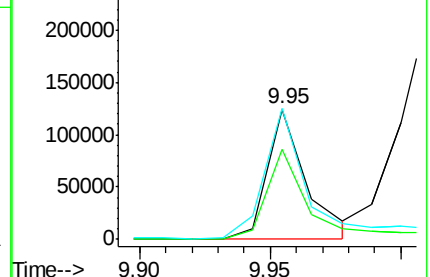
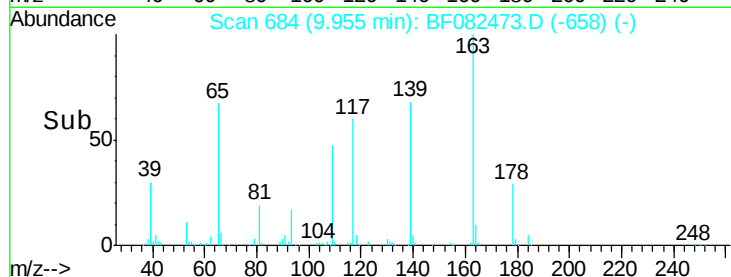
65 101.1 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.67 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion:165 Resp: 158642

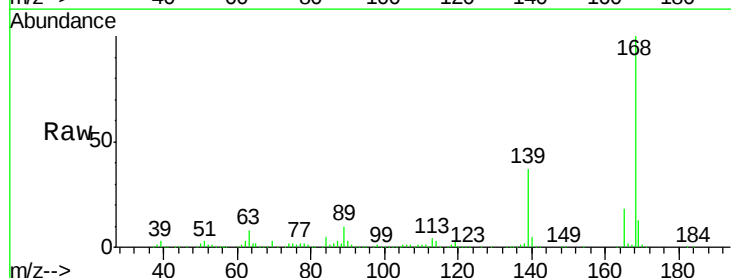
Ion Ratio Lower Upper

165 100

63 46.4 38.6 58.0

89 58.6 57.0 85.6

182 2.4 1.8 2.6

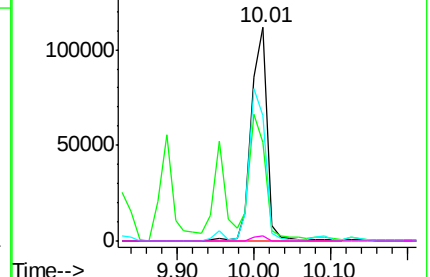
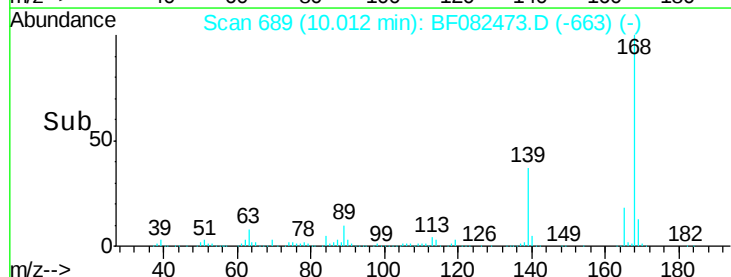


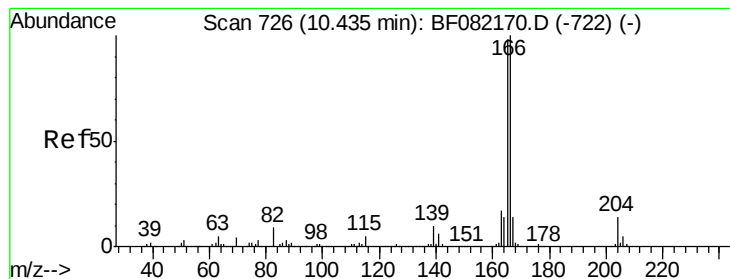
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.35 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

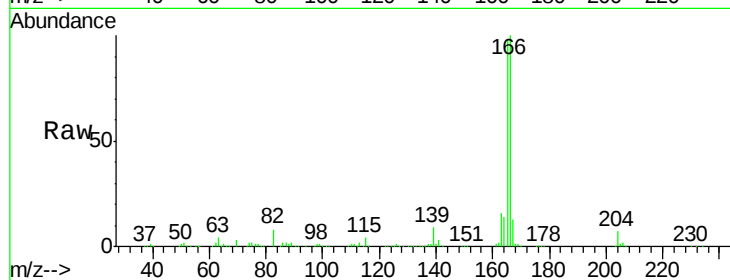
Tot Ion:166 Resp: 549674

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

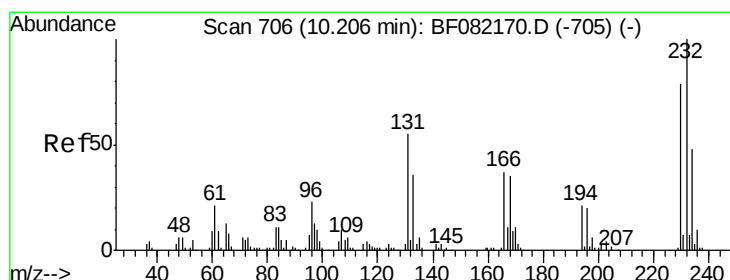
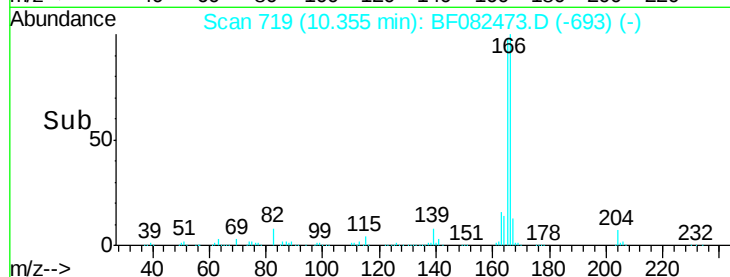
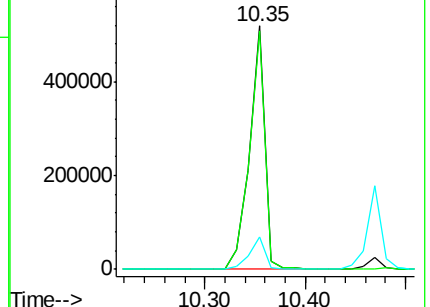
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.86 ng

RT: 10.14 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion:232 Resp: 132128

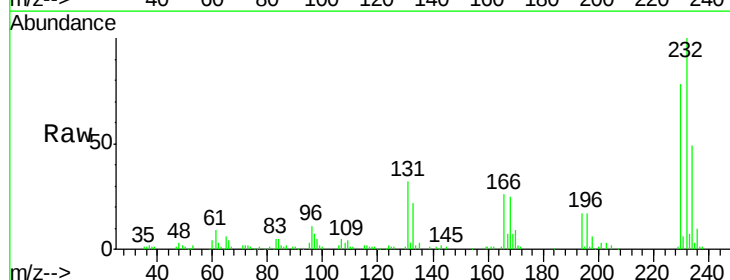
Ion Ratio Lower Upper

232 100

131 41.8 36.6 54.8

130 1.7 1.5 2.3

166 28.3 24.6 37.0

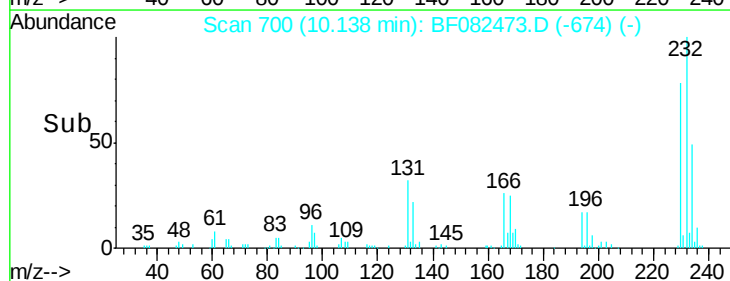
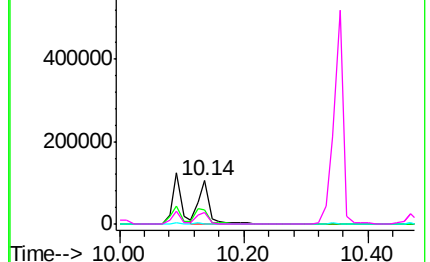


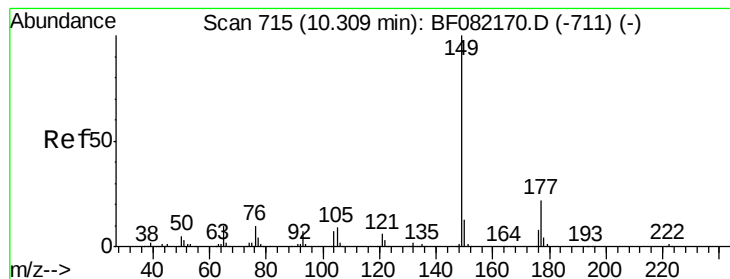
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.92 ng

RT: 10.23 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

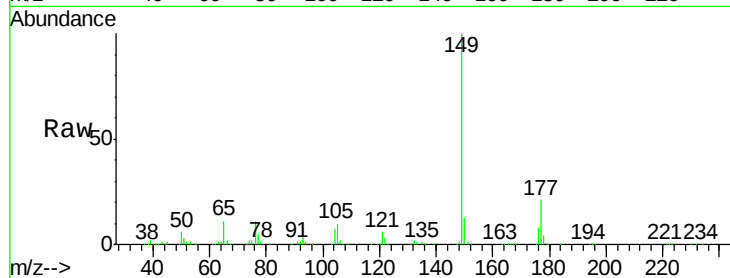
Tot Ion:149 Resp: 523772

Ion Ratio Lower Upper

149 100

177 20.8 17.6 26.4

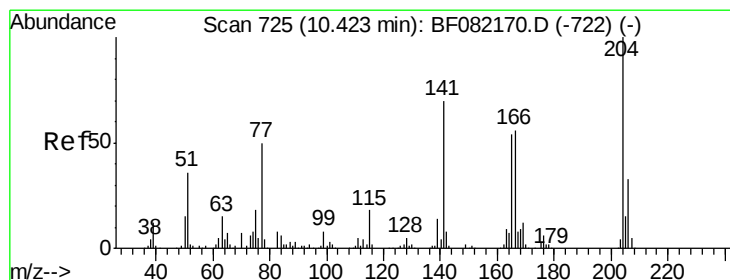
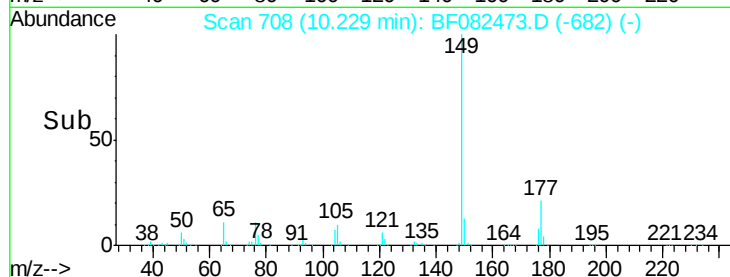
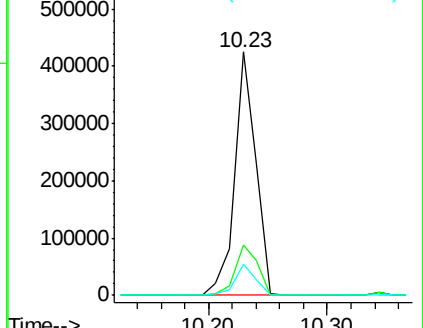
150 12.9 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.25 ng

