

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082172.D
 Acq On : 10 Oct 2015 13:03
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:57:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	391944	20.00	ng	0.16
21) Naphthalene-d8	8.13	136	380218	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	187834	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	362777	20.00	ng	0.00
75) Chrysene-d12	14.01	240	303988	20.00	ng	0.00
86) Perylene-d12	15.44	264	247666	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	527003	24.55	ng	0.00
7) Phenol-d6	6.48	99	693977	25.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	624952	109.00	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	204946	108.90	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1240548	104.40	ng	0.00
78) Terphenyl-d14	12.96	244	1228520	113.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	126846	13.52	ng	99
3) Pyridine	3.14	79	361751	15.11	ng	98
4) n-Nitrosodimethylamine	3.12	42	146960	13.41	ng	96
6) Aniline	6.51	93	482253	13.29	ng	93
8) 2-Chlorophenol	6.63	128	336438	14.07	ng	94
9) Benzaldehyde	6.39	77	176183	10.15	ng	99
10) Phenol	6.49	94	373076	12.20	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	318667	13.21	ng	94
12) 1,3-Dichlorobenzene	6.86	146	383104	13.57	ng	98
13) 1,4-Dichlorobenzene	7.02	146	365392	12.38	ng	96
14) 1,2-Dichlorobenzene	7.02	146	365392	13.90	ng	# 90
15) Benzyl Alcohol	6.99	79	256558	13.17	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	453454	13.58	ng	98
17) 2-Methylphenol	7.11	107	265747	13.78	ng	99
18) Hexachloroethane	7.35	117	132124	14.16	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	84155	5.07	ng	# 79
20) 3+4-Methylphenols	7.26	107	303768	12.55	ng	93
22) Acetophenone	7.26	105	426389	55.17	ng	# 97
24) Nitrobenzene	7.44	77	369262	60.62	ng	# 87
25) Isophorone	7.68	82	651138	57.64	ng	95
26) 2-Nitrophenol	7.75	139	188850	62.62	ng	93
27) 2,4-Dimethylphenol	7.79	122	303258	58.89	ng	93
28) bis(2-Chloroethoxy)methane	7.89	93	382558	56.05	ng	99
29) 2,4-Dichlorophenol	7.99	162	279880	54.79	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	305529	53.88	ng	98
31) Naphthalene	8.15	128	868732	51.51	ng	99
32) Benzoic acid	7.94	122	212196	74.21	ng	98
33) 4-Chloroaniline	8.21	127	380068	52.35	ng	97
34) Hexachlorobutadiene	8.26	225	191809	56.86	ng	98
35) Caprolactam	8.61	113	83913	59.02	ng	# 85
36) 4-Chloro-3-methylphenol	8.70	107	299011	60.60	ng	88
37) 2-Methylnaphthalene	8.85	142	659394	57.31	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	298598	52.19	ng	98
40) Hexachlorocyclopentadiene	8.99	237	160316	56.20	ng	98

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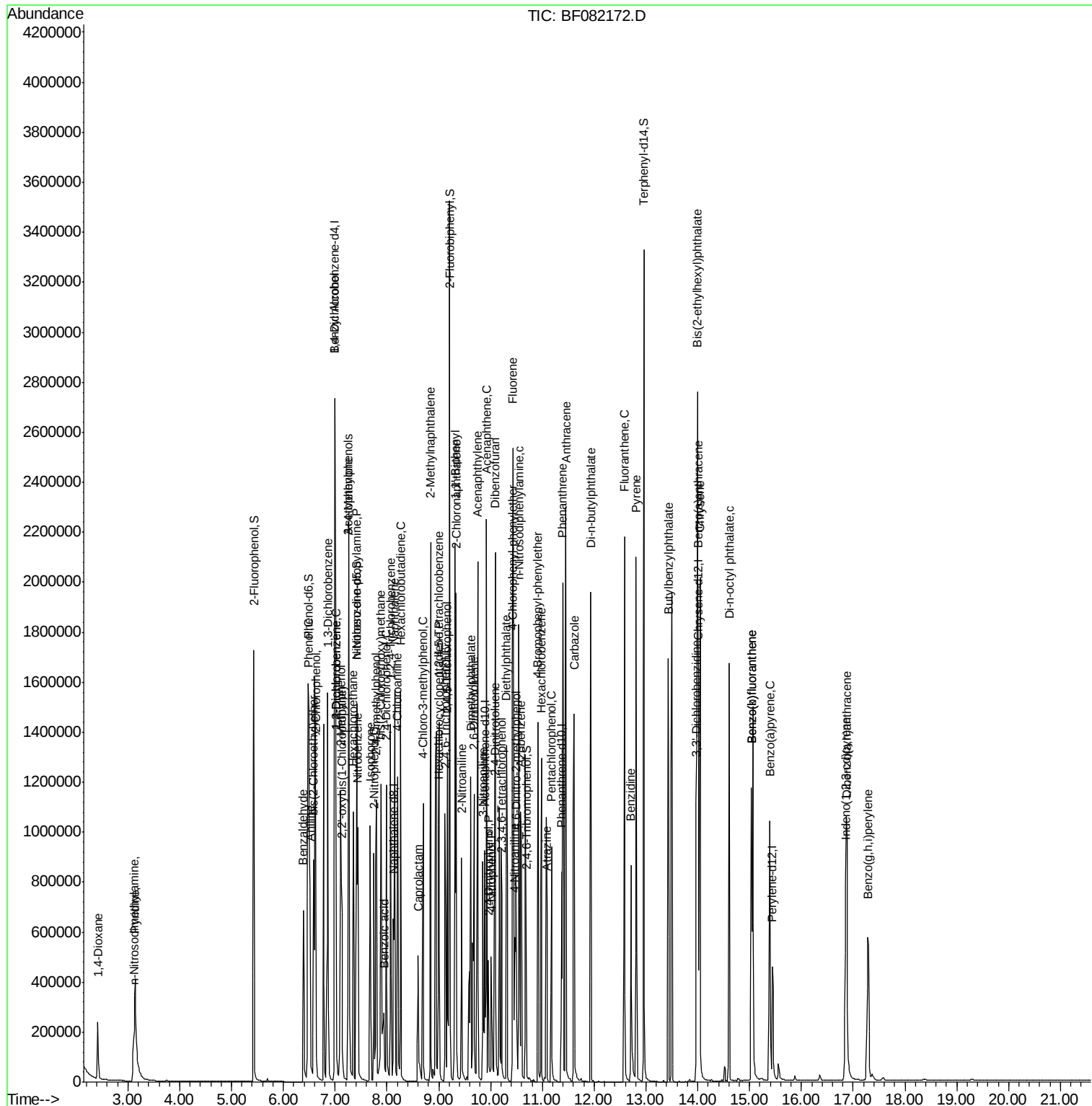
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42) 2,4,6-Trichlorophenol	9.12	196	211237	54.43	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	228510	56.46	nq #	93
45) 1,1'-Biphenyl	9.31	154	813710	56.55	nq	96
46) 2-Chloronaphthalene	9.34	162	652164	57.66	nq	96
47) 2-Nitroaniline	9.44	65	195995	59.14	nq #	79
48) Acenaphthylene	9.75	152	902217	49.57	nq	99
49) Dimethylphthalate	9.62	163	760667	59.42	nq	99
50) 2,6-Dinitrotoluene	9.68	165	144864	51.04	nq #	76
51) Acenaphthene	9.92	154	571547	52.78	nq	99
52) 3-Nitroaniline	9.85	138	169387	52.41	nq	86
53) 2,4-Dinitrophenol	9.95	184	87880	84.78	nq #	81
54) Dibenzofuran	10.09	168	742795	48.50	nq	96
55) 4-Nitrophenol	10.01	139	108835	47.80	nq #	80
56) 2,4-Dinitrotoluene	10.08	165	200414	55.99	nq	89
57) Fluorene	10.43	166	598422	49.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	185436	57.89	nq	93
59) Diethylphthalate	10.31	149	692705	57.35	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	299508	53.70	nq	98
61) 4-Nitroaniline	10.47	138	184638	56.44	nq	96
62) Azobenzene	10.58	77	652164	55.35	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	117870	70.47	nq #	66
65) n-Nitrosodiphenylamine	10.55	169	559606	51.03	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	190635	52.08	nq	93
67) Hexachlorobenzene	10.98	284	222756	54.50	nq #	89
68) Atrazine	11.09	200	194892	57.65	nq	93
69) Pentachlorophenol	11.18	266	129034	55.58	nq	99
70) Phenanthrene	11.39	178	904746	47.64	nq	99
71) Anthracene	11.45	178	1051053	56.52	nq	100
72) Carbazole	11.61	167	934635	56.19	nq	97
73) Di-n-butylphthalate	11.93	149	1046422	55.03	nq	99
74) Fluoranthene	12.58	202	972531	49.46	nq	96
76) Benzidine	12.71	184	474531	52.73	nq	97
77) Pyrene	12.81	202	974398	54.40	nq	99
79) Butylbenzylphthalate	13.43	149	450062	65.24	nq	92
80) Benzo(a)anthracene	14.00	228	887593	54.69	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	338463	61.35	nq #	99
82) Chrysene	14.05	228	954055	61.35	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	674399	75.08	nq	99
84) Di-n-octyl phthalate	14.61	149	1161792	79.17	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	725495	57.40	nq	100
87) Benzo(b)fluoranthene	15.04	252	877691	60.61	nq #	96
88) Benzo(k)fluoranthene	15.04	252	877691	68.47	nq	98
89) Benzo(a)pyrene	15.40	252	723915	58.71	nq #	97
90) Dibenzo(a,h)anthracene	16.88	278	600093	58.27	nq	97
91) Benzo(g,h,i)perylene	17.29	276	574667	54.96	nq	97

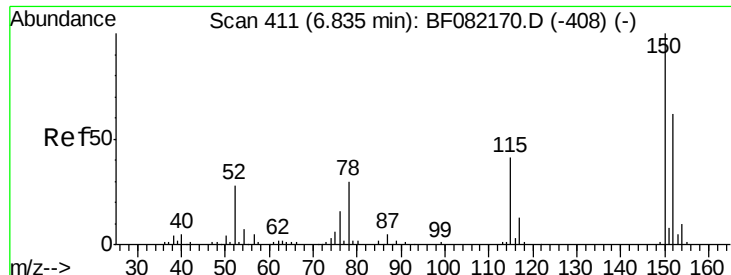
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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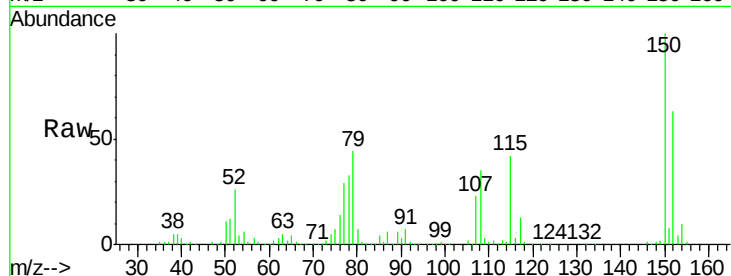


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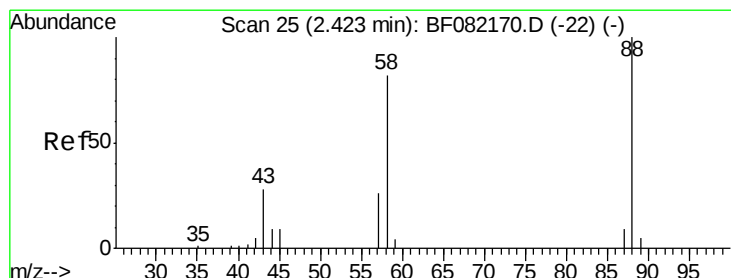
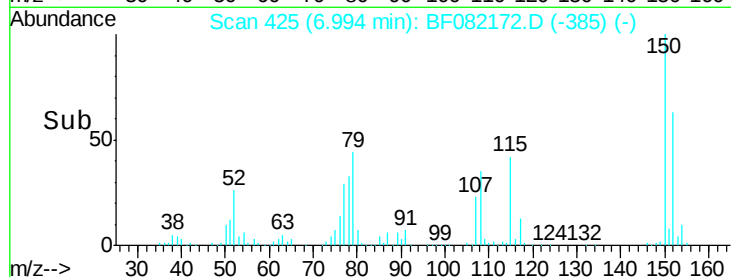
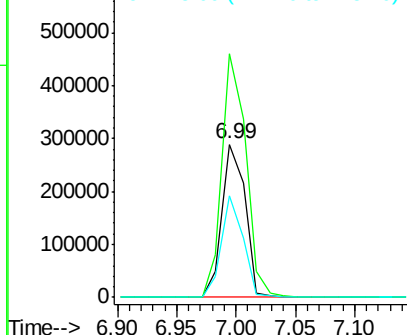
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.16 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 391944
Ion Ratio Lower Upper
152 100
150 159.4 129.0 193.4
115 66.5 52.1 78.1



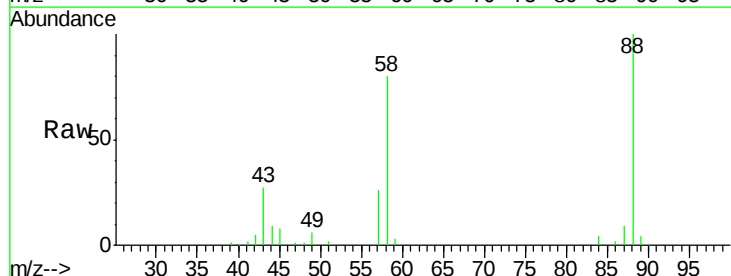
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



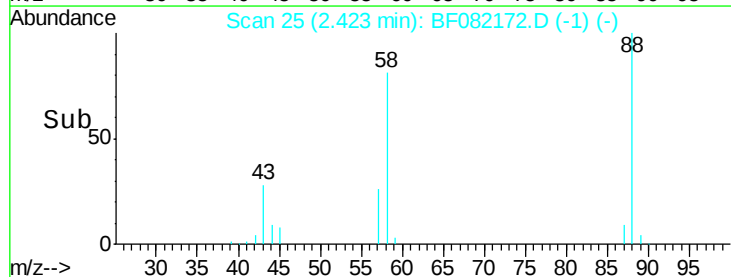
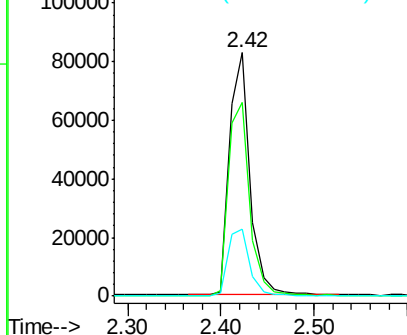
#2

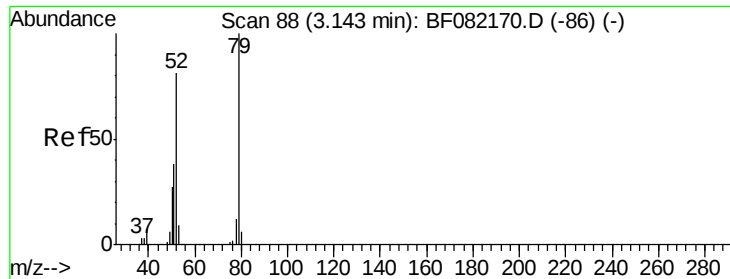
1,4-Dioxane
Concen: 13.52 ng
RT: 2.42 min Scan# 25
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Tgt Ion: 88 Resp: 126846
Ion Ratio Lower Upper
88 100
58 84.0 66.2 99.4
43 29.4 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: 15.11 ng

RT: 3.14 min Scan# 88

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

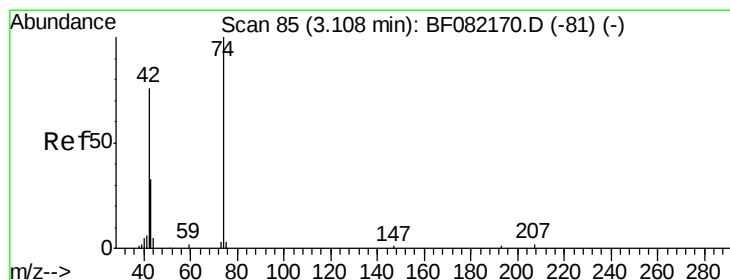
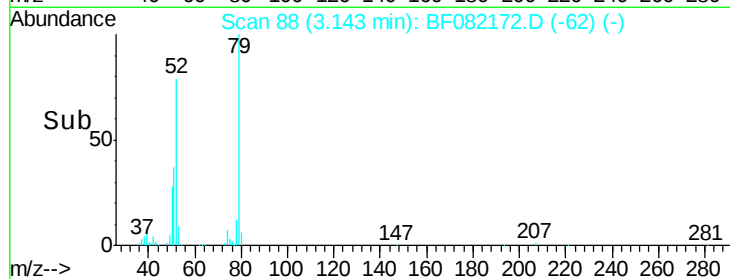
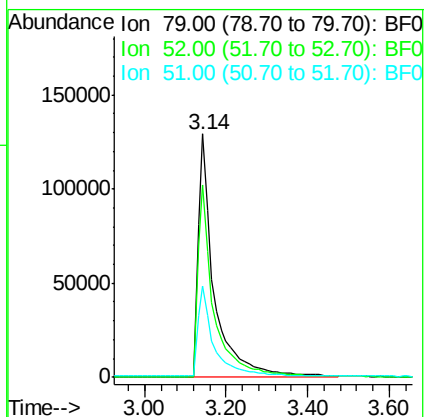
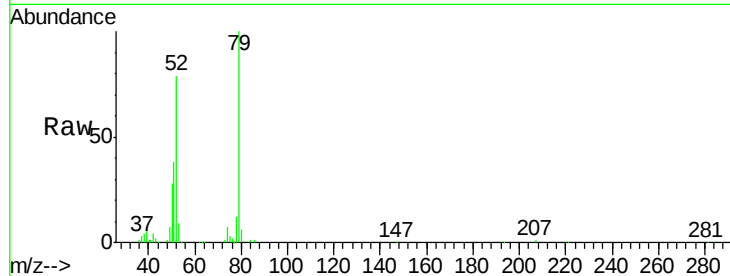
Tot Ion: 79 Resp: 361751

Ion Ratio Lower Upper

79 100

52 78.8 64.4 96.6

51 37.7 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 13.41 ng

RT: 3.12 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

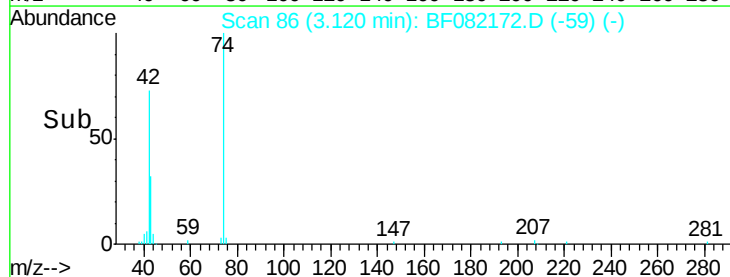
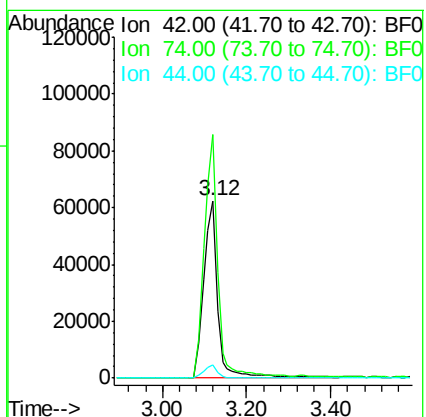
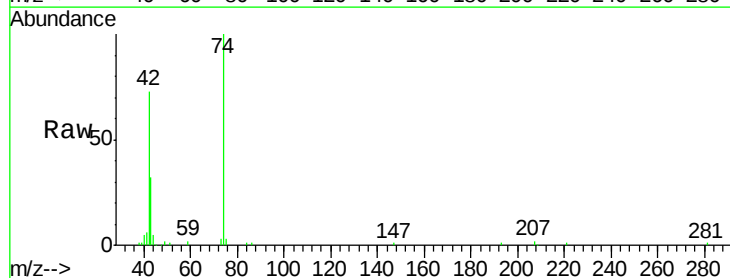
Tgt Ion: 42 Resp: 146960

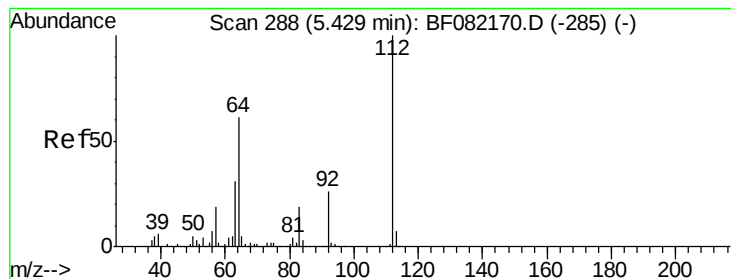
Ion Ratio Lower Upper

42 100

74 137.3 105.7 158.5

44 7.3 5.4 8.2





#5

2-Fluorophenol

Concen: 24.55 ng

RT: 5.43 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

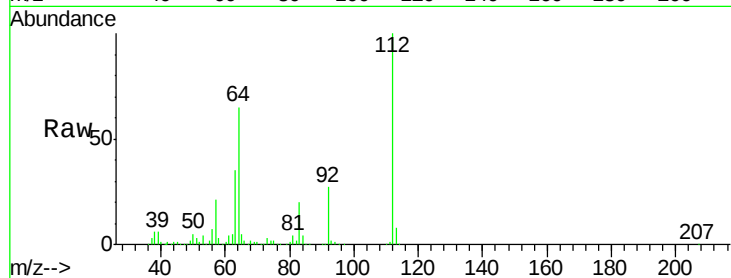
Tot Ion:112 Resp: 527003

Ion Ratio Lower Upper

112 100

64 65.2 48.6 73.0

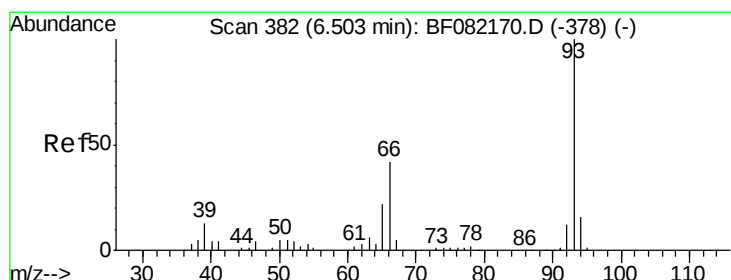
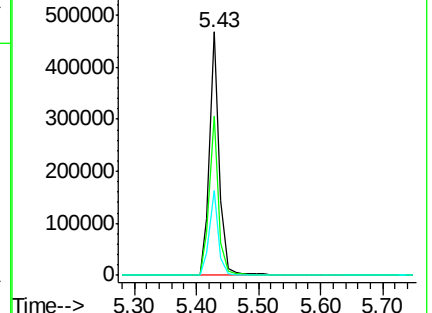
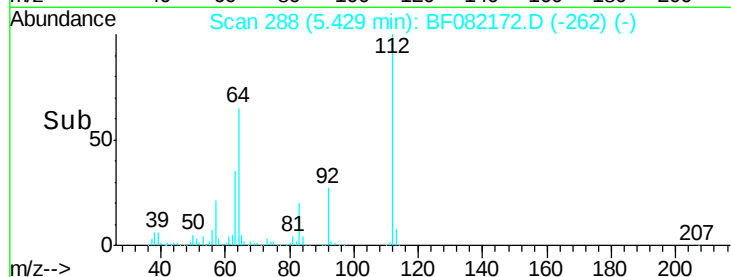
63 34.7 25.1 37.7



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: 13.29 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

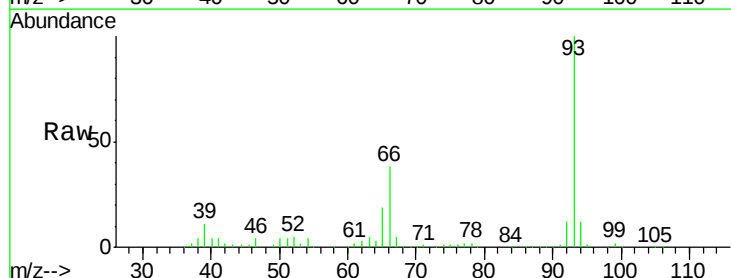
Tgt Ion: 93 Resp: 482253

Ion Ratio Lower Upper

93 100

66 38.4 34.2 51.2

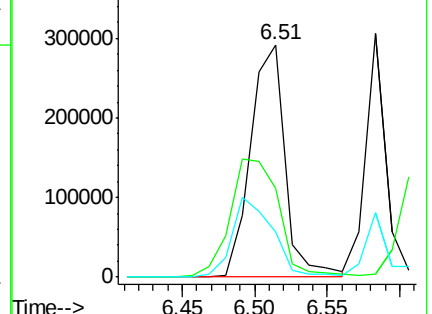
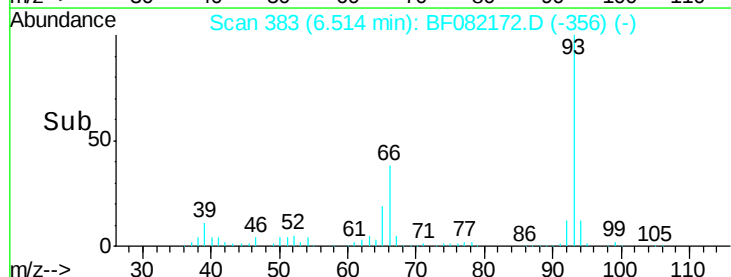
65 19.3 17.9 26.9

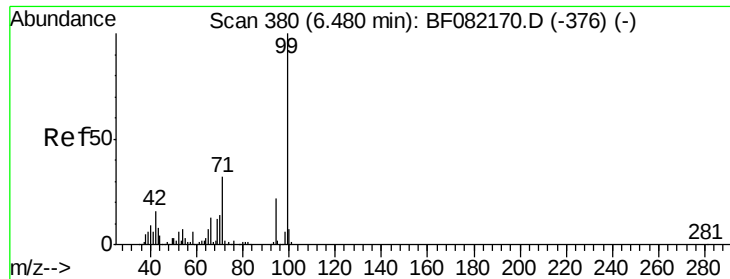


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 25.55 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

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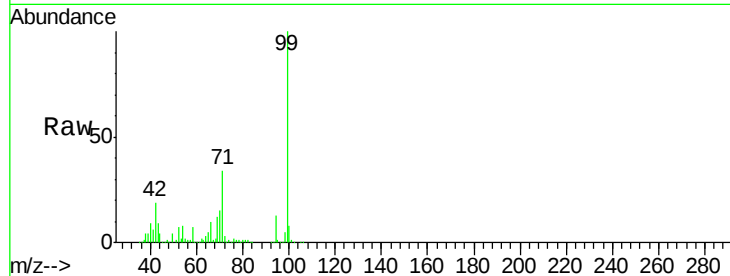
Tot Ion: 99 Resp: 693977

Ion Ratio Lower Upper

99 100

42 18.7 13.2 19.8

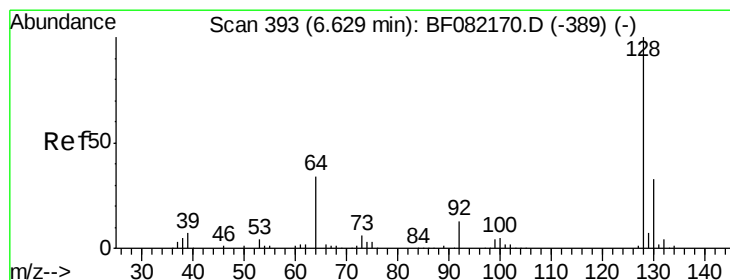
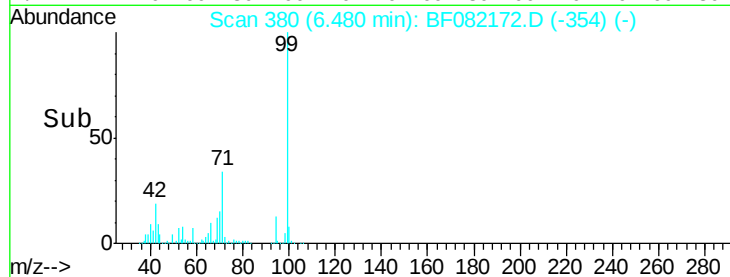
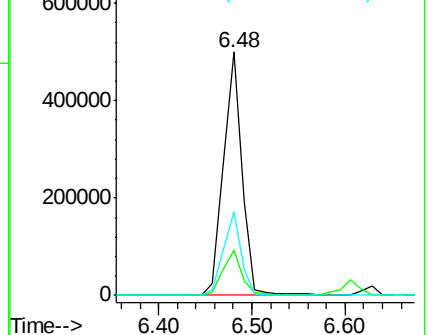
71 34.5 25.6 38.4



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: 14.07 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

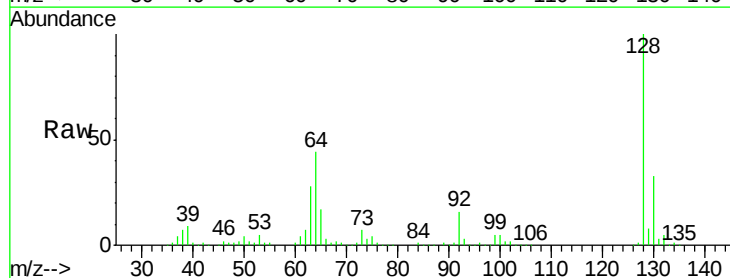
Tgt Ion: 128 Resp: 336438

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

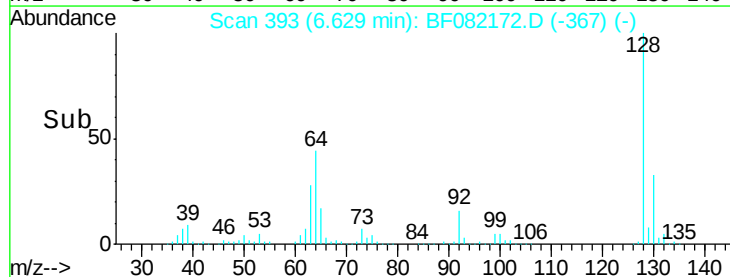
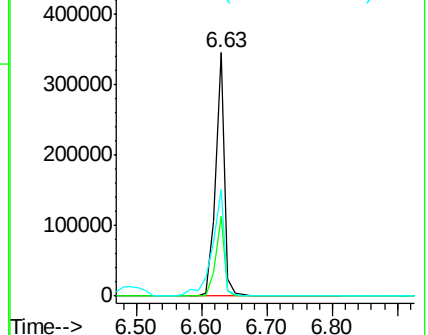
64 43.7 16.7 56.7



