

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087281.D
 Acq On : 22 May 2016 10:31
 Operator : UM/SJ
 Sample : PB90743BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Quant Time: May 23 03:51:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 03:47:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	126902	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	538680	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	248567	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	458905	20.00	ng	0.00
75) Chrysene-d12	13.70	240	276296	20.00	ng	0.00
86) Perylene-d12	15.05	264	244261	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	894787	118.52	ng	0.01
7) Phenol-d6	6.24	99	1220142	120.50	ng	0.00
23) Nitrobenzene-d5	7.14	82	862049	79.76	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	297370	108.26	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1281973	85.42	ng	0.00
78) Terphenyl-d14	12.65	244	1182373	96.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.07	88	107164	27.59	ng	# 63
3) Pyridine	2.68	79	301382	32.08	ng	# 55
4) n-Nitrosodimethylamine	2.65	42	235897	35.43	ng	# 46
6) Aniline	6.23	93	308713	24.00	ng	# 86
8) 2-Chlorophenol	6.35	128	360355	39.23	ng	99
9) Benzaldehyde	6.11	77	83516	12.56	ng	97
10) Phenol	6.25	94	507159	39.84	ng	86
11) bis(2-Chloroethyl)ether	6.31	93	370370	38.75	ng	91
12) 1,3-Dichlorobenzene	6.49	146	363643m	37.24	ng	
13) 1,4-Dichlorobenzene	6.57	146	383986m	38.43	ng	
14) 1,2-Dichlorobenzene	6.73	146	331359	37.88	ng	97
15) Benzyl Alcohol	6.73	79	341559	45.31	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.86	45	707046	35.98	ng	# 41
17) 2-Methylphenol	6.86	107	296858	39.35	ng	# 81
18) Hexachloroethane	7.06	117	150363	39.37	ng	# 91
19) n-Nitroso-di-n-propylamine	6.99	70	279449	36.30	ng	# 68
20) 3+4-Methylphenols	7.02	107	388266	39.02	ng	# 61
22) Acetophenone	6.98	105	519345	39.40	ng	# 95
24) Nitrobenzene	7.15	77	414184	35.10	ng	95
25) Isophorone	7.39	82	756672	38.24	ng	96
26) 2-Nitrophenol	7.47	139	196151	40.12	ng	# 74
27) 2,4-Dimethylphenol	7.53	122	320900	38.46	ng	# 84
28) bis(2-Chloroethoxy)methane	7.61	93	427879	39.39	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	323748	44.04	ng	95
30) 1,2,4-Trichlorobenzene	7.79	180	326252	39.99	ng	97
31) Naphthalene	7.86	128	1008778	38.33	ng	99
32) Benzoic acid	7.70	122	149920	30.15	ng	# 81
33) 4-Chloroaniline	7.94	127	173433	15.85	ng	95
34) Hexachlorobutadiene	7.99	225	187344	40.47	ng	99
35) Caprolactam	8.32	113	89923m	36.73	ng	
36) 4-Chloro-3-methylphenol	8.44	107	338265	38.14	ng	87
37) 2-Methylnaphthalene	8.56	142	685627	40.73	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	296254	40.81	ng	99
40) Hexachlorocyclopentadiene	8.71	237	183110	66.76	ng	94