RT: 10.34 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

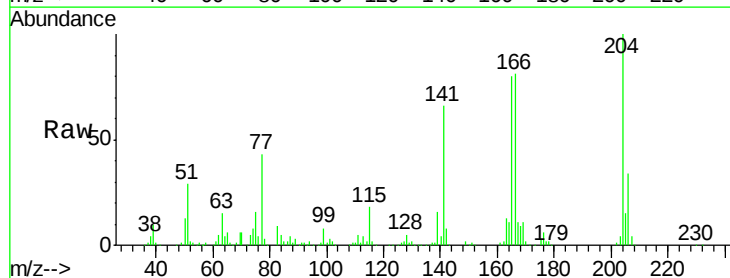
Tgt Ion:204 Resp: 239285

Ion Ratio Lower Upper

204 100

206 34.3 26.8 40.2

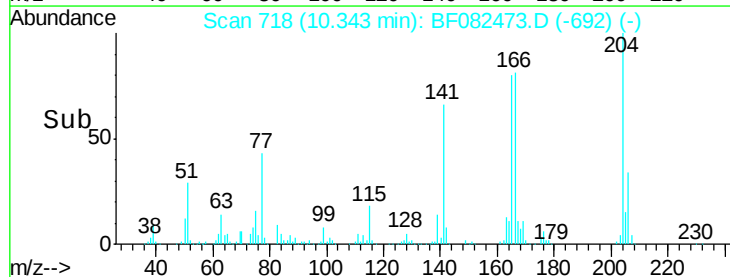
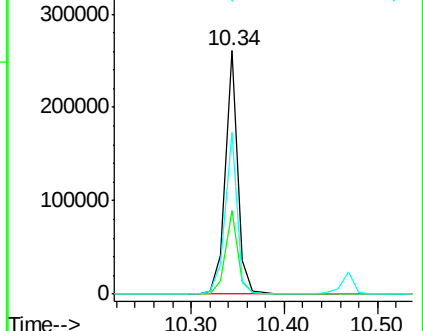
141 66.2 56.1 84.1

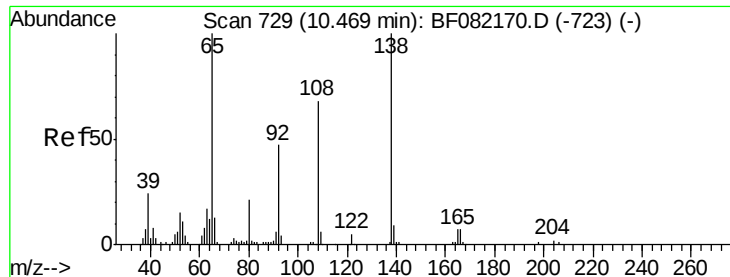


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

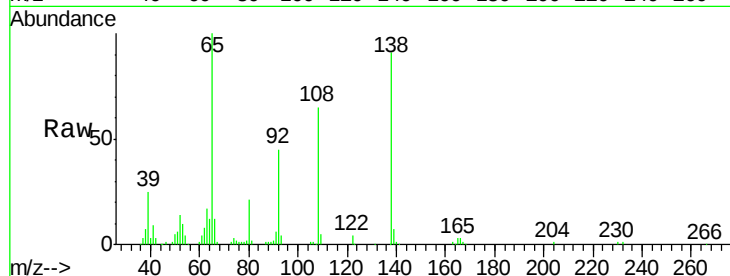




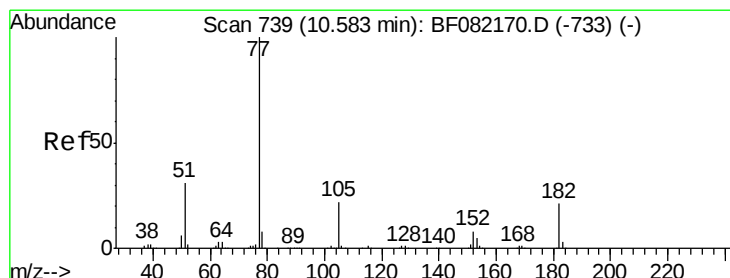
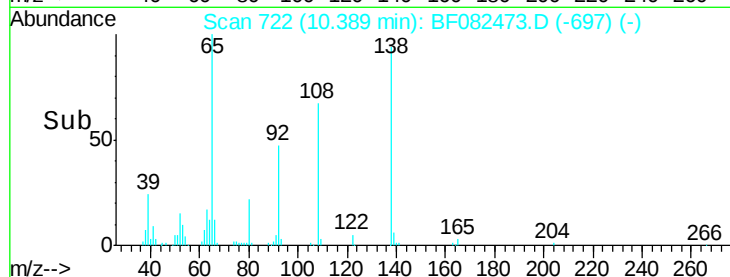
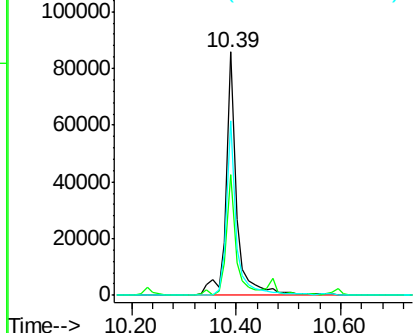
#61
4-Nitroaniline
Concen: 36.08 ng
RT: 10.39 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:138 Resp: 120415
Ion Ratio Lower Upper
138 100
92 49.7 26.8 66.8
108 71.9 48.4 88.4

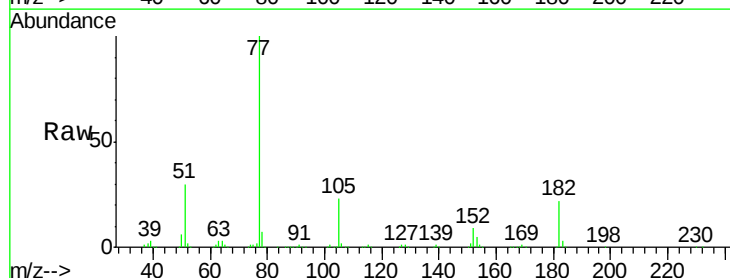


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

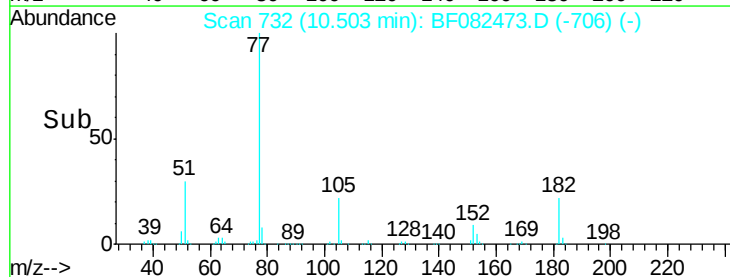
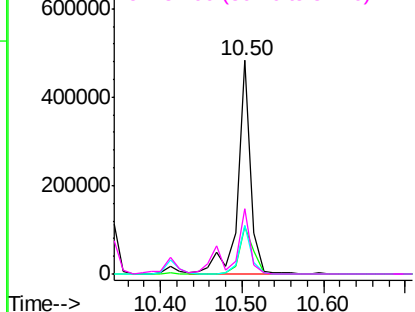


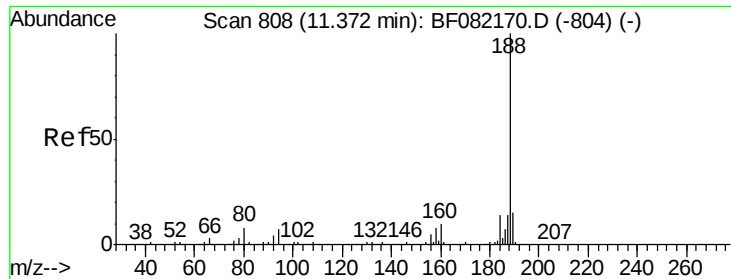
#62
Azobenzene
Concen: 39.98 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion: 77 Resp: 526587
Ion Ratio Lower Upper
77 100
182 22.3 0.5 40.5
105 22.7 1.8 41.8
51 30.3 11.2 51.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

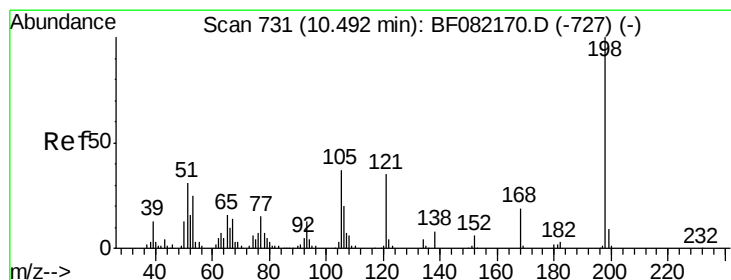
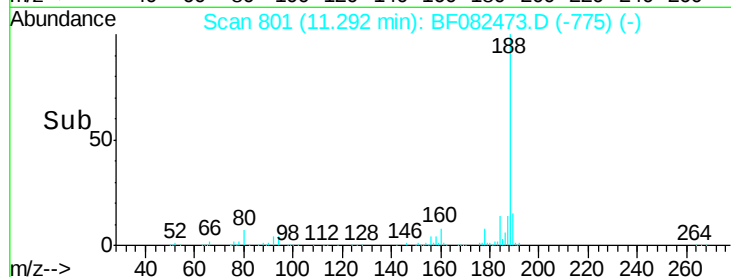
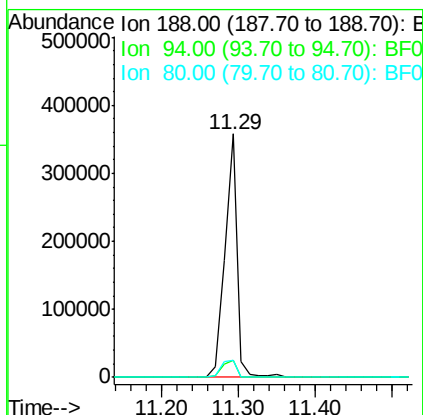
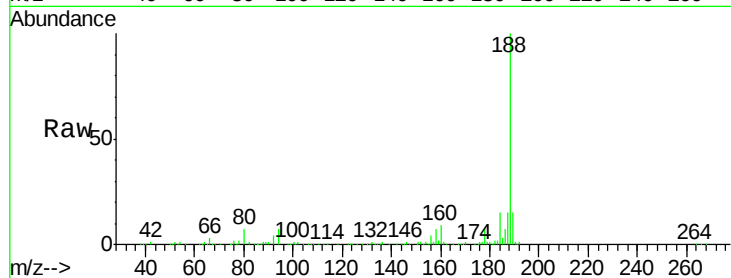




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

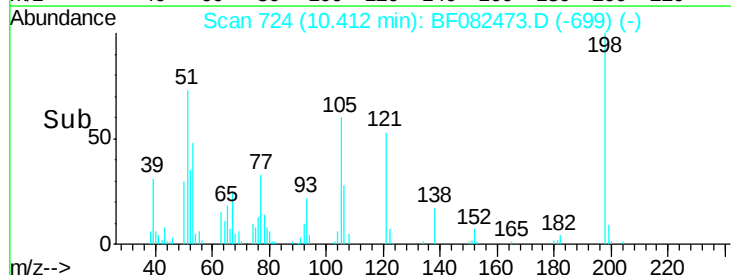
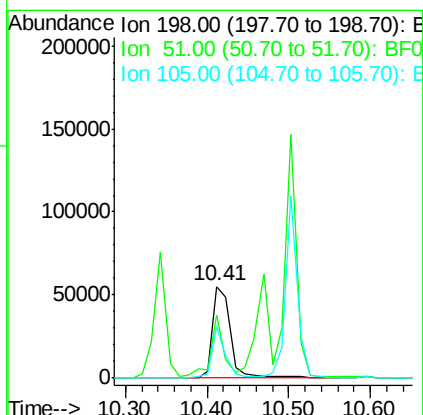
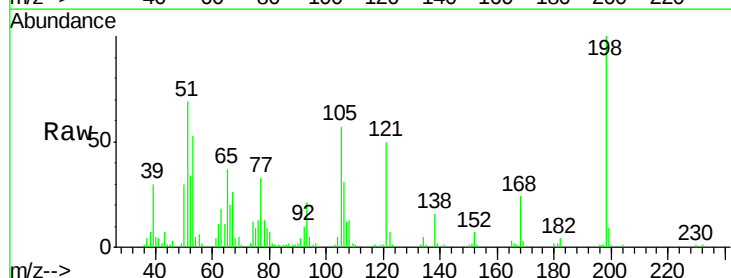
Instrument :
BNA_F
ClientSampleId :
PB86215BS

