

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086164.D
 Acq On : 8 Apr 2016 13:17
 Operator : UM/SJ
 Sample : PB89567BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Quant Time: Apr 08 23:14:15 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	110789	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	444608	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	213051	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	382346	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	278252	20.00	ng	-0.05
86) Perylene-d12	15.28	264	241261	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	722031	111.40	ng	-0.03
7) Phenol-d6	6.38	99	953604	115.83	ng	-0.03
23) Nitrobenzene-d5	7.30	82	573874	76.12	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	221584	110.81	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1078593	84.18	ng	-0.05
78) Terphenyl-d14	12.83	244	916095	77.39	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	99456	32.37	ng	99
3) Pyridine	3.02	79	235469	34.23	ng	99
4) n-Nitrosodimethylamine	2.97	42	117507	38.84	ng	98
6) Aniline	6.40	93	175181	16.22	ng	# 1
8) 2-Chlorophenol	6.51	128	285432	36.93	ng	88
9) Benzaldehyde	6.28	77	93778	21.17	ng	88
10) Phenol	6.40	94	386718	41.18	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	266702	35.86	ng	94
12) 1,3-Dichlorobenzene	6.67	146	297993	36.37	ng	99
13) 1,4-Dichlorobenzene	6.74	146	307537	36.44	ng	99
14) 1,2-Dichlorobenzene	6.90	146	290189	37.35	ng	99
15) Benzyl Alcohol	6.89	79	226516	42.53	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	315339	34.71	ng	74
17) 2-Methylphenol	7.00	107	240718	39.50	ng	96
18) Hexachloroethane	7.23	117	110669	35.65	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	193059	37.83	ng	96
20) 3+4-Methylphenols	7.16	107	318273	42.94	ng	# 61
22) Acetophenone	7.15	105	401247	38.39	ng	# 89
24) Nitrobenzene	7.32	77	315121	38.21	ng	# 87
25) Isophorone	7.56	82	574844	38.63	ng	96
26) 2-Nitrophenol	7.64	139	161189	40.85	ng	91
27) 2,4-Dimethylphenol	7.69	122	293816	41.45	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	339524	38.88	ng	99
29) 2,4-Dichlorophenol	7.88	162	239753	40.01	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	259439	38.57	ng	95
31) Naphthalene	8.03	128	830198	37.12	ng	99
32) Benzoic acid	7.82	122	135535	26.07	ng	99
33) 4-Chloroaniline	8.10	127	103001	11.40	ng	99
34) Hexachlorobutadiene	8.16	225	136279	37.69	ng	98
35) Caprolactam	8.46	113	55524	29.21	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	260289	38.64	ng	97
37) 2-Methylnaphthalene	8.73	142	563321	38.56	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	238810	37.29	ng	99
40) Hexachlorocyclopentadiene	8.88	237	134022	63.40	ng	99

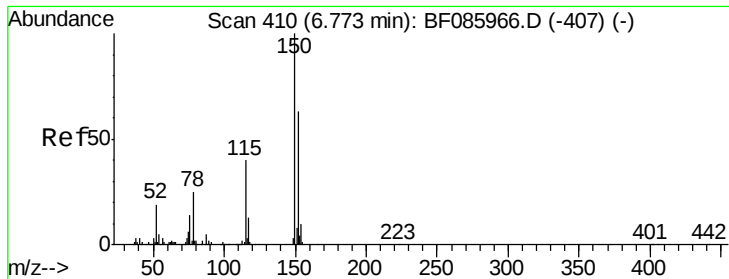
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	154106	37.48	ng	99
43) 2,4,5-Trichlorophenol	9.06	196	160713	38.50	ng	# 85
45) 1,1'-Biphenyl	9.20	154	683017	37.18	ng	95
46) 2-Chloronaphthalene	9.22	162	517243	38.84	ng	98
47) 2-Nitroaniline	9.32	65	155998	40.04	ng	99
48) Acenaphthylene	9.63	152	811066	38.02	ng	99
49) Dimethylphthalate	9.50	163	613944	38.88	ng	98
50) 2,6-Dinitrotoluene	9.56	165	119329	35.72	ng	95
51) Acenaphthene	9.80	154	489259	38.57	ng	99
52) 3-Nitroaniline	9.73	138	71842	17.84	ng	99
53) 2,4-Dinitrophenol	9.86	184	101330	53.66	ng	# 68
54) Dibenzofuran	9.97	168	661633	39.49	ng	98
55) 4-Nitrophenol	9.92	139	144838	61.02	ng	91
56) 2,4-Dinitrotoluene	9.97	165	154716	36.65	ng	# 54
57) Fluorene	10.32	166	550633	38.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	125886	40.50	ng	99
59) Diethylphthalate	10.20	149	573181	35.96	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	235086	35.26	ng	97
61) 4-Nitroaniline	10.35	138	137393	34.65	ng	93
62) Azobenzene	10.46	77	616267	40.37	ng	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	78632	33.94	ng	# 79
65) n-Nitrosodiphenylamine	10.43	169	477821	39.96	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	158772	40.67	ng	98
67) Hexachlorobenzene	10.86	284	163645	40.54	ng	# 92
68) Atrazine	10.97	200	150604	38.98	ng	95
69) Pentachlorophenol	11.07	266	122769	64.89	ng	99
70) Phenanthrene	11.28	178	832498	39.91	ng	99
71) Anthracene	11.32	178	781107	35.75	ng	99
72) Carbazole	11.48	167	691728	36.83	ng	99
73) Di-n-butylphthalate	11.81	149	862867	37.07	ng	100
74) Fluoranthene	12.46	202	804137	37.07	ng	89
76) Benzidine	12.59	184	290549	29.60	ng	97
77) Pyrene	12.68	202	793004	40.44	ng	99
79) Butylbenzylphthalate	13.31	149	401380	45.46	ng	92
80) Benzo(a)anthracene	13.87	228	656851	40.05	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	115750	9.66	ng	99
82) Chrysene	13.92	228	665584	42.13	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	509423	43.47	ng	# 92
84) Di-n-octyl phthalate	14.48	149	874556	46.74	ng	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	492397	38.41	ng	100
87) Benzo(b)fluoranthene	14.92	252	1153432	76.00	ng	# 95
88) Benzo(k)fluoranthene	14.92	252	1153432	85.82	ng	# 98
89) Benzo(a)pyrene	15.23	252	538776	40.07	ng	# 96
90) Dibenzo(a,h)anthracene	16.63	278	413393	38.21	ng	99
91) Benzo(g,h,i)perylene	17.01	276	406814	38.85	ng	99

(#) = 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

Lab File: BF086164.D

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Instrument :

BNA_F

ClientSampled :

PB89567BS

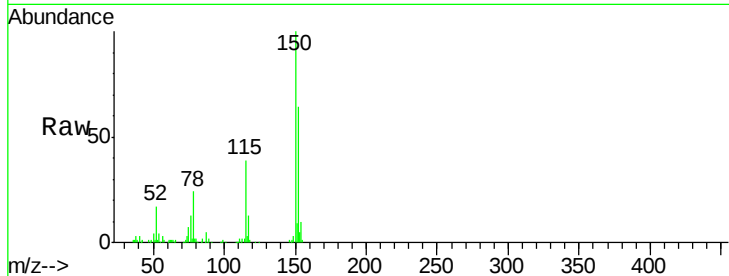
Tgt Ion:152 Resp: 110789

Ion Ratio Lower Upper

152 100

150 155.2 124.2 186.2

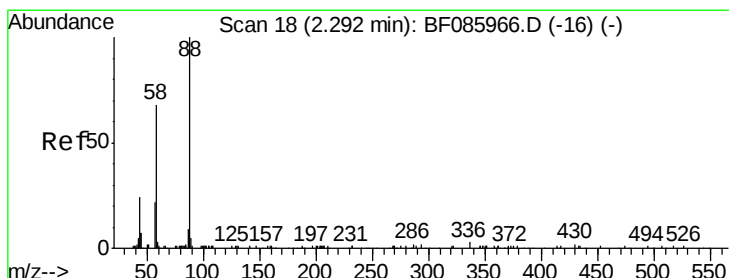
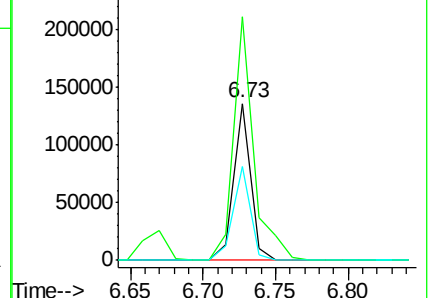
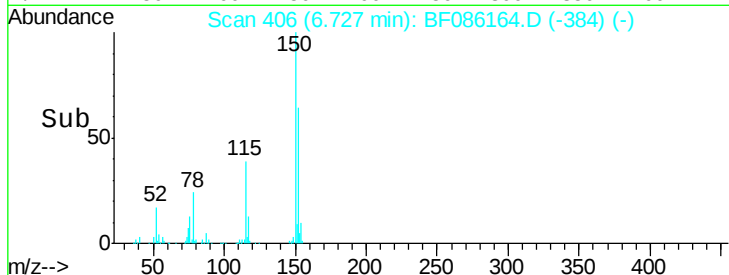
115 60.1 47.0 70.6



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: 32.37 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

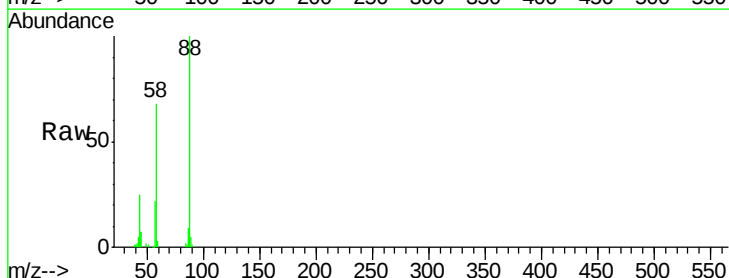
Tgt Ion: 88 Resp: 99456

Ion Ratio Lower Upper

88 100

58 67.5 54.2 81.2

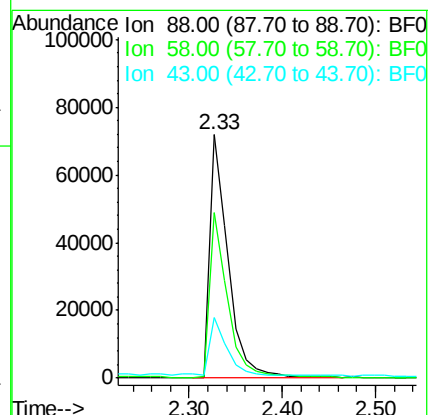
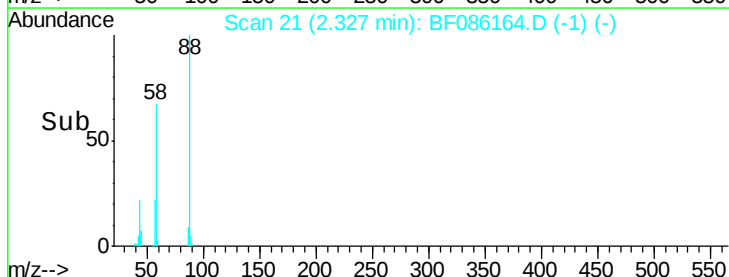
43 22.2 19.3 28.9



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: 34.23 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

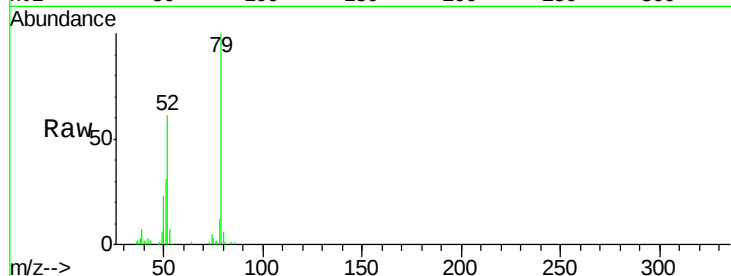
Tgt Ion: 79 Resp: 235469

Ion Ratio Lower Upper

79 100

52 60.7 49.8 74.6

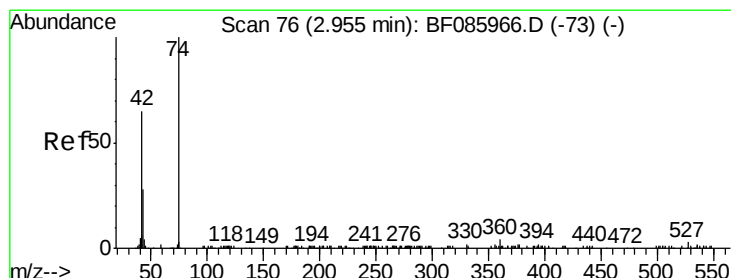
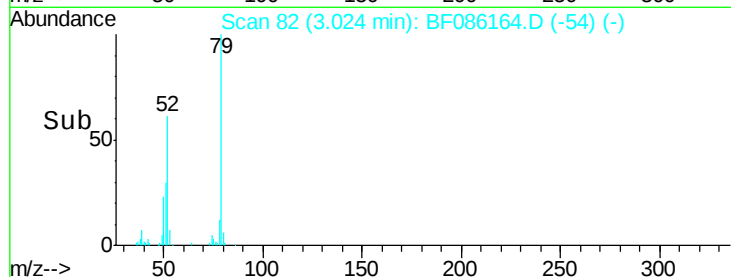
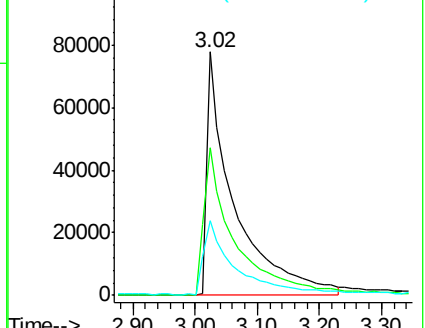
51 30.8 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.84 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.01 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

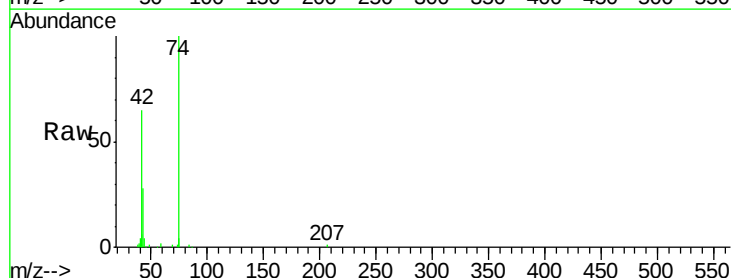
Tgt Ion: 42 Resp: 117507

Ion Ratio Lower Upper

42 100

74 153.8 121.4 182.2

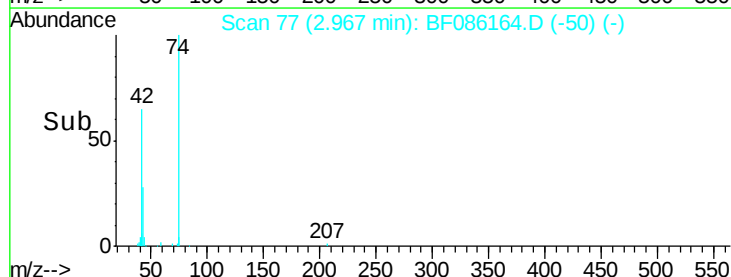
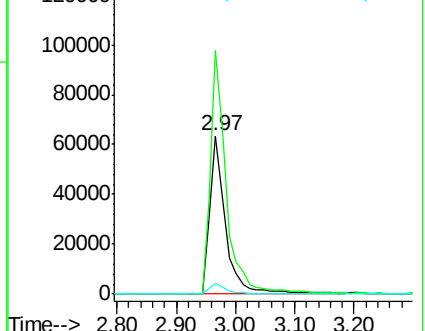
44 6.4 5.6 8.4

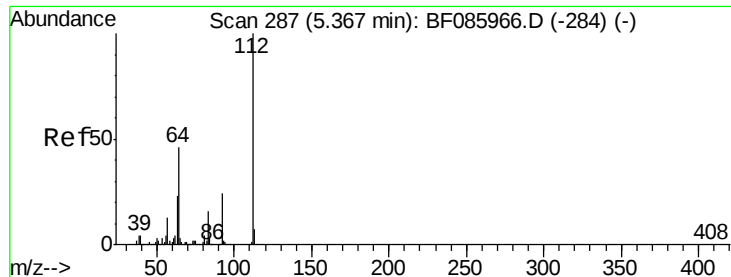


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.40 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

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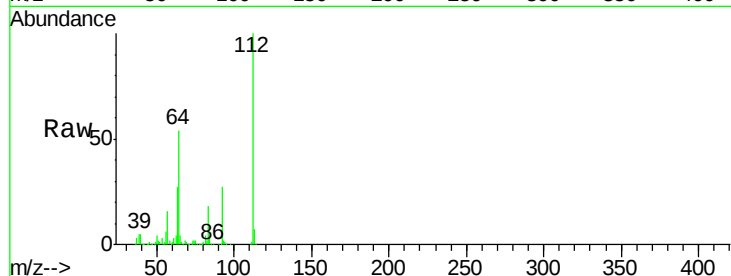
Tgt Ion: 112 Resp: 722031

Ion Ratio Lower Upper

112 100

64 54.0 39.9 59.9

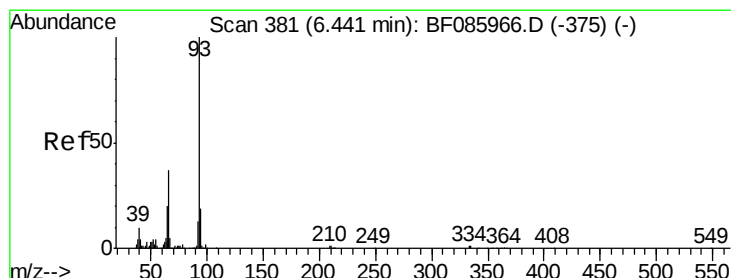
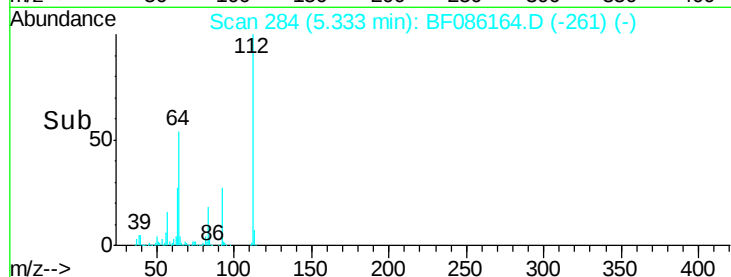
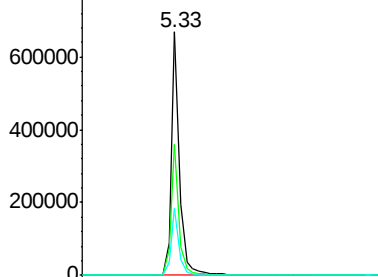
63 27.3 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.22 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

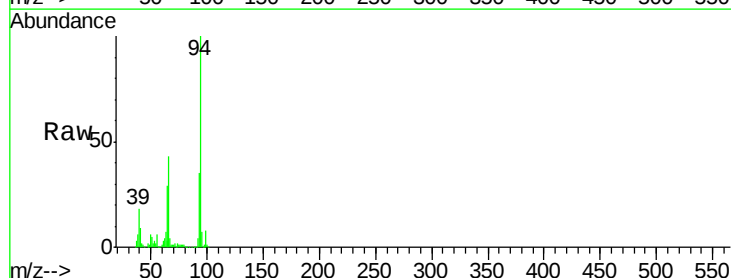
Tgt Ion: 93 Resp: 175181

Ion Ratio Lower Upper

93 100

66 122.9 31.4 47.2#

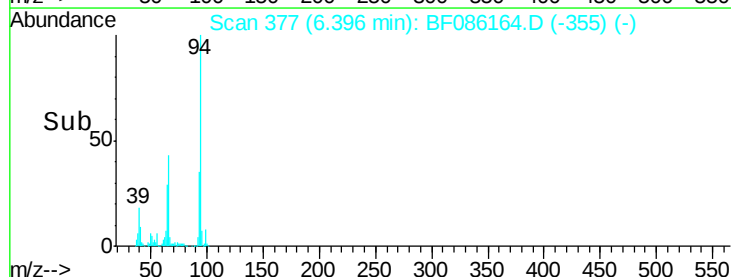
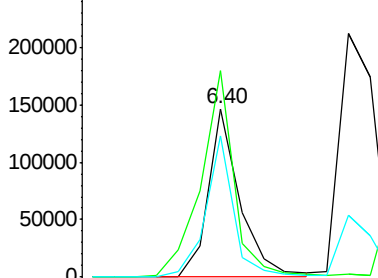
65 83.5 15.7 23.5#

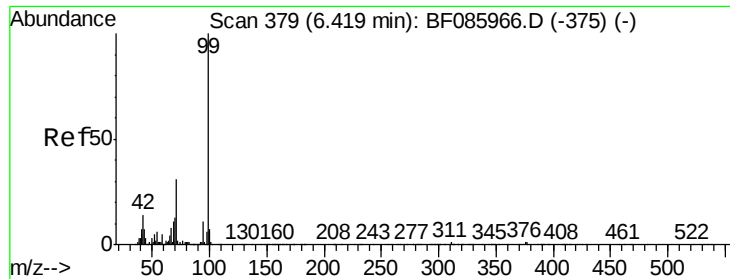


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.83 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086164.D

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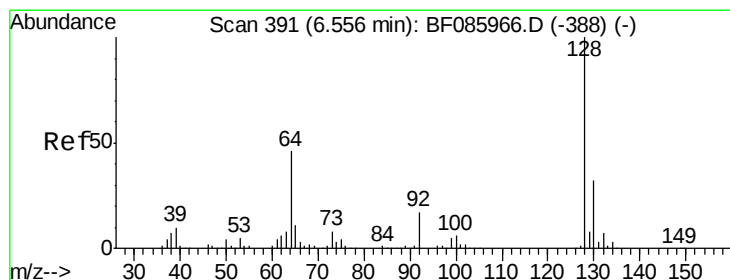
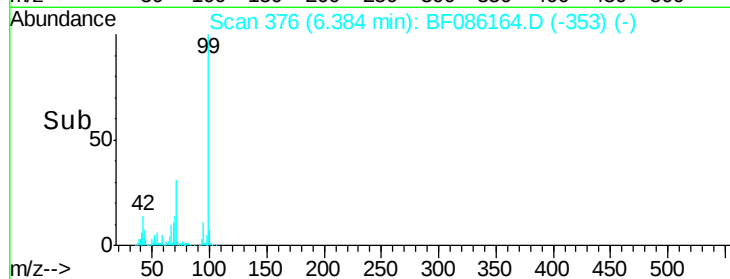
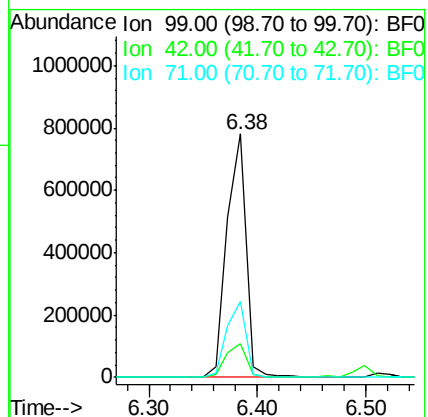
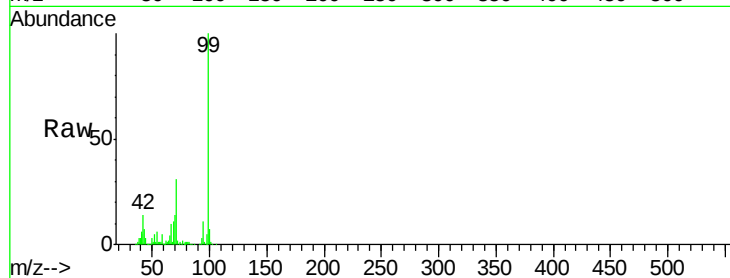
Tgt Ion: 99 Resp: 953604

Ion Ratio Lower Upper

99 100

42 13.8 11.1 16.7

71 31.2 24.9 37.3



#8

2-Chlorophenol

Concen: 36.93 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

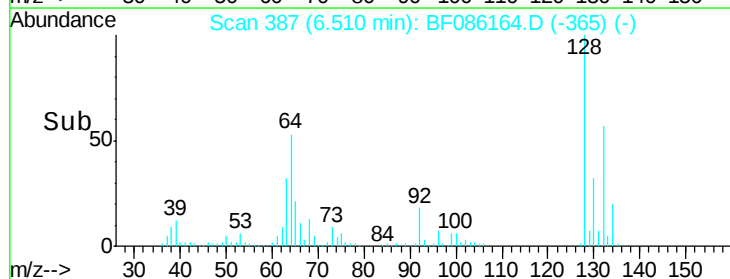
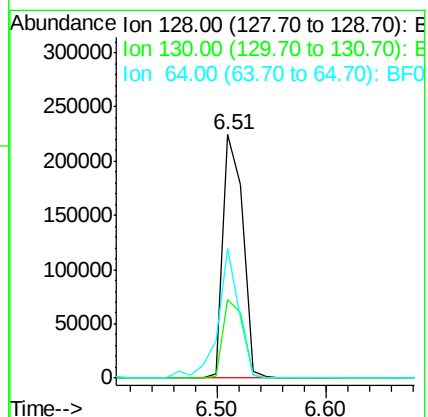
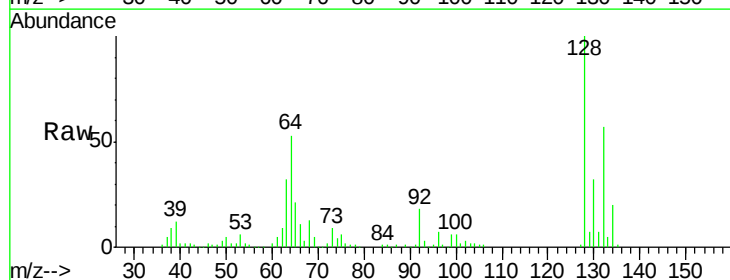
Tgt Ion: 128 Resp: 285432

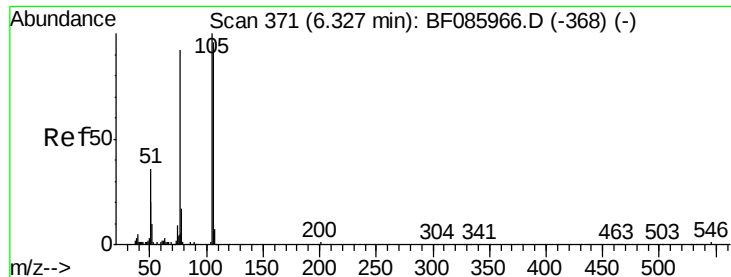
Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

64 53.2 20.2 60.2





#9

Benzaldehyde

Concen: 21.17 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

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ClientSampleId :

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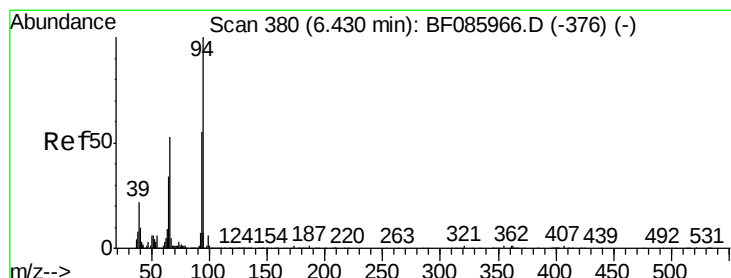
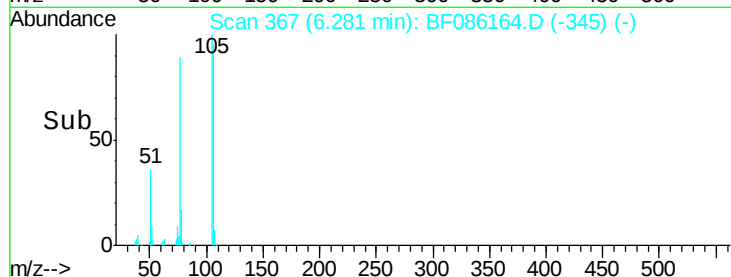
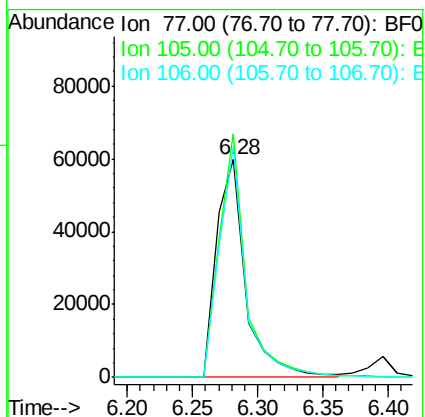
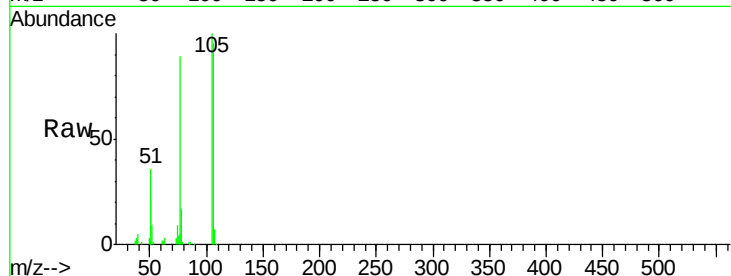
Tgt Ion: 77 Resp: 93778