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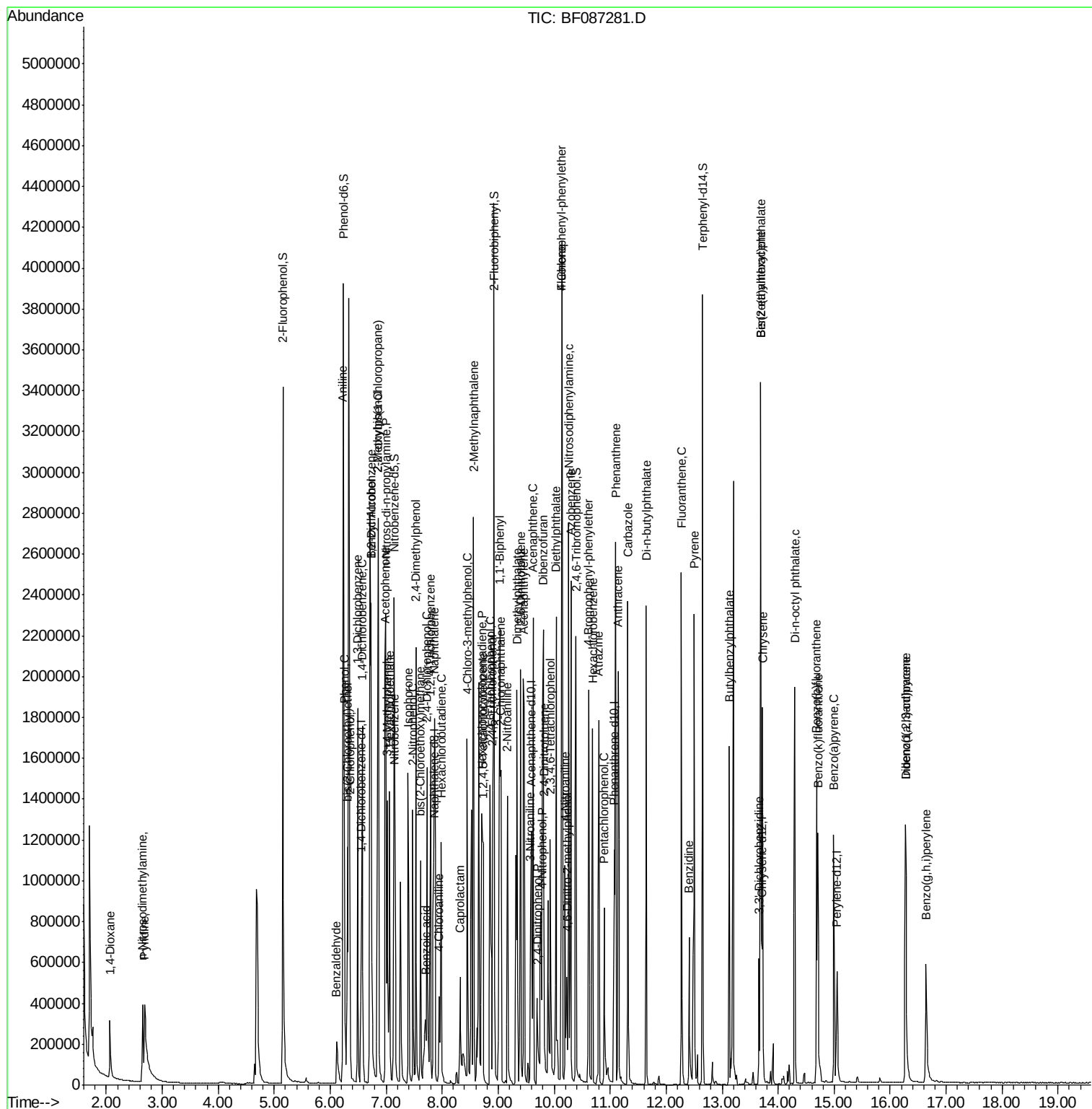
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42) 2,4,6-Trichlorophenol	8.86	196	184010	39.08	nq	93
43) 2,4,5-Trichlorophenol	8.90	196	194732	39.81	nq	# 86
45) 1,1'-Biphenyl	9.03	154	883530	42.87	nq	99
46) 2-Chloronaphthalene	9.05	162	643313	40.66	nq	99
47) 2-Nitroaniline	9.16	65	254205	41.92	nq	88
48) Acenaphthylene	9.45	152	923690	38.23	nq	98
49) Dimethylphthalate	9.34	163	749481	39.53	nq	99
50) 2,6-Dinitrotoluene	9.40	165	173685	42.18	nq	# 85
51) Acenaphthene	9.62	154	572596	37.93	nq	99
52) 3-Nitroaniline	9.58	138	114691	25.73	nq	85
53) 2,4-Dinitrophenol	9.70	184	114827	50.53	nq	89
54) Dibenzofuran	9.80	168	870449	44.59	nq	99
55) 4-Nitrophenol	9.78	139	80654m	38.41	nq	
56) 2,4-Dinitrotoluene	9.82	165	223584	42.40	nq	# 78
57) Fluorene	10.14	166	615155	39.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	164131	43.09	nq	96
59) Diethylphthalate	10.03	149	749478	41.40	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	339803	45.71	nq	91
61) 4-Nitroaniline	10.19	138	141605	32.18	nq	# 63
62) Azobenzene	10.30	77	977888	46.88	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	86310	28.56	nq	87
65) n-Nitrosodiphenylamine	10.26	169	602061	41.69	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	190153	40.29	nq	# 87
67) Hexachlorobenzene	10.68	284	206488	37.74	nq	# 76
68) Atrazine	10.80	200	211816	44.96	nq	94
69) Pentachlorophenol	10.89	266	122588	59.64	nq	96
70) Phenanthrene	11.10	178	1005917	40.42	nq	100
71) Anthracene	11.14	178	973819	38.68	nq	100
72) Carbazole	11.31	167	899656	39.12	nq	99
73) Di-n-butylphthalate	11.64	149	1181522	44.73	nq	99
74) Fluoranthene	12.27	202	939899	37.69	nq	96
76) Benzidine	12.41	184	311418	40.01	nq	96
77) Pyrene	12.50	202	958538	48.02	nq	100
79) Butylbenzylphthalate	13.13	149	443152	52.59	nq	92
80) Benzo(a)anthracene	13.69	228	658335	41.21	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	129668	12.76	nq	# 97
82) Chrysene	13.73	228	695390	44.99	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	574551	56.03	nq	99
84) Di-n-octyl phthalate	14.30	149	893380	50.57	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.27	276	572984	42.23	nq	95
87) Benzo(b)fluoranthene	14.69	252	564810m	34.86	nq	
88) Benzo(k)fluoranthene	14.71	252	587568m	48.70	nq	
89) Benzo(a)pyrene	14.99	252	555458	41.01	nq	97
90) Dibenzo(a,h)anthracene	16.27	278	484445	42.48	nq	98
91) Benzo(g,h,i)perylene	16.64	276	476304	41.35	nq	# 93