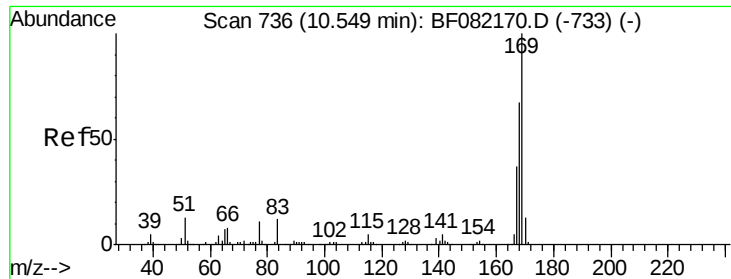
Tot Ion:188 Resp: 402158
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.6
80 7.1 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 37.63 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:198 Resp: 84936
Ion Ratio Lower Upper
198 100
51 69.2 13.6 53.6#
105 56.6 17.1 57.1

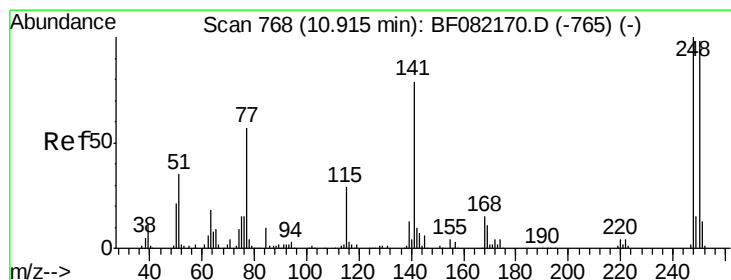
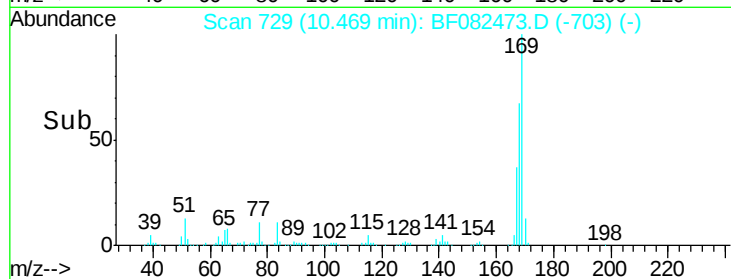
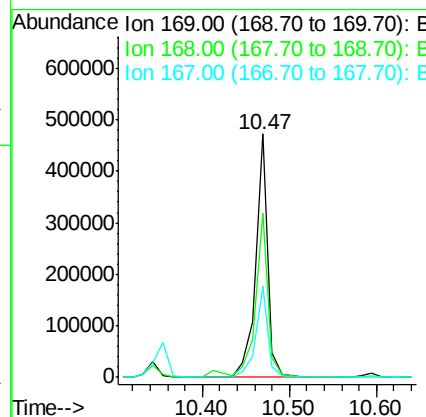
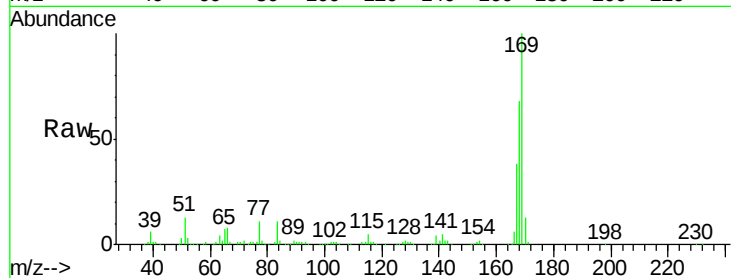




#65
 n-Nitrosodiphenylamine
 Concen: 38.57 ng
 RT: 10.47 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

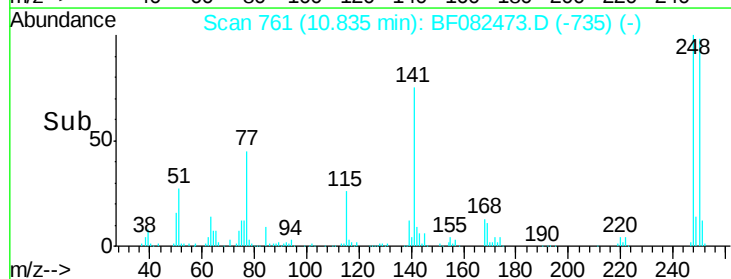
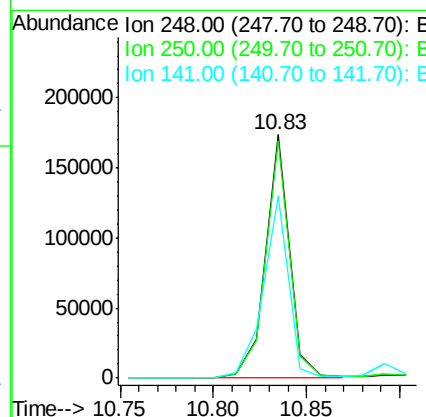
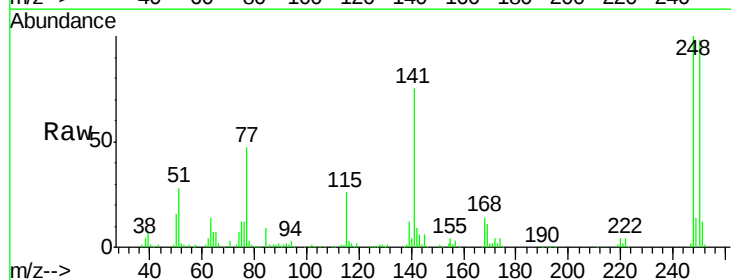
Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

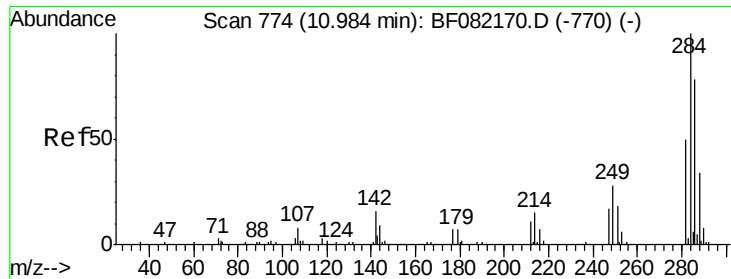
Tot Ion:169 Resp: 464375
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.0 81.0
 167 37.5 29.6 44.4



#66
 4-Bromophenyl-phenylether
 Concen: 38.30 ng
 RT: 10.83 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:248 Resp: 154135
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.6 117.8
 141 75.0 63.3 94.9

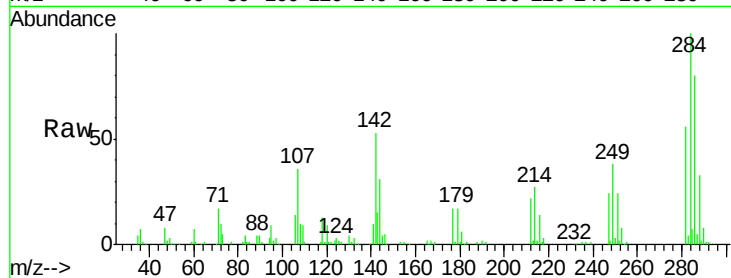




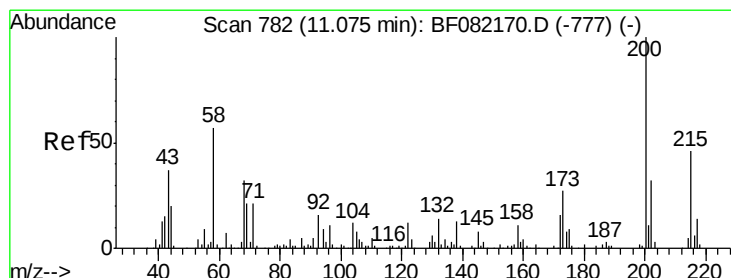
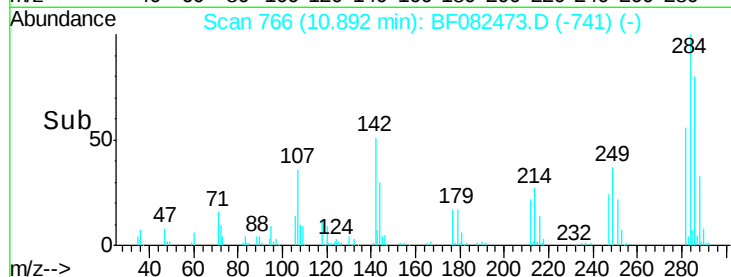
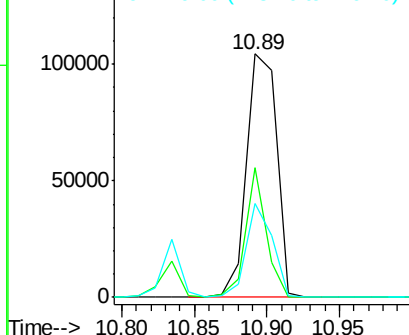
#67
Hexachlorobenzene
Concen: 34.60 ng
RT: 10.89 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:284 Resp: 150608
Ion Ratio Lower Upper
284 100
142 53.0 13.0 19.6#
249 38.3 22.5 33.7#

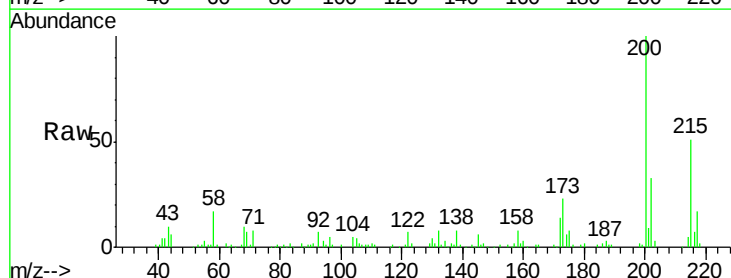


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

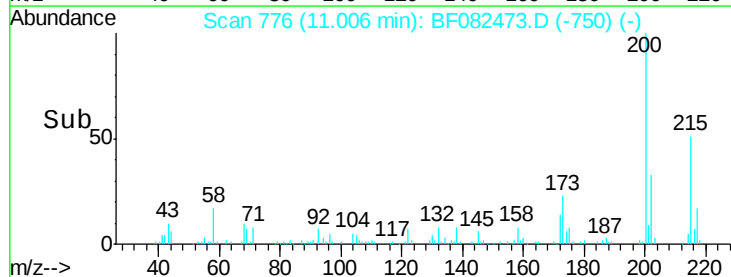
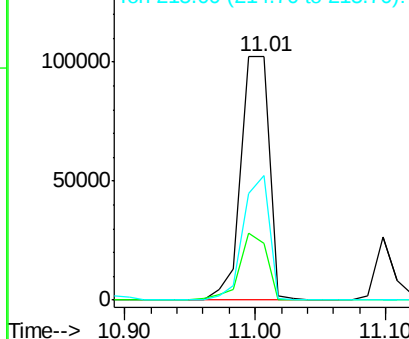