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: 10.15 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

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ClientSampleId :

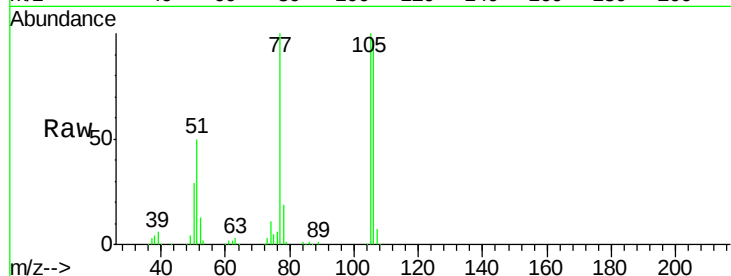
Tot Ion: 77 Resp: 176183

Ion Ratio Lower Upper

77 100

105 99.6 80.6 120.6

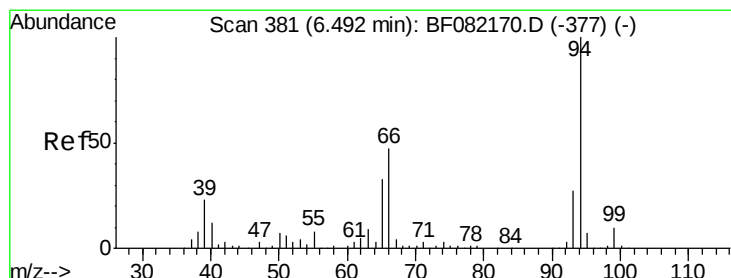
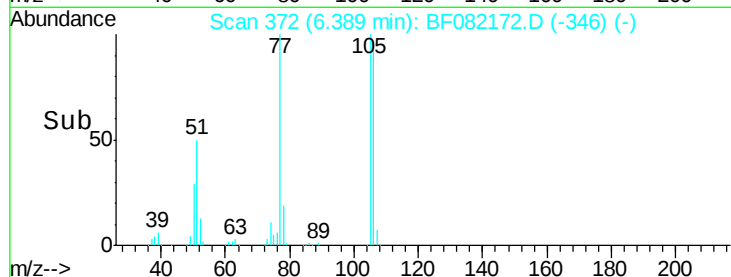
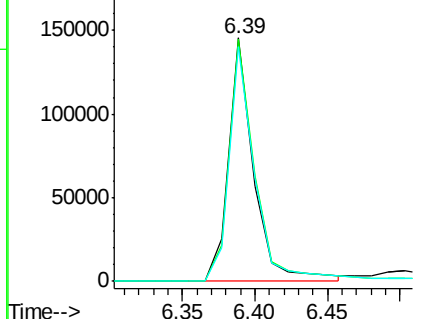
106 96.5 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.20 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

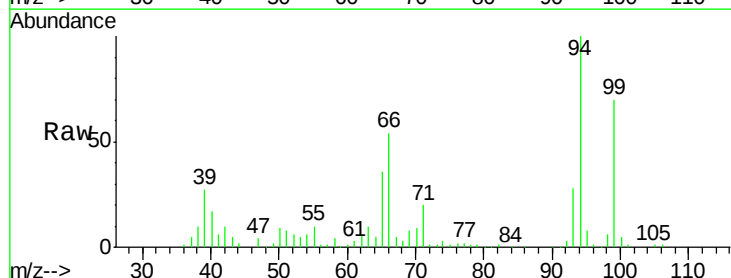
Tgt Ion: 94 Resp: 373076

Ion Ratio Lower Upper

94 100

65 36.3 12.6 52.6

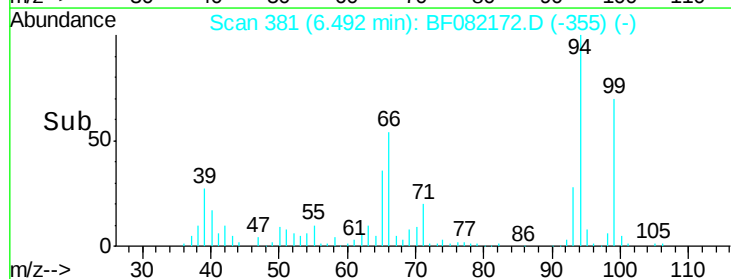
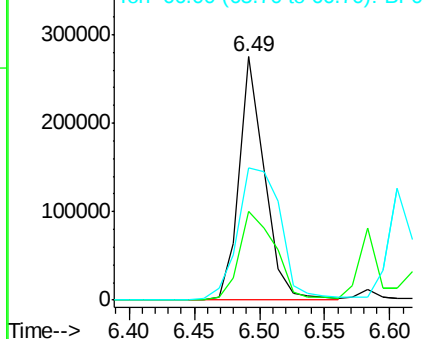
66 54.3 27.3 67.3

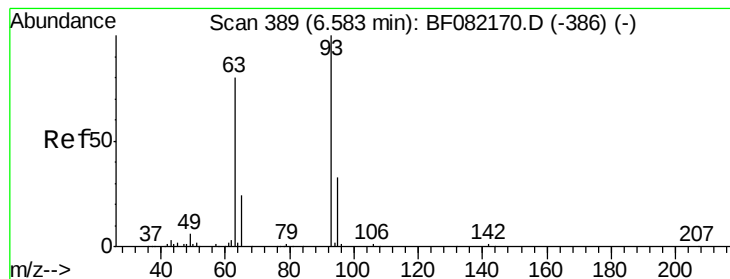


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 13.21 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

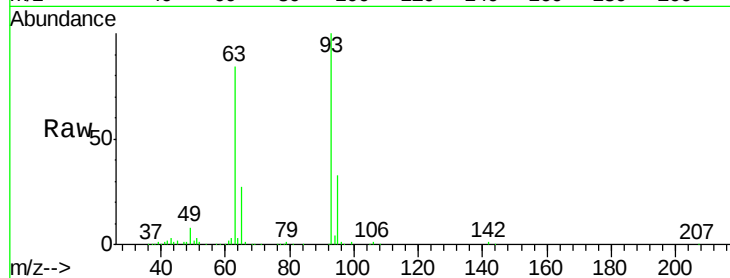
Tot Ion: 93 Resp: 318667

Ion Ratio Lower Upper

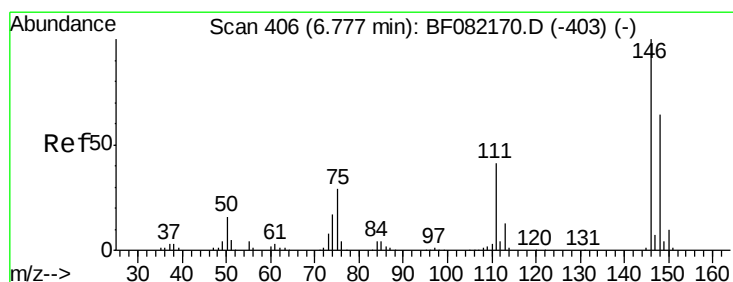
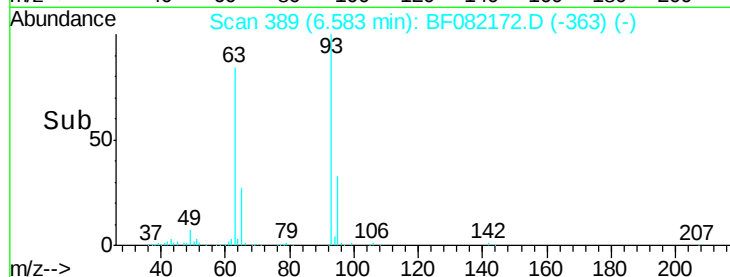
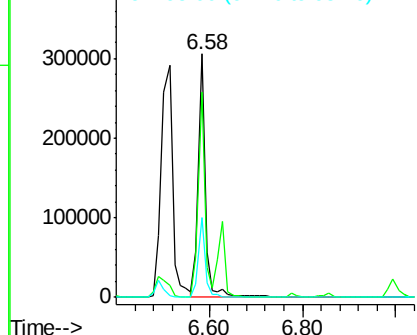
93 100

63 84.3 57.1 97.1

95 32.8 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: 13.57 ng

RT: 6.86 min Scan# 413

Delta R.T. 0.08 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

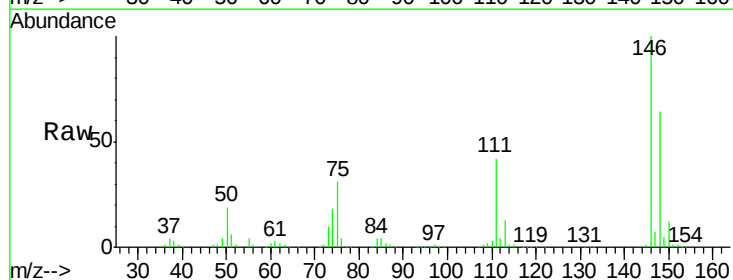
Tgt Ion: 146 Resp: 383104

Ion Ratio Lower Upper

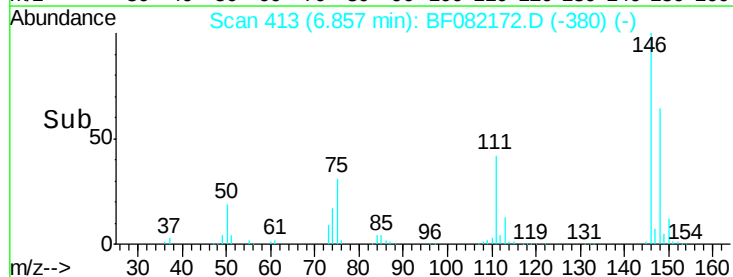
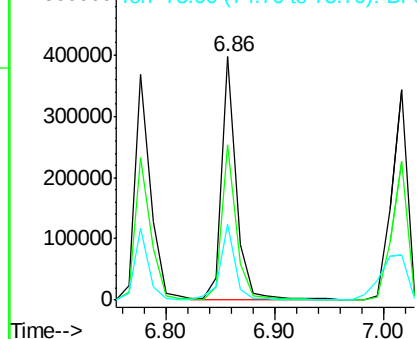
146 100

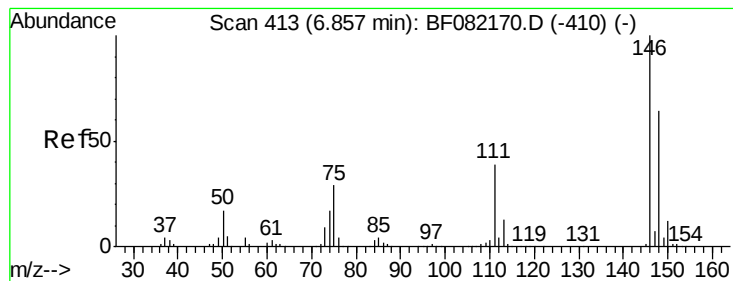
148 64.0 51.4 77.2

75 31.4 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: 12.38 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.16 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampled :

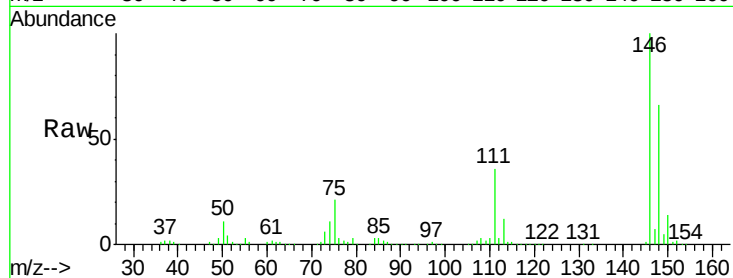
Tot Ion:146 Resp: 365392

Ion Ratio Lower Upper

146 100

148 65.9 51.0 76.4

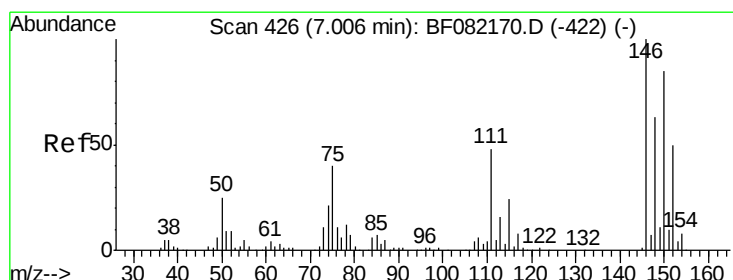
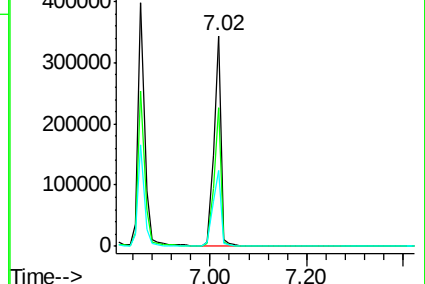
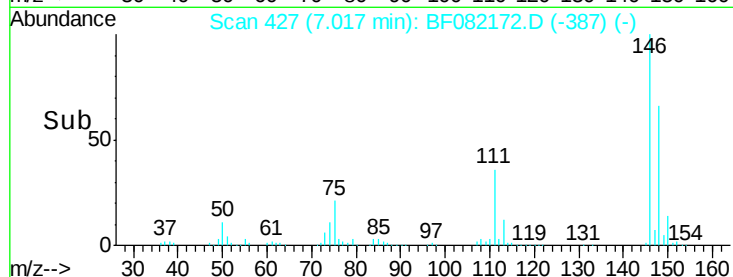
111 36.0 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.90 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

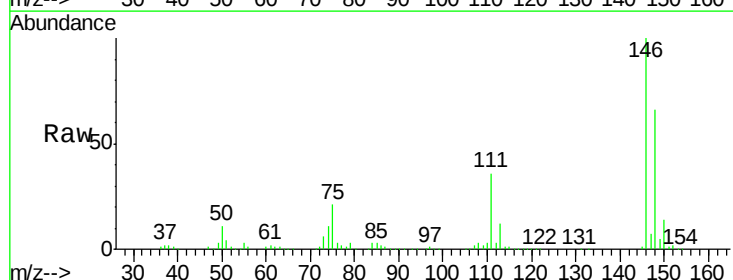
Tgt Ion:146 Resp: 365392

Ion Ratio Lower Upper

146 100

148 65.9 50.5 75.7

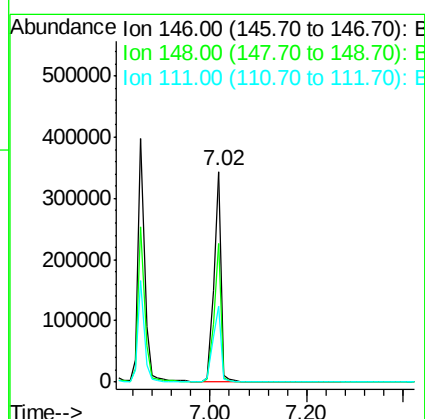
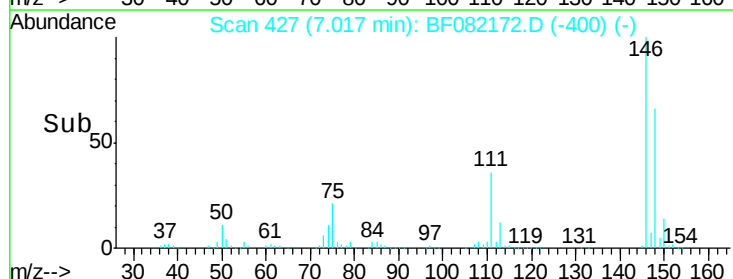
111 36.0 38.5 57.7#

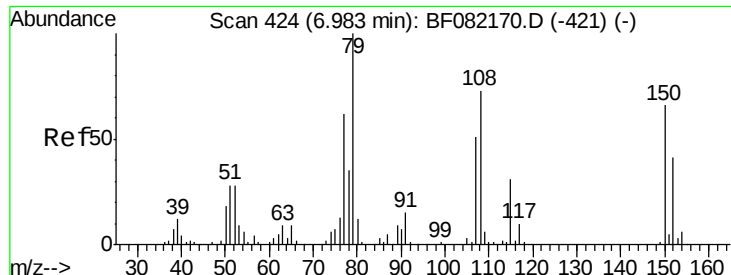


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 13.17 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampled :

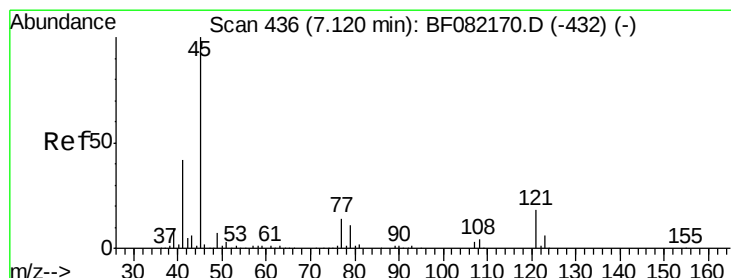
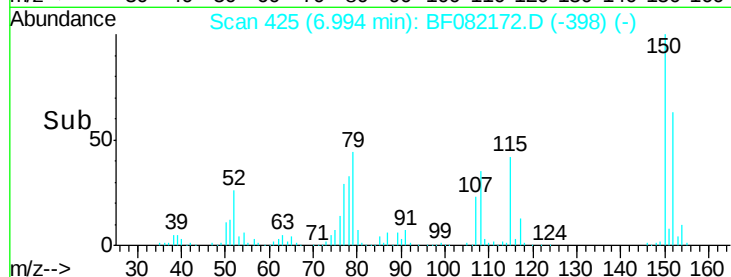
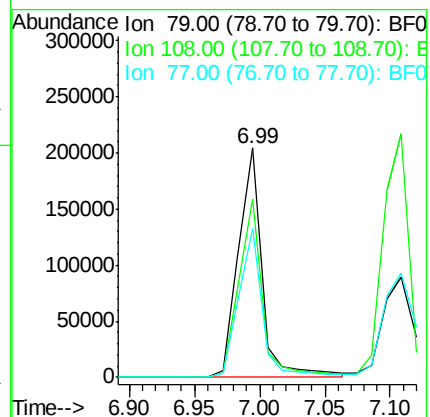
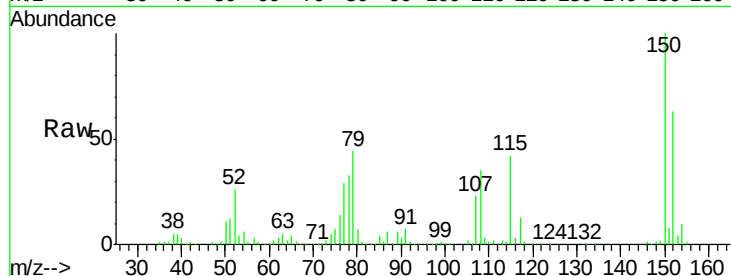
Tot Ion: 79 Resp: 256558

Ion Ratio Lower Upper

79 100

108 77.8 58.4 87.6

77 64.8 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.58 ng

RT: 7.12 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

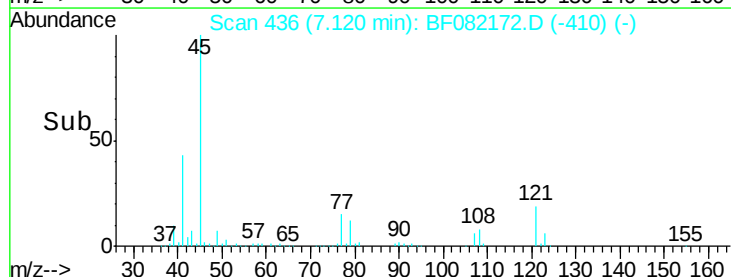
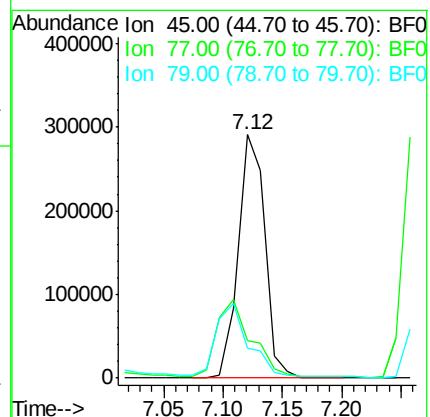
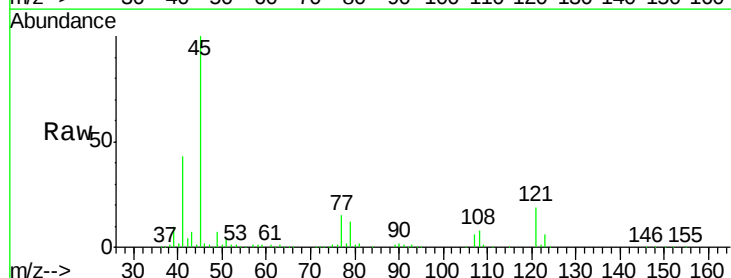
Tgt Ion: 45 Resp: 453454

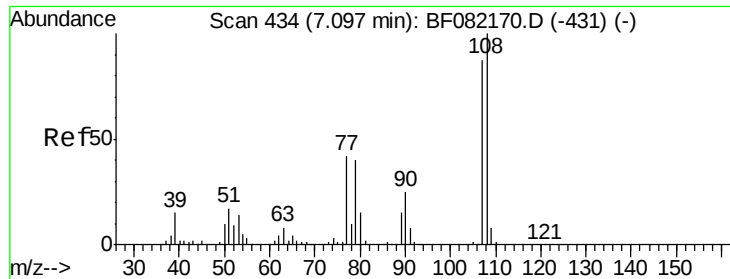
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.5

79 12.4 0.0 31.6

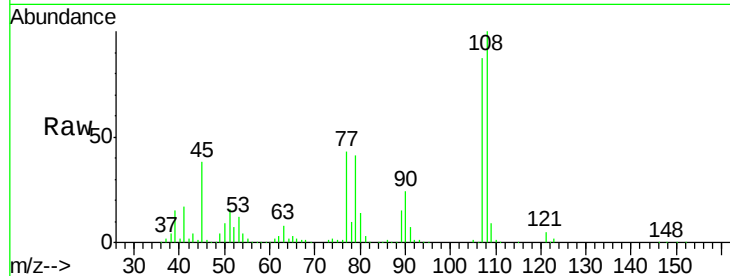




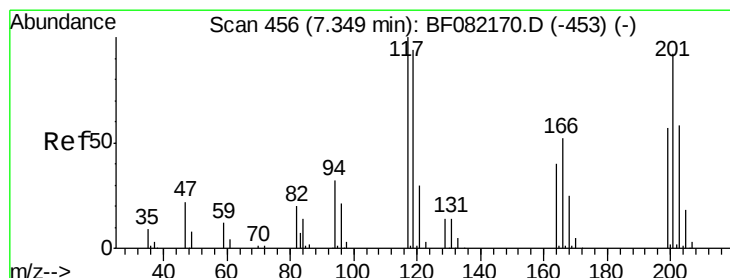
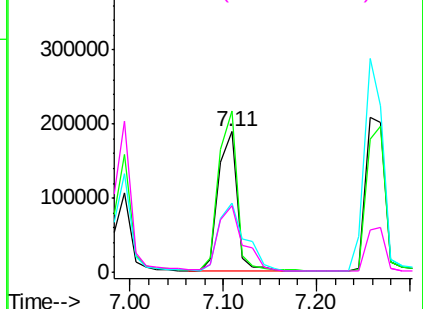
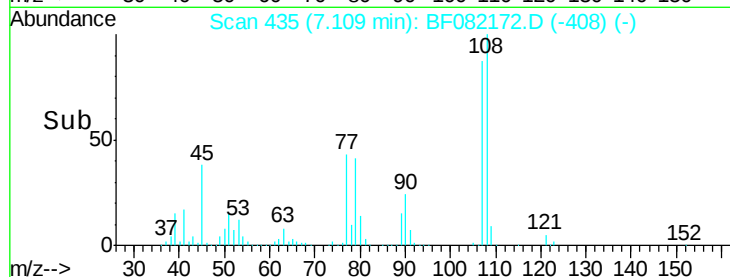
#17
2-Methylphenol
Concen: 13.78 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.2	138.2
77	49.2	39.6	59.4
79	47.2	38.2	57.4

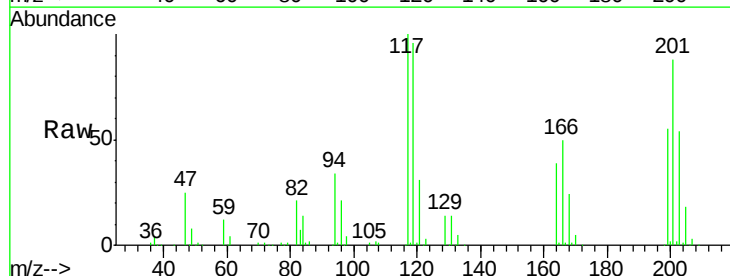


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

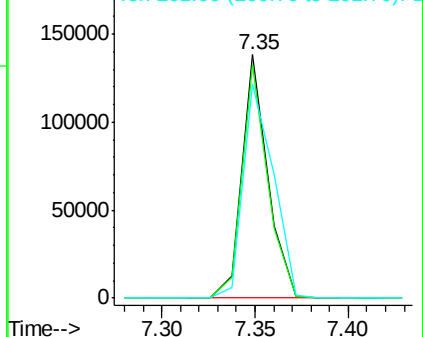
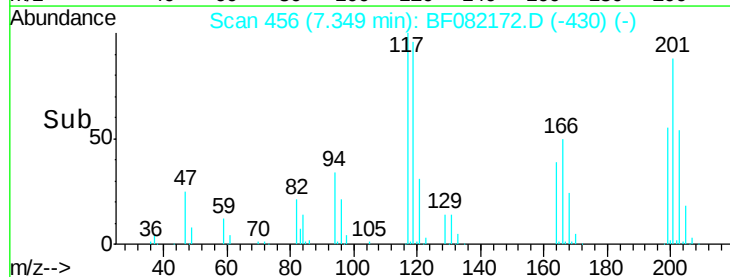


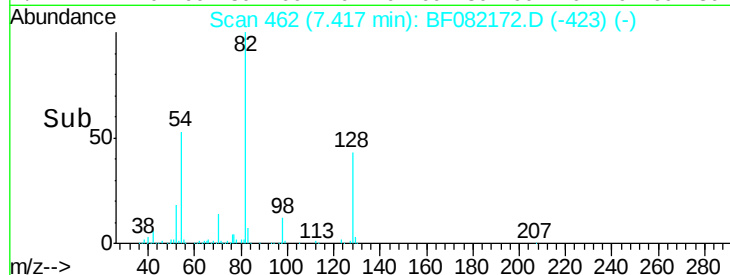
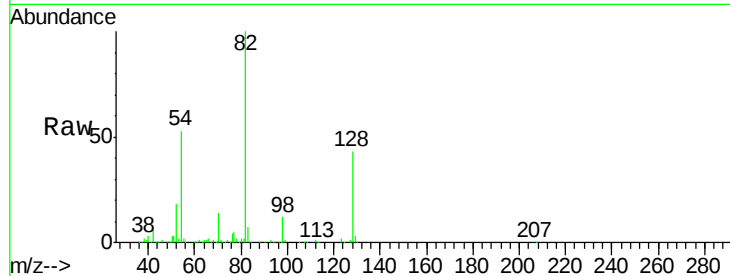
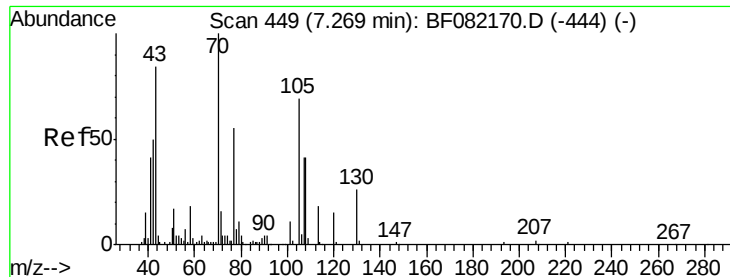
#18
Hexachloroethane
Concen: 14.16 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.2
201	88.0	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

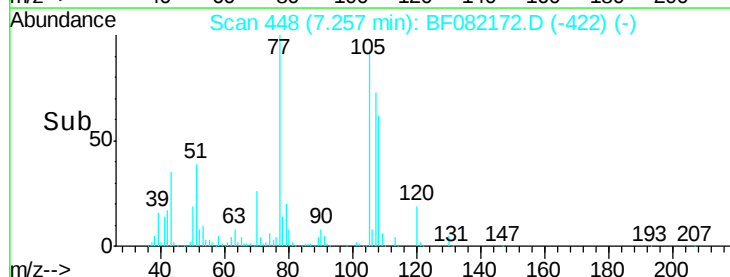
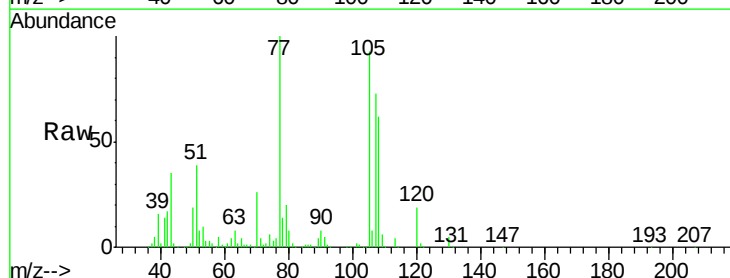
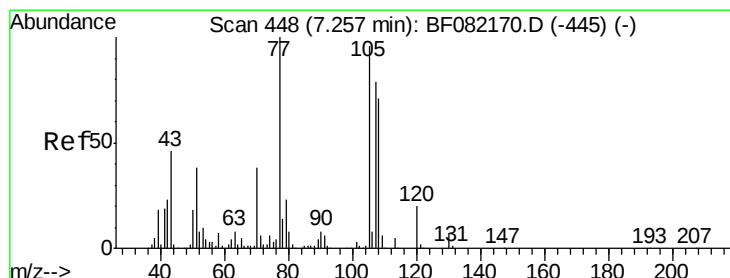
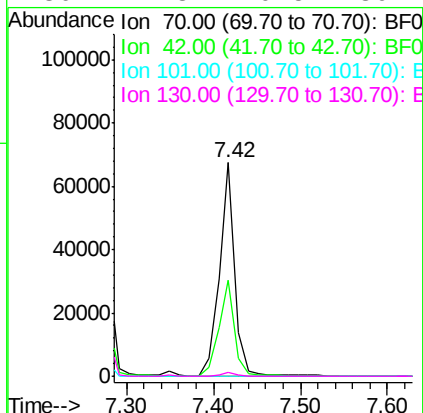