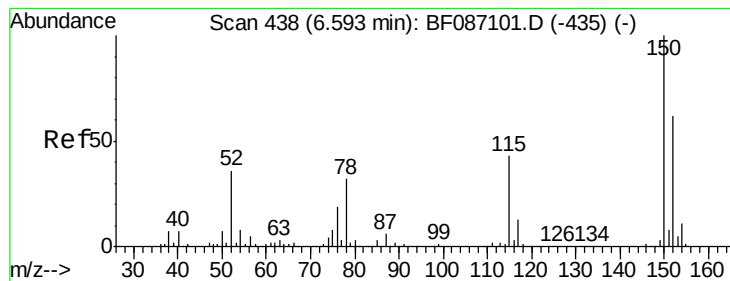
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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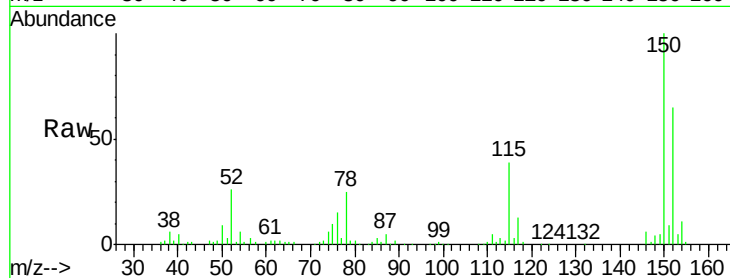


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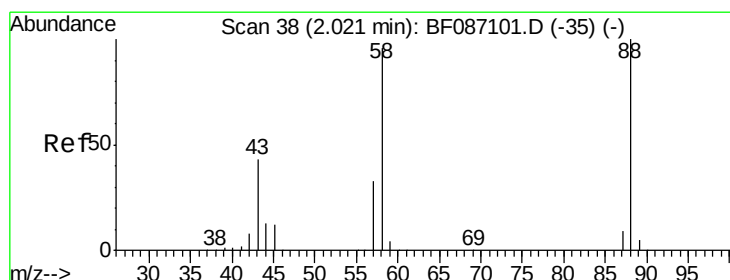
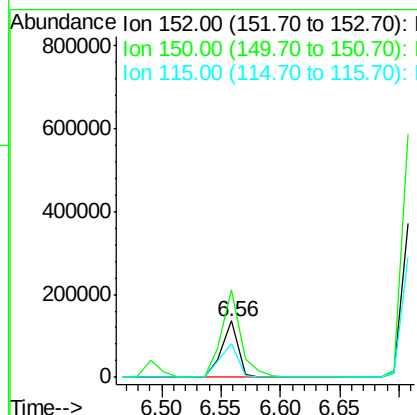
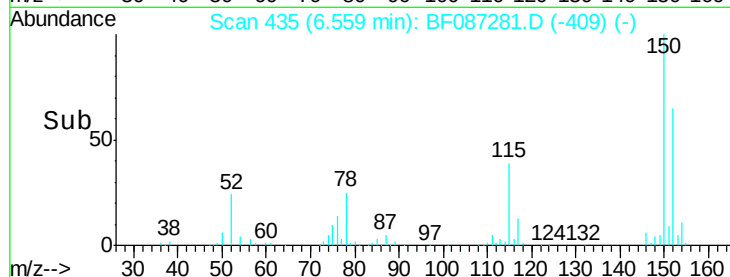
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.8	188.6
115	60.5	51.5	77.3



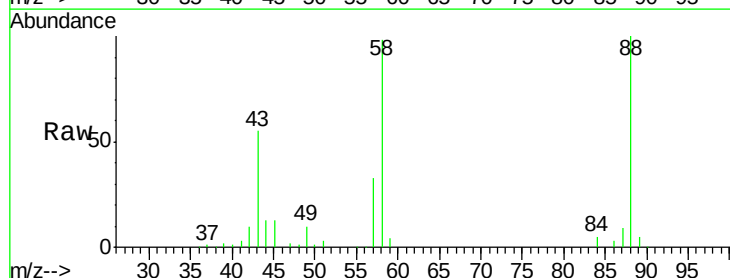
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