Ion Ratio Lower Upper

77 100

105 111.9 80.1 120.1

106 106.2 75.0 115.0



#10

Phenol

Concen: 41.18 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

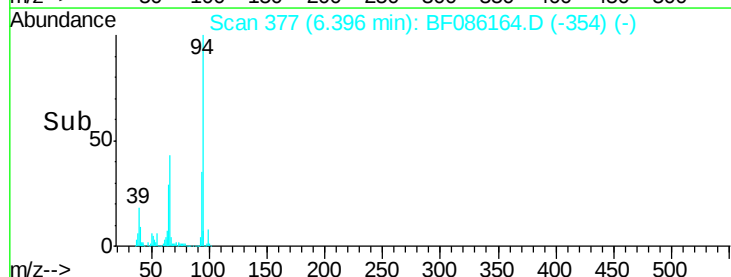
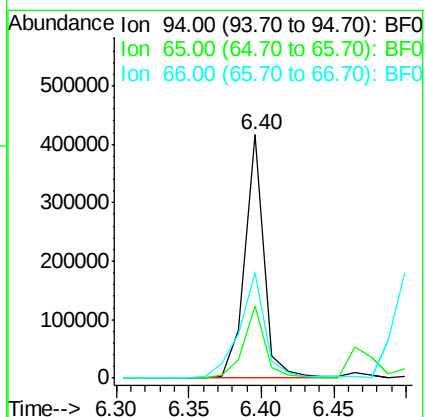
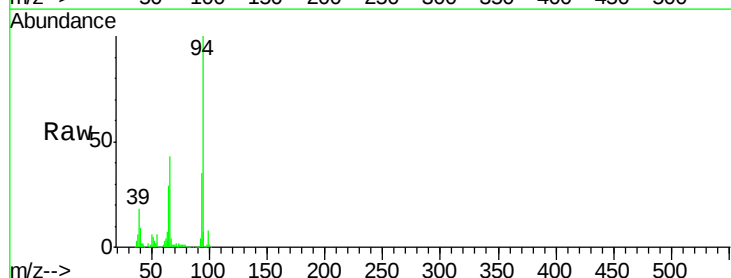
Tgt Ion: 94 Resp: 386718

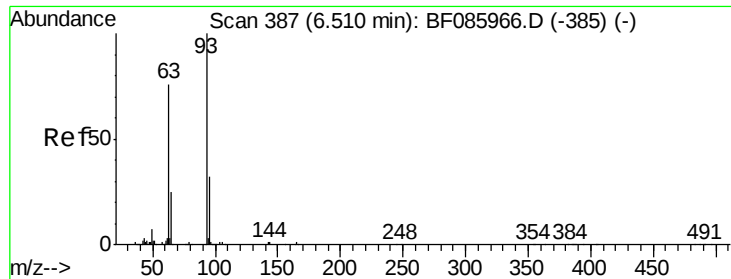
Ion Ratio Lower Upper

94 100

65 29.4 8.6 48.6

66 43.2 20.0 60.0

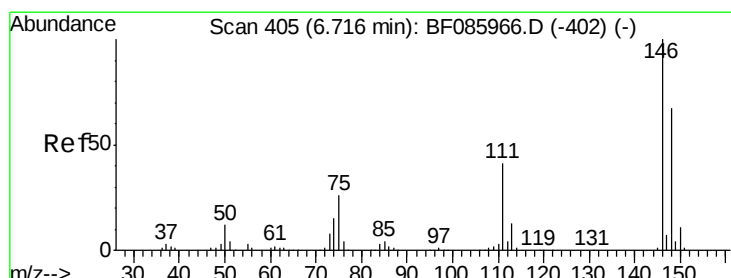
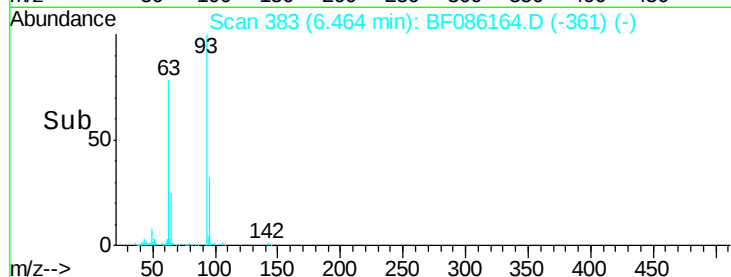
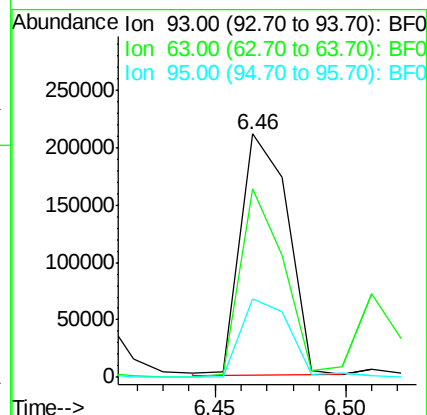
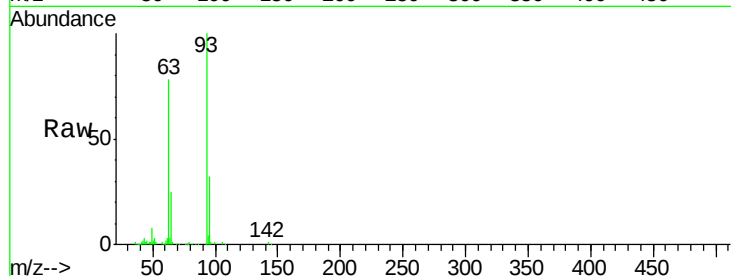




#11
bis(2-Chloroethyl)ether
Concen: 35.86 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

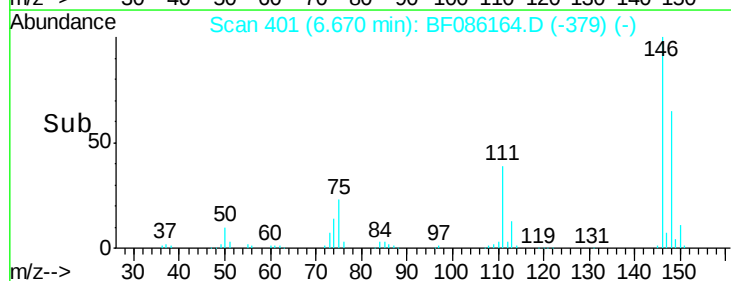
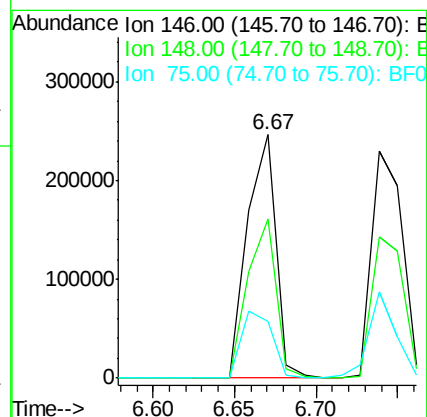
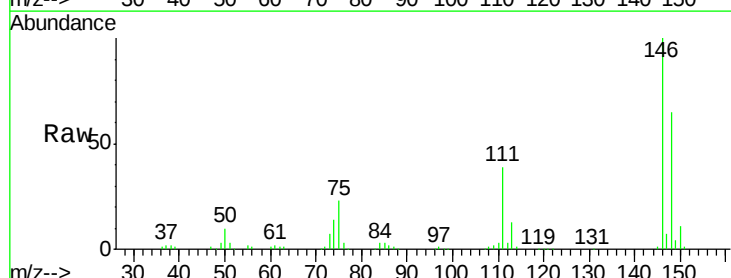
Instrument :
BNA_F
ClientSampleId :
PB89567BS

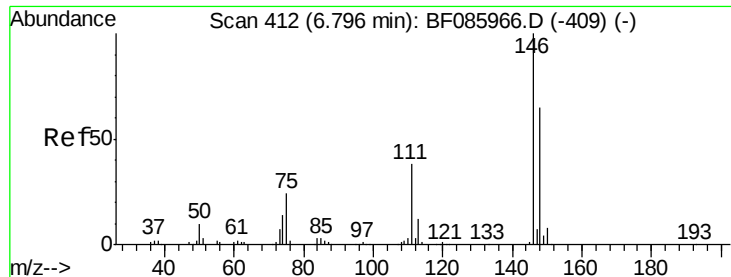
Tgt Ion: 93 Resp: 266702
Ion Ratio Lower Upper
93 100
63 77.6 50.9 90.9
95 32.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.37 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion: 146 Resp: 297993
Ion Ratio Lower Upper
146 100
148 65.5 52.3 78.5
75 23.3 17.4 26.2

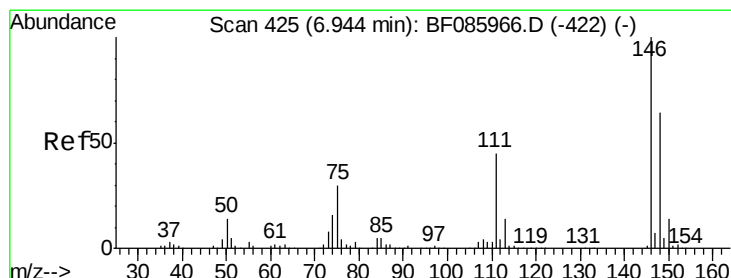
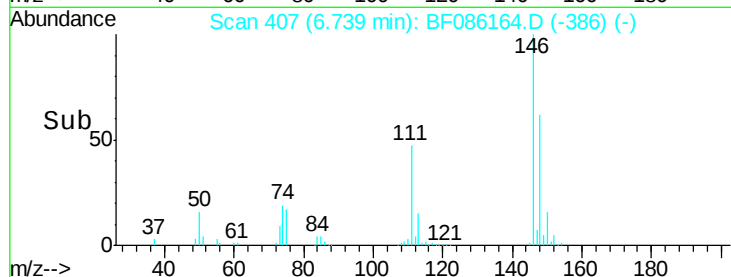
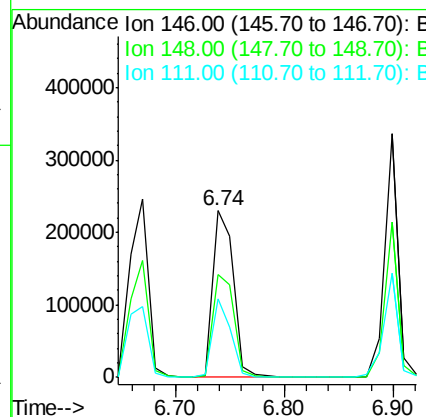
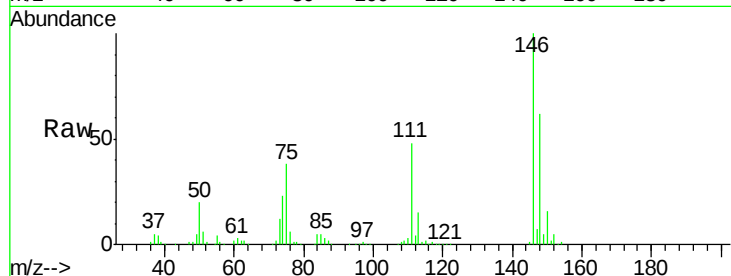




#13
 1,4-Dichlorobenzene
 Concen: 36.44 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

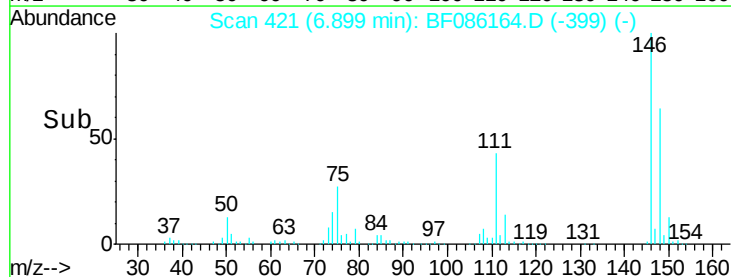
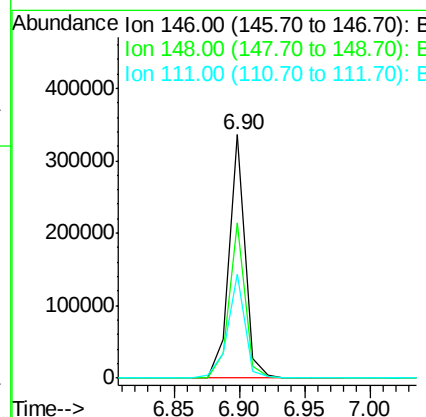
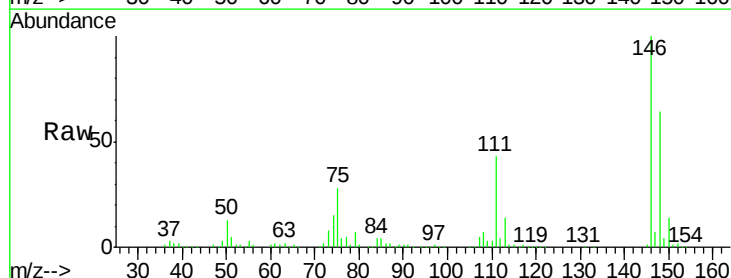
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

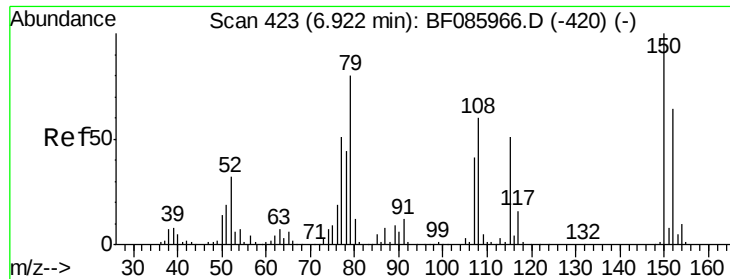
Tgt Ion:146 Resp: 307537
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.6 76.0
 111 47.6 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 37.35 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:146 Resp: 290189
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 42.9 34.6 52.0

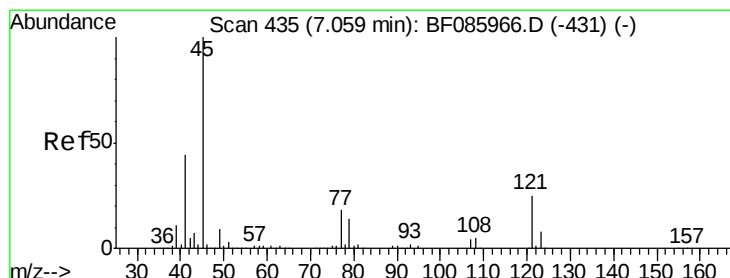
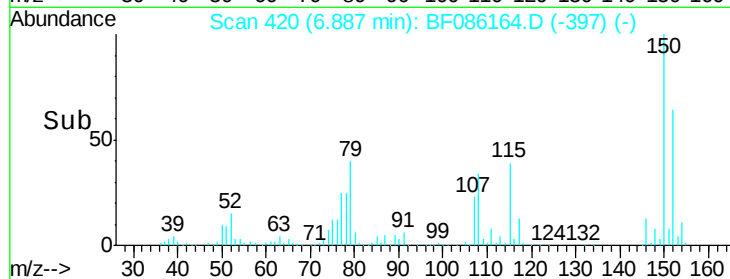
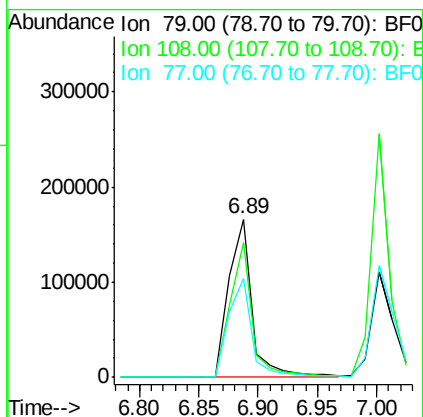
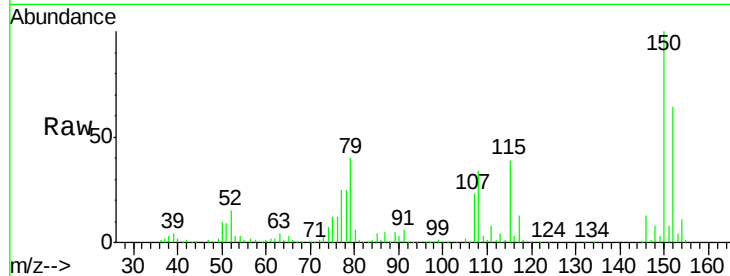




#15
Benzyl Alcohol
Concen: 42.53 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

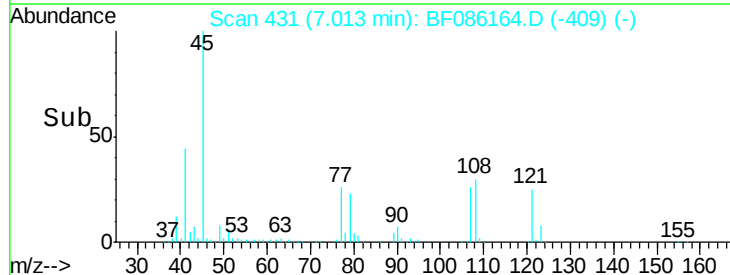
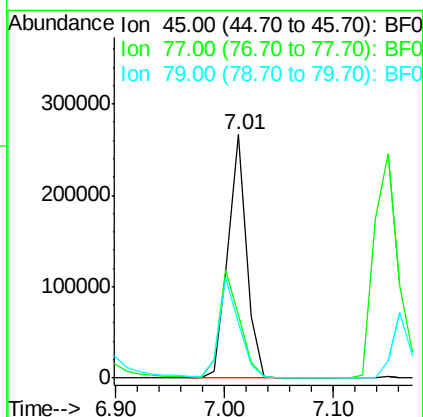
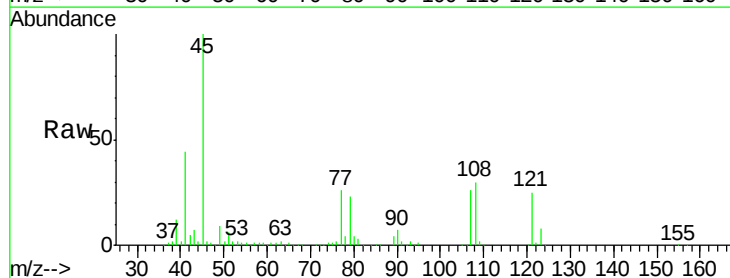
Instrument :
BNA_F
ClientSampleId :
PB89567BS

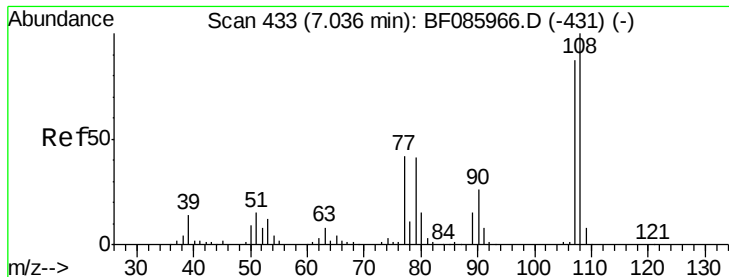
Tgt Ion: 79 Resp: 226516
Ion Ratio Lower Upper
79 100
108 85.1 61.8 92.6
77 62.6 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.71 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion: 45 Resp: 315339
Ion Ratio Lower Upper
45 100
77 26.0 0.0 35.7
79 22.8 0.0 32.2

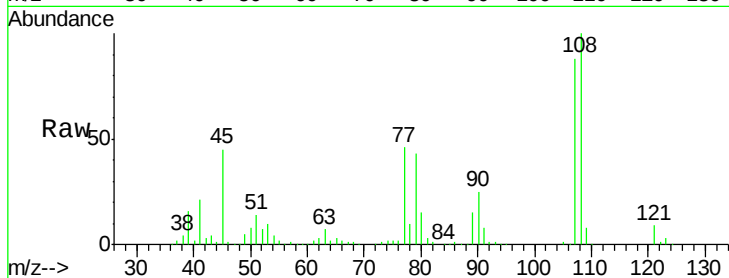




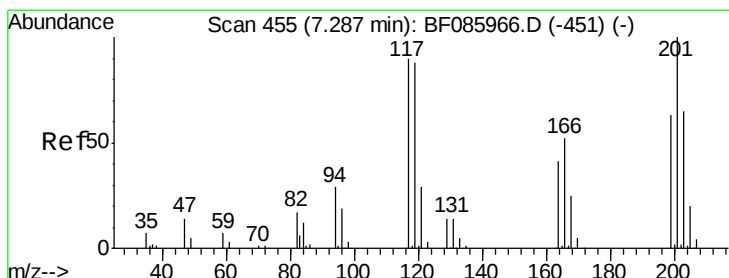
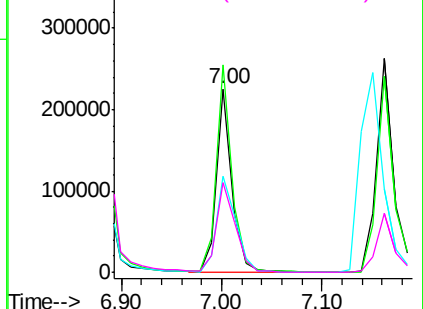
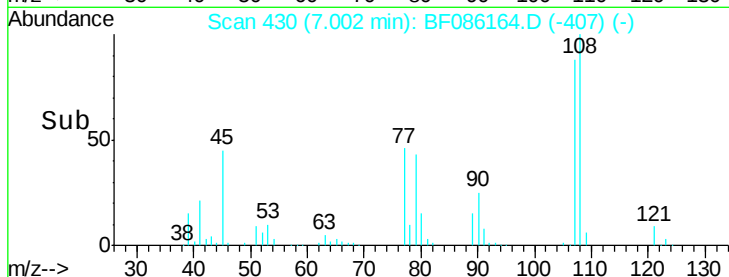
#17
2-Methylphenol
Concen: 39.50 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tgt Ion:107 Resp: 240718
Ion Ratio Lower Upper
107 100
108 113.4 91.4 137.0
77 52.1 36.2 54.2
79 48.9 35.8 53.8

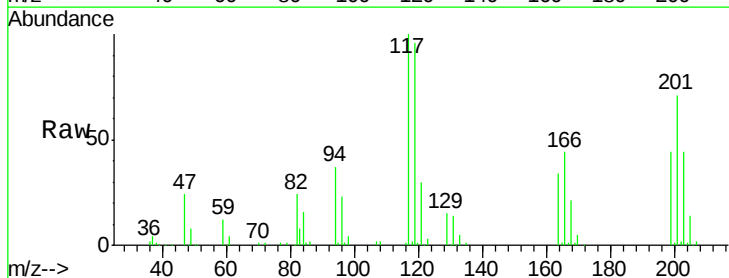


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

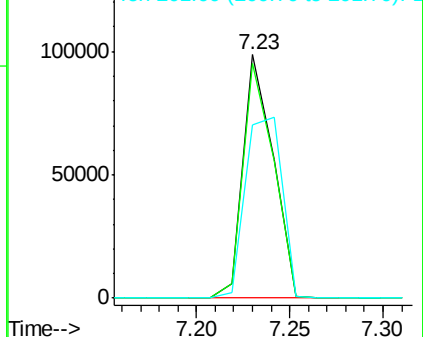
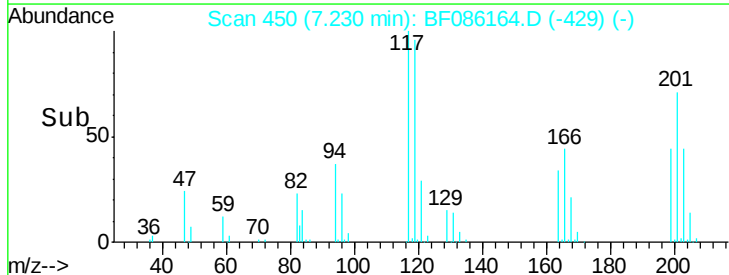


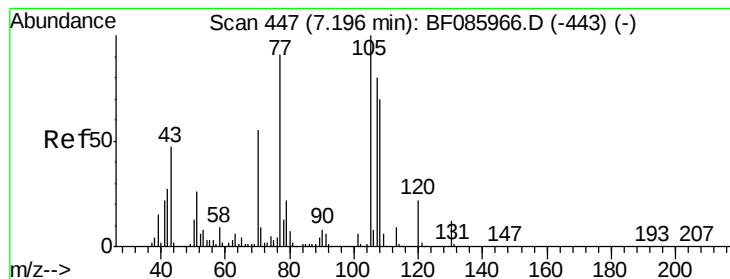
#18
Hexachloroethane
Concen: 35.65 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:117 Resp: 110669
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1
201 71.1 83.3 124.9#



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.83 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

Tgt Ion: 70 Resp: 193059

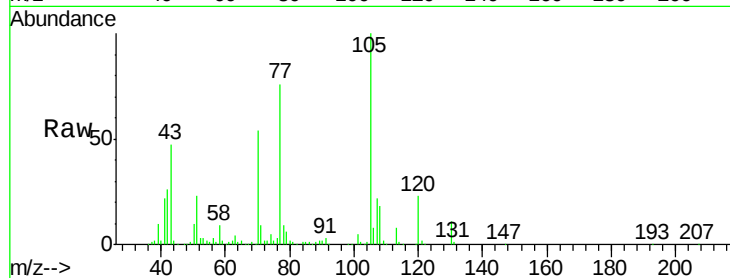
Ion Ratio Lower Upper

70 100

42 48.6 37.1 55.7

101 9.9 8.6 12.8

130 20.7 19.6 29.4

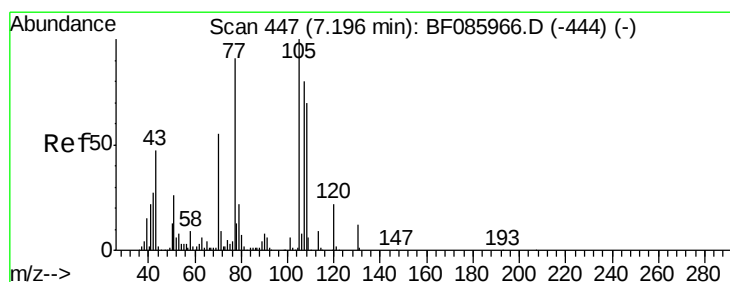
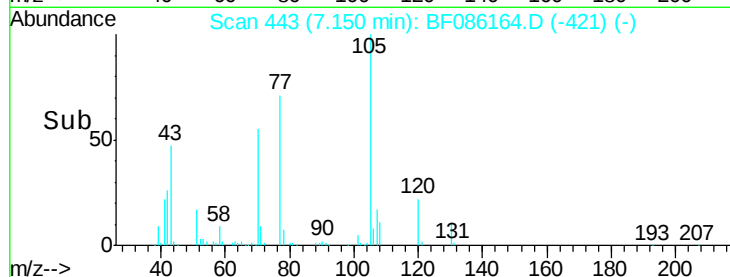
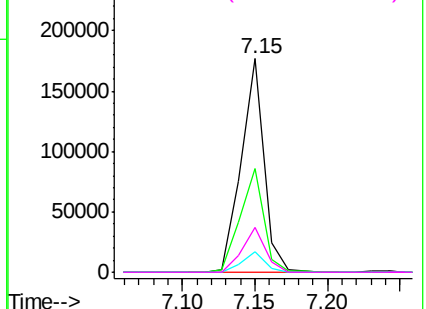


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 42.94 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion: 107 Resp: 318273

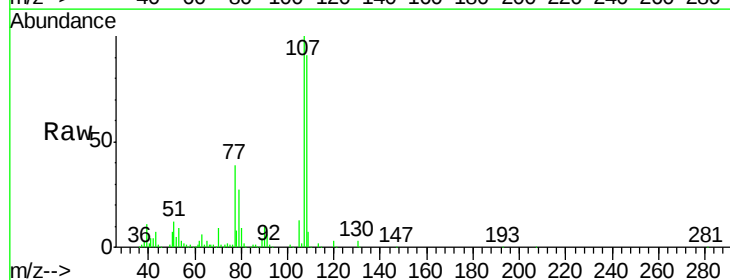
Ion Ratio Lower Upper

107 100

108 91.5 69.3 109.3

77 38.7 101.7 141.7#

79 27.3 8.3 48.3

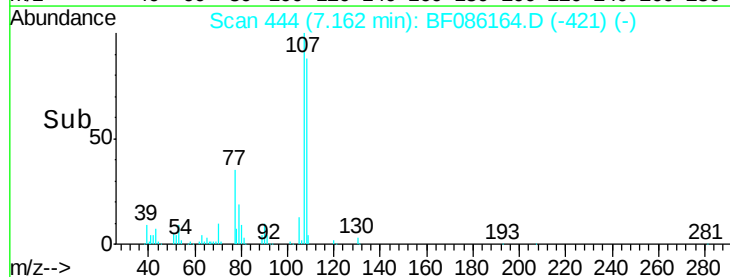
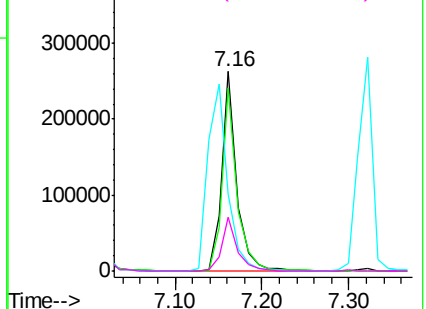


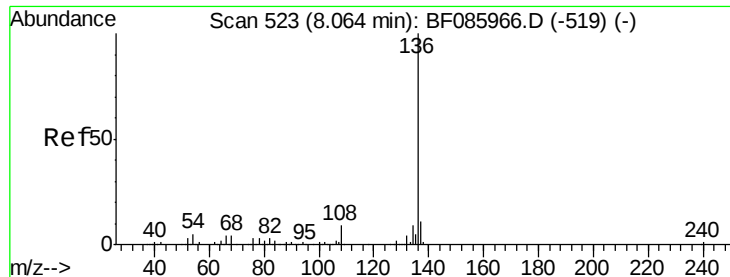
Abundance Ion 107.00 (106.70 to 107.70): BF0

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

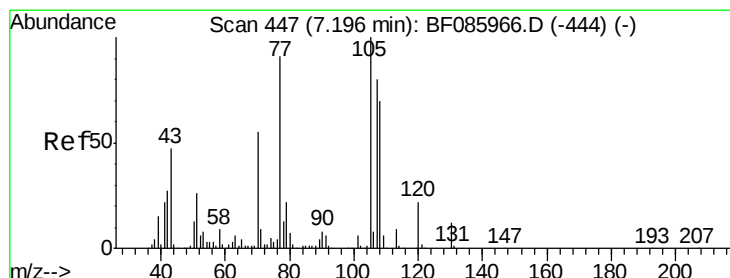
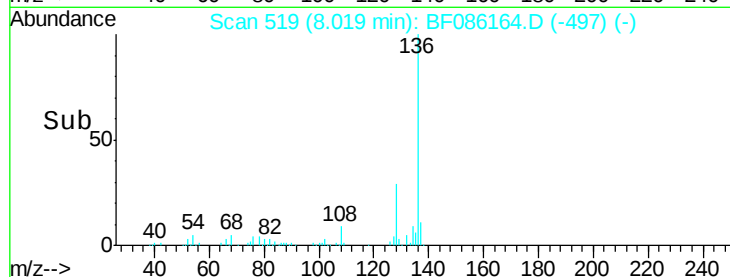
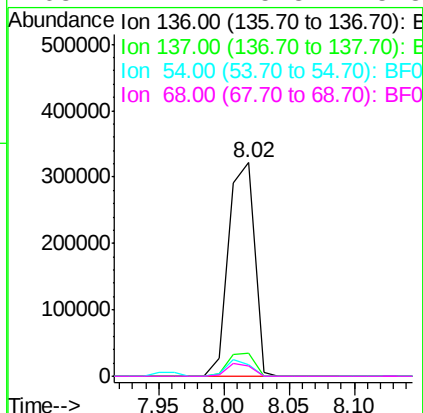
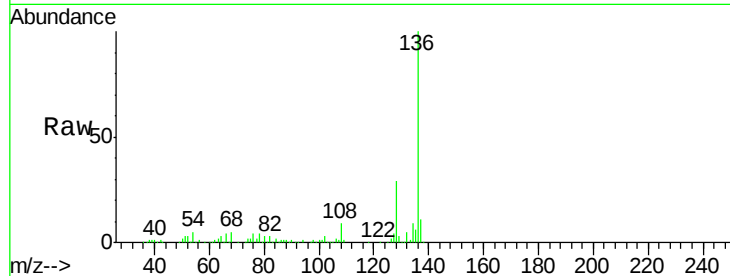




