

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086172.D
 Acq On : 8 Apr 2016 17:06
 Operator : UM/SJ
 Sample : PB89669TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Quant Time: Apr 08 23:19:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118523	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	485466	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	233486	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	435255	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	312473	20.00	ng	-0.05
86) Perylene-d12	15.28	264	246573	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	583234	84.11	ng	-0.03
7) Phenol-d6	6.37	99	733800	83.32	ng	-0.05
23) Nitrobenzene-d5	7.30	82	628699	76.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	170105	77.62	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1192367	84.91	ng	-0.05
78) Terphenyl-d14	12.83	244	1036822	78.00	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	108223	32.92	ng	98
3) Pyridine	3.00	79	311062	42.27	ng	100
4) n-Nitrosodimethylamine	2.97	42	127420	39.37	ng	100
6) Aniline	6.40	93	181569	15.71	ng	# 17
8) 2-Chlorophenol	6.51	128	309687	37.45	ng	92
9) Benzaldehyde	6.28	77	102155	21.56	ng	92
10) Phenol	6.40	94	368665	36.70	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	279226	35.10	ng	95
12) 1,3-Dichlorobenzene	6.67	146	321096	36.64	ng	99
13) 1,4-Dichlorobenzene	6.74	146	329033	36.44	ng	99
14) 1,2-Dichlorobenzene	6.90	146	302247	36.37	ng	99
15) Benzyl Alcohol	6.89	79	236575	41.52	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	334386	34.41	ng	73
17) 2-Methylphenol	7.00	107	257695	39.52	ng	96
18) Hexachloroethane	7.23	117	120520	36.29	ng	# 85
19) n-Nitroso-di-n-propylamine	7.15	70	207734	38.05	ng	95
20) 3+4-Methylphenols	7.16	107	340101	42.89	ng	# 62
22) Acetophenone	7.15	105	432791	37.92	ng	# 89
24) Nitrobenzene	7.32	77	340526	37.81	ng	# 87
25) Isophorone	7.56	82	622153	38.29	ng	95
26) 2-Nitrophenol	7.64	139	172104	39.94	ng	92
27) 2,4-Dimethylphenol	7.69	122	313409	40.50	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	366506	38.44	ng	98
29) 2,4-Dichlorophenol	7.88	162	262656	40.14	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	277095	37.73	ng	95
31) Naphthalene	8.03	128	887832	36.36	ng	99
32) Benzoic acid	7.84	122	184148	32.43	ng	96
33) 4-Chloroaniline	8.10	127	76667	7.77	ng	97
34) Hexachlorobutadiene	8.16	225	144895	36.70	ng	99
35) Caprolactam	8.52	113	26385	12.71	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	278626	37.88	ng	96
37) 2-Methylnaphthalene	8.73	142	614807	38.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	257732	36.73	ng	100
40) Hexachlorocyclopentadiene	8.88	237	165045	68.96	ng	99

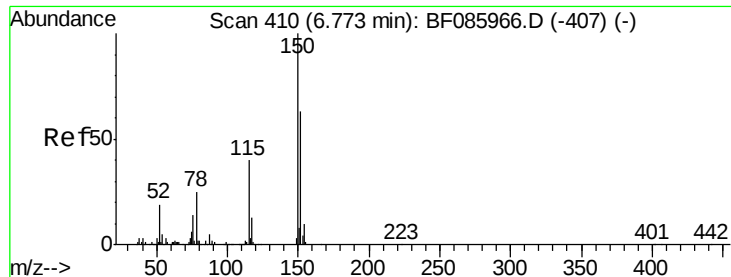
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	168090	37.30	ng	99
43) 2,4,5-Trichlorophenol	9.06	196	177606	38.82	ng	# 85
45) 1,1'-Biphenyl	9.20	154	729512	36.24	ng	95
46) 2-Chloronaphthalene	9.22	162	570534	39.09	ng	98
47) 2-Nitroaniline	9.32	65	175530	41.11	ng	96
48) Acenaphthylene	9.63	152	890146	38.08	ng	99
49) Dimethylphthalate	9.50	163	681702	39.39	ng	98
50) 2,6-Dinitrotoluene	9.56	165	130875	35.74	ng	93
51) Acenaphthene	9.80	154	536443	38.58	ng	99
52) 3-Nitroaniline	9.73	138	62793	14.23	ng	97
53) 2,4-Dinitrophenol	9.86	184	131621	60.18	ng	# 68
54) Dibenzofuran	9.97	168	734724	40.01	ng	99
55) 4-Nitrophenol	9.92	139	152915	58.78	ng	86
56) 2,4-Dinitrotoluene	9.97	165	169406	36.62	ng	# 51
57) Fluorene	10.32	166	613972	39.14	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	139787	41.03	ng	98
59) Diethylphthalate	10.19	149	638794	36.57	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	269100	36.83	ng	100
61) 4-Nitroaniline	10.35	138	141380	32.53	ng	90
62) Azobenzene	10.46	77	686792	41.05	ng	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	98252	37.25	ng	# 77
65) n-Nitrosodiphenylamine	10.43	169	531453	39.04	ng	98
66) 4-Bromophenyl-phenylether	10.80	248	183788	41.36	ng	94
67) Hexachlorobenzene	10.86	284	191430	41.66	ng	97
68) Atrazine	10.96	200	159359	36.23	ng	96
69) Pentachlorophenol	11.07	266	140064	65.04	ng	98
70) Phenanthrene	11.28	178	927533	39.06	ng	100
71) Anthracene	11.32	178	855926	34.41	ng	100
72) Carbazole	11.48	167	743558	34.78	ng	99
73) Di-n-butylphthalate	11.81	149	1012979	38.23	ng	100
74) Fluoranthene	12.45	202	859917	34.82	ng	100
76) Benzidine	12.59	184	147830	13.41	ng	97
77) Pyrene	12.68	202	846502	38.44	ng	98
79) Butylbenzylphthalate	13.31	149	426080	42.97	ng	95
80) Benzo(a)anthracene	13.87	228	716768	38.91	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	124658	9.27	ng	99
82) Chrysene	13.92	228	692264	39.02	ng	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	547467	41.60	ng	99
84) Di-n-octyl phthalate	14.48	149	971826	46.25	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	531177	36.90	ng	99
87) Benzo(b)fluoranthene	14.89	252	1174577	75.73	ng	100
88) Benzo(k)fluoranthene	14.89	252	1174783	85.53	ng	# 97
89) Benzo(a)pyrene	15.22	252	550105	40.03	ng	97
90) Dibenzo(a,h)anthracene	16.63	278	449125	40.62	ng	98
91) Benzo(g,h,i)perylene	17.01	276	436681	40.81	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

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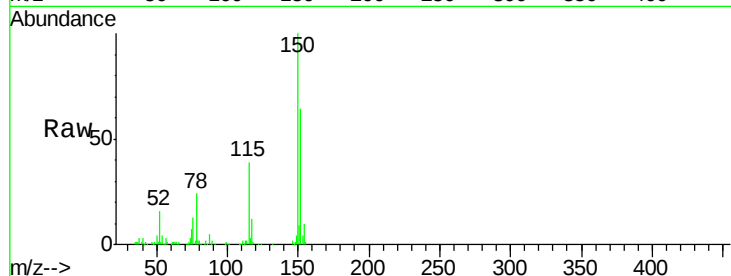
Tgt Ion:152 Resp: 118523

Ion Ratio Lower Upper

152 100

150 156.2 124.2 186.2

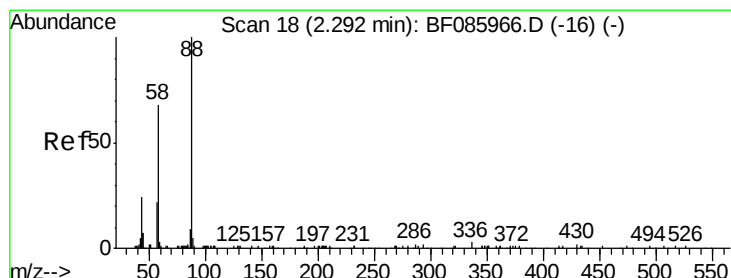
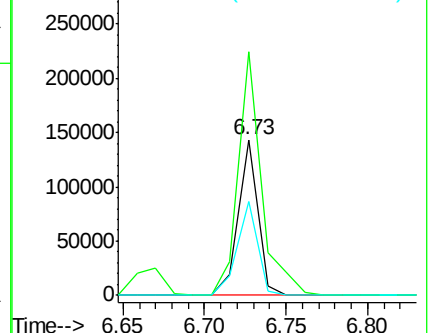
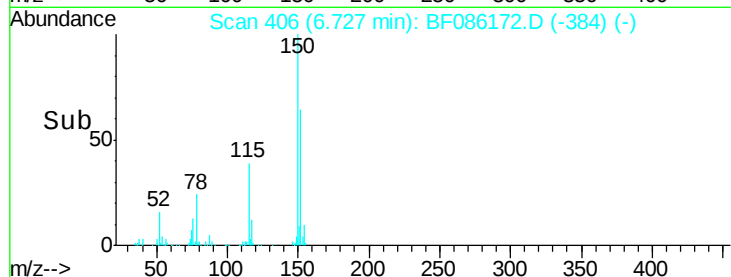
115 60.5 47.0 70.6



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: 32.92 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

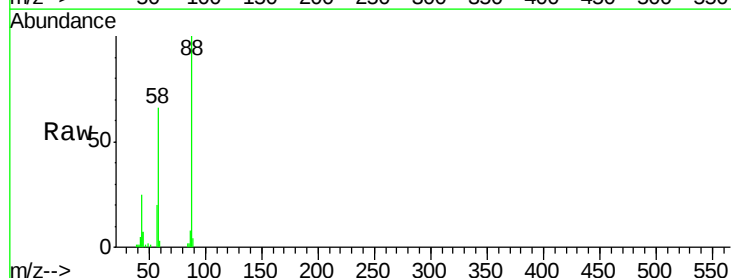
Tgt Ion: 88 Resp: 108223

Ion Ratio Lower Upper

88 100

58 66.0 54.2 81.2

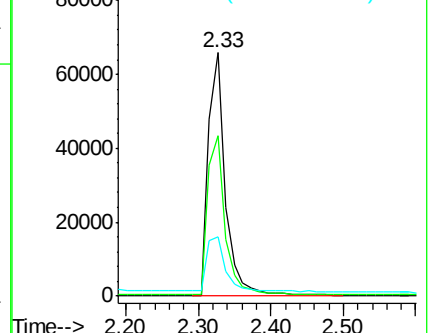
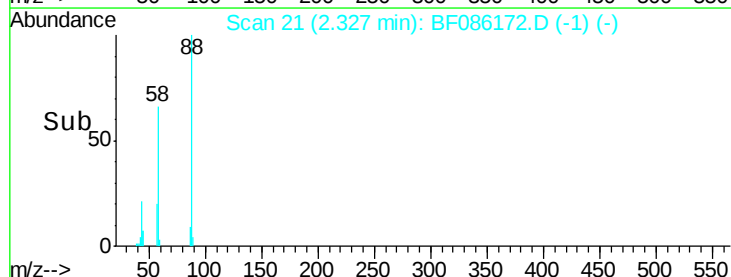
43 24.0 19.3 28.9

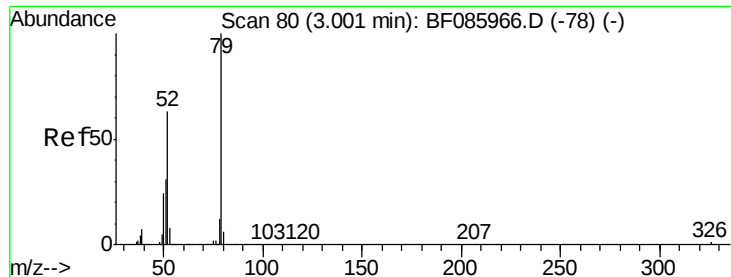


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.27 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.00 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

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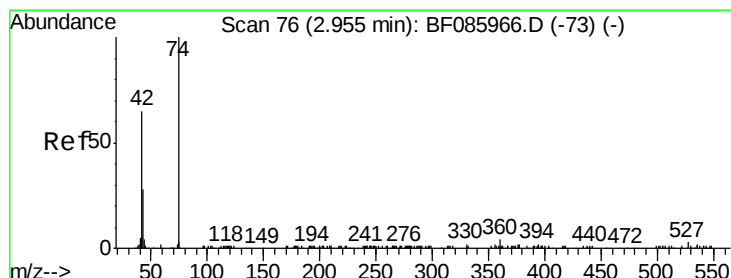
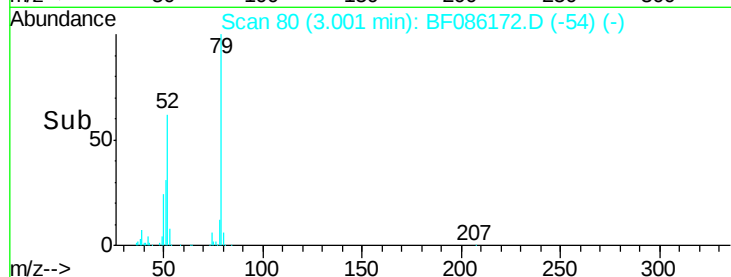
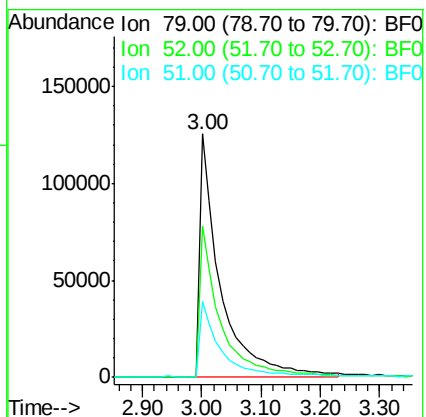
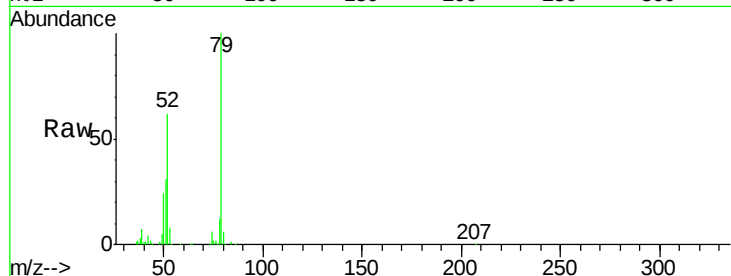
Tgt Ion: 79 Resp: 311062

Ion Ratio Lower Upper

79 100

52 62.5 49.8 74.6

51 31.3 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 39.37 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.01 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

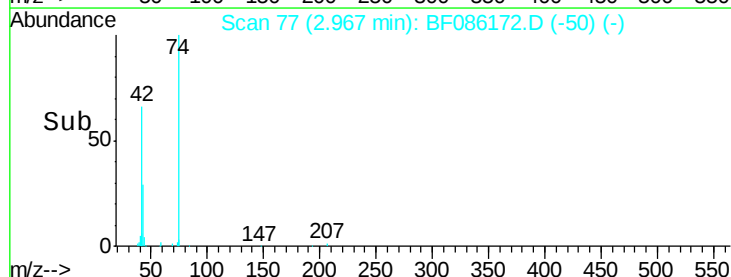
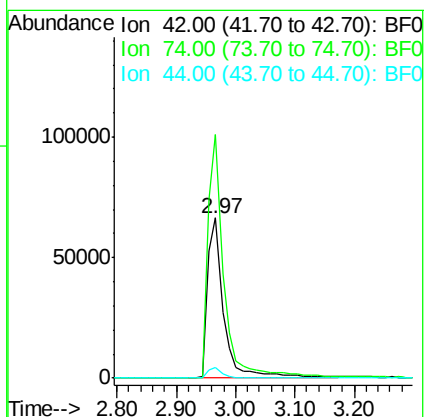
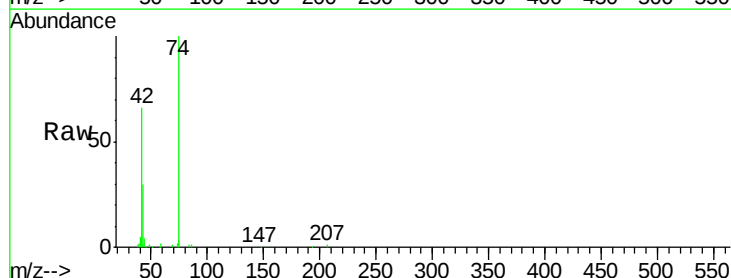
Tgt Ion: 42 Resp: 127420

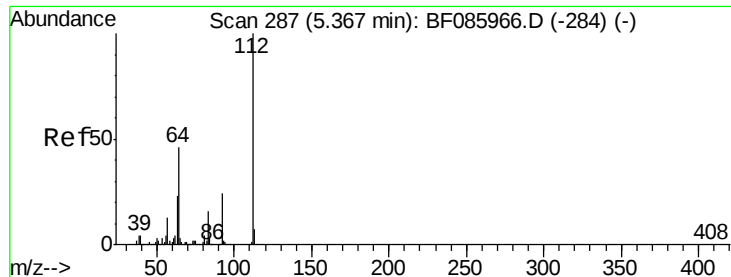
Ion Ratio Lower Upper

42 100

74 151.9 121.4 182.2

44 6.6 5.6 8.4





#5

2-Fluorophenol

Concen: 84.11 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

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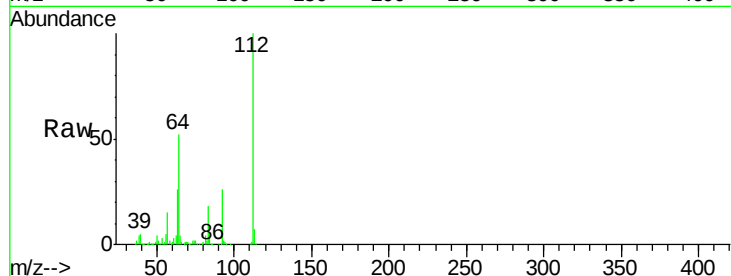
Tgt Ion: 112 Resp: 583234

Ion Ratio Lower Upper

112 100

64 51.8 39.9 59.9

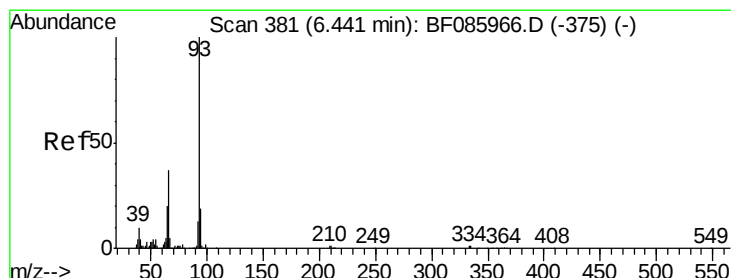
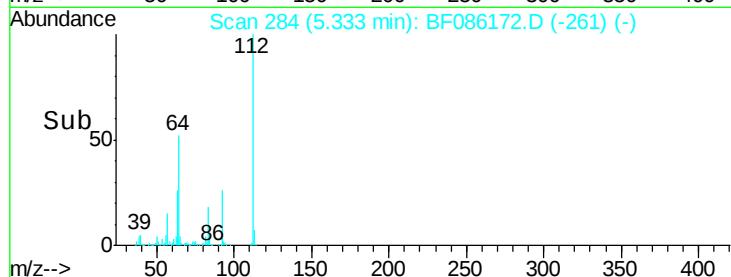
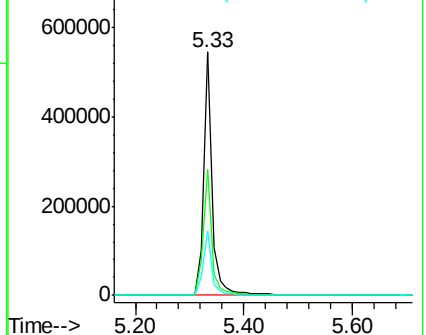
63 26.3 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.71 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

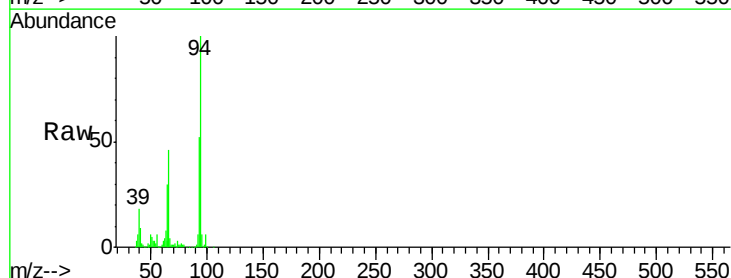
Tgt Ion: 93 Resp: 181569

Ion Ratio Lower Upper

93 100

66 89.5 31.4 47.2#

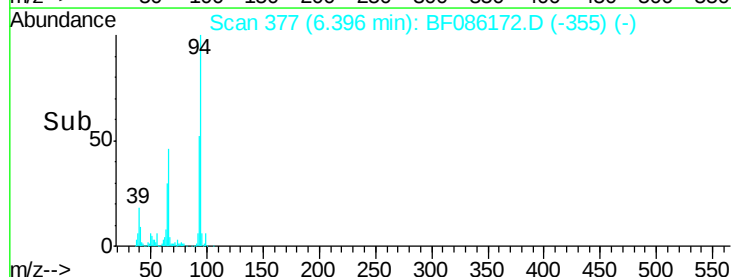
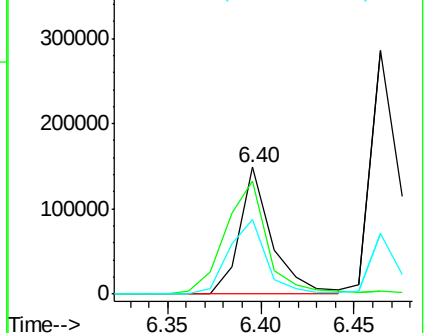
65 58.5 15.7 23.5#

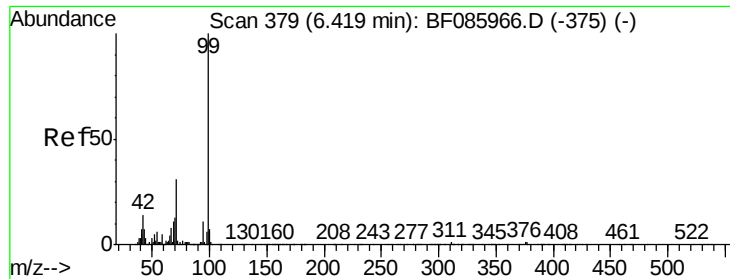


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.32 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

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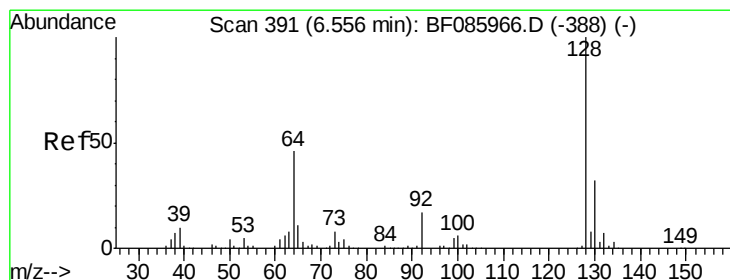
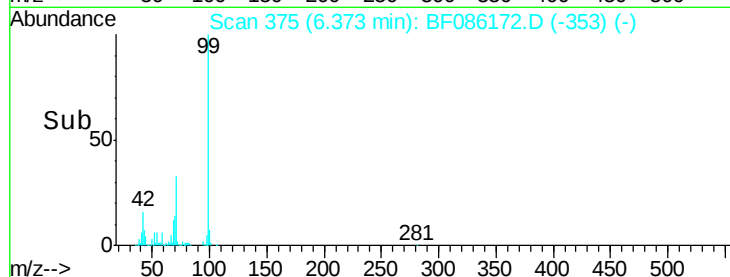
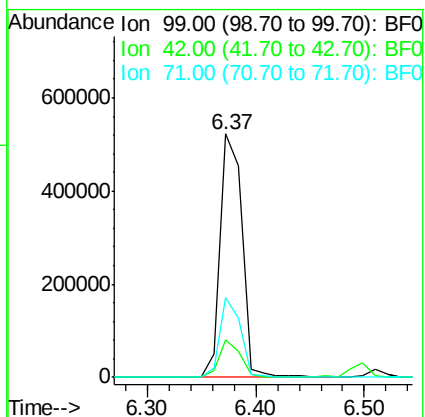
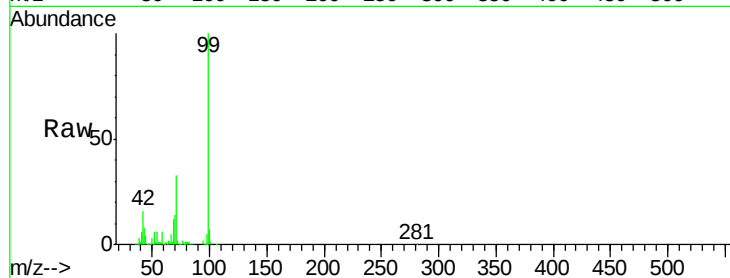
Tgt Ion: 99 Resp: 733800

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

71 32.9 24.9 37.3



#8

2-Chlorophenol

Concen: 37.45 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

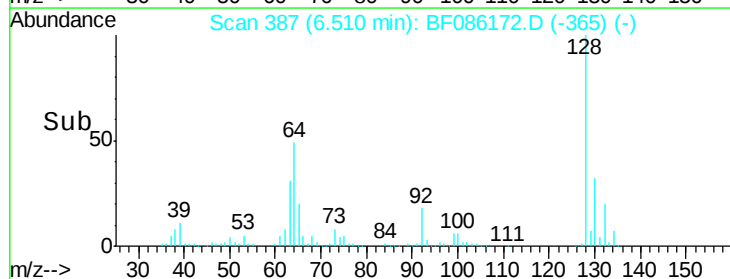
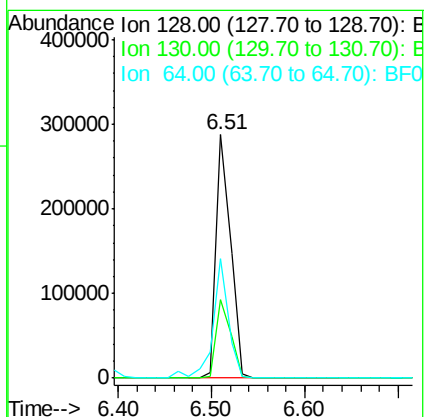
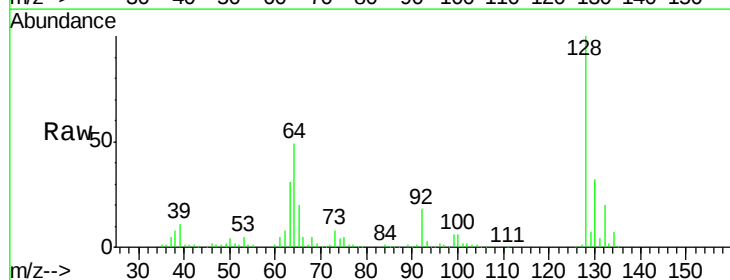
Tgt Ion: 128 Resp: 309687

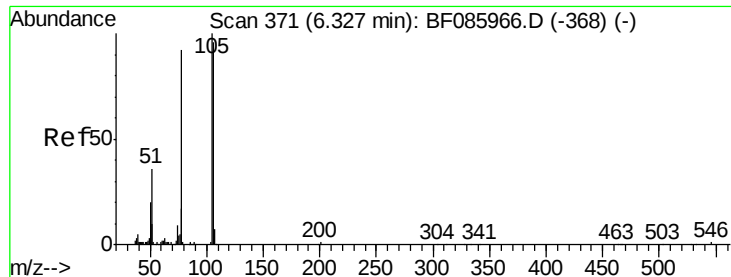
Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

64 48.8 20.2 60.2





#9

Benzaldehyde

Concen: 21.56 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

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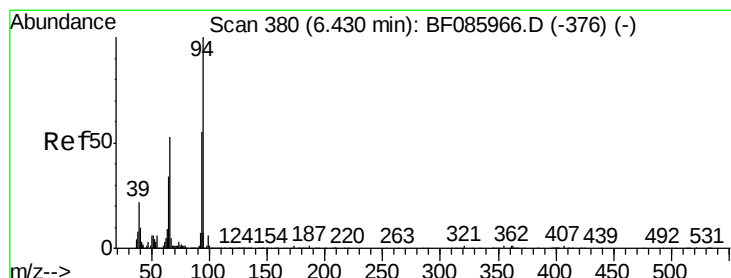
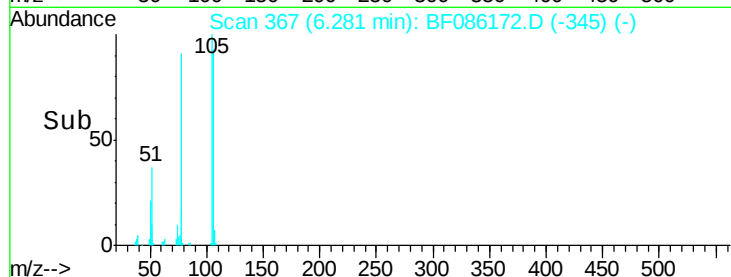
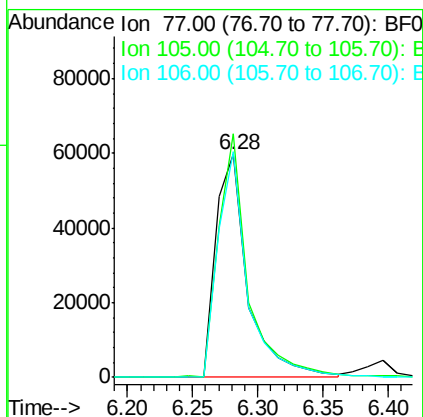
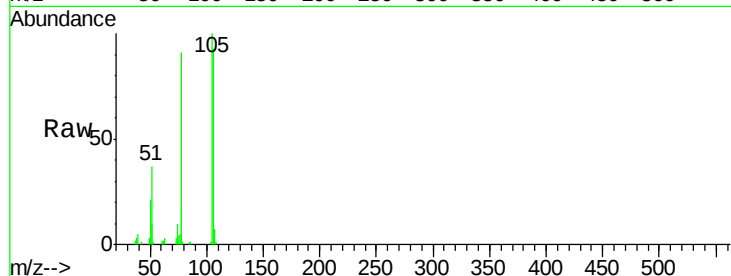
Tgt Ion: 77 Resp: 102155