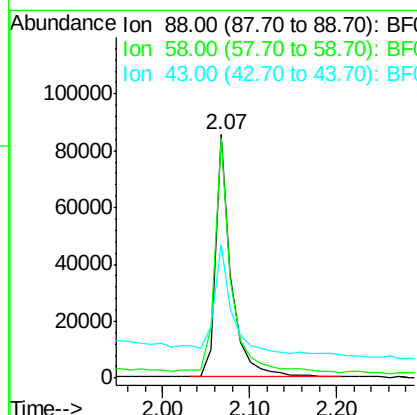
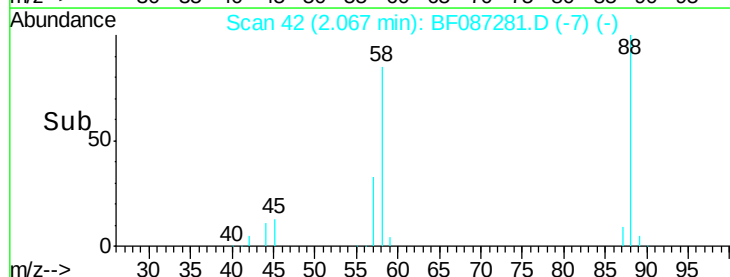
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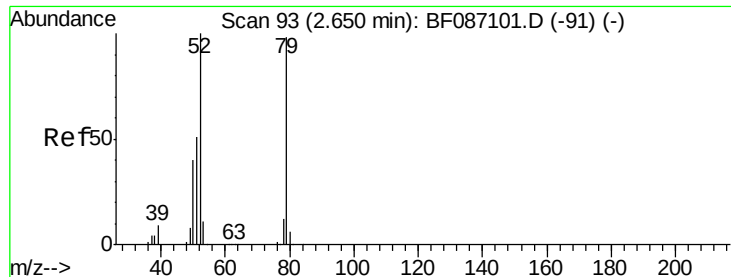
1,4-Dioxane
Concen: 27.59 ng
RT: 2.07 min Scan# 42
Delta R.T. 0.10 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	59.6	89.4#
43	56.0	21.8	32.6#



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





#3

Pvridine

Concen: 32.08 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.10 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

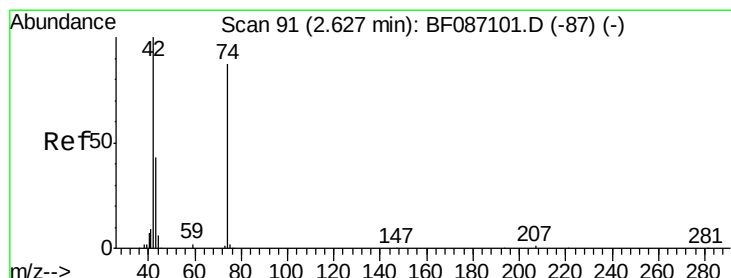
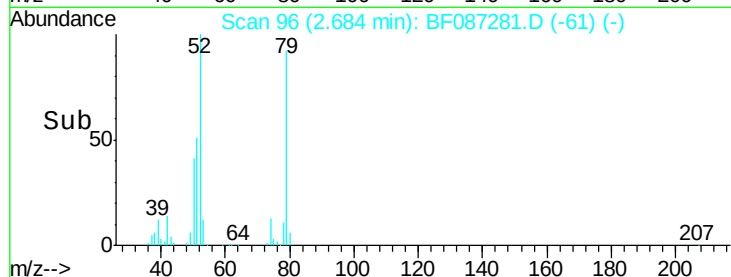
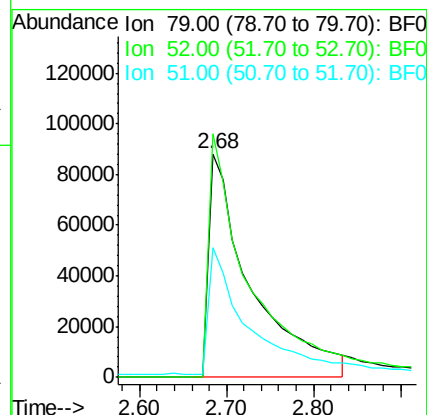
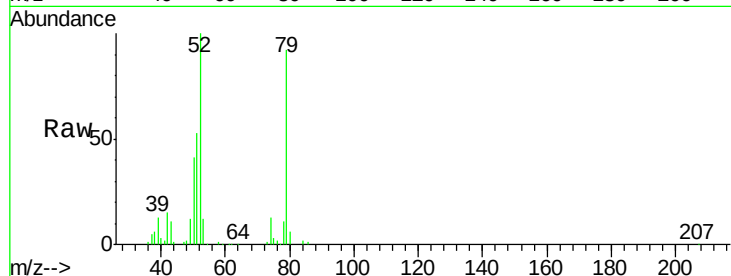
Tot Ion: 79 Resp: 301382