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

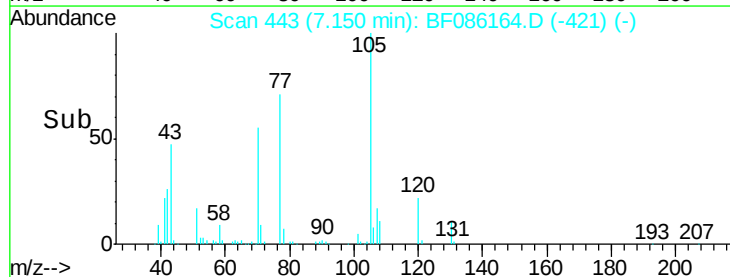
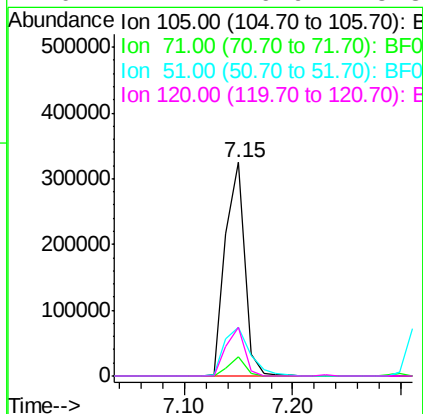
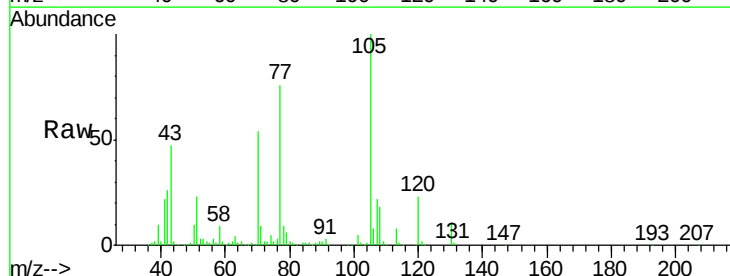
Instrument :
BNA_F
ClientSampleId :
PB89567BS

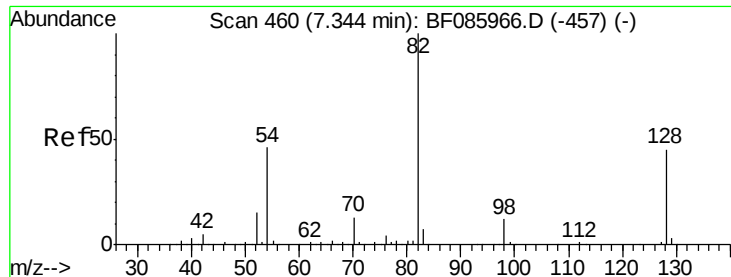
Tgt Ion:	136	Resp:	444608
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.1	7.4	11.0#
68	4.7	5.8	8.8#



#22
Acetophenone
Concen: 38.39 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:	105	Resp:	401247
Ion	Ratio	Lower	Upper
105	100		
71	9.0	3.6	5.4#
51	22.8	25.4	38.0#
120	22.7	16.9	25.3

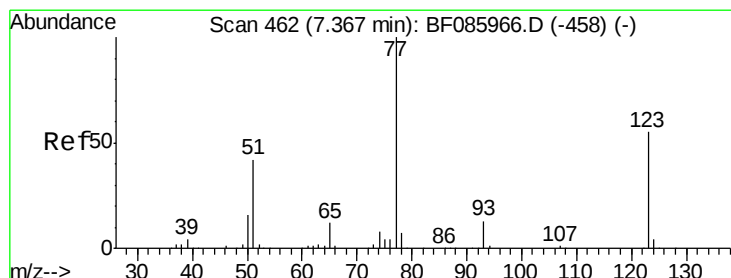
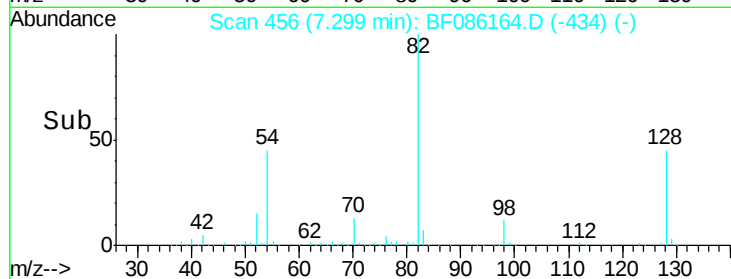
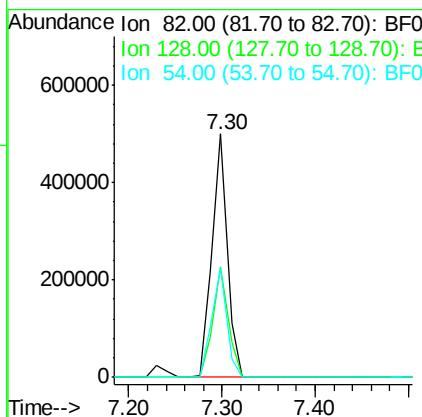
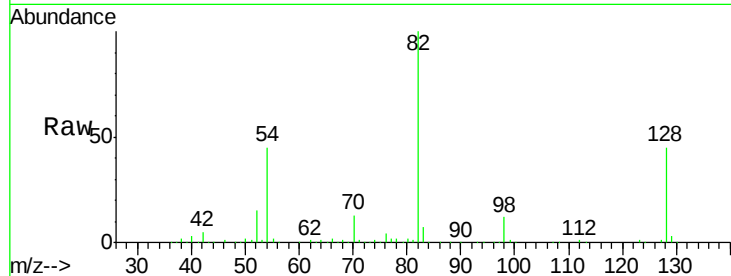




#23
 Nitrobenzene-d5
 Concen: 76.12 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

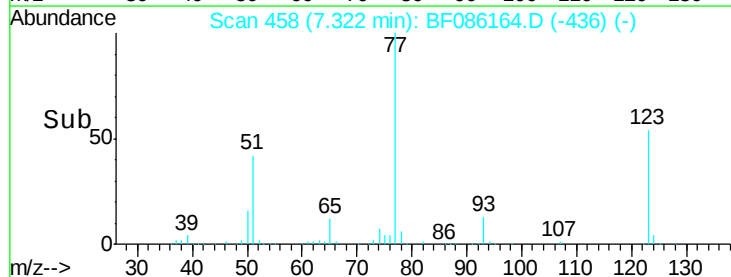
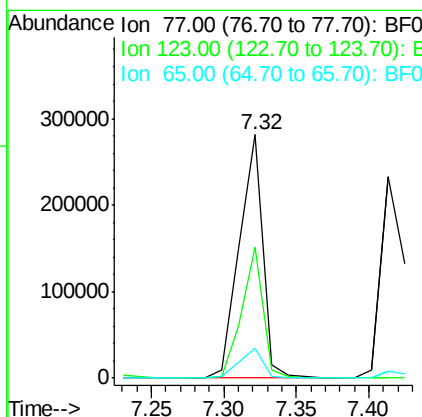
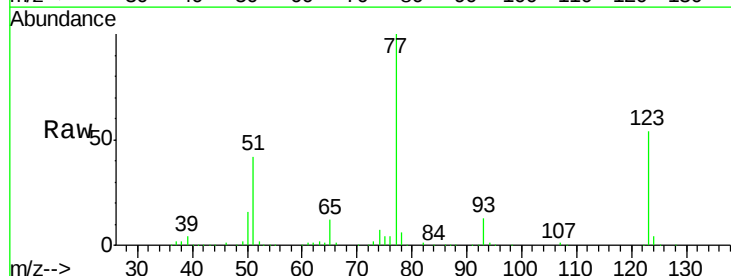
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

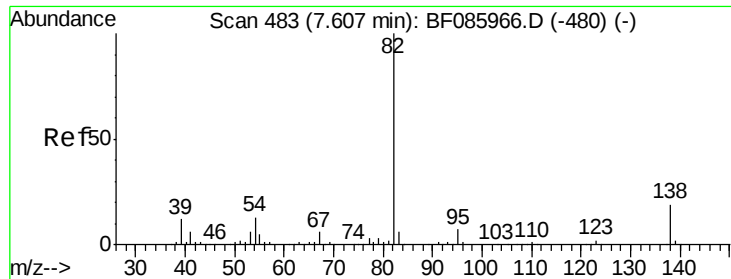
Tgt Ion: 82 Resp: 573874
 Ion Ratio Lower Upper
 82 100
 128 45.4 41.8 62.8
 54 44.9 33.4 50.0



#24
 Nitrobenzene
 Concen: 38.21 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion: 77 Resp: 315121
 Ion Ratio Lower Upper
 77 100
 123 54.0 35.0 52.4#
 65 12.4 10.6 16.0





#25

Isophorone

Concen: 38.63 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

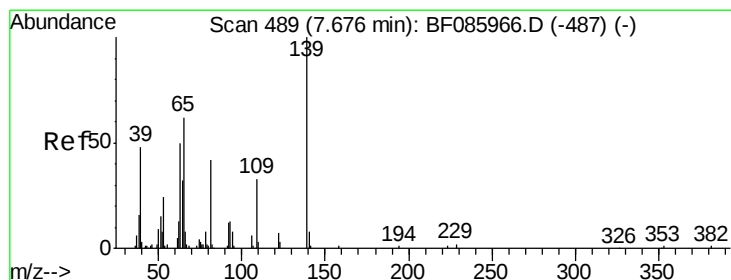
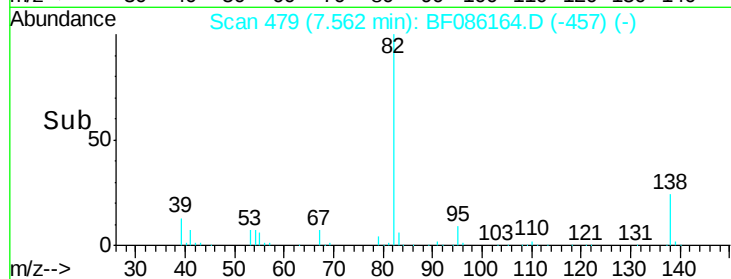
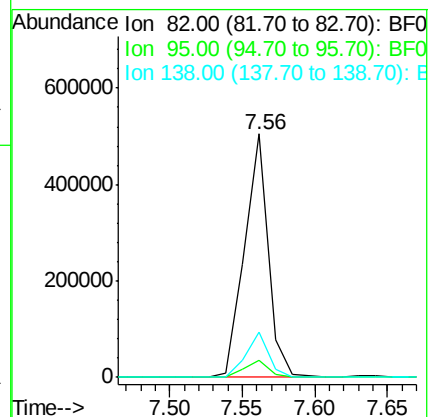
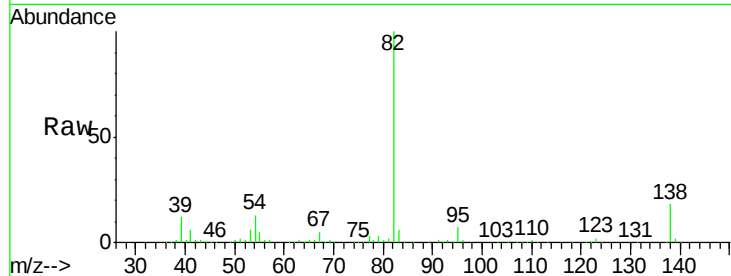
Tgt Ion: 82 Resp: 574844

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 18.5 12.9 19.3



#26

2-Nitrophenol

Concen: 40.85 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

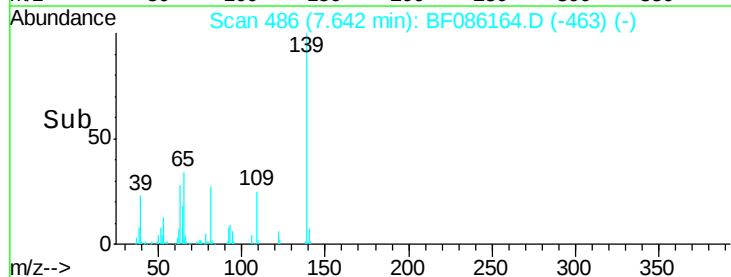
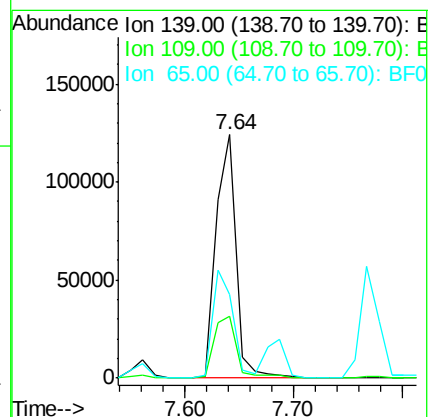
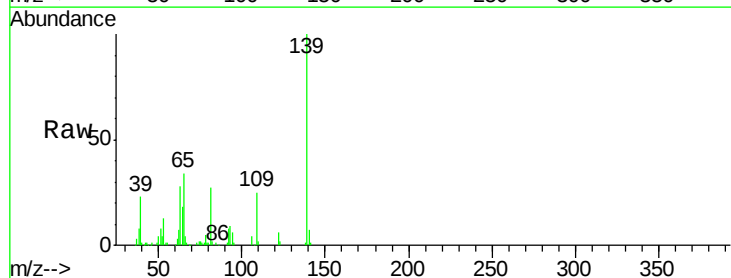
Tgt Ion: 139 Resp: 161189

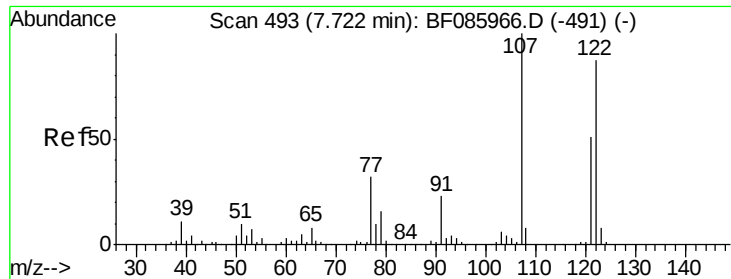
Ion Ratio Lower Upper

139 100

109 25.3 22.1 33.1

65 34.3 33.9 50.9

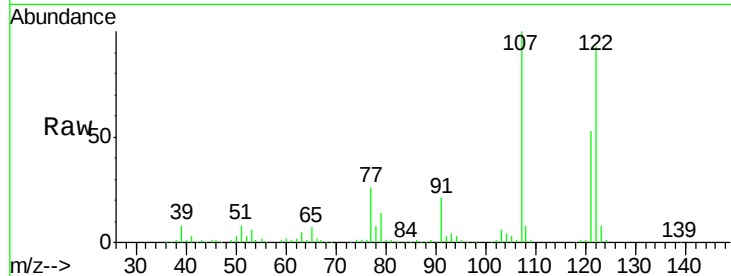




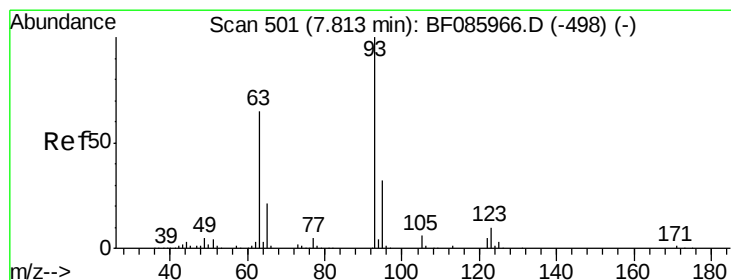
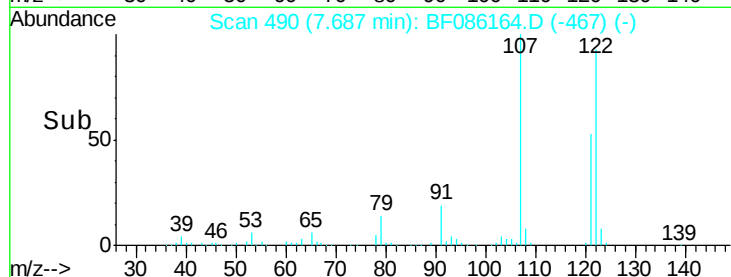
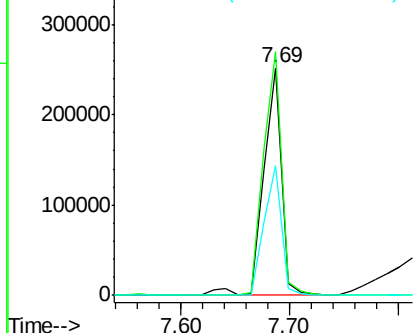
#27
 2,4-Dimethylphenol
 Concen: 41.45 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tgt Ion:122 Resp: 293816
 Ion Ratio Lower Upper
 122 100
 107 107.3 93.0 139.6
 121 56.9 45.9 68.9

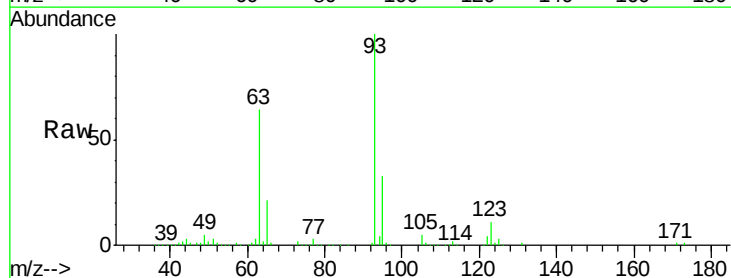


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

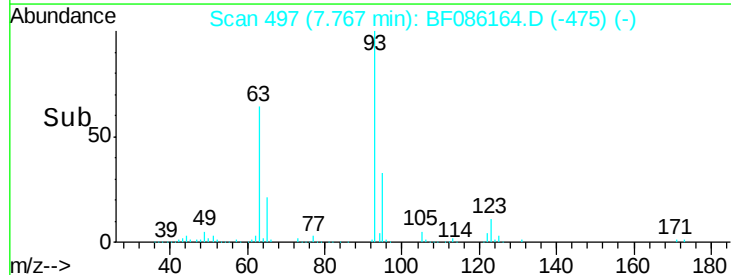
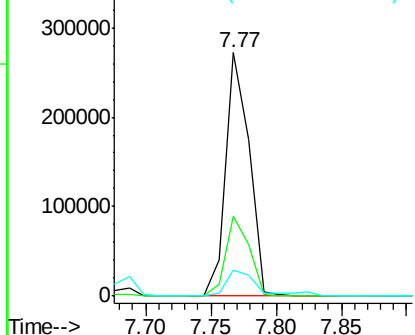


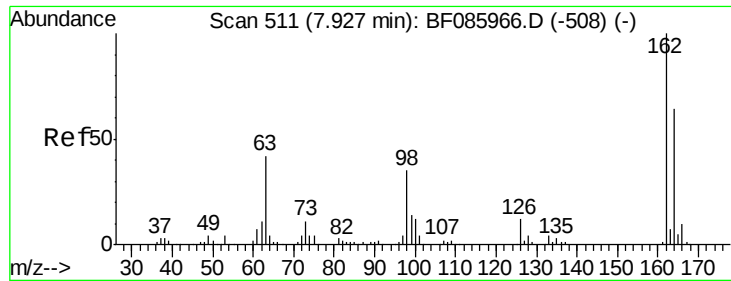
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.88 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion: 93 Resp: 339524
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 10.7 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

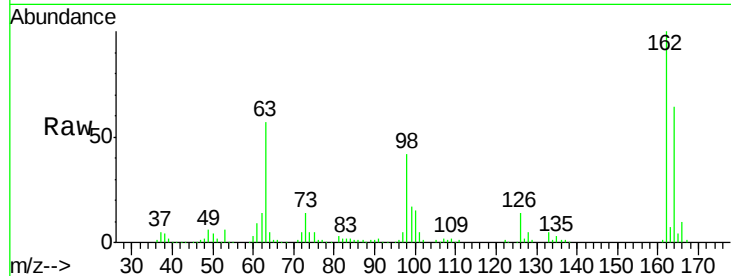




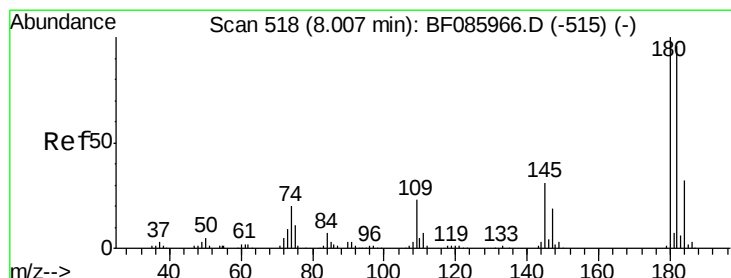
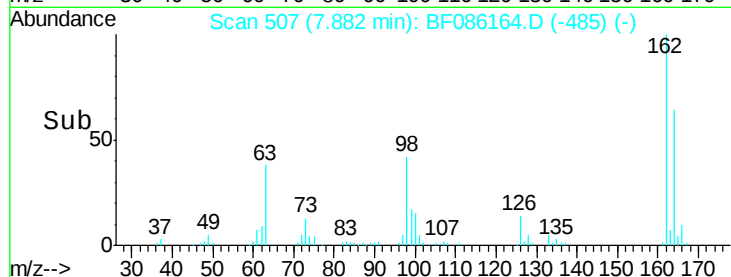
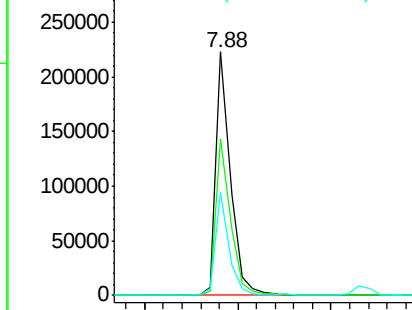
#29
2,4-Dichlorophenol
Concen: 40.01 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tgt Ion:162 Resp: 239753
Ion Ratio Lower Upper
162 100
164 64.1 43.7 83.7
98 42.5 20.4 60.4

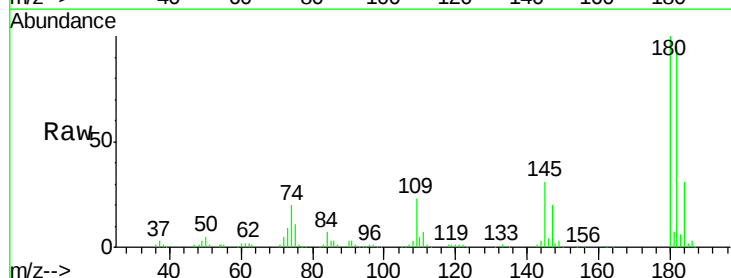


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

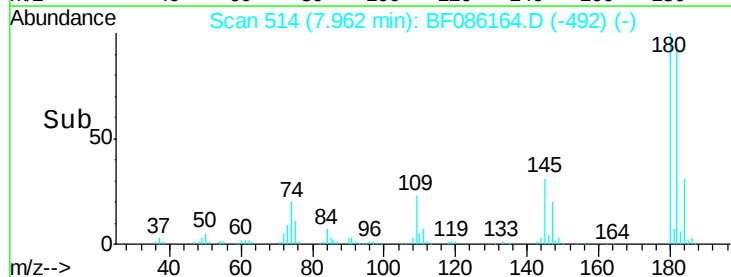
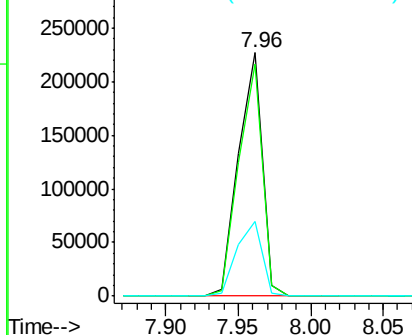


#30
1,2,4-Trichlorobenzene
Concen: 38.57 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:180 Resp: 259439
Ion Ratio Lower Upper
180 100
182 95.4 73.8 110.8
145 30.9 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: 37.12 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

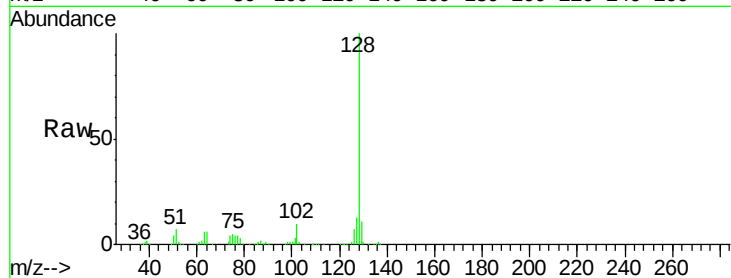
Tgt Ion:128 Resp: 830198

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

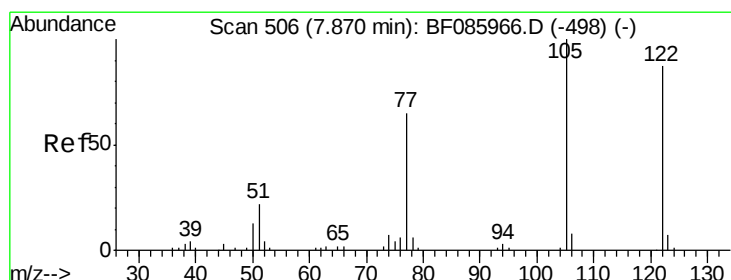
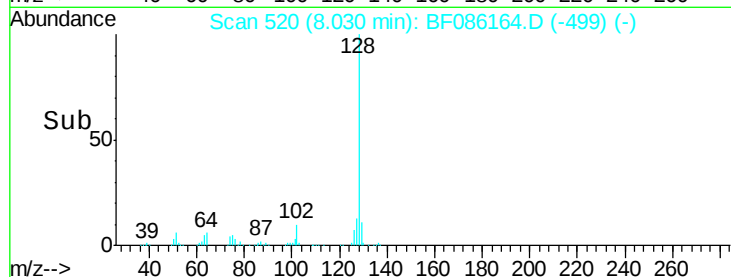
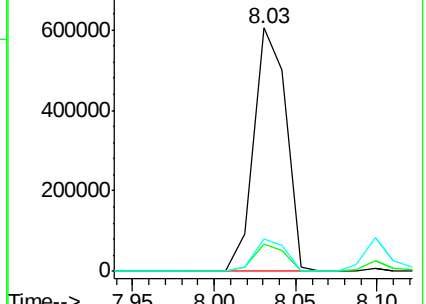
127 13.2 11.0 16.6



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: 26.07 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

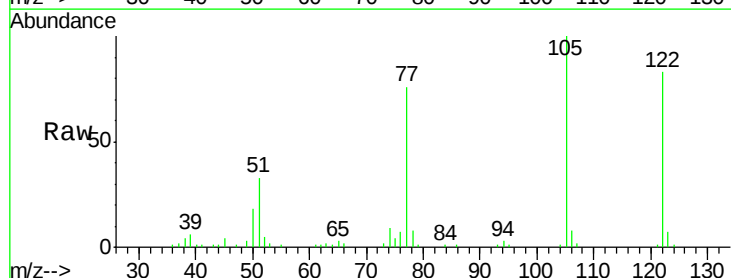
Tgt Ion:122 Resp: 135535

Ion Ratio Lower Upper

122 100

105 121.1 102.9 142.9

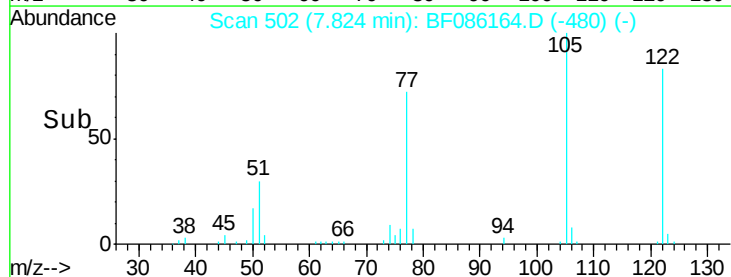
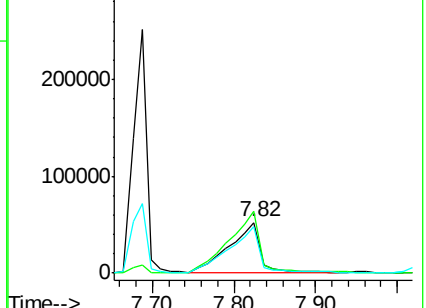
77 92.0 71.8 111.8

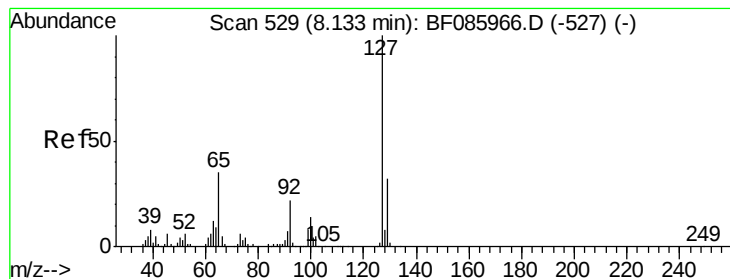


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.40 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