Ion Ratio Lower Upper

77 100

105 109.4 80.1 120.1

106 101.5 75.0 115.0



#10

Phenol

Concen: 36.70 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

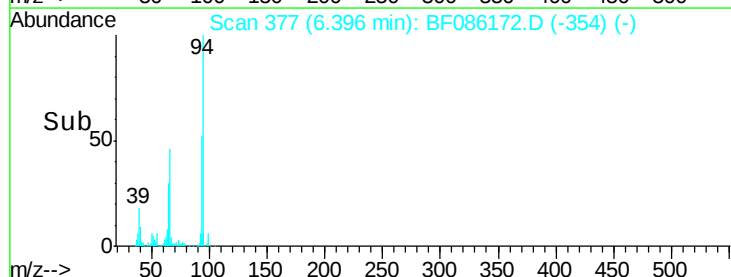
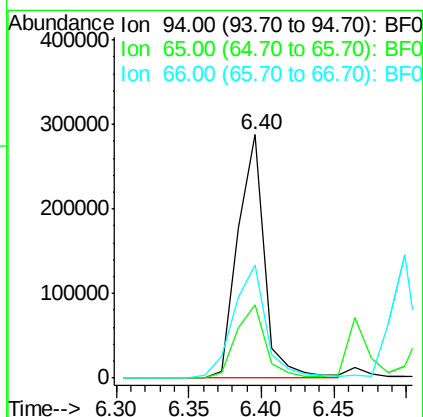
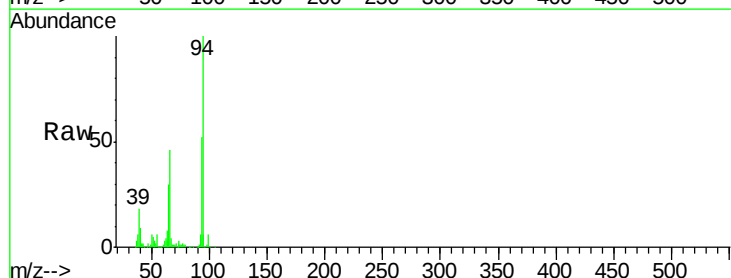
Tgt Ion: 94 Resp: 368665

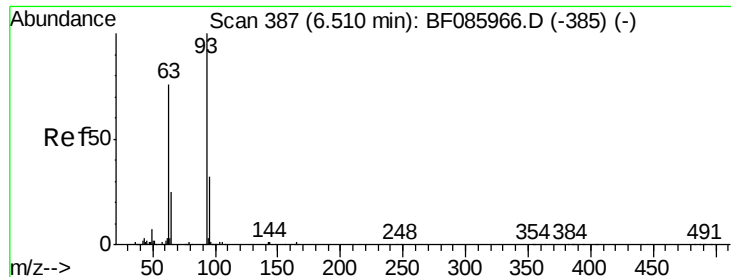
Ion Ratio Lower Upper

94 100

65 30.2 8.6 48.6

66 46.2 20.0 60.0

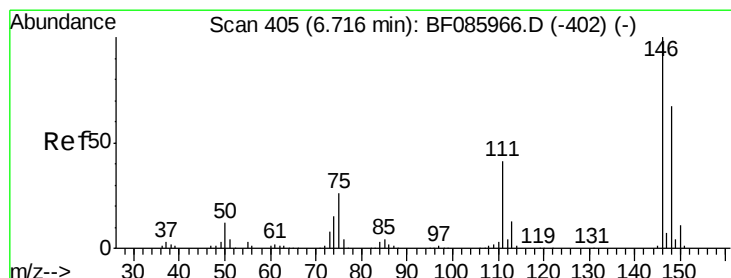
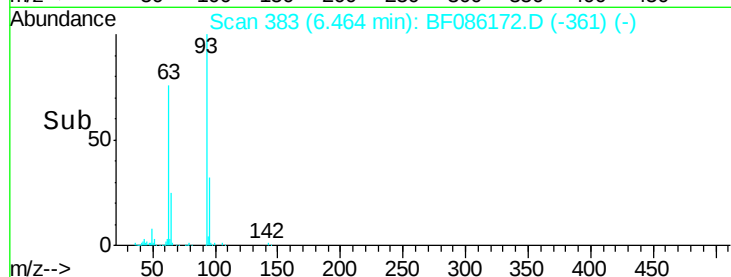
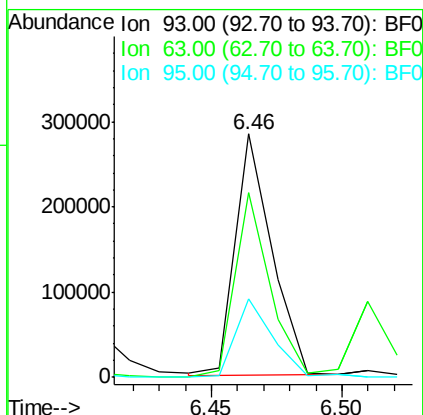
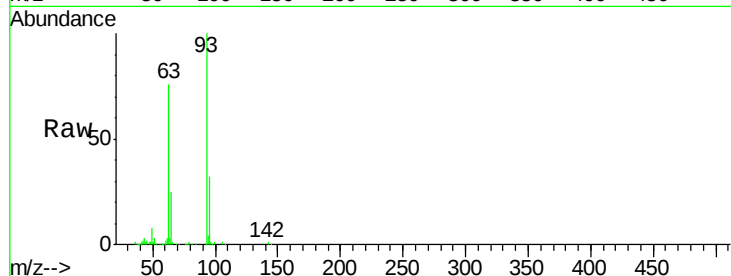




#11
 bis(2-Chloroethyl)ether
 Concen: 35.10 ng
 RT: 6.46 min Scan# 383
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

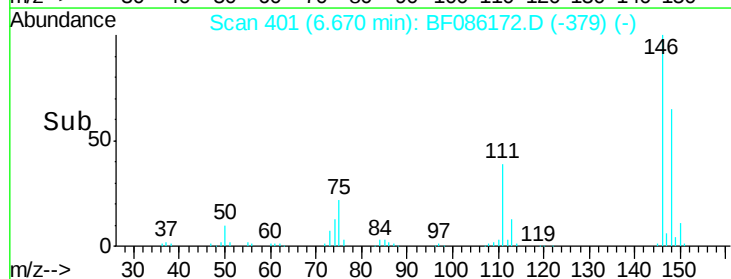
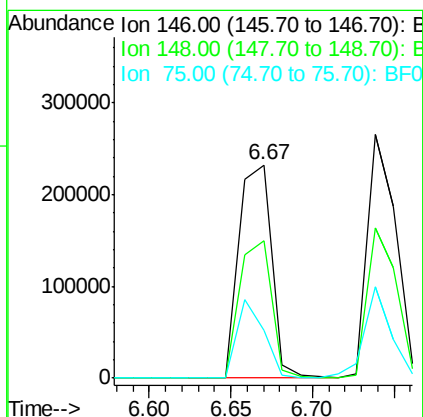
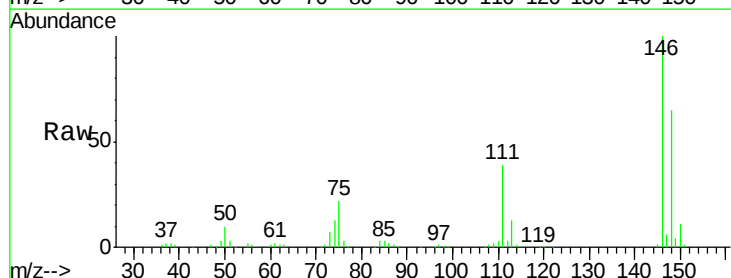
Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

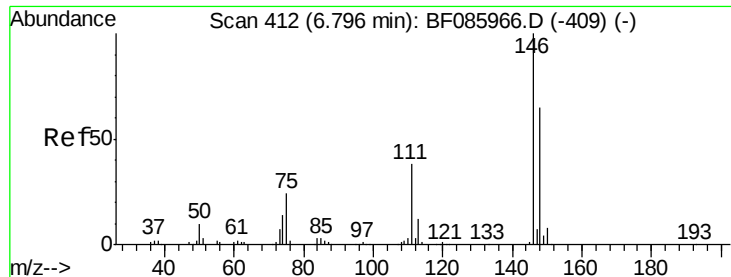
Tgt Ion: 93 Resp: 279226
 Ion Ratio Lower Upper
 93 100
 63 75.9 50.9 90.9
 95 32.4 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 36.64 ng
 RT: 6.67 min Scan# 401
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion: 146 Resp: 321096
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 75 22.5 17.4 26.2

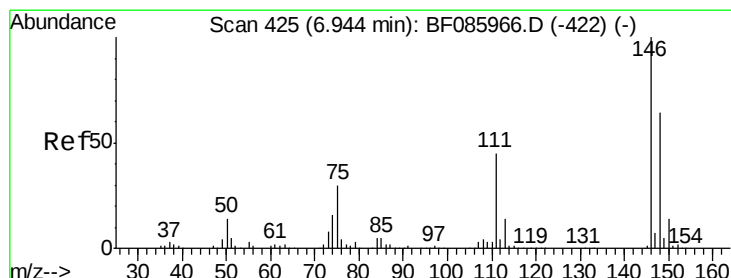
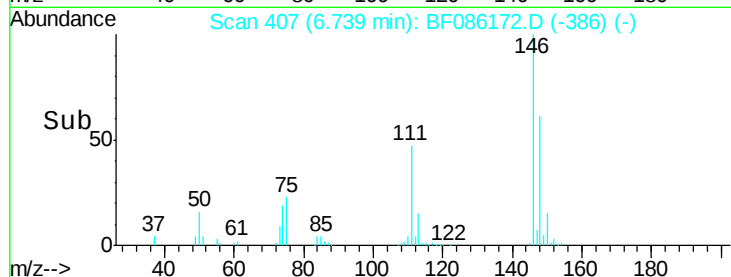
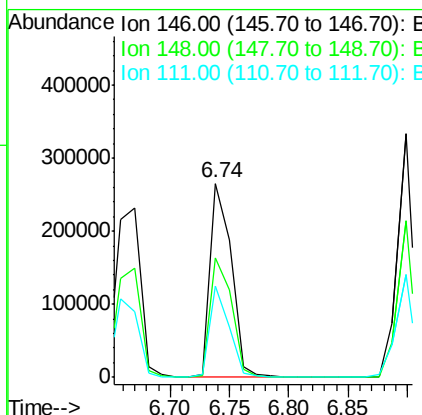
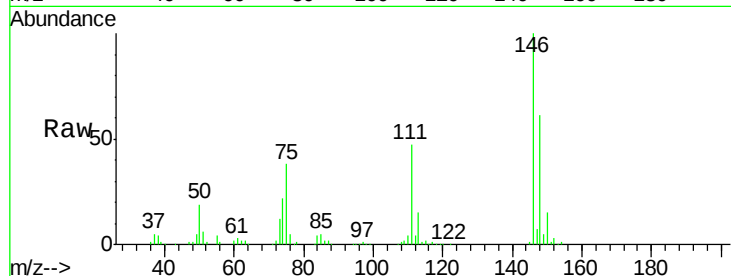




#13
 1,4-Dichlorobenzene
 Concen: 36.44 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

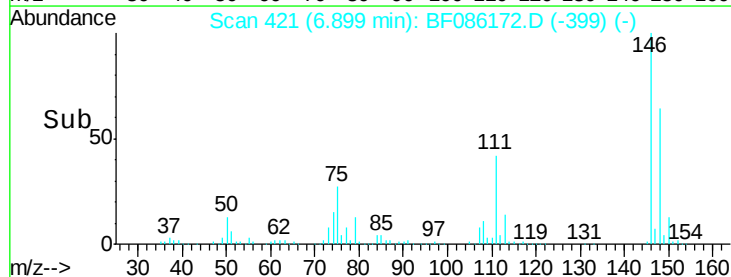
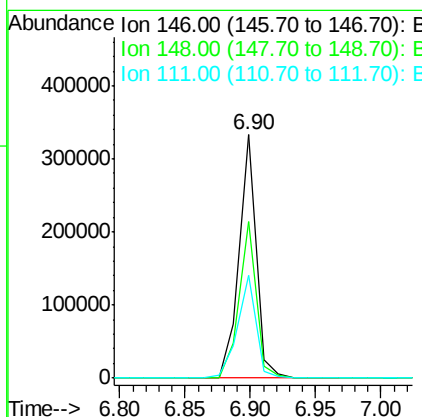
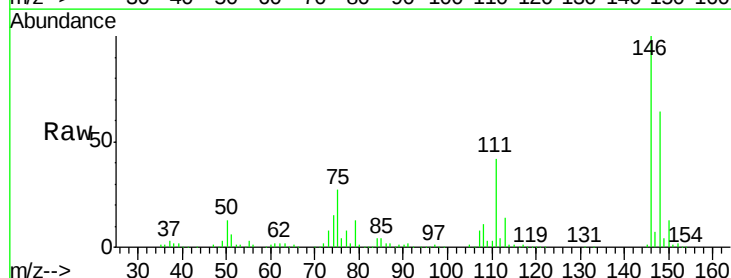
Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

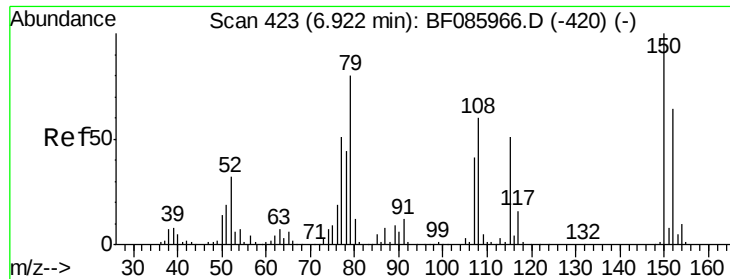
Tgt Ion:146 Resp: 329033
 Ion Ratio Lower Upper
 146 100
 148 61.4 50.6 76.0
 111 47.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 36.37 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:146 Resp: 302247
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 42.3 34.6 52.0

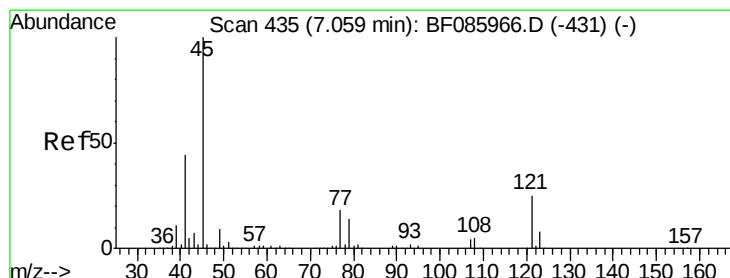
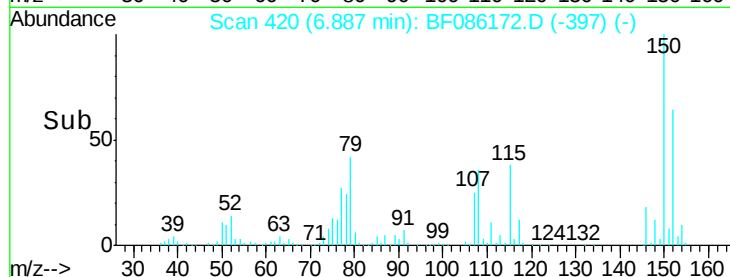
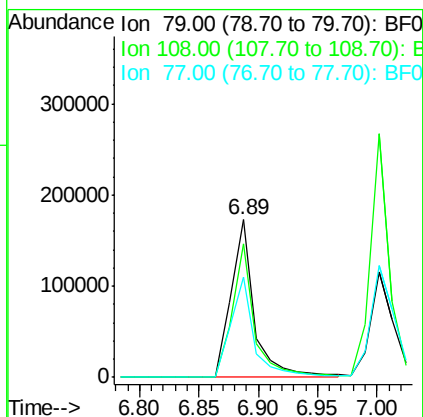
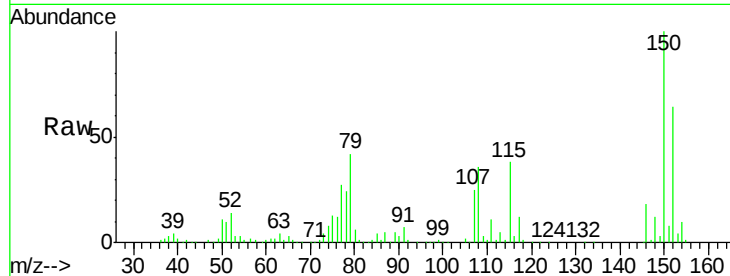




#15
Benzyl Alcohol
Concen: 41.52 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

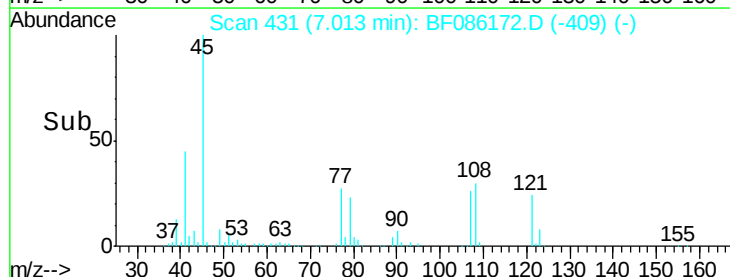
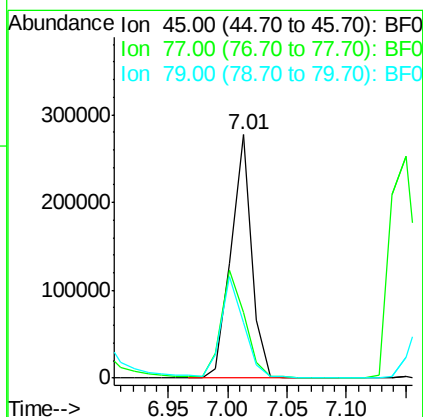
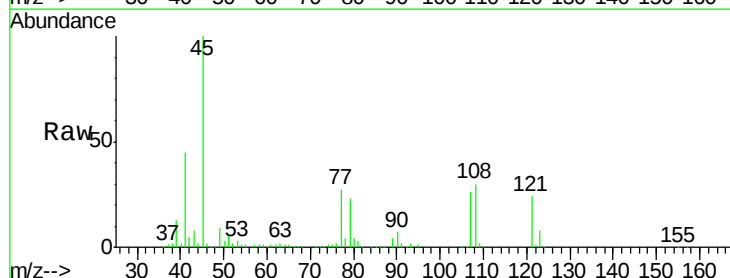
Instrument :
BNA_F
ClientSampled :
PB89669TB

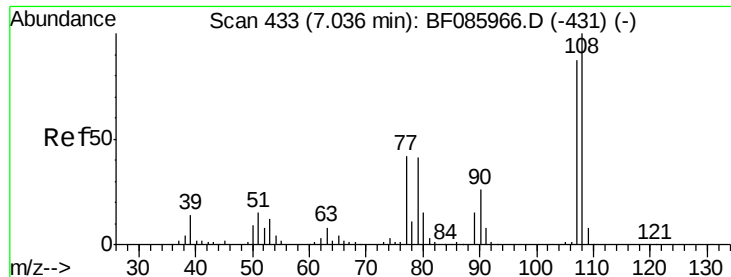
Tgt Ion: 79 Resp: 236575
Ion Ratio Lower Upper
79 100
108 84.7 61.8 92.6
77 63.2 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.41 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion: 45 Resp: 334386
Ion Ratio Lower Upper
45 100
77 26.8 0.0 35.7
79 23.0 0.0 32.2

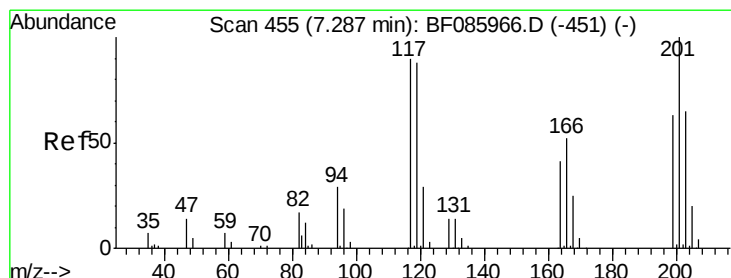
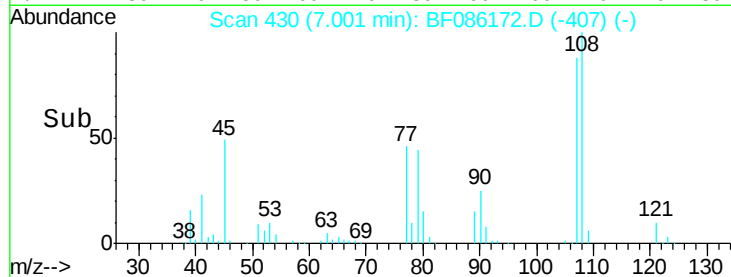
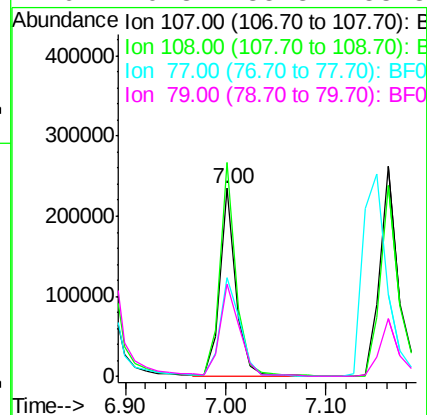
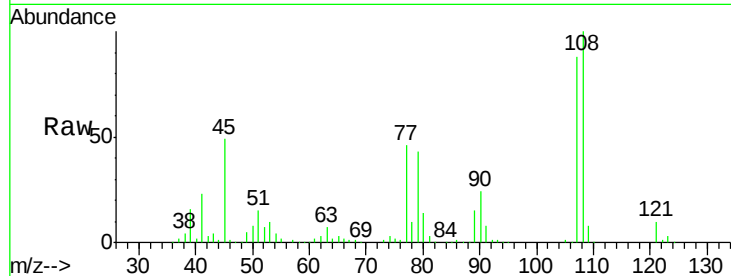




#17
2-Methylphenol
Concen: 39.52 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

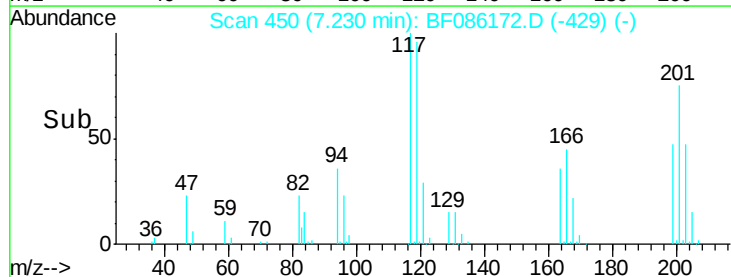
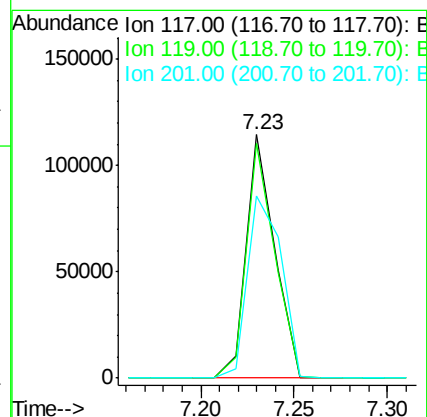
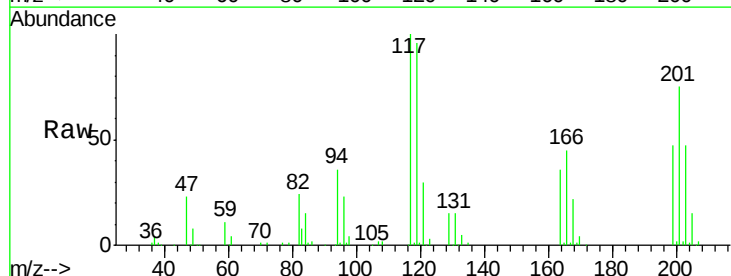
Instrument :
BNA_F
ClientSampleId :
PB89669TB

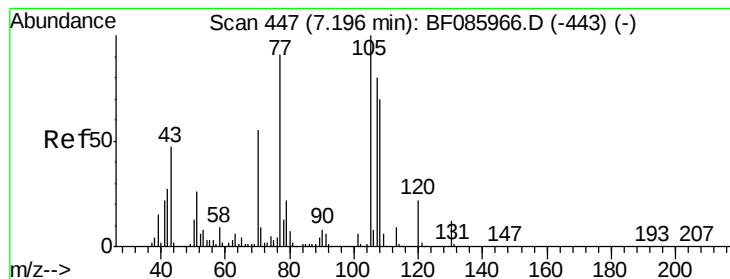
Tgt Ion:	107	Resp:	257695
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.4	137.0
77	52.5	36.2	54.2
79	49.3	35.8	53.8



#18
Hexachloroethane
Concen: 36.29 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion:	117	Resp:	120520
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.7	115.1
201	74.7	83.3	124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 38.05 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

Tgt Ion: 70 Resp: 207734

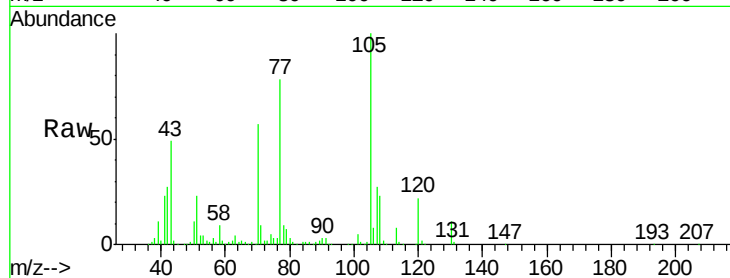
Ion Ratio Lower Upper

70 100

42 48.4 37.1 55.7

101 9.1 8.6 12.8

130 19.8 19.6 29.4

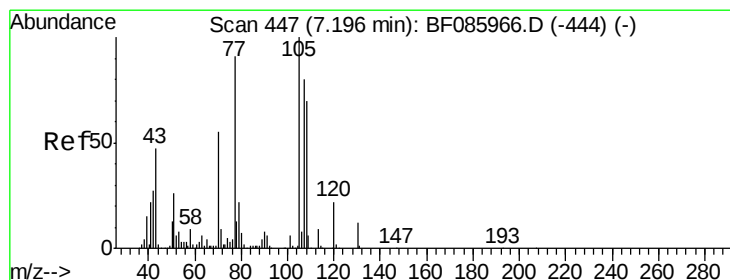
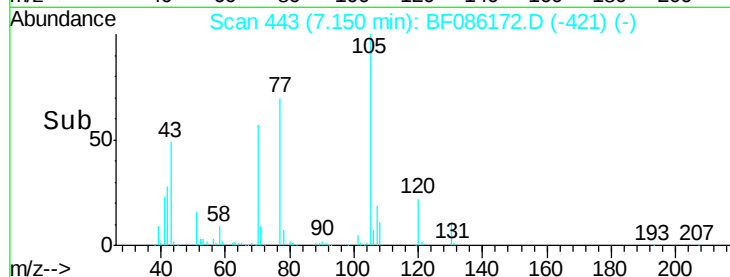
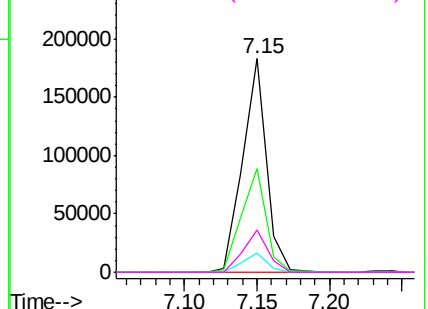


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 42.89 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion: 107 Resp: 340101

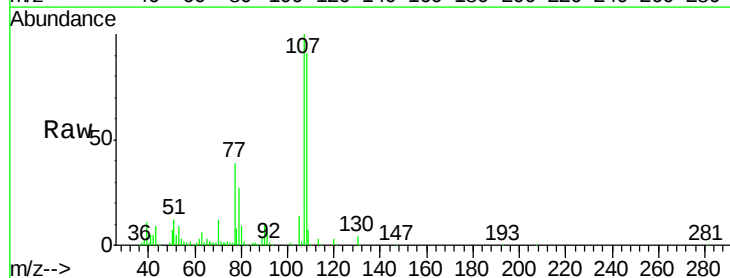
Ion Ratio Lower Upper

107 100

108 90.8 69.3 109.3

77 39.2 101.7 141.7#

79 27.1 8.3 48.3

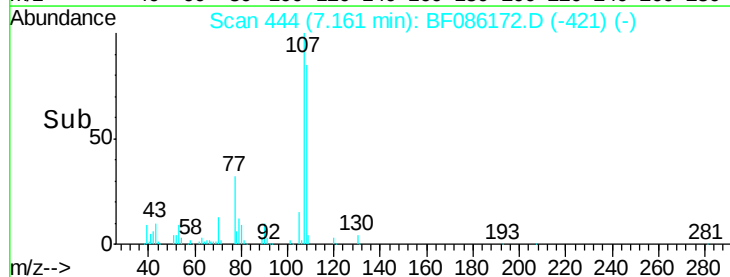
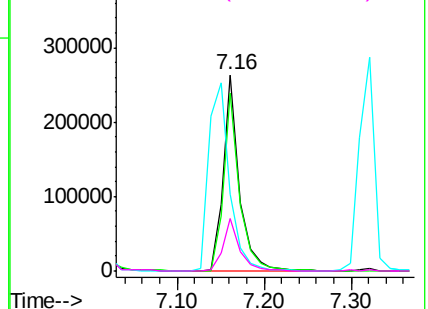


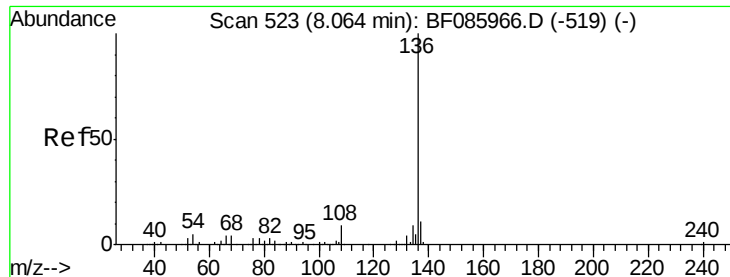
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

Tgt Ion:136 Resp: 485466

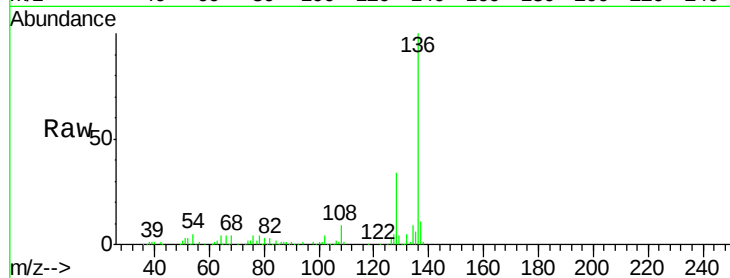
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.0 7.4 11.0#