Ion Ratio Lower Upper

79 100

52 108.9 55.9 83.9#

51 57.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 35.43 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

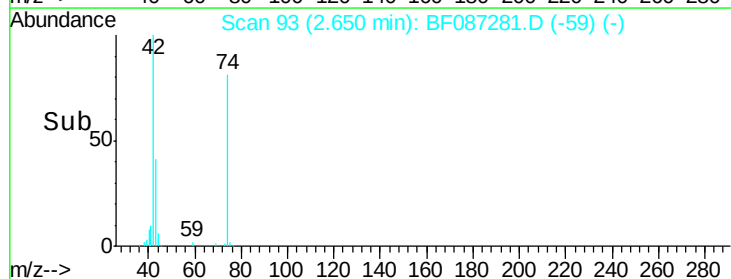
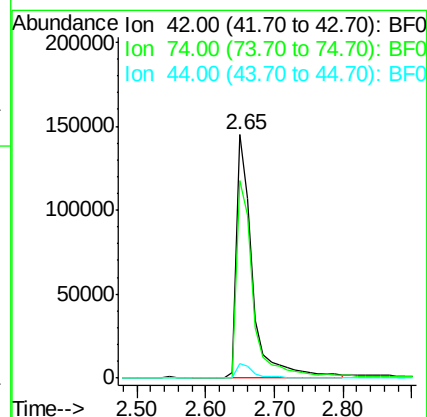
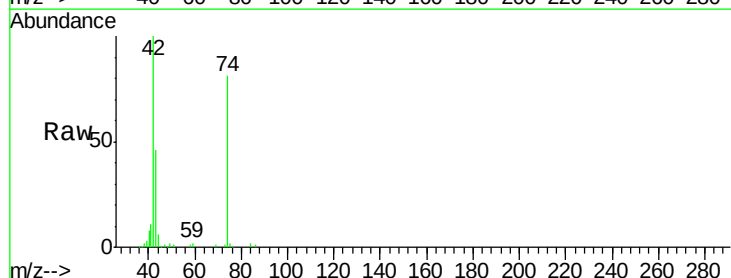
Tgt Ion: 42 Resp: 235897

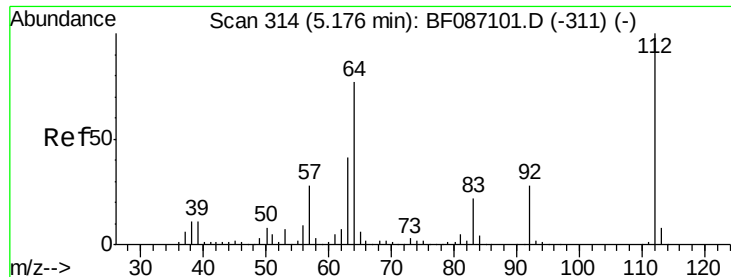
Ion Ratio Lower Upper

42 100

74 81.1 123.4 185.0#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 118.52 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

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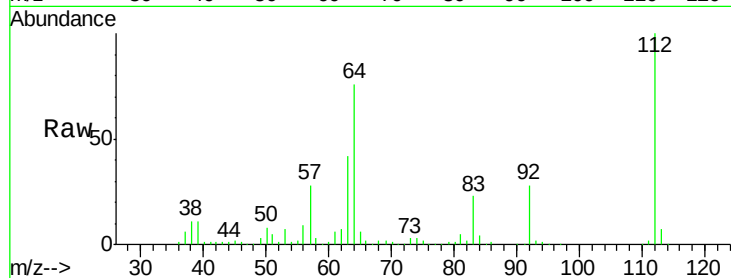
Tot Ion: 112 Resp: 894787