Tgt Ion:127 Resp: 103001

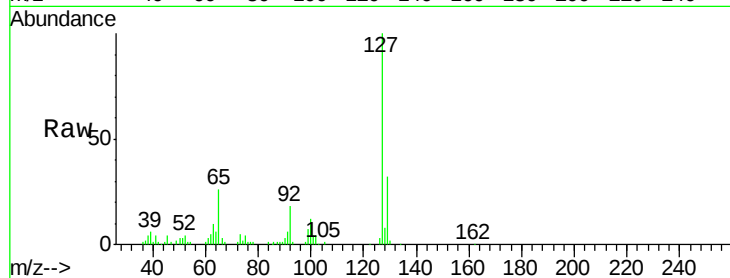
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 25.8 19.5 29.3

92 18.2 14.6 22.0

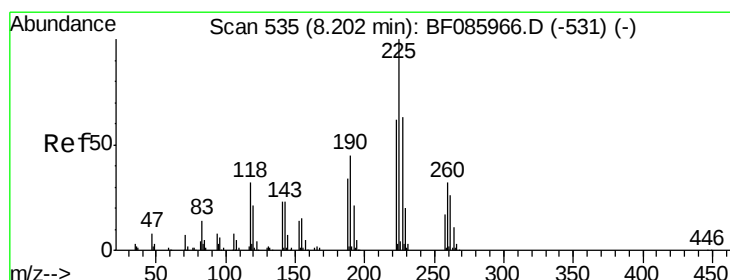
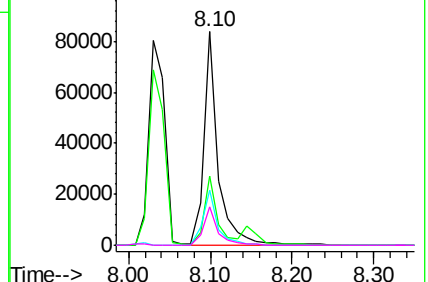
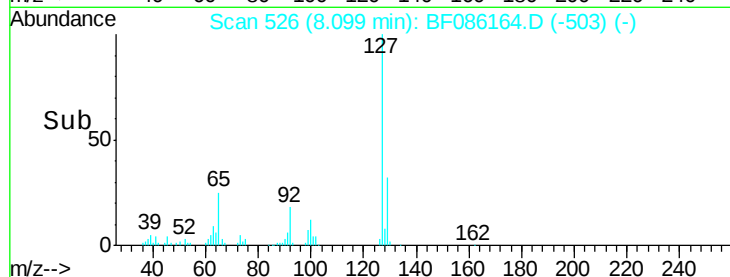


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.69 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

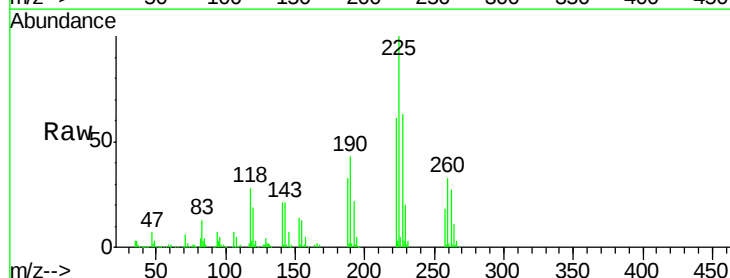
Tgt Ion:225 Resp: 136279

Ion Ratio Lower Upper

225 100

223 61.4 50.4 75.6

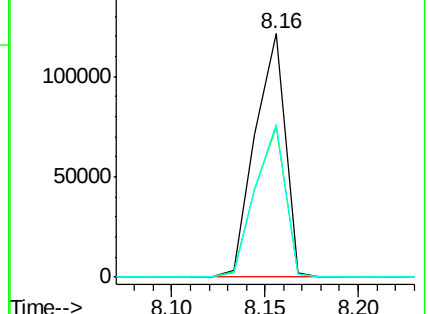
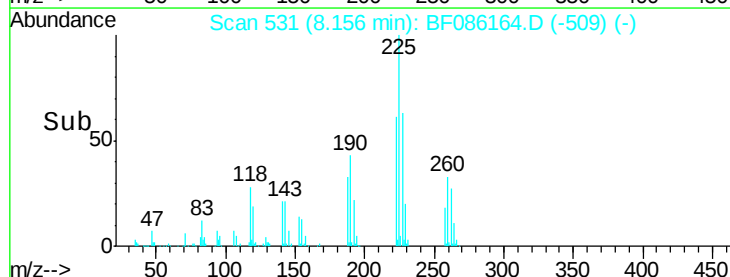
227 62.9 51.4 77.2



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

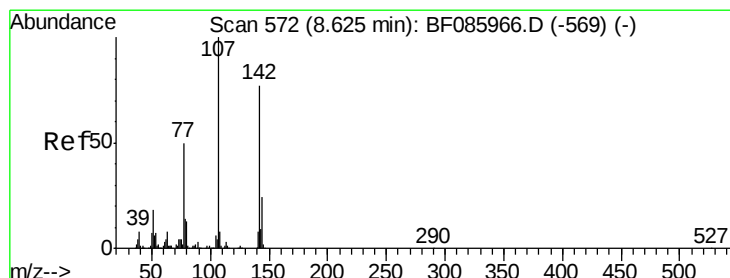
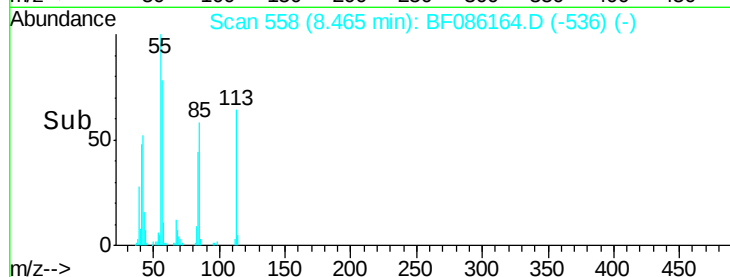
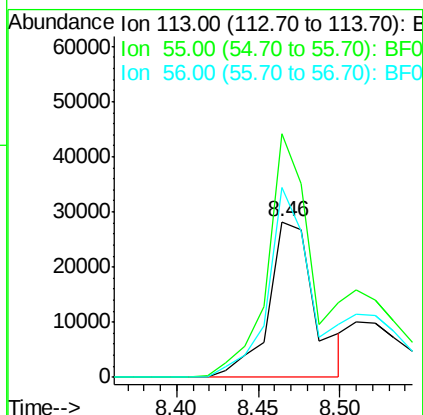
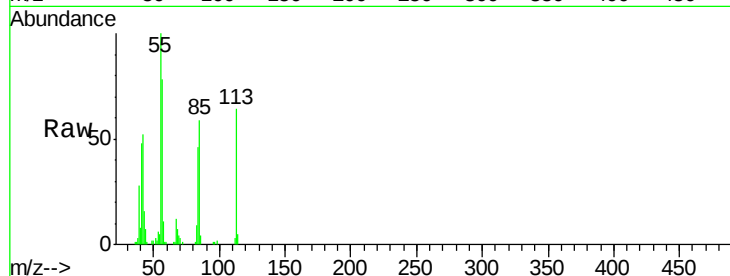




#35
 Caprolactam
 Concen: 29.21 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

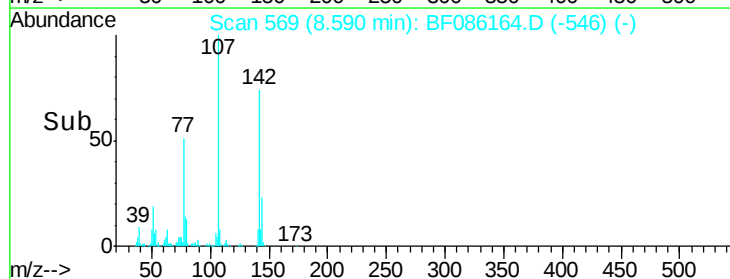
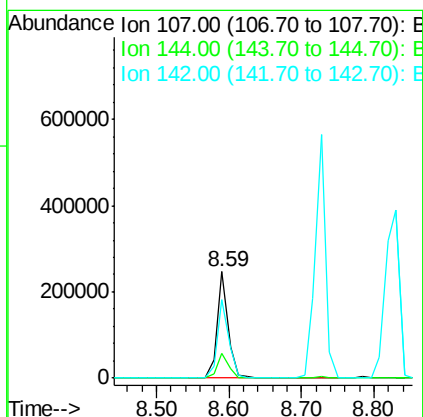
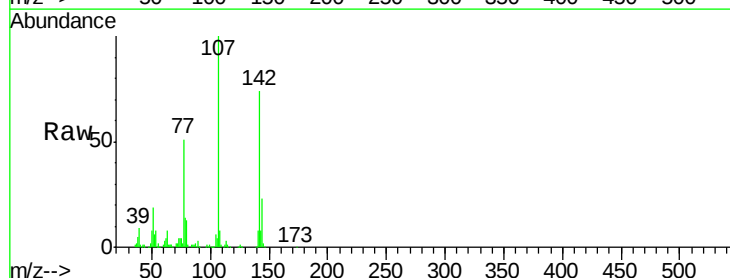
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

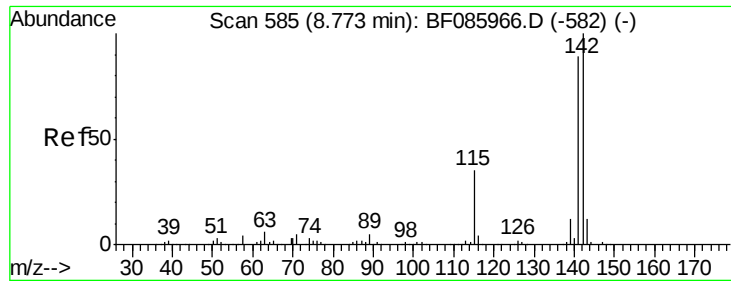
Tgt Ion:113 Resp: 55524
 Ion Ratio Lower Upper
 113 100
 55 156.6 139.4 179.4
 56 122.0 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.64 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:107 Resp: 260289
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.3 28.9
 142 73.7 61.4 92.0

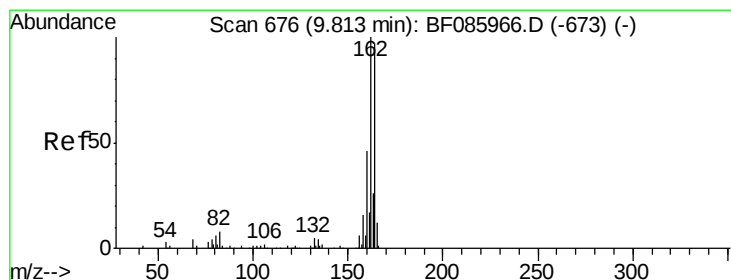
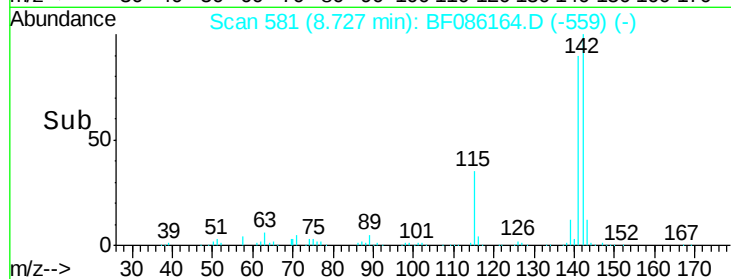
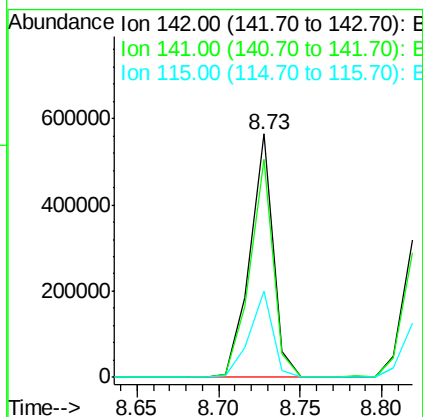
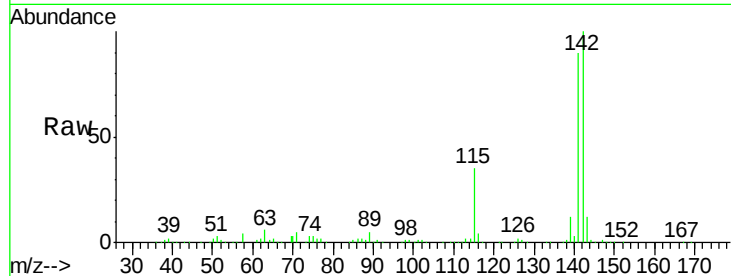




#37
2-Methylnaphthalene
Concen: 38.56 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

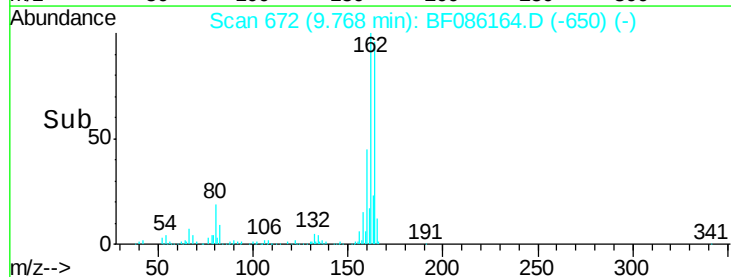
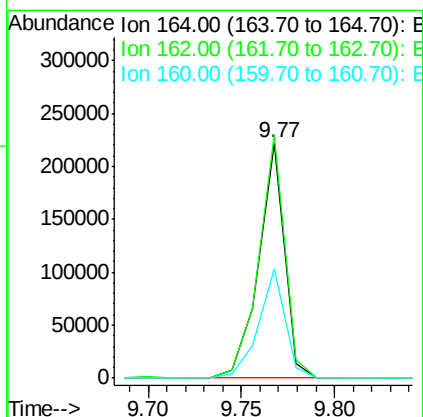
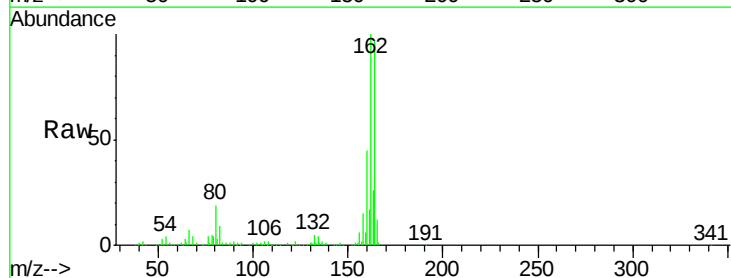
Instrument :
BNA_F
ClientSampleId :
PB89567BS

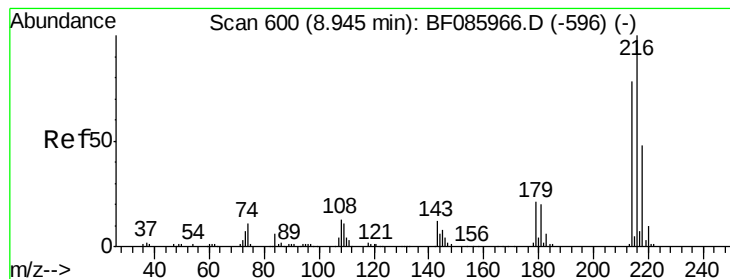
Tgt Ion:142 Resp: 563321
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4
115 35.4 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:164 Resp: 213051
Ion Ratio Lower Upper
164 100
162 103.5 82.1 123.1
160 46.5 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.29 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

Tgt Ion:216 Resp: 238810

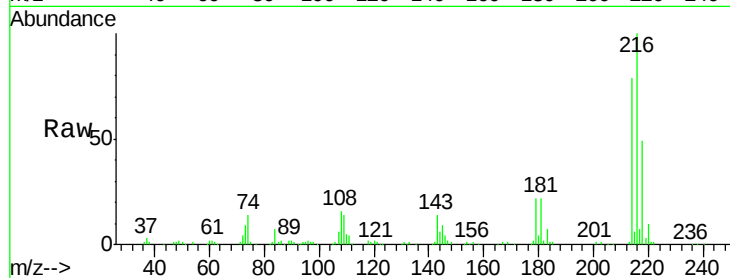
Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 23.5 18.2 27.2

108 22.8 17.3 25.9

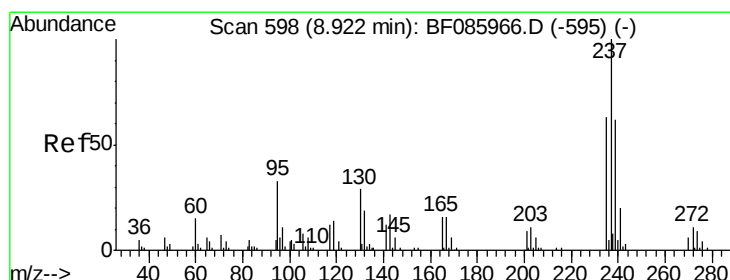
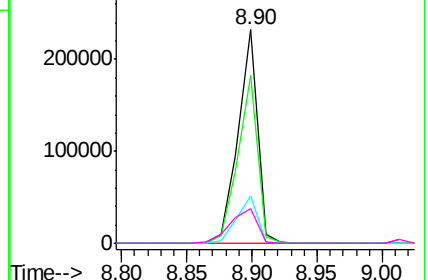
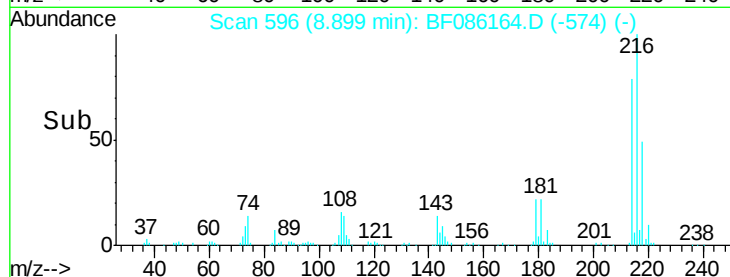


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.40 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.04 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

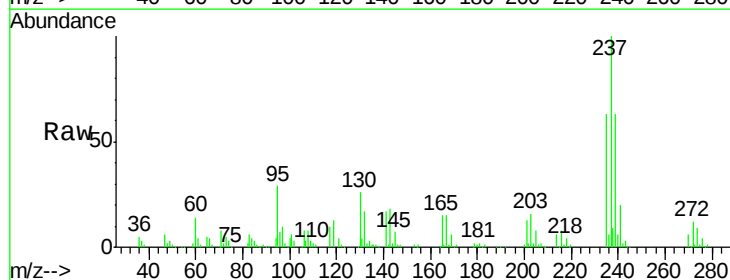
Tgt Ion:237 Resp: 134022

Ion Ratio Lower Upper

237 100

235 63.3 43.7 83.7

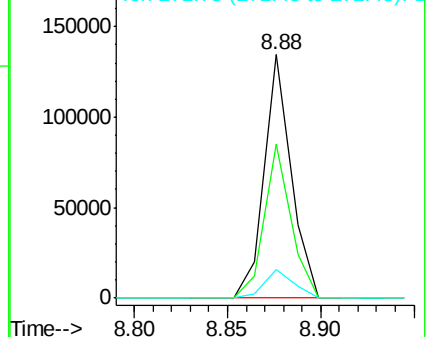
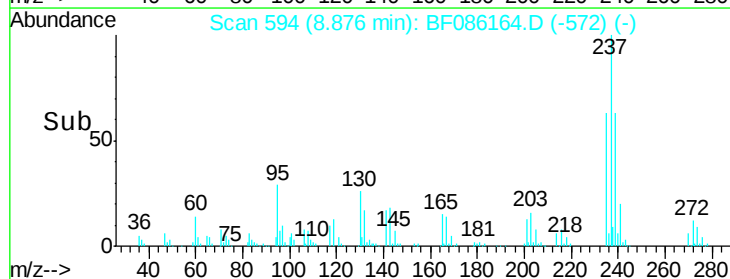
272 11.5 0.0 31.9

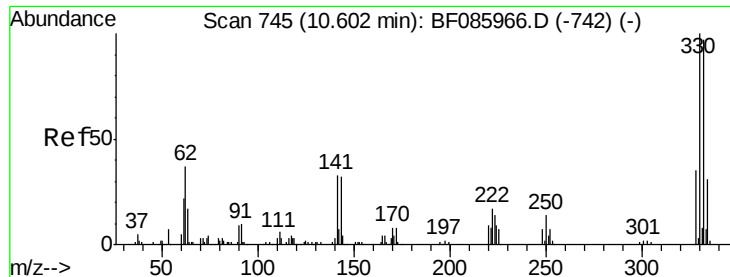


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

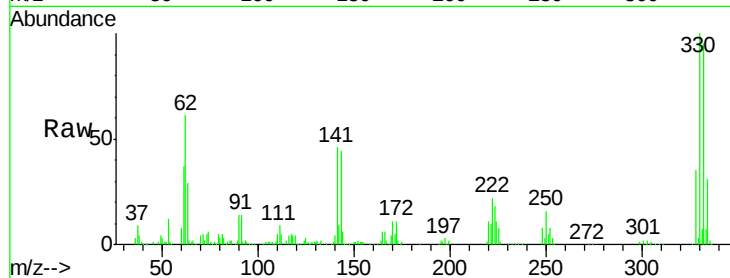




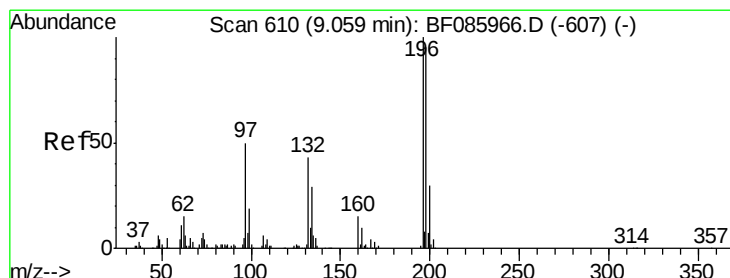
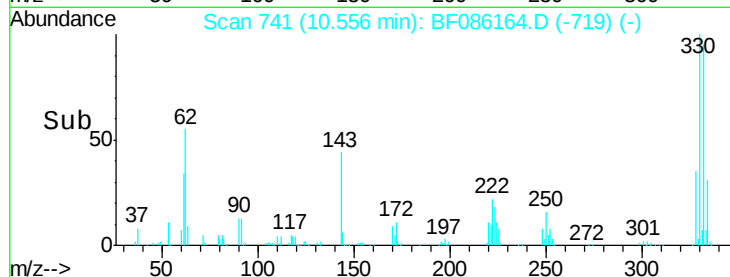
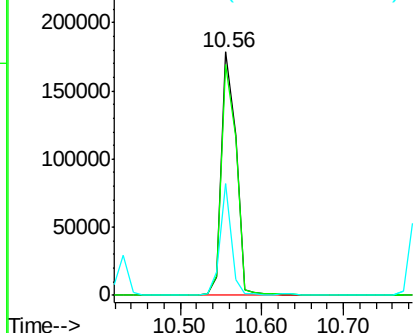
#41
 2,4,6-Tribromophenol
 Concen: 110.81 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tgt Ion:330 Resp: 221584
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 35.7 31.5 47.3

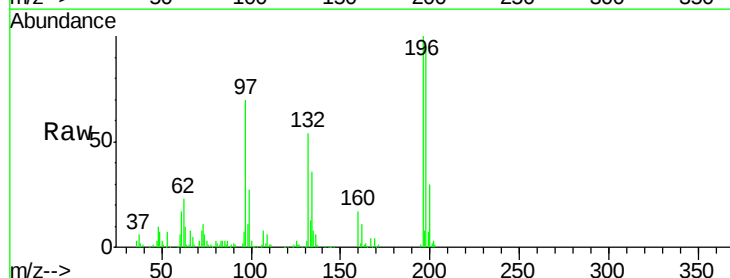


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

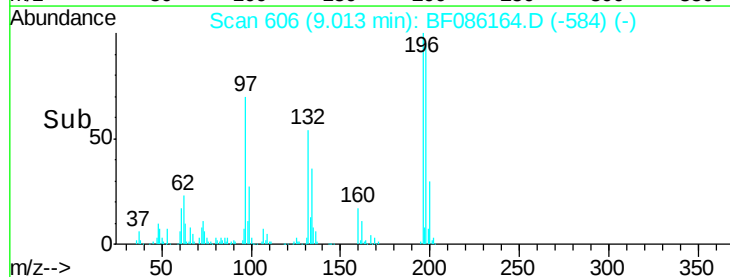
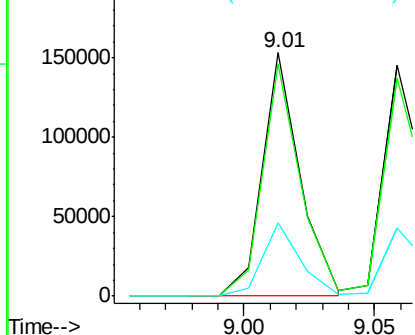


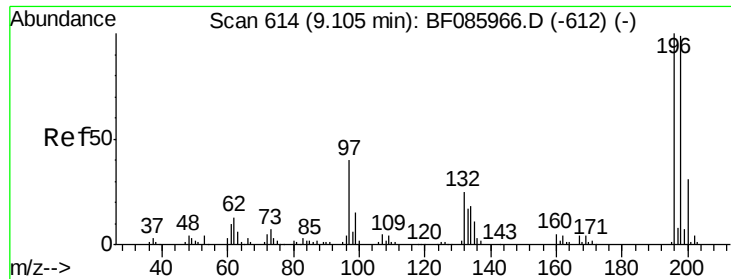
#42
 2,4,6-Trichlorophenol
 Concen: 37.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:196 Resp: 154106
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.3 112.9
 200 29.9 23.7 35.5



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

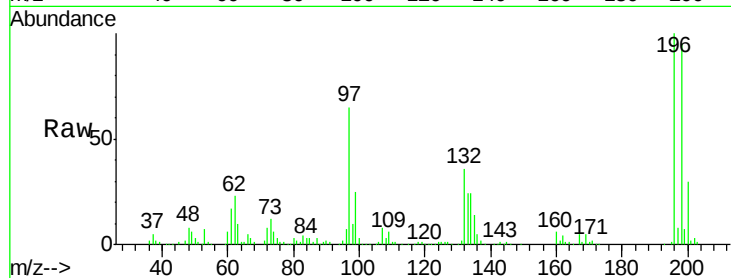




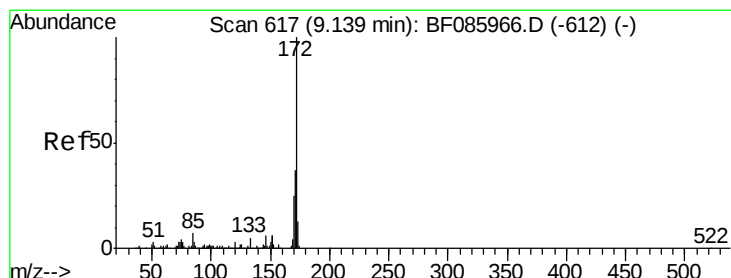
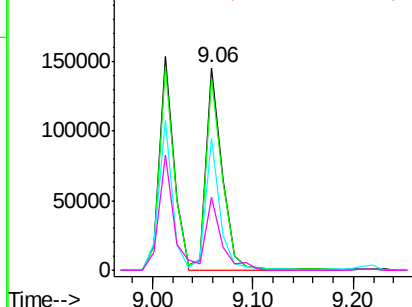
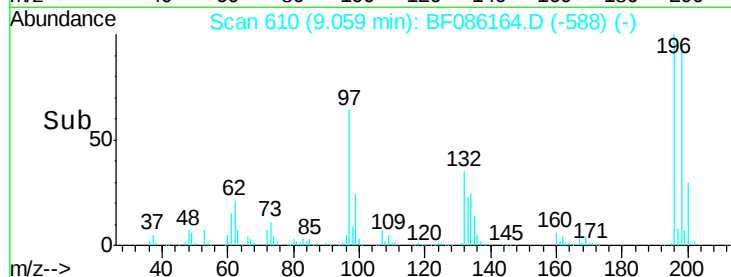
#43
 2,4,5-Trichlorophenol
 Concen: 38.50 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tgt Ion:196 Resp: 160713
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 114.8
 97 65.0 30.5 45.7#
 132 35.9 20.2 30.2#

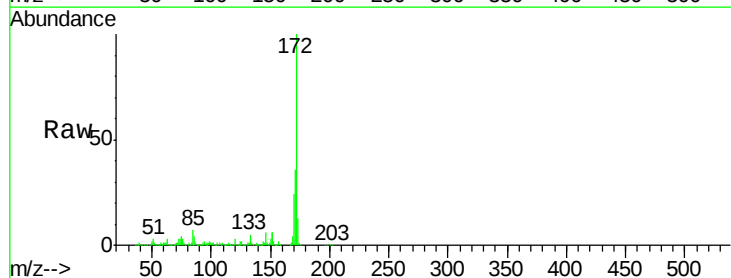


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

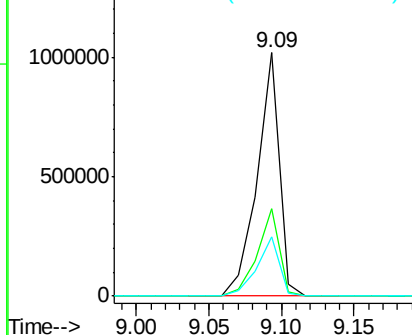
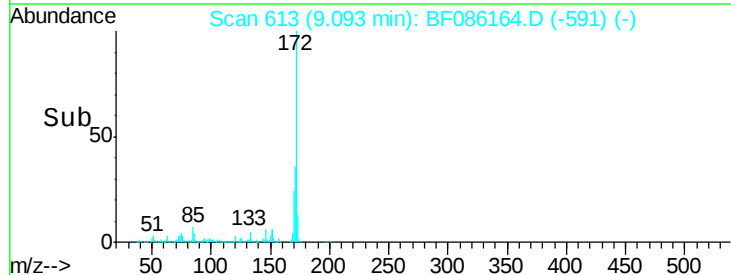


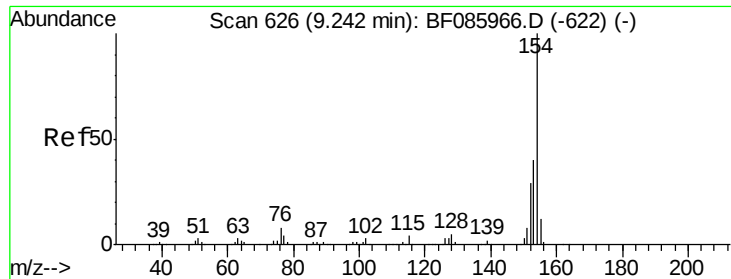
#44
 2-Fluorobiphenyl
 Concen: 84.18 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:172 Resp: 1078593
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.5 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