68 4.3 5.8 8.8#

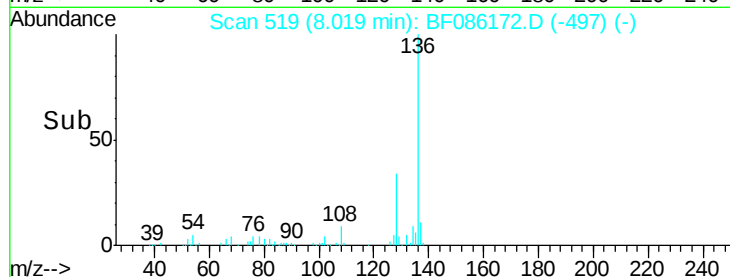


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

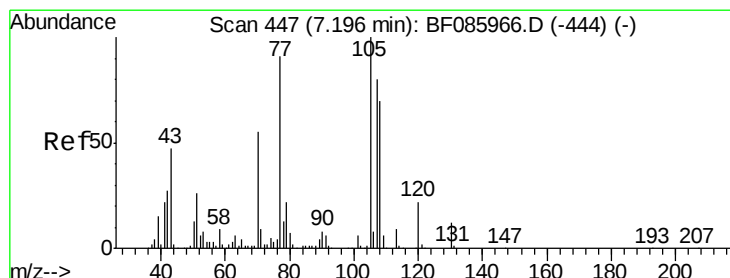
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.02



#22

Acetophenone

Concen: 37.92 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:105 Resp: 432791

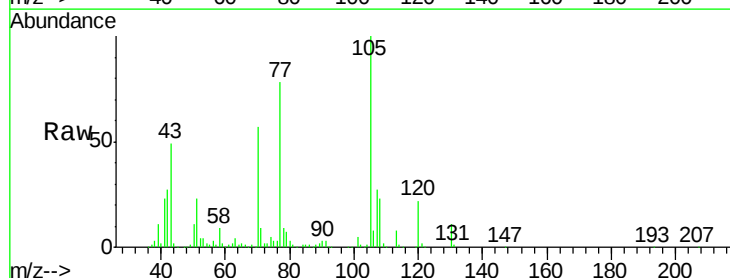
Ion Ratio Lower Upper

105 100

71 9.2 3.6 5.4#

51 22.9 25.4 38.0#

120 22.4 16.9 25.3

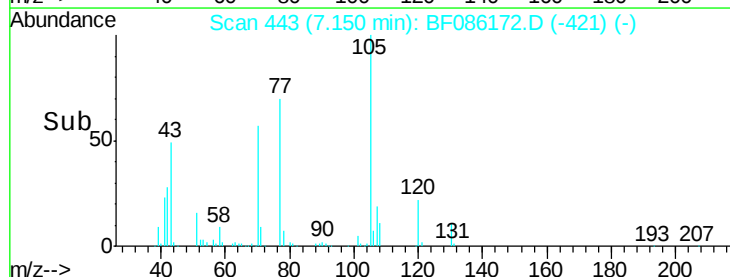


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

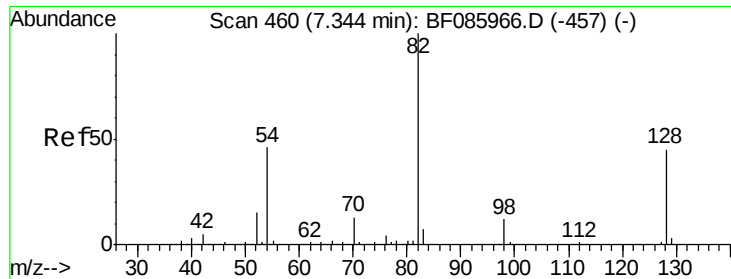
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

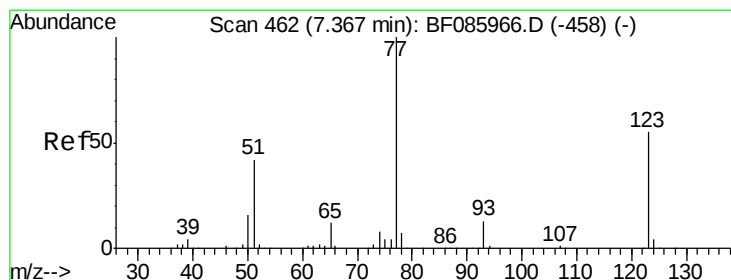
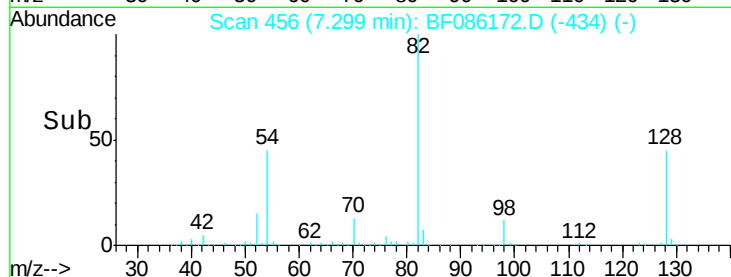
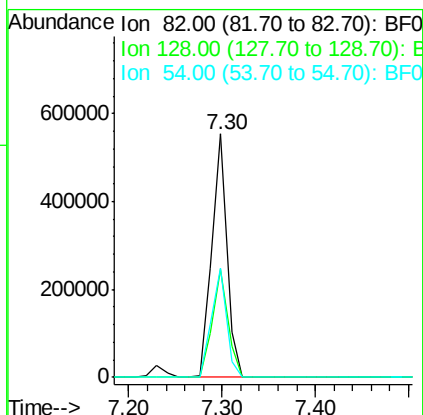
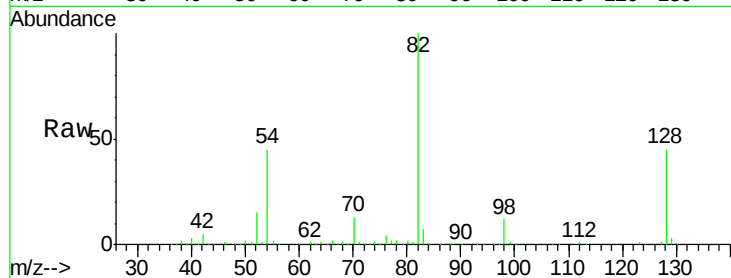
7.15



#23
 Nitrobenzene-d5
 Concen: 76.37 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

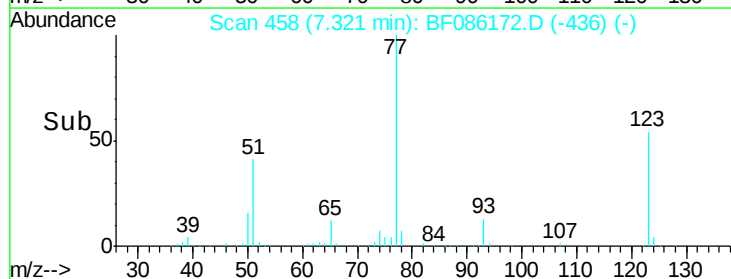
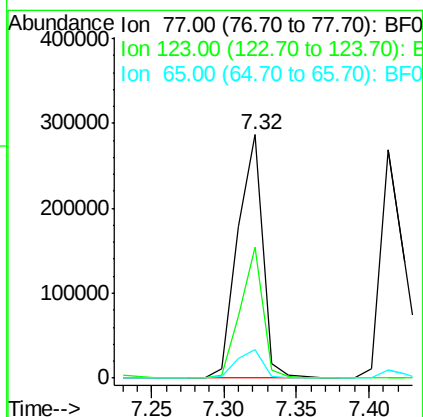
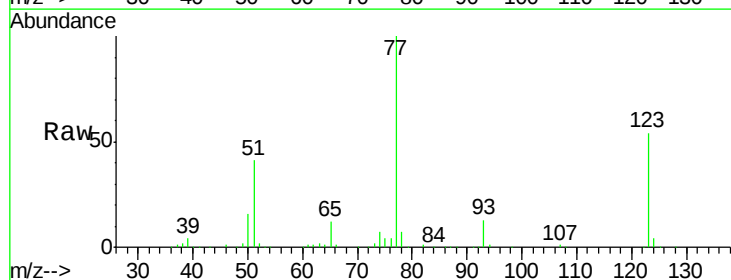
Instrument :
 BNA_F
 ClientSampleID :
 PB89669TB

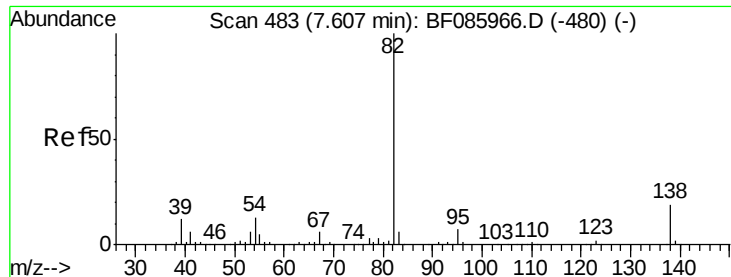
Tgt Ion: 82 Resp: 628699
 Ion Ratio Lower Upper
 82 100
 128 44.6 41.8 62.8
 54 44.9 33.4 50.0



#24
 Nitrobenzene
 Concen: 37.81 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion: 77 Resp: 340526
 Ion Ratio Lower Upper
 77 100
 123 53.8 35.0 52.4#
 65 12.0 10.6 16.0





#25

Isophorone

Concen: 38.29 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

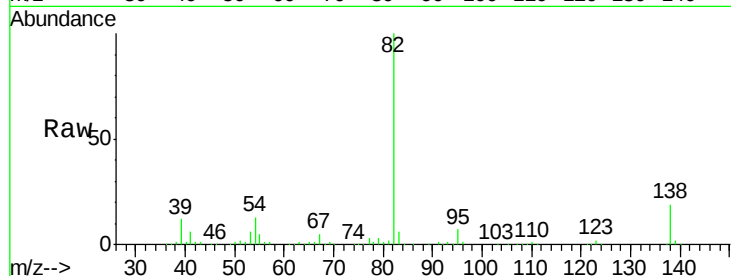
Tgt Ion: 82 Resp: 622153

Ion Ratio Lower Upper

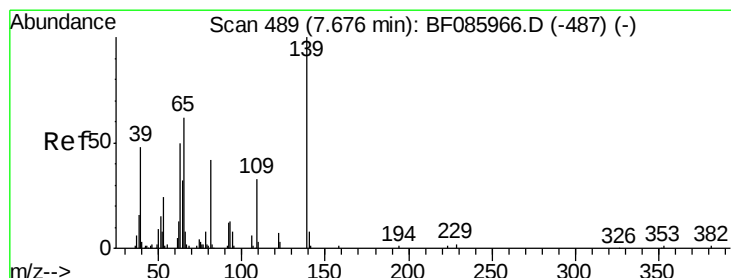
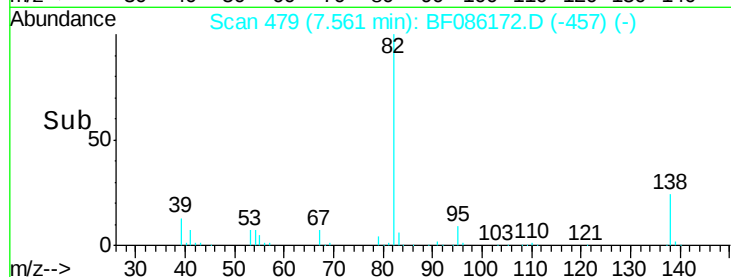
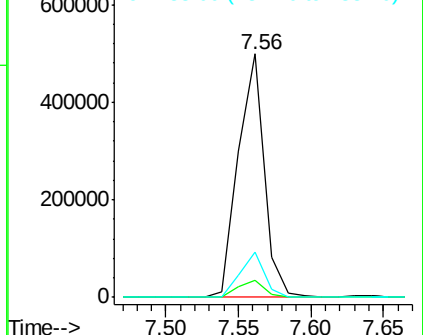
82 100

95 7.2 5.4 8.2

138 18.8 12.9 19.3



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: 39.94 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

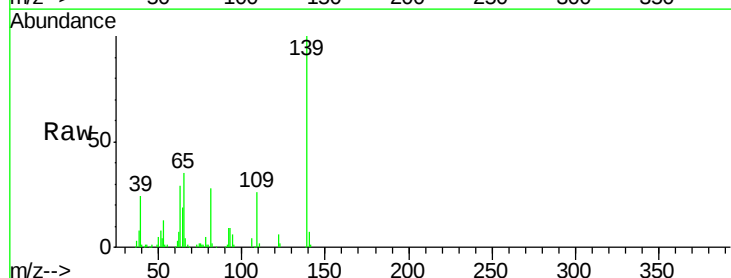
Tgt Ion: 139 Resp: 172104

Ion Ratio Lower Upper

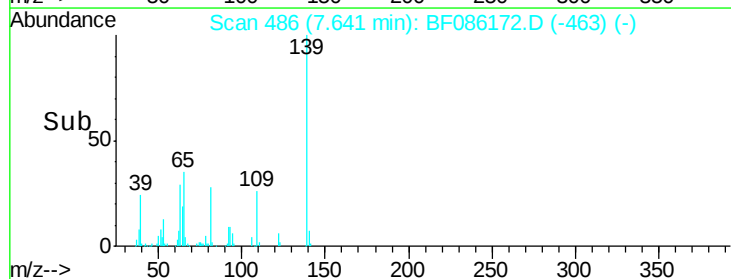
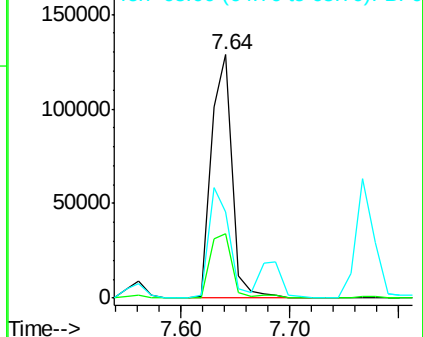
139 100

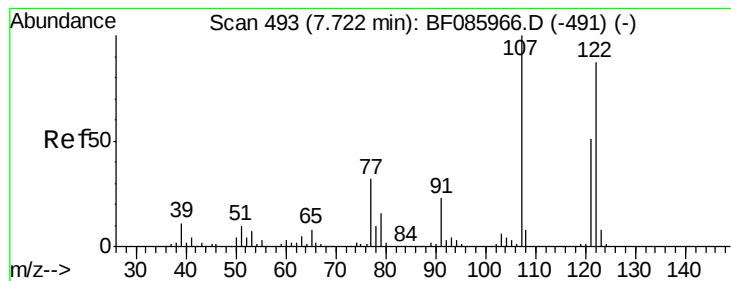
109 26.2 22.1 33.1

65 35.5 33.9 50.9



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





#27

2,4-Dimethylphenol

Concen: 40.50 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

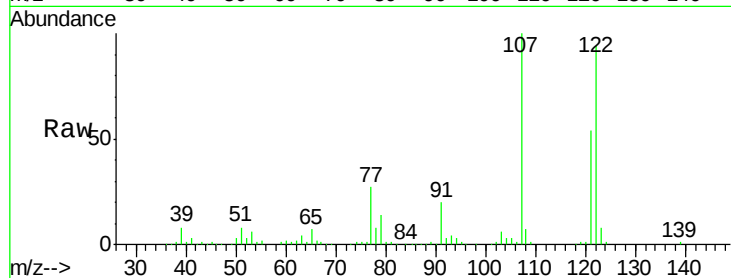
Tgt Ion:122 Resp: 313409

Ion Ratio Lower Upper

122 100

107 106.7 93.0 139.6

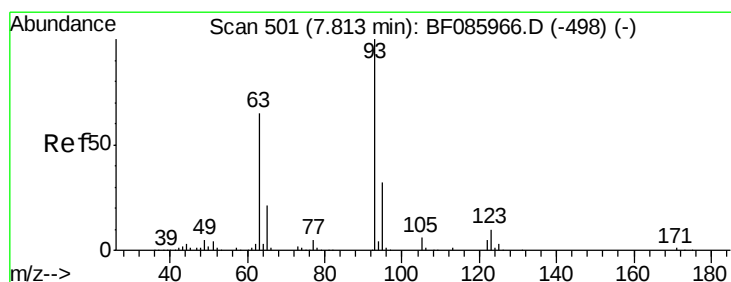
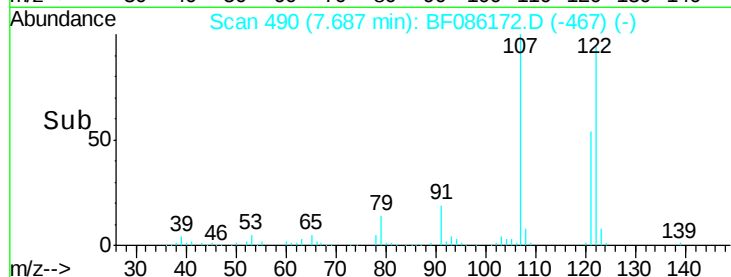
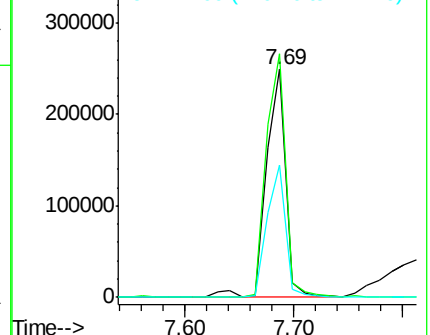
121 57.8 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.44 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

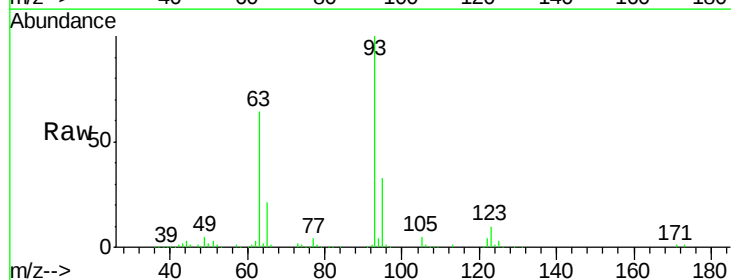
Tgt Ion: 93 Resp: 366506

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

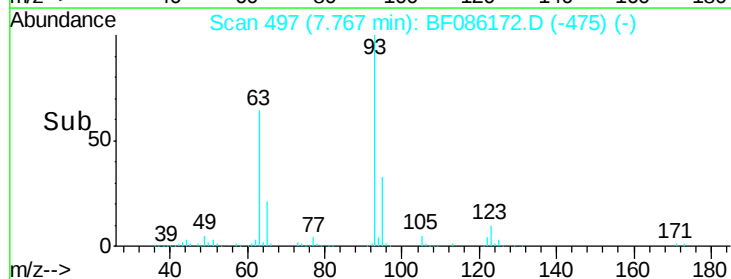
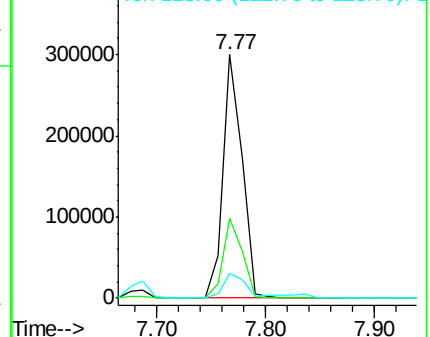
123 10.3 9.8 14.6

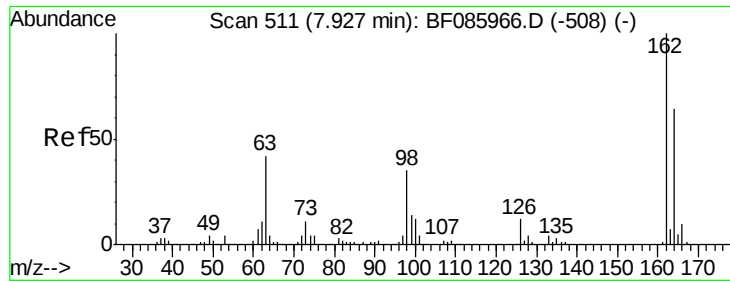


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

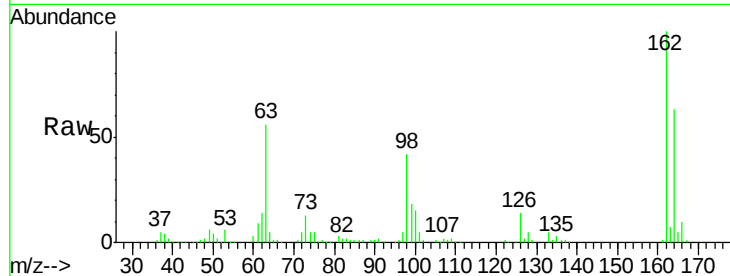




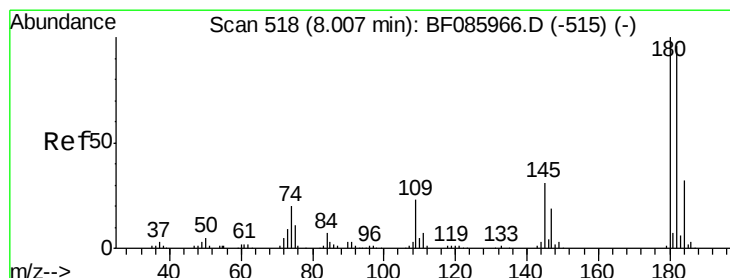
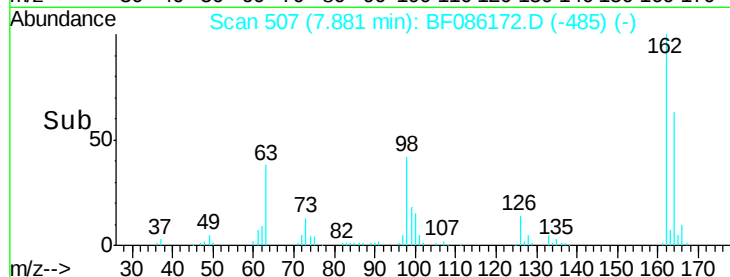
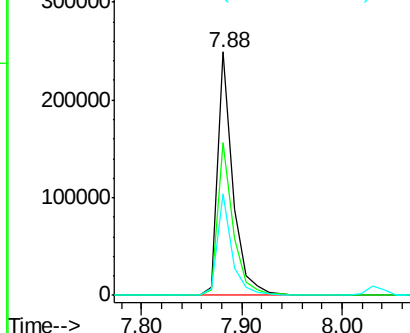
#29
 2,4-Dichlorophenol
 Concen: 40.14 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.7	83.7
98	41.7	20.4	60.4

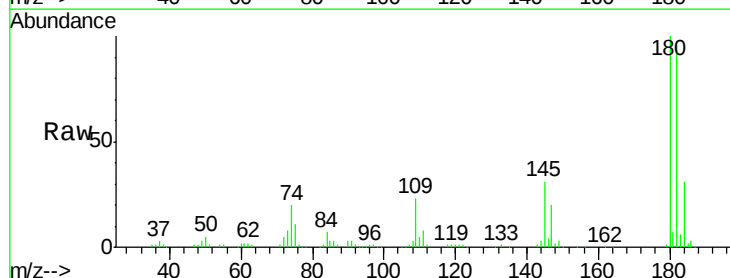


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

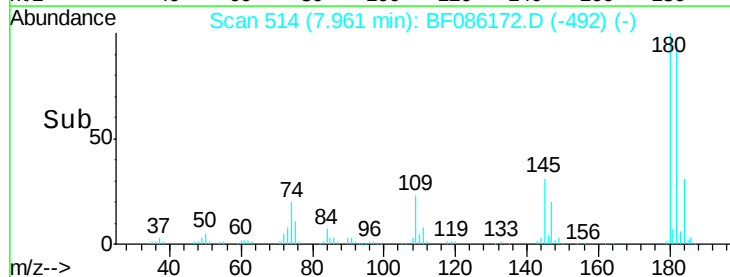
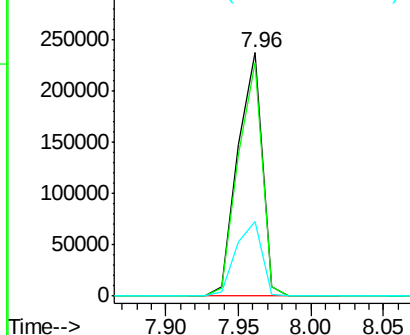


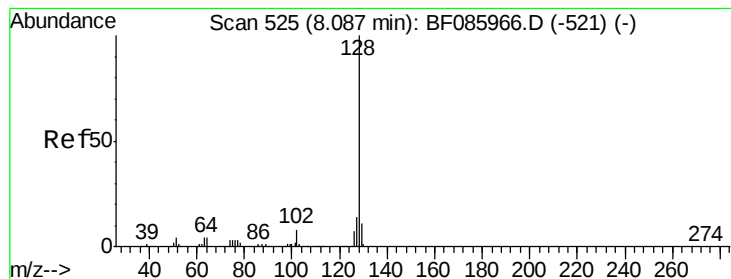
#30
 1,2,4-Trichlorobenzene
 Concen: 37.73 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	73.8	110.8
145	30.7	28.4	42.6



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: 36.36 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

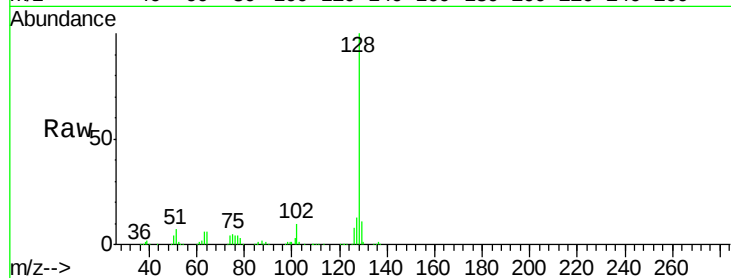
Tgt Ion:128 Resp: 887832

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

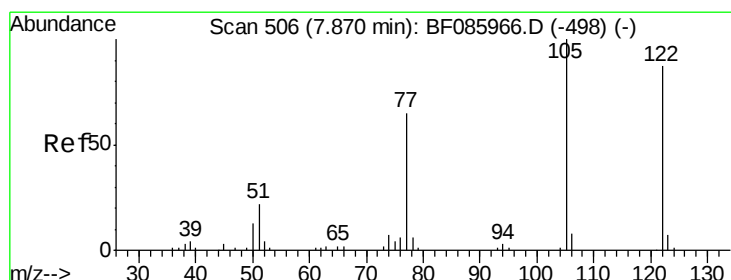
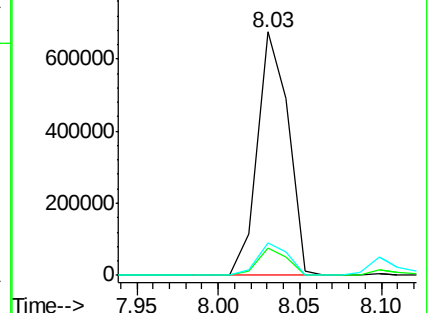
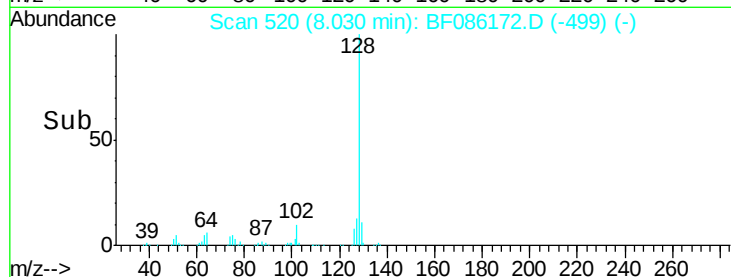
127 13.4 11.0 16.6



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: 32.43 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

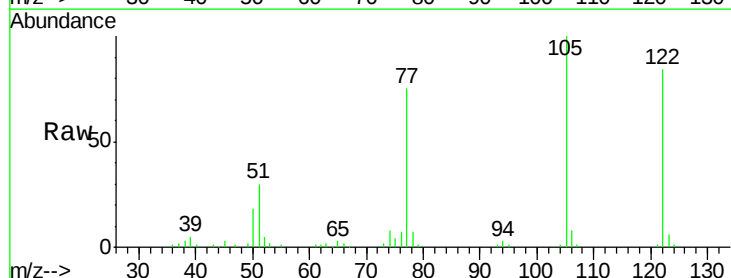
Tgt Ion:122 Resp: 184148

Ion Ratio Lower Upper

122 100

105 118.7 102.9 142.9

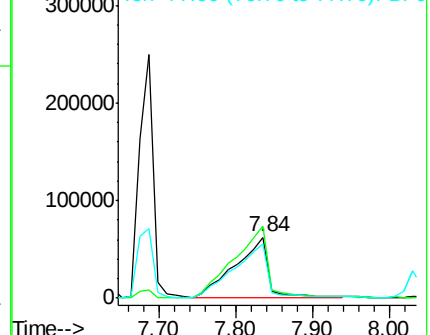
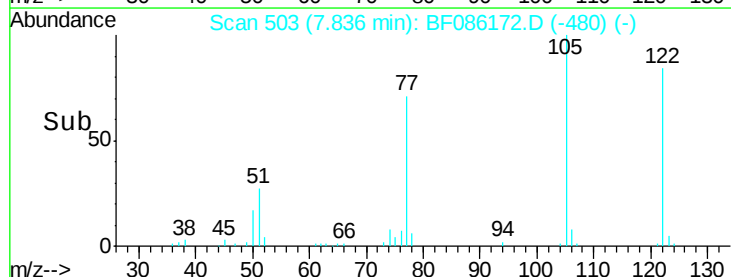
77 88.6 71.8 111.8

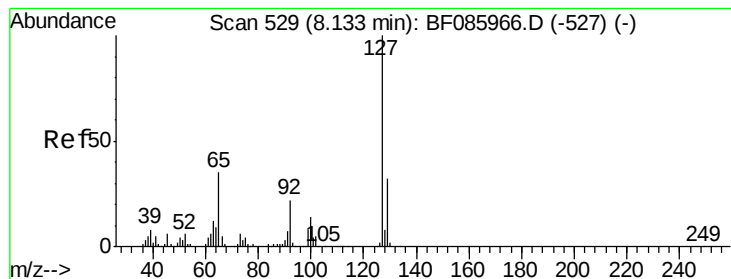


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.77 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