Ion Ratio Lower Upper

112 100

64 76.3 52.1 78.1

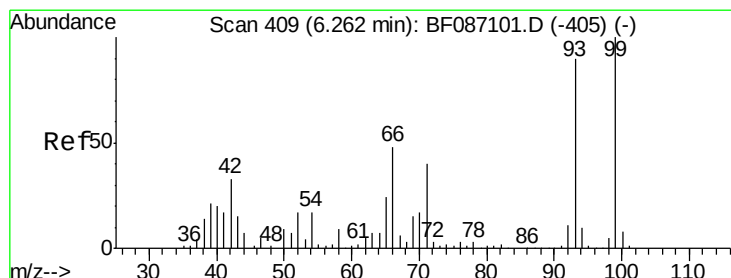
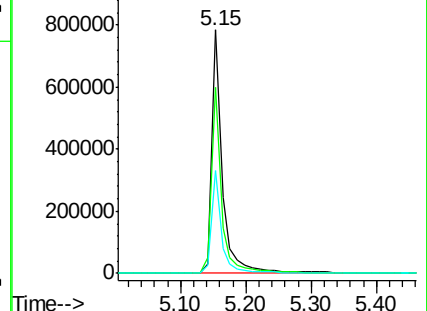
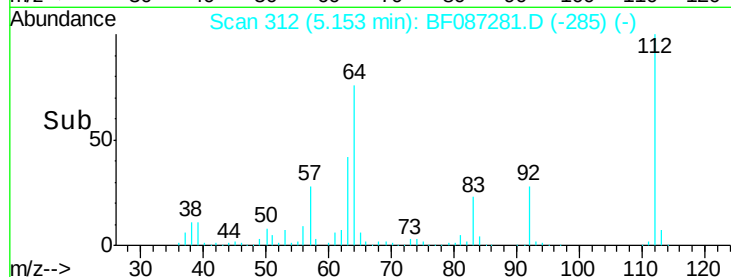
63 42.1 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.00 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

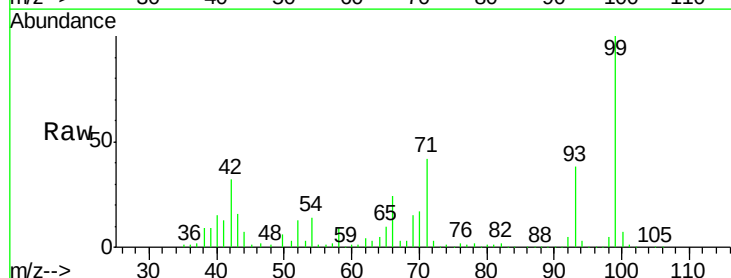
Tgt Ion: 93 Resp: 308713

Ion Ratio Lower Upper

93 100

66 63.2 39.0 58.6#

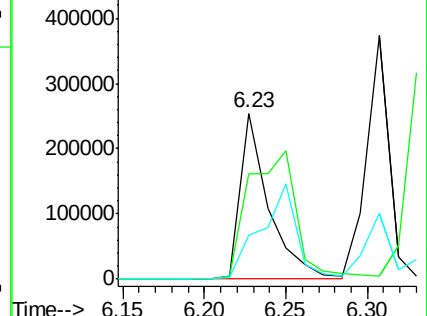
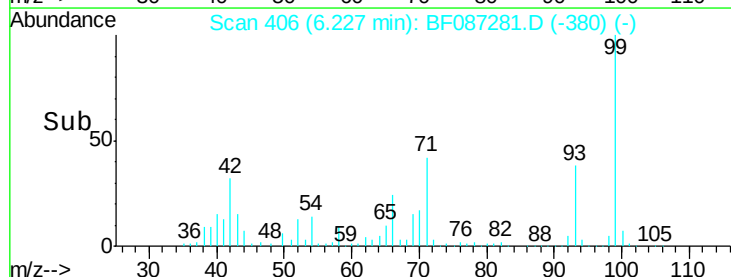
65 26.7 20.6 31.0

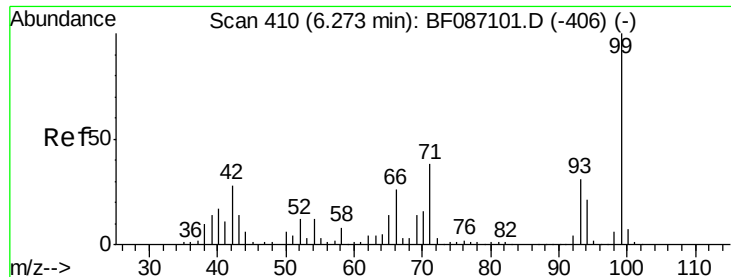


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.50 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

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ClientSampleId :

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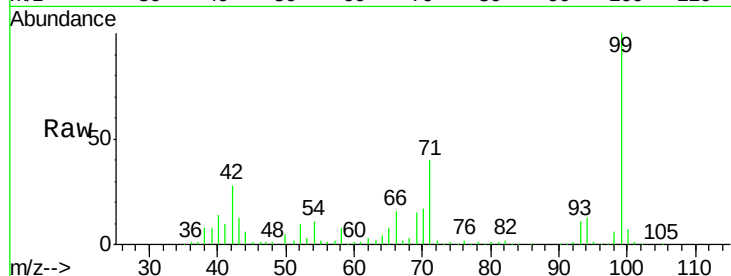
Tot Ion: 99 Resp: 1220142