#19
n-Nitroso-di-n-propylamine
Concen: 5.07 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

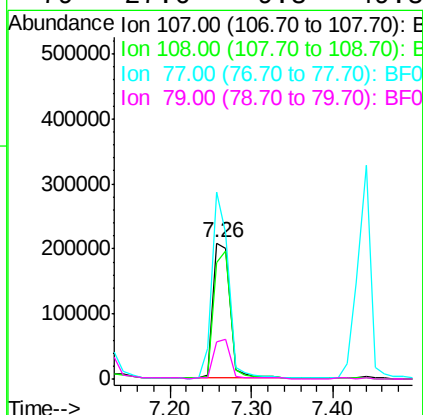
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 84155
Ion Ratio Lower Upper
70 100
42 45.1 39.8 59.8
101 0.0 8.6 13.0#
130 1.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 12.55 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Tgt Ion: 107 Resp: 303768
Ion Ratio Lower Upper
107 100
108 85.7 69.9 109.9
77 137.6 106.0 146.0
79 27.6 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 380218

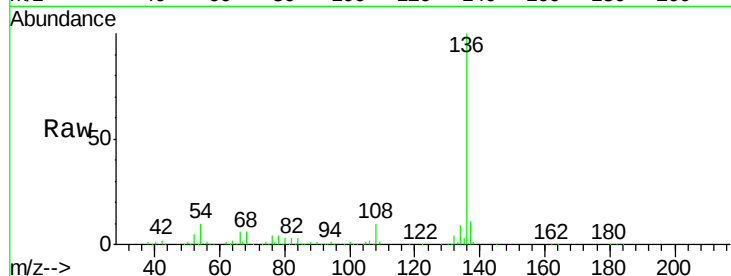
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.5 7.5 11.3

68 6.0 4.6 7.0

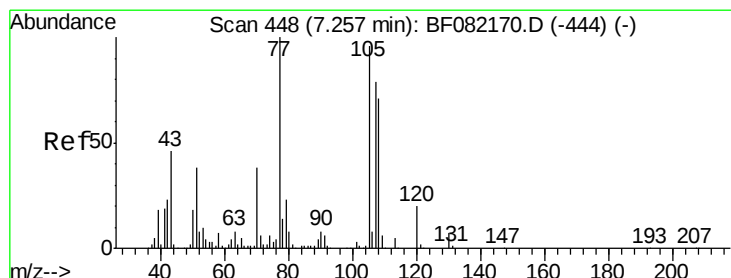
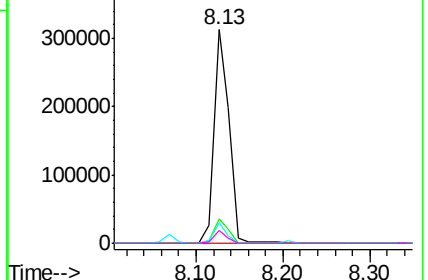
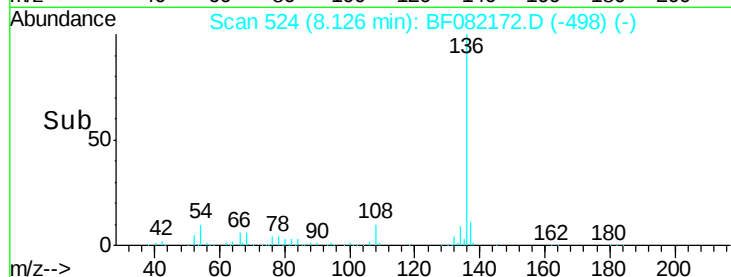


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 55.17 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Tgt Ion:105 Resp: 426389

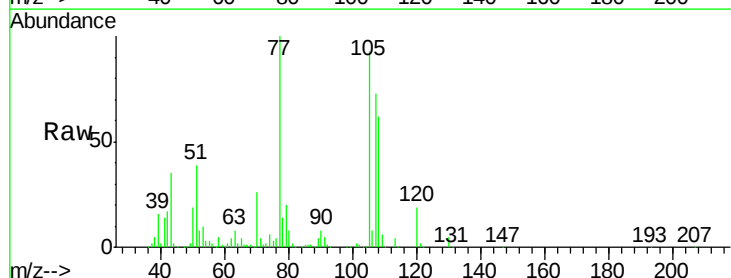
Ion Ratio Lower Upper

105 100

71 4.7 5.4 8.0#

51 41.8 31.8 47.6

120 20.4 16.3 24.5

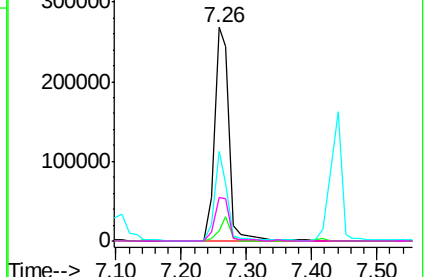
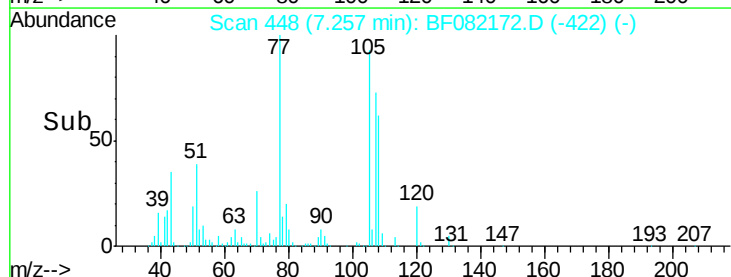


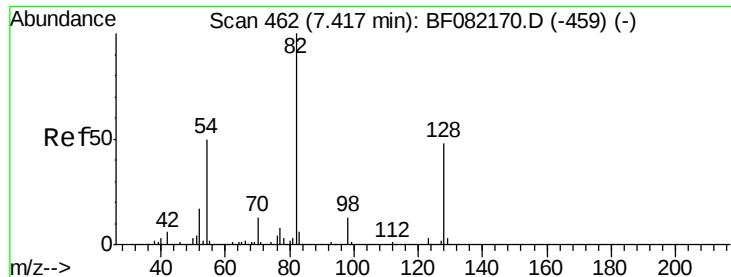
Abundance Ion 105.00 (104.70 to 105.70): E

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

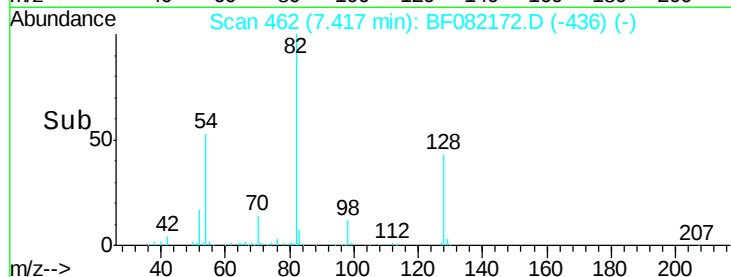
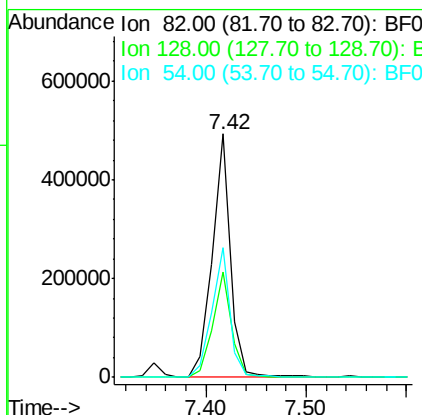
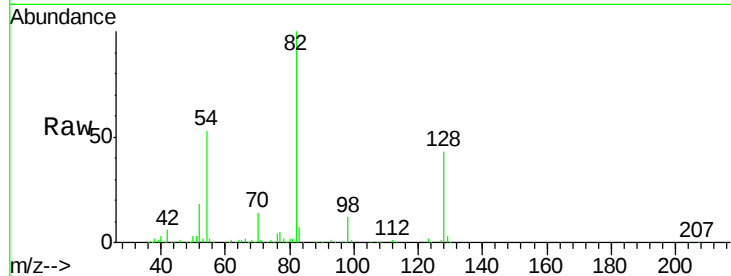




#23
 Nitrobenzene-d5
 Concen: 109.00 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

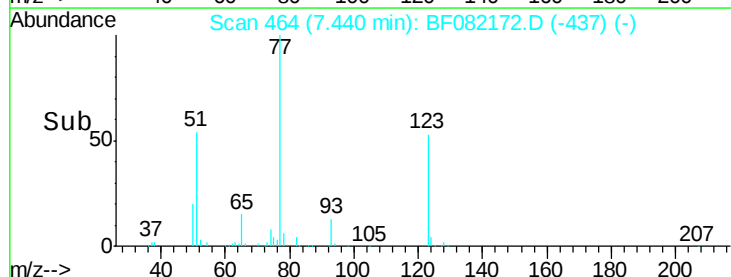
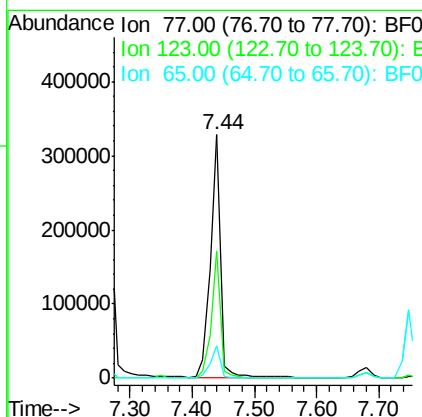
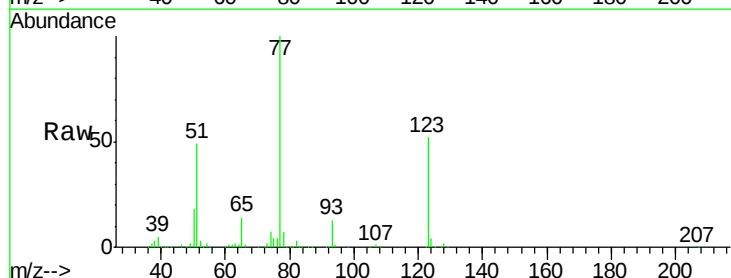
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 624952
 Ion Ratio Lower Upper
 82 100
 128 43.4 38.7 58.1
 54 53.3 40.1 60.1



#24
 Nitrobenzene
 Concen: 60.62 ng
 RT: 7.44 min Scan# 464
 Delta R.T. 0.01 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Tgt Ion: 77 Resp: 369262
 Ion Ratio Lower Upper
 77 100
 123 52.1 33.0 49.4#
 65 13.5 11.2 16.8





#25

Isophorone

Concen: 57.64 ng

RT: 7.68 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

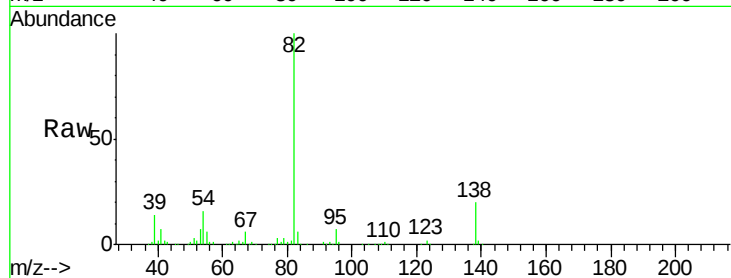
Tot Ion: 82 Resp: 651138

Ion Ratio Lower Upper

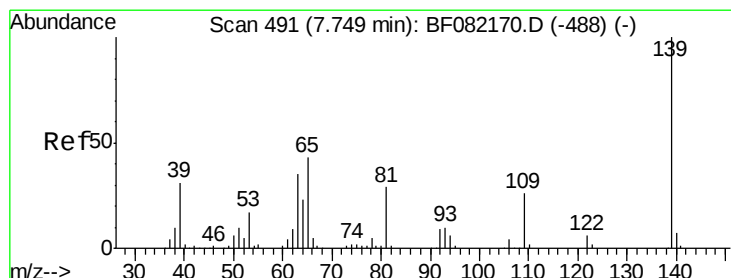
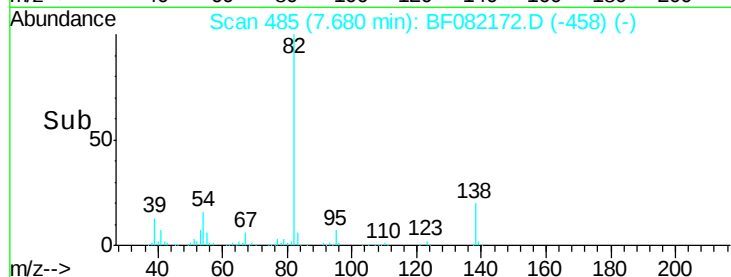
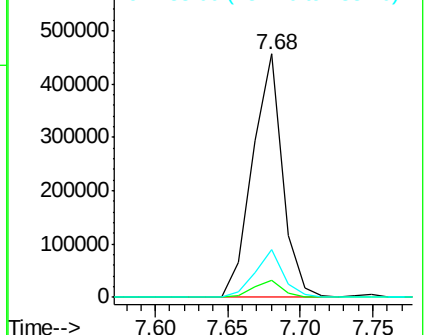
82 100

95 7.2 5.6 8.4

138 19.7 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 62.62 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

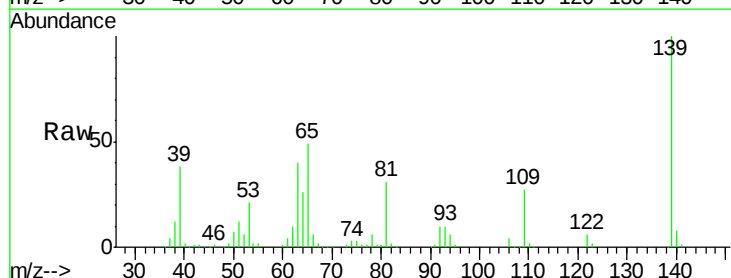
Tgt Ion: 139 Resp: 188850

Ion Ratio Lower Upper

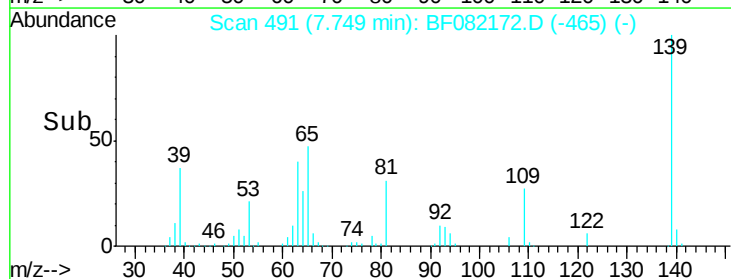
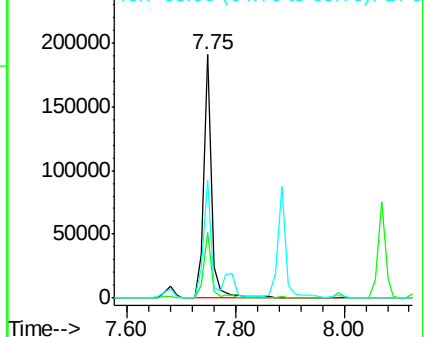
139 100

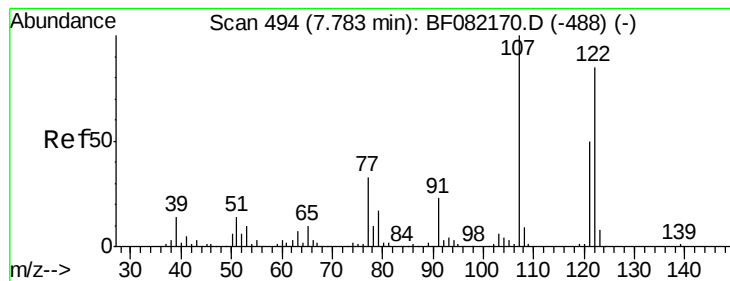
109 27.2 20.6 31.0

65 48.7 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 58.89 ng

RT: 7.79 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

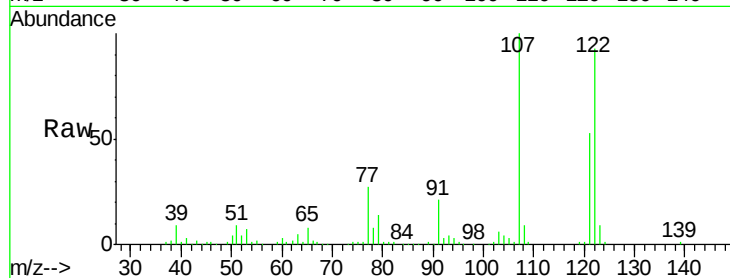
Tot Ion:122 Resp: 303258

Ion Ratio Lower Upper

122 100

107 107.6 94.0 141.0

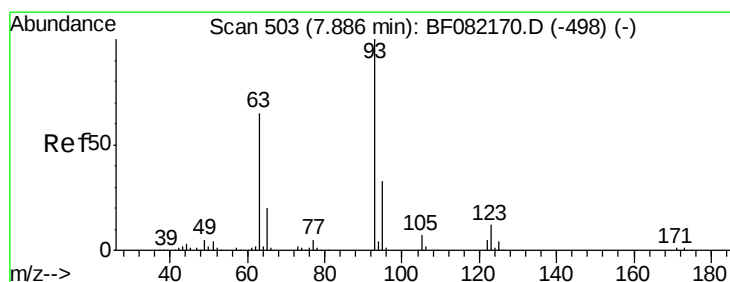
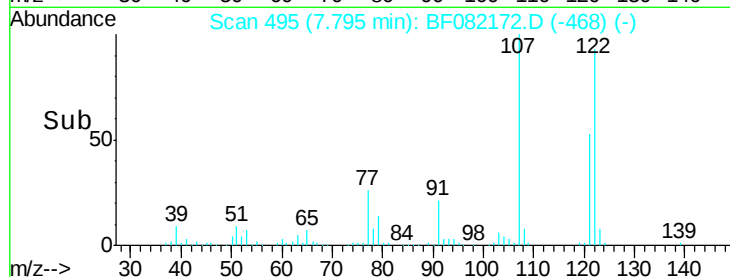
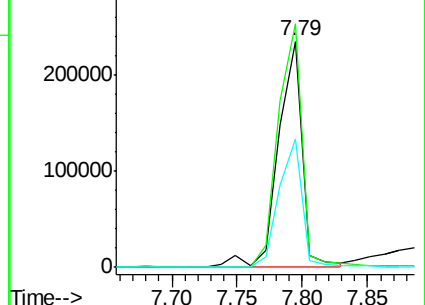
121 57.0 46.8 70.2



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: 56.05 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

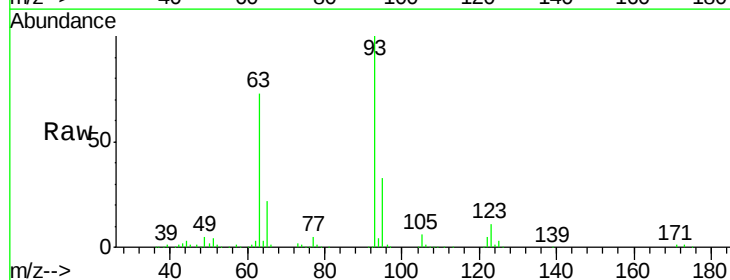
Tgt Ion: 93 Resp: 382558

Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

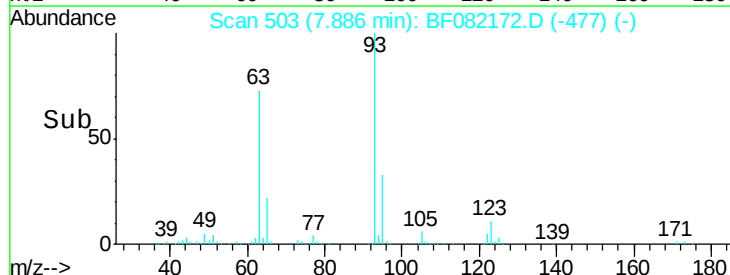
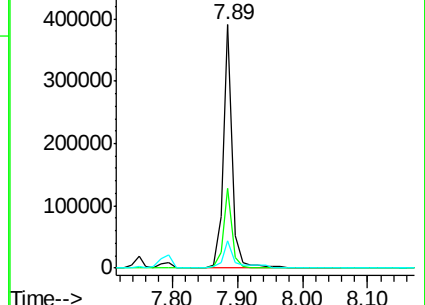
123 11.0 9.5 14.3

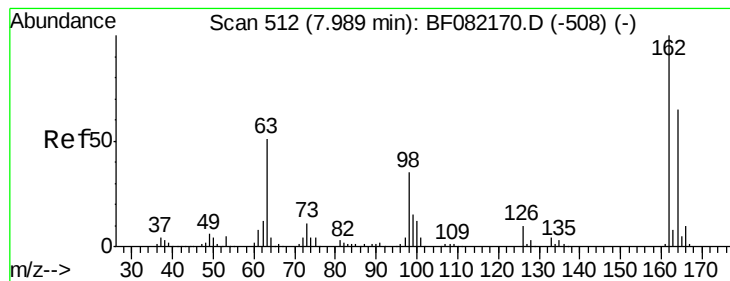


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 54.79 ng

RT: 7.99 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

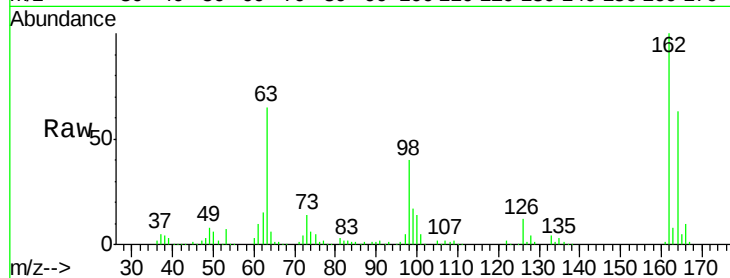
Tot Ion:162 Resp: 279880

Ion Ratio Lower Upper

162 100

164 63.4 44.6 84.6

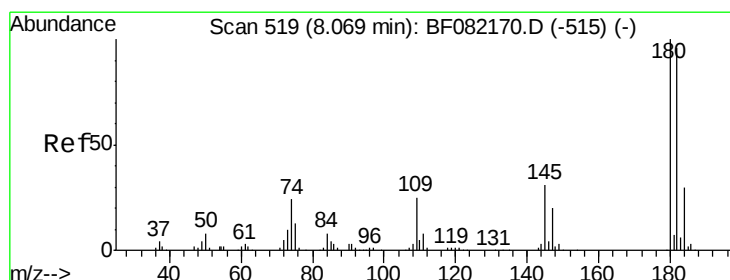
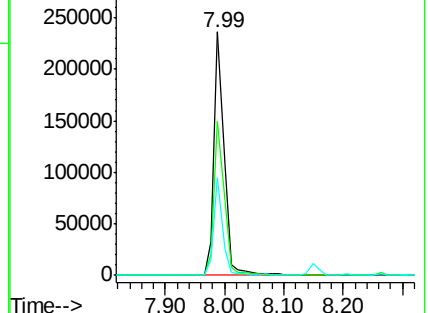
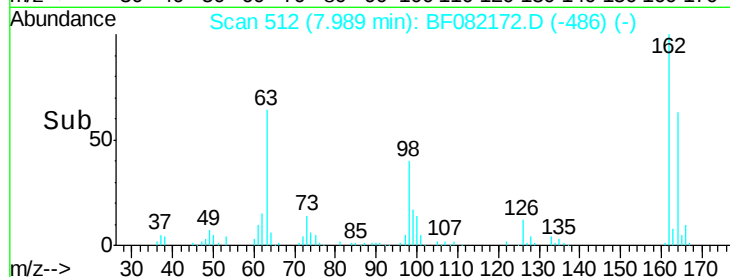
98 40.0 15.0 55.0



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: 53.88 ng

RT: 8.07 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

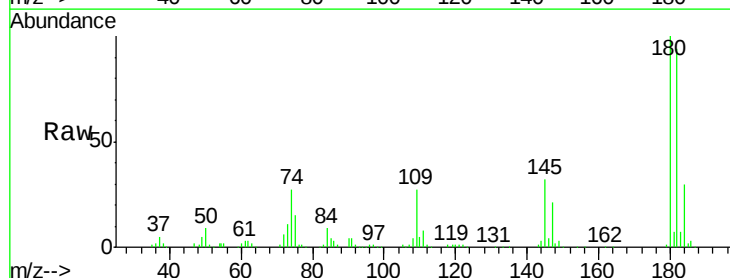
Tgt Ion:180 Resp: 305529

Ion Ratio Lower Upper

180 100

182 93.9 77.0 115.4

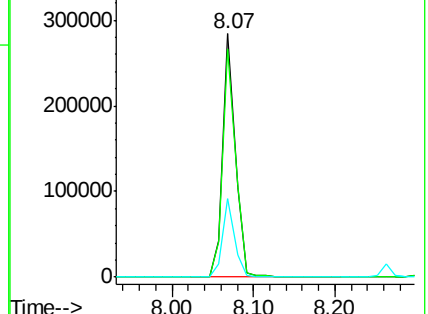
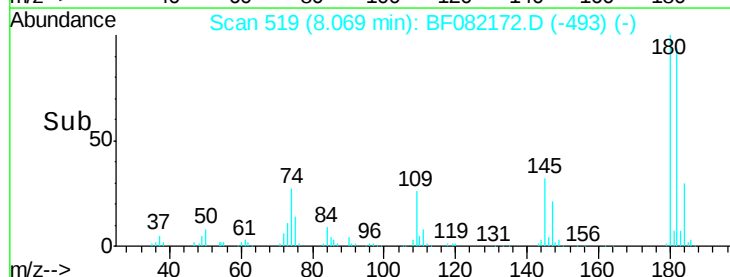
145 32.3 25.0 37.4

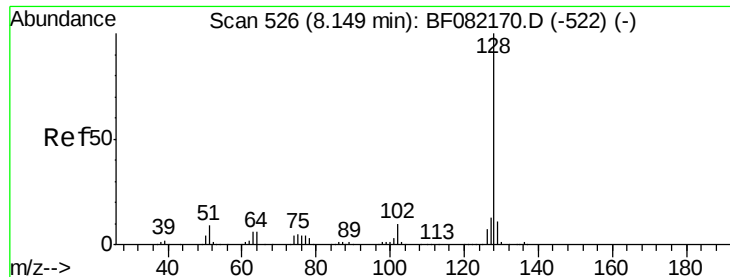


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 51.51 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

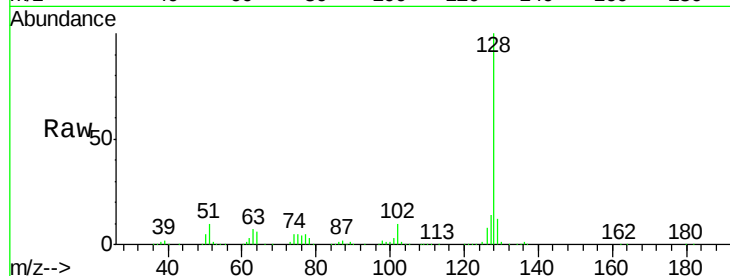
Tot Ion:128 Resp: 868732

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

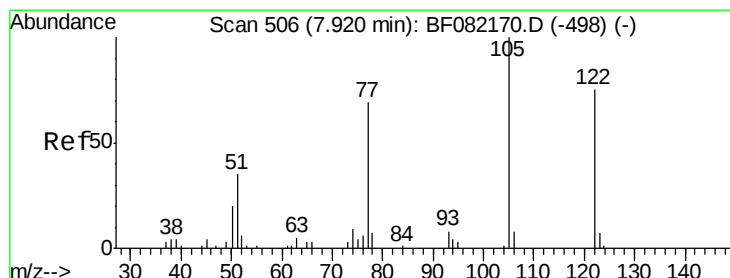
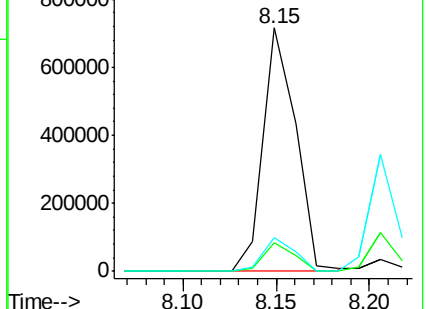
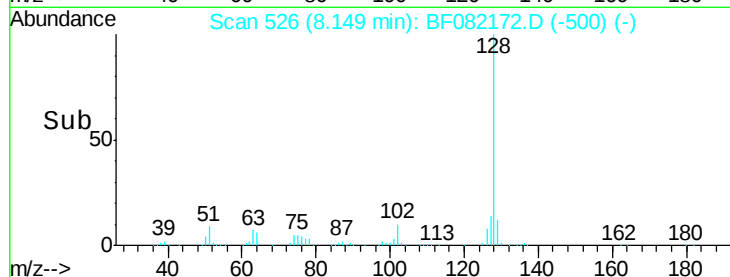
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 74.21 ng