Tgt Ion:127 Resp: 76667

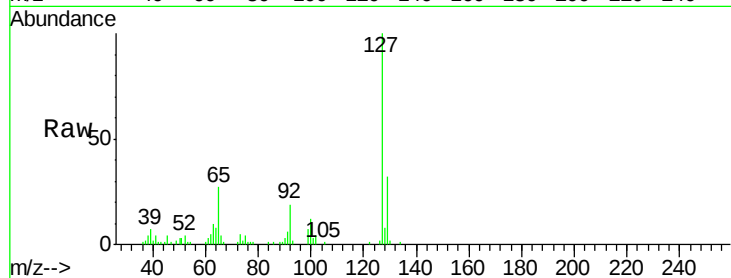
Ion Ratio Lower Upper

127 100

129 31.8 26.1 39.1

65 27.3 19.5 29.3

92 18.8 14.6 22.0

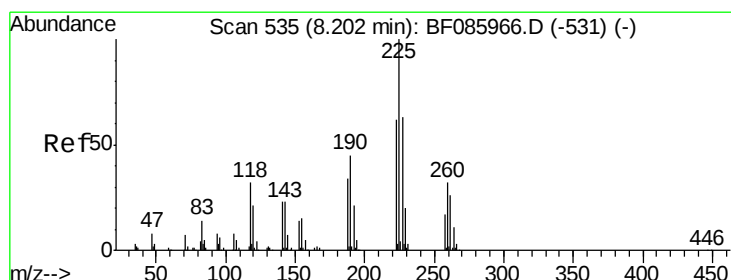
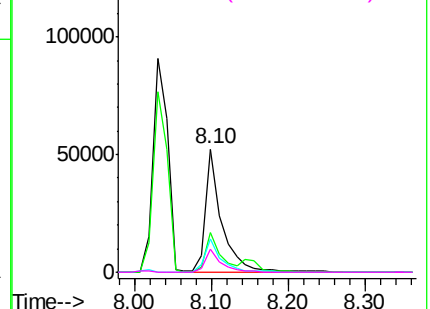
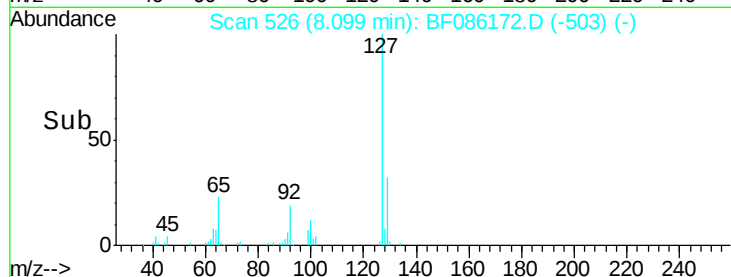


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.70 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

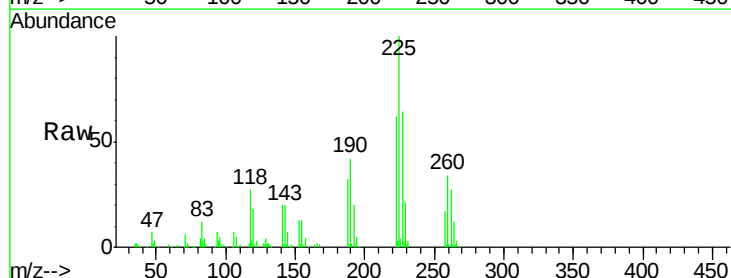
Tgt Ion:225 Resp: 144895

Ion Ratio Lower Upper

225 100

223 61.8 50.4 75.6

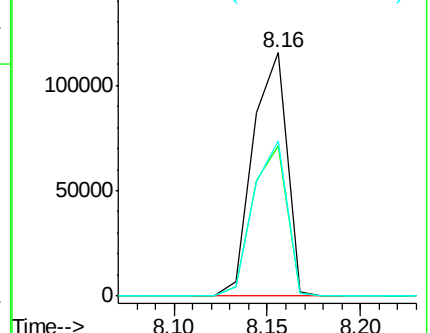
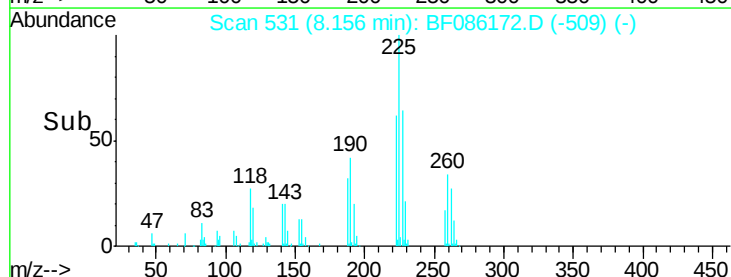
227 64.0 51.4 77.2

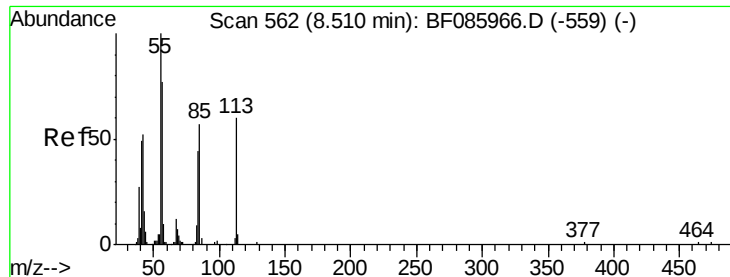


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

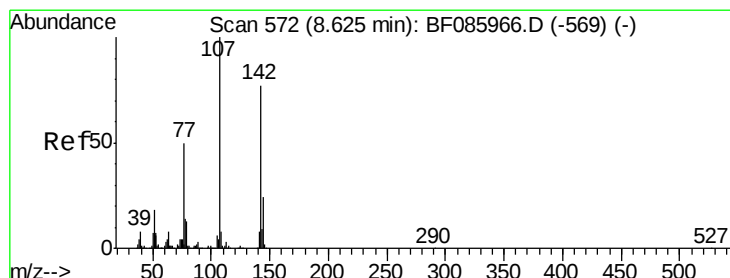
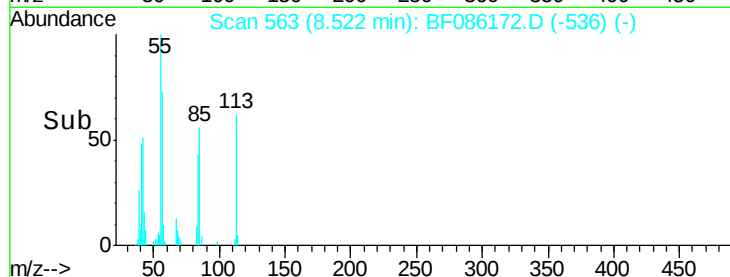
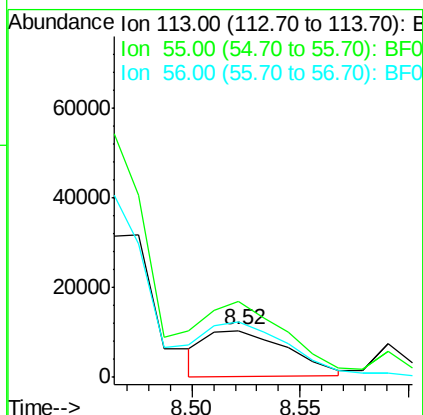
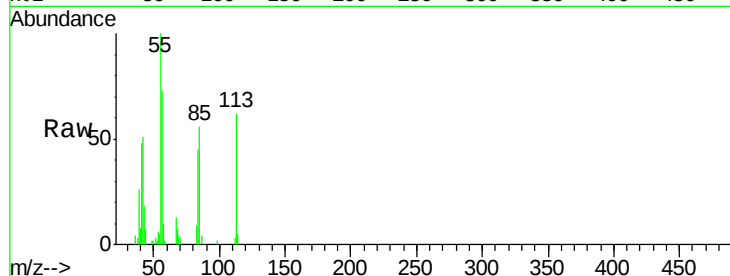




#35
 Caprolactam
 Concen: 12.71 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

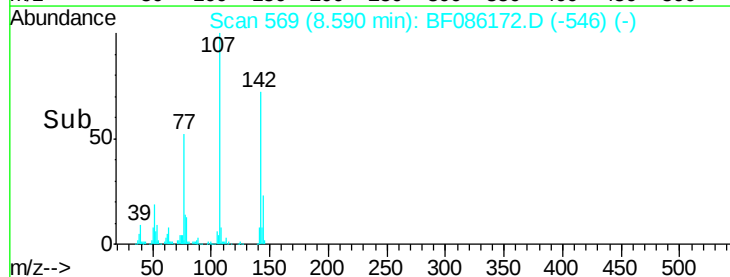
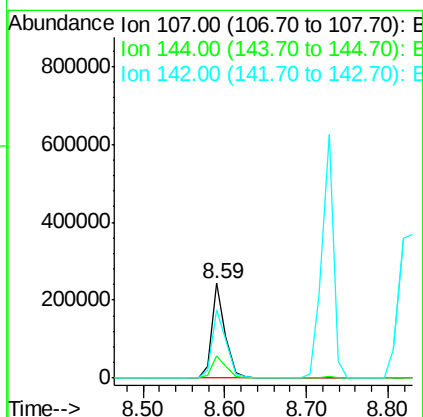
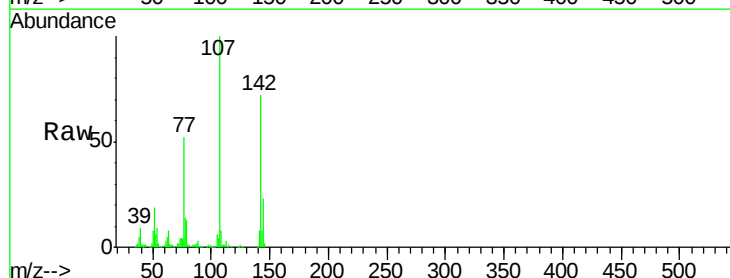
Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

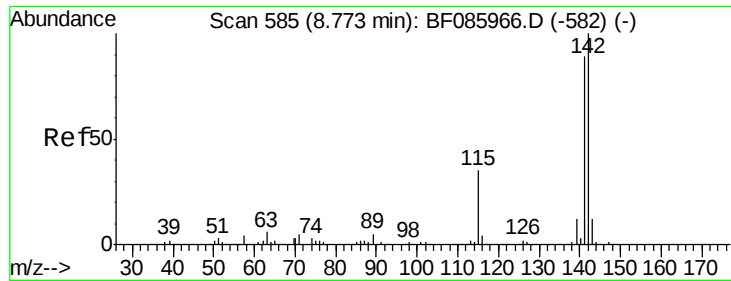
Tgt Ion:113 Resp: 26385
 Ion Ratio Lower Upper
 113 100
 55 162.0 139.4 179.4
 56 118.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.88 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:107 Resp: 278626
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 72.3 61.4 92.0

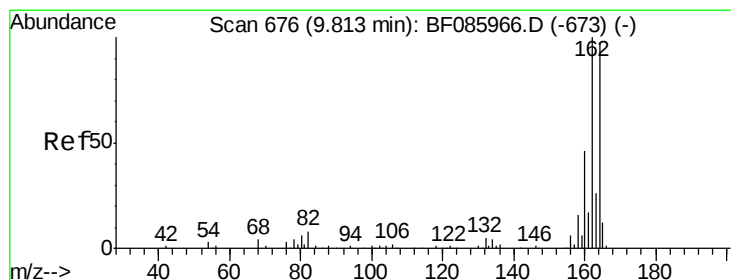
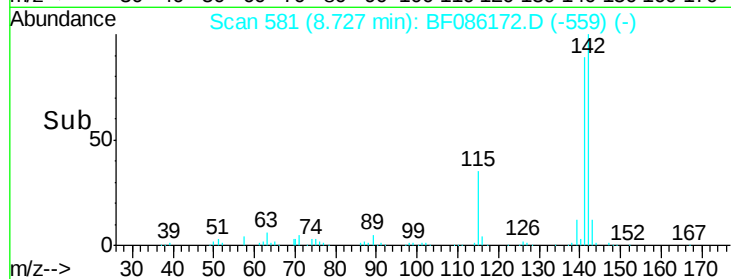
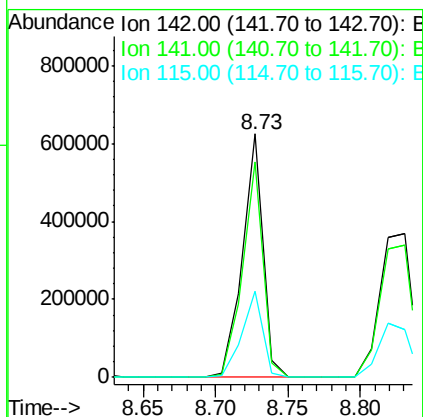
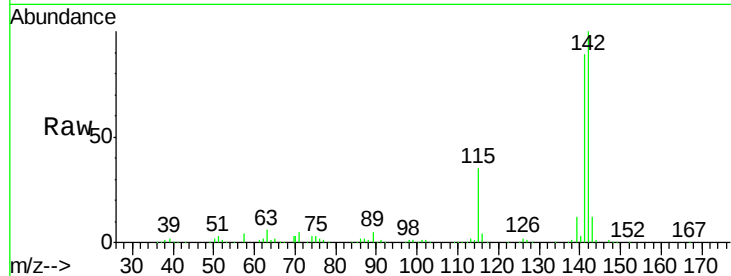




#37
 2-Methylnaphthalene
 Concen: 38.54 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

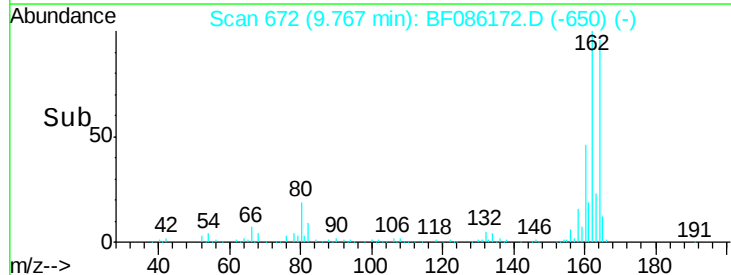
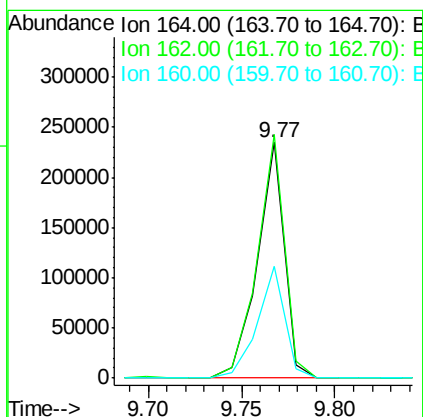
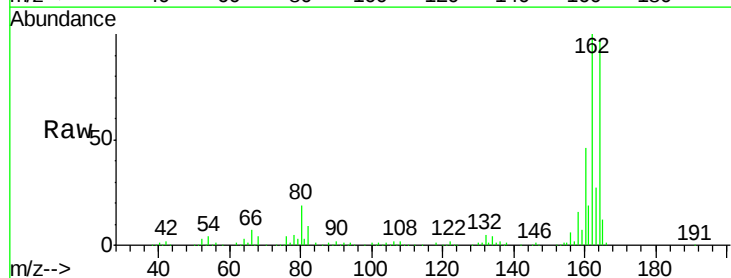
Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

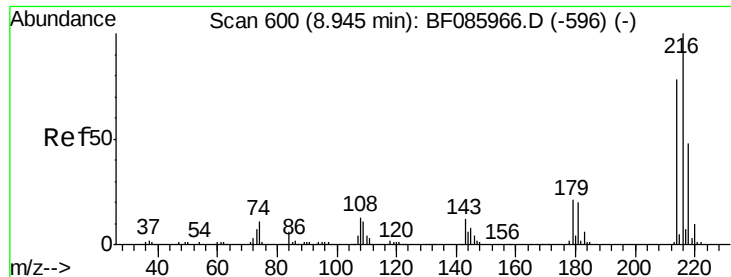
Tgt Ion:142 Resp: 614807
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.6 107.4
 115 35.3 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:164 Resp: 233486
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.1 123.1
 160 47.2 37.4 56.2

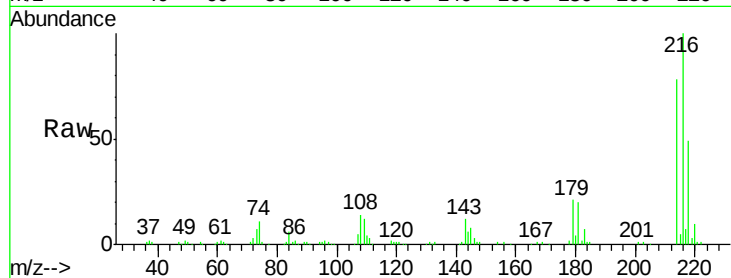




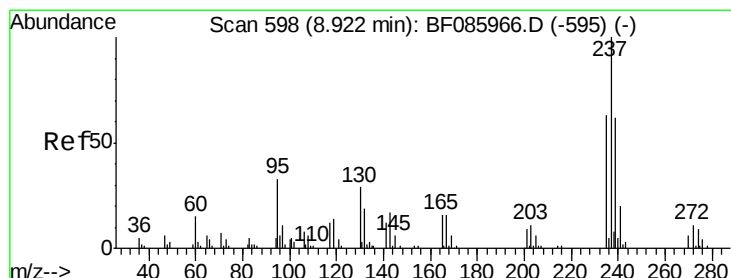
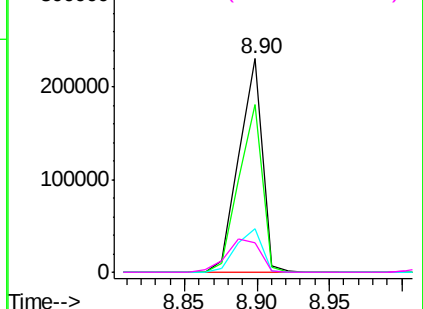
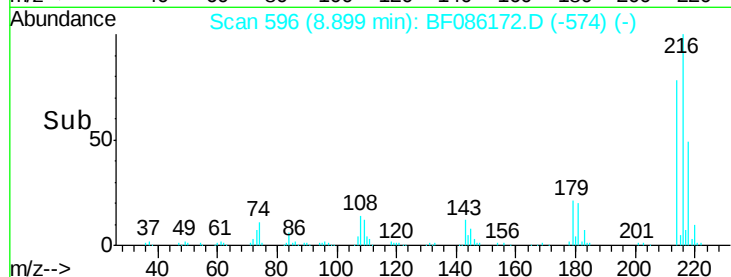
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.73 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tgt Ion:	216	Resp:	257732
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.1	94.7
179	22.6	18.2	27.2
108	22.2	17.3	25.9

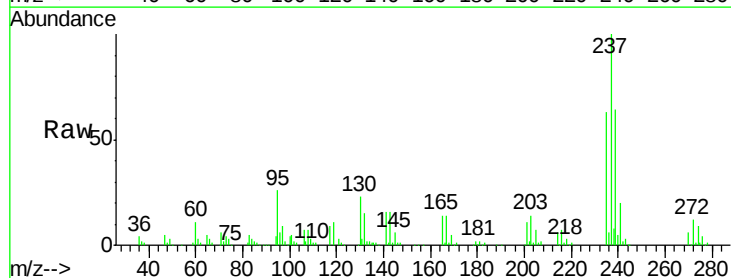


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

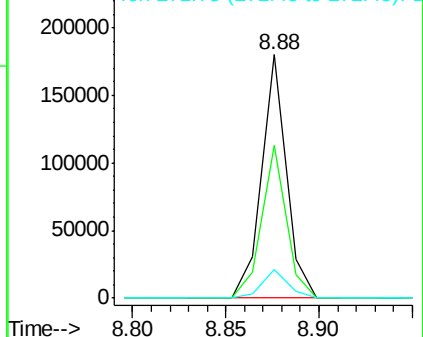
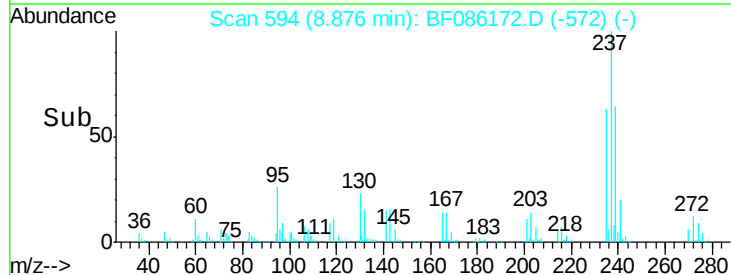


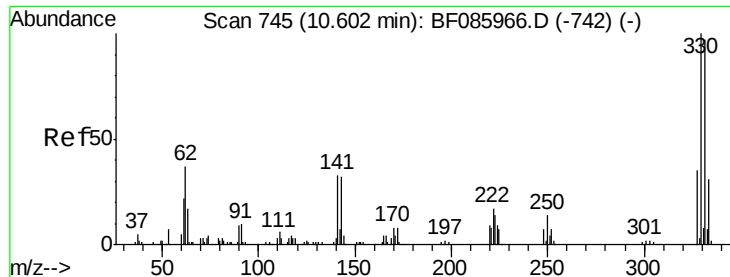
#40
 Hexachlorocyclopentadiene
 Concen: 68.96 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:	237	Resp:	165045
Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.7	83.7
272	11.7	0.0	31.9



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

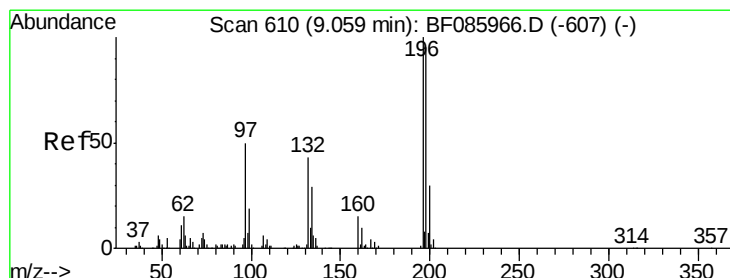
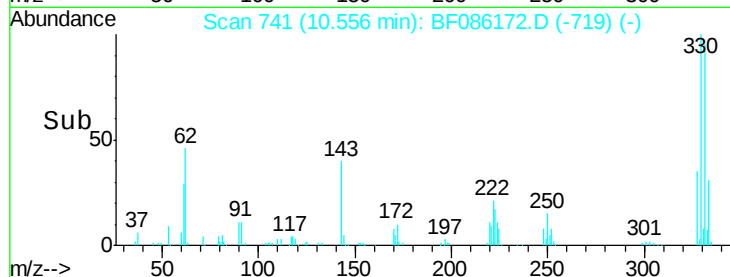
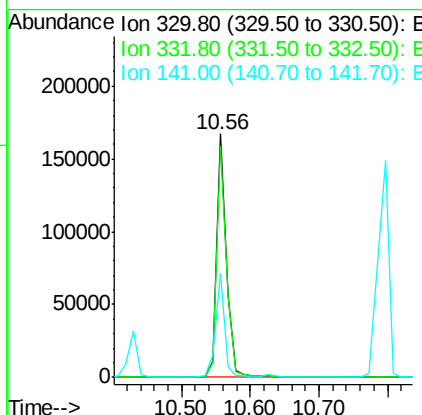
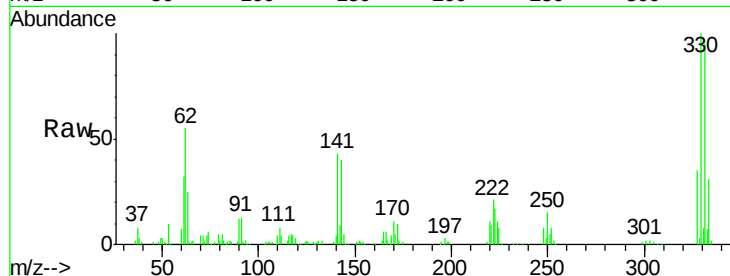




#41
 2,4,6-Tribromophenol
 Concen: 77.62 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

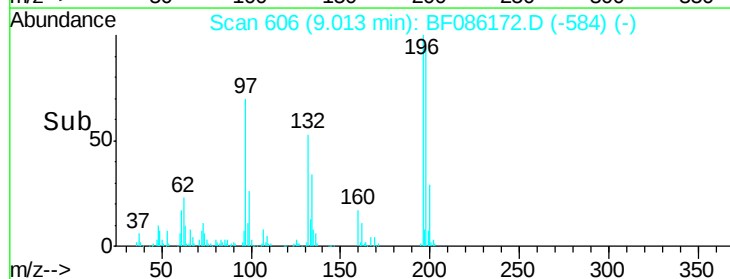
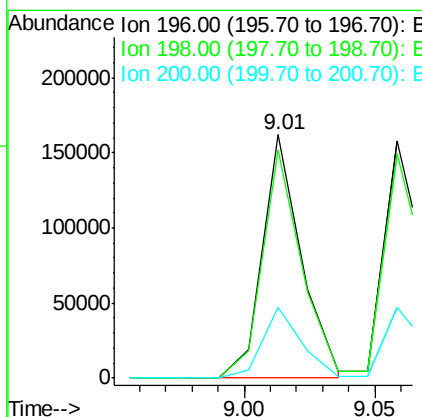
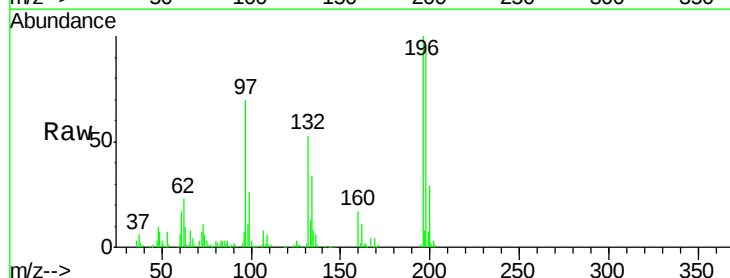
Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

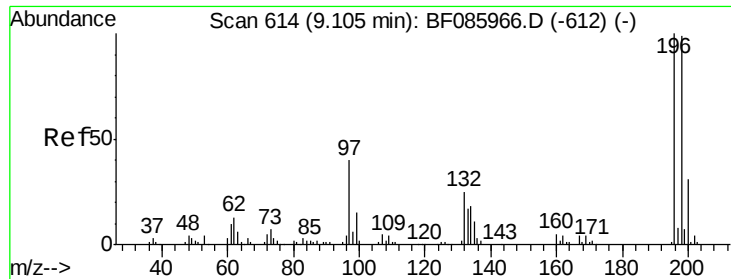
Tgt Ion:330 Resp: 170105
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.2 117.2
 141 39.6 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 37.30 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:196 Resp: 168090
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.3 112.9
 200 29.2 23.7 35.5

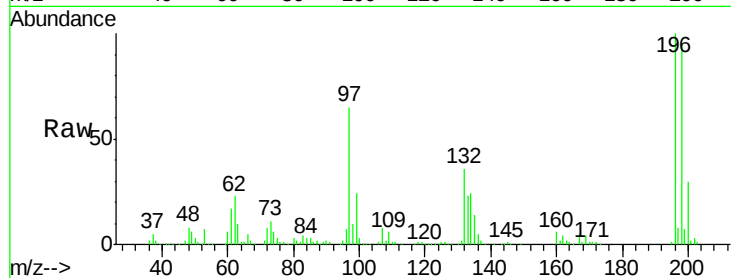




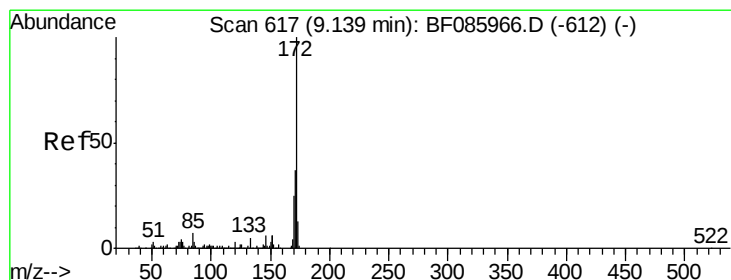
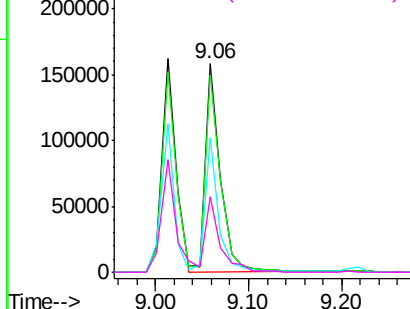
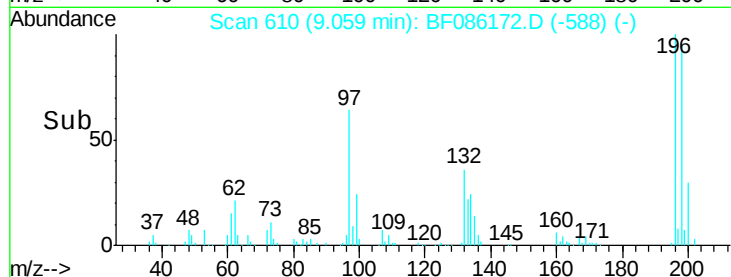
#43
 2,4,5-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tgt Ion:196 Resp: 177606
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.6 114.8
 97 64.6 30.5 45.7#
 132 36.1 20.2 30.2#

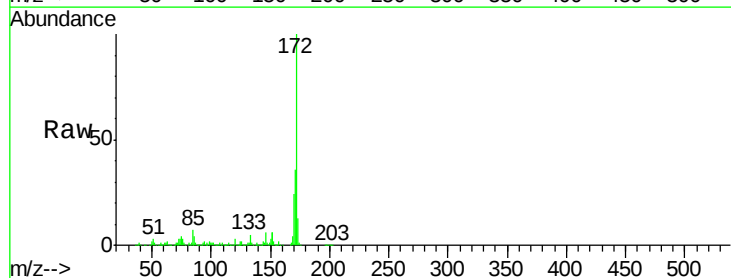


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

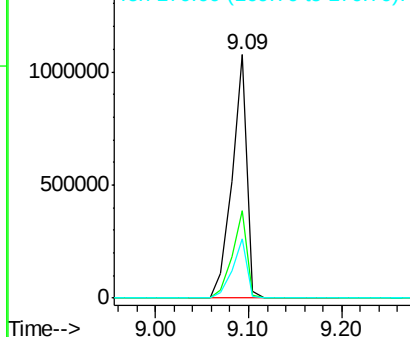
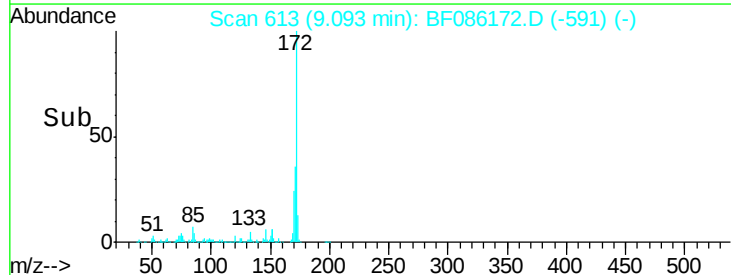