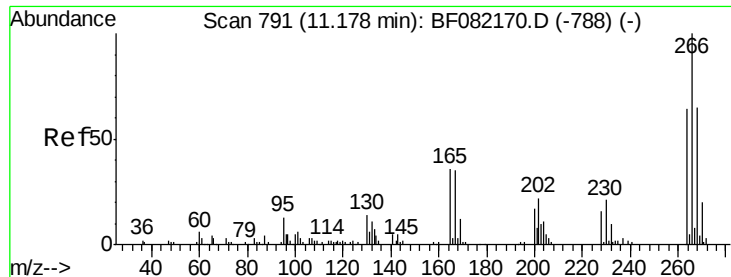
#68
Atrazine
Concen: 40.40 ng
RT: 11.01 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:200 Resp: 154101
Ion Ratio Lower Upper
200 100
173 23.1 7.3 47.3
215 51.2 26.2 66.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

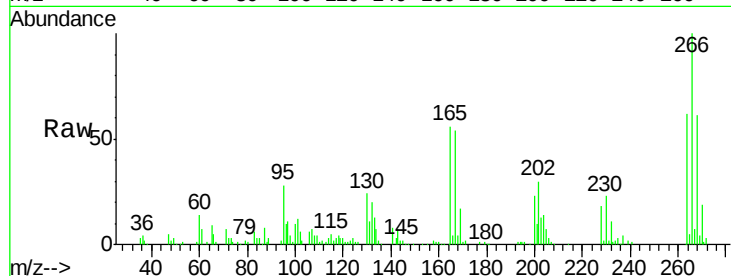




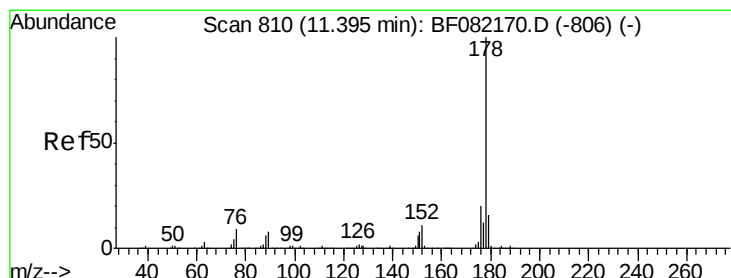
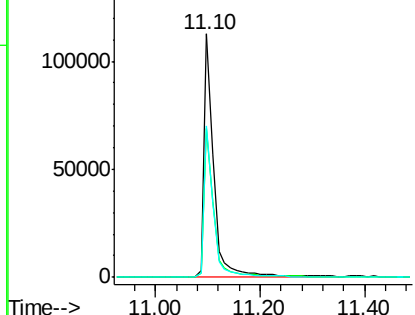
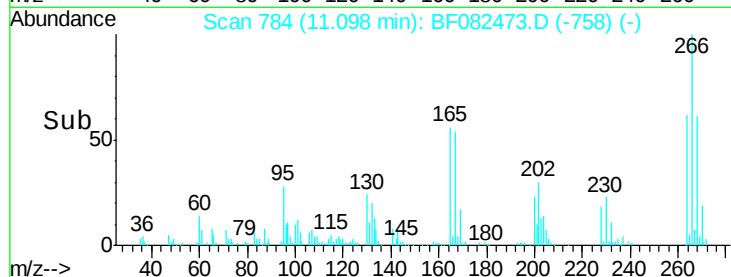
#69
 Pentachlorophenol
 Concen: 66.50 ng
 RT: 11.10 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tot Ion:266 Resp: 148937
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.0 78.0
 264 62.4 51.4 77.0

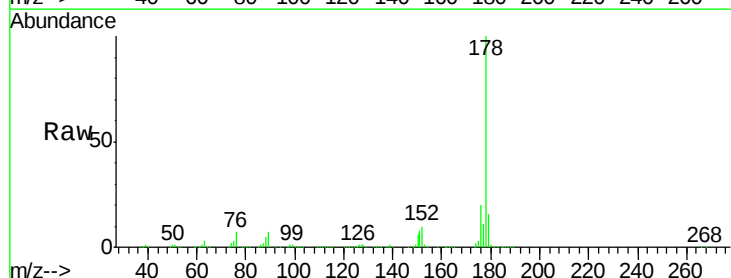


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

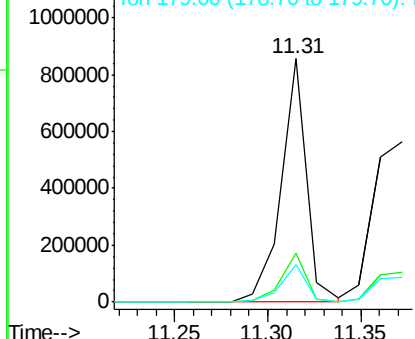
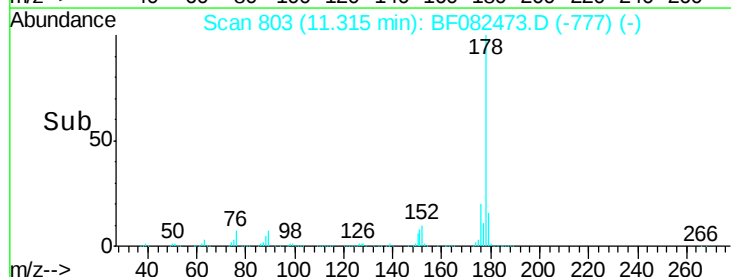


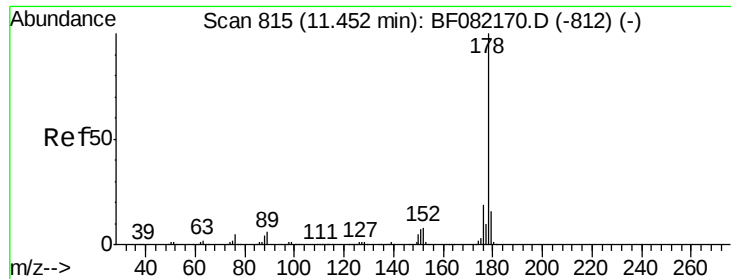
#70
 Phenanthrene
 Concen: 40.73 ng
 RT: 11.31 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:178 Resp: 802917
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

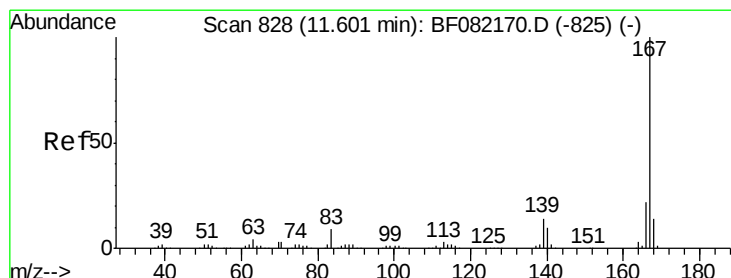
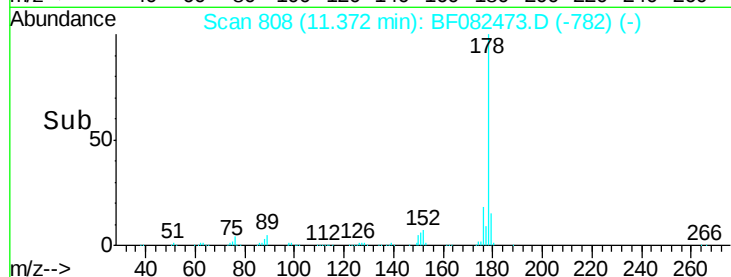
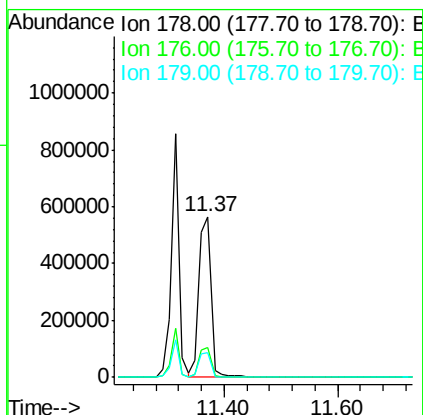
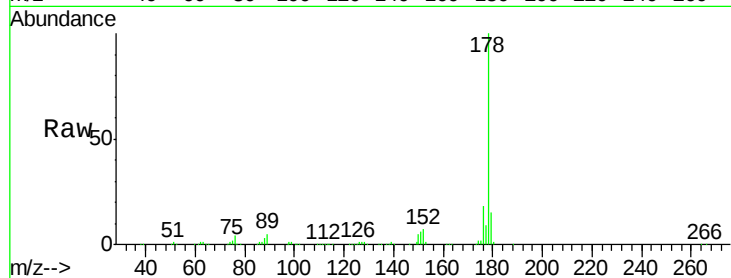




#71
 Anthracene
 Concen: 40.41 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

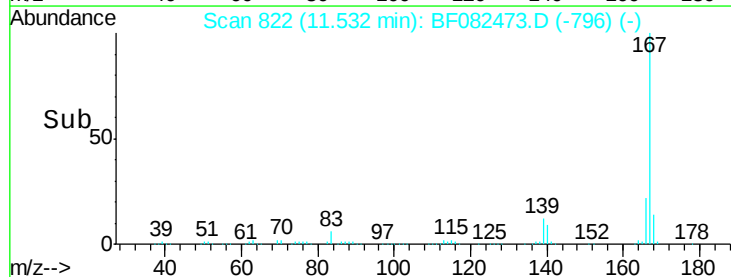
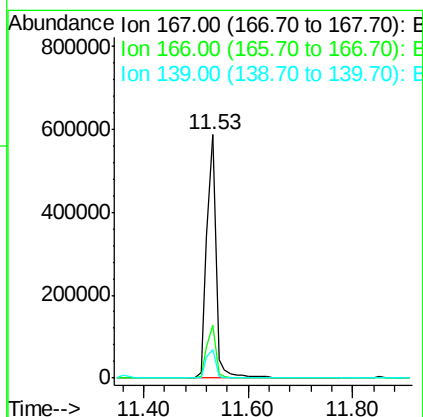
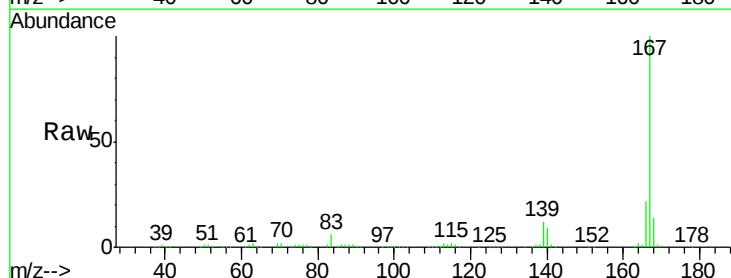
Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

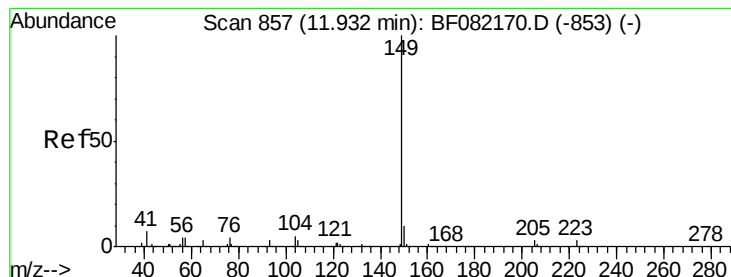
Tot Ion:178 Resp: 820886
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.2 12.5 18.7



#72
 Carbazole
 Concen: 39.38 ng
 RT: 11.53 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:167 Resp: 729712
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 11.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 37.59 ng