RT: 7.94 min Scan# 508

Delta R.T. 0.02 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

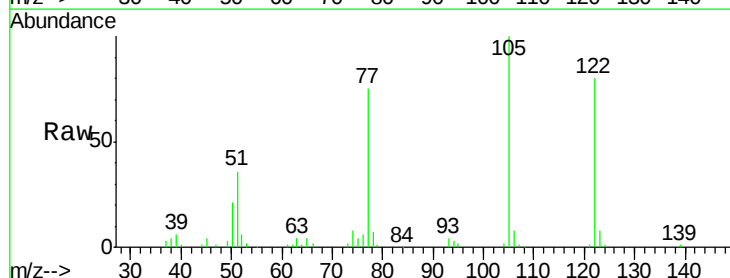
Tgt Ion:122 Resp: 212196

Ion Ratio Lower Upper

122 100

105 124.8 104.4 144.4

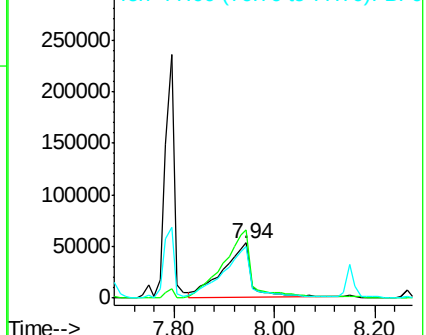
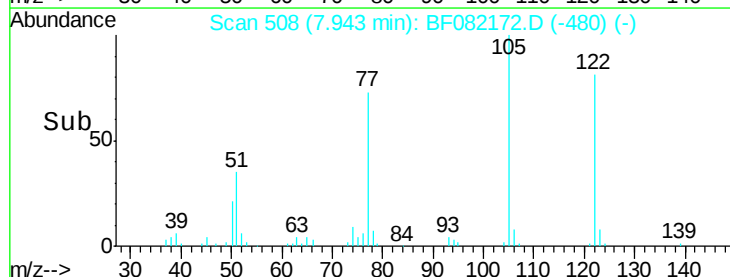
77 93.1 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

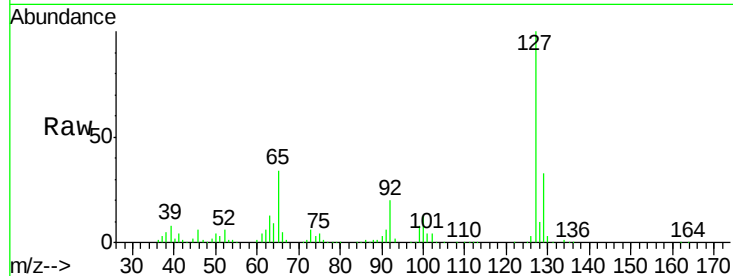




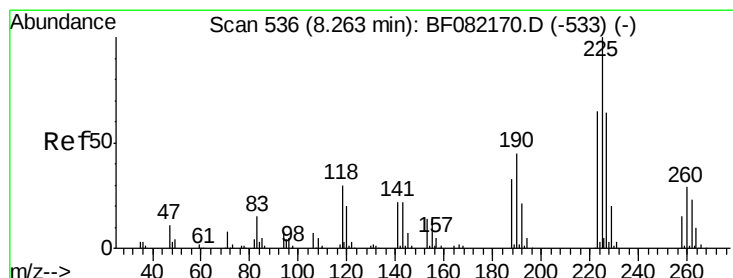
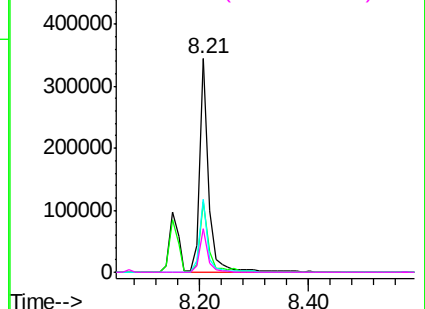
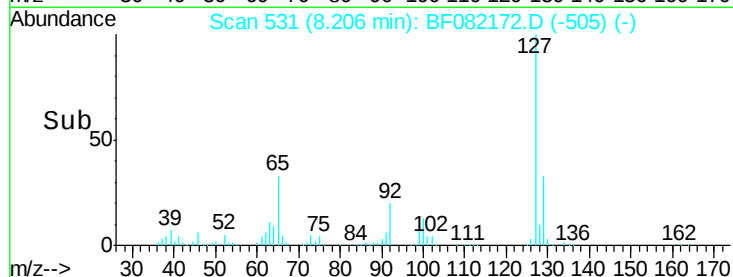
#33
4-Chloroaniline
Concen: 52.35 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	380068
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	34.1	24.4	36.6
92	20.5	15.7	23.5

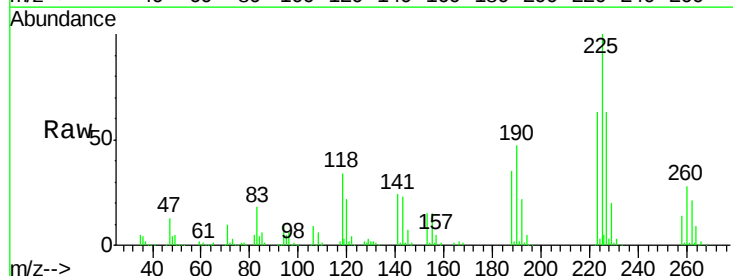


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

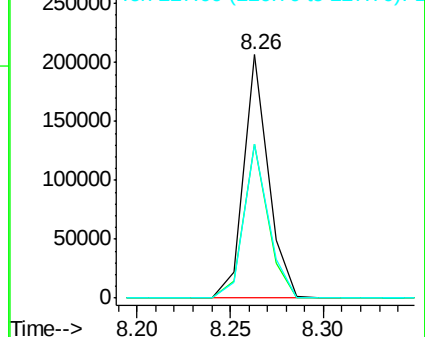
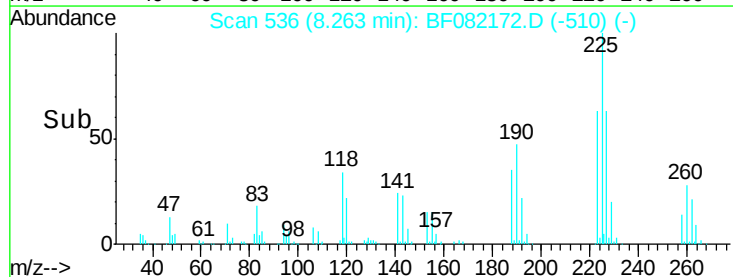


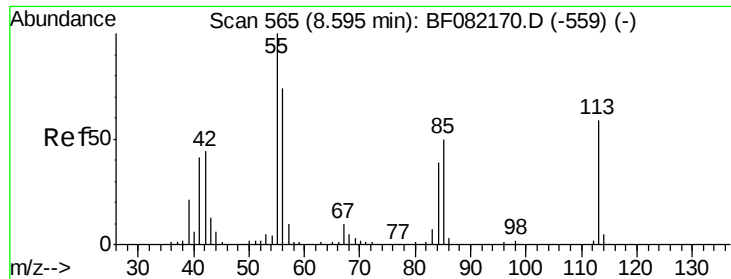
#34
Hexachlorobutadiene
Concen: 56.86 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Tgt Ion:	225	Resp:	191809
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.2
227	63.4	51.3	76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 59.02 ng

RT: 8.61 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF082172.D

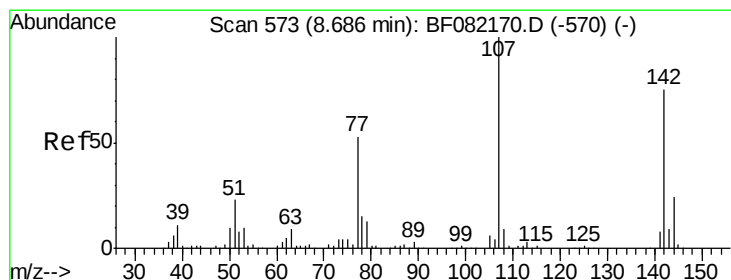
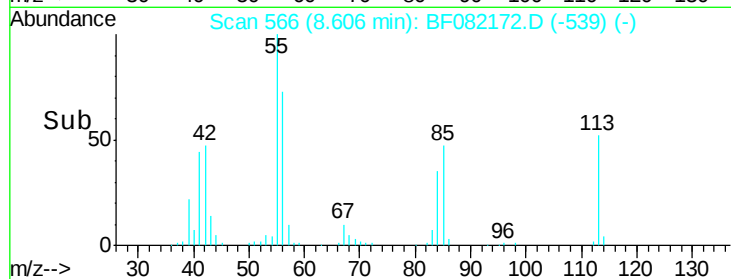
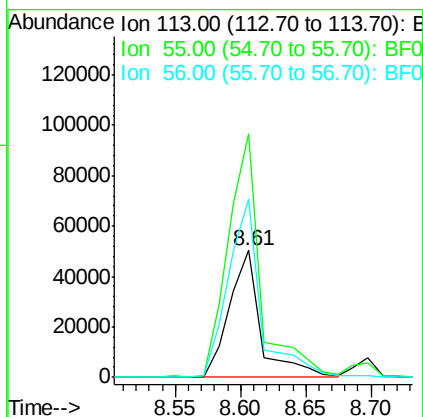
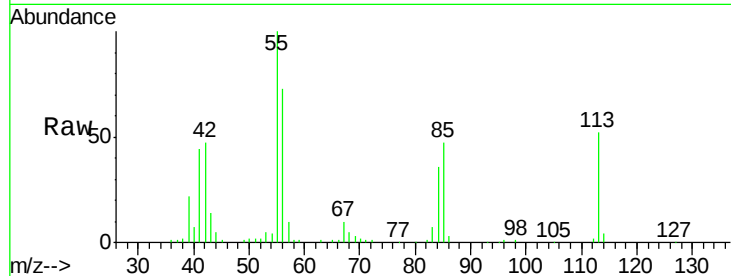
Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:113 Resp: 83913
 Ion Ratio Lower Upper
 113 100
 55 192.4 149.7 189.7#
 56 141.2 105.4 145.4



#36

4-Chloro-3-methylphenol

Concen: 60.60 ng

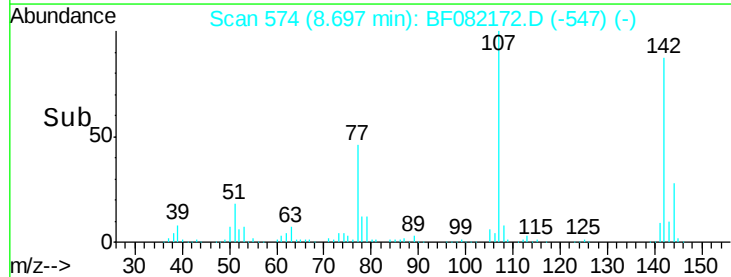
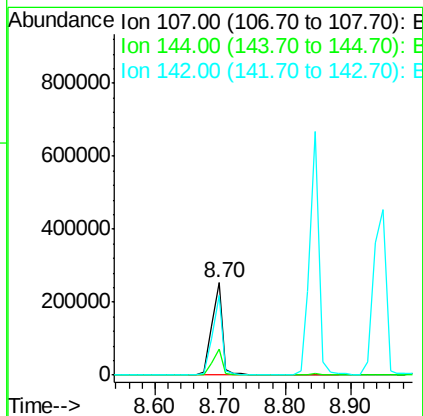
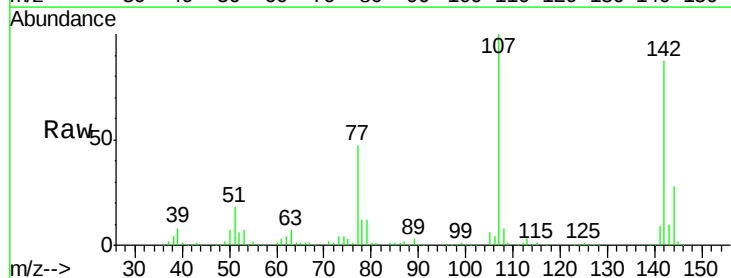
RT: 8.70 min Scan# 574

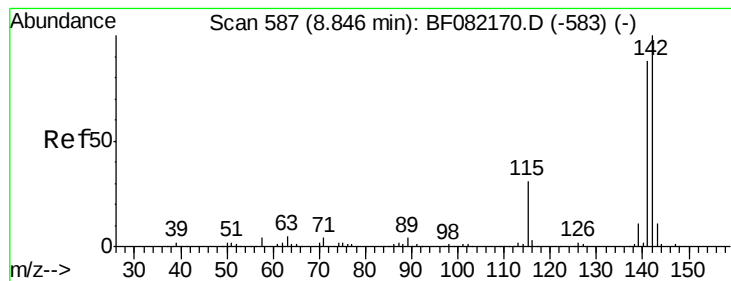
Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Tgt Ion:107 Resp: 299011
 Ion Ratio Lower Upper
 107 100
 144 28.2 19.3 28.9
 142 86.7 59.9 89.9

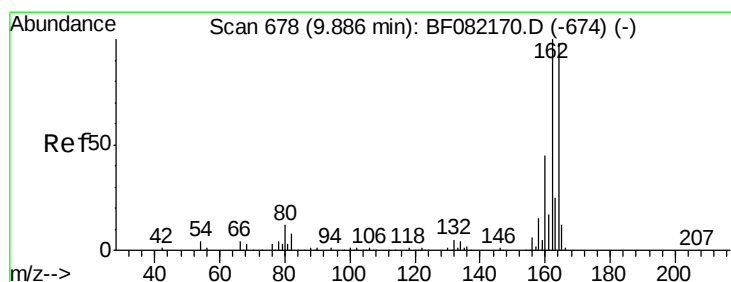
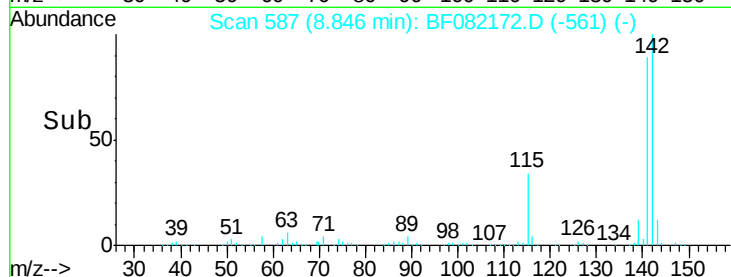
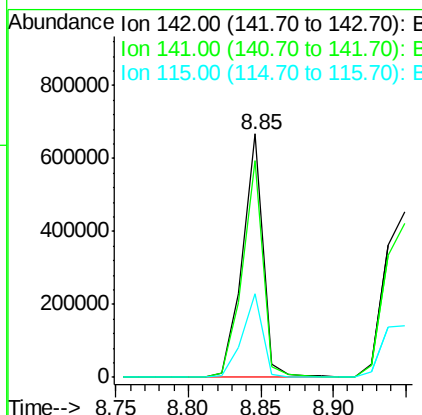
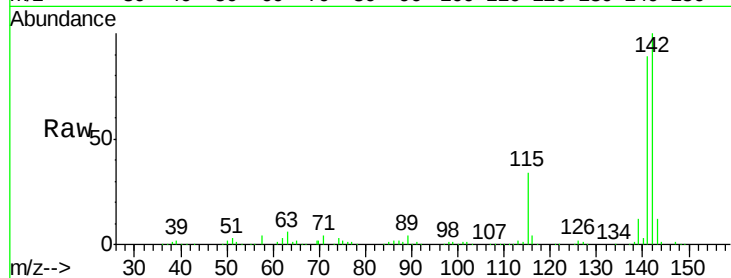




#37
 2-Methylnaphthalene
 Concen: 57.31 ng
 RT: 8.85 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

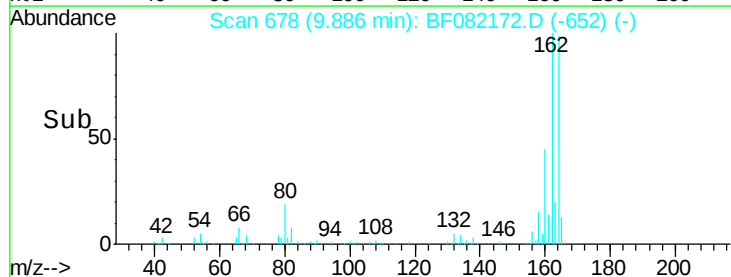
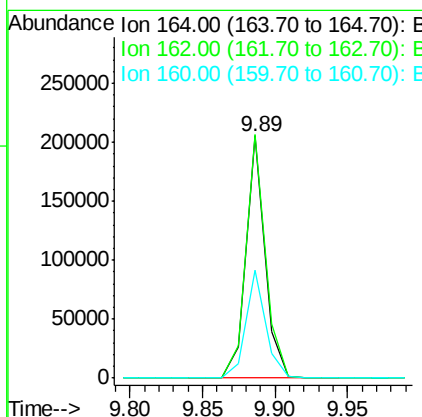
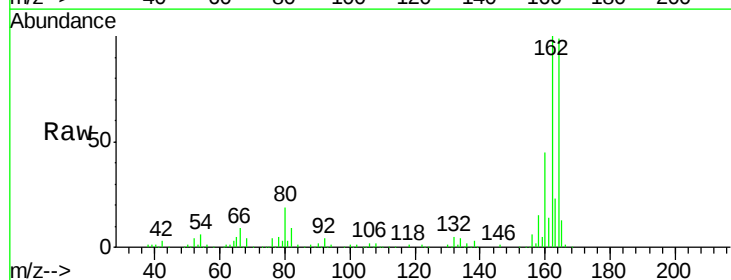
Instrument :
 BNA_F
 ClientSampleId :

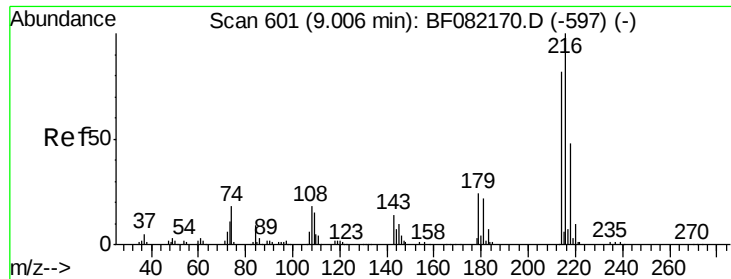
Tot Ion:142 Resp: 659394
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.4 105.6
 115 34.2 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Tgt Ion:164 Resp: 187834
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.6 122.4
 160 44.8 36.4 54.6

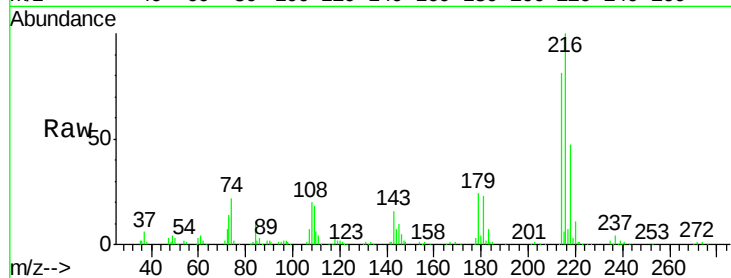




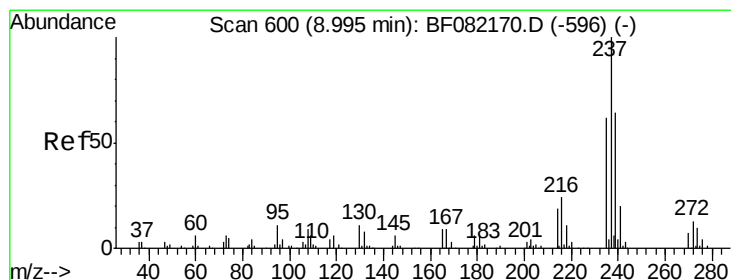
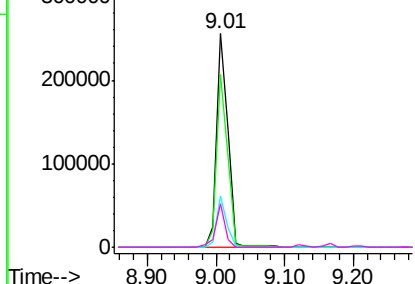
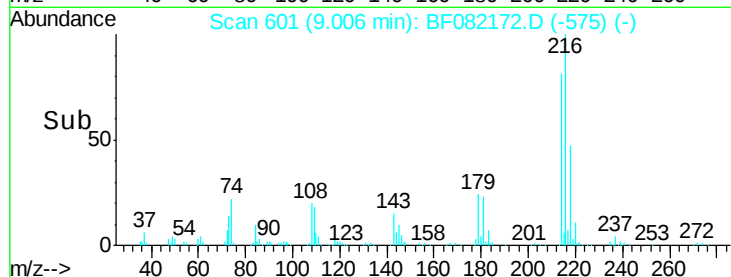
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.19 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	298598
Ion Ratio	Lower	Upper
216	100	
214	79.0	64.6 97.0
179	21.2	17.6 26.4
108	17.5	14.5 21.7

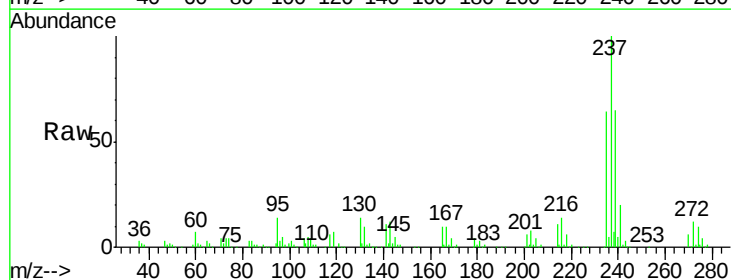


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

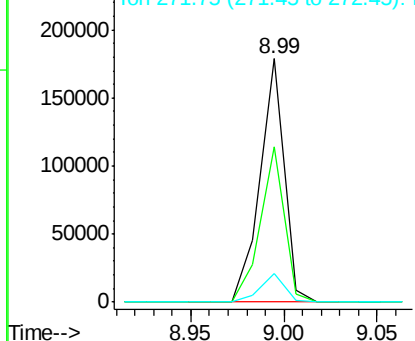
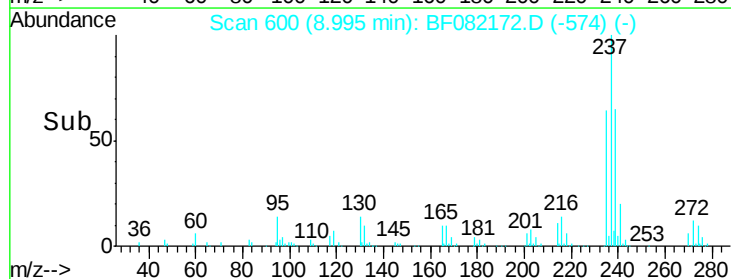


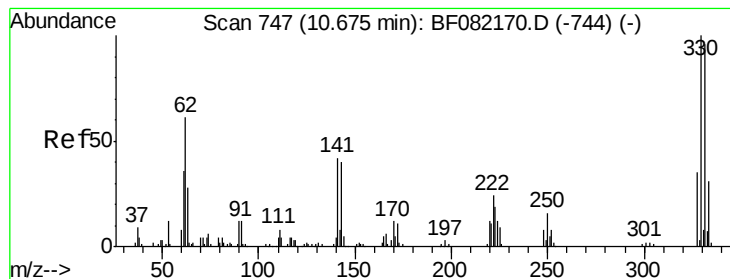
#40
 Hexachlorocyclopentadiene
 Concen: 56.20 ng
 RT: 8.99 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Tgt Ion:237	Resp:	160316
Ion Ratio	Lower	Upper
237	100	
235	63.6	41.7 81.7
272	11.8	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: 108.90 ng

RT: 10.69 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

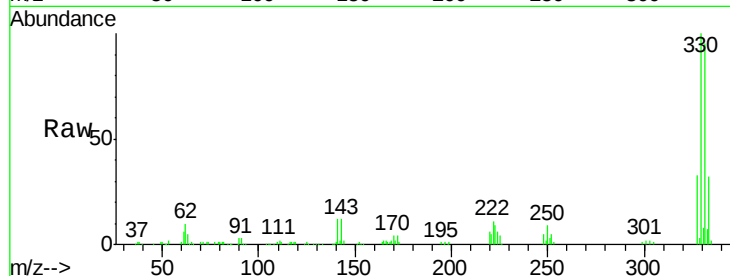
Tot Ion:330 Resp: 204946

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

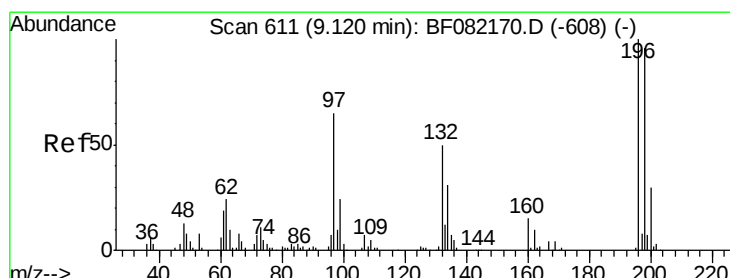
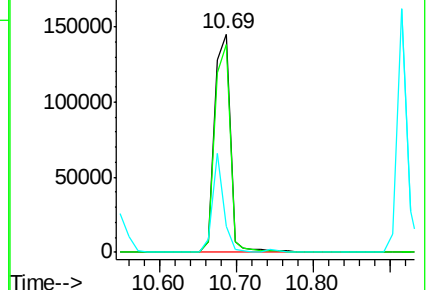
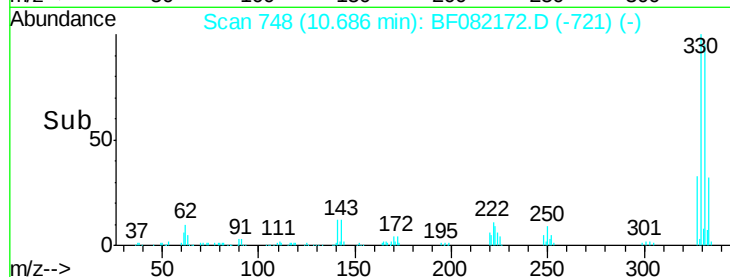
141 32.0 29.8 44.8



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: 54.43 ng

RT: 9.12 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

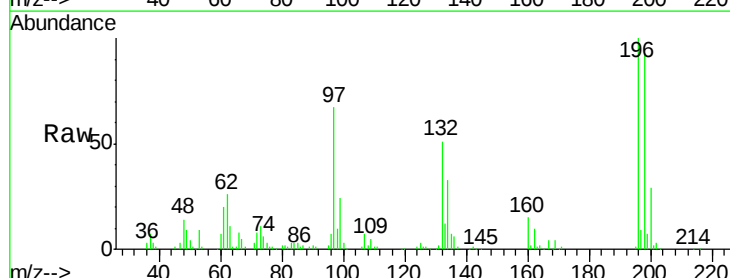
Tgt Ion:196 Resp: 211237

Ion Ratio Lower Upper

196 100

198 93.1 76.6 115.0

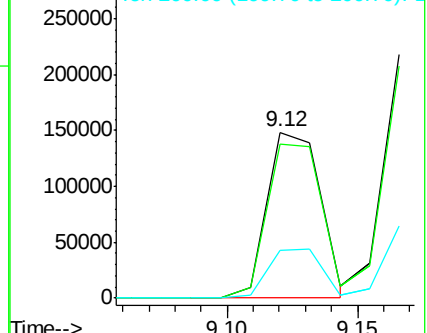
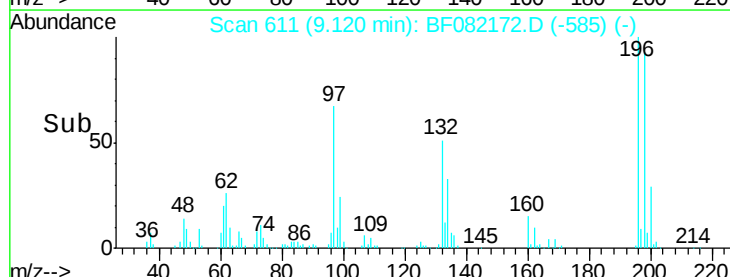
200 28.8 23.7 35.5



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

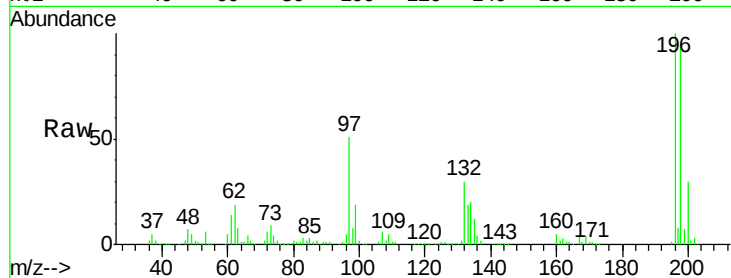




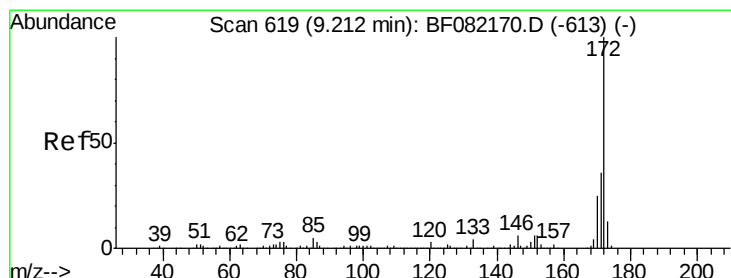
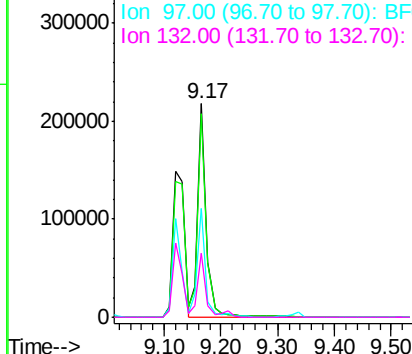
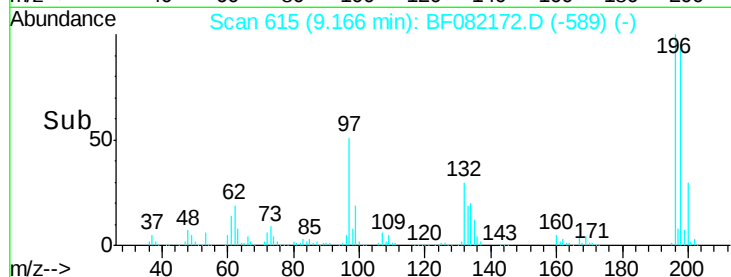
#43
 2,4,5-Trichlorophenol
 Concen: 56.46 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 228510
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.0 115.4
 97 51.2 31.9 47.9#
 132 30.0 20.3 30.5