Ion Ratio Lower Upper

99 100

42 27.7 13.6 20.4#

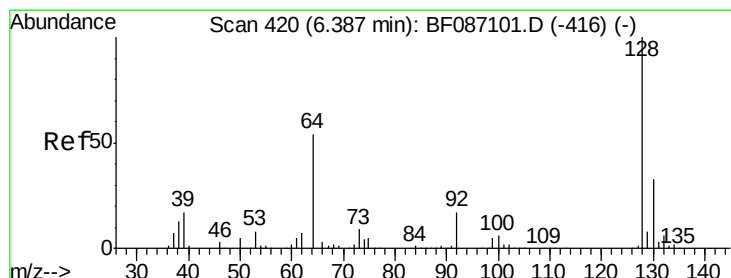
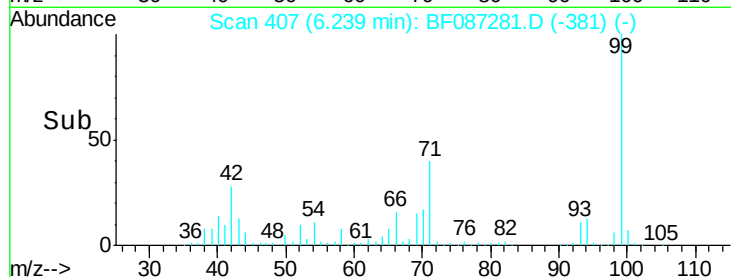
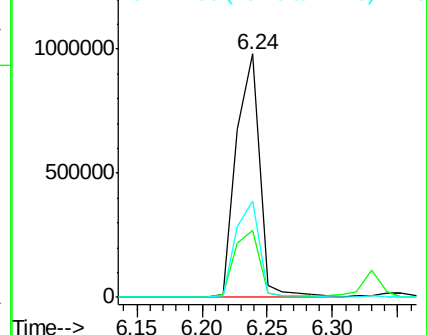
71 39.7 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.23 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

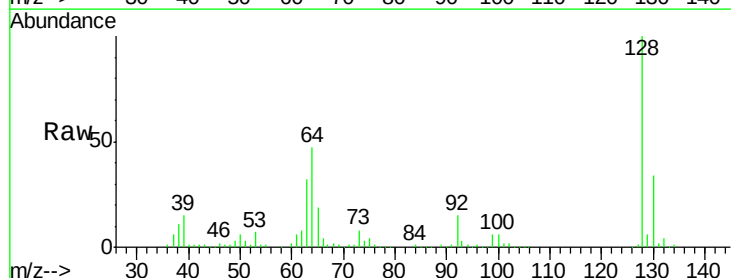
Tgt Ion: 128 Resp: 360355

Ion Ratio Lower Upper

128 100

130 33.7 12.5 52.5

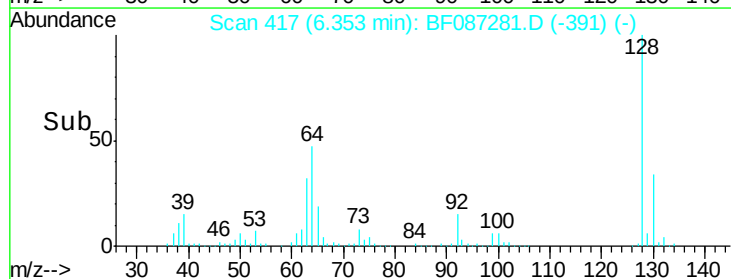
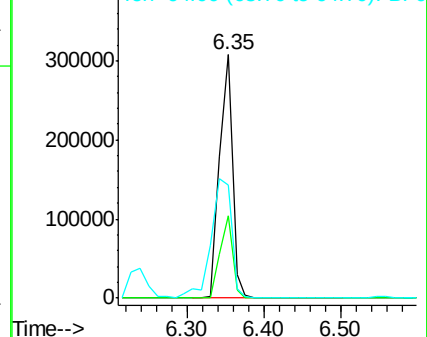
64 46.6 27.3 67.3