RT: 11.85 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

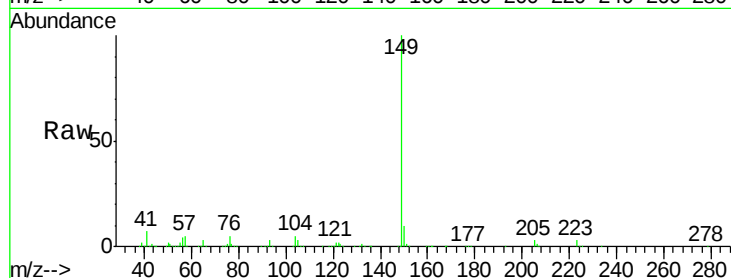
Tot Ion:149 Resp: 859329

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

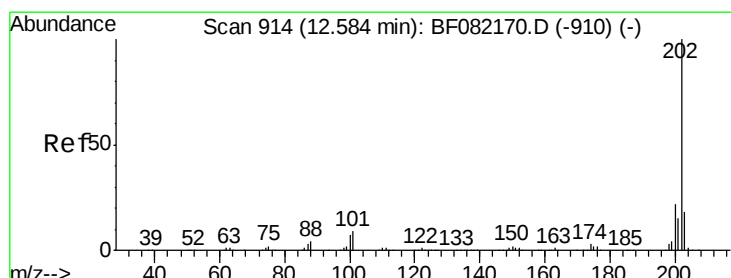
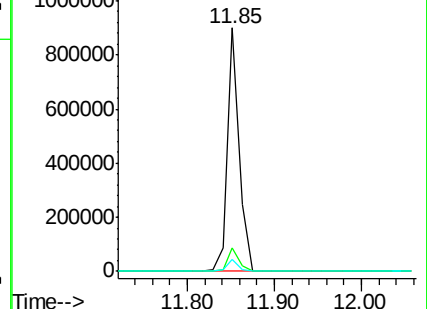
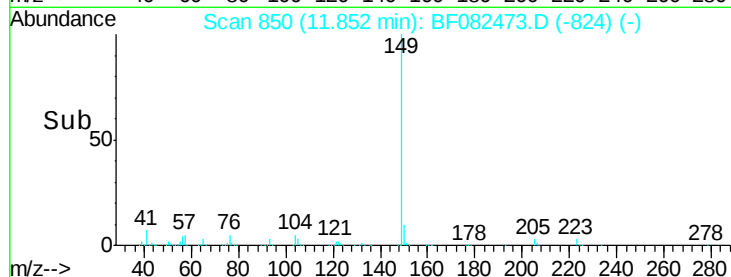
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.45 ng

RT: 12.50 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

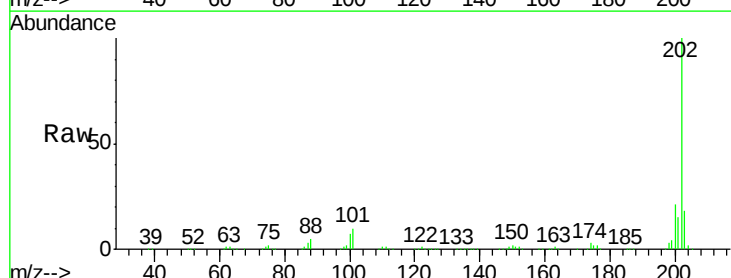
Tgt Ion:202 Resp: 856346

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

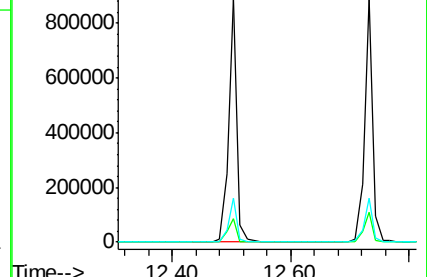
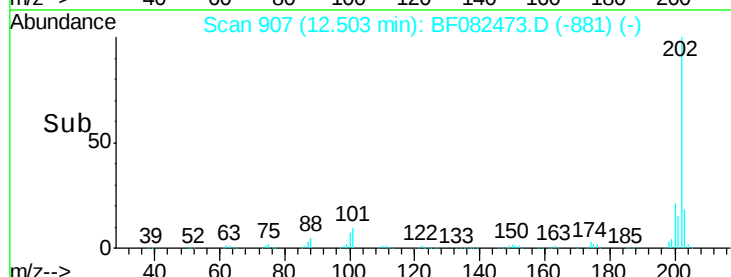
203 18.0 0.0 37.8

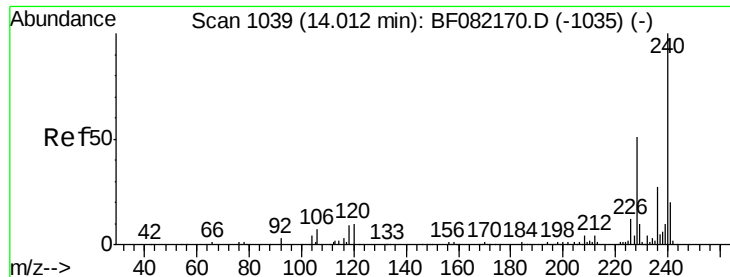


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

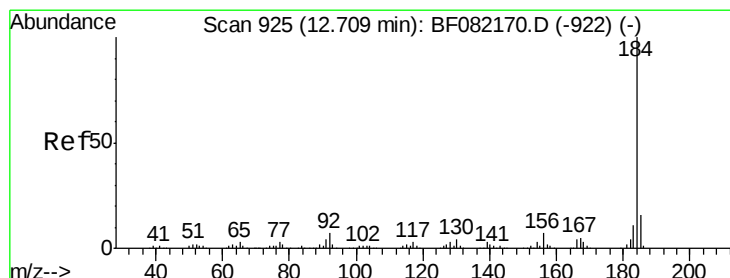
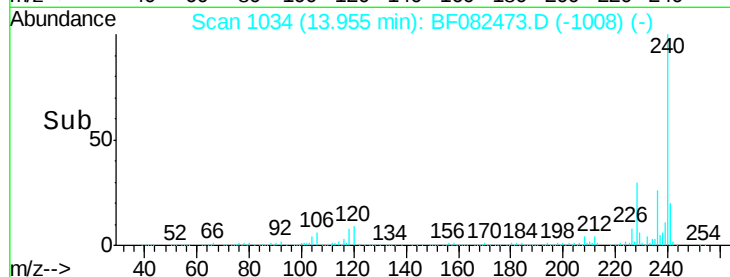
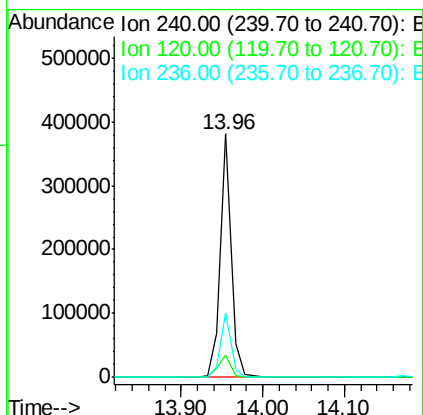
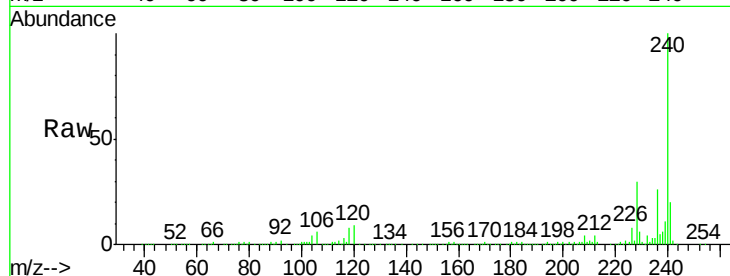




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

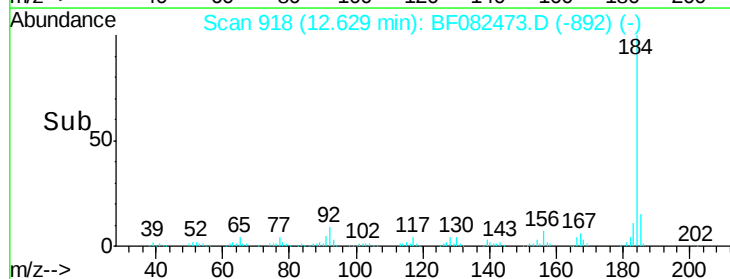
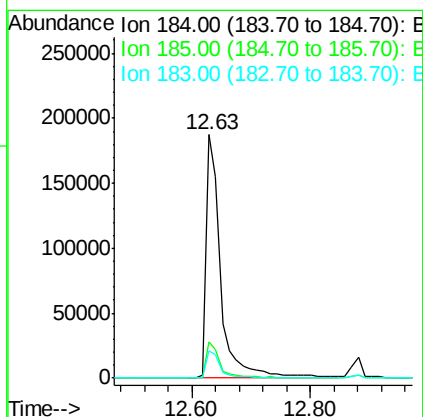
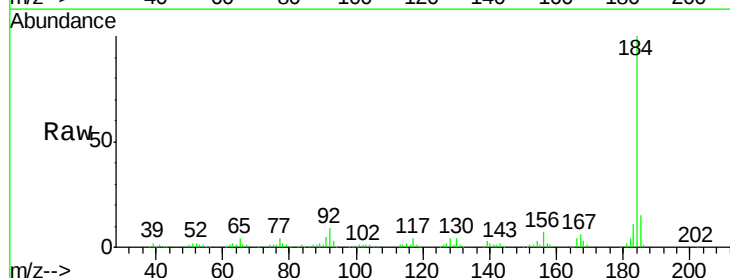
Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

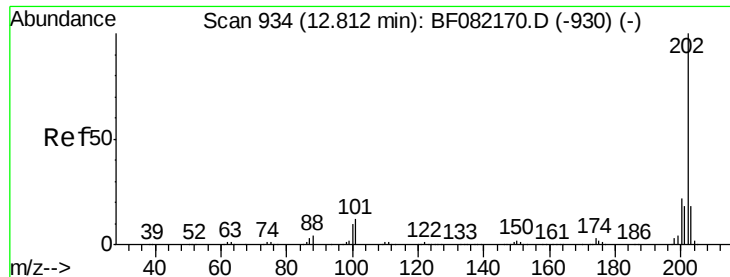
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.1	12.1
236	26.3	21.3	31.9



#76
 Benzidine
 Concen: 31.54 ng
 RT: 12.63 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.5	18.7
183	11.1	9.1	13.7

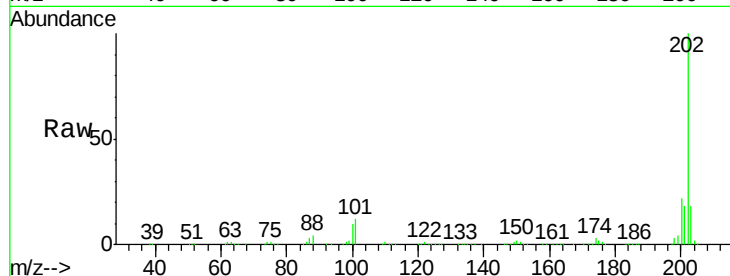




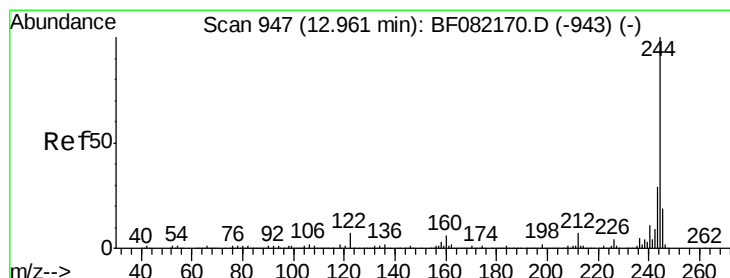
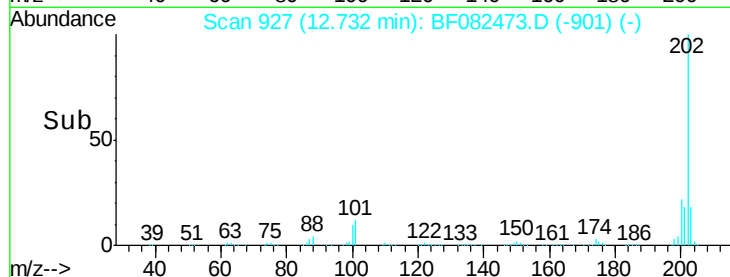
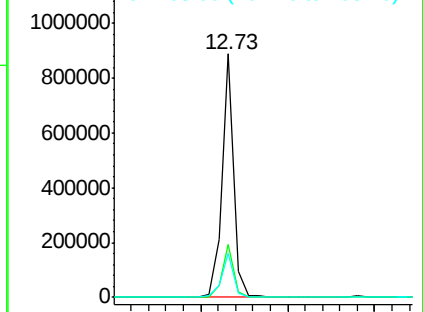
#77
Pvrene
Concen: 39.75 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tot Ion:202 Resp: 838139
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 17.9 14.5 21.7