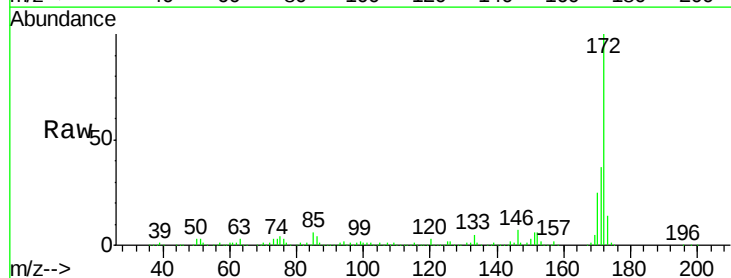


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

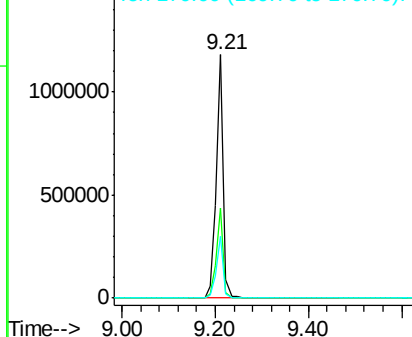
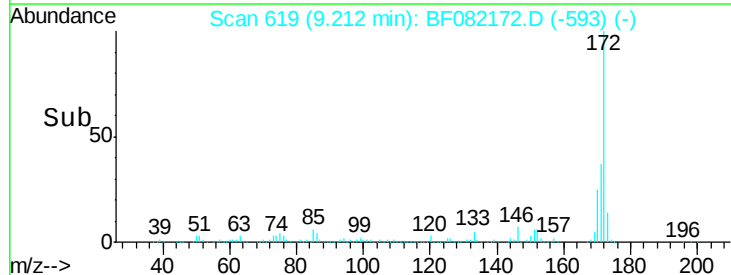


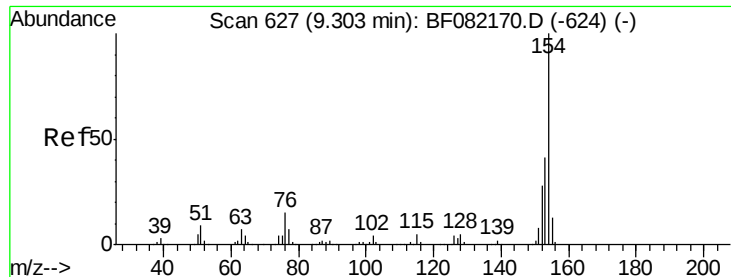
#44
 2-Fluorobiphenyl
 Concen: 104.40 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Tgt Ion:172 Resp: 1240548
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 25.3 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: 56.55 ng

RT: 9.31 min Scan# 628

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

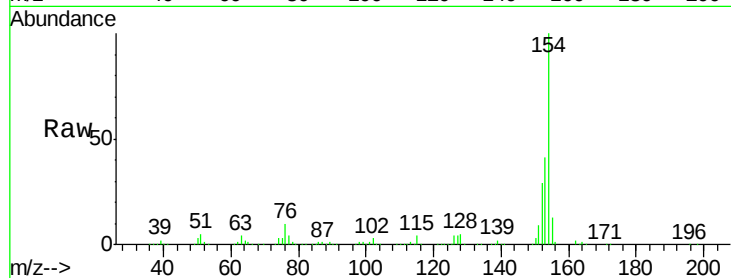
Tot Ion:154 Resp: 813710

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

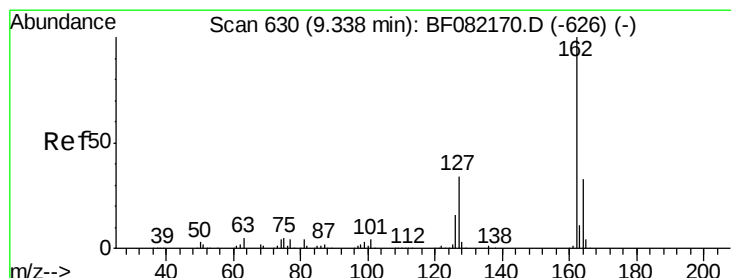
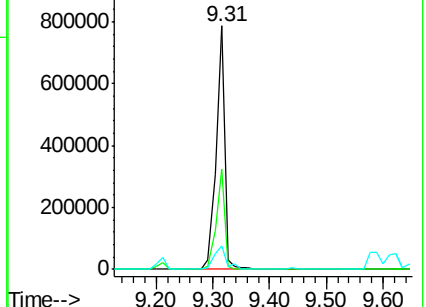
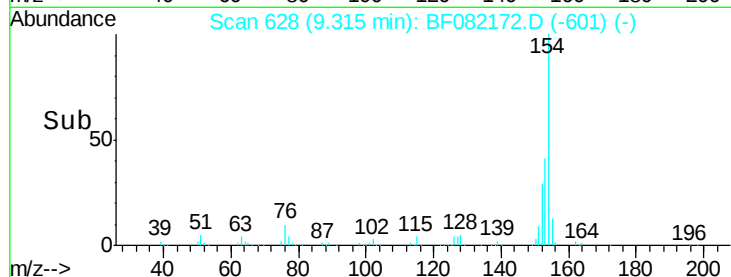
76 9.5 0.0 35.2



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: 57.66 ng

RT: 9.34 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

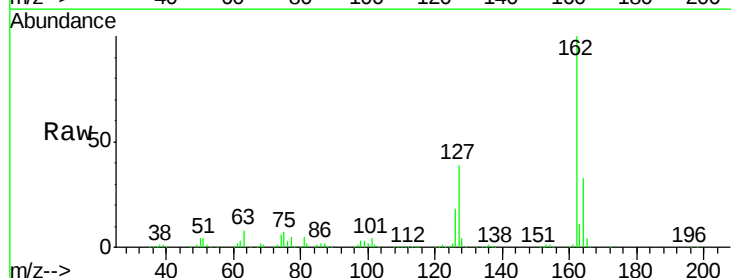
Tgt Ion:162 Resp: 652164

Ion Ratio Lower Upper

162 100

127 38.7 27.5 41.3

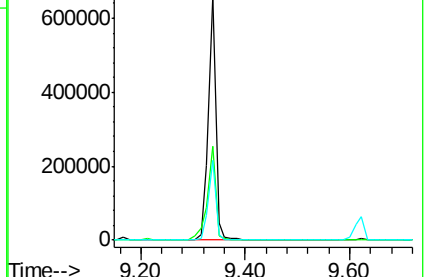
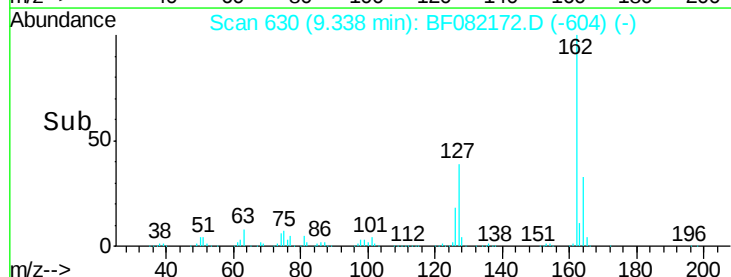
164 32.7 26.6 39.8

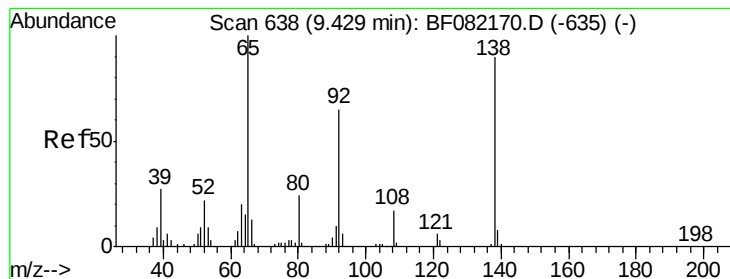


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.14 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampled :

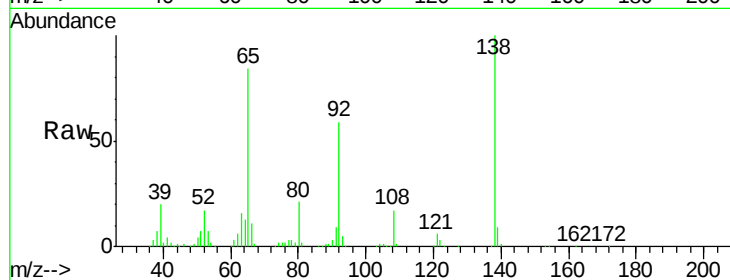
Tot Ion: 65 Resp: 195995

Ion Ratio Lower Upper

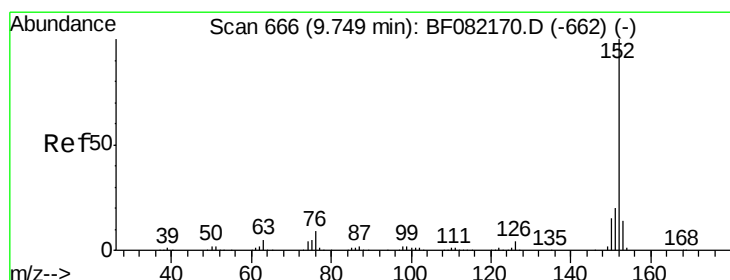
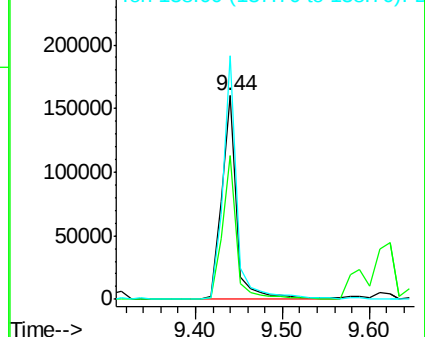
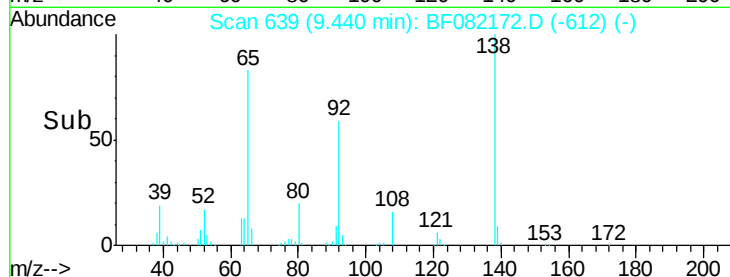
65 100

92 70.7 52.3 78.5

138 119.7 72.2 108.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 49.57 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

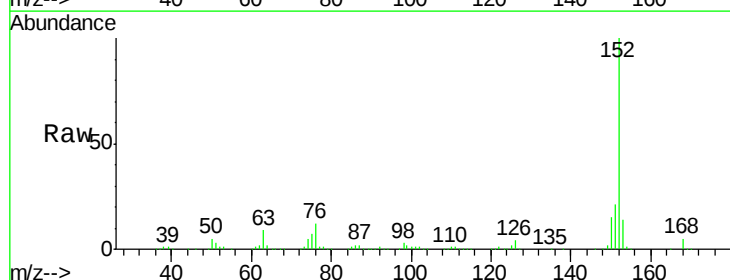
Tgt Ion: 152 Resp: 902217

Ion Ratio Lower Upper

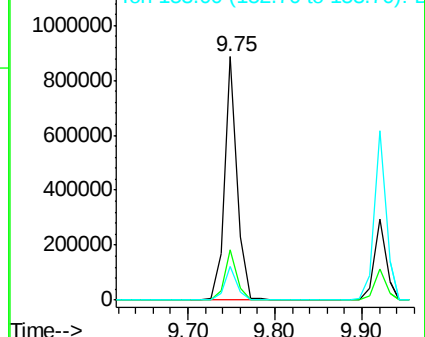
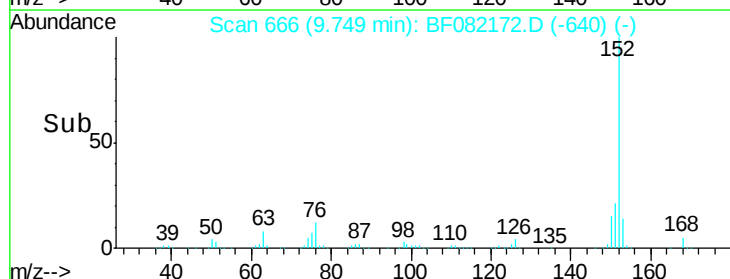
152 100

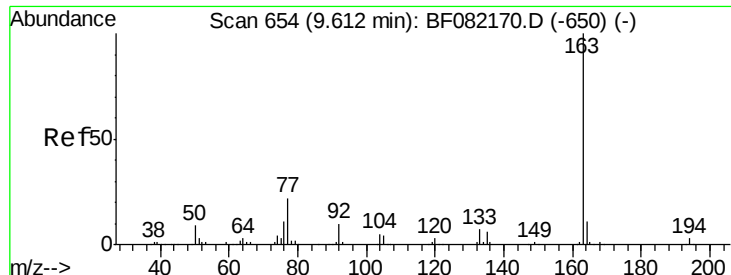
151 20.8 16.4 24.6

153 13.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 59.42 ng

RT: 9.62 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

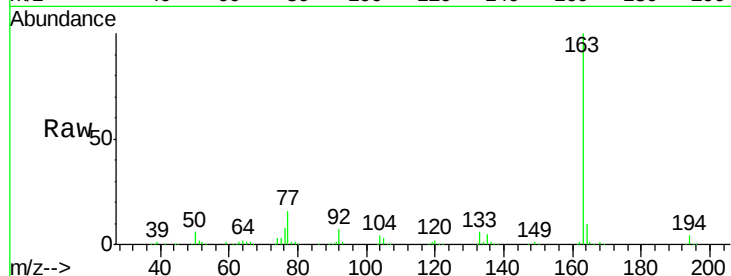
Tot Ion:163 Resp: 760667

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

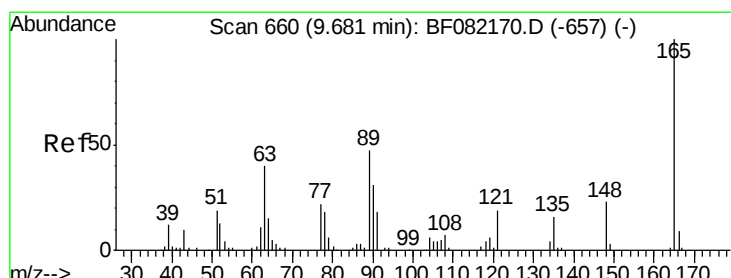
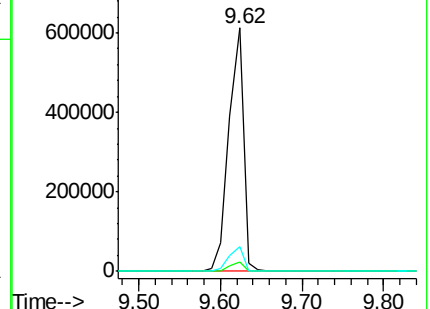
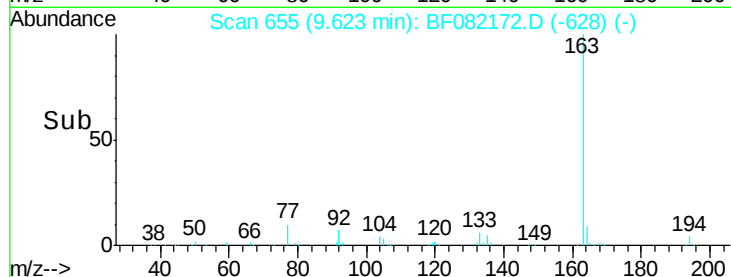
164 10.1 8.5 12.7



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: 51.04 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

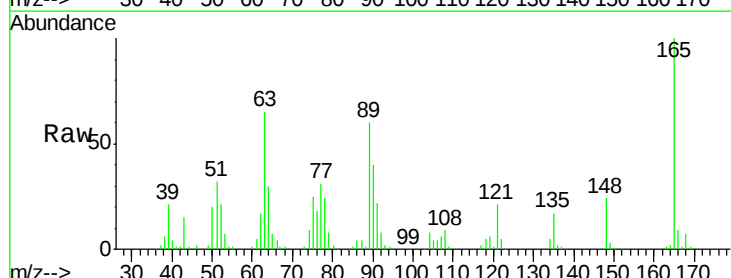
Tgt Ion:165 Resp: 144864

Ion Ratio Lower Upper

165 100

63 65.4 36.7 55.1#

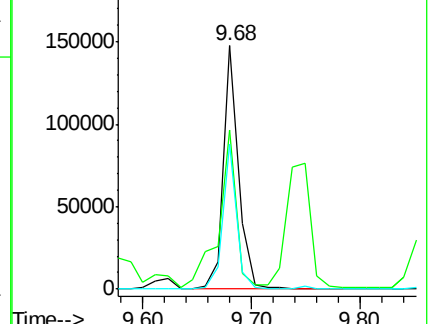
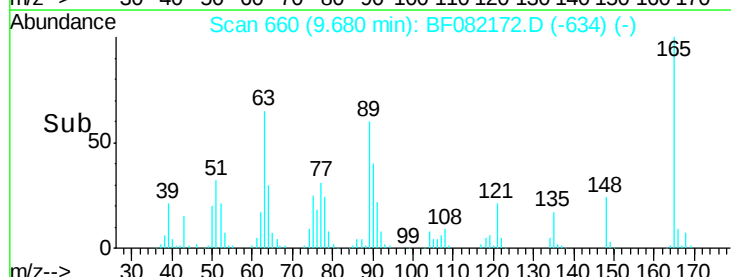
89 59.5 37.8 56.6#

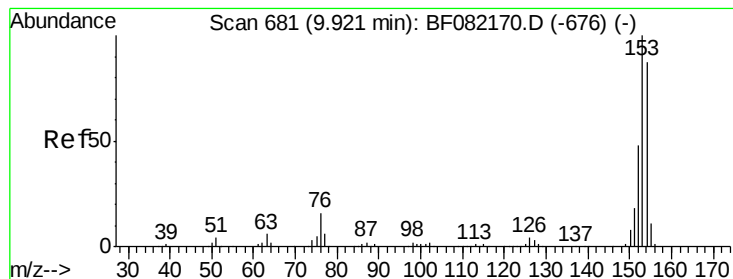


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.78 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampled :

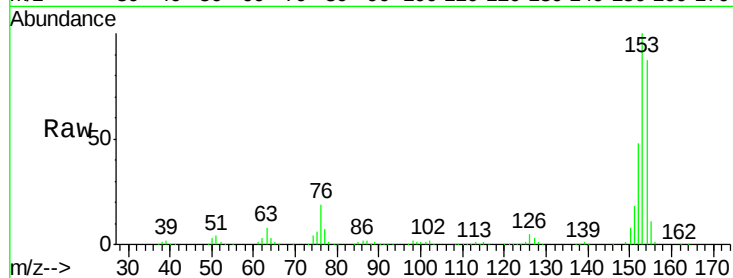
Tot Ion:154 Resp: 571547

Ion Ratio Lower Upper

154 100

153 114.8 91.4 137.2

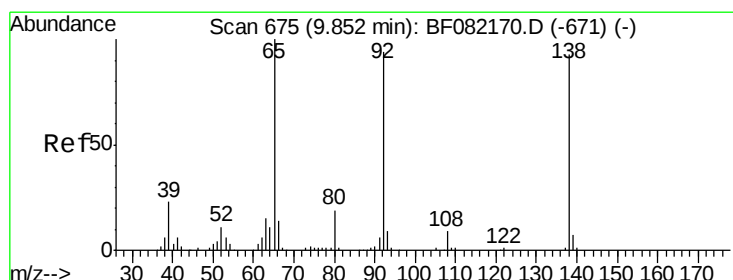
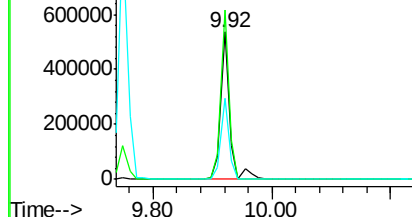
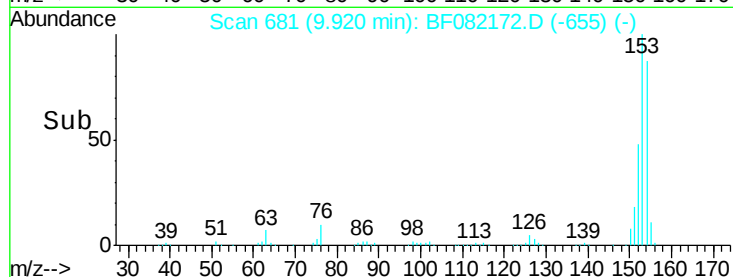
152 54.7 44.3 66.5



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: 52.41 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

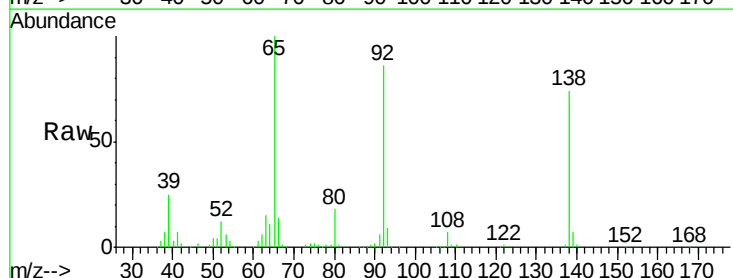
Tgt Ion:138 Resp: 169387

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

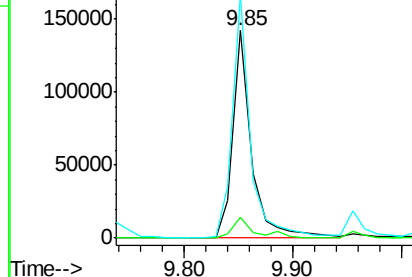
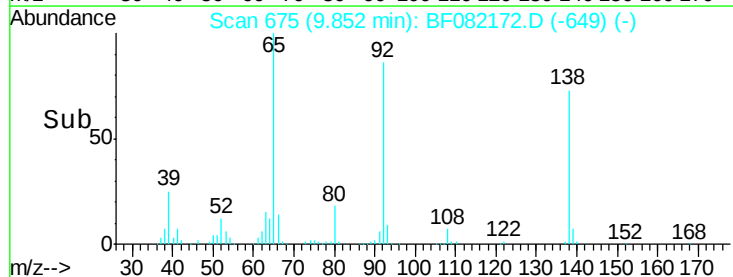
92 117.4 81.3 121.9



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

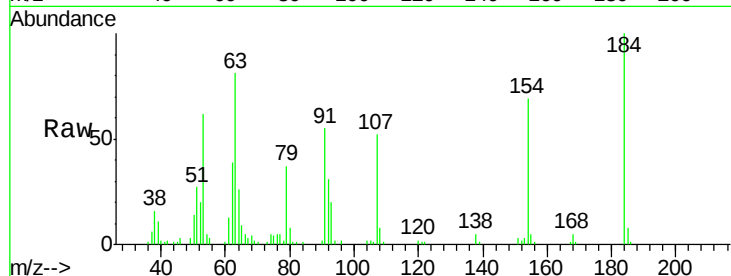




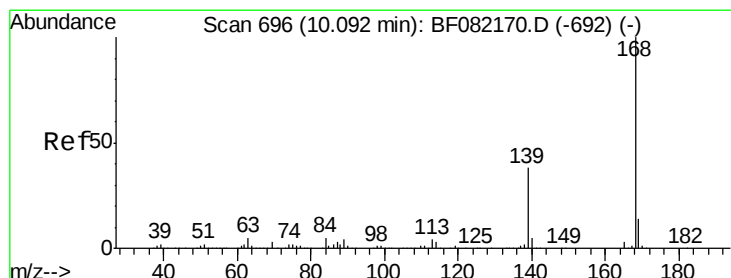
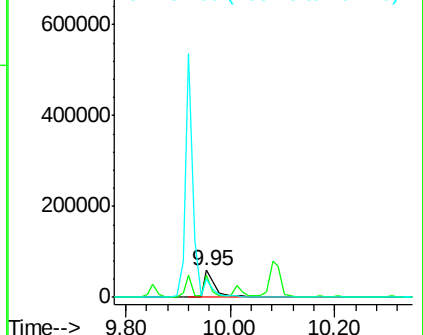
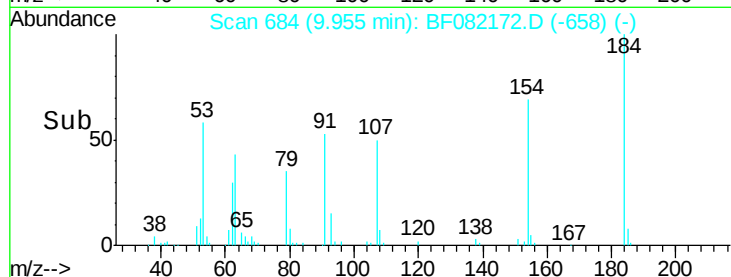
#53
2,4-Dinitrophenol
Concen: 84.78 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 87880
Ion Ratio Lower Upper
184 100
63 80.6 45.1 67.7#
154 68.6 51.2 76.8

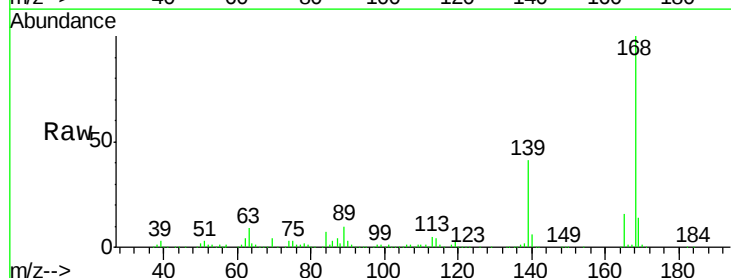


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

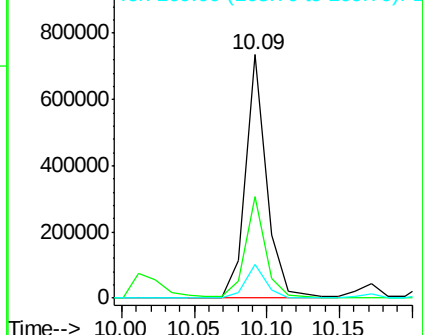
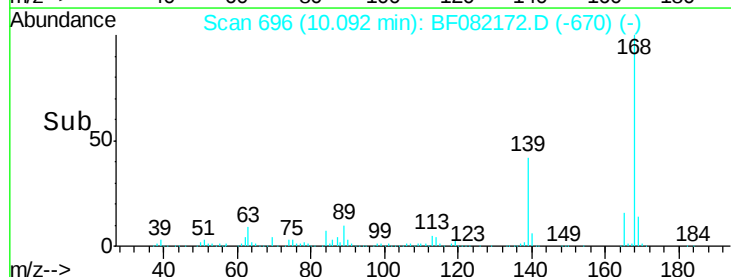


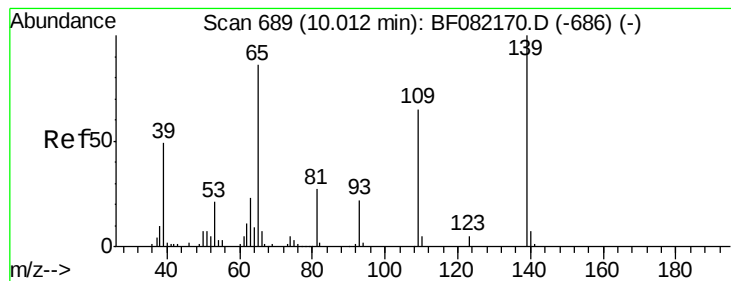
#54
Dibenzofuran
Concen: 48.50 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Tgt Ion:168 Resp: 742795
Ion Ratio Lower Upper
168 100
139 41.5 31.0 46.6
169 14.0 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: 47.80 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

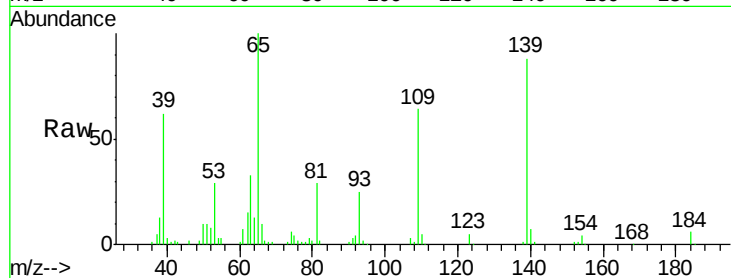
Tot Ion:139 Resp: 108835

Ion Ratio Lower Upper

139 100

109 72.2 44.8 84.8

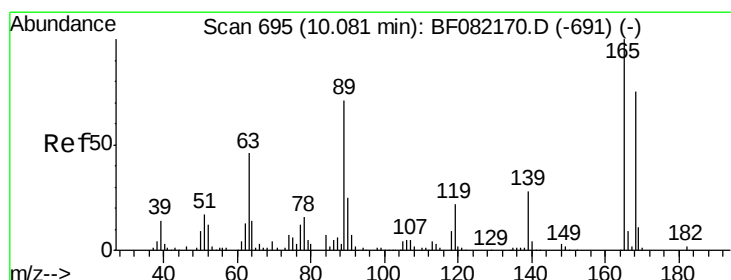
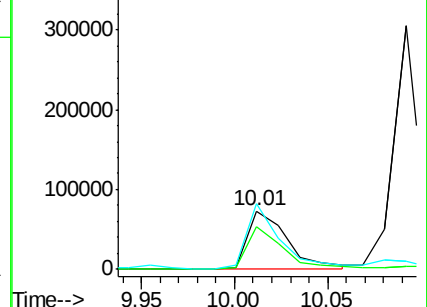
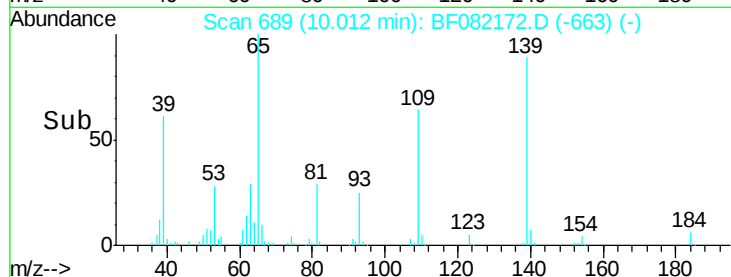
65 113.0 67.7 107.7#



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: 55.99 ng

RT: 10.08 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Tgt Ion:165 Resp: 200414