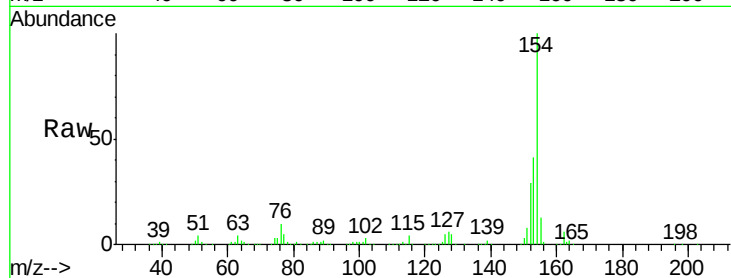




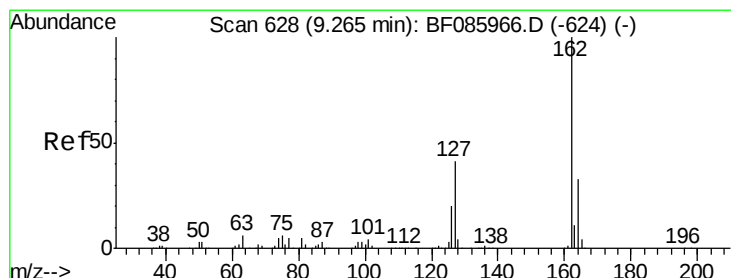
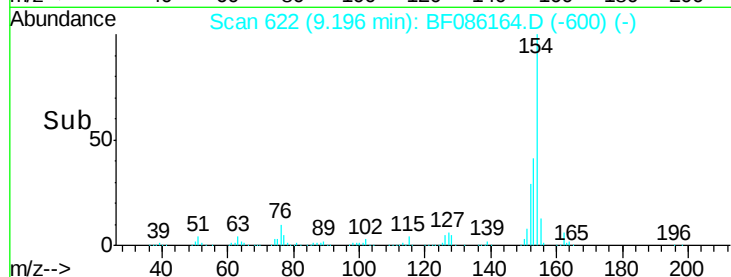
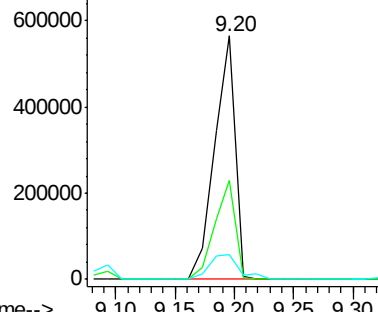
#45
 1,1'-Biphenyl
 Concen: 37.18 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tgt Ion:	154	Resp:	683017
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	9.9	0.0	36.7

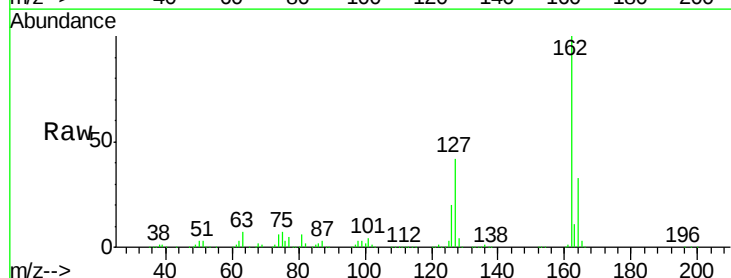


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

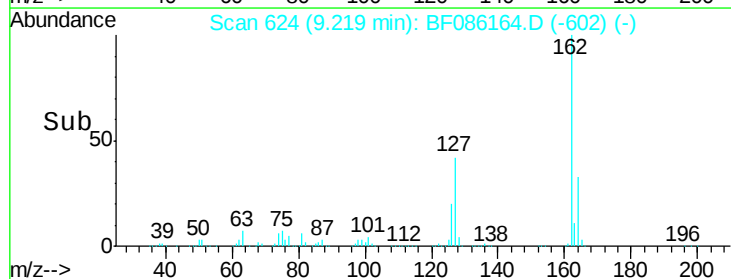
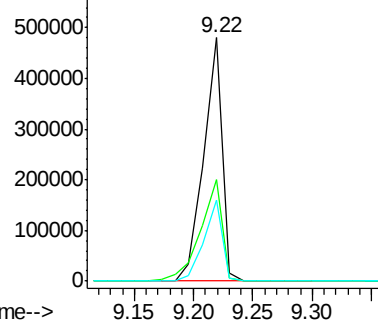


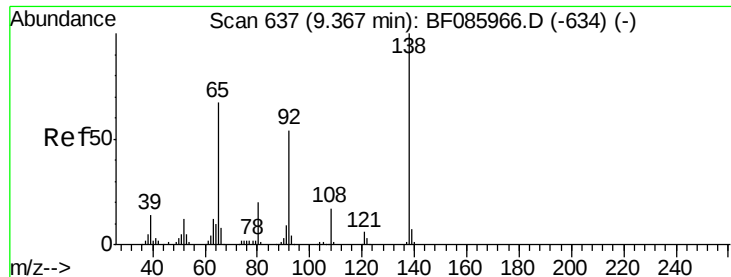
#46
 2-Chloronaphthalene
 Concen: 38.84 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:	162	Resp:	517243
Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.7	47.5
164	33.1	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

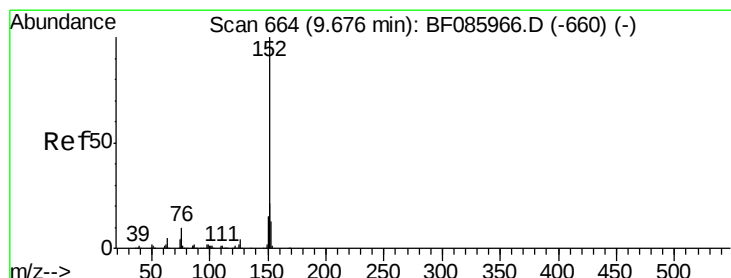
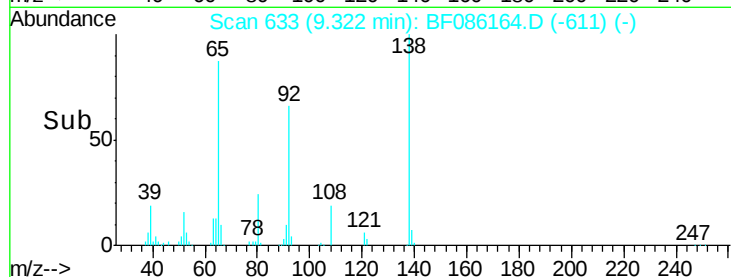
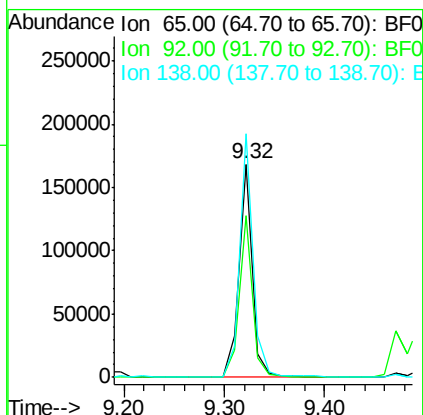
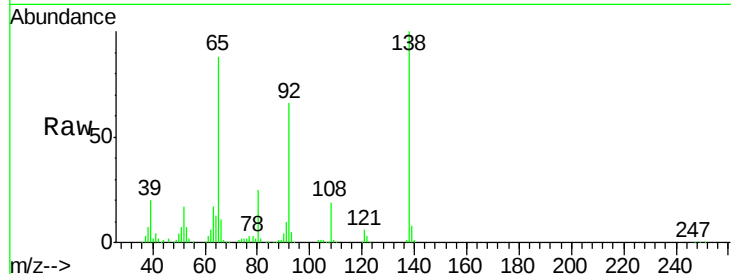




#47
2-Nitroaniline
Concen: 40.04 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

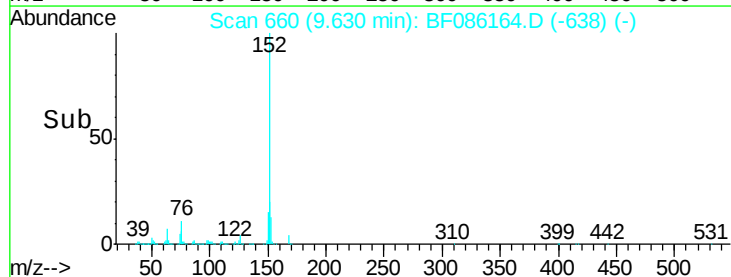
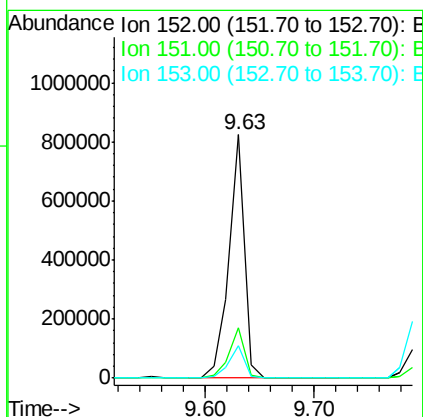
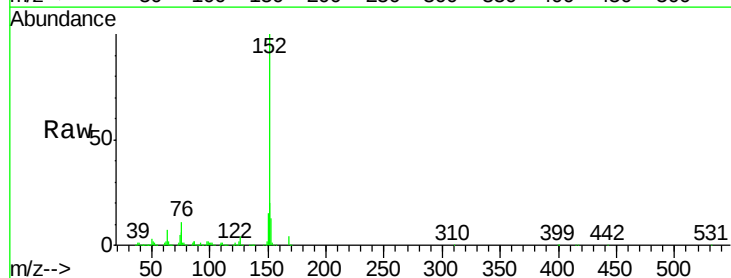
Instrument :
BNA_F
ClientSampleId :
PB89567BS

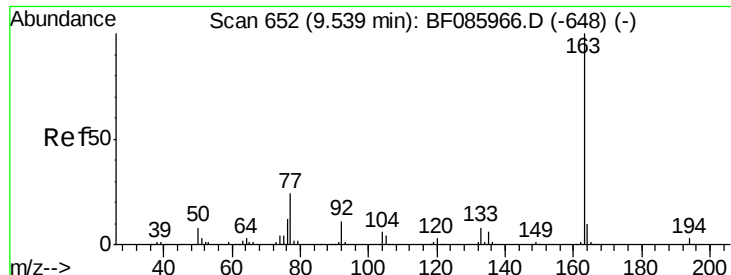
Tgt Ion: 65 Resp: 155998
Ion Ratio Lower Upper
65 100
92 75.8 59.7 89.5
138 114.2 91.4 137.0



#48
Acenaphthylene
Concen: 38.02 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion: 152 Resp: 811066
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.3 10.9 16.3





#49

Dimethylphthalate

Concen: 38.88 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

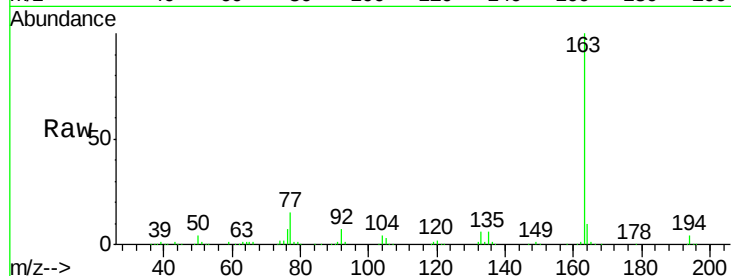
Tgt Ion:163 Resp: 613944

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

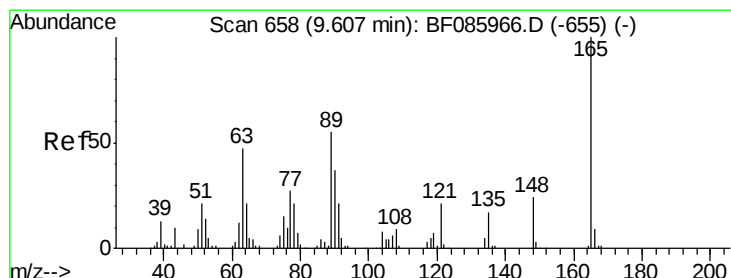
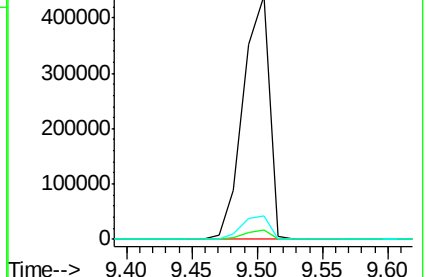
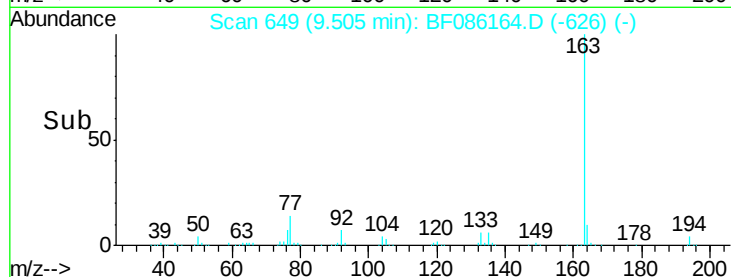
164 9.7 8.3 12.5



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: 35.72 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

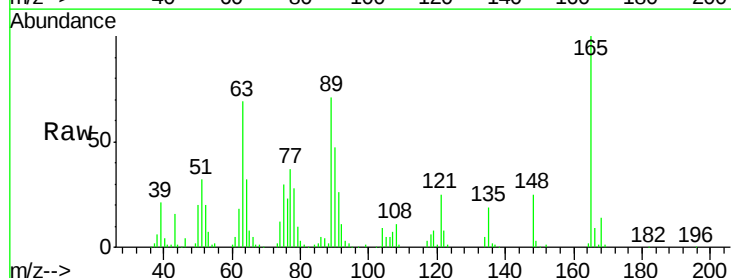
Tgt Ion:165 Resp: 119329

Ion Ratio Lower Upper

165 100

63 68.6 51.8 77.8

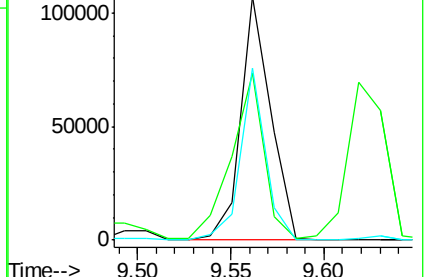
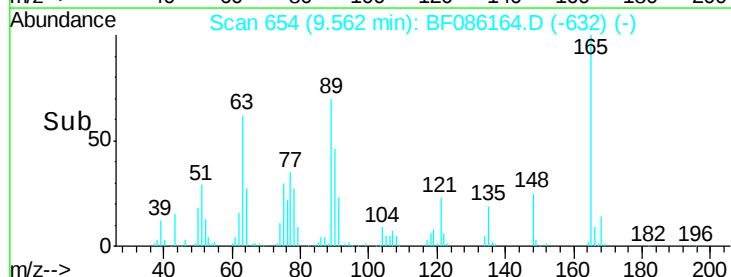
89 70.8 53.7 80.5

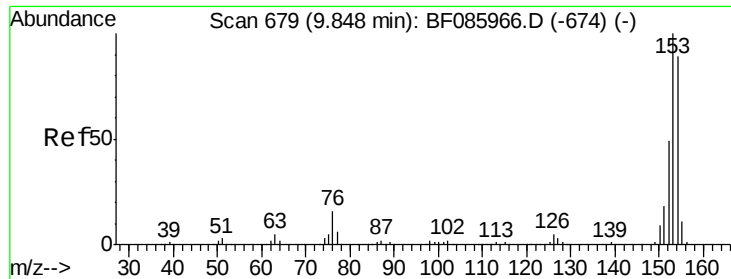


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.57 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

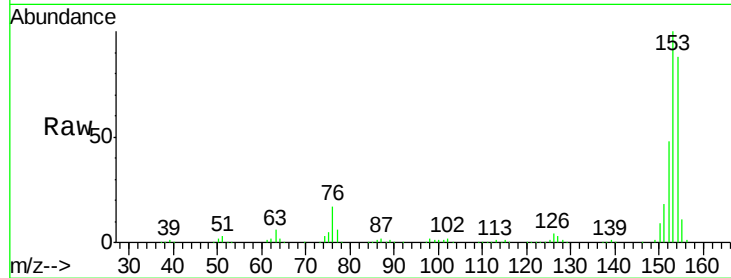
Tgt Ion:154 Resp: 489259

Ion Ratio Lower Upper

154 100

153 114.2 90.1 135.1

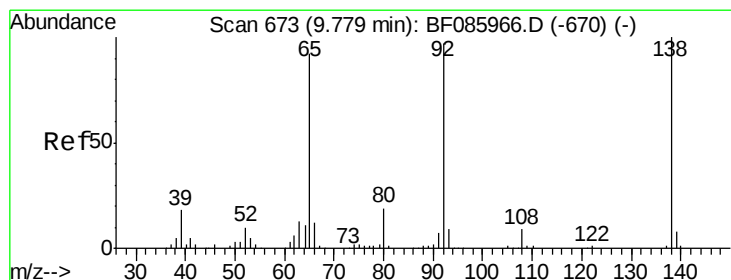
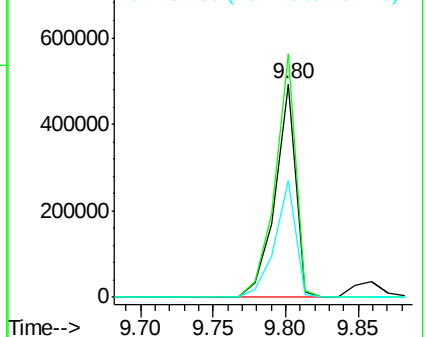
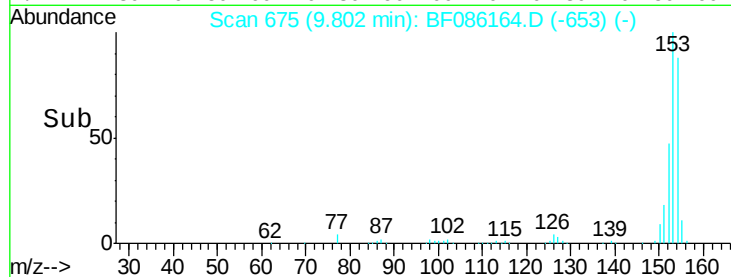
152 54.8 44.2 66.2



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: 17.84 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

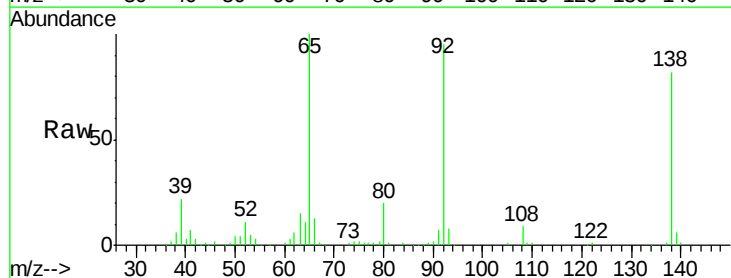
Tgt Ion:138 Resp: 71842

Ion Ratio Lower Upper

138 100

108 10.7 8.7 13.1

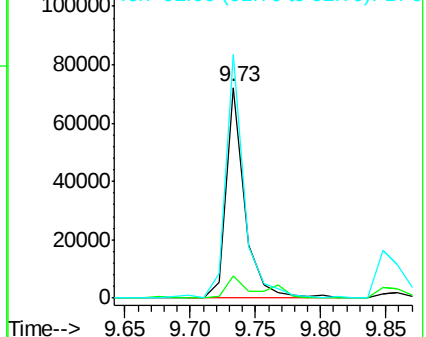
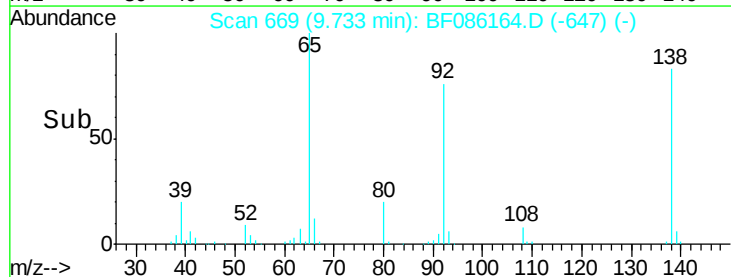
92 115.5 93.3 139.9

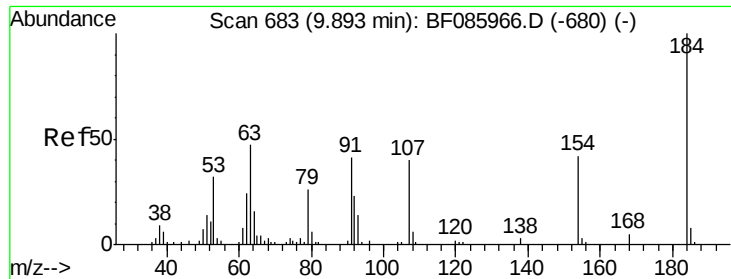


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

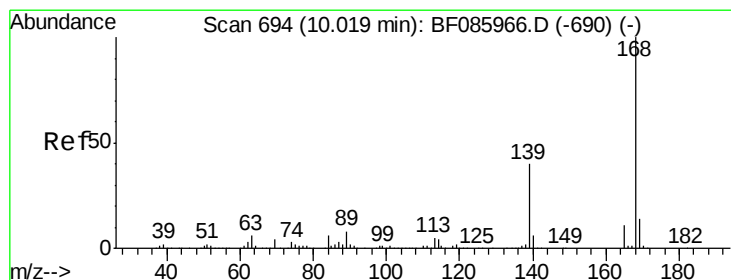
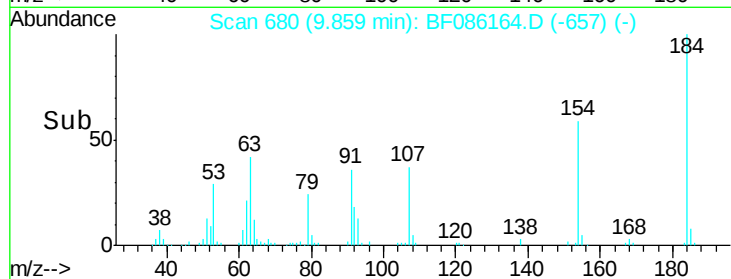
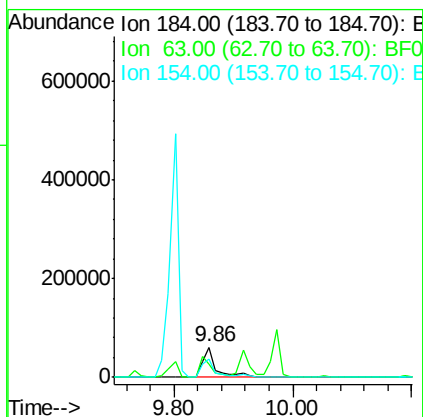
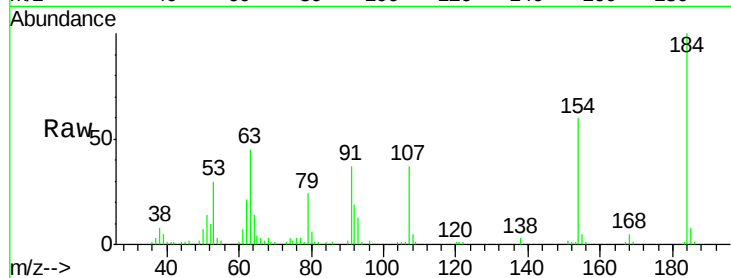




#53
 2,4-Dinitrophenol
 Concen: 53.66 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

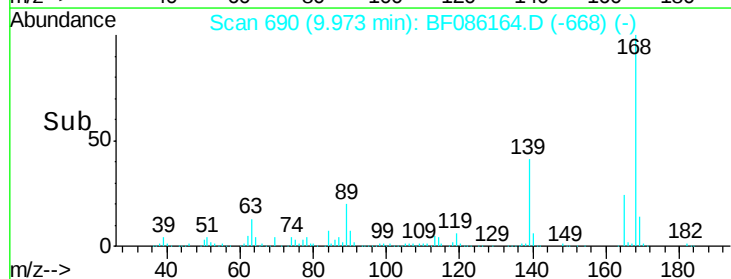
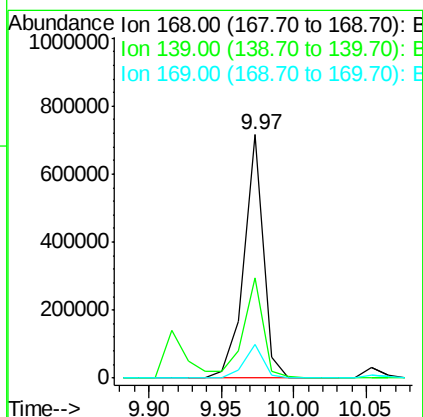
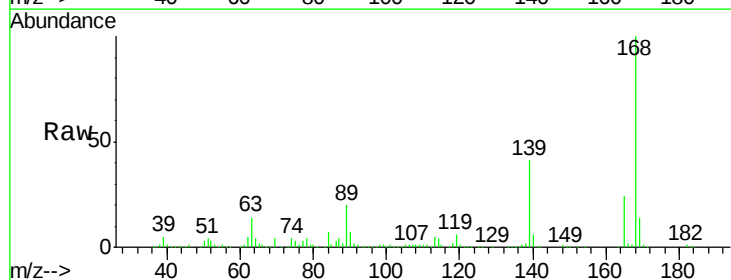
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

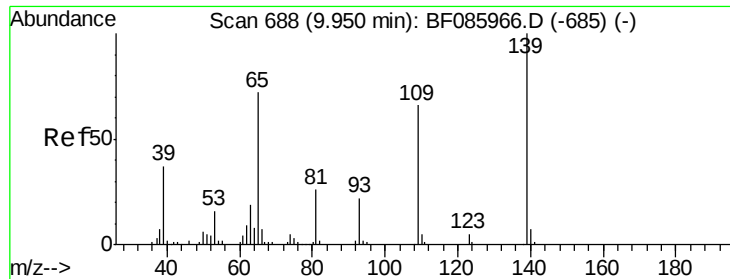
Tgt Ion:184 Resp: 101330
 Ion Ratio Lower Upper
 184 100
 63 44.7 69.5 104.3#
 154 59.6 58.3 87.5



#54
 Dibenzofuran
 Concen: 39.49 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:168 Resp: 661633
 Ion Ratio Lower Upper
 168 100
 139 41.2 31.9 47.9
 169 13.7 11.0 16.6





#55

4-Nitrophenol

Concen: 61.02 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

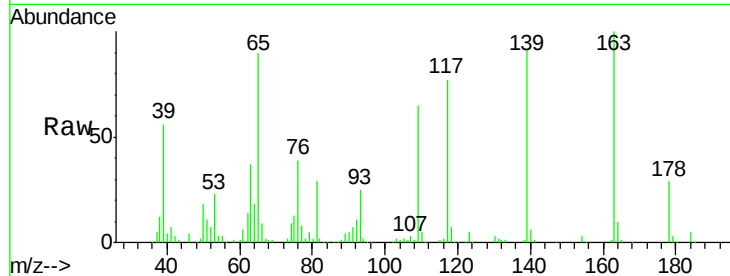
Tgt Ion:139 Resp: 144838

Ion Ratio Lower Upper

139 100

109 71.3 49.2 89.2

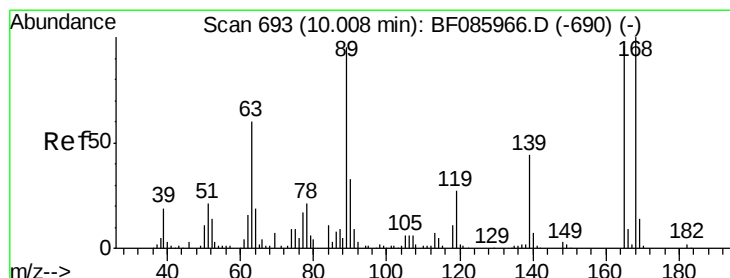
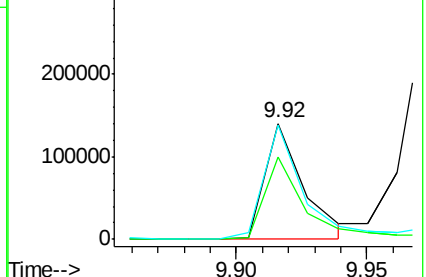
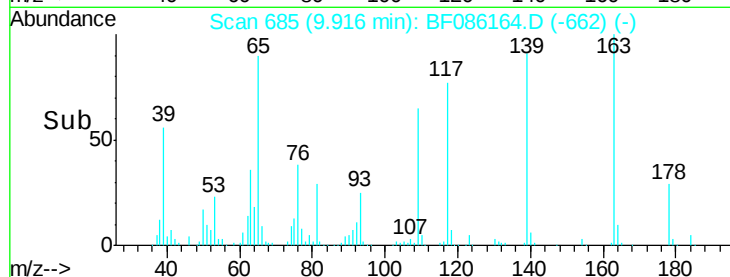
65 99.2 66.9 106.9



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



#56

2,4-Dinitrotoluene

Concen: 36.65 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:165 Resp: 154716

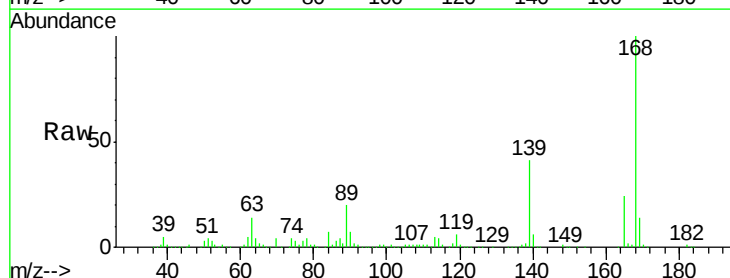
Ion Ratio Lower Upper

165 100

63 57.0 24.9 37.3#

89 84.2 41.0 61.6#

182 2.6 2.1 3.1

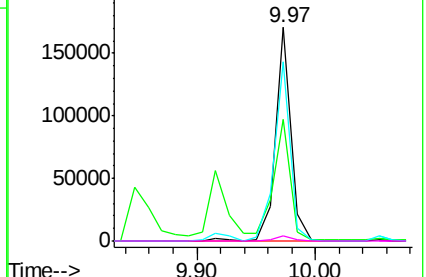
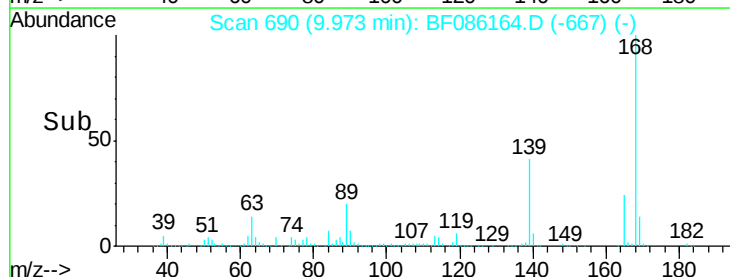