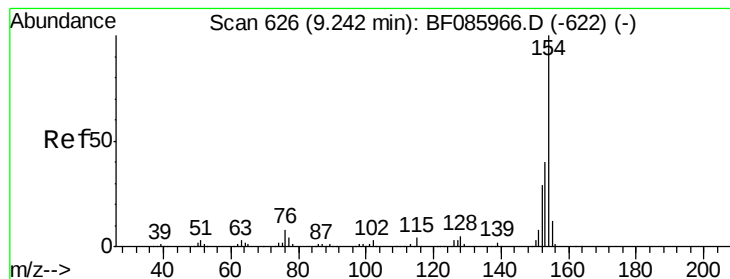
#44
 2-Fluorobiphenyl
 Concen: 84.91 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:172 Resp: 1192367
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.1 19.8 29.6



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





#45

1,1'-Biphenyl

Concen: 36.24 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

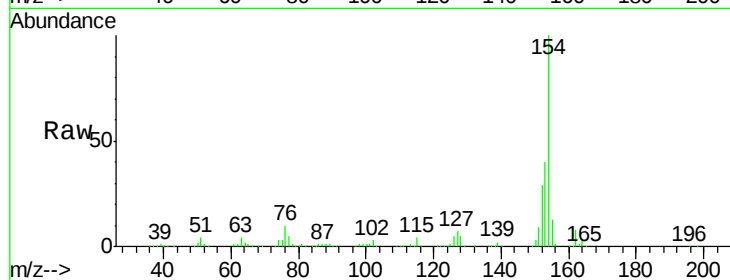
Tgt Ion:154 Resp: 729512

Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

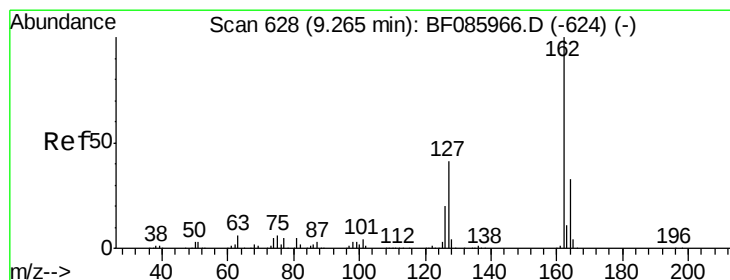
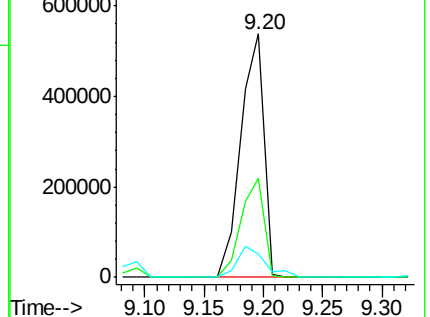
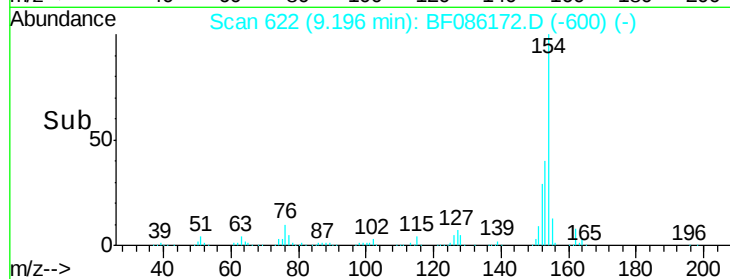
76 9.7 0.0 36.7



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: 39.09 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

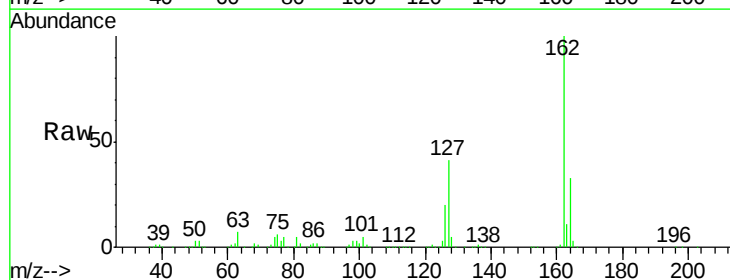
Tgt Ion:162 Resp: 570534

Ion Ratio Lower Upper

162 100

127 41.3 31.7 47.5

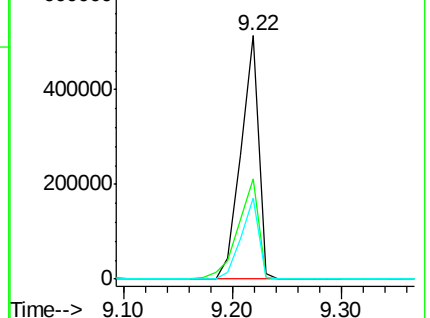
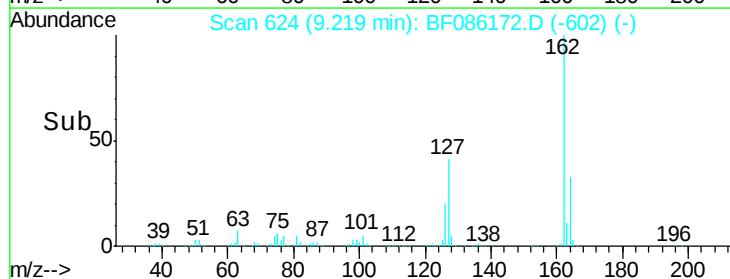
164 33.0 27.3 40.9

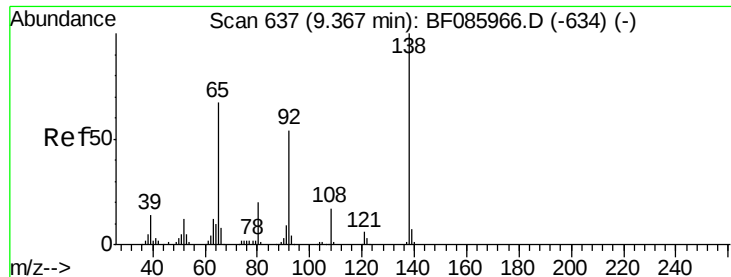


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

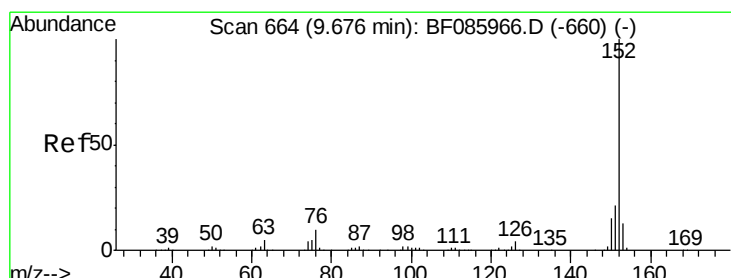
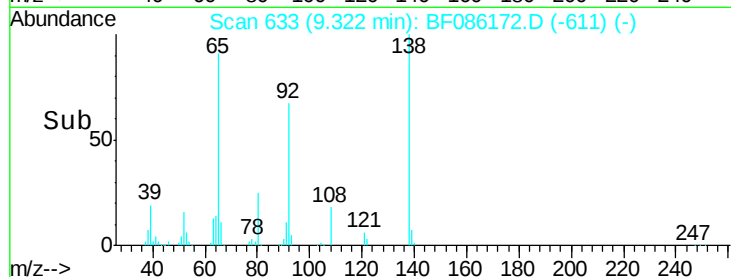
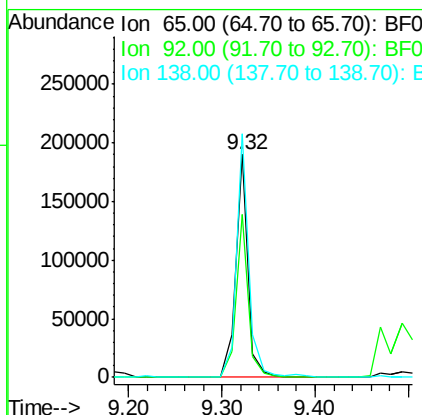
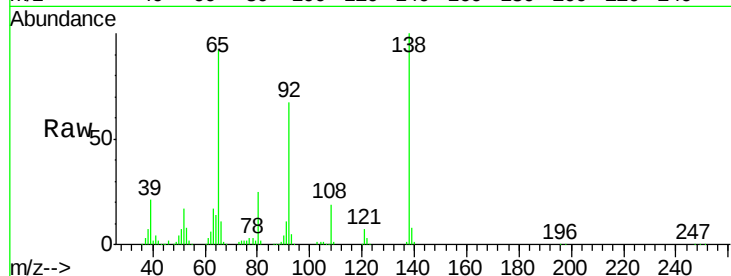




#47
2-Nitroaniline
Concen: 41.11 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

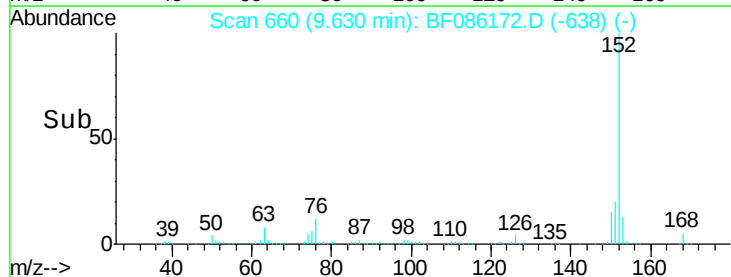
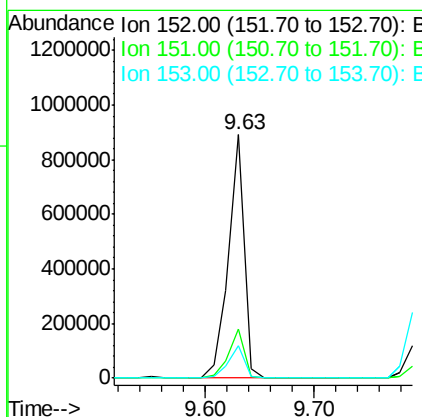
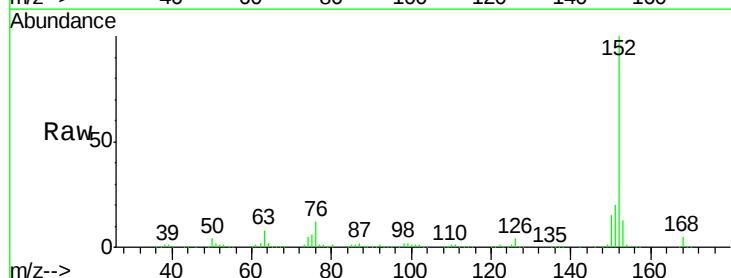
Instrument :
BNA_F
ClientSampleId :
PB89669TB

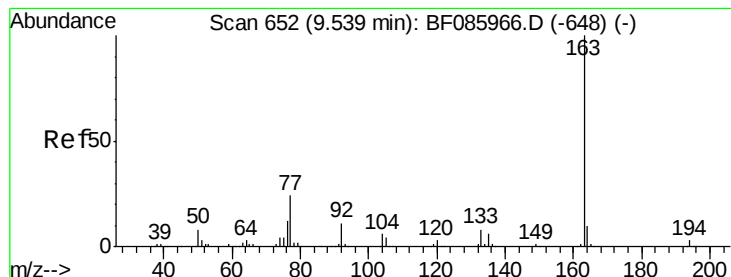
Tgt Ion: 65 Resp: 175530
Ion Ratio Lower Upper
65 100
92 73.0 59.7 89.5
138 109.2 91.4 137.0



#48
Acenaphthylene
Concen: 38.08 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion: 152 Resp: 890146
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 39.39 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

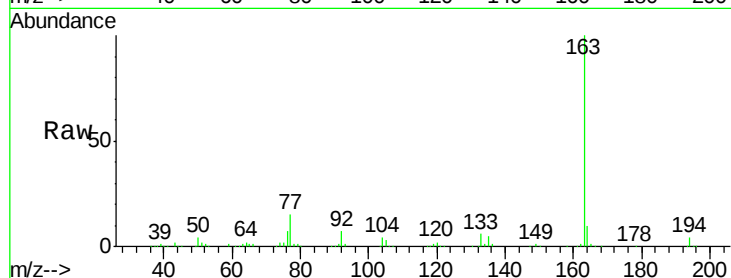
Tgt Ion:163 Resp: 681702

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

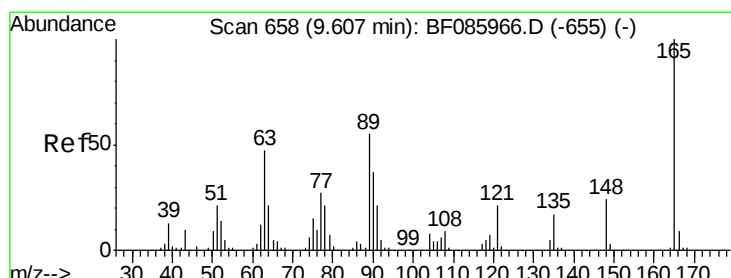
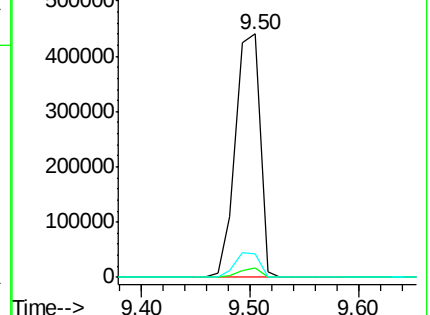
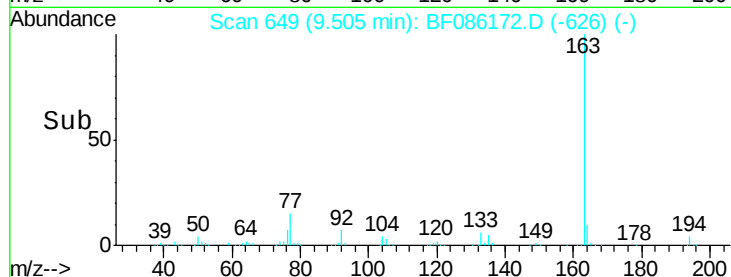
164 9.7 8.3 12.5



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: 35.74 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

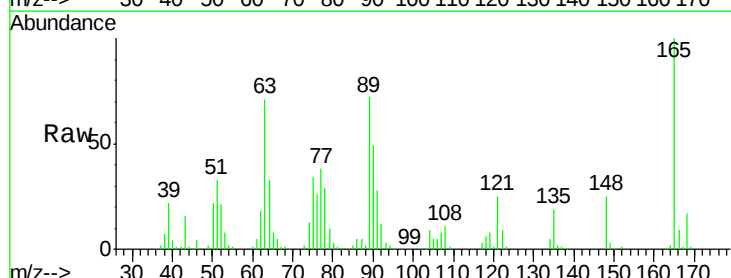
Tgt Ion:165 Resp: 130875

Ion Ratio Lower Upper

165 100

63 71.4 51.8 77.8

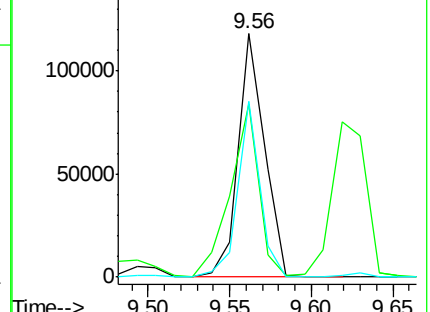
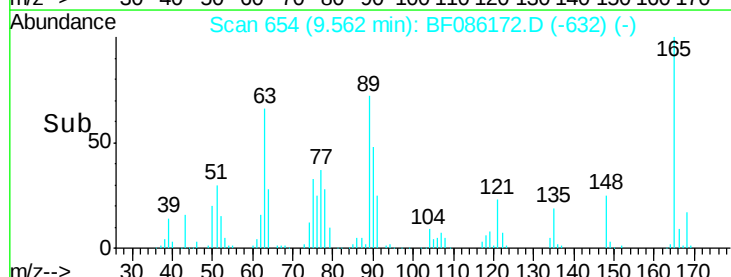
89 72.3 53.7 80.5

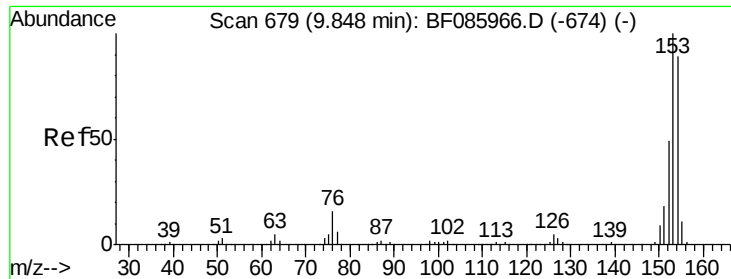


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.58 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

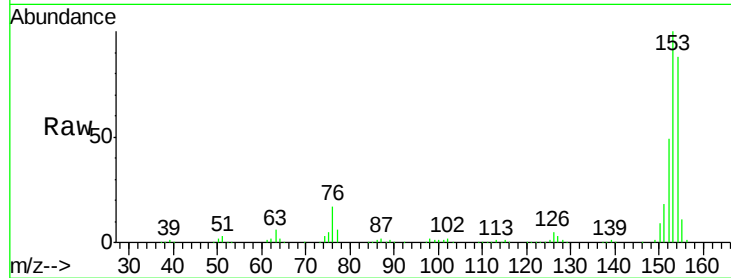
Tgt Ion:154 Resp: 536443

Ion Ratio Lower Upper

154 100

153 114.1 90.1 135.1

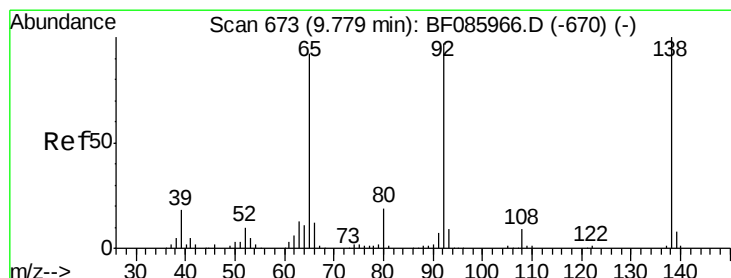
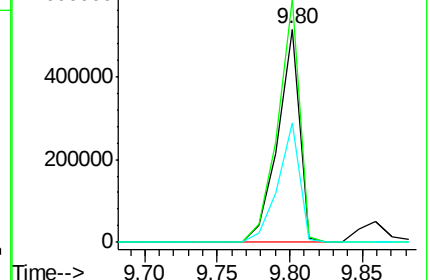
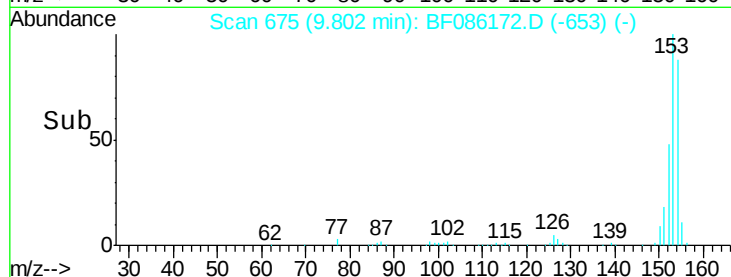
152 56.2 44.2 66.2



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: 14.23 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

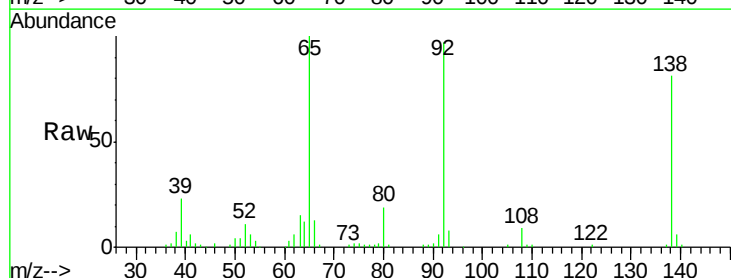
Tgt Ion:138 Resp: 62793

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

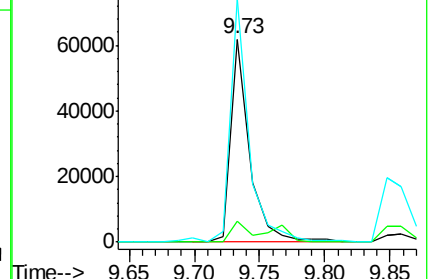
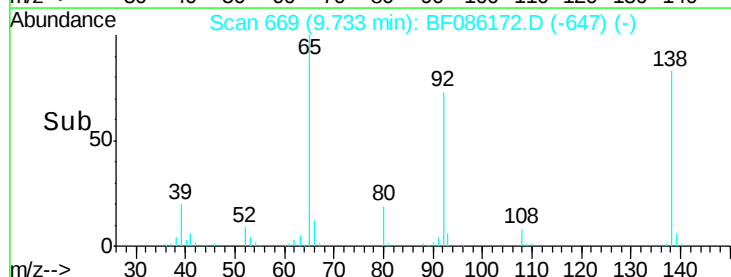
92 119.9 93.3 139.9

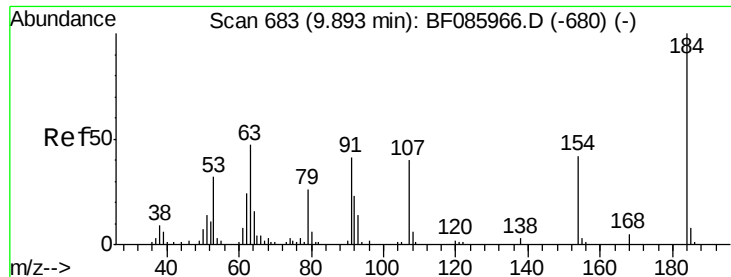


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

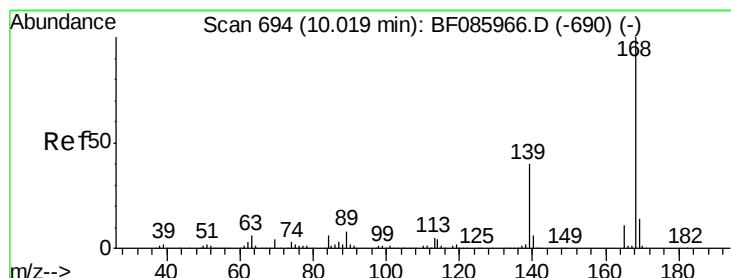
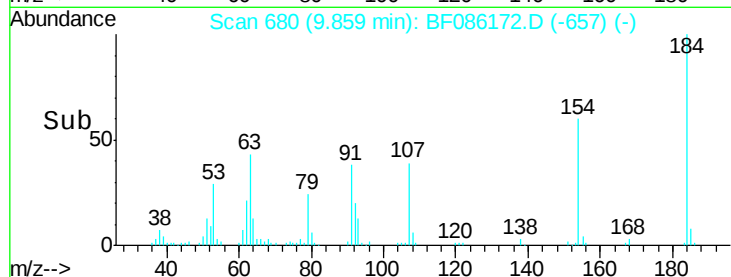
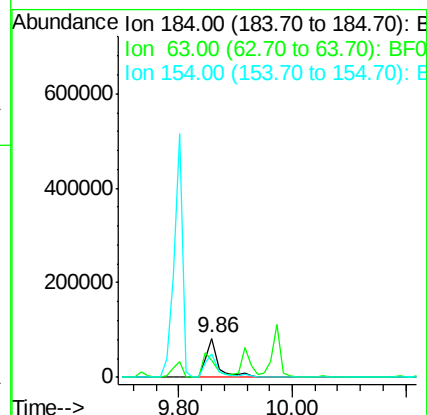
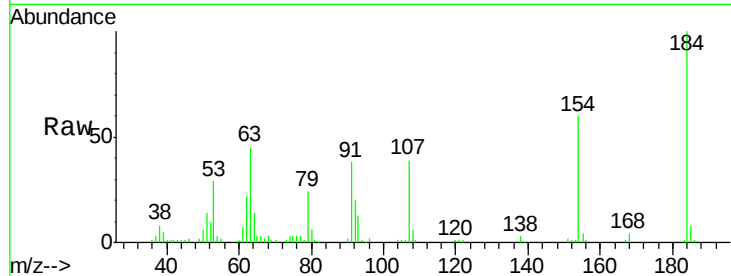




#53
2,4-Dinitrophenol
Concen: 60.18 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

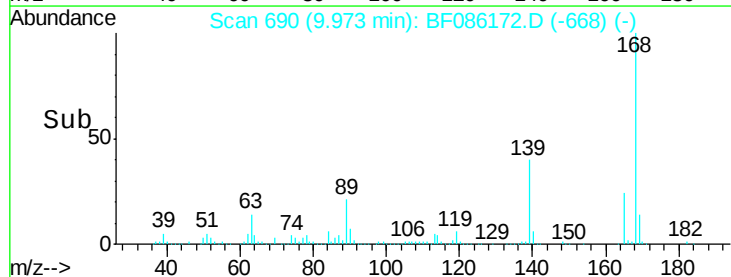
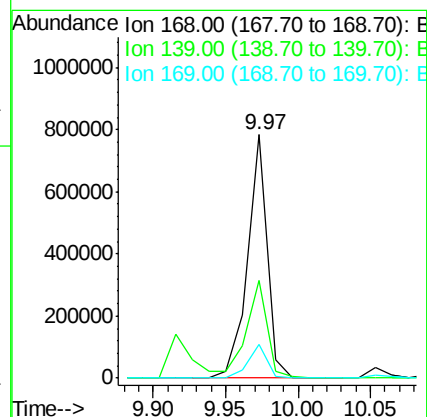
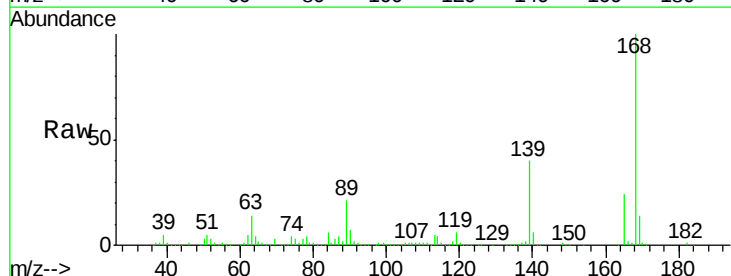
Instrument :
BNA_F
ClientSampleId :
PB89669TB

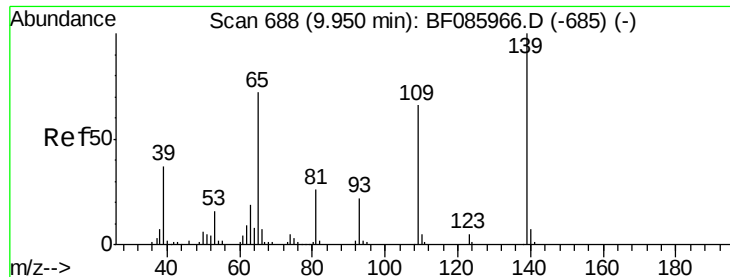
Tgt Ion:184 Resp: 131621
Ion Ratio Lower Upper
184 100
63 44.8 69.5 104.3#
154 59.8 58.3 87.5



#54
Dibenzofuran
Concen: 40.01 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion:168 Resp: 734724
Ion Ratio Lower Upper
168 100
139 40.4 31.9 47.9
169 13.7 11.0 16.6





#55

4-Nitrophenol

Concen: 58.78 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

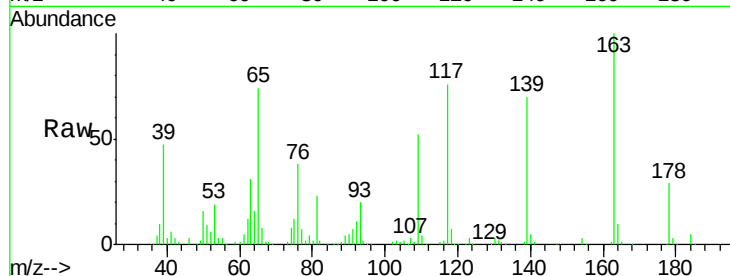
Tgt Ion:139 Resp: 152915

Ion Ratio Lower Upper

139 100

109 74.3 49.2 89.2

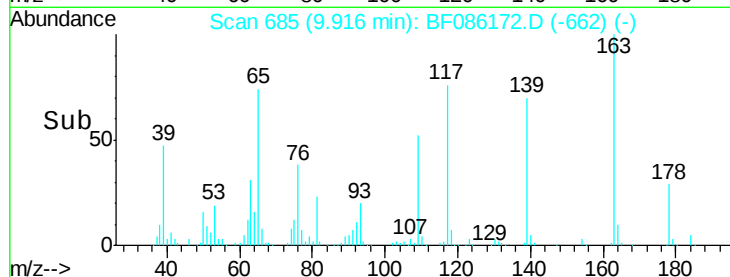
65 105.1 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

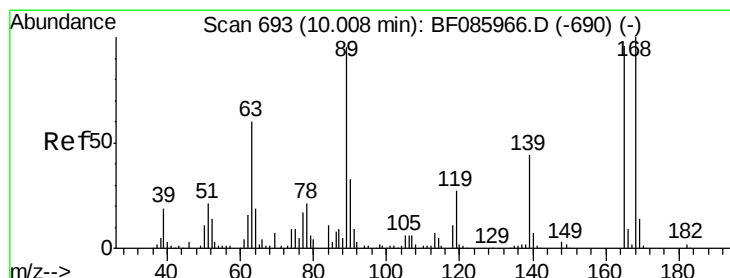
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Abundance

Time-->



#56

2,4-Dinitrotoluene

Concen: 36.62 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:165 Resp: 169406