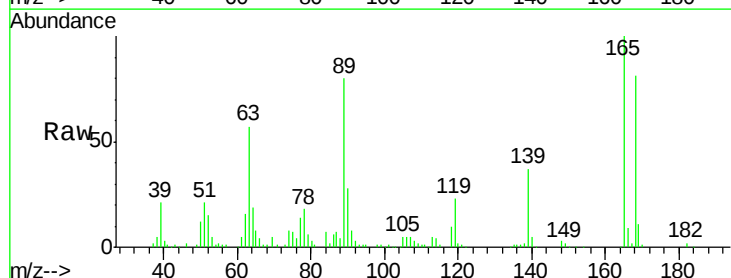
Ion Ratio Lower Upper

165 100

63 56.7 38.6 58.0

89 79.8 57.0 85.6

182 2.1 1.8 2.6

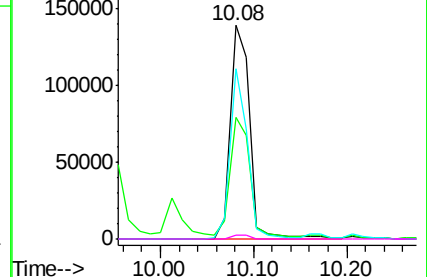
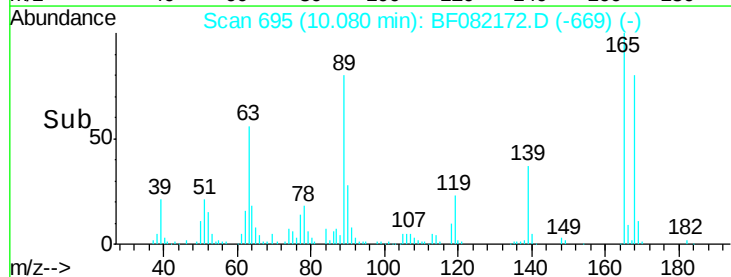


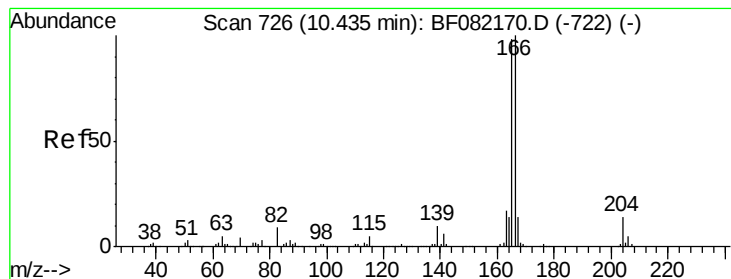
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.18 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

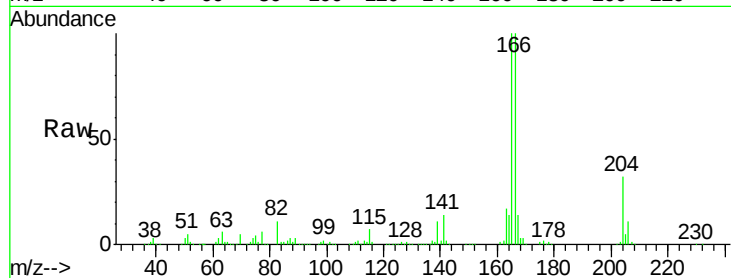
Tot Ion:166 Resp: 598422

Ion Ratio Lower Upper

166 100

165 99.5 78.3 117.5

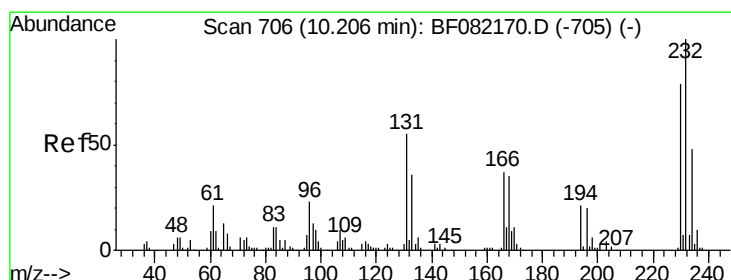
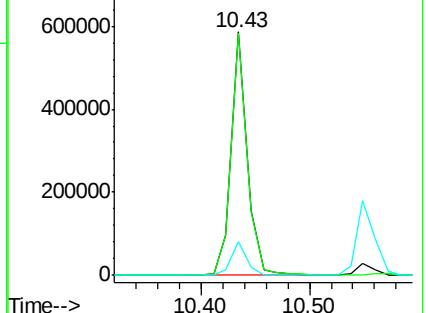
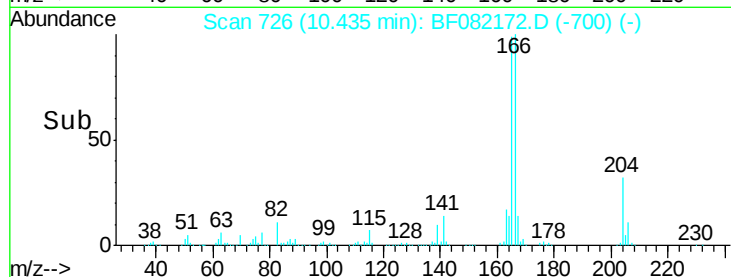
167 13.7 10.8 16.2



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: 57.89 ng

RT: 10.22 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Tgt Ion:232 Resp: 185436

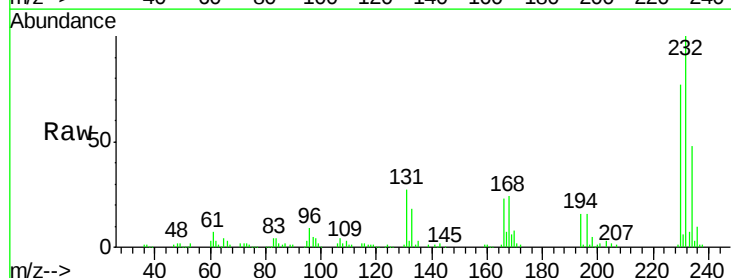
Ion Ratio Lower Upper

232 100

131 40.6 36.6 54.8

130 1.7 1.5 2.3

166 27.8 24.6 37.0

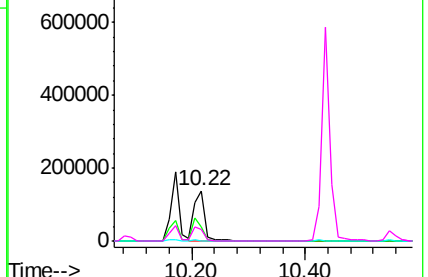
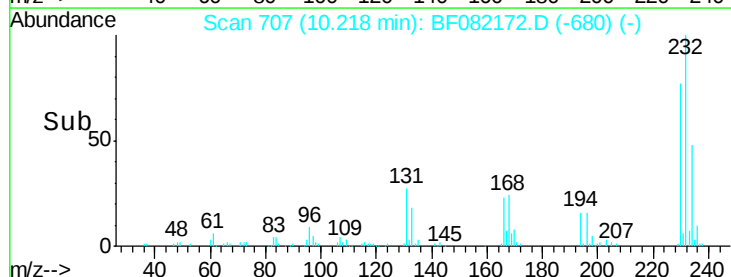


Abundance Ion 232.00 (231.70 to 232.70): E

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: 57.35 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

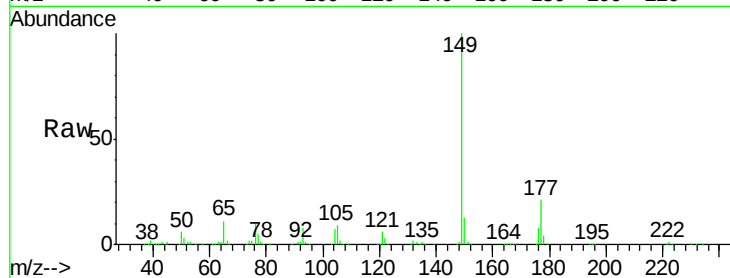
Tot Ion:149 Resp: 692705

Ion Ratio Lower Upper

149 100

177 20.8 17.6 26.4

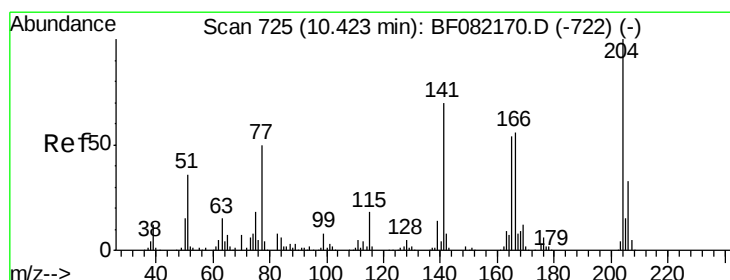
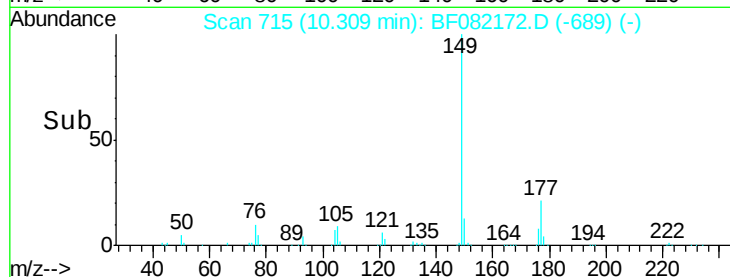
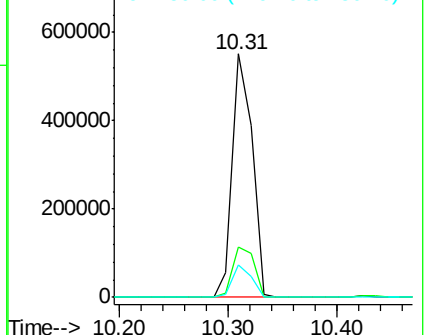
150 13.1 10.3 15.5



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: 53.70 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

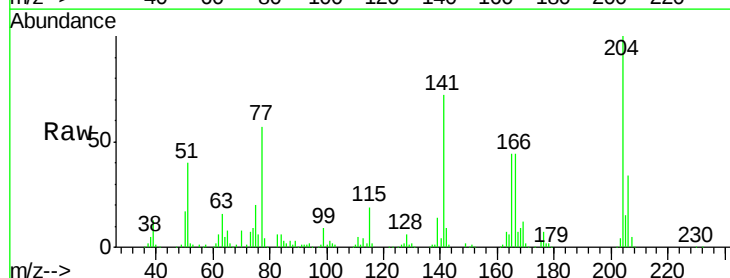
Tgt Ion:204 Resp: 299508

Ion Ratio Lower Upper

204 100

206 34.1 26.8 40.2

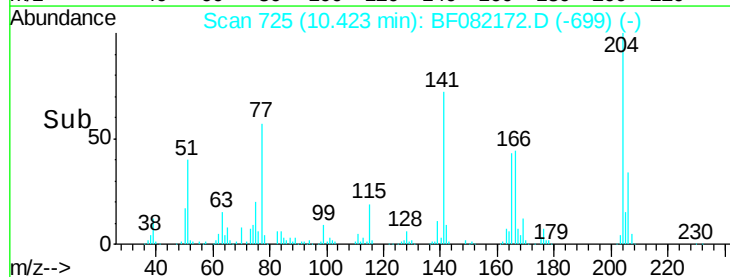
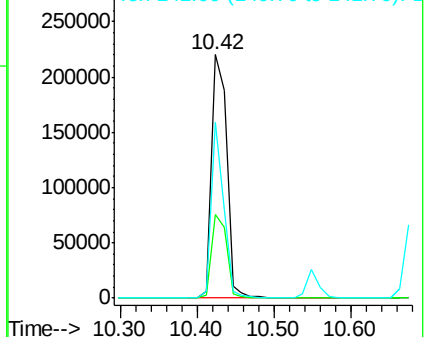
141 72.3 56.1 84.1

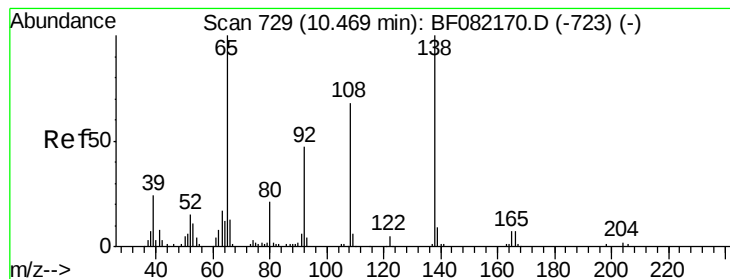


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 56.44 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

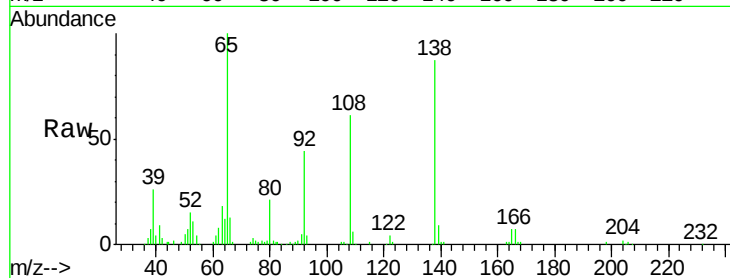
Tot Ion:138 Resp: 184638

Ion Ratio Lower Upper

138 100

92 50.9 26.8 66.8

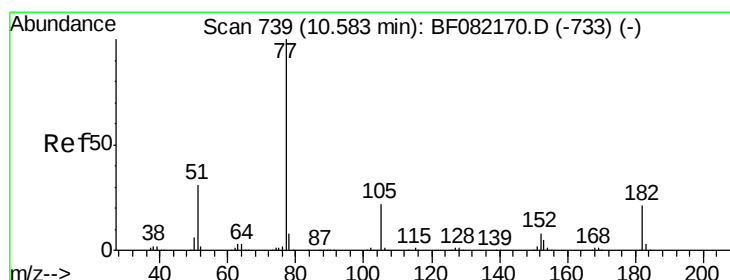
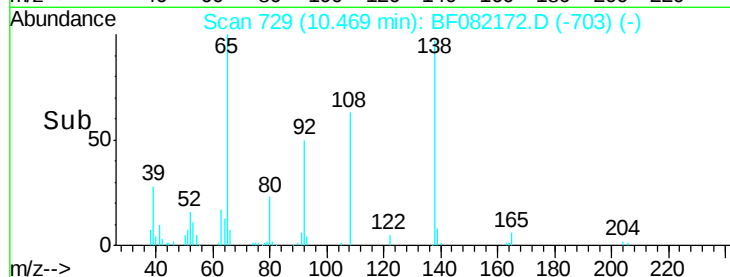
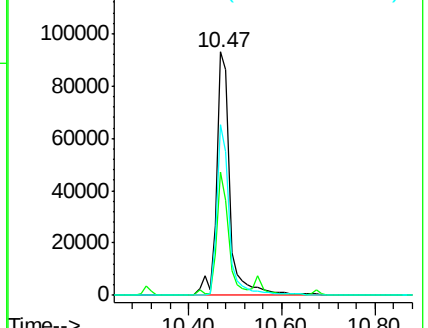
108 69.9 48.4 88.4



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: 55.35 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Tgt Ion: 77 Resp: 652164

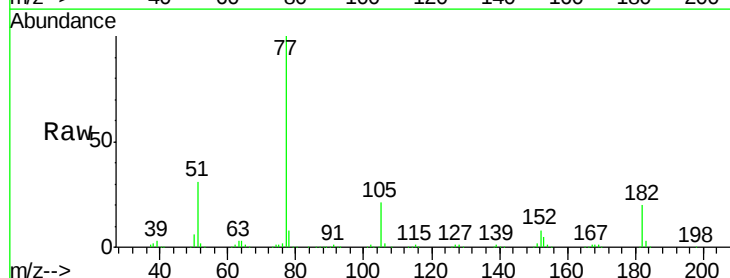
Ion Ratio Lower Upper

77 100

182 19.5 0.5 40.5

105 21.3 1.8 41.8

51 31.4 11.2 51.2

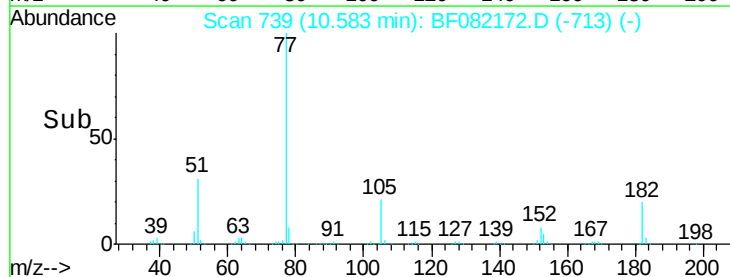
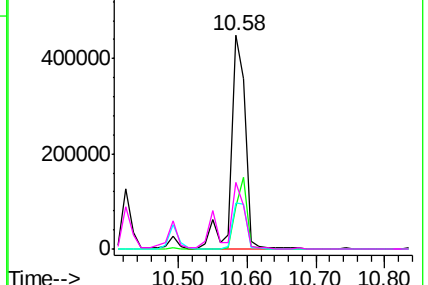


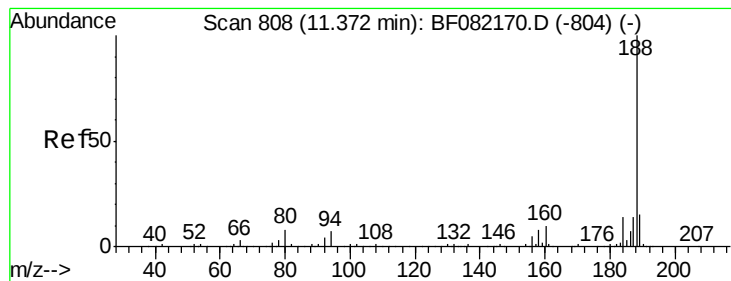
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampled :

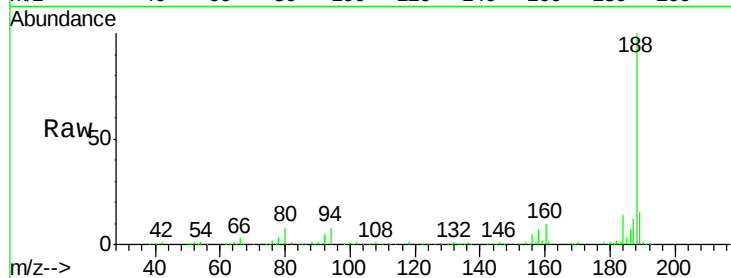
Tot Ion:188 Resp: 362777

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

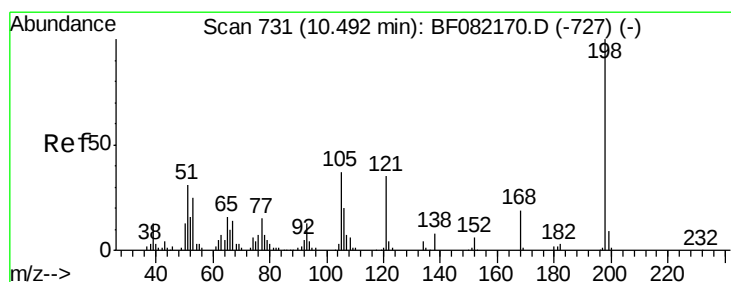
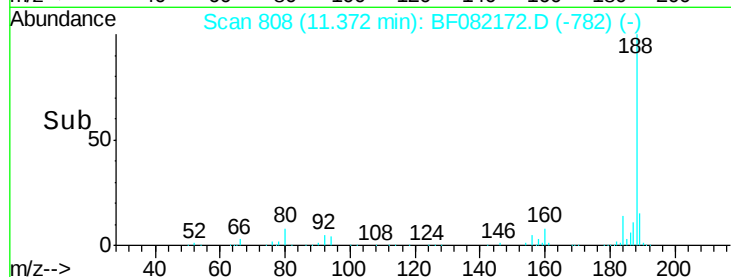
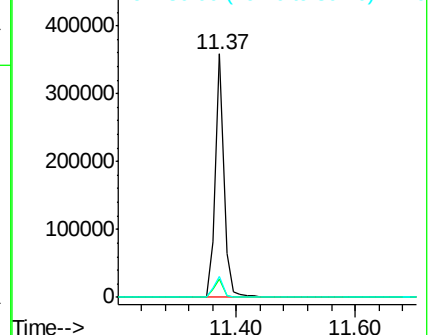
80 8.4 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 70.47 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

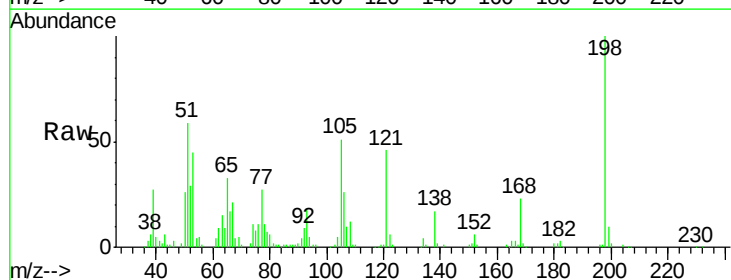
Tgt Ion:198 Resp: 117870

Ion Ratio Lower Upper

198 100

51 58.9 13.6 53.6#

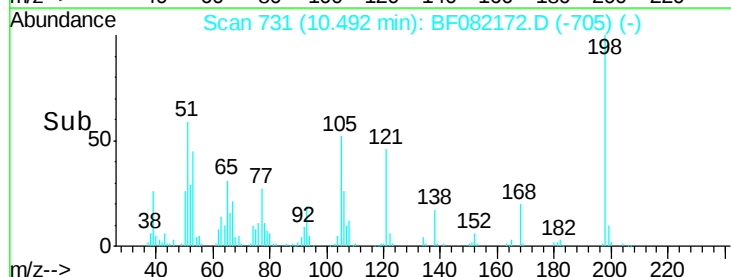
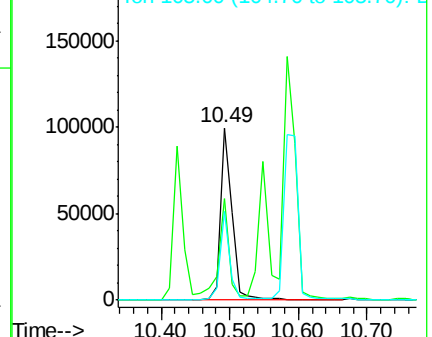
105 51.4 17.1 57.1

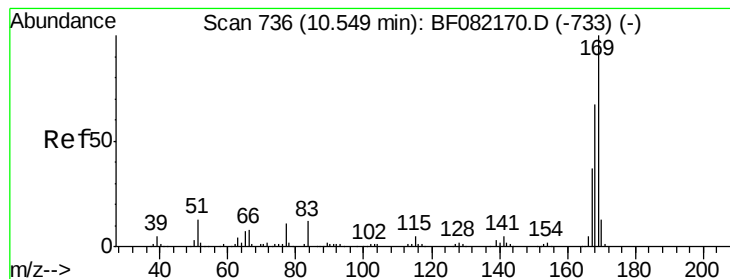


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.03 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

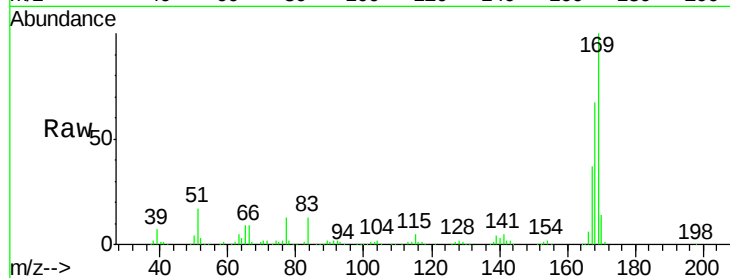
Tot Ion:169 Resp: 559606

Ion Ratio Lower Upper

169 100

168 67.2 54.0 81.0

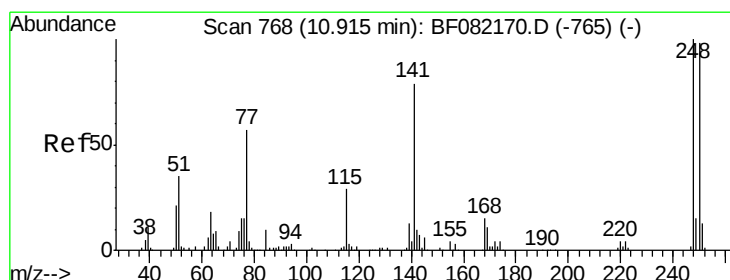
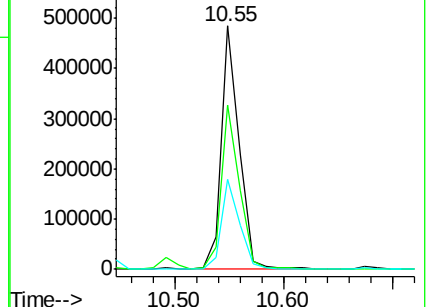
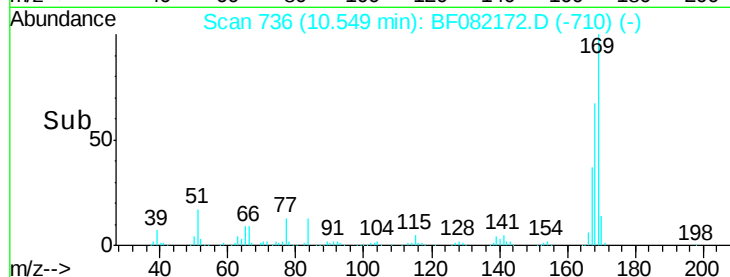
167 37.1 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.08 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

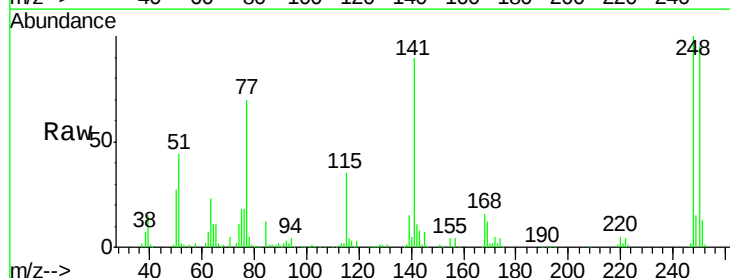
Tgt Ion:248 Resp: 190635

Ion Ratio Lower Upper

248 100

250 95.1 78.6 117.8

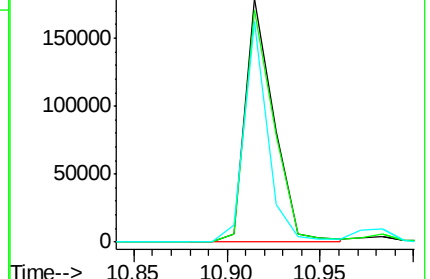
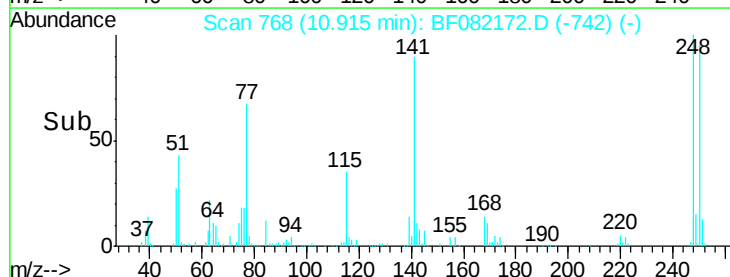
141 90.4 63.3 94.9

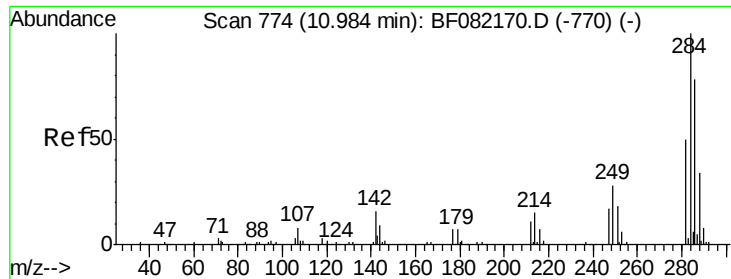


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

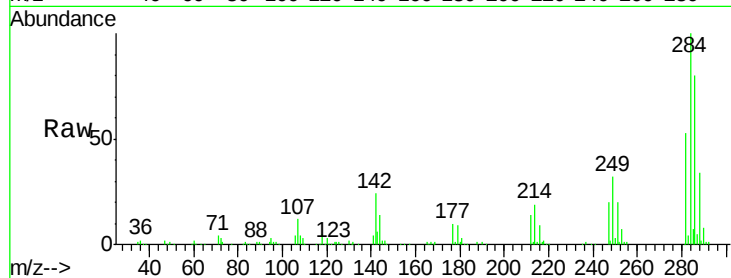




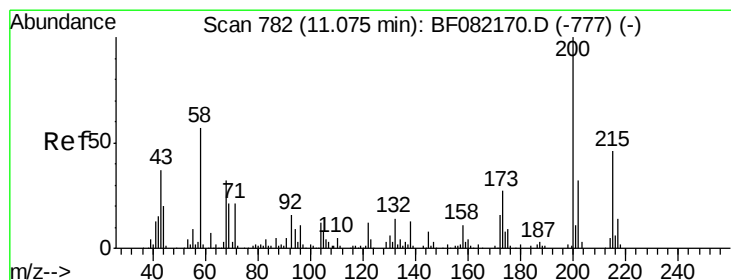
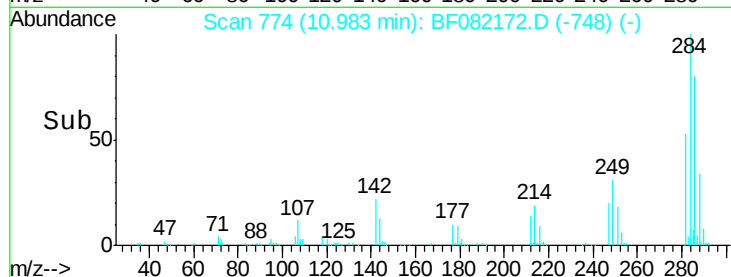
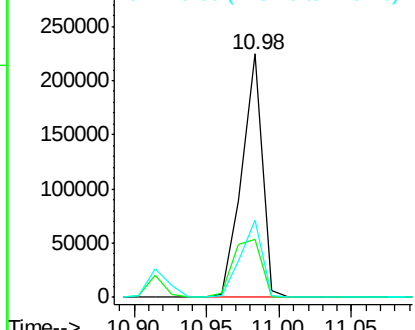
#67
Hexachlorobenzene
Concen: 54.50 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 222756
Ion Ratio Lower Upper
284 100
142 23.7 13.0 19.6#
249 31.6 22.5 33.7