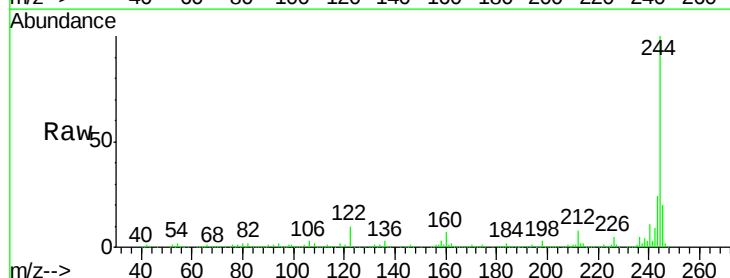


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

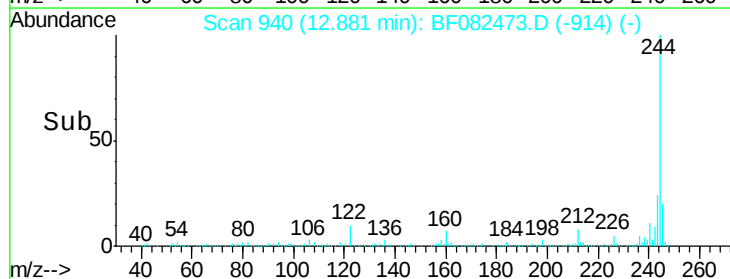
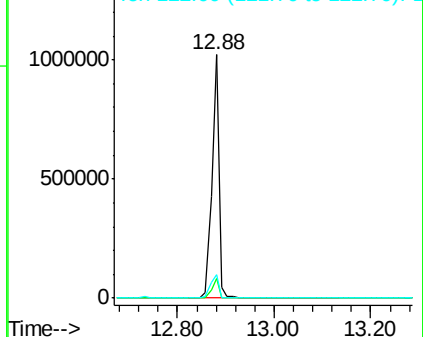


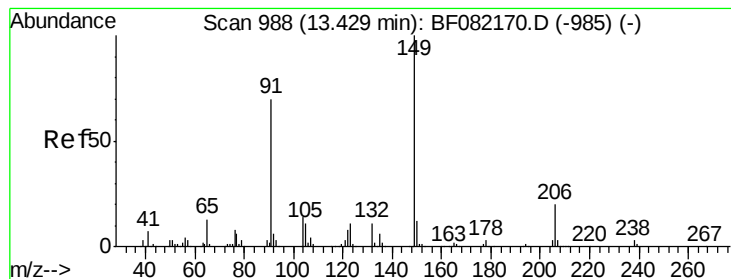
#78
Terphenyl-d14
Concen: 79.55 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion:244 Resp: 1066653
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 9.7 5.9 8.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.88 ng

RT: 13.36 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

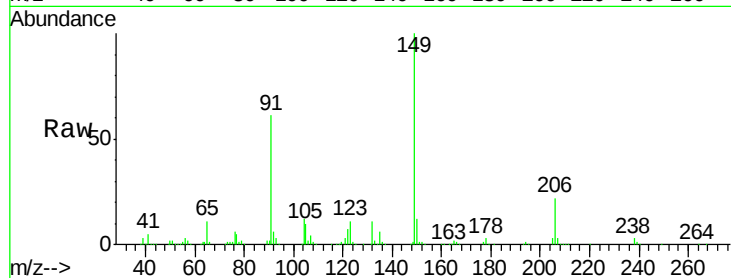
Tot Ion:149 Resp: 403042

Ion Ratio Lower Upper

149 100

91 60.7 55.7 83.5

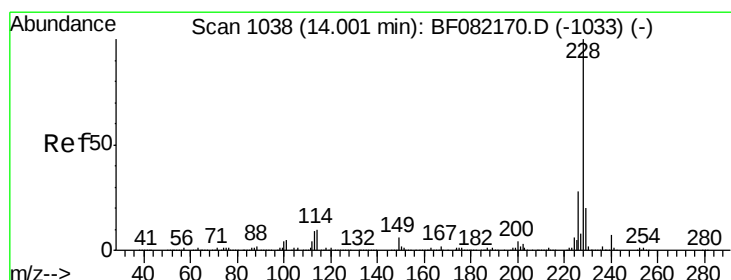
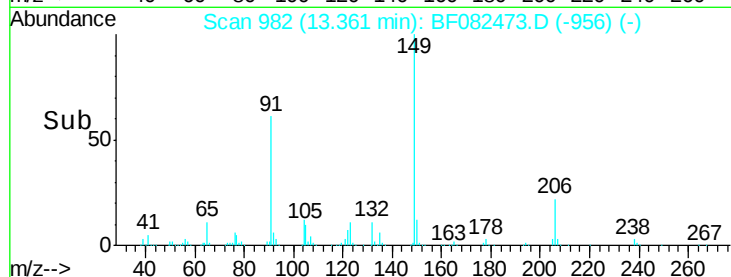
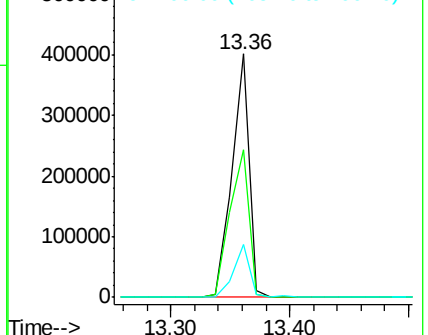
206 21.7 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.38 ng

RT: 13.94 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

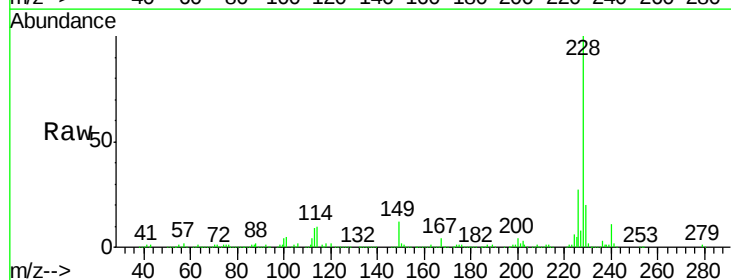
Tgt Ion:228 Resp: 728108

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

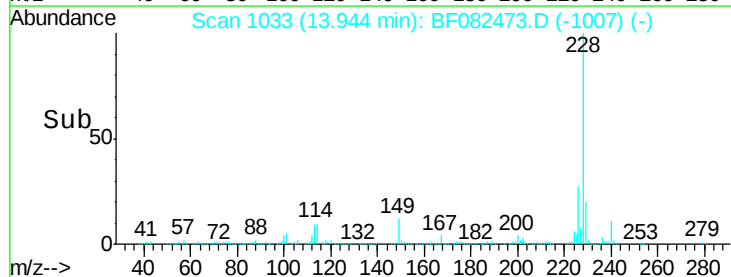
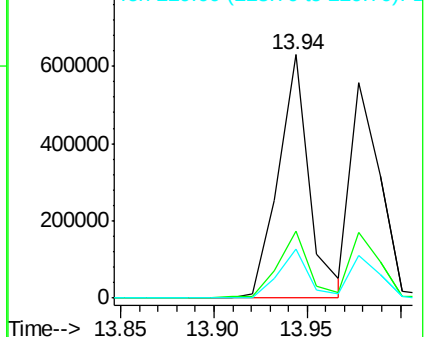
229 20.0 16.2 24.2

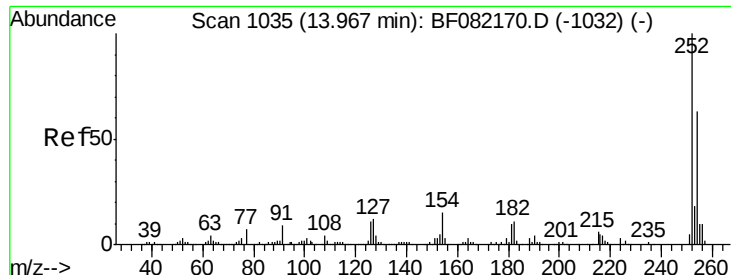


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

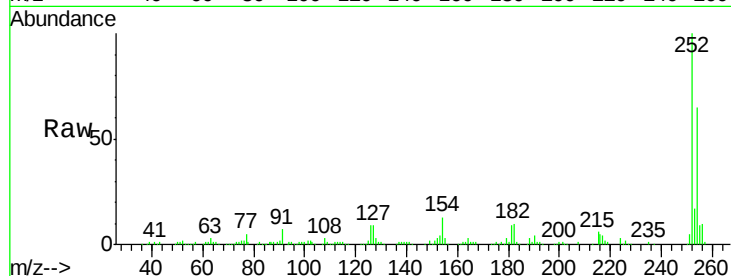




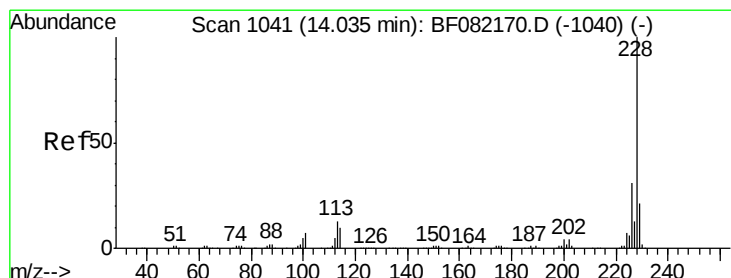
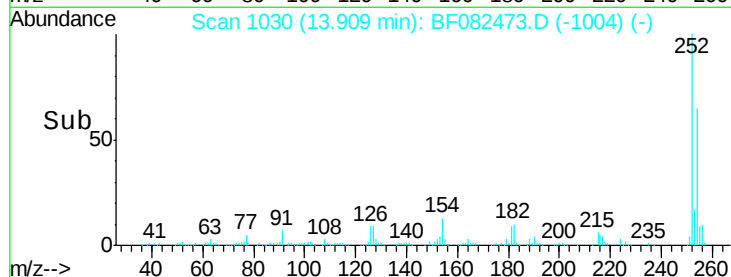
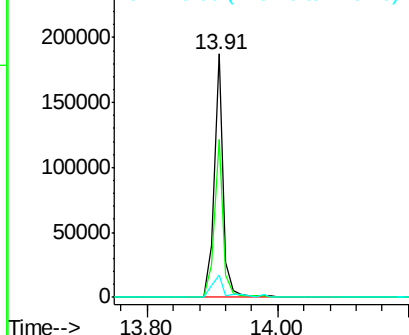
#81
 3,3'-Dichlorobenzidine
 Concen: 26.53 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tot Ion:252 Resp: 186203
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.7 76.1
 126 9.3 9.0 13.6