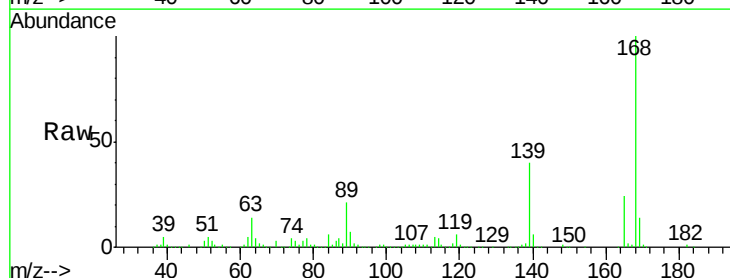
Ion Ratio Lower Upper

165 100

63 59.2 24.9 37.3#

89 86.3 41.0 61.6#

182 2.3 2.1 3.1

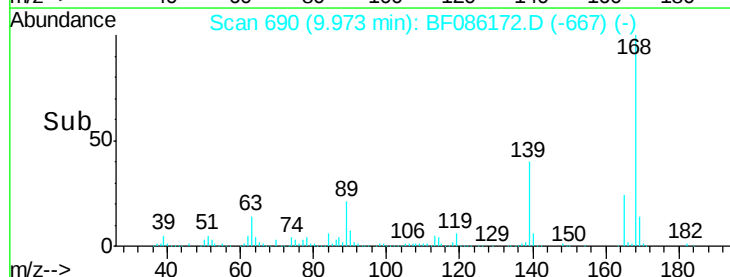


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

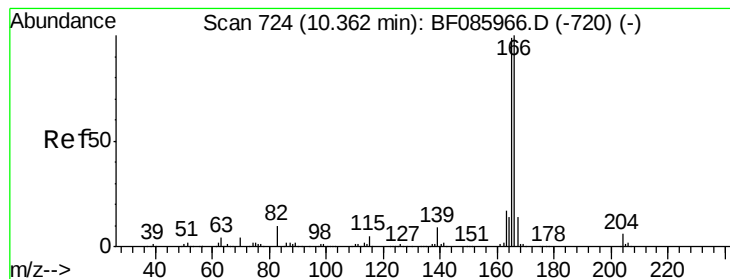
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Abundance

Time-->



#57

Fluorene

Concen: 39.14 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

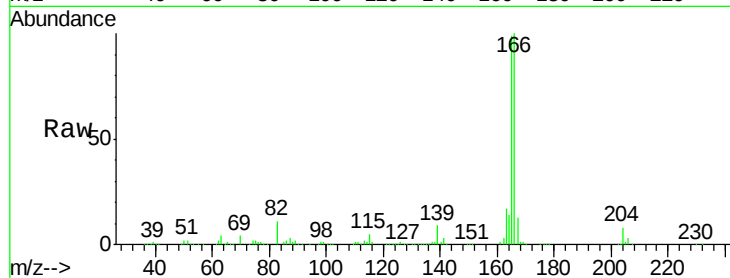
Tgt Ion:166 Resp: 613972

Ion Ratio Lower Upper

166 100

165 99.5 79.4 119.0

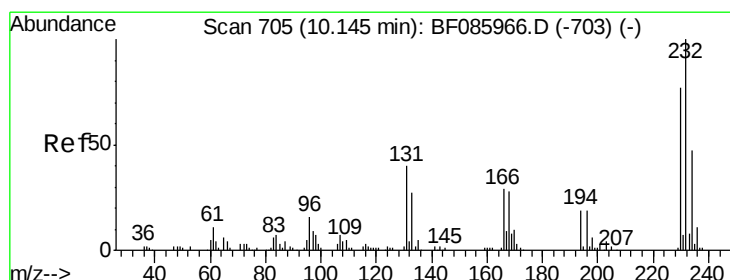
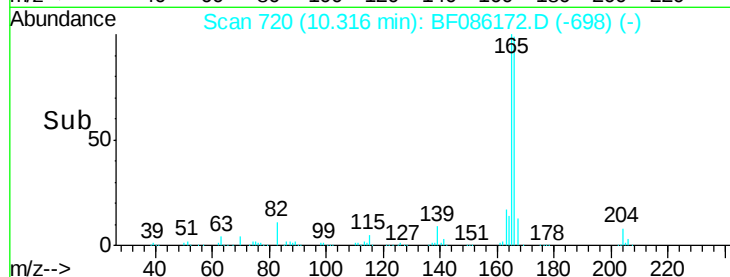
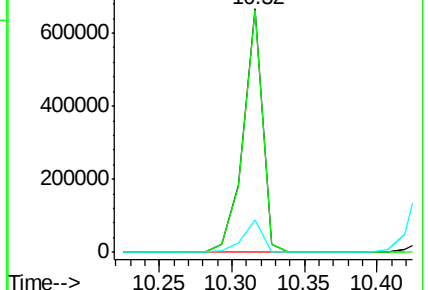
167 13.4 11.0 16.4



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: 41.03 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:232 Resp: 139787

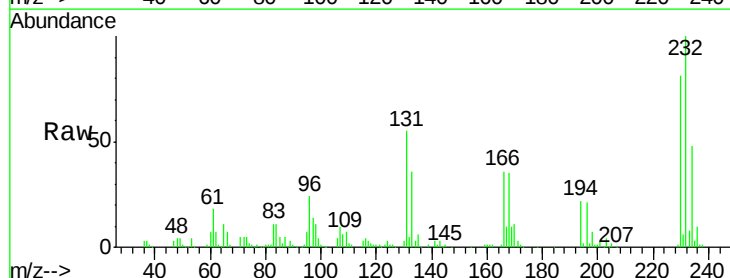
Ion Ratio Lower Upper

232 100

131 54.7 44.9 67.3

130 2.7 2.3 3.5

166 33.7 28.1 42.1

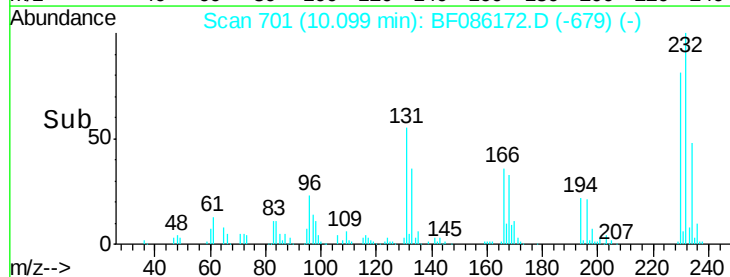
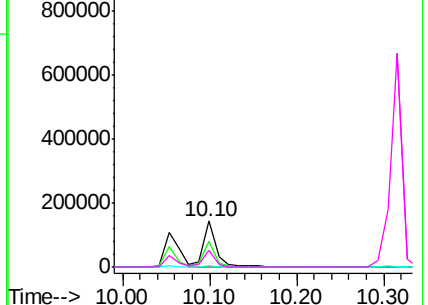


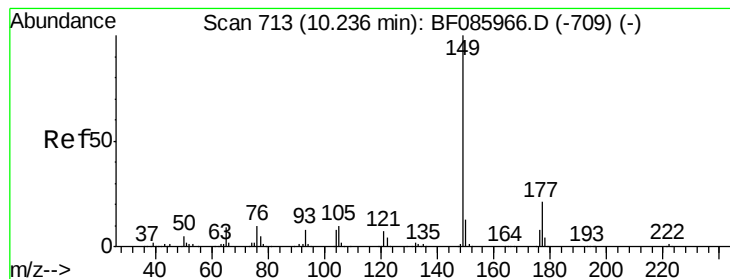
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.57 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

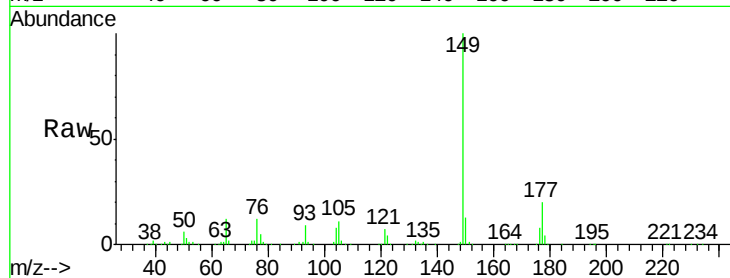
Tgt Ion:149 Resp: 638794

Ion Ratio Lower Upper

149 100

177 19.5 17.9 26.9

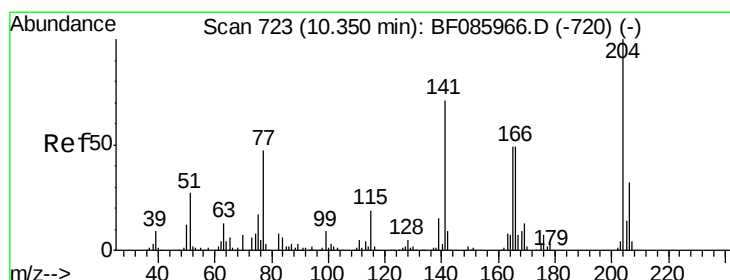
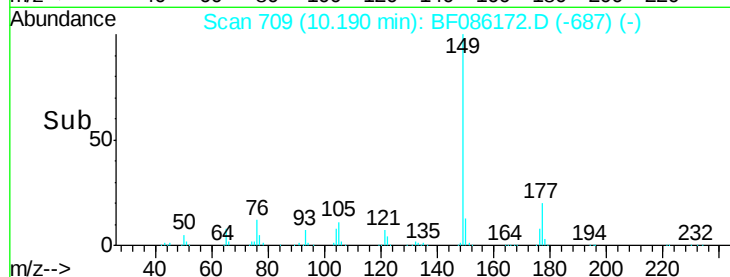
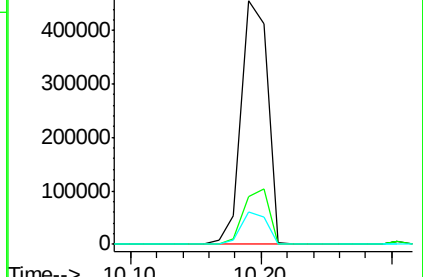
150 13.1 10.2 15.2



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: 36.83 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

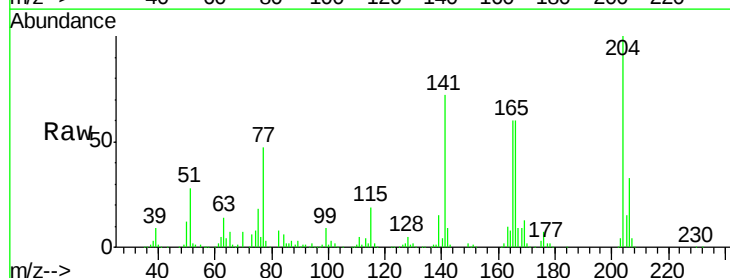
Tgt Ion:204 Resp: 269100

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

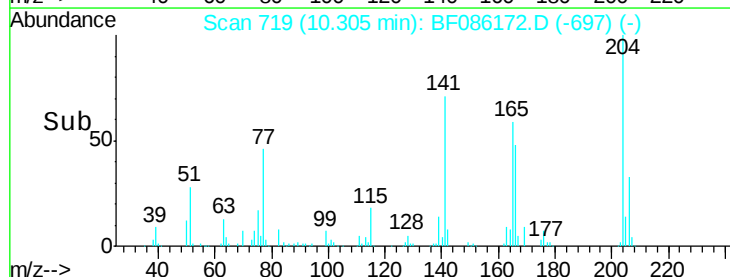
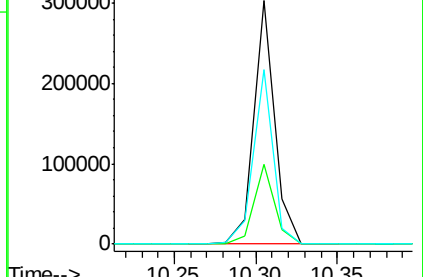
141 71.8 57.4 86.0

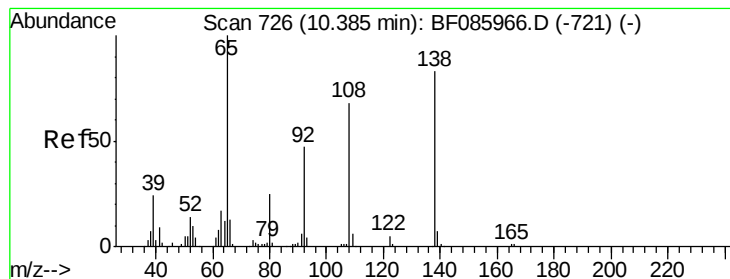


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.53 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

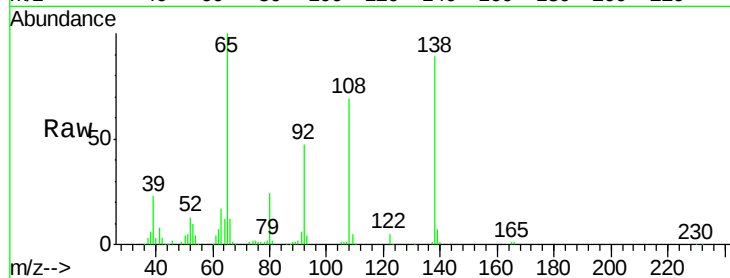
Tgt Ion:138 Resp: 141380

Ion Ratio Lower Upper

138 100

92 53.0 26.4 66.4

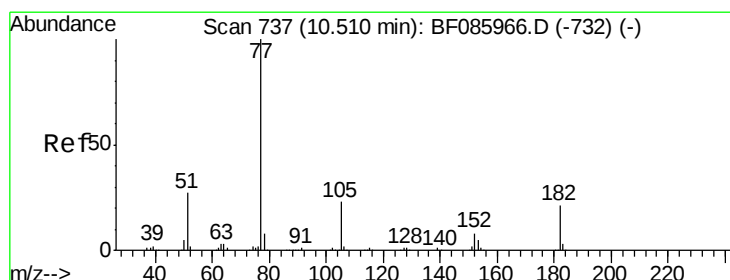
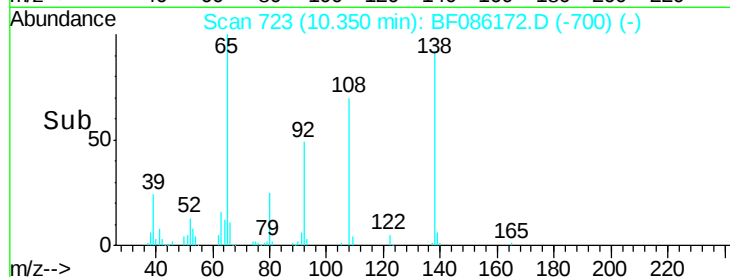
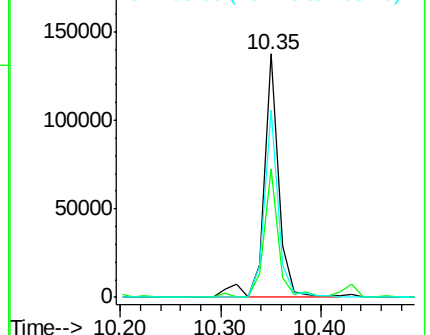
108 77.1 49.0 89.0



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: 41.05 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion: 77 Resp: 686792

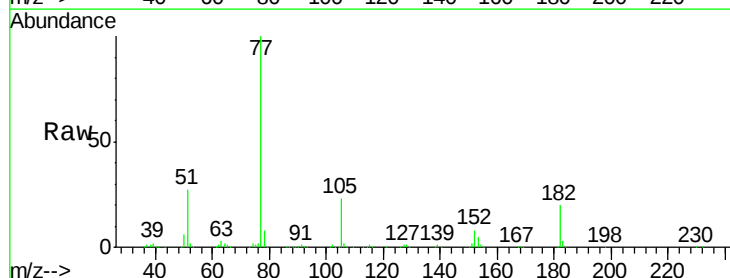
Ion Ratio Lower Upper

77 100

182 20.0 1.9 41.9

105 22.9 3.5 43.5

51 26.6 6.3 46.3

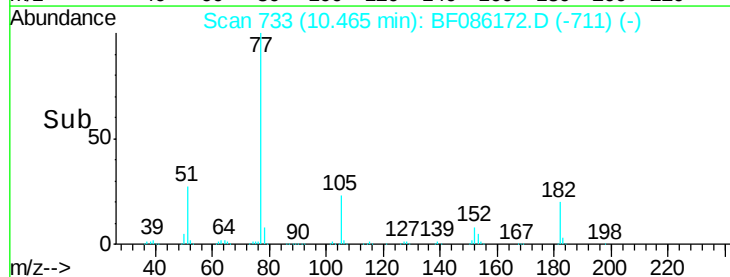
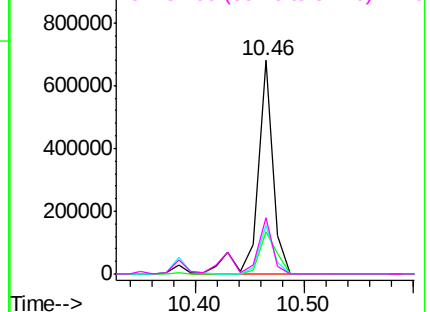


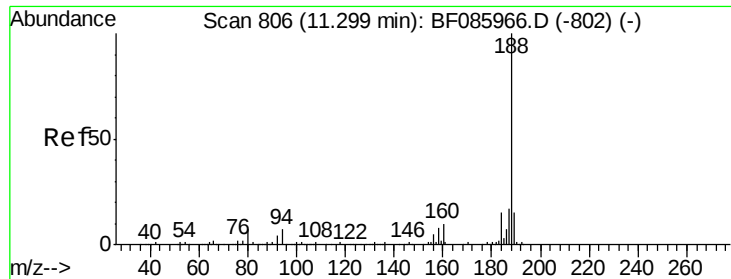
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

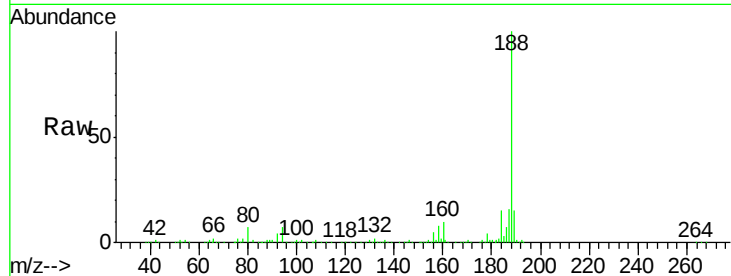




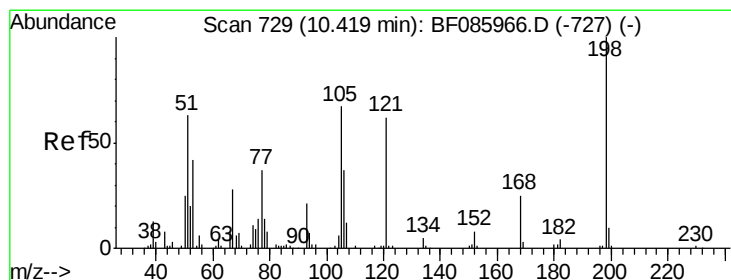
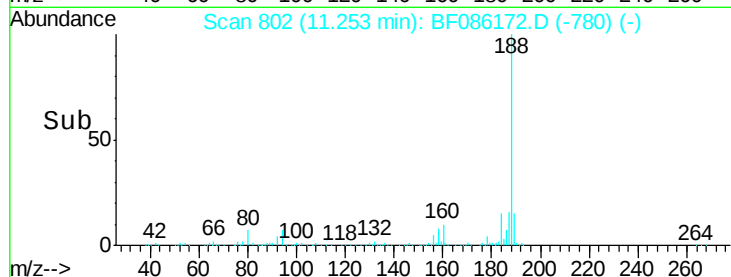
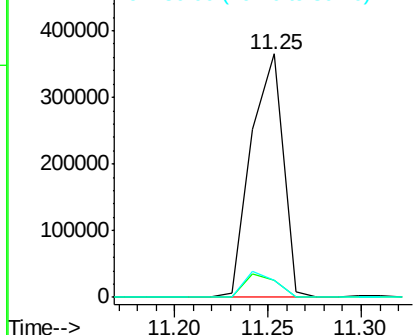
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tgt Ion:188 Resp: 435255
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 7.1 5.5 8.3

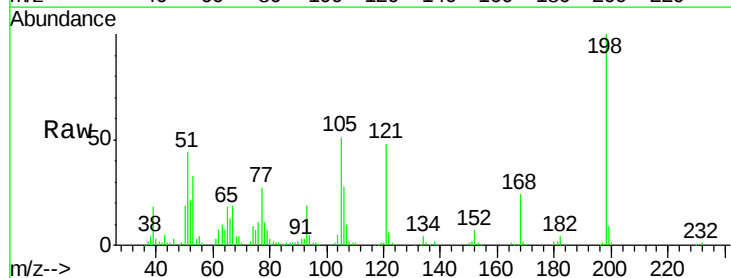


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

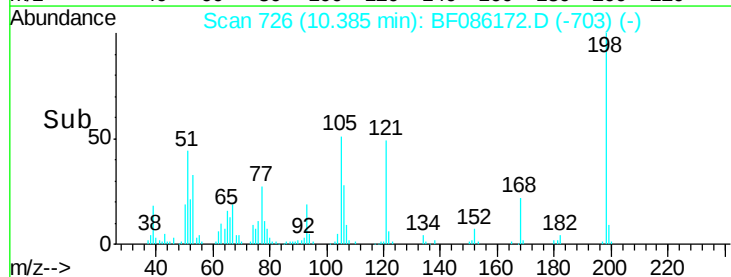
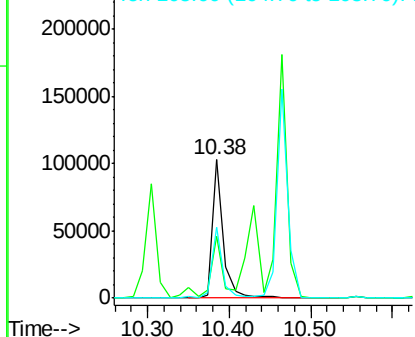


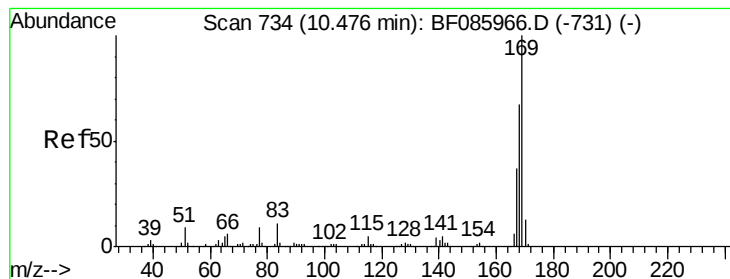
#64
4,6-Dinitro-2-methylphenol
Concen: 37.25 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion:198 Resp: 98252
Ion Ratio Lower Upper
198 100
51 44.4 45.4 85.4#
105 51.0 45.9 85.9



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: 39.04 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

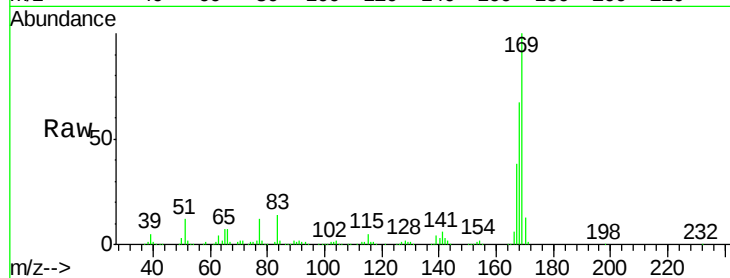
Tgt Ion:169 Resp: 531453

Ion Ratio Lower Upper

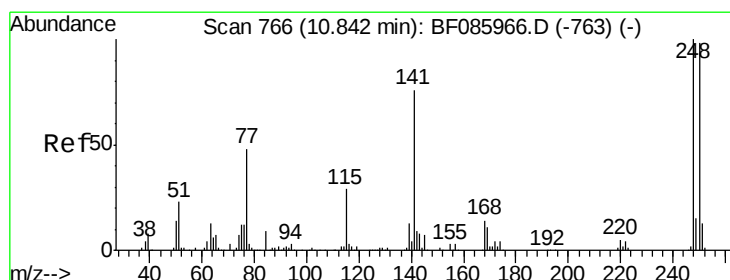
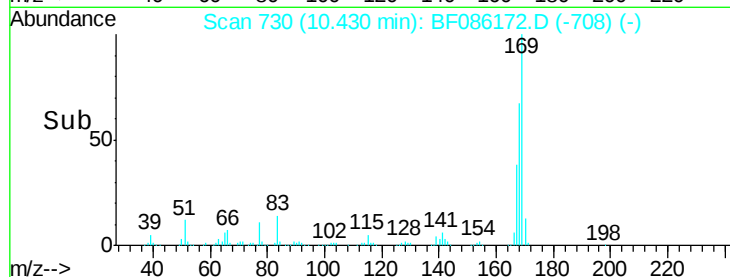
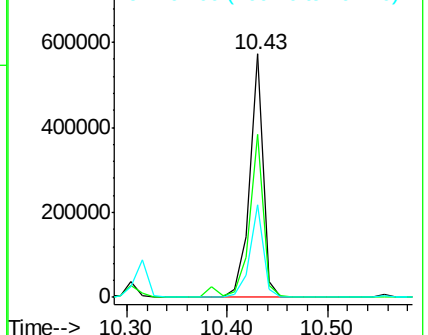
169 100

168 66.7 54.4 81.6

167 37.8 29.4 44.0



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: 41.36 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

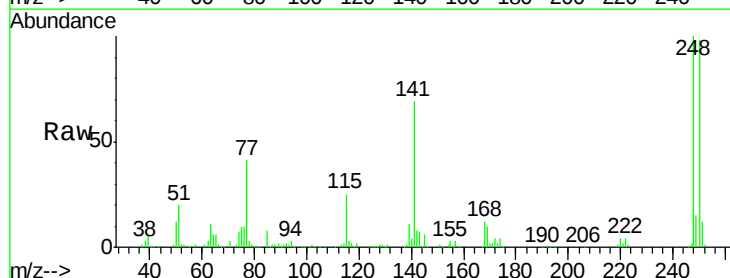
Tgt Ion:248 Resp: 183788

Ion Ratio Lower Upper

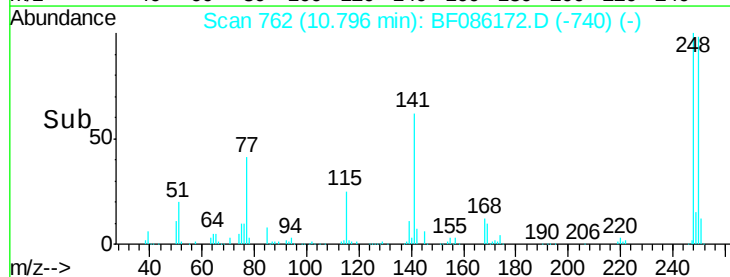
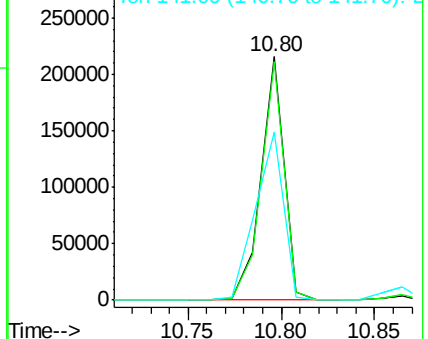
248 100

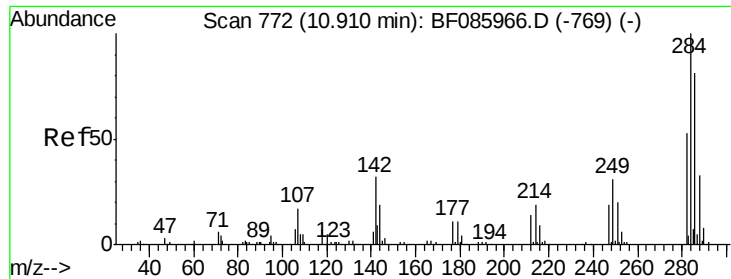
250 98.2 77.4 116.0

141 69.0 63.6 95.4



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

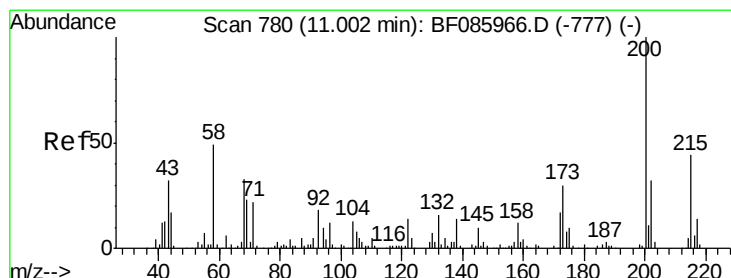
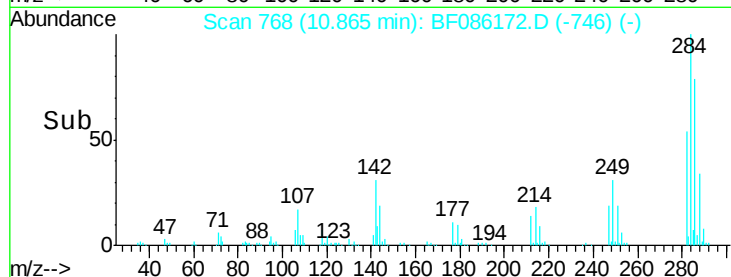
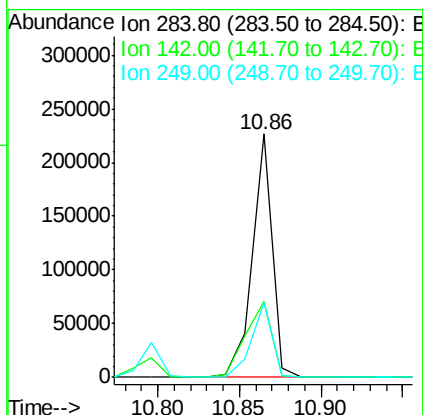
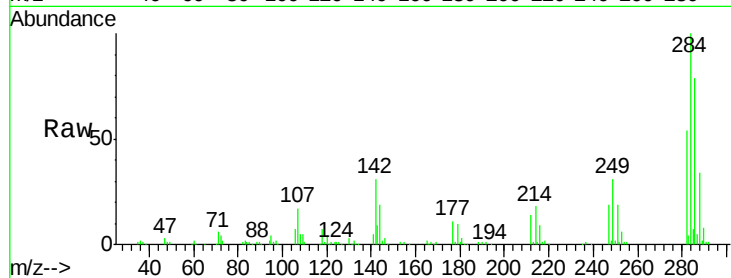




#67
Hexachlorobenzene
Concen: 41.66 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