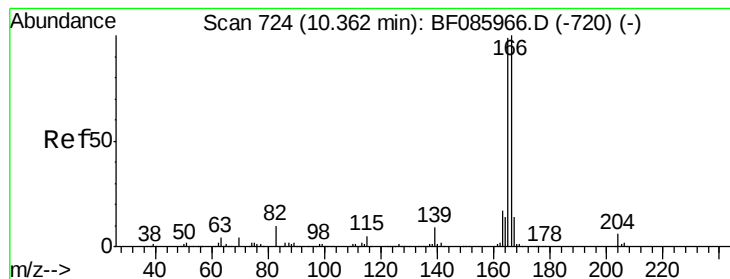
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 38.47 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

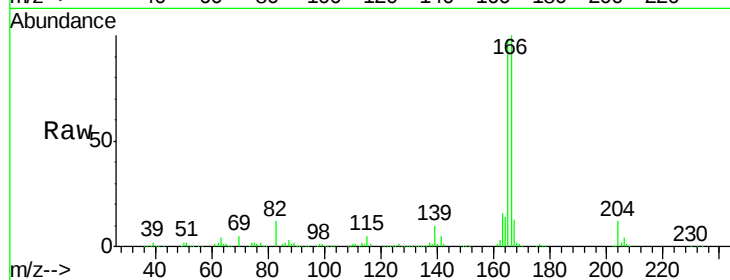
Tgt Ion:166 Resp: 550633

Ion Ratio Lower Upper

166 100

165 98.4 79.4 119.0

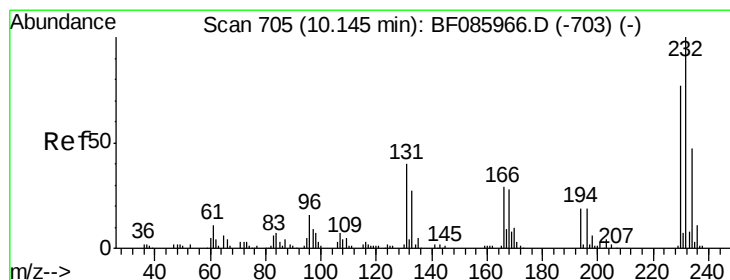
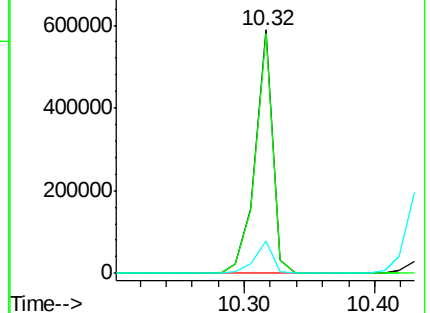
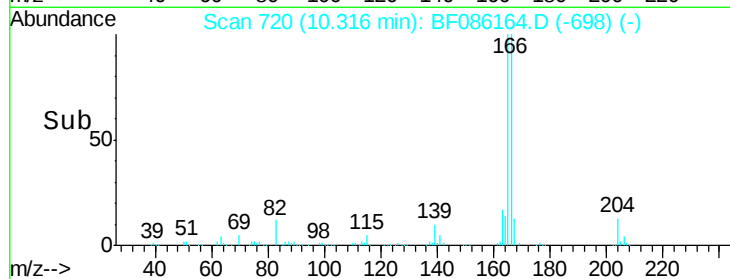
167 13.1 11.0 16.4



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: 40.50 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:232 Resp: 125886

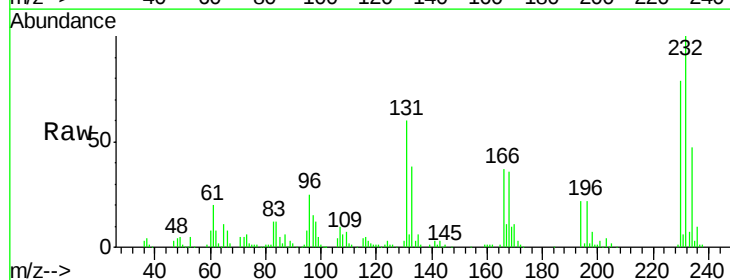
Ion Ratio Lower Upper

232 100

131 56.3 44.9 67.3

130 2.7 2.3 3.5

166 33.3 28.1 42.1

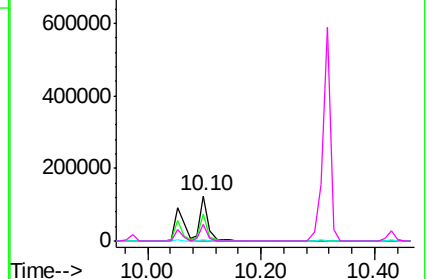
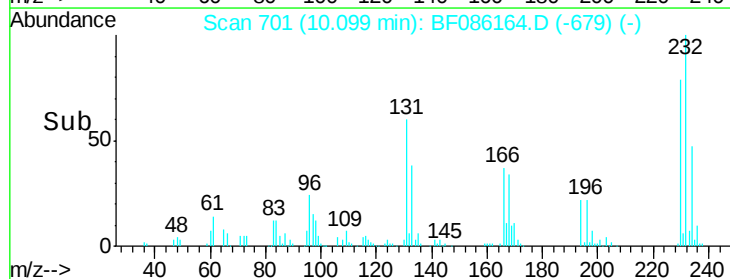


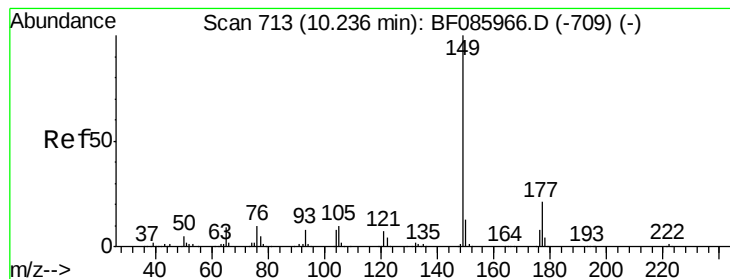
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.96 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

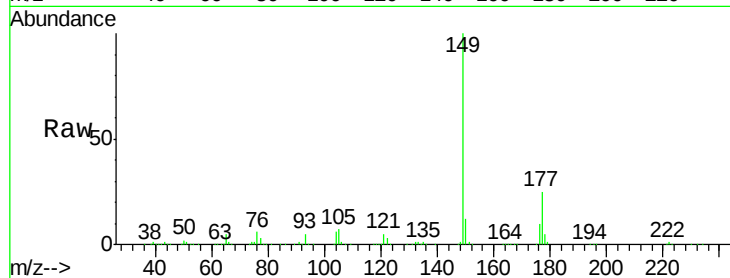
Tgt Ion:149 Resp: 573181

Ion Ratio Lower Upper

149 100

177 24.8 17.9 26.9

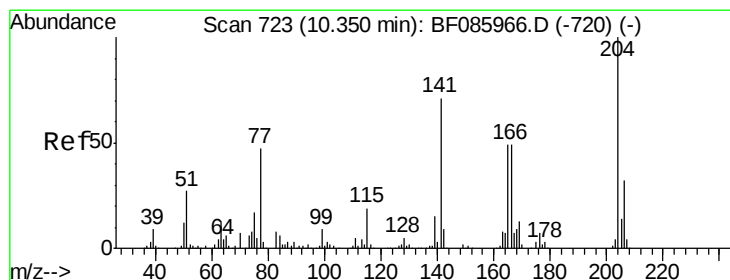
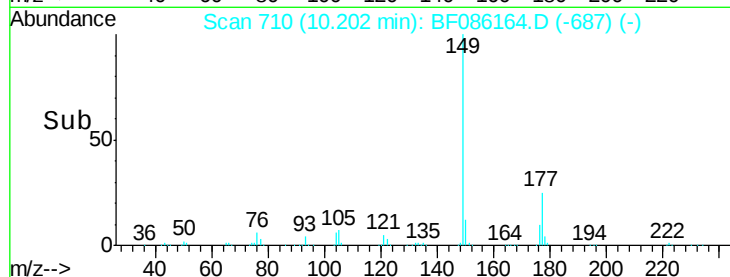
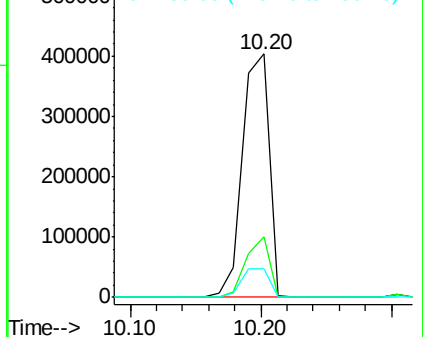
150 12.0 10.2 15.2



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: 35.26 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

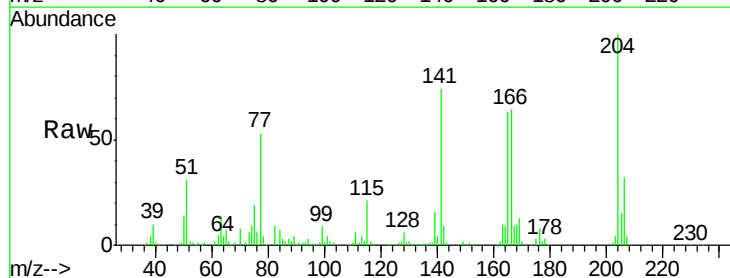
Tgt Ion:204 Resp: 235086

Ion Ratio Lower Upper

204 100

206 32.0 26.6 39.8

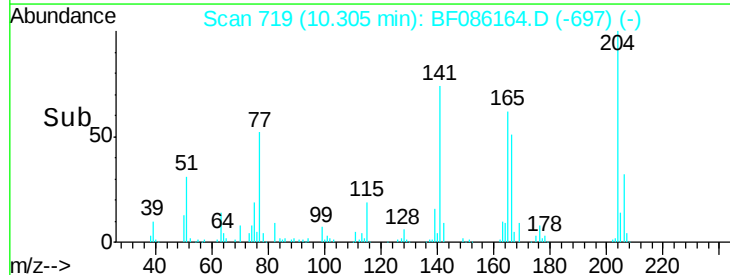
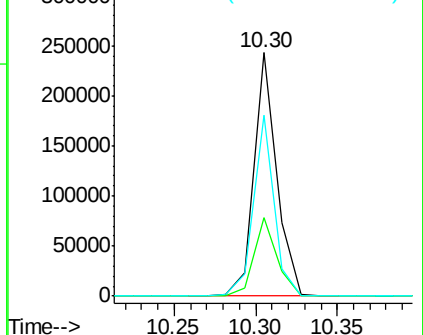
141 74.5 57.4 86.0

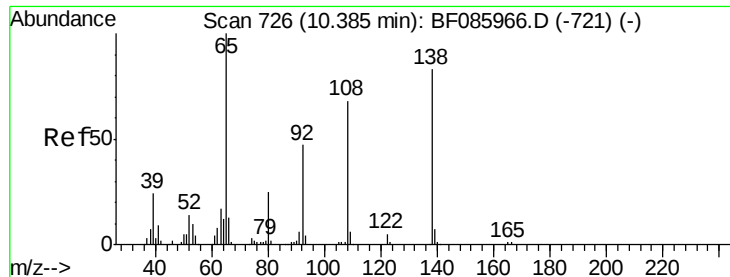


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

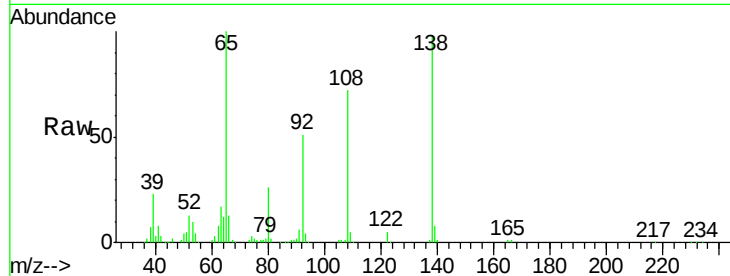




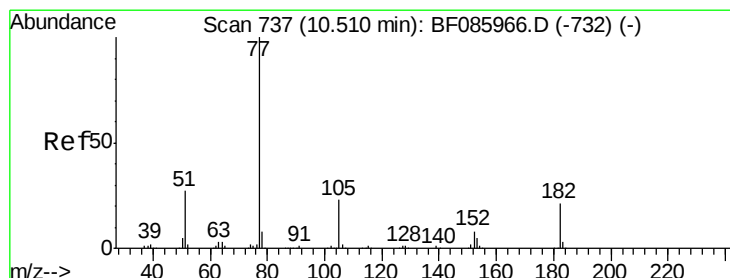
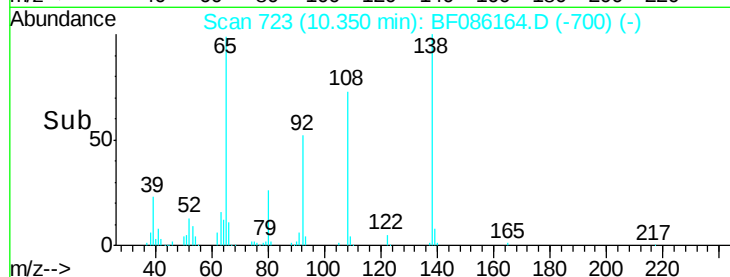
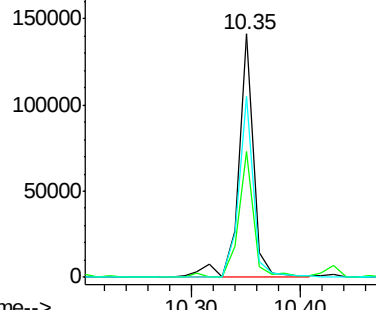
#61
4-Nitroaniline
Concen: 34.65 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tgt Ion:138 Resp: 137393
Ion Ratio Lower Upper
138 100
92 51.8 26.4 66.4
108 74.2 49.0 89.0

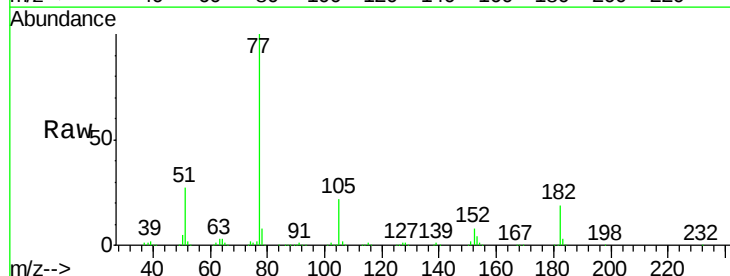


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

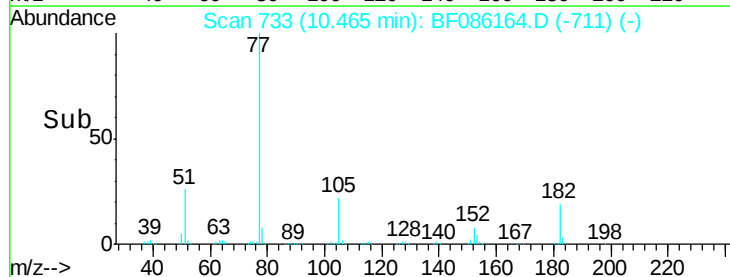
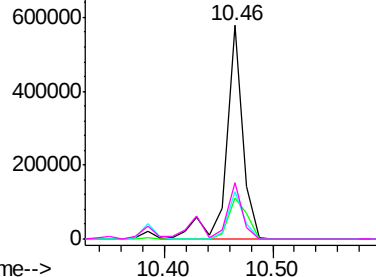


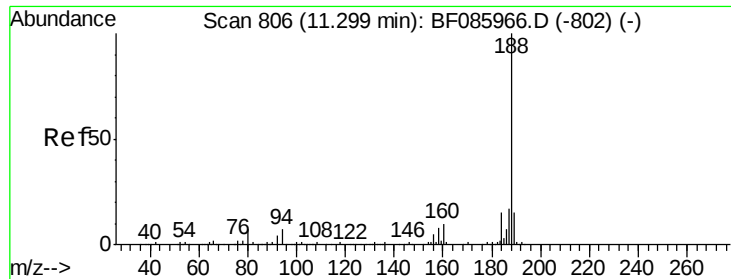
#62
Azobenzene
Concen: 40.37 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion: 77 Resp: 616267
Ion Ratio Lower Upper
77 100
182 19.3 1.9 41.9
105 22.4 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

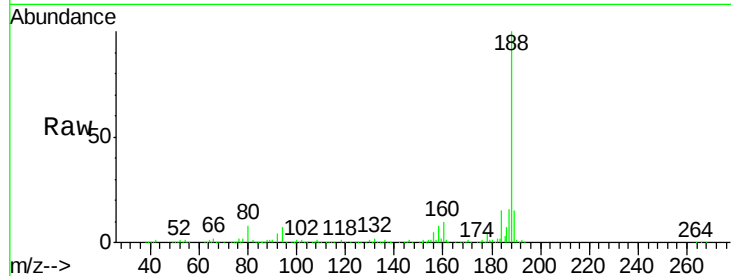




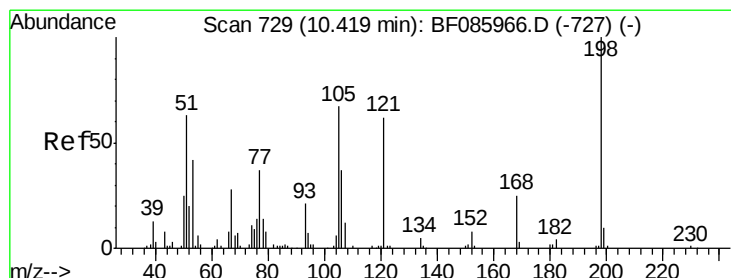
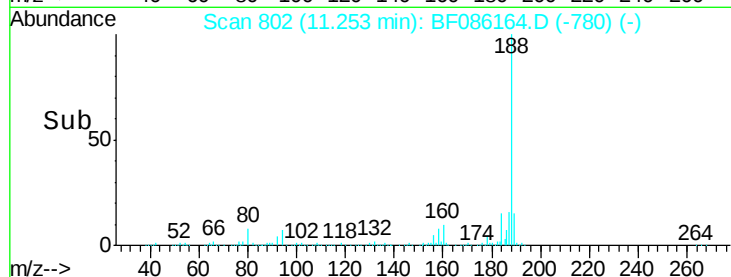
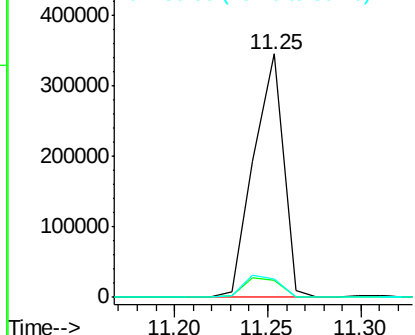
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tgt Ion:188 Resp: 382346
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 7.6 5.5 8.3

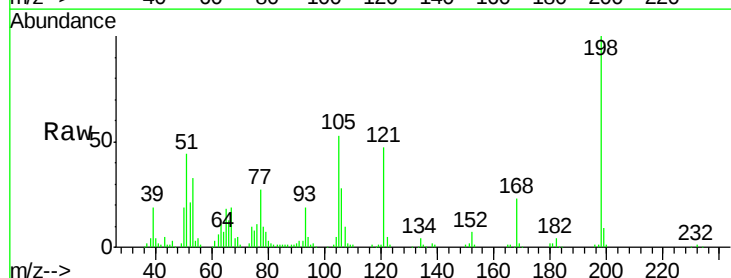


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

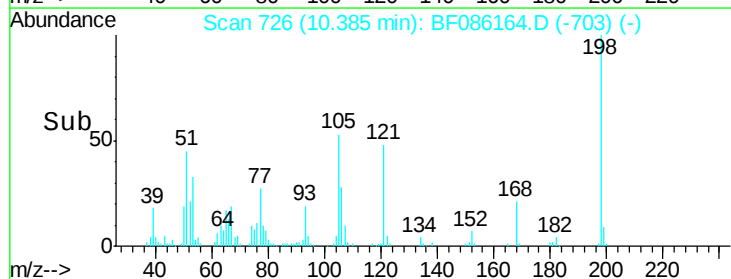
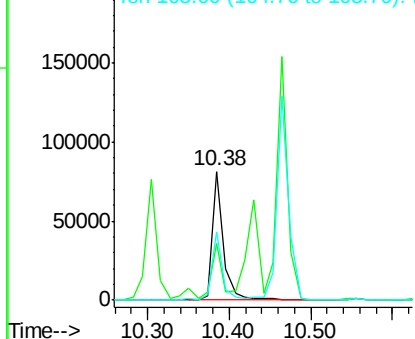


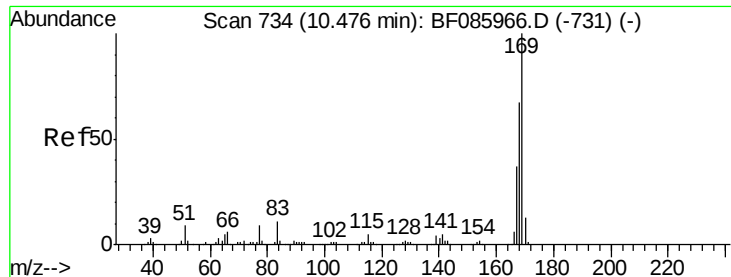
#64
4,6-Dinitro-2-methylphenol
Concen: 33.94 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:198 Resp: 78632
Ion Ratio Lower Upper
198 100
51 44.4 45.4 85.4#
105 52.9 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: 39.96 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

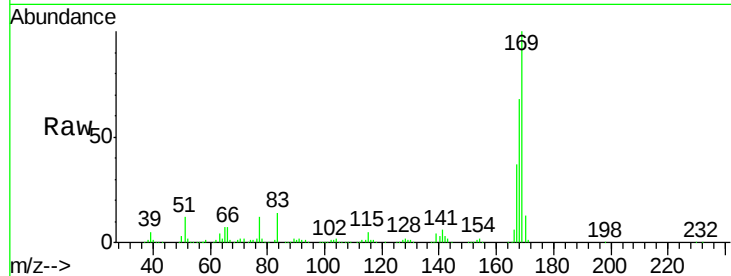
Tgt Ion:169 Resp: 477821

Ion Ratio Lower Upper

169 100

168 67.5 54.4 81.6

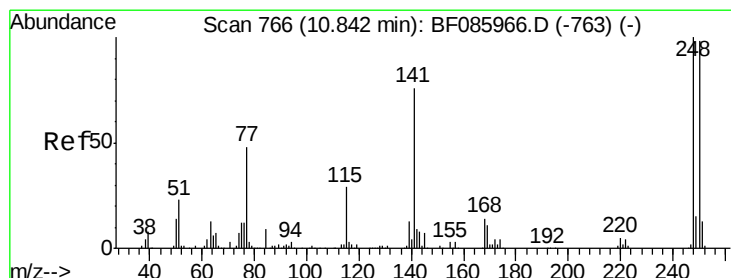
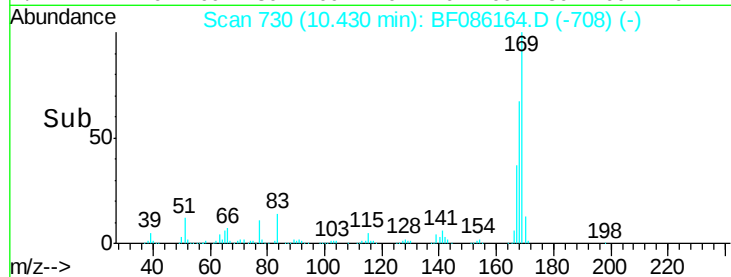
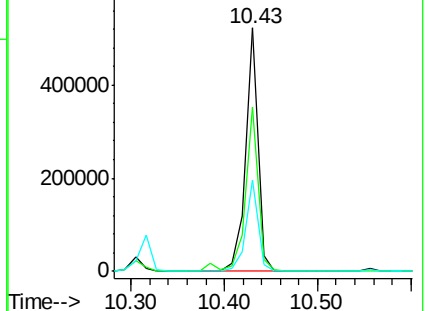
167 37.4 29.4 44.0



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: 40.67 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

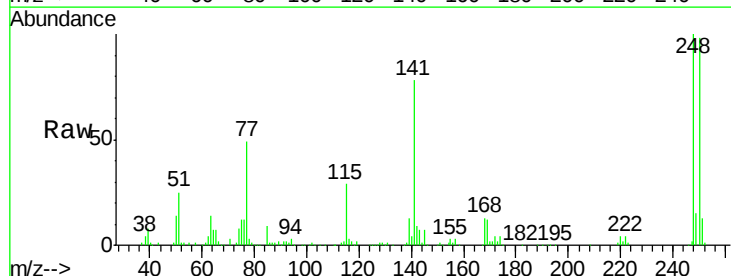
Tgt Ion:248 Resp: 158772

Ion Ratio Lower Upper

248 100

250 97.9 77.4 116.0

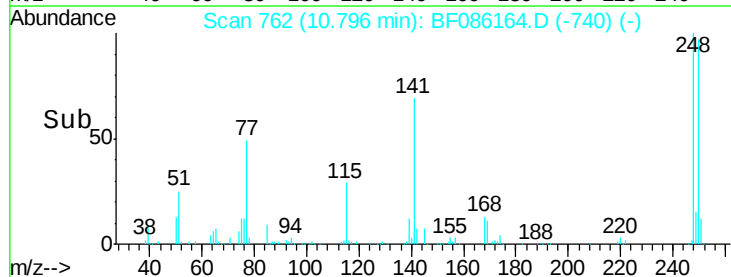
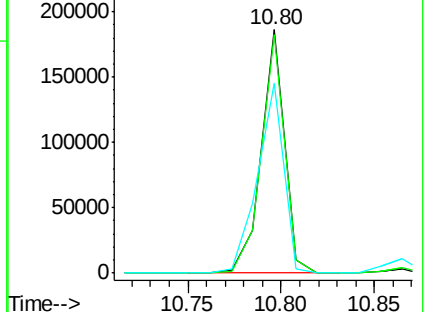
141 77.9 63.6 95.4

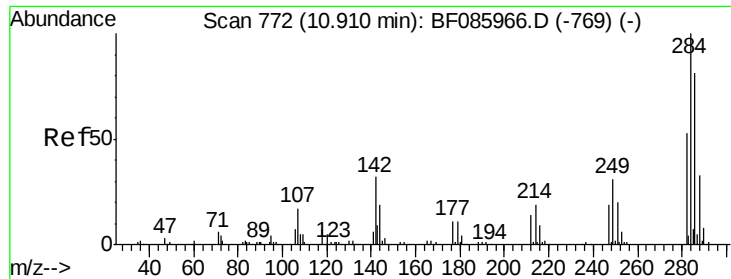


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

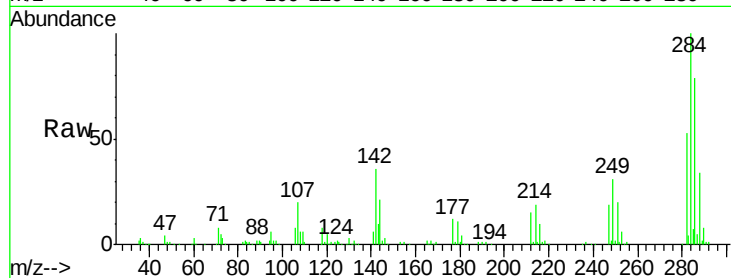




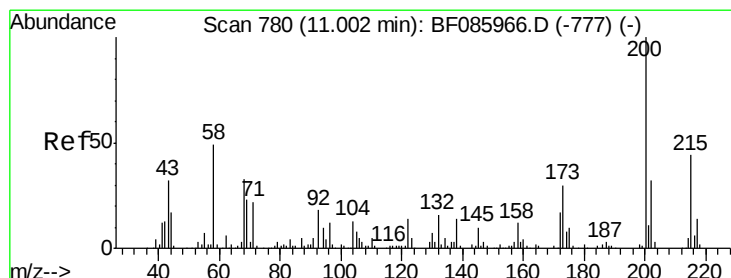
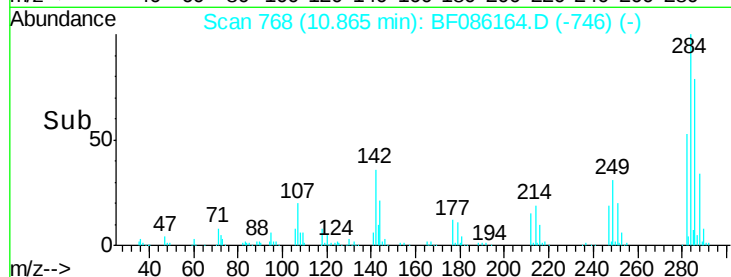
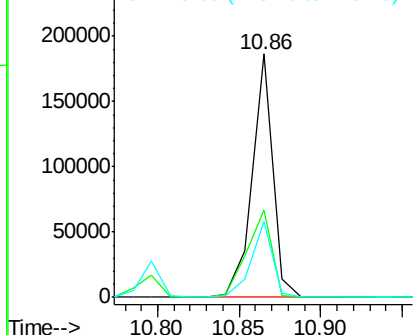
#67
Hexachlorobenzene
Concen: 40.54 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tgt Ion:284 Resp: 163645
Ion Ratio Lower Upper
284 100
142 36.1 23.1 34.7#
249 31.4 24.2 36.2