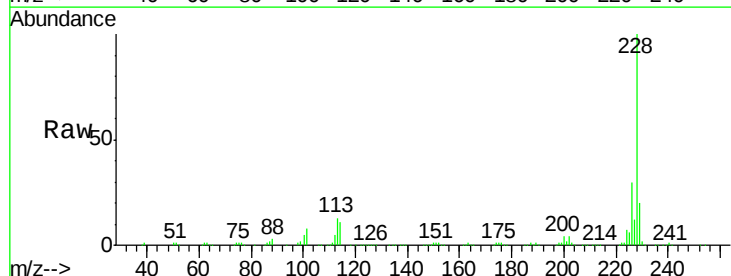


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

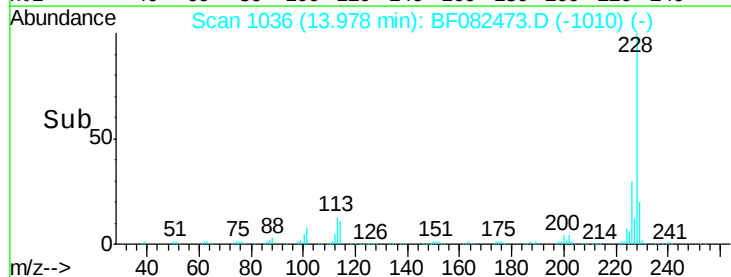
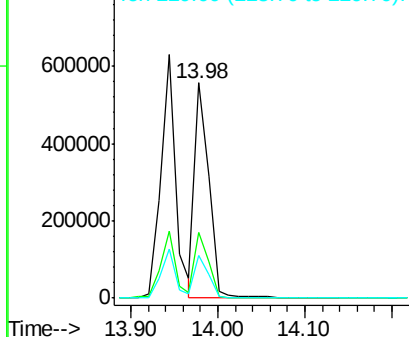


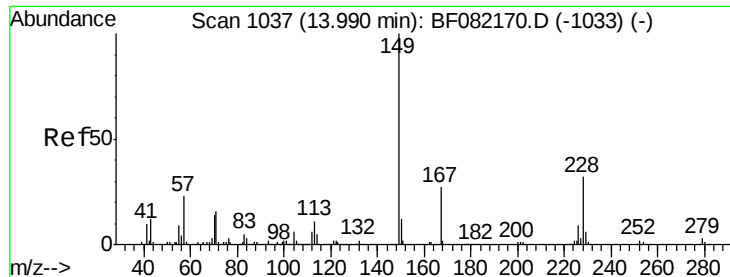
#82
 Chrysene
 Concen: 32.27 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:228 Resp: 628550
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.4 36.6
 229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

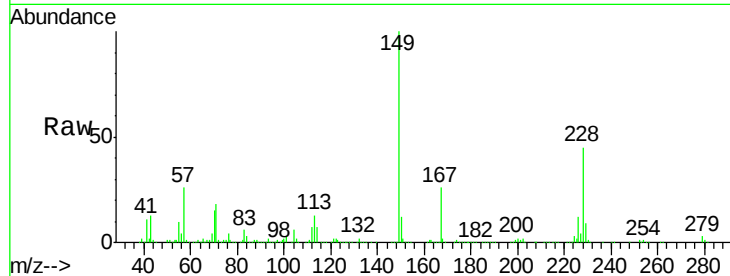




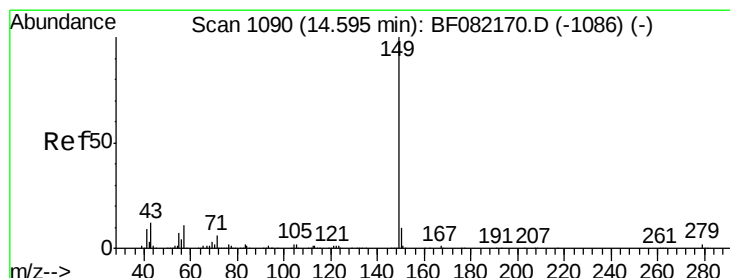
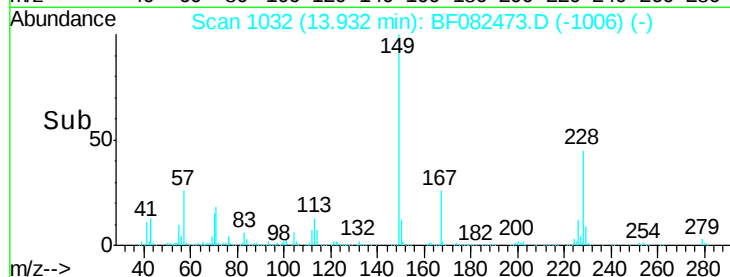
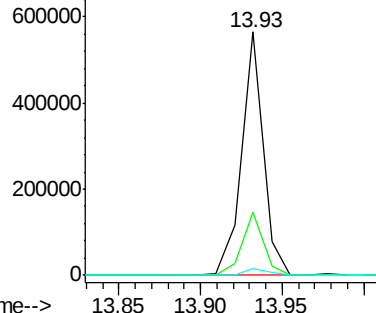
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.22 ng
 RT: 13.93 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tot Ion:149 Resp: 524742
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.9 2.6 4.0

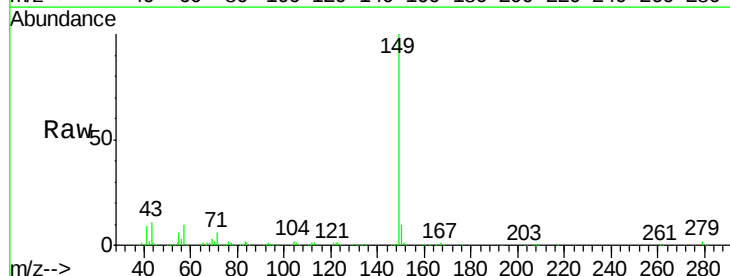


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

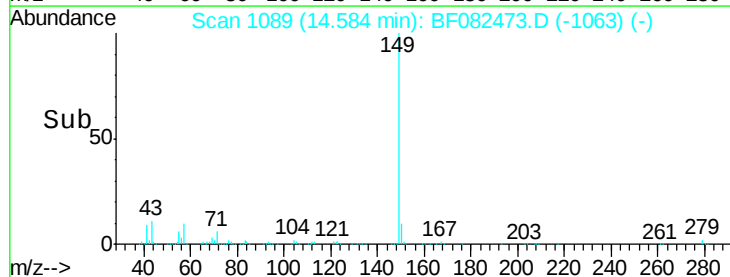
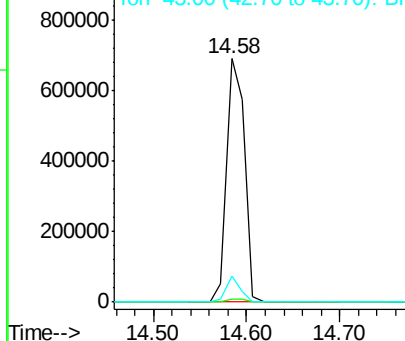


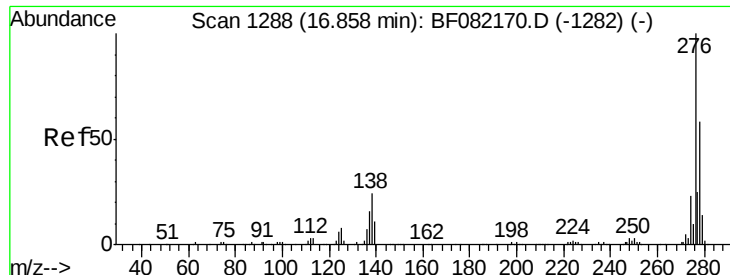
#84
 Di-n-octyl phthalate
 Concen: 38.92 ng
 RT: 14.58 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:149 Resp: 917777
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 8.9 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.16 ng

RT: 16.82 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

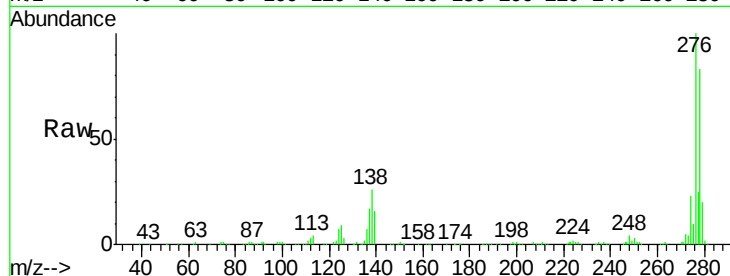
Tot Ion:276 Resp: 575433

Ion Ratio Lower Upper

276 100

138 26.5 19.7 29.5

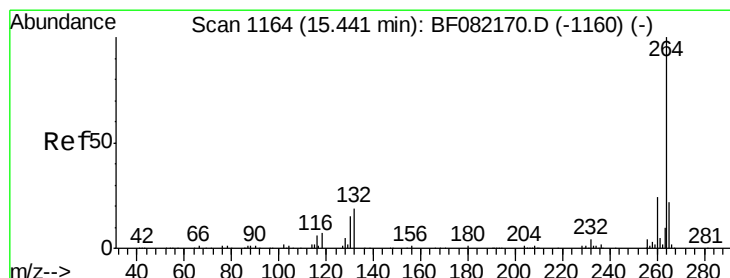
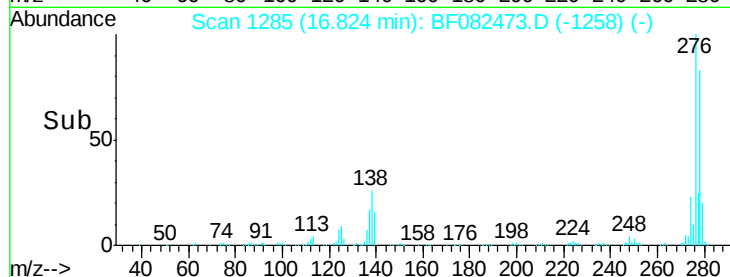
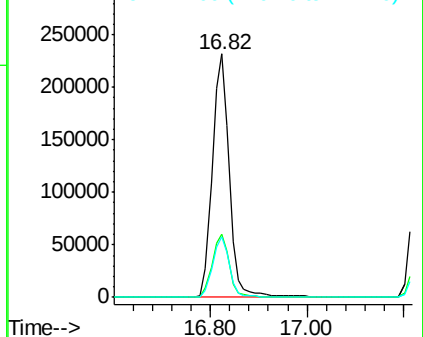
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

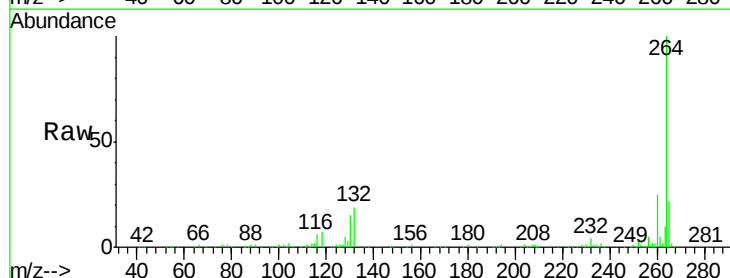
Tgt Ion:264 Resp: 291497

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

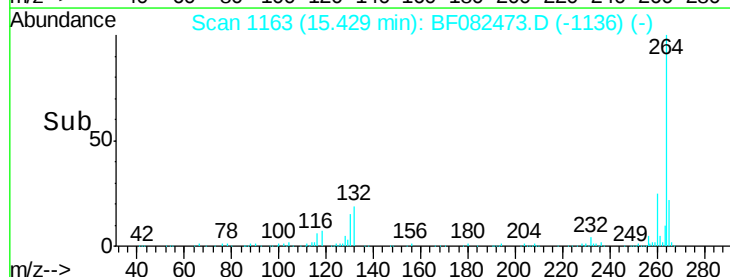
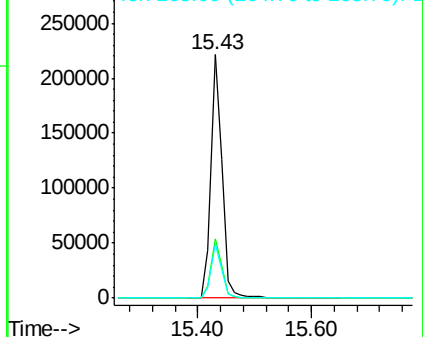
265 22.2 17.3 25.9