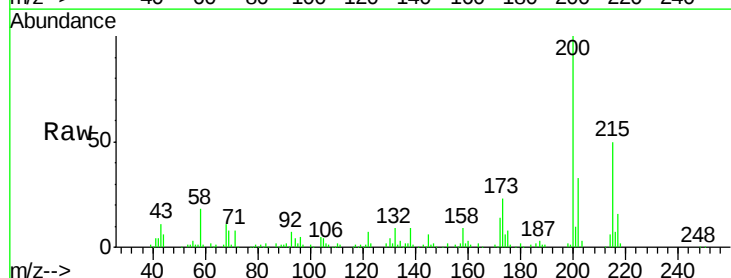


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

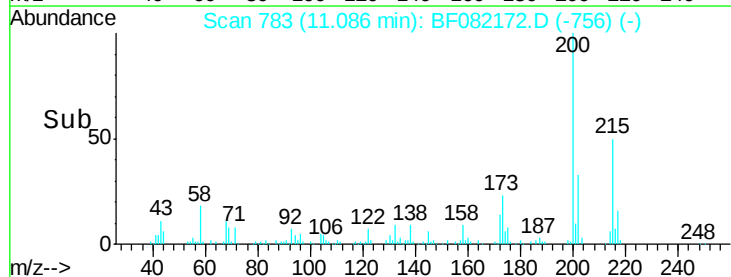
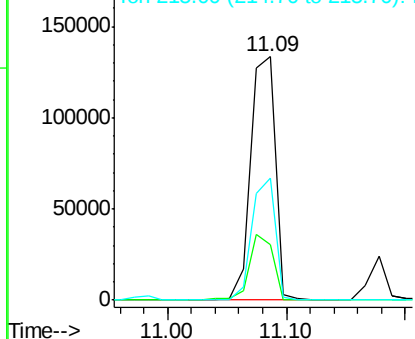


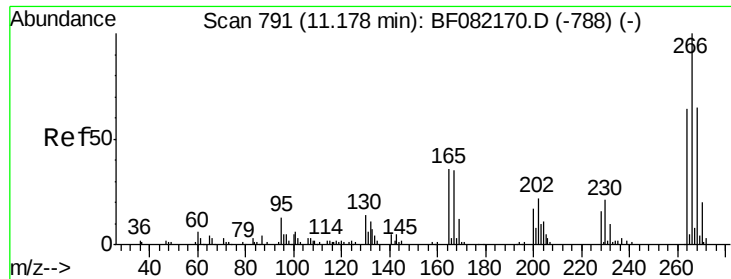
#68
Atrazine
Concen: 57.65 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Tgt Ion:200 Resp: 194892
Ion Ratio Lower Upper
200 100
173 22.7 7.3 47.3
215 49.9 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

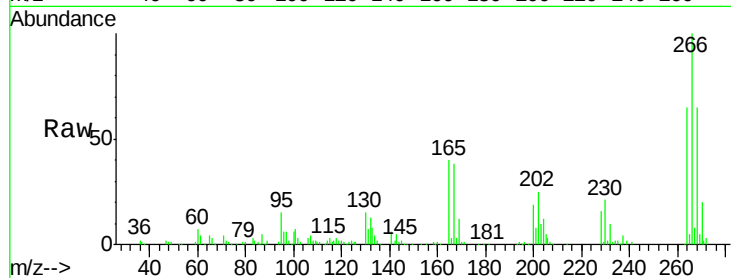




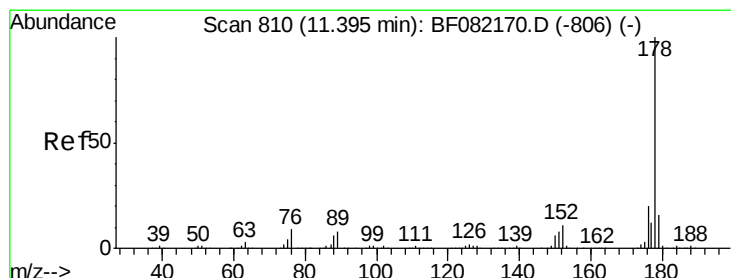
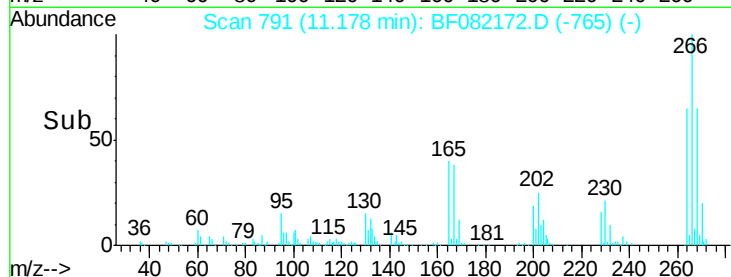
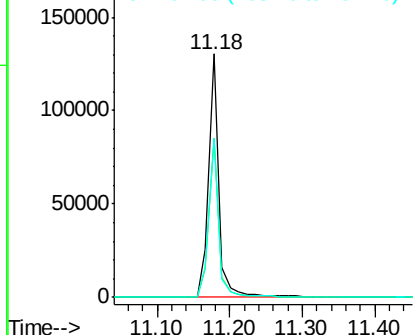
#69
 Pentachlorophenol
 Concen: 55.58 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.0	78.0
264	65.3	51.4	77.0

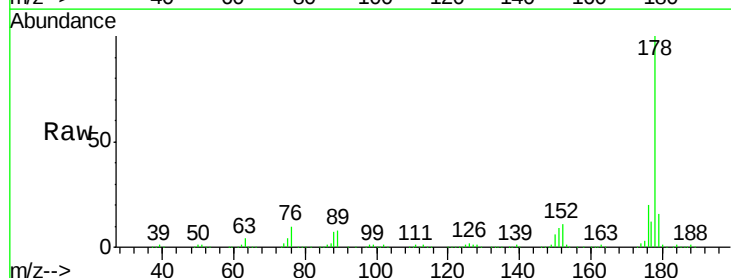


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

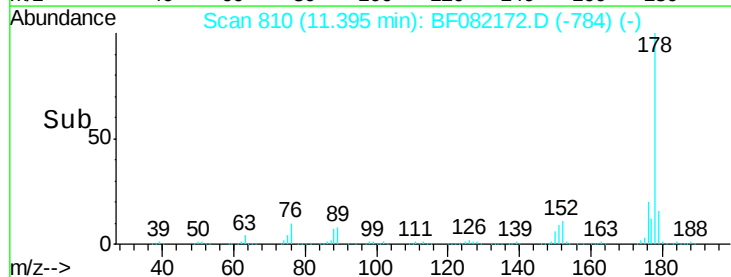
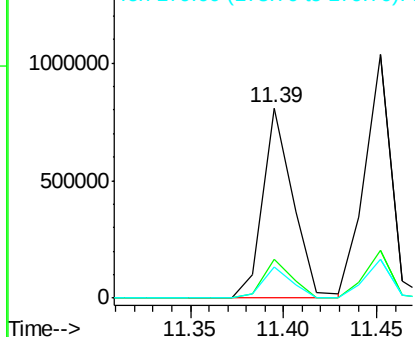


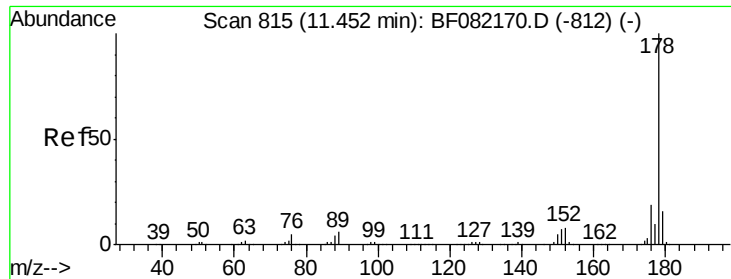
#70
 Phenanthrene
 Concen: 47.64 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.3	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

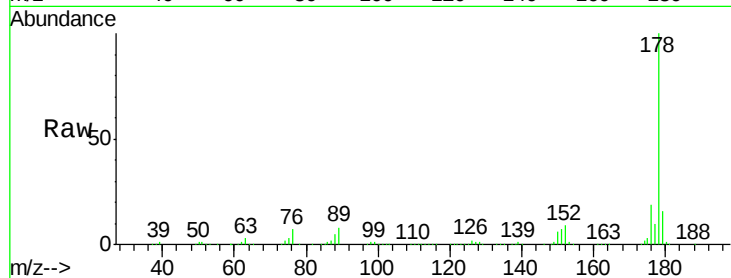




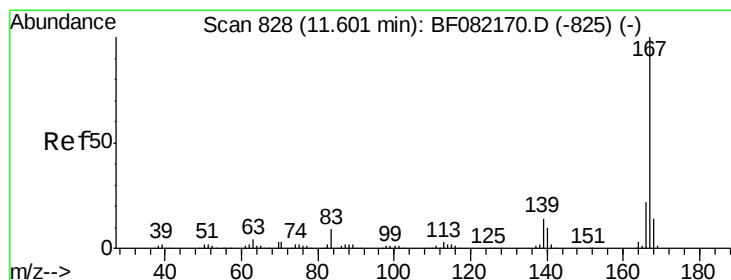
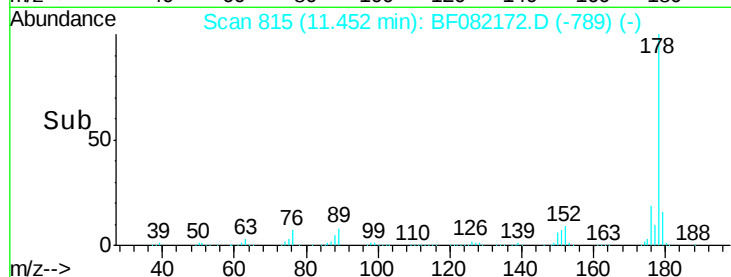
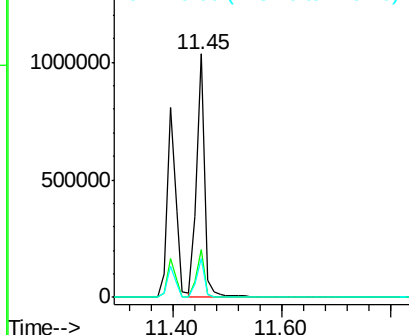
#71
 Anthracene
 Concen: 56.52 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1051053
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 15.7 12.5 18.7

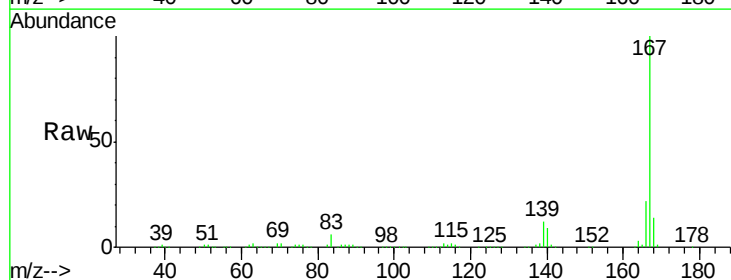


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

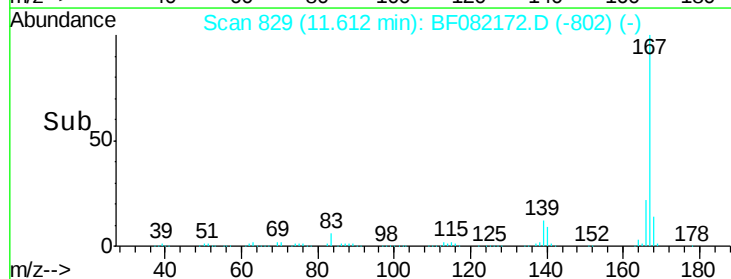
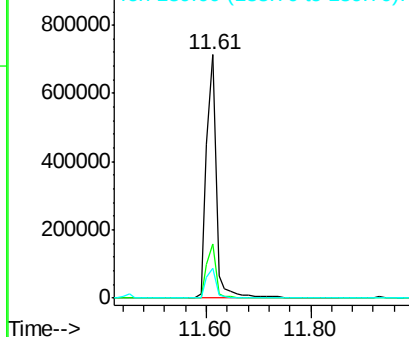


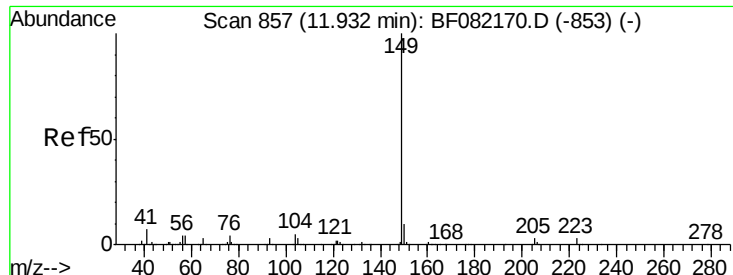
#72
 Carbazole
 Concen: 56.19 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Tgt Ion:167 Resp: 934635
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 12.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.03 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampled :

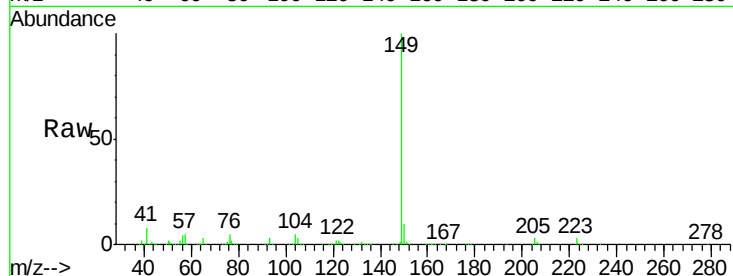
Tot Ion:149 Resp: 1046422

Ion Ratio Lower Upper

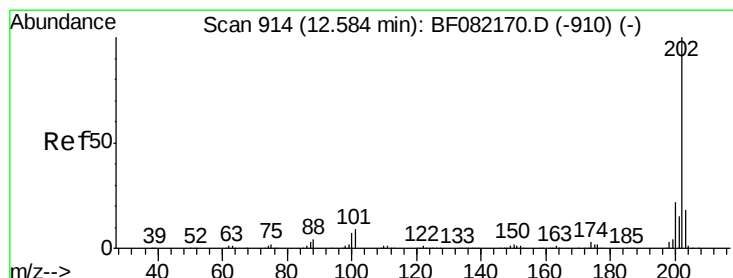
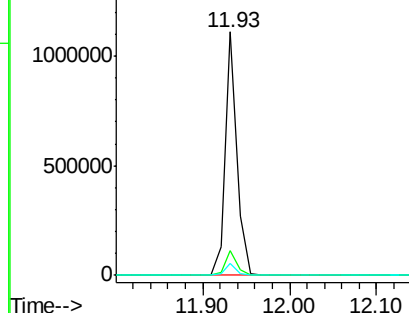
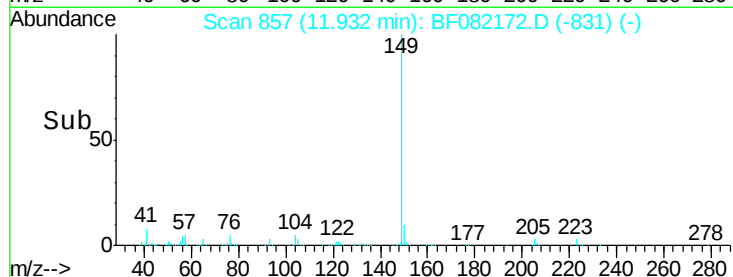
149 100

150 9.9 7.8 11.6

104 5.0 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: 49.46 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

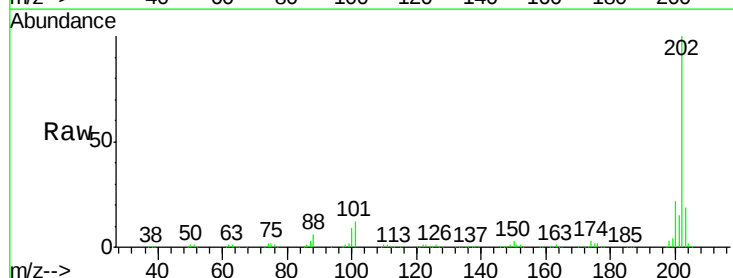
Tgt Ion:202 Resp: 972531

Ion Ratio Lower Upper

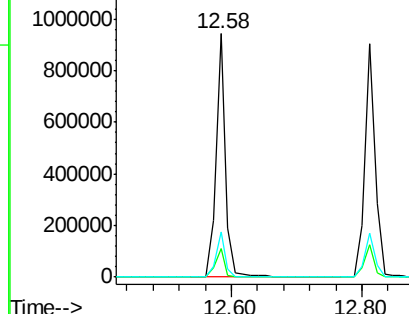
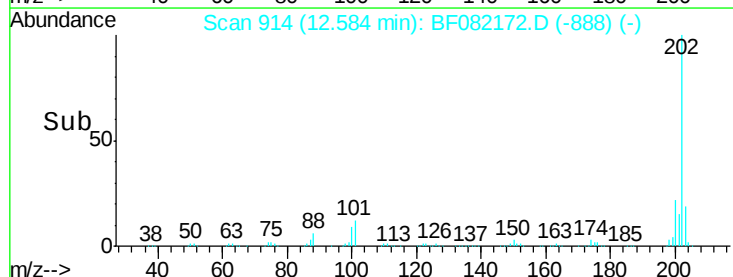
202 100

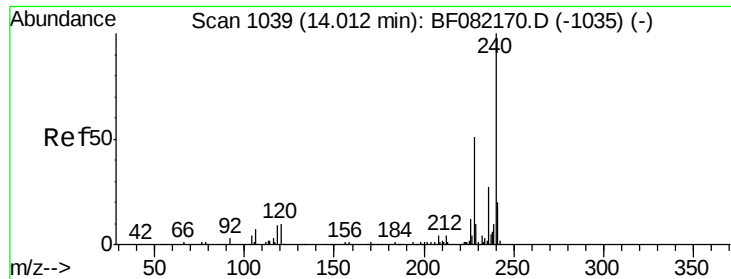
101 11.8 0.0 29.3

203 18.6 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

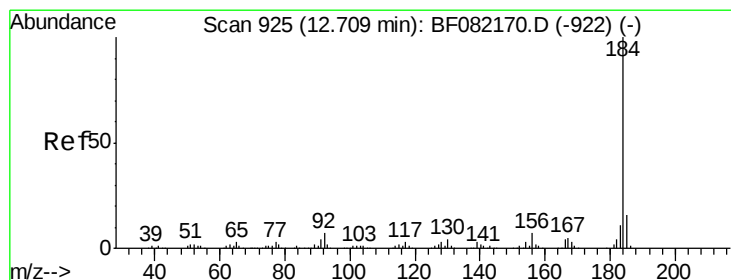
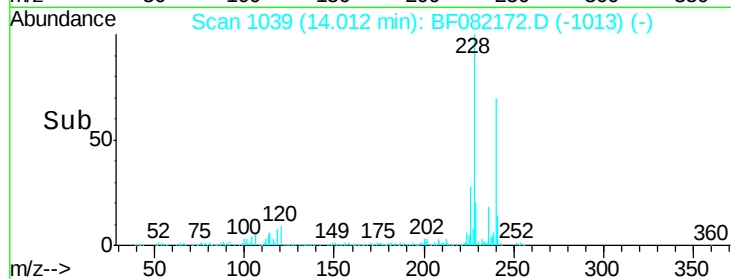
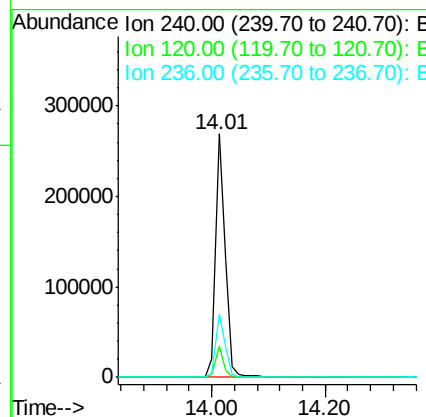
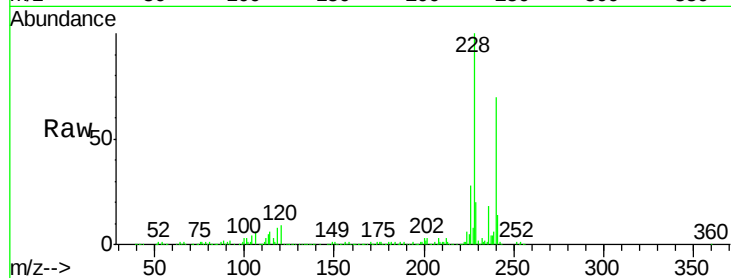




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

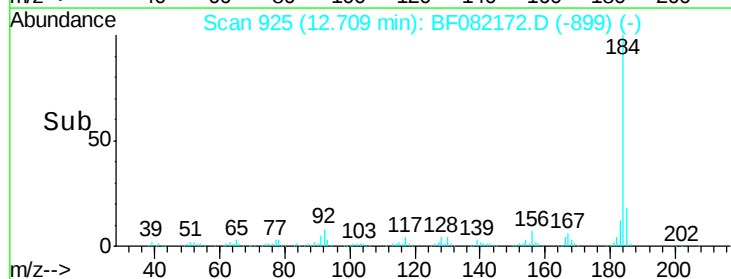
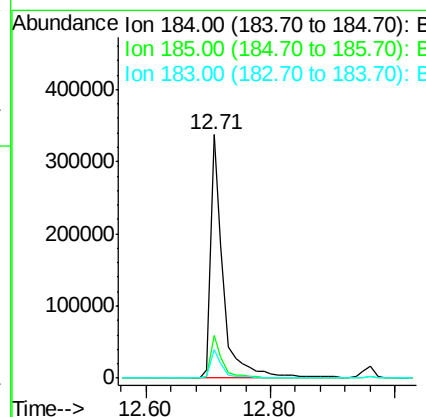
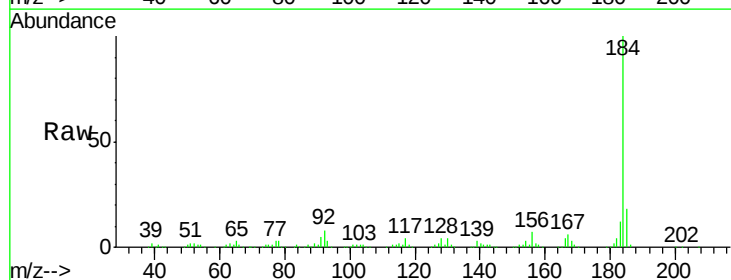
Instrument :
BNA_F
ClientSampleId :

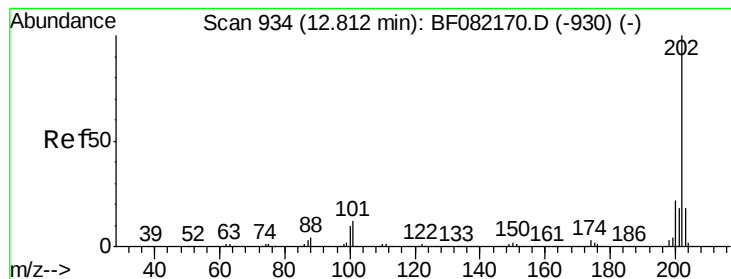
Tot Ion:240 Resp: 303988
Ion Ratio Lower Upper
240 100
120 13.0 8.1 12.1#
236 26.0 21.3 31.9



#76
Benzidine
Concen: 52.73 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Tgt Ion:184 Resp: 474531
Ion Ratio Lower Upper
184 100
185 17.5 12.5 18.7
183 11.6 9.1 13.7





#77

Pvrene

Concen: 54.40 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

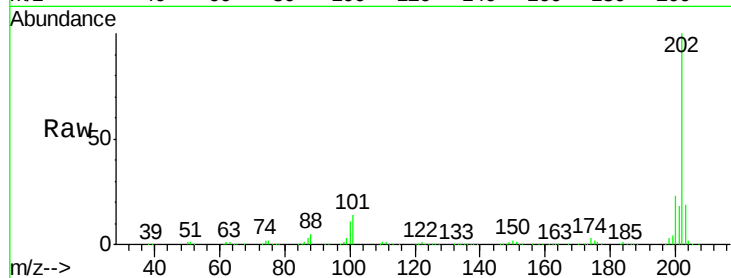
Tot Ion:202 Resp: 974398

Ion Ratio Lower Upper

202 100

200 22.6 17.9 26.9

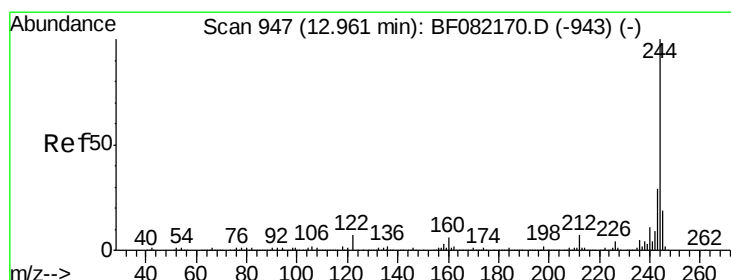
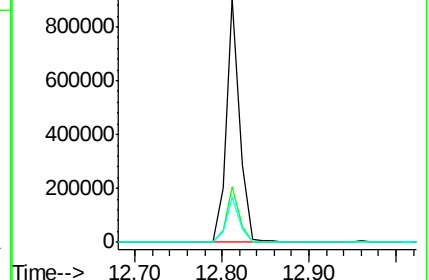
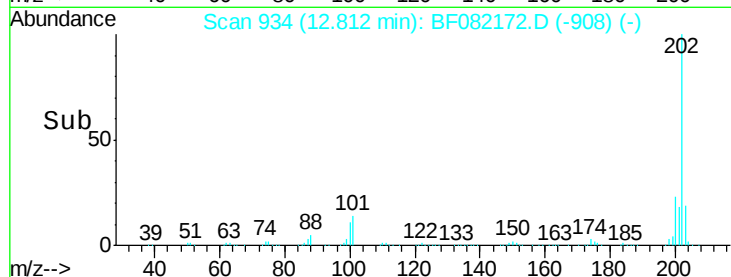
203 18.6 14.5 21.7



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: 113.12 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

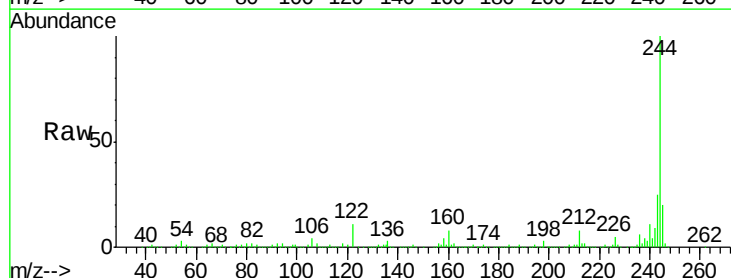
Tgt Ion:244 Resp: 1228520

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

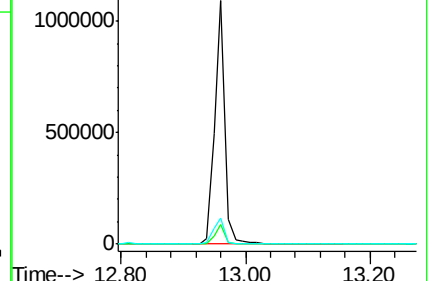
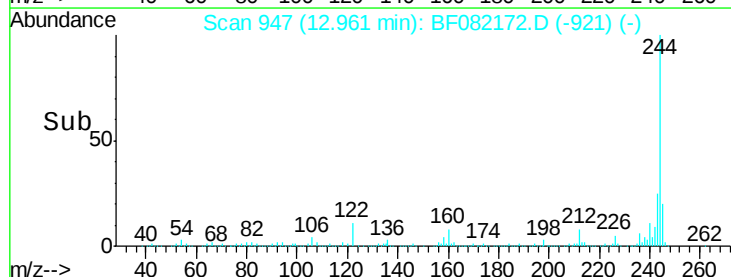
122 10.9 5.9 8.9#

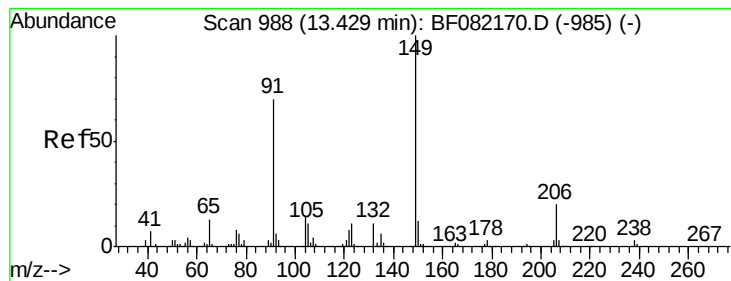


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 65.24 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

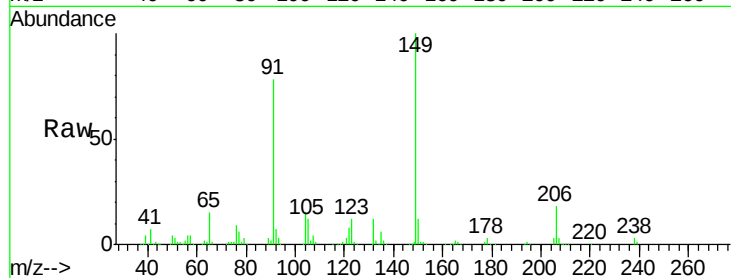
Tot Ion:149 Resp: 450062

Ion Ratio Lower Upper

149 100

91 77.5 55.7 83.5

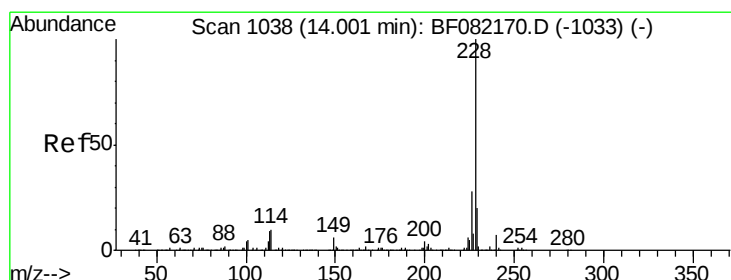
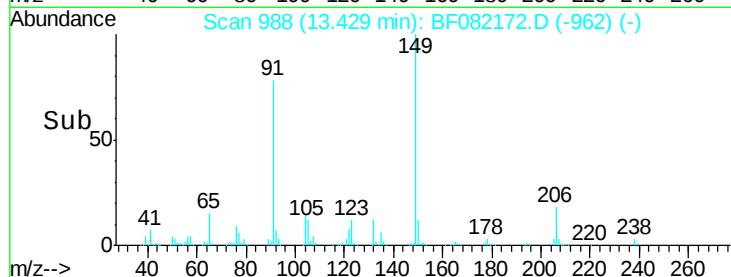
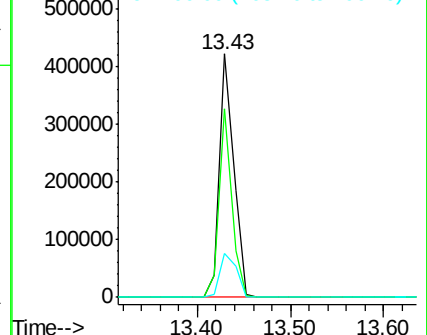
206 18.2 15.6 23.4