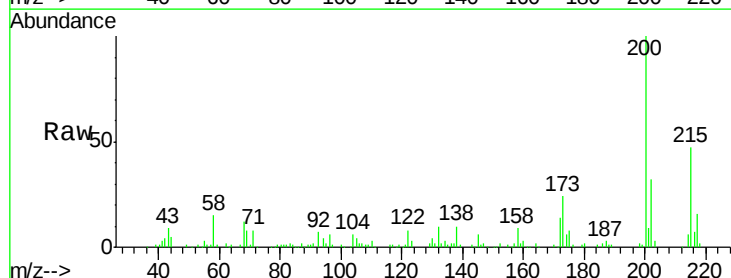


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

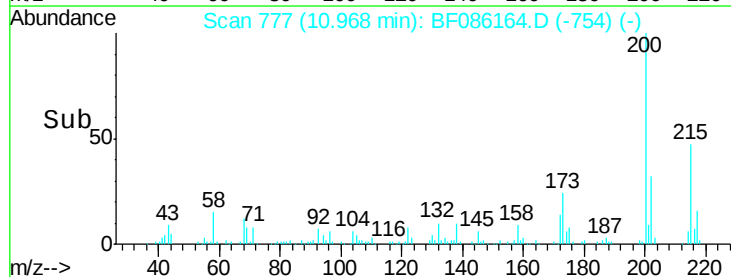
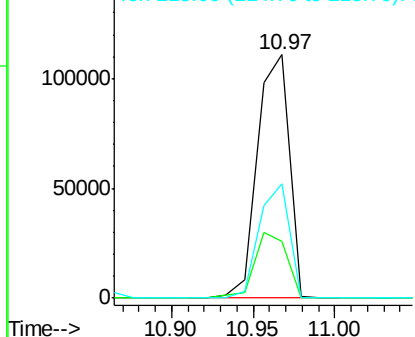


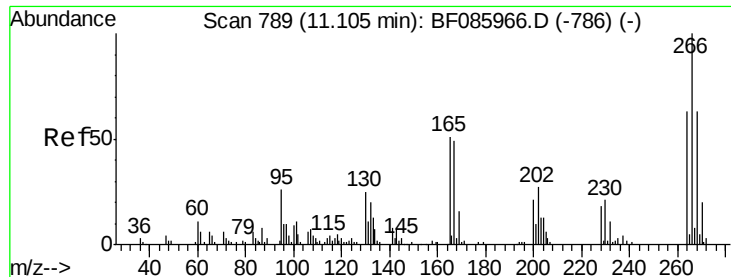
#68
Atrazine
Concen: 38.98 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:200 Resp: 150604
Ion Ratio Lower Upper
200 100
173 23.6 7.7 47.7
215 47.2 25.4 65.4



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

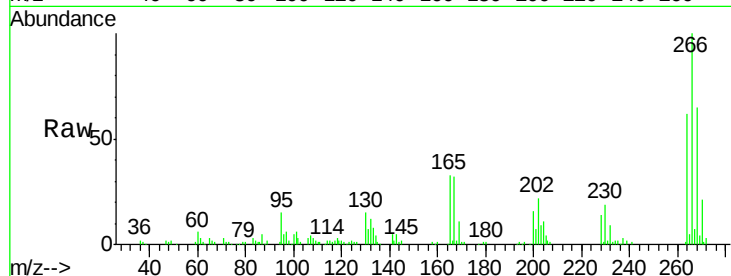




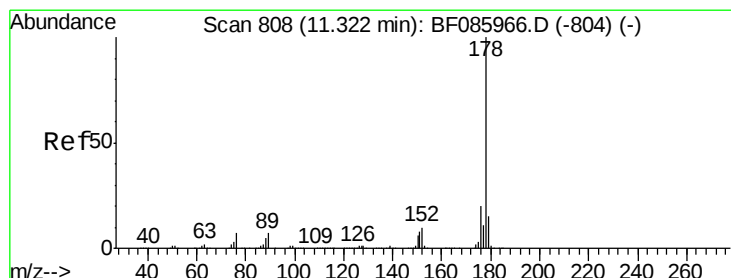
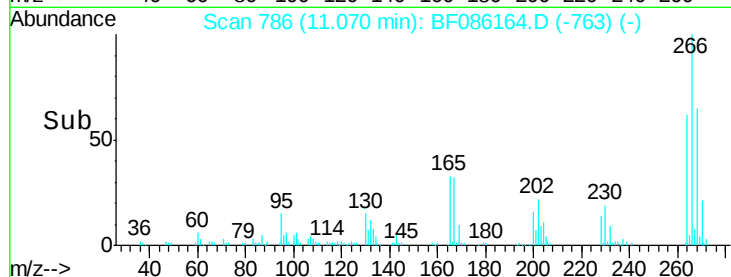
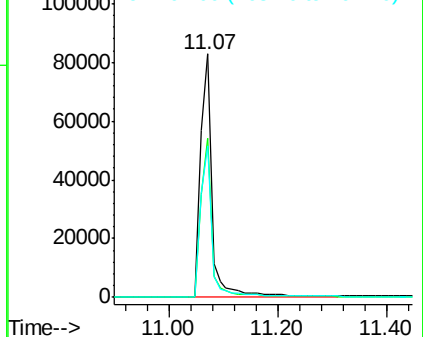
#69
 Pentachlorophenol
 Concen: 64.89 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tgt Ion:266 Resp: 122769
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.5 77.3
 264 62.3 50.6 76.0

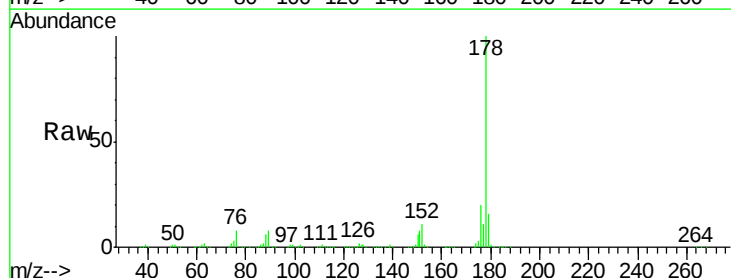


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

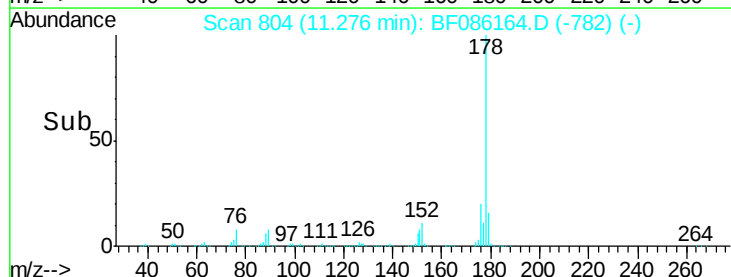
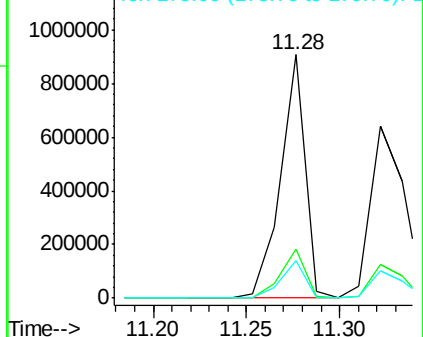


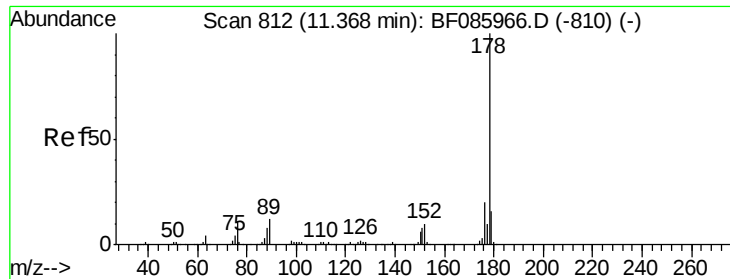
#70
 Phenanthrene
 Concen: 39.91 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:178 Resp: 832498
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.7 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

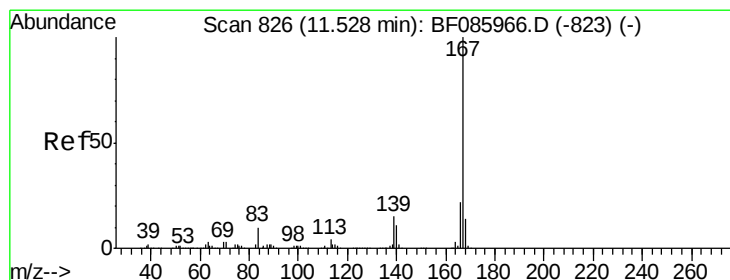
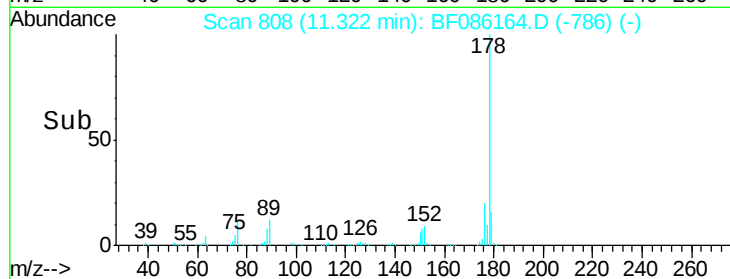
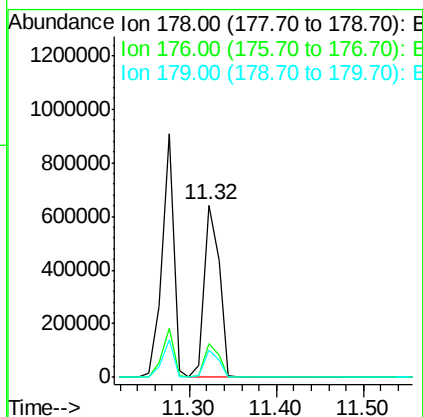
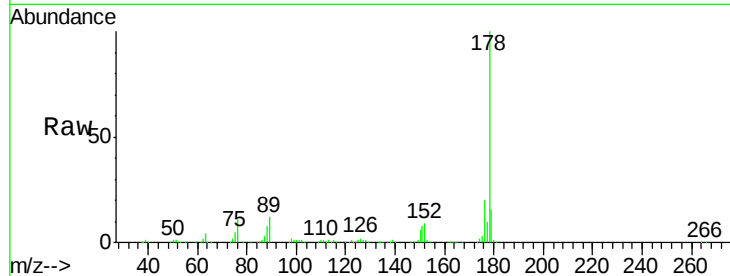




#71
 Anthracene
 Concen: 35.75 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

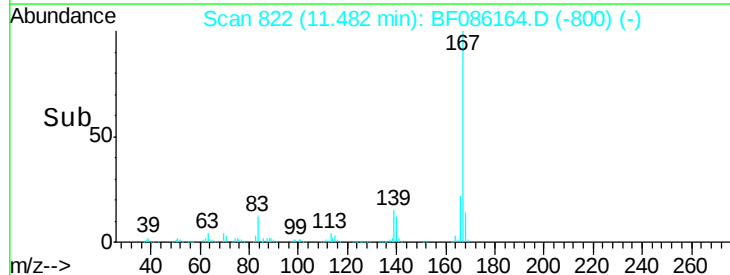
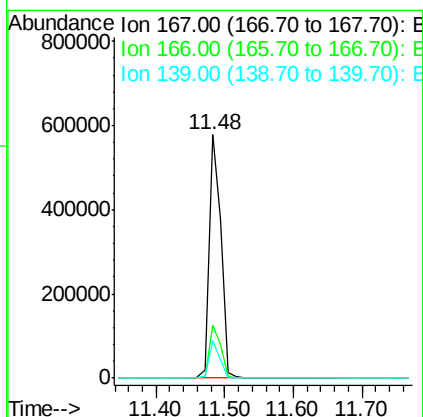
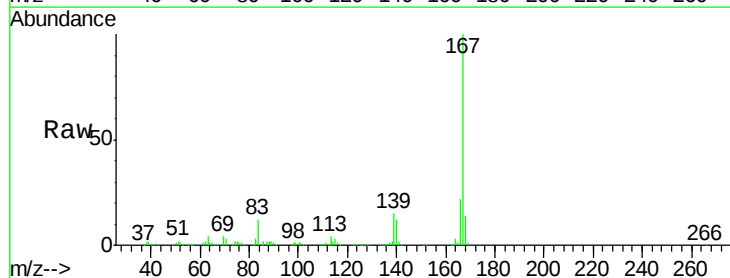
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

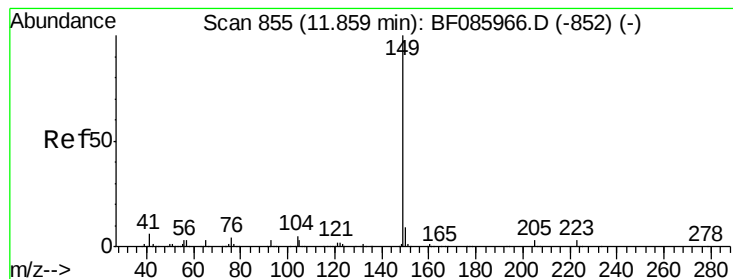
Tgt Ion:178 Resp: 781107
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.0 13.0 19.4



#72
 Carbazole
 Concen: 36.83 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:167 Resp: 691728
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 15.3 11.6 17.4





#73

Di-n-butylphthalate

Concen: 37.07 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

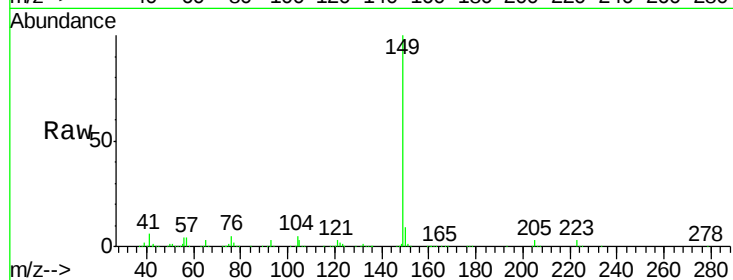
Tgt Ion:149 Resp: 862867

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

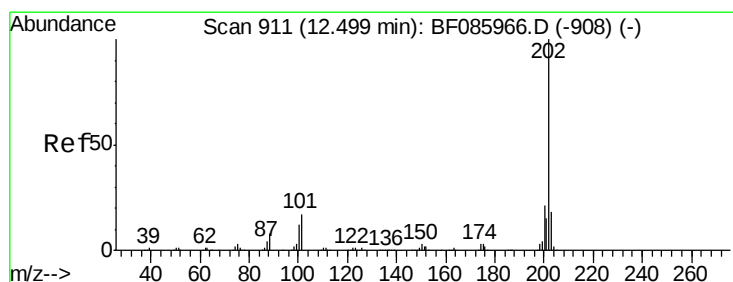
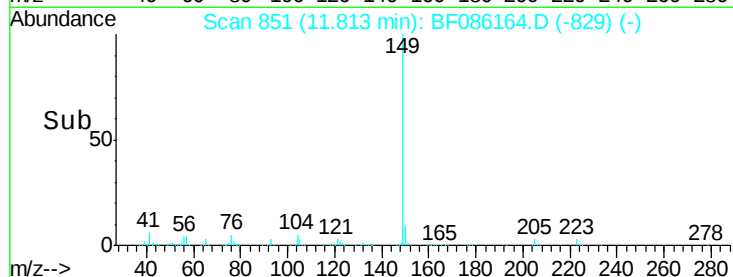
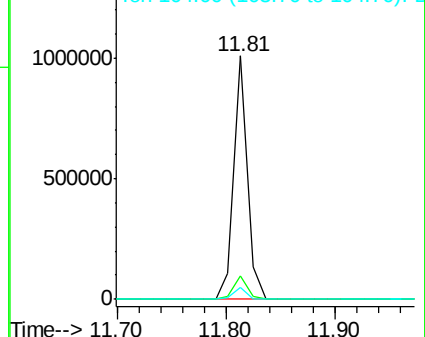
104 5.2 3.8 5.8



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: 37.07 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

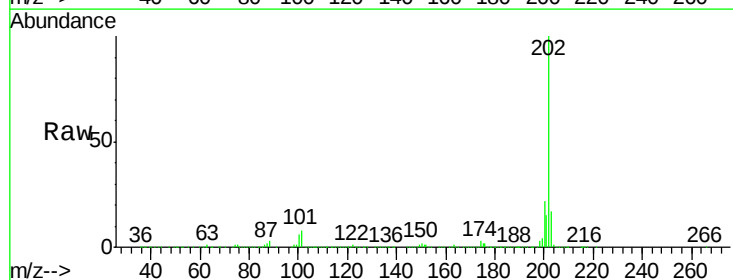
Tgt Ion:202 Resp: 804137

Ion Ratio Lower Upper

202 100

101 7.8 0.0 36.6

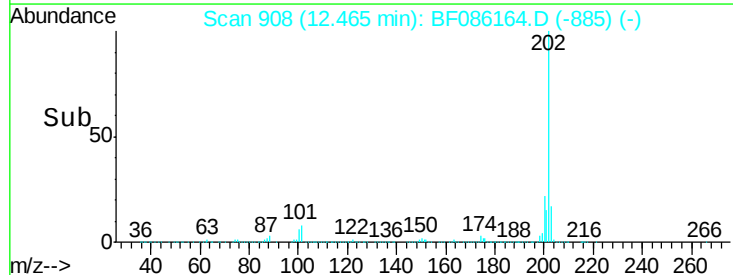
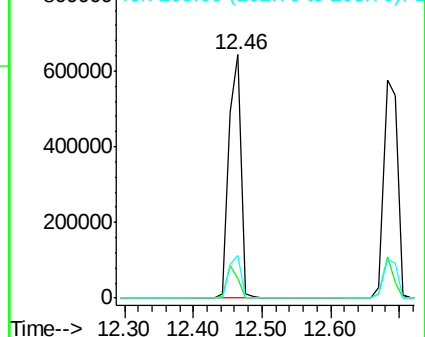
203 17.5 0.0 38.1

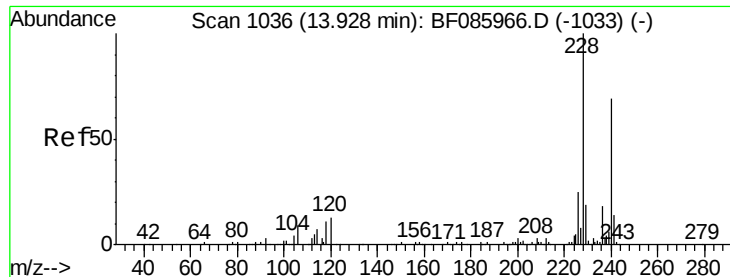


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

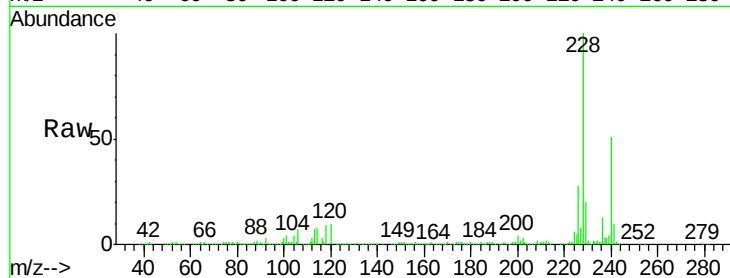
Tgt Ion:240 Resp: 278252

Ion Ratio Lower Upper

240 100

120 19.8 13.8 20.8

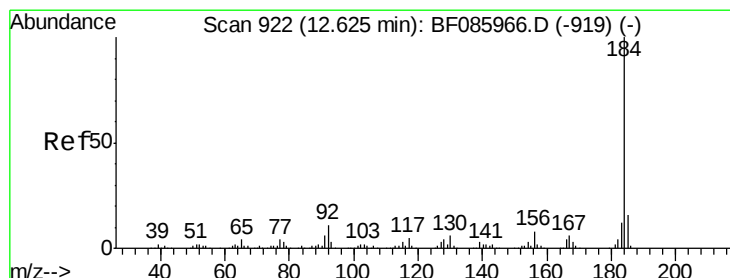
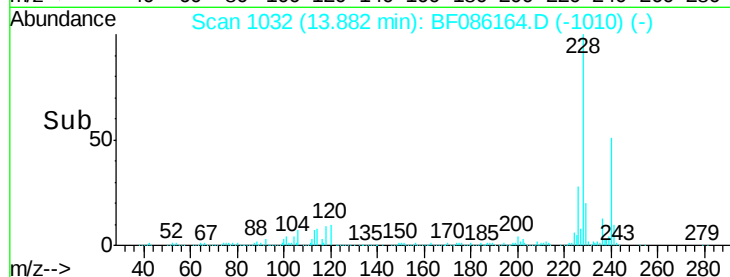
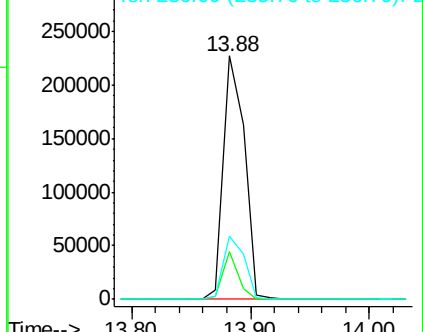
236 26.2 20.6 30.8



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: 29.60 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

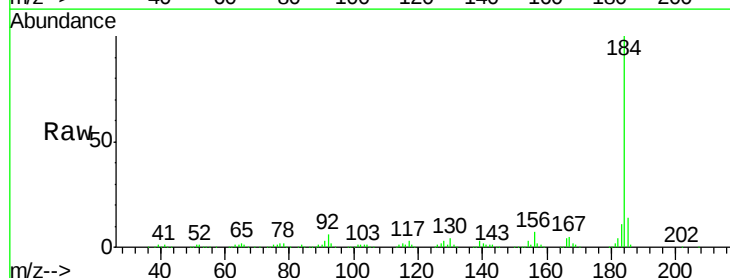
Tgt Ion:184 Resp: 290549

Ion Ratio Lower Upper

184 100

185 13.8 12.4 18.6

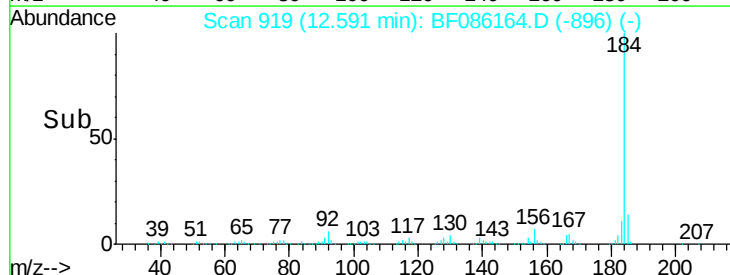
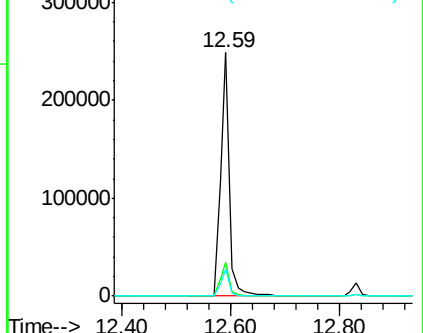
183 11.2 9.4 14.2

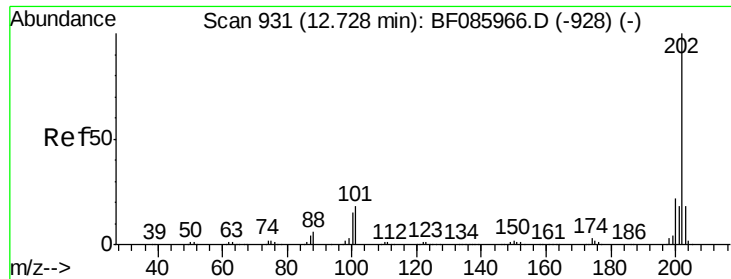


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

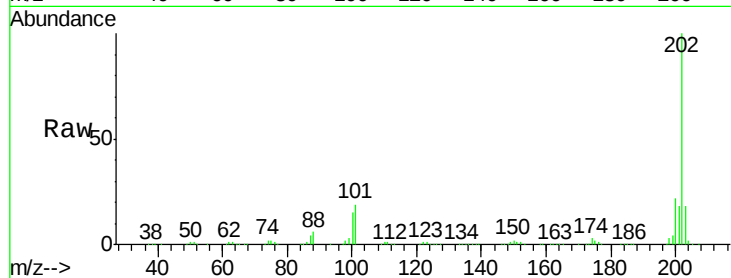




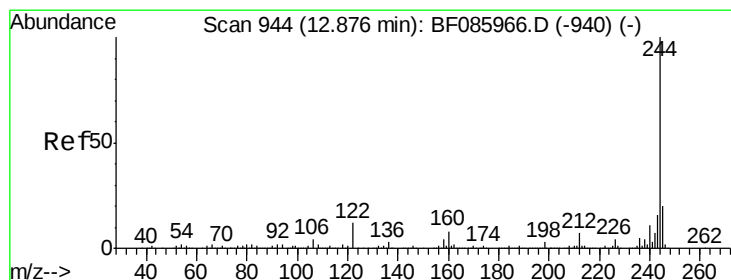
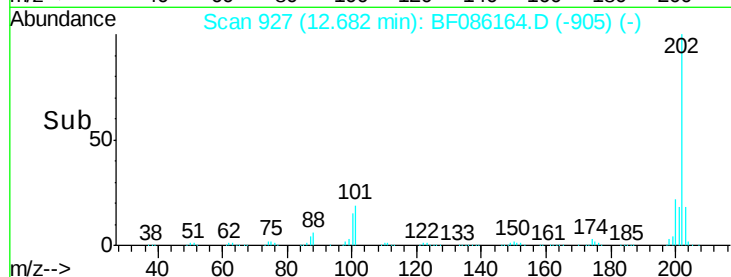
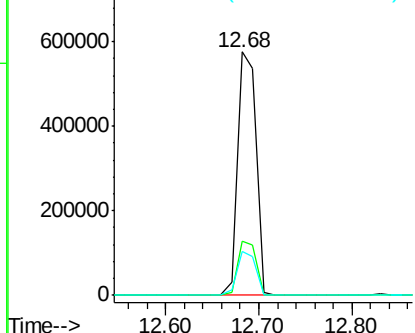
#77
 Pyrene
 Concen: 40.44 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.0	14.0	21.0

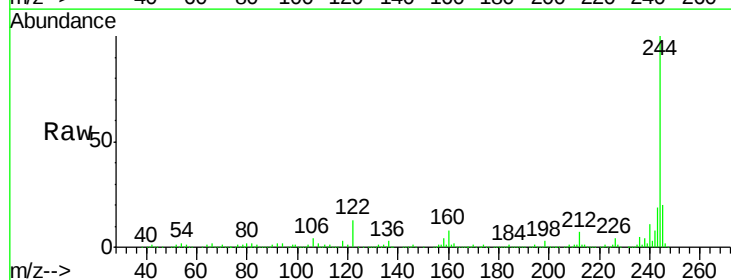


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

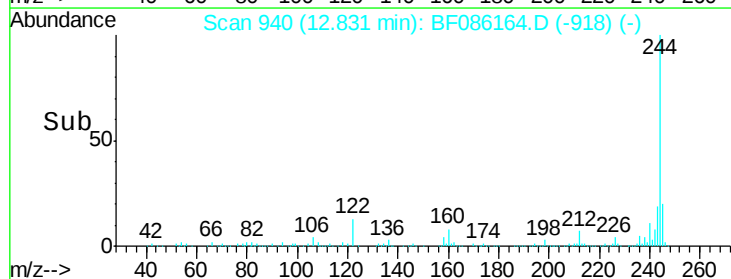
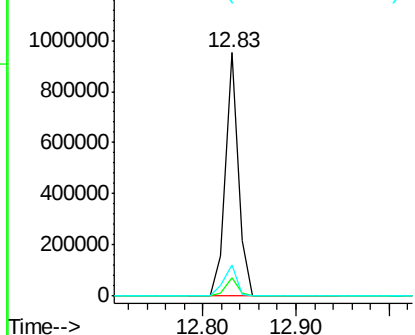


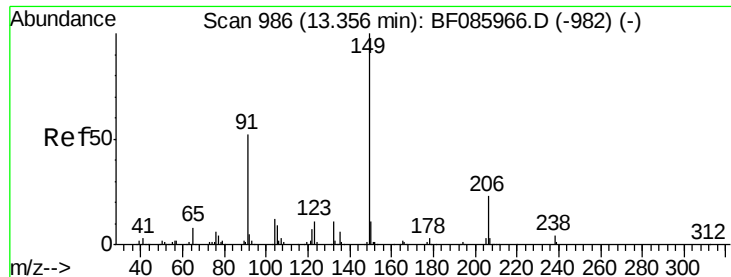
#78
 Terphenyl-d14
 Concen: 77.39 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.7	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

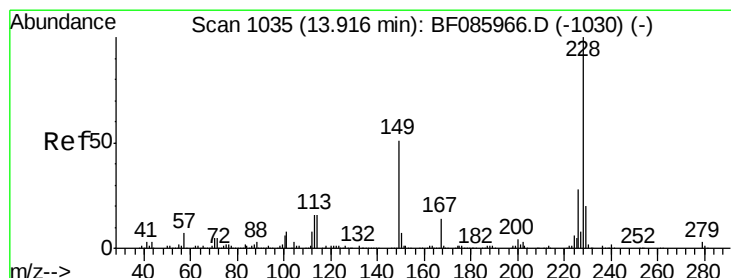
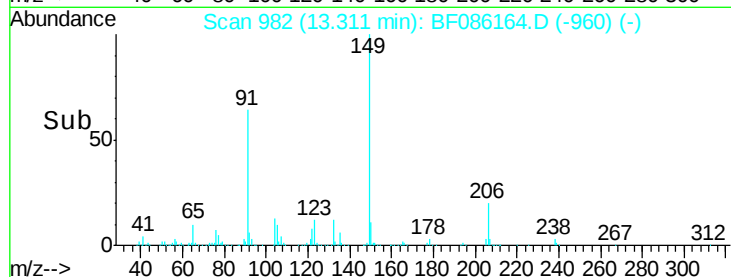
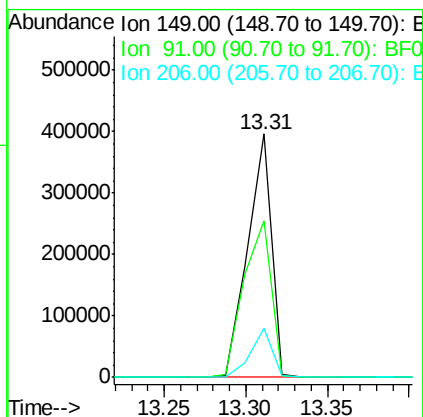
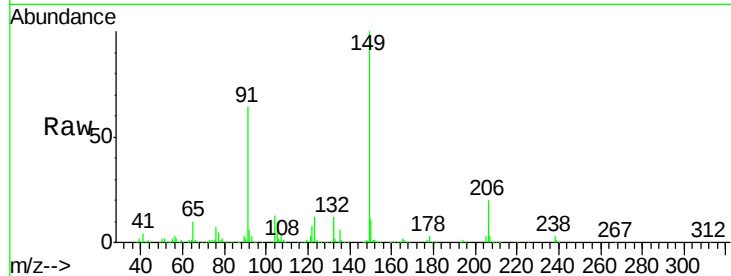