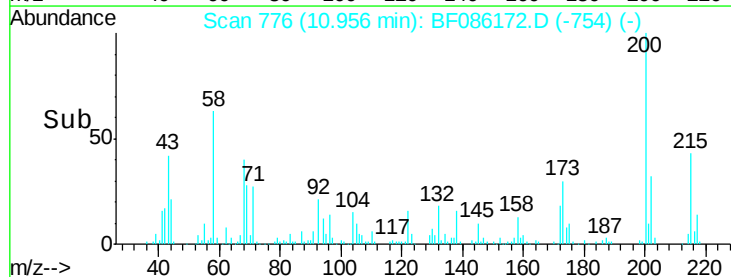
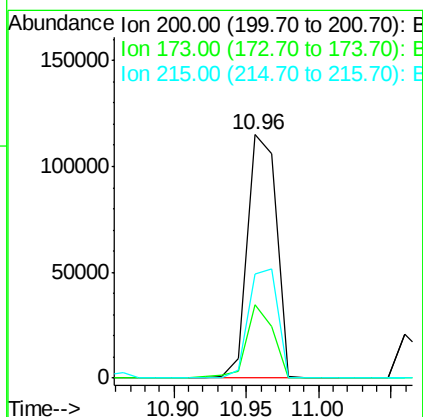
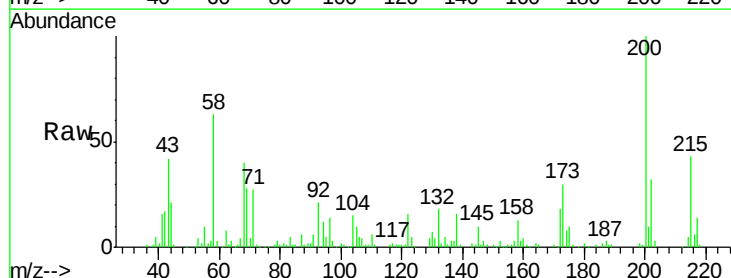
Instrument :
BNA_F
ClientSampleId :
PB89669TB

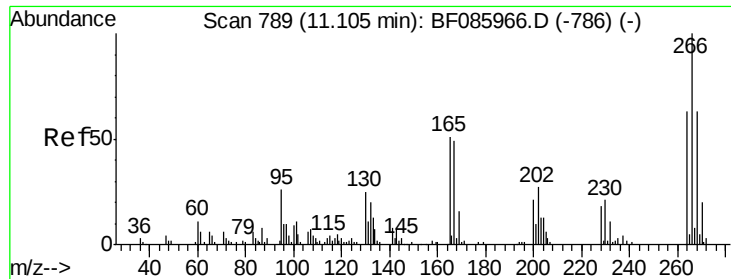
Tgt Ion: 284 Resp: 191430
Ion Ratio Lower Upper
284 100
142 31.4 23.1 34.7
249 30.7 24.2 36.2



#68
Atrazine
Concen: 36.23 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion: 200 Resp: 159359
Ion Ratio Lower Upper
200 100
173 29.9 7.7 47.7
215 42.9 25.4 65.4

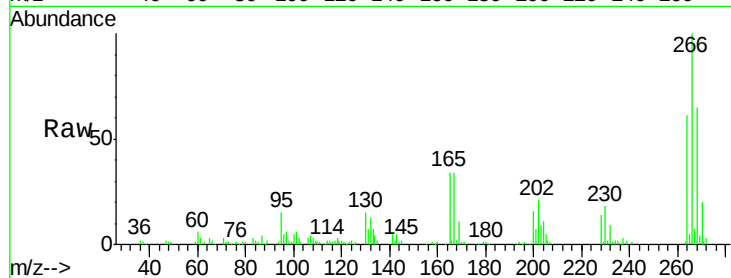




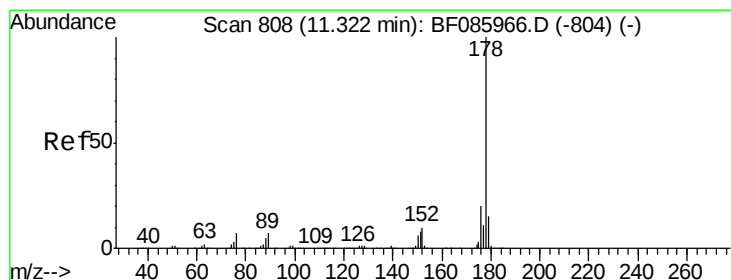
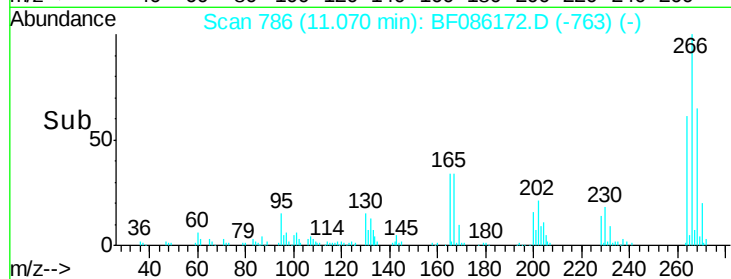
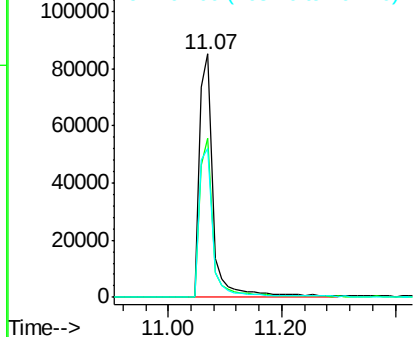
#69
 Pentachlorophenol
 Concen: 65.04 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tgt Ion:266 Resp: 140064
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.5 77.3
 264 61.2 50.6 76.0

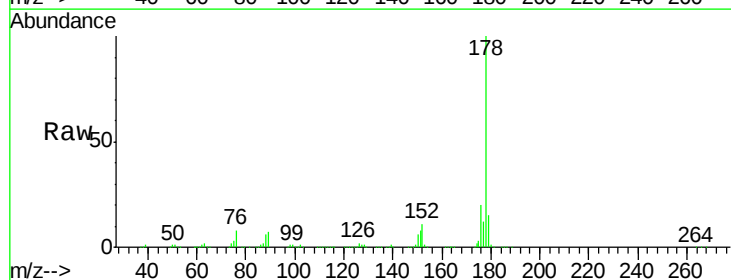


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

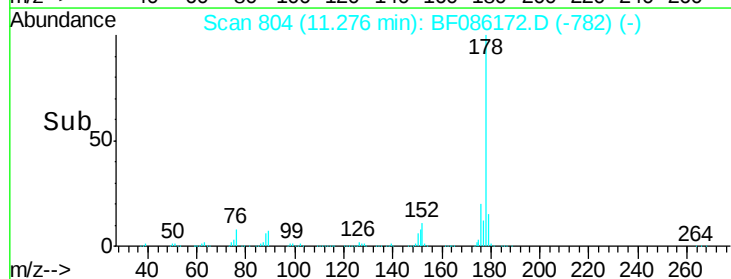
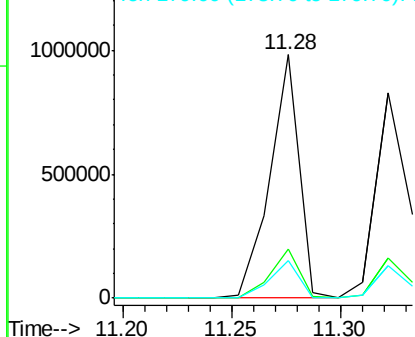


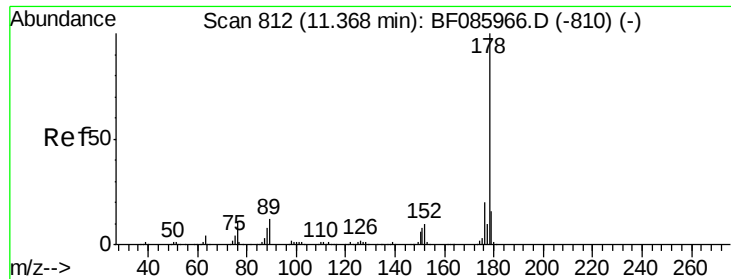
#70
 Phenanthrene
 Concen: 39.06 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:178 Resp: 927533
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.4 12.6 18.8



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

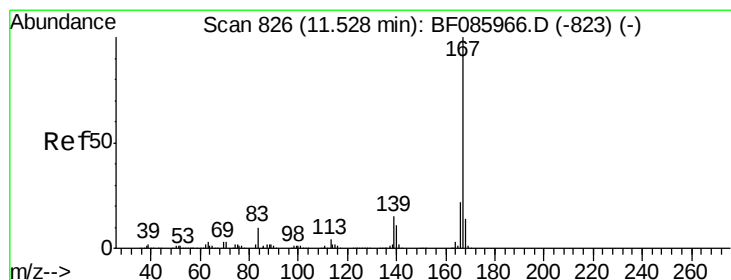
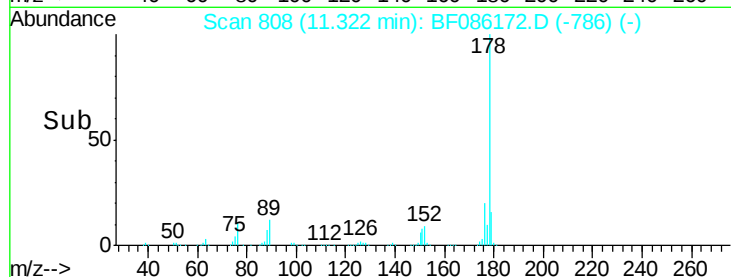
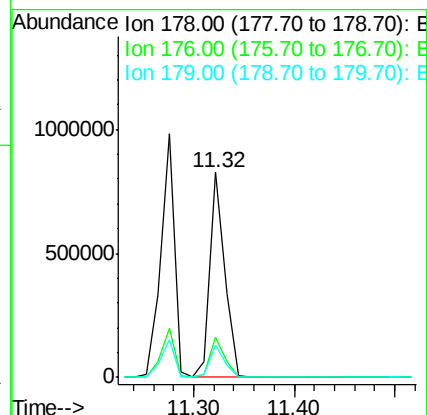
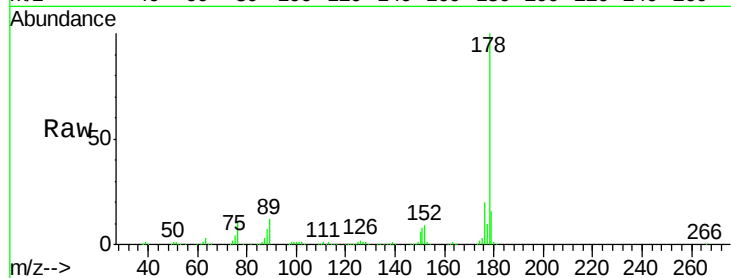




#71
 Anthracene
 Concen: 34.41 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

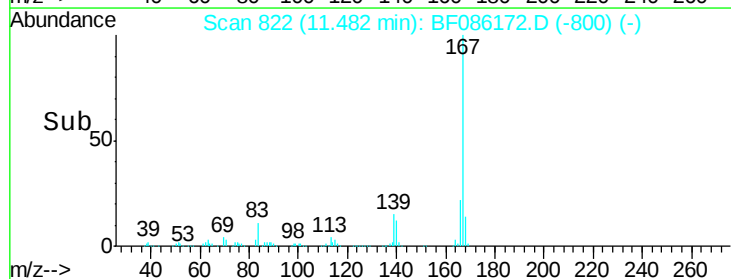
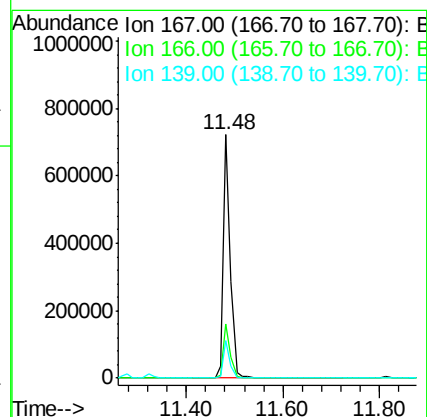
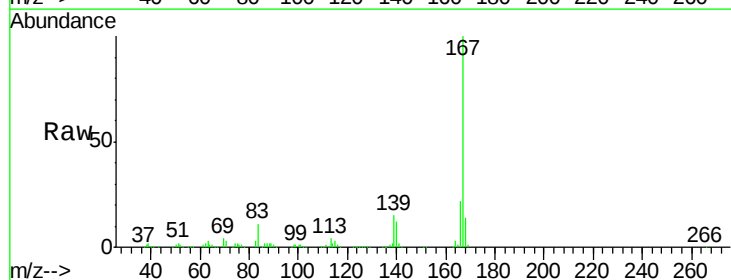
Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

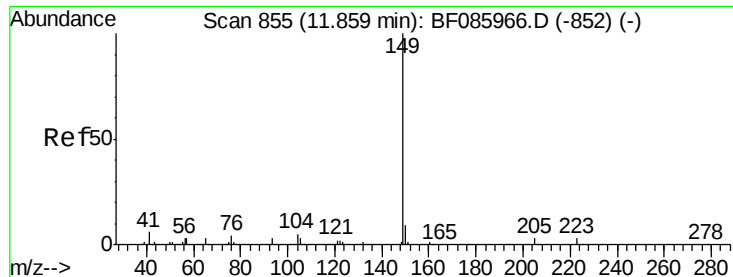
Tgt Ion:178 Resp: 855926
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.1 13.0 19.4



#72
 Carbazole
 Concen: 34.78 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:167 Resp: 743558
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 15.3 11.6 17.4





#73

Di-n-butylphthalate

Concen: 38.23 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

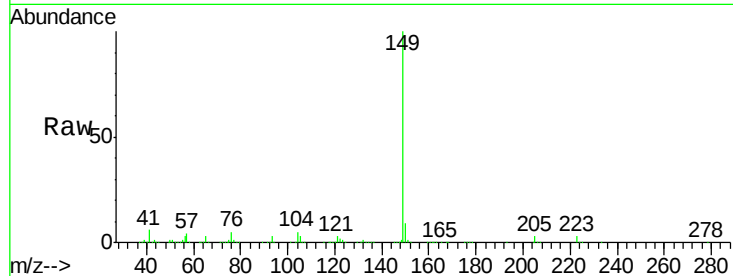
Tgt Ion:149 Resp: 1012979

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

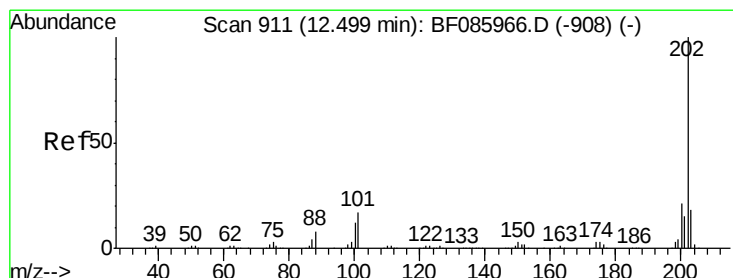
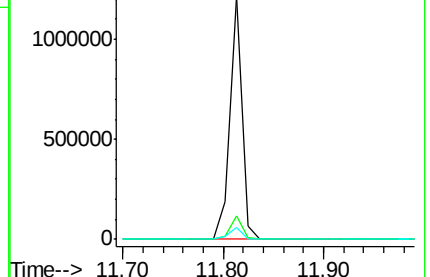
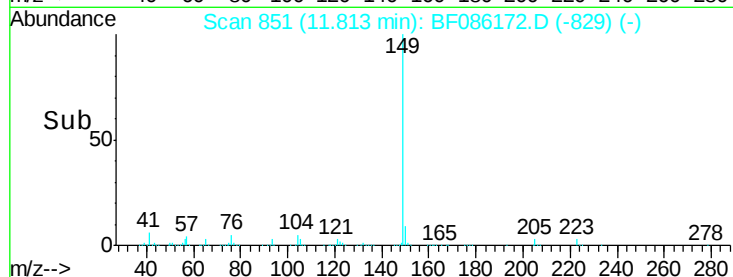
104 5.0 3.8 5.8



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: 34.82 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

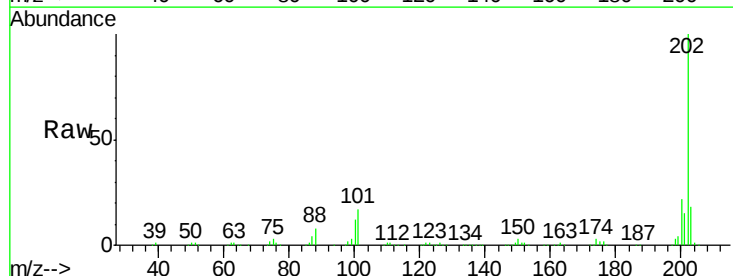
Tgt Ion:202 Resp: 859917

Ion Ratio Lower Upper

202 100

101 16.8 0.0 36.6

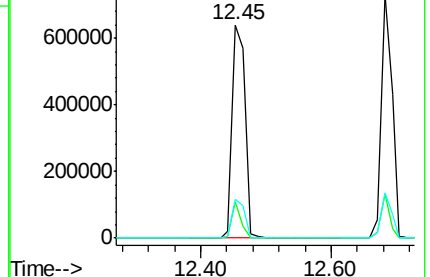
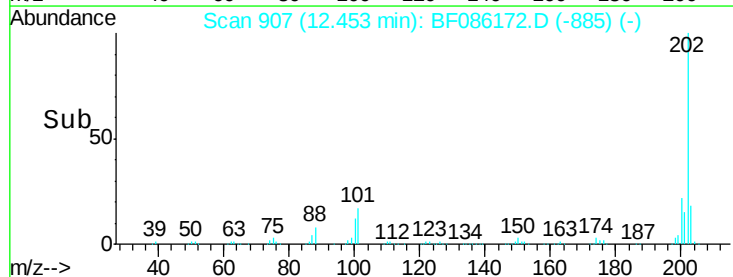
203 18.3 0.0 38.1

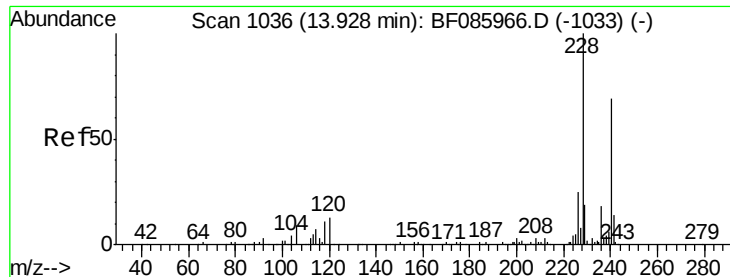


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

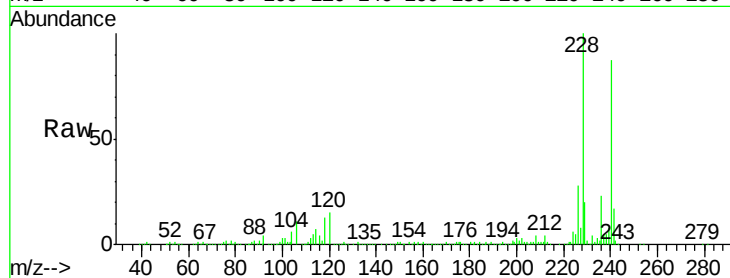
Tgt Ion:240 Resp: 312473

Ion Ratio Lower Upper

240 100

120 17.4 13.8 20.8

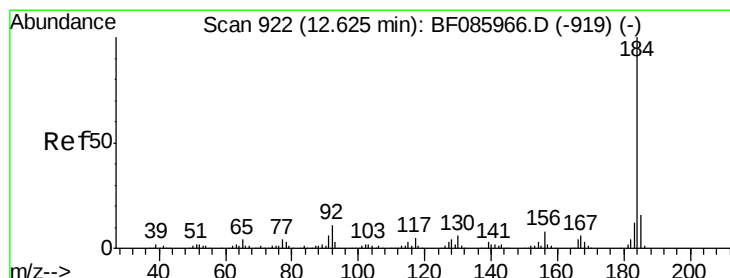
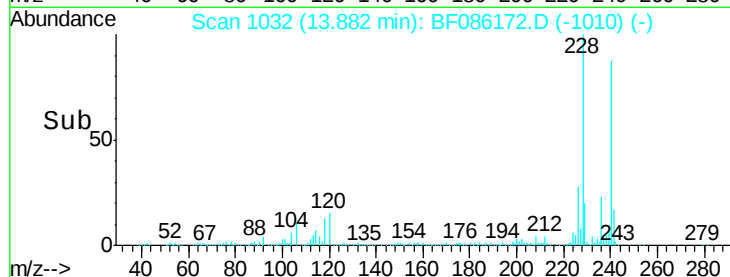
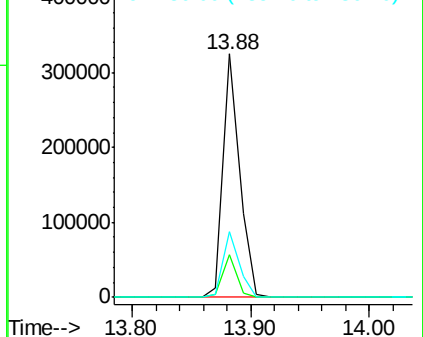
236 26.8 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.41 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

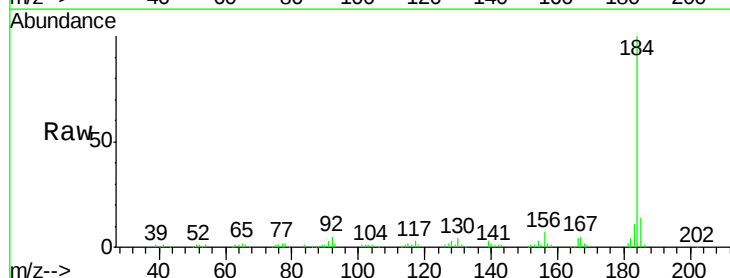
Tgt Ion:184 Resp: 147830

Ion Ratio Lower Upper

184 100

185 14.1 12.4 18.6

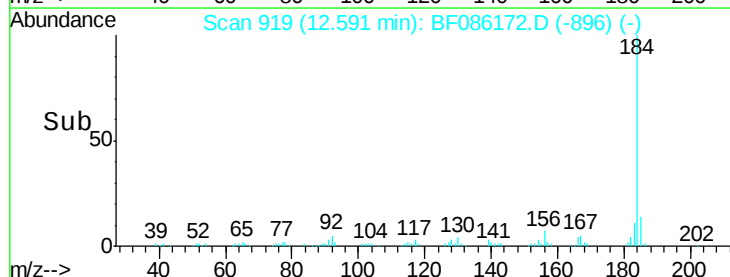
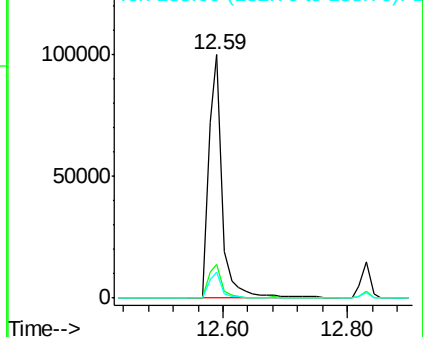
183 10.9 9.4 14.2

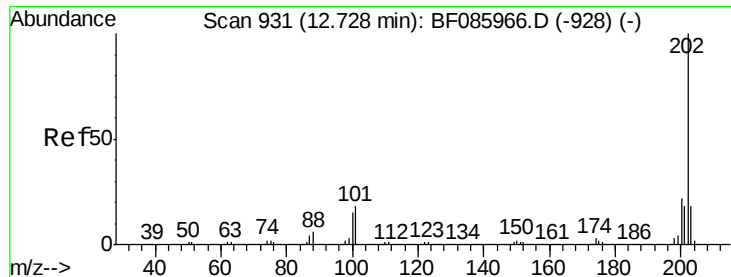


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

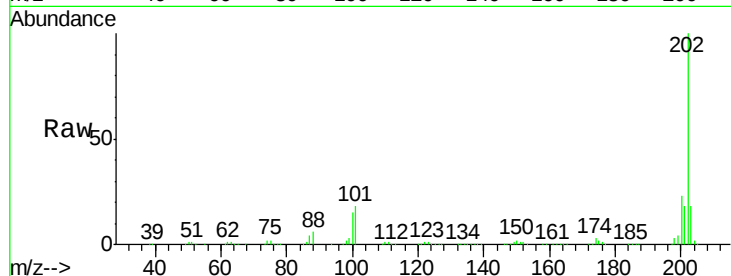




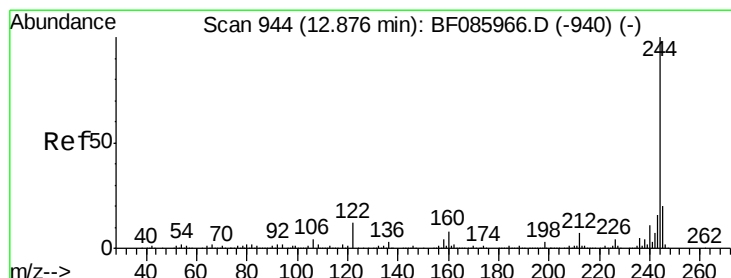
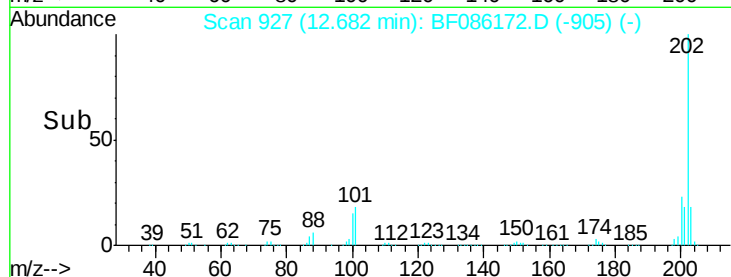
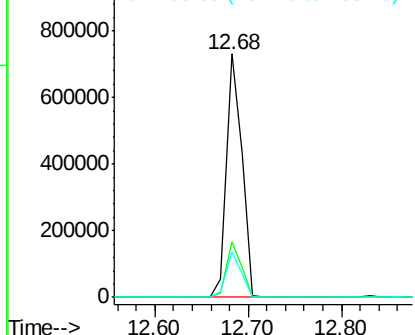
#77
Pyrene
 Concen: 38.44 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tgt Ion: 202 Resp: 846502
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.6 26.4
 203 18.5 14.0 21.0

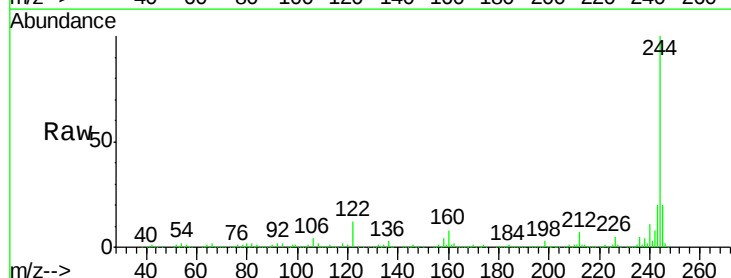


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

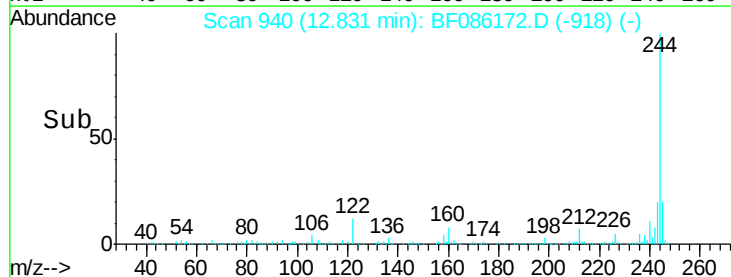
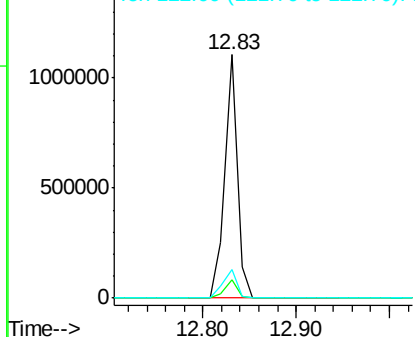


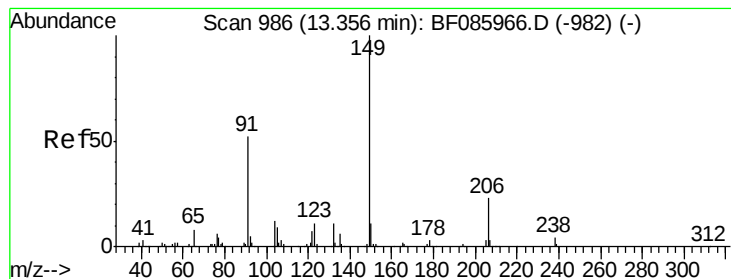
#78
Terphenyl-d14
 Concen: 78.00 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion: 244 Resp: 1036822
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.6 10.2 15.4



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: 42.97 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

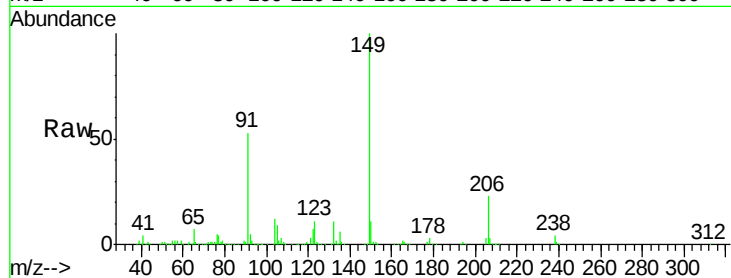
Tgt Ion:149 Resp: 426080

Ion Ratio Lower Upper

149 100

91 52.8 45.8 68.8

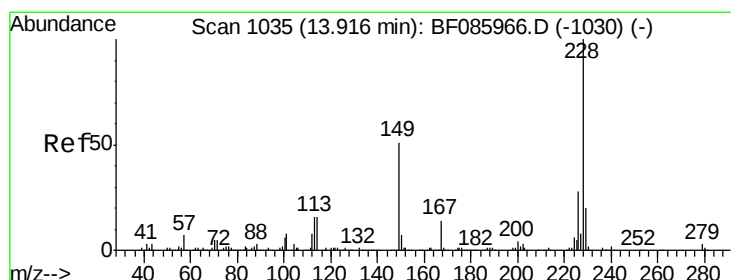
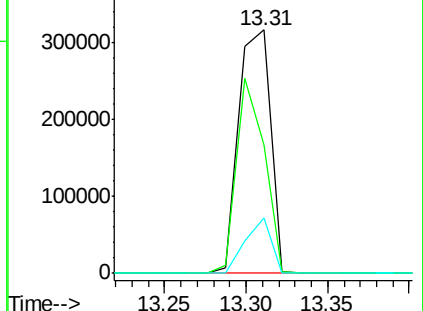
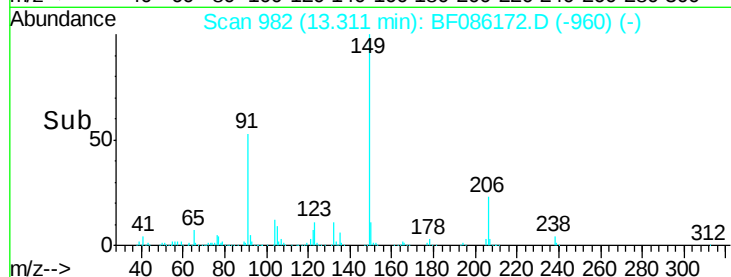
206 22.7 17.8 26.8