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: 54.69 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

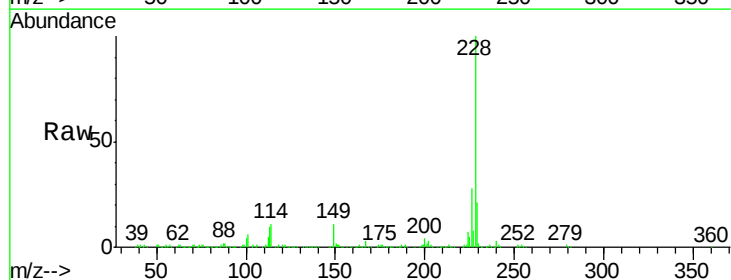
Tgt Ion:228 Resp: 887593

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

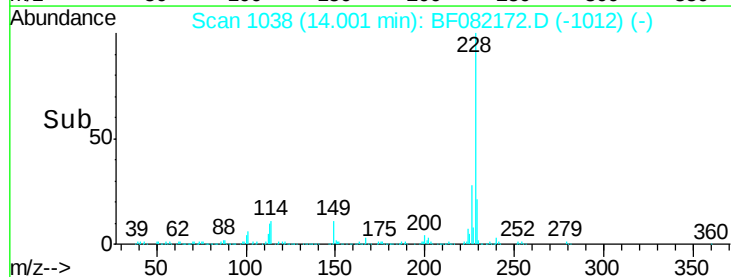
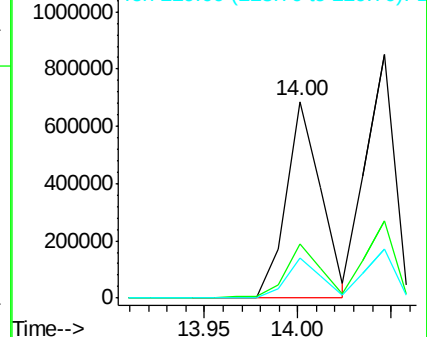
229 20.5 16.2 24.2

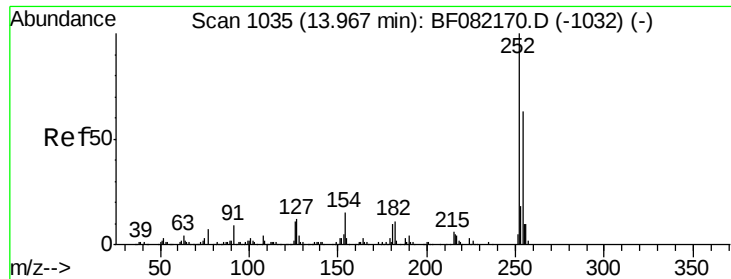


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

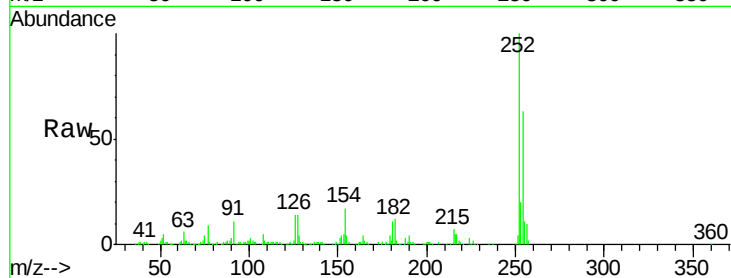




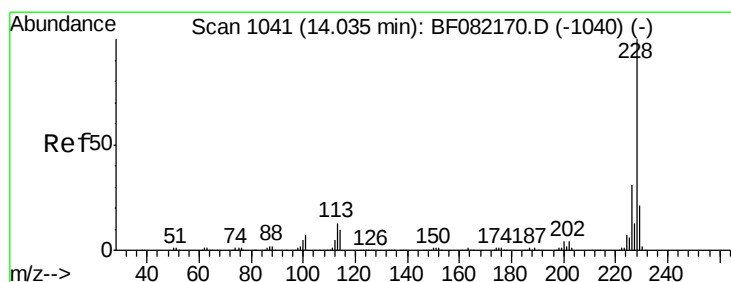
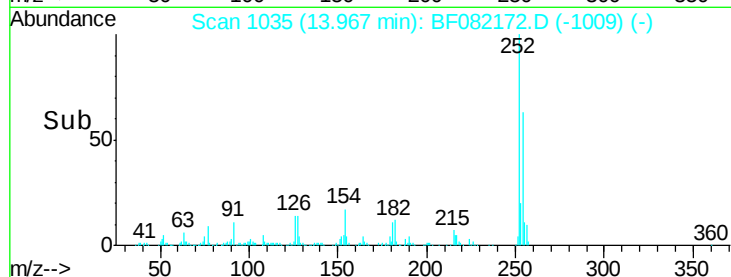
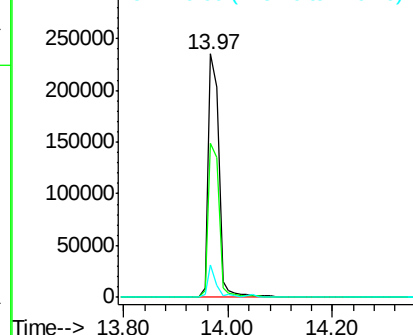
#81
 3,3'-Dichlorobenzidine
 Concen: 61.35 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 338463
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 13.6 9.0 13.6#

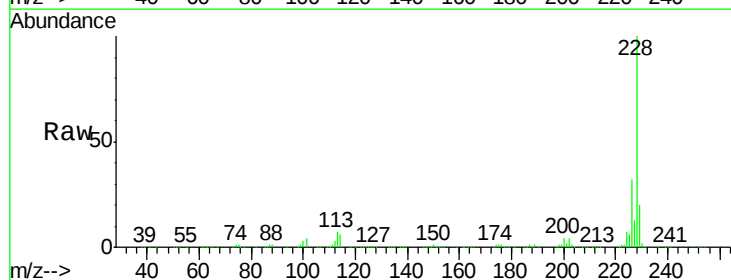


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

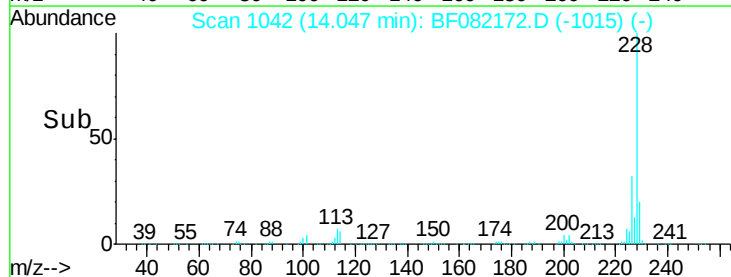
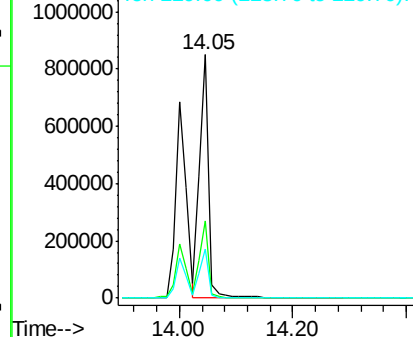


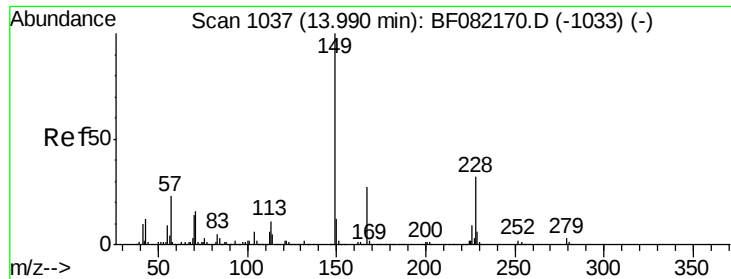
#82
 Chrysene
 Concen: 61.35 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Tgt Ion:228 Resp: 954055
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.4 36.6
 229 20.1 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: 75.08 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

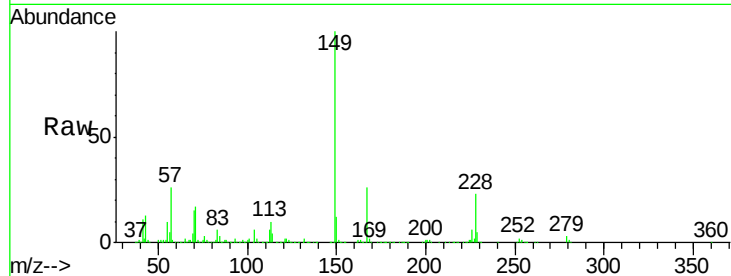
Tot Ion:149 Resp: 674399

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

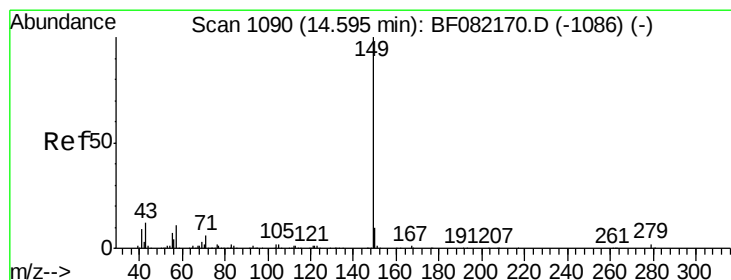
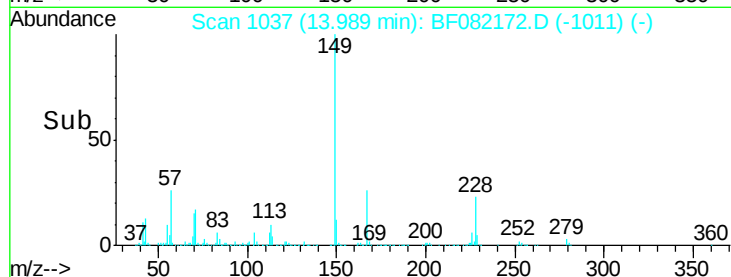
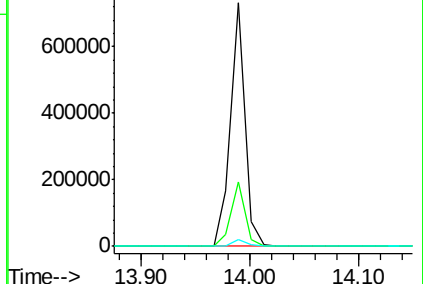
279 3.0 2.6 4.0



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: 79.17 ng

RT: 14.61 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

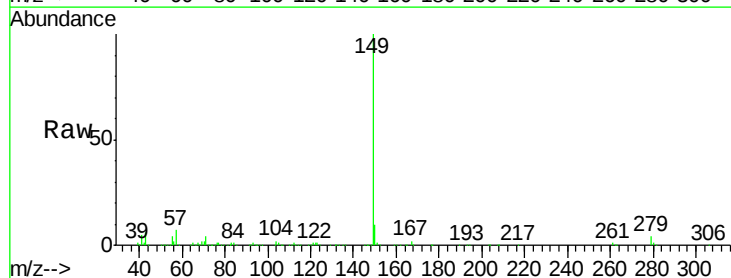
Tgt Ion:149 Resp: 1161792

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

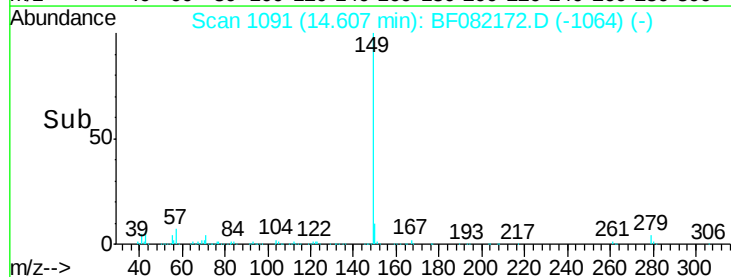
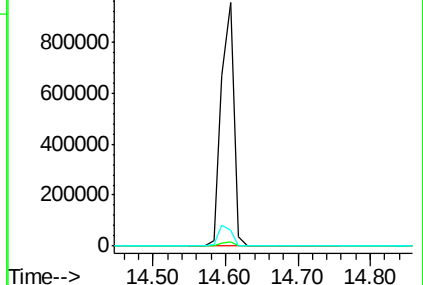
43 9.2 7.4 11.2



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

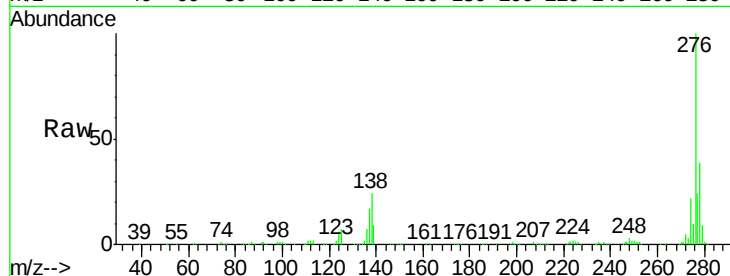




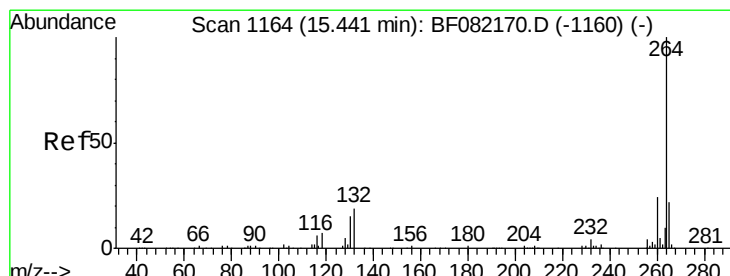
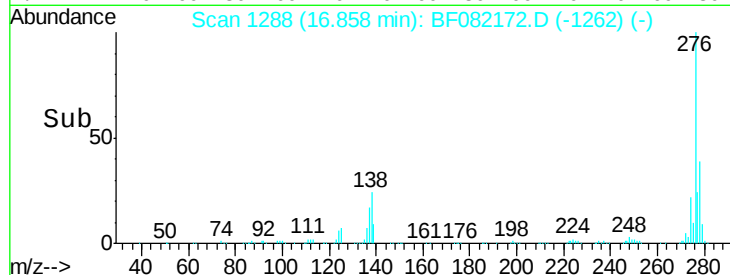
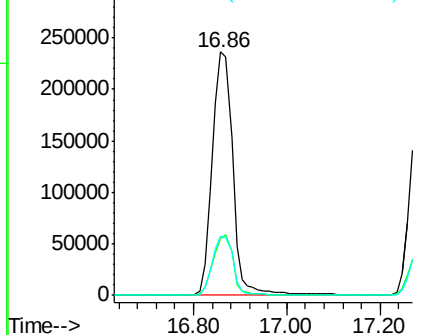
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.40 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.7	29.5
277	24.8	20.1	30.1

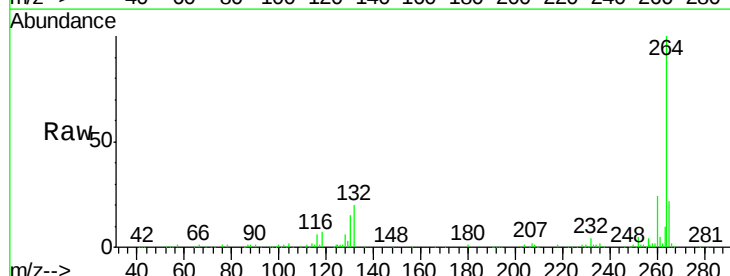


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

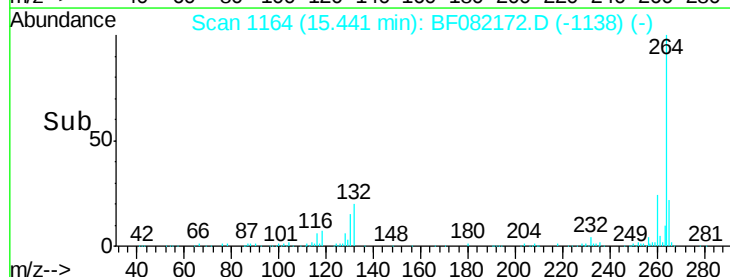
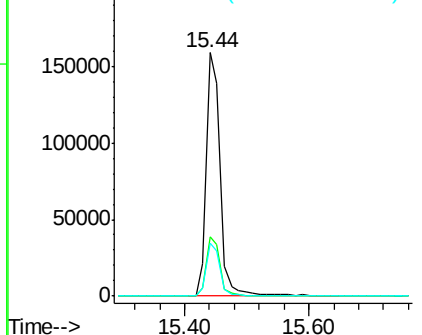


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082172.D
 Acq: 10 Oct 2015 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.9	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: 60.61 ng

RT: 15.04 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :

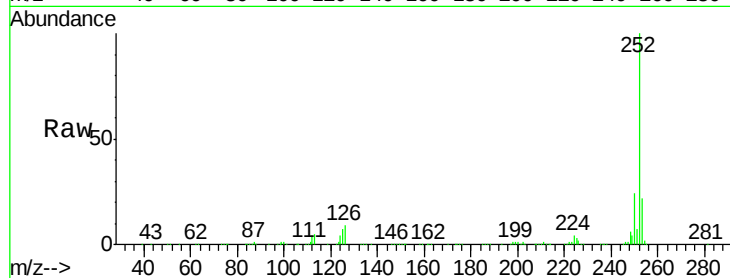
Tot Ion:252 Resp: 877691

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

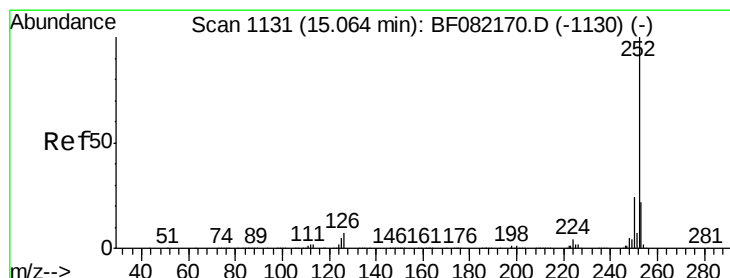
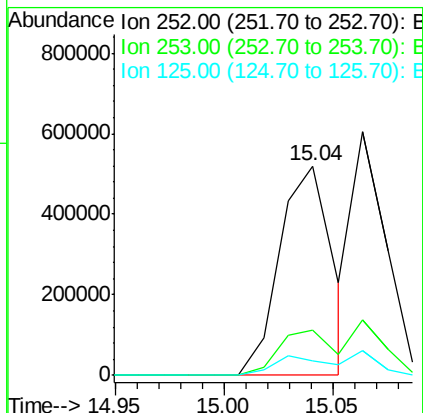
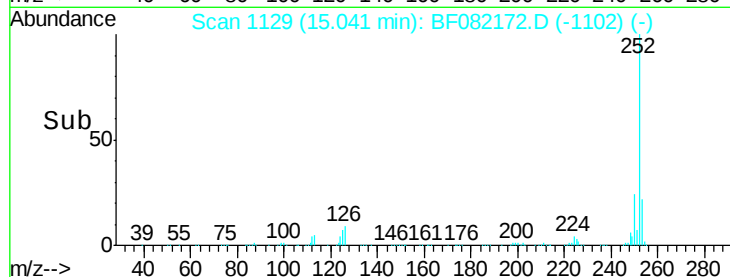
125 6.9 8.6 12.8#



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: 68.47 ng

RT: 15.04 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

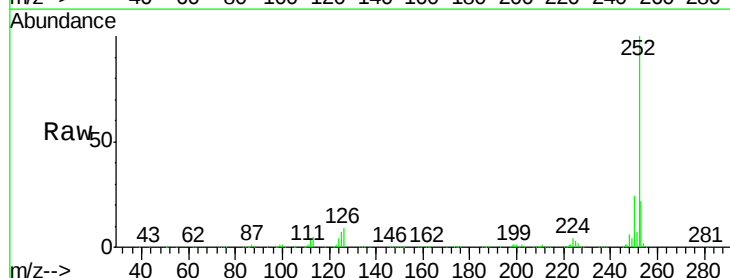
Tgt Ion:252 Resp: 877691

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

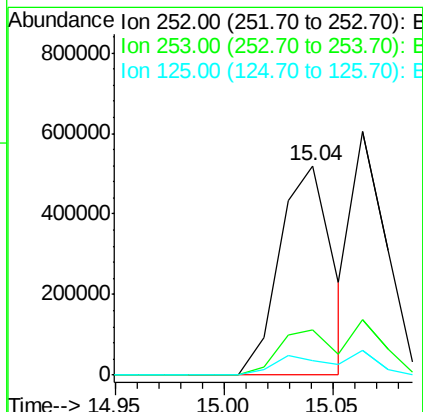
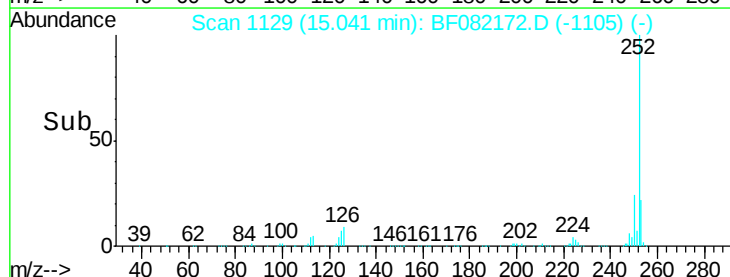
125 6.9 6.7 10.1

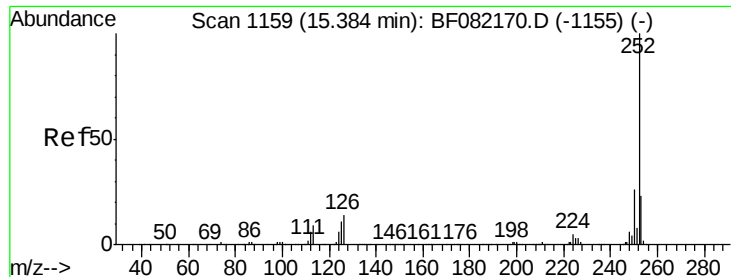


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

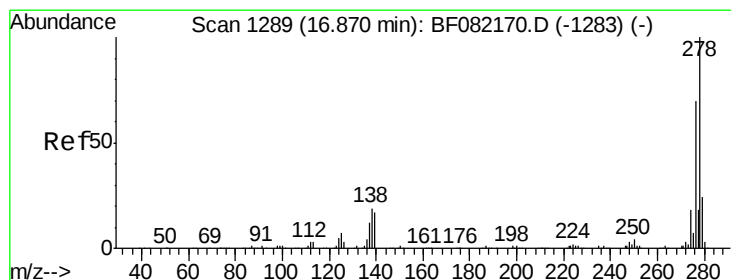
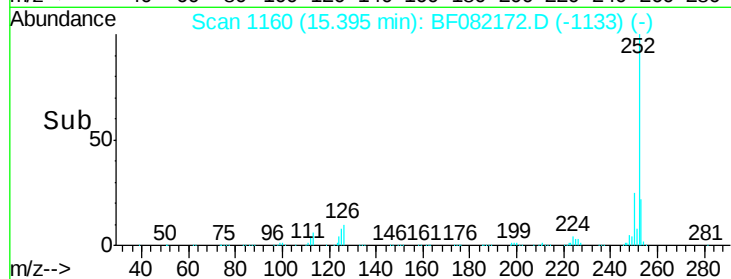
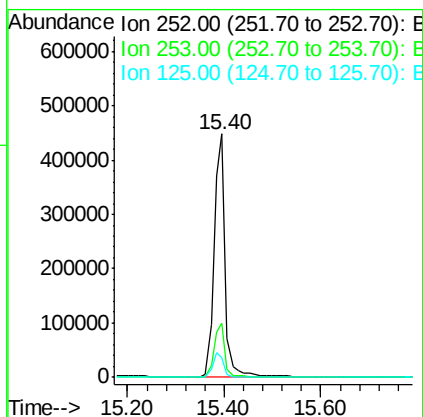
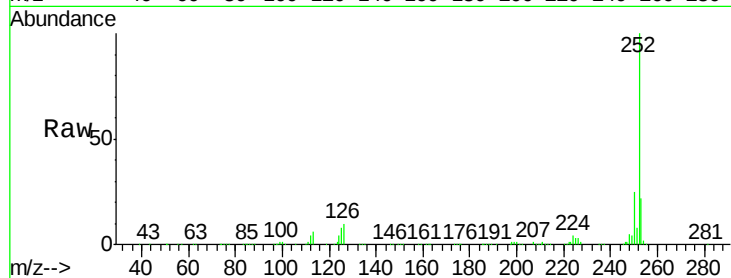




#89
Benzo(a)pyrene
Concen: 58.71 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

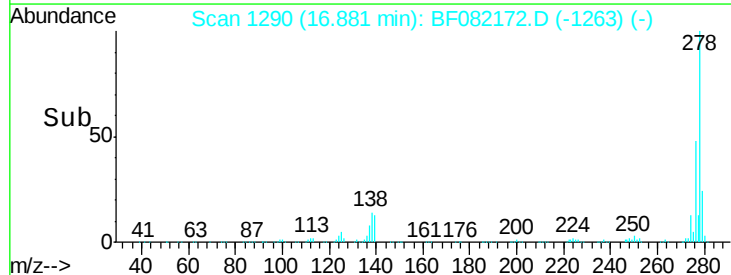
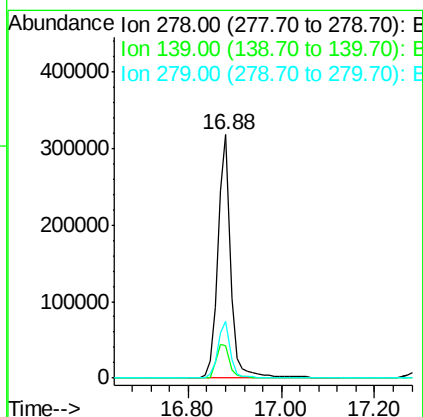
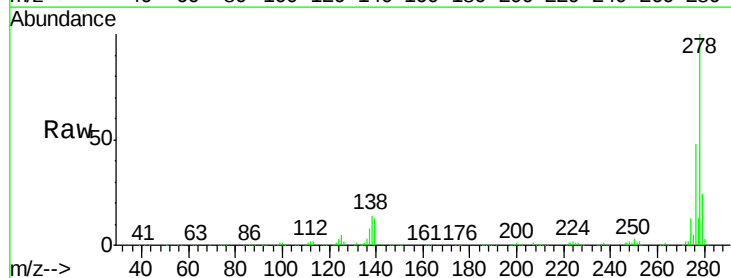
Instrument :
BNA_F
ClientSampleId :

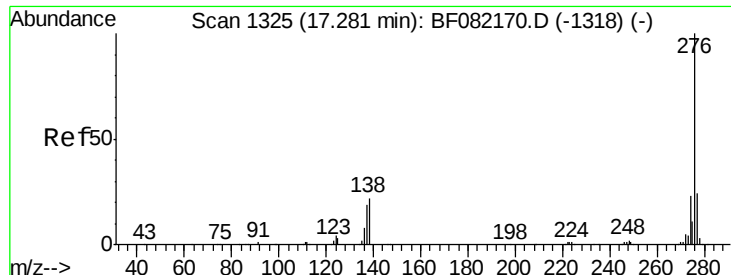
Tot Ion:252 Resp: 723915
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 7.9 8.9 13.3#



#90
Dibenzo(a,h)anthracene
Concen: 58.27 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF082172.D
Acq: 10 Oct 2015 13:03

Tgt Ion:278 Resp: 600093
Ion Ratio Lower Upper
278 100
139 13.5 13.3 19.9
279 23.5 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 54.96 ng

RT: 17.29 min Scan# 1326

Delta R.T. 0.01 min

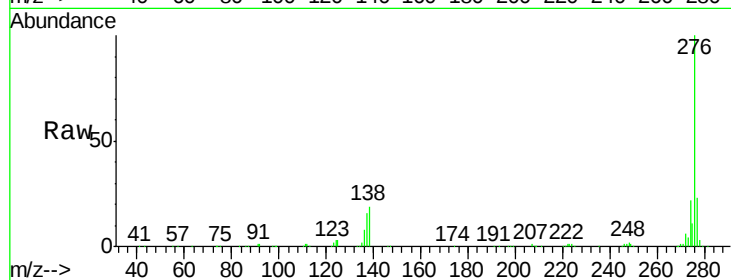
Lab File: BF082172.D

Acq: 10 Oct 2015 13:03

Instrument :

BNA_F

ClientSampleId :



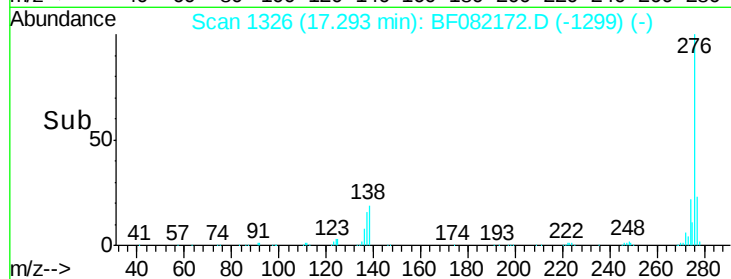
Tot Ion: 276 Resp: 574667

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 18.9 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