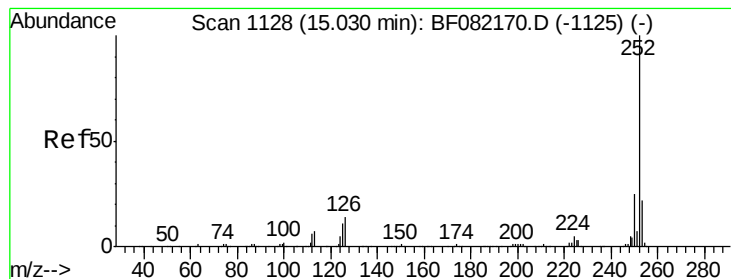


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 72.34 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

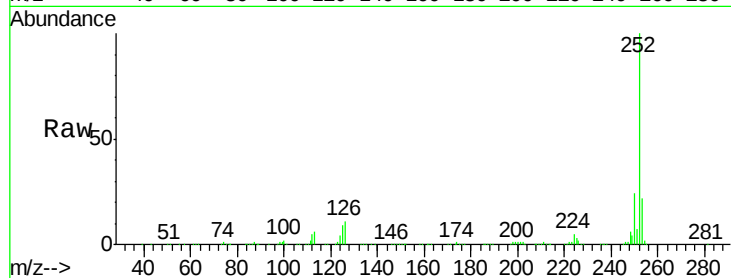
Tot Ion:252 Resp: 1282897

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

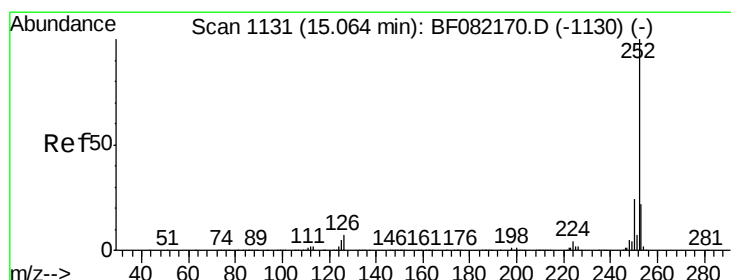
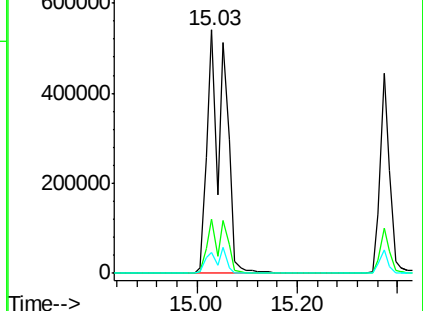
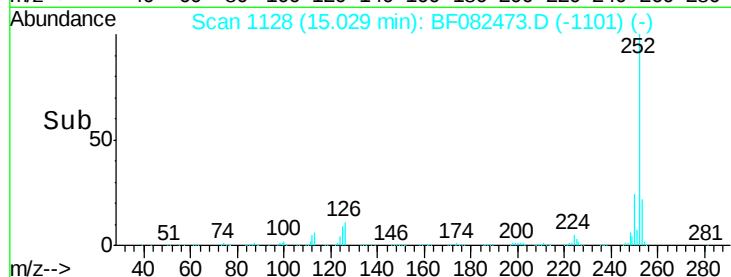
125 8.7 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.12 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

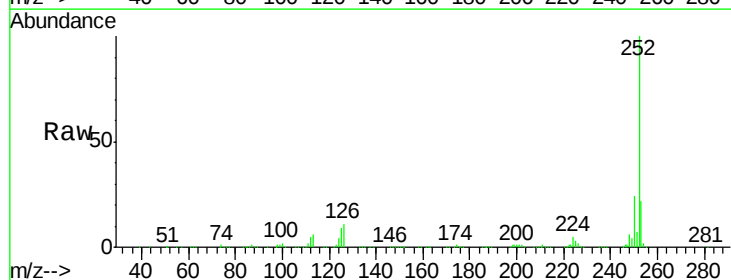
Tgt Ion:252 Resp: 1283752

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

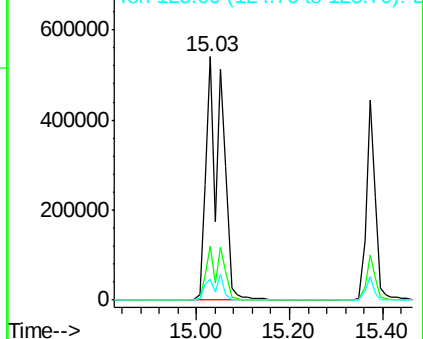
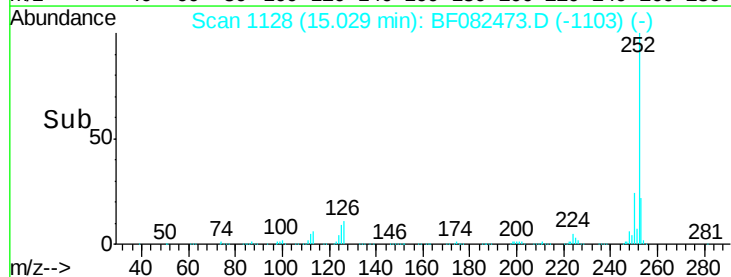
125 8.7 6.7 10.1

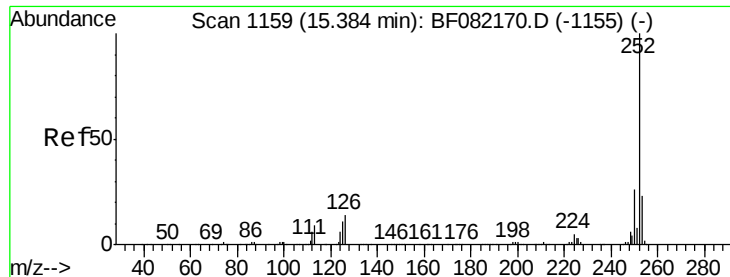


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.19 ng

RT: 15.37 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

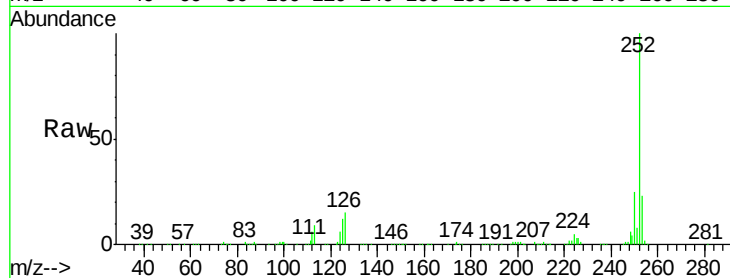
Tot Ion:252 Resp: 597327

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

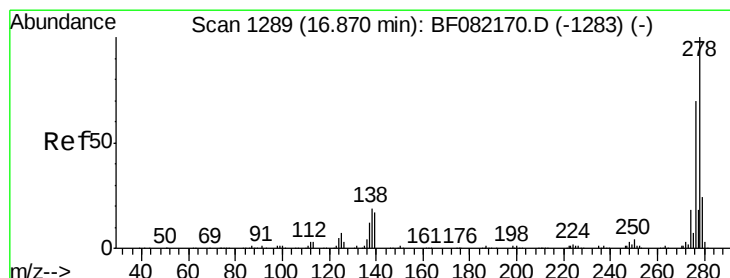
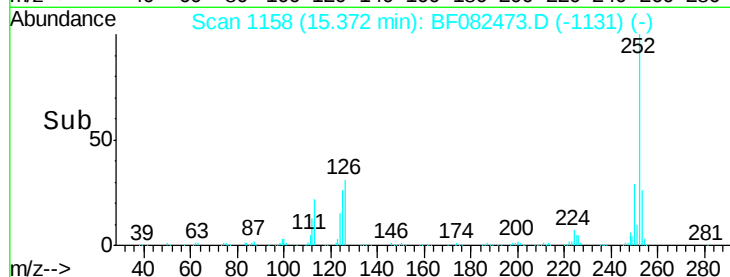
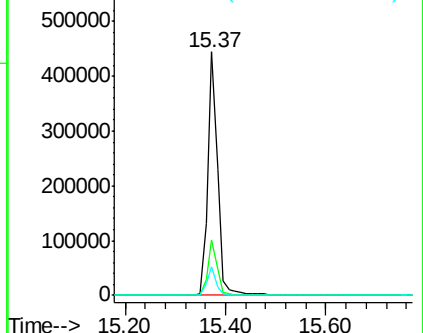
125 11.8 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.96 ng

RT: 16.84 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

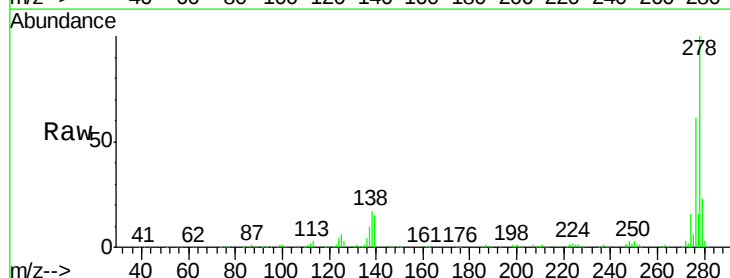
Tgt Ion:278 Resp: 486647

Ion Ratio Lower Upper

278 100

139 15.0 13.3 19.9

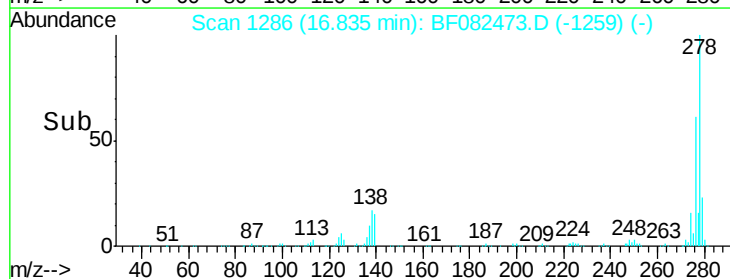
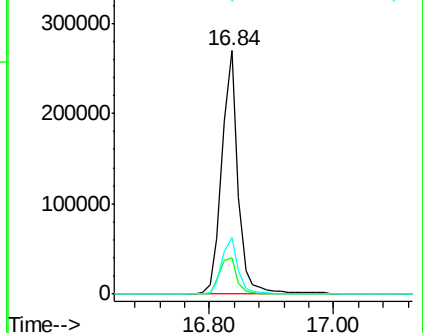
279 23.4 18.9 28.3

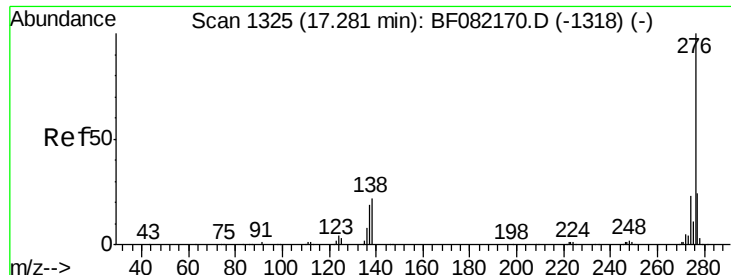


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.75 ng

RT: 17.24 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS

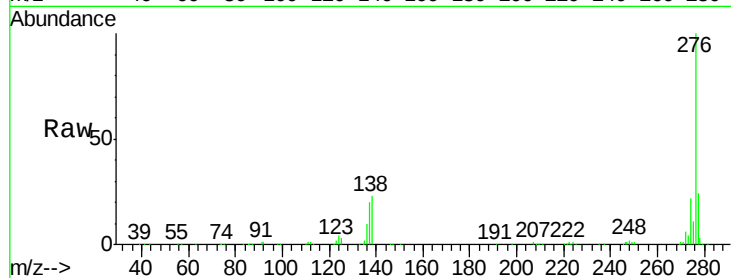
Tot Ion:276 Resp: 458082

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 23.3 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