#79
Butylbenzylphthalate
Concen: 45.46 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

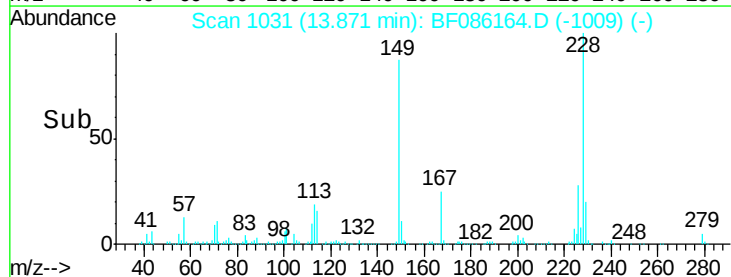
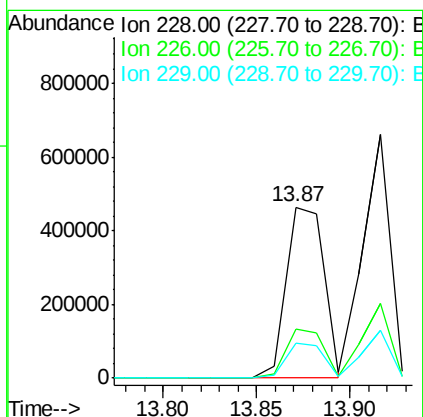
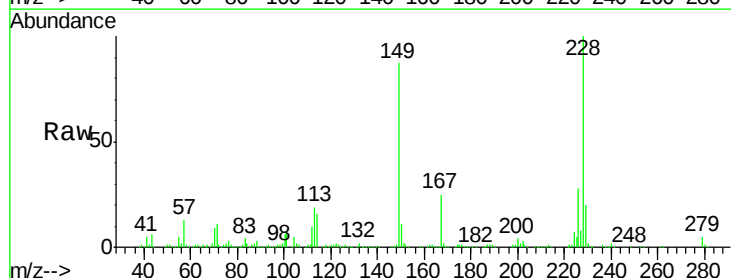
Instrument :
BNA_F
ClientSampleId :
PB89567BS

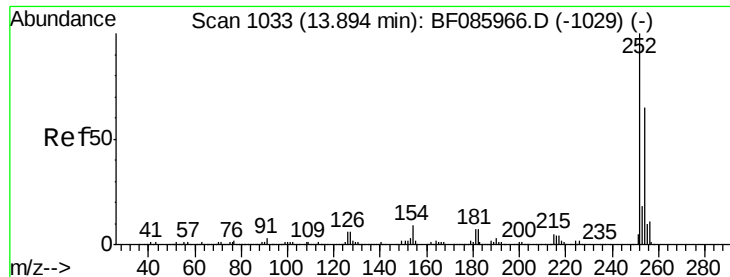
Tgt Ion:149 Resp: 401380
Ion Ratio Lower Upper
149 100
91 64.2 45.8 68.8
206 20.1 17.8 26.8



#80
Benzo(a)anthracene
Concen: 40.05 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:228 Resp: 656851
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 20.4 16.2 24.4

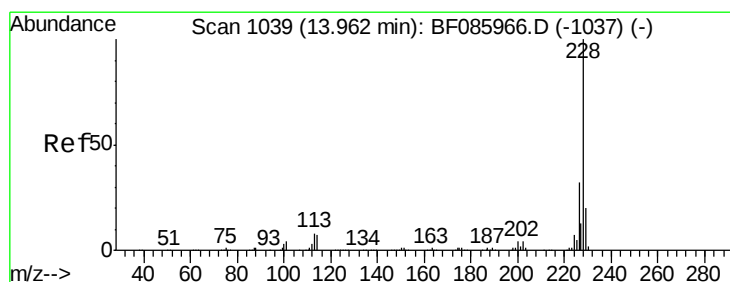
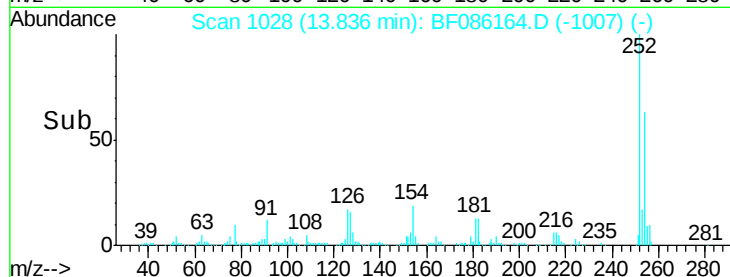
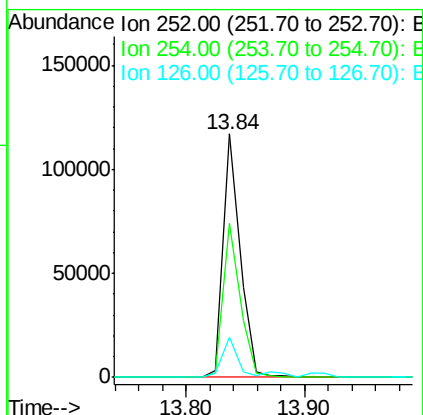
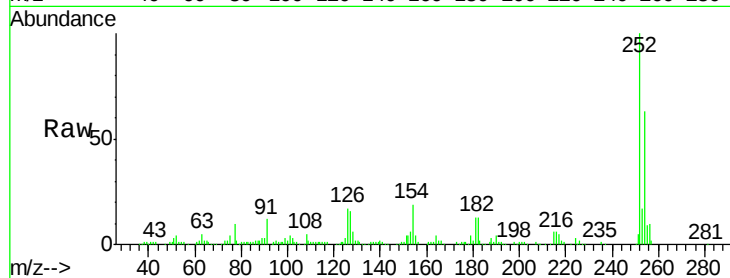




#81
 3,3'-Dichlorobenzidine
 Concen: 9.66 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

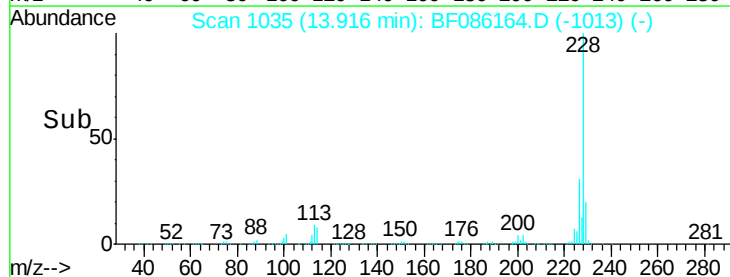
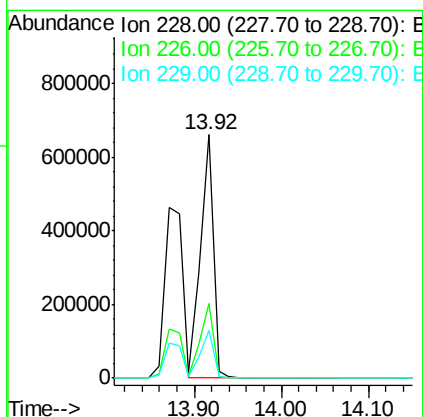
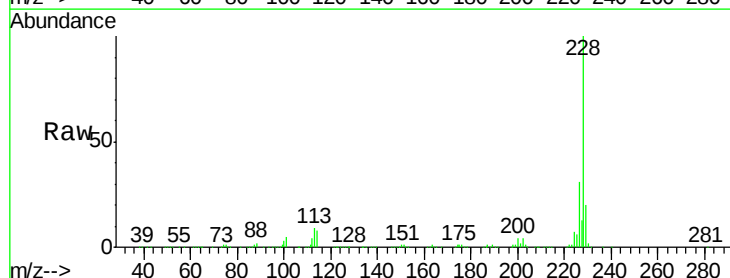
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

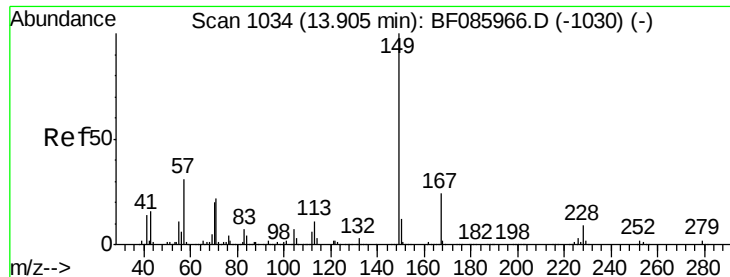
Tgt Ion:252 Resp: 115750
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 16.5 11.8 17.6



#82
 Chrysene
 Concen: 42.13 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:228 Resp: 665584
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.6 15.7 23.5

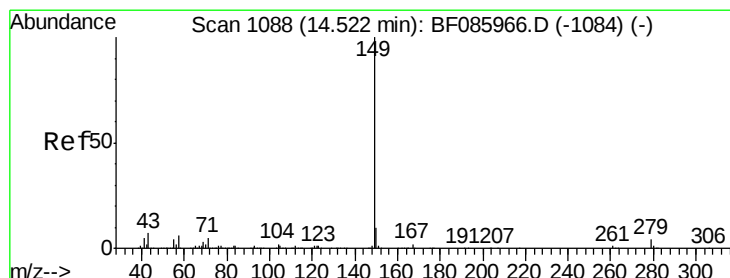
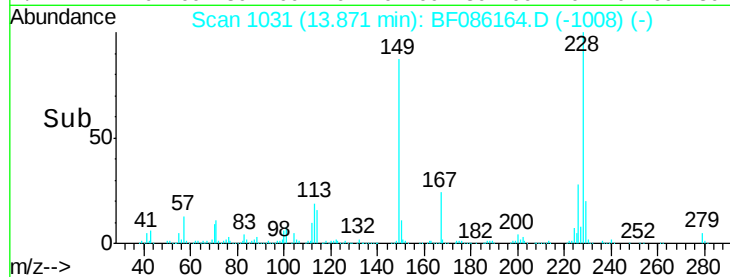
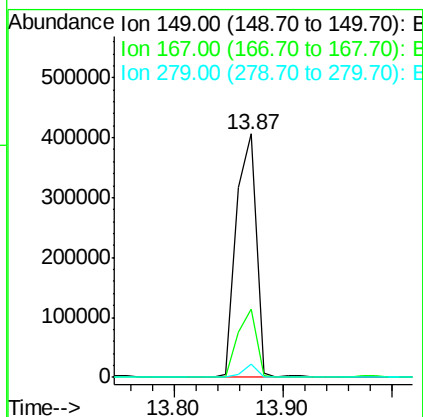
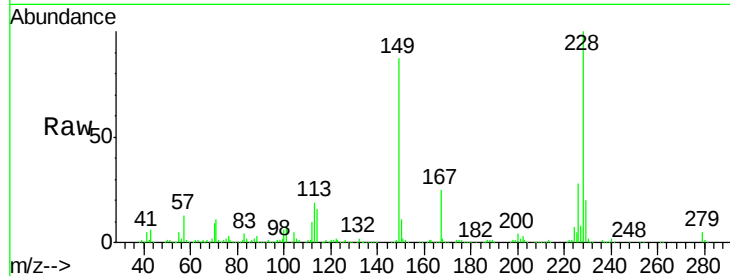




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.47 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

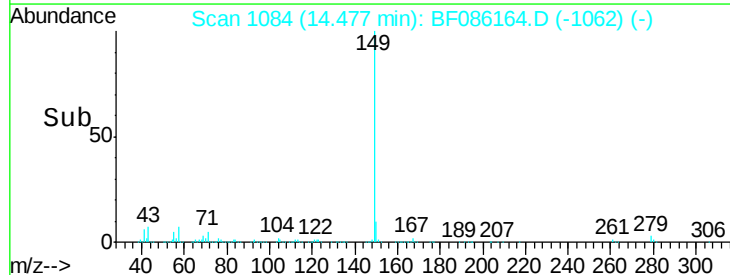
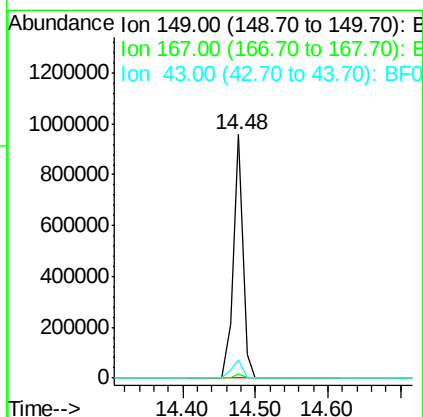
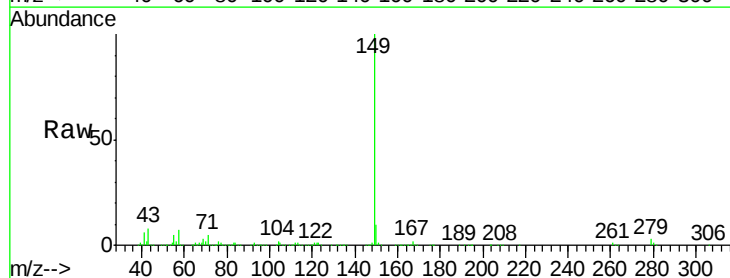
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tgt Ion:149 Resp: 509423
 Ion Ratio Lower Upper
 149 100
 167 28.1 19.4 29.2
 279 5.3 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 46.74 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:149 Resp: 874556
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.6 7.1 10.7

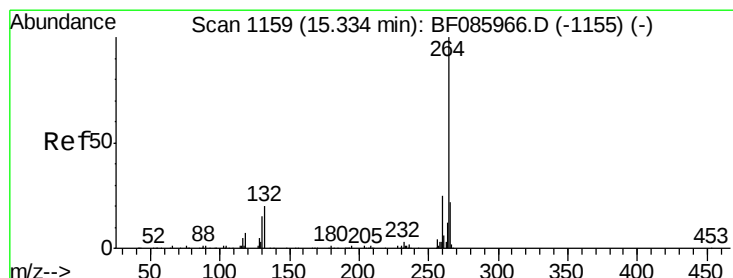
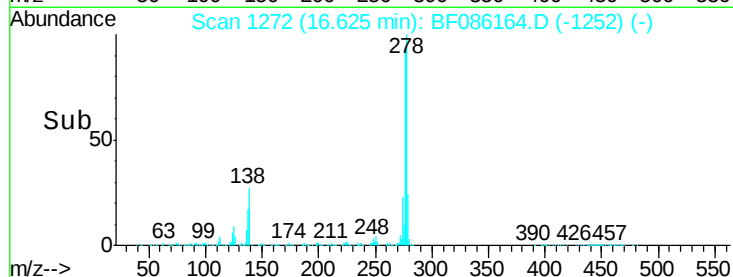
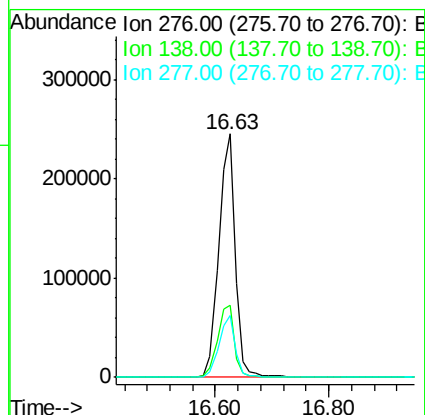
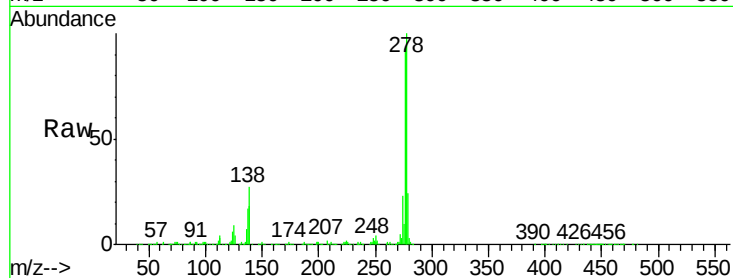




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.41 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.07 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

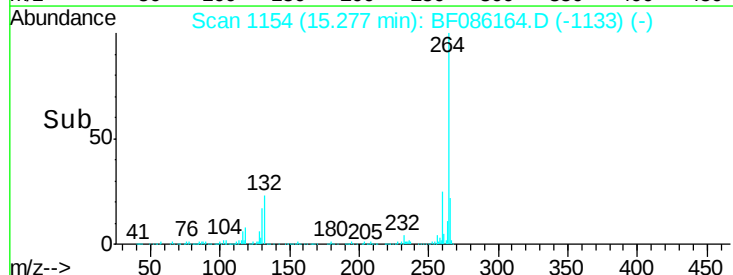
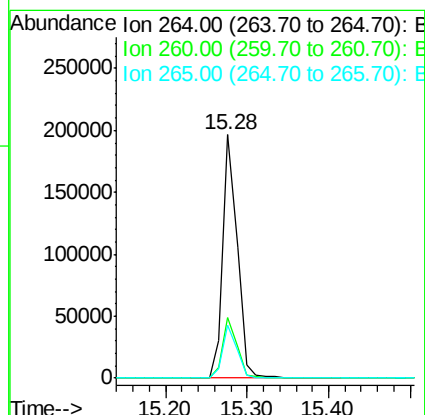
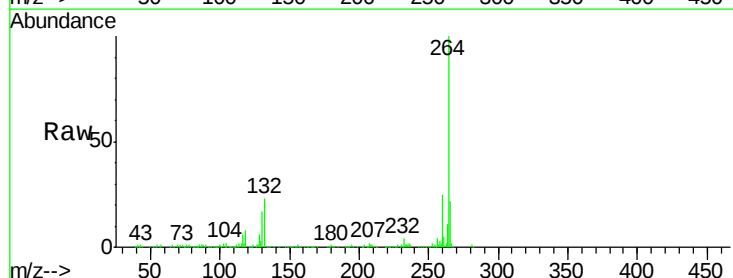
Instrument :
BNA_F
ClientSampleId :
PB89567BS

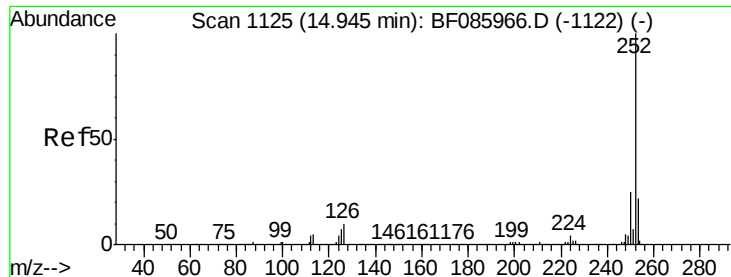
Tgt Ion: 276 Resp: 492397
Ion Ratio Lower Upper
276 100
138 30.1 24.2 36.4
277 25.2 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion: 264 Resp: 241261
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.8 17.2 25.8

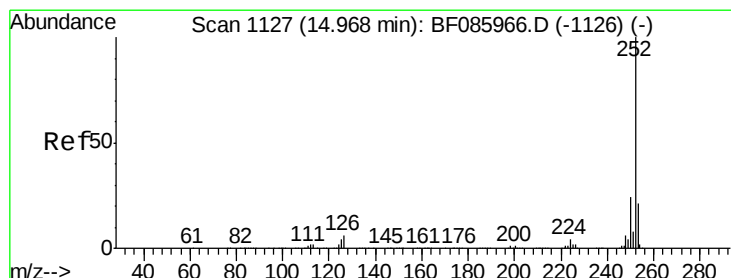
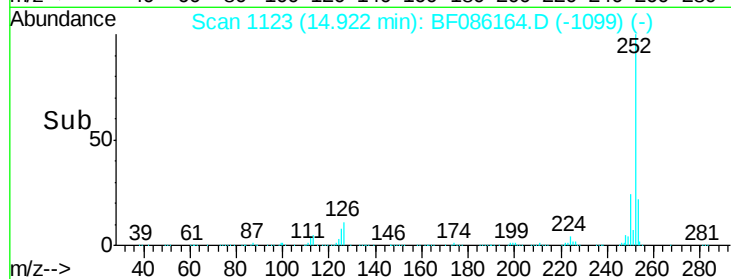
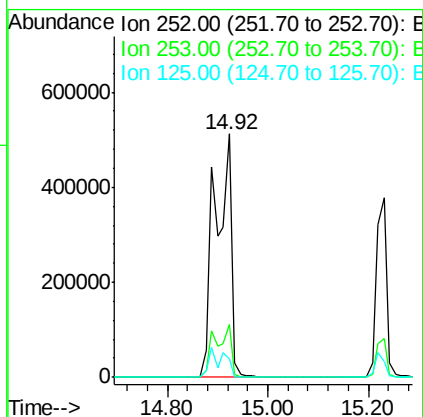
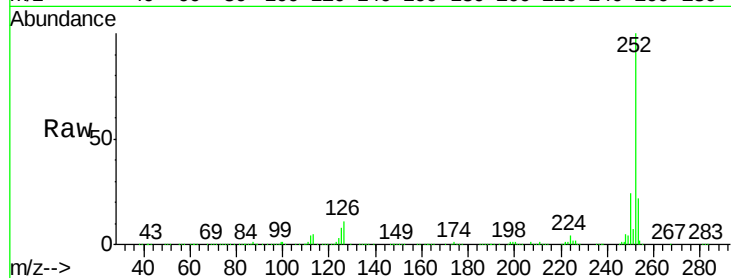




#87
Benzo(b)fluoranthene
Concen: 76.00 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

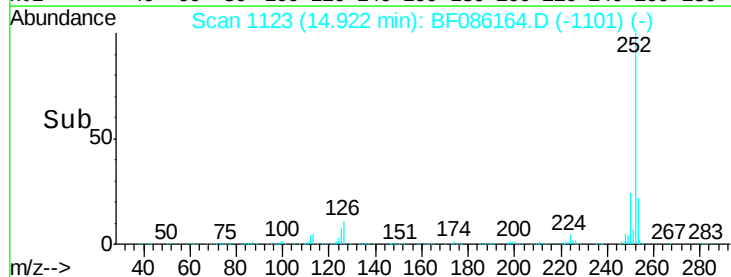
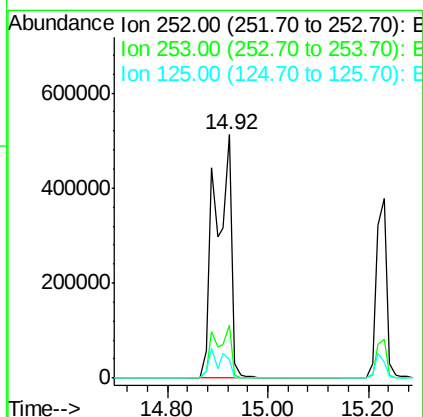
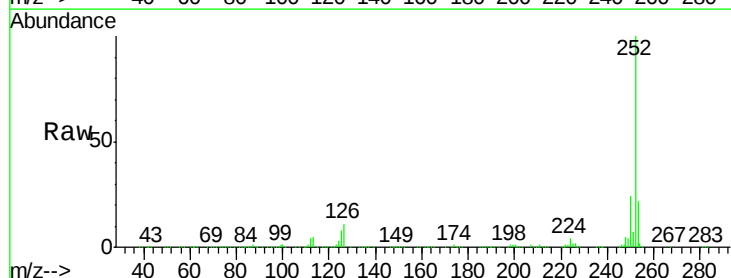
Instrument :
BNA_F
ClientSampleId :
PB89567BS

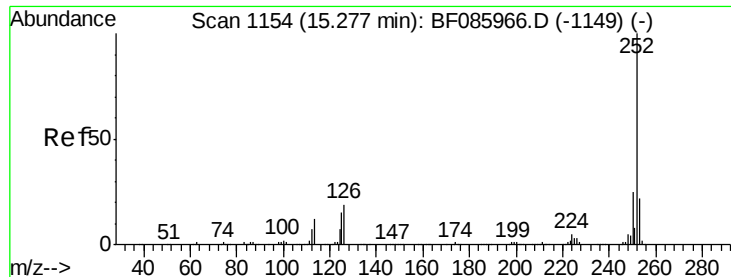
Tgt Ion:252 Resp: 1153432
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.5 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 85.82 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:252 Resp: 1153432
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 7.5 7.7 11.5#





#89

Benzo(a)pyrene

Concen: 40.07 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

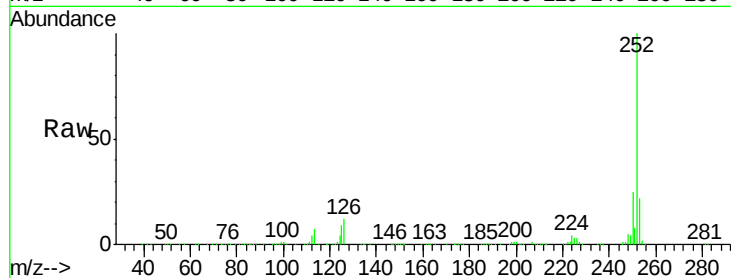
Tgt Ion:252 Resp: 538776

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

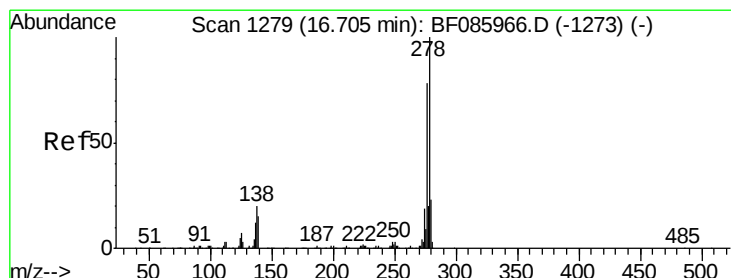
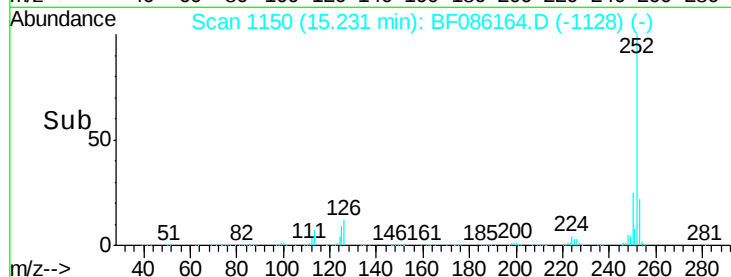
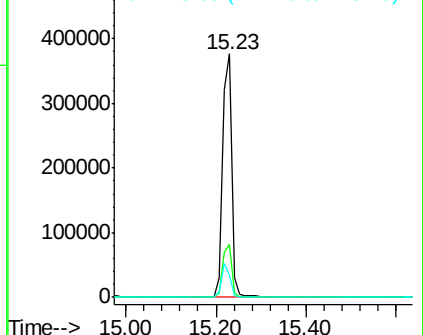
125 9.0 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.21 ng

RT: 16.63 min Scan# 1272

Delta R.T. -0.08 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

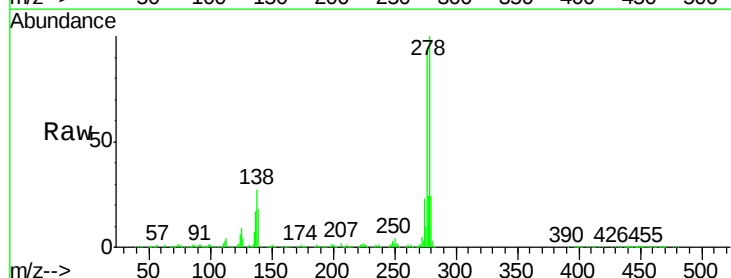
Tgt Ion:278 Resp: 413393

Ion Ratio Lower Upper

278 100

139 18.4 14.4 21.6

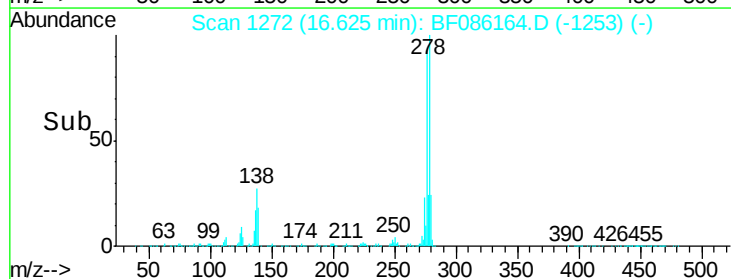
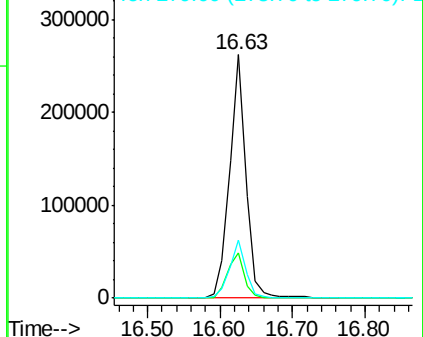
279 24.0 19.1 28.7

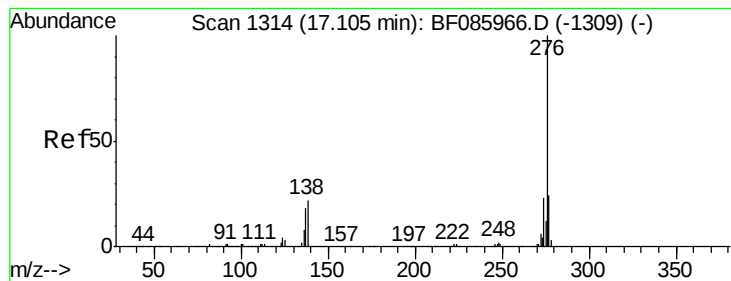


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.85 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.09 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

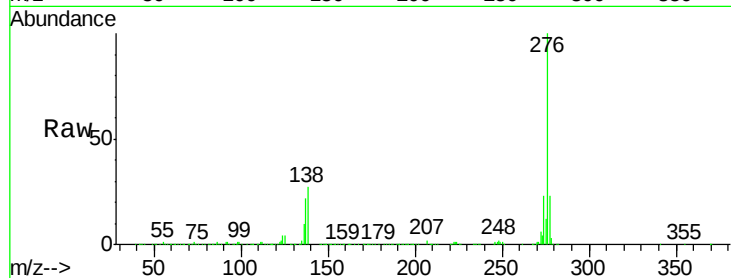
Tgt Ion: 276 Resp: 406814

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 26.9 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