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: 38.91 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

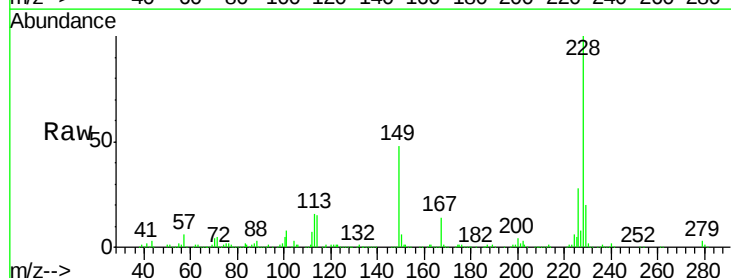
Tgt Ion:228 Resp: 716768

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

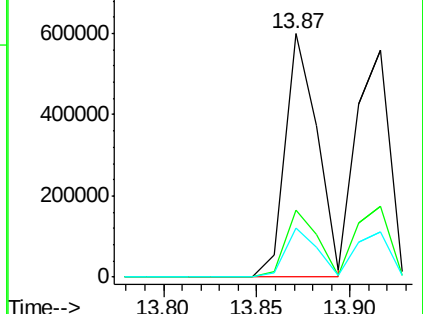
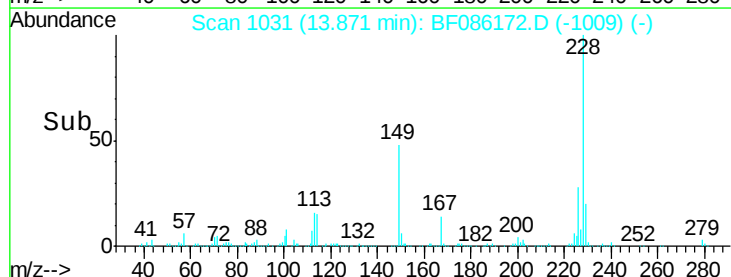
229 20.0 16.2 24.4

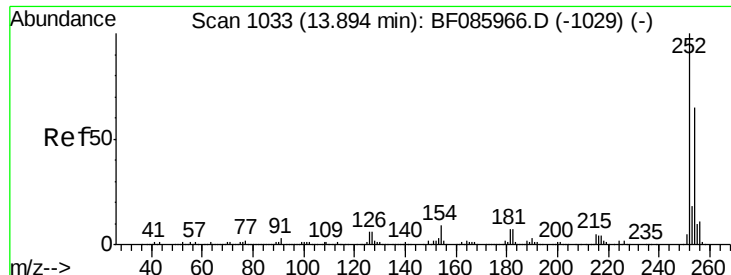


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

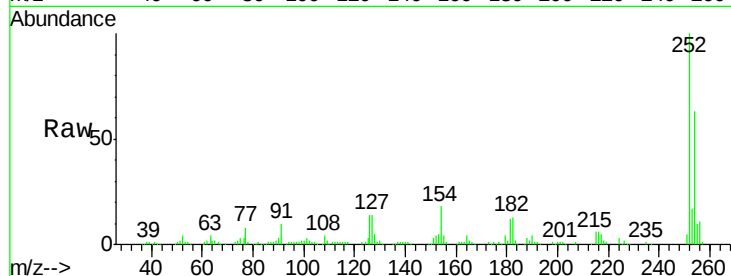




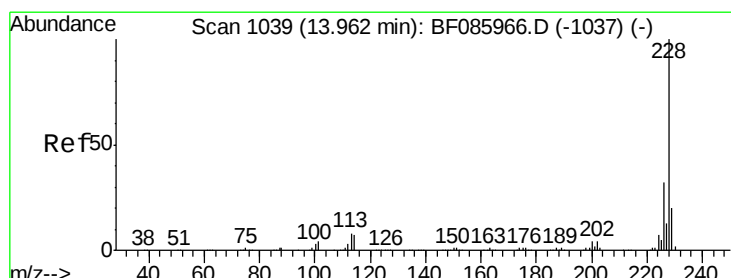
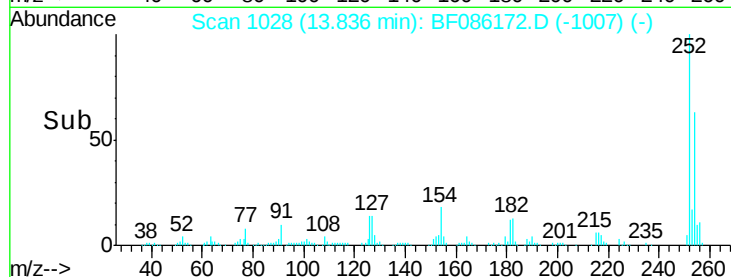
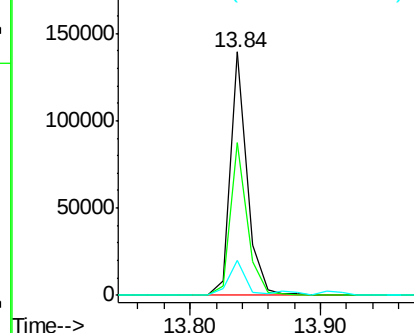
#81
 3,3'-Dichlorobenzidine
 Concen: 9.27 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tgt Ion: 252 Resp: 124658
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.7 76.1
 126 14.5 11.8 17.6

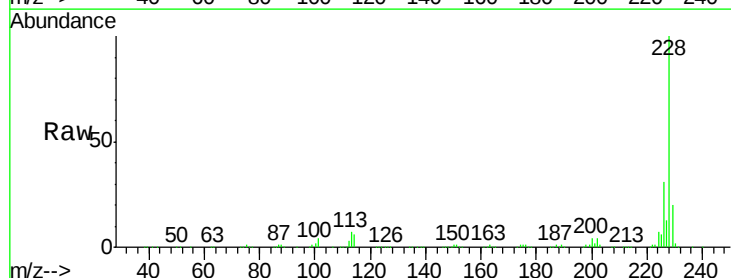


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

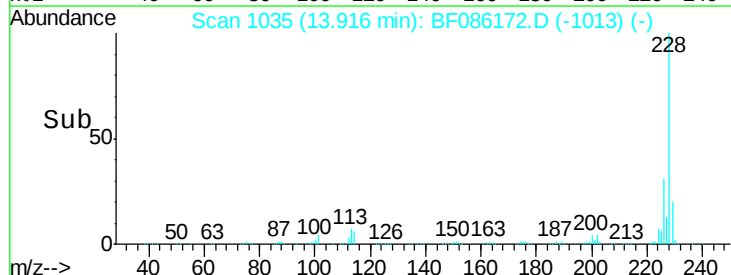
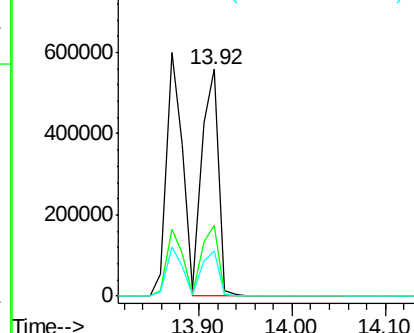


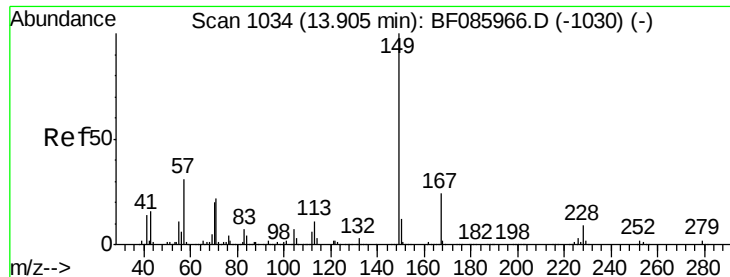
#82
 Chrysene
 Concen: 39.02 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion: 228 Resp: 692264
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 19.8 15.7 23.5



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: 41.60 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

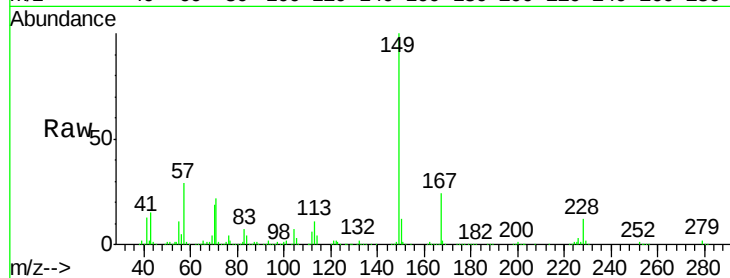
Tgt Ion:149 Resp: 547467

Ion Ratio Lower Upper

149 100

167 24.0 19.4 29.2

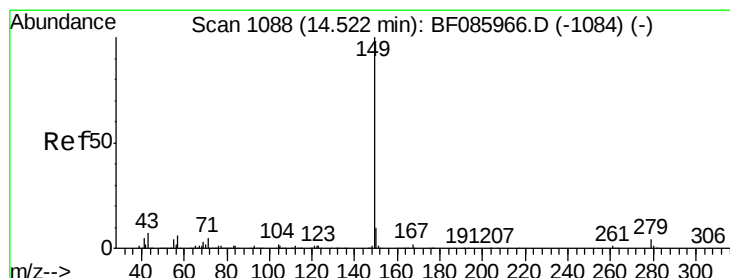
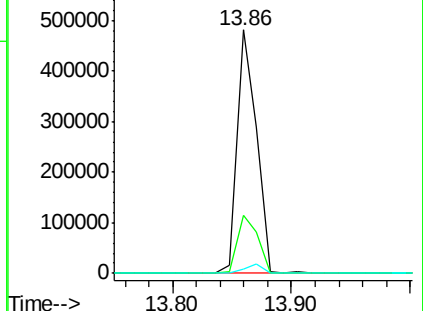
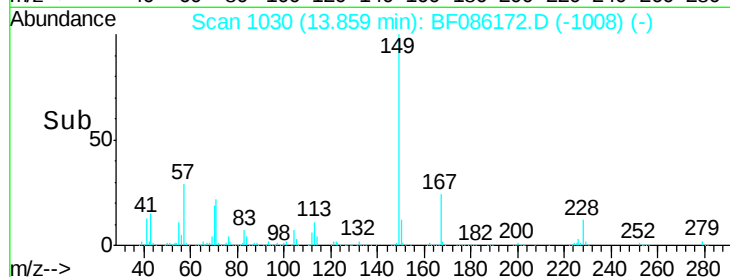
279 1.9 1.5 2.3



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: 46.25 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

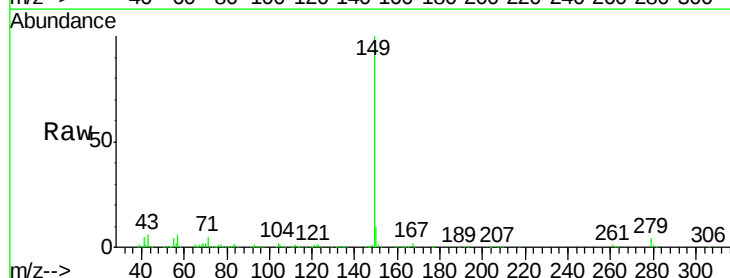
Tgt Ion:149 Resp: 971826

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

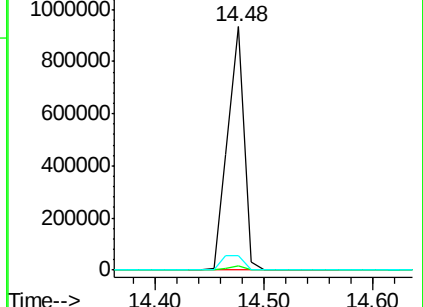
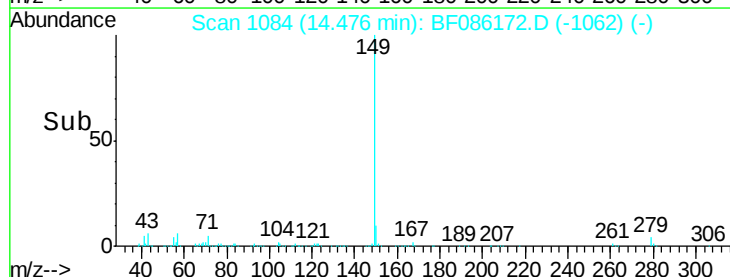
43 8.1 7.1 10.7

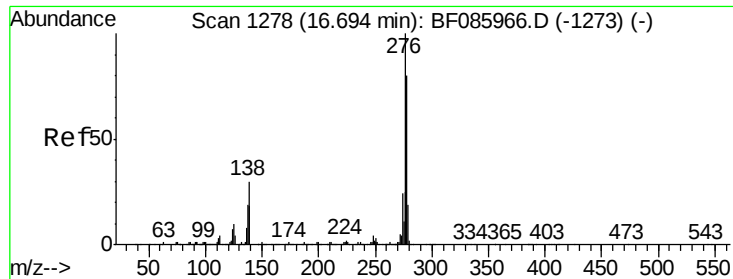


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

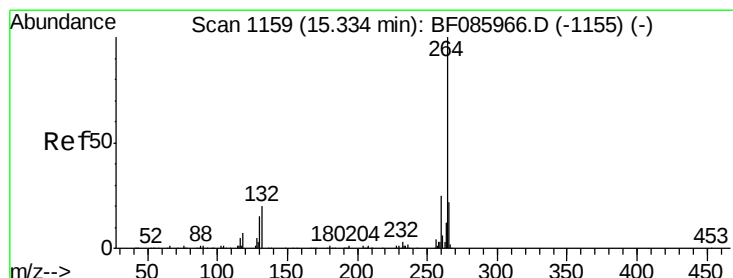
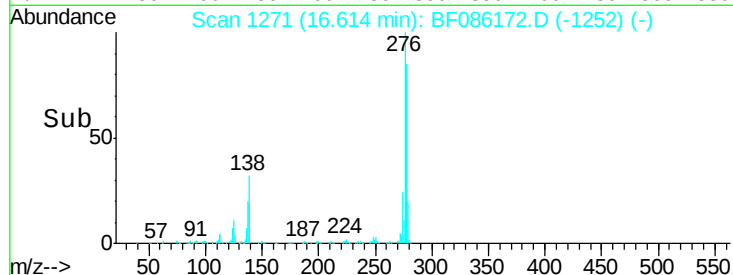
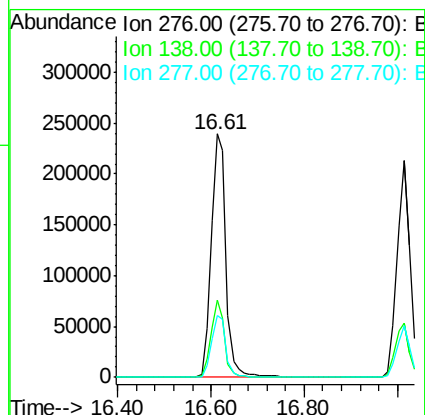
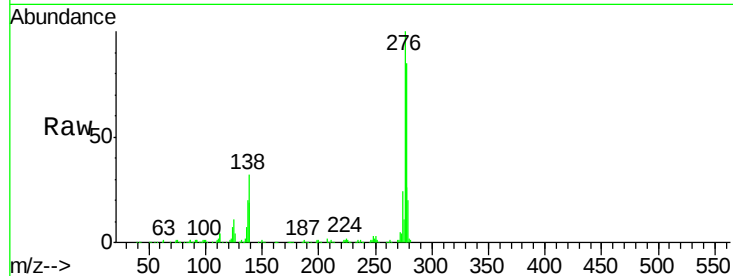




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.90 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. -0.08 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

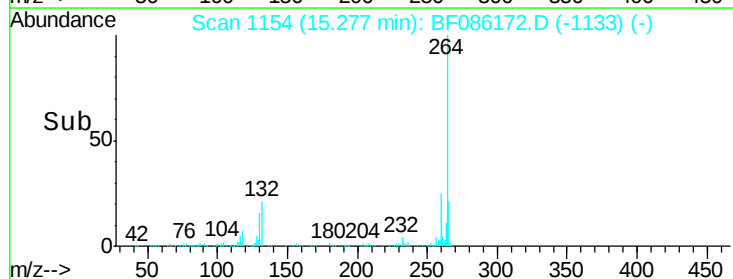
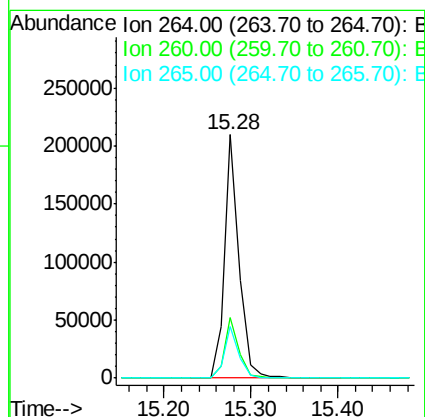
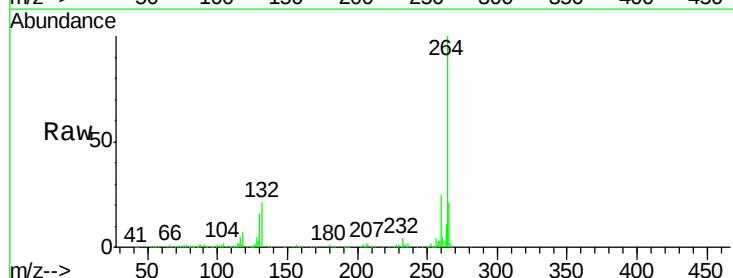
Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

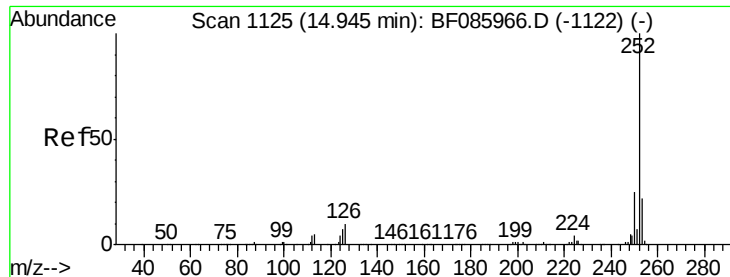
Tgt Ion: 276 Resp: 531177
 Ion Ratio Lower Upper
 276 100
 138 29.4 24.2 36.4
 277 25.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion: 264 Resp: 246573
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 21.2 17.2 25.8

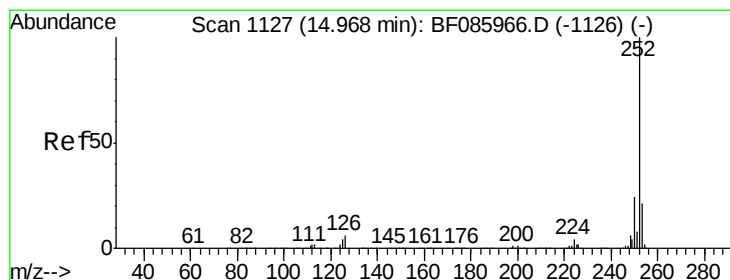
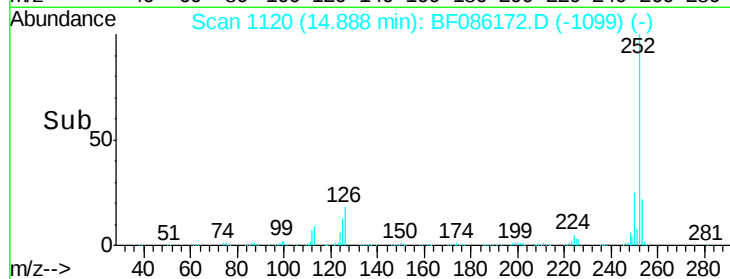
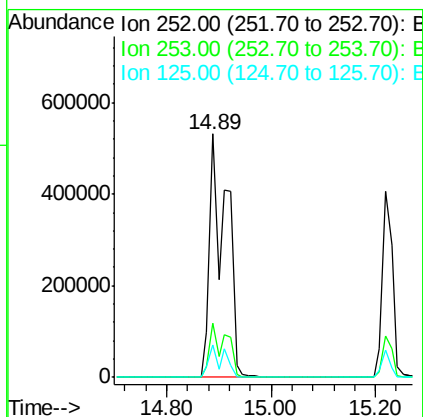
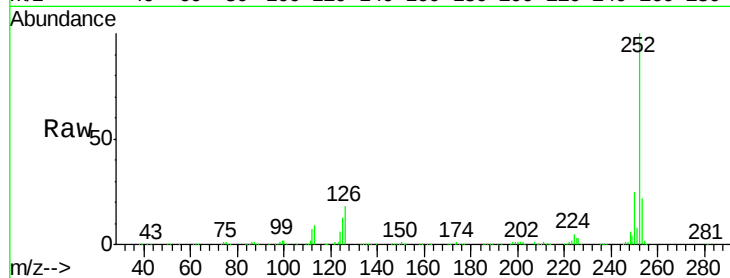




#87
Benzo(b)fluoranthene
Concen: 75.73 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

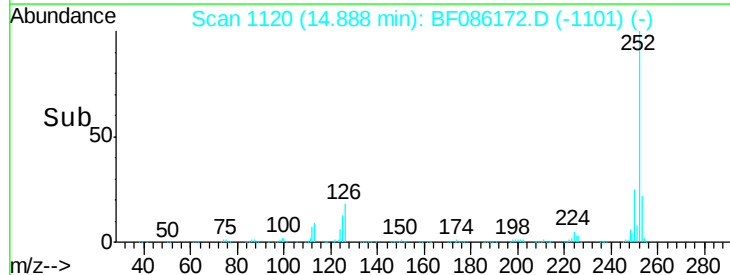
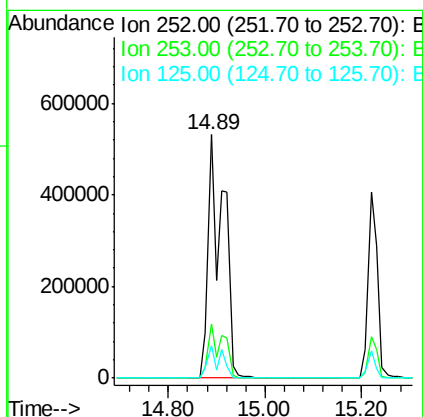
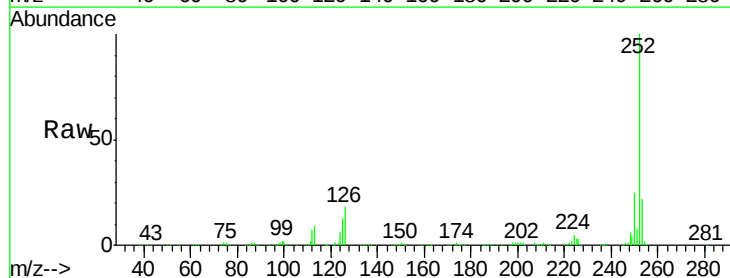
Instrument :
BNA_F
ClientSampleId :
PB89669TB

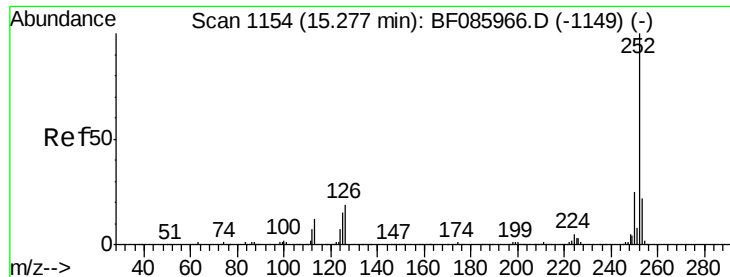
Tgt Ion:252 Resp: 1174577
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 13.1 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 85.53 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion:252 Resp: 1174783
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 13.1 7.7 11.5#

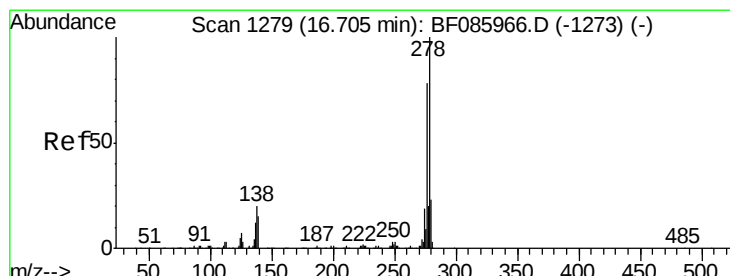
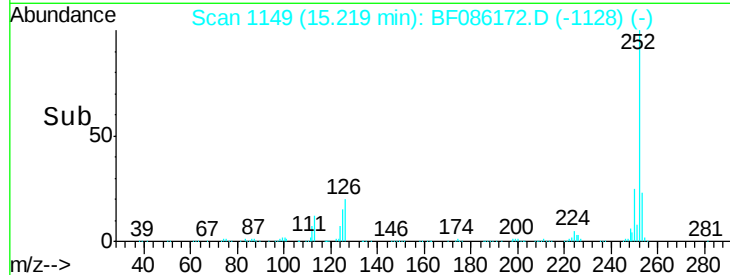
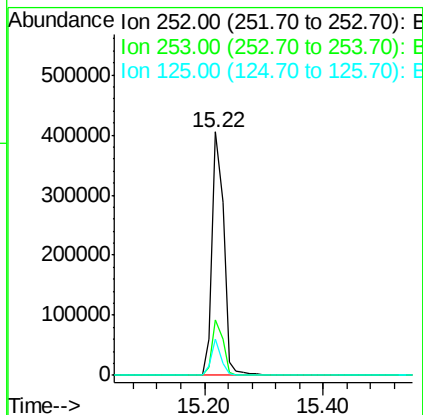
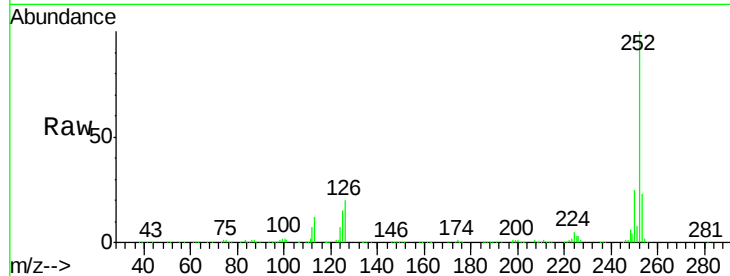




#89
Benzo(a)pyrene
Concen: 40.03 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

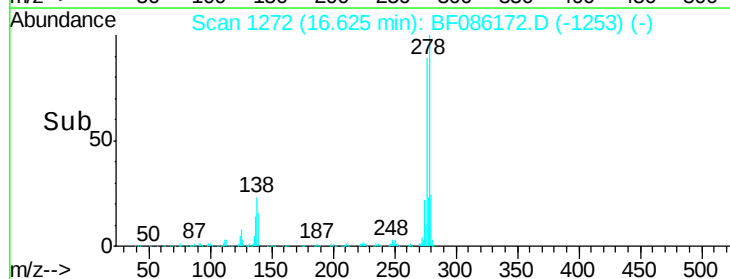
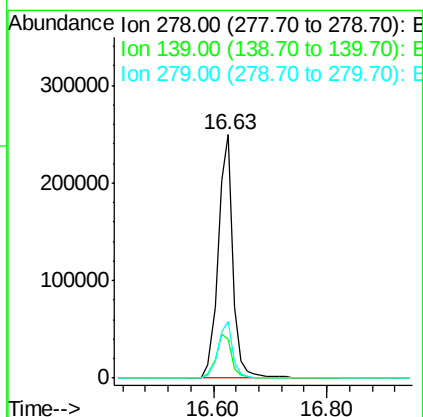
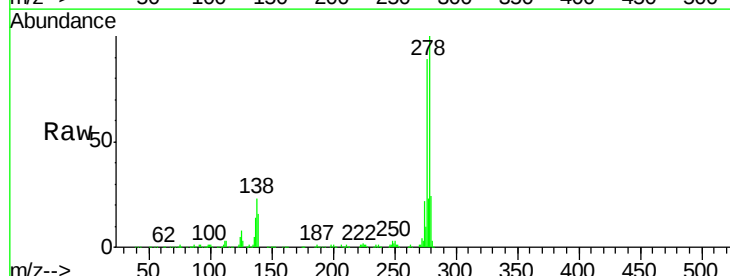
Instrument :
BNA_F
ClientSampleId :
PB89669TB

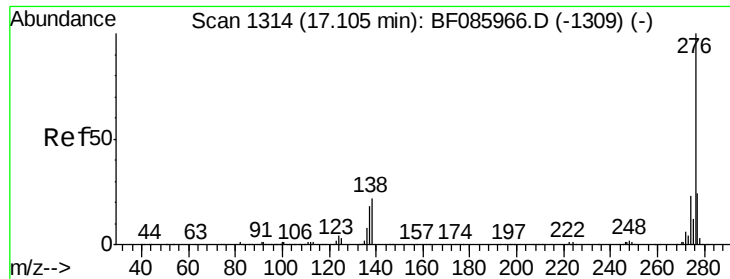
Tgt Ion: 252 Resp: 550105
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 14.9 10.3 15.5



#90
Dibenzo(a,h)anthracene
Concen: 40.62 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion: 278 Resp: 449125
Ion Ratio Lower Upper
278 100
139 16.2 14.4 21.6
279 23.6 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 40.81 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.09 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

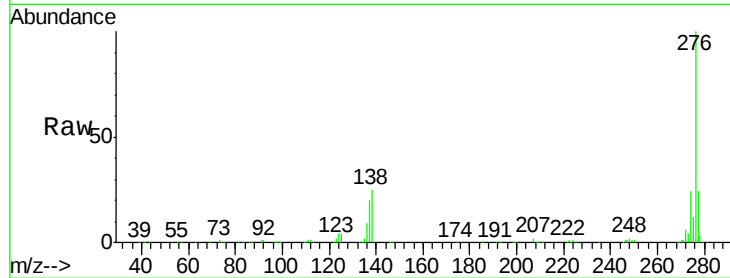
Tgt Ion:276 Resp: 436681

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 24.9 22.6 34.0



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