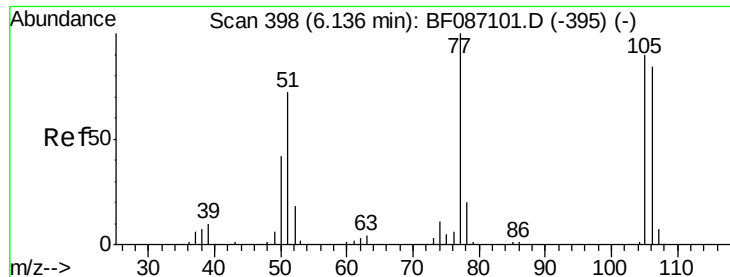


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

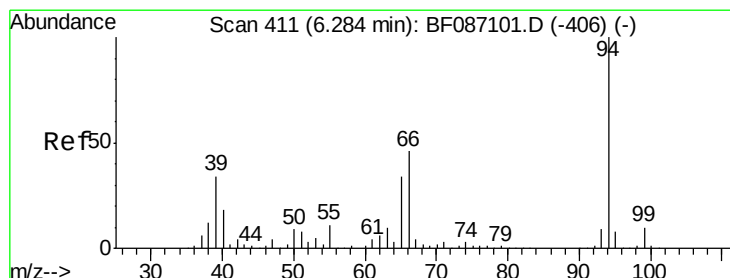
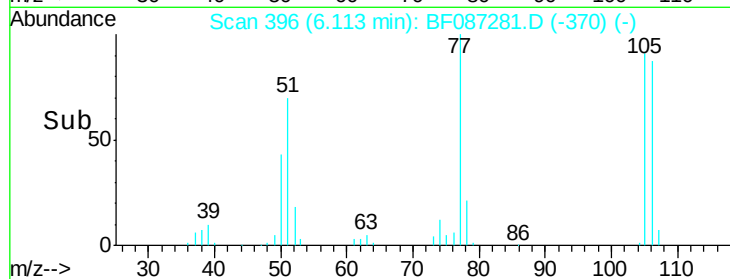
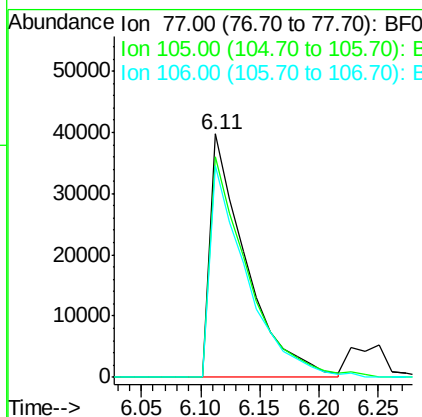
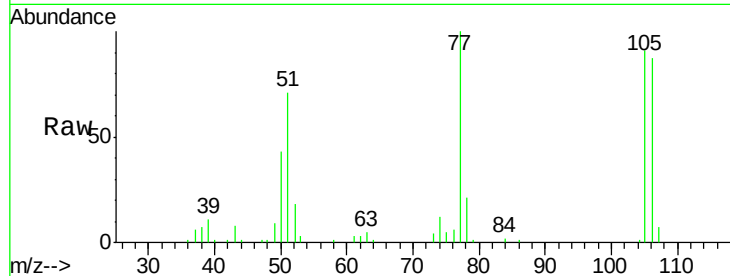




#9
Benzaldehyde
Concen: 12.56 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
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Acq: 22 May 2016 10:31

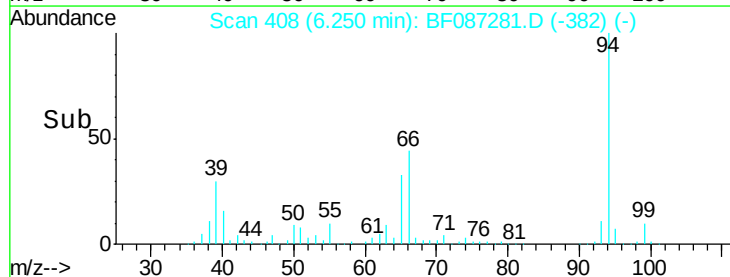
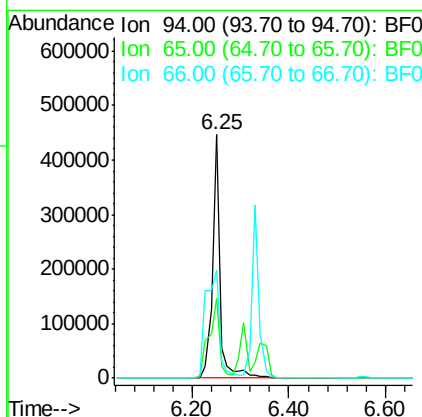
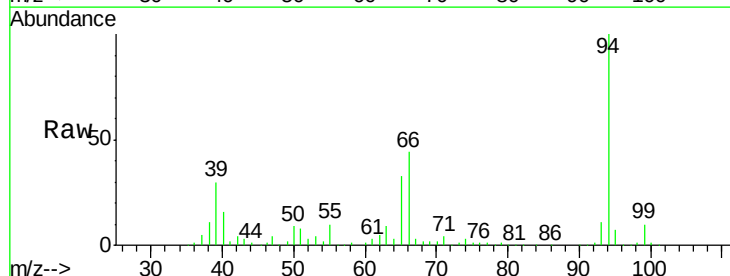
Instrument :
BNA_F
ClientSampleId :
PB90743BS

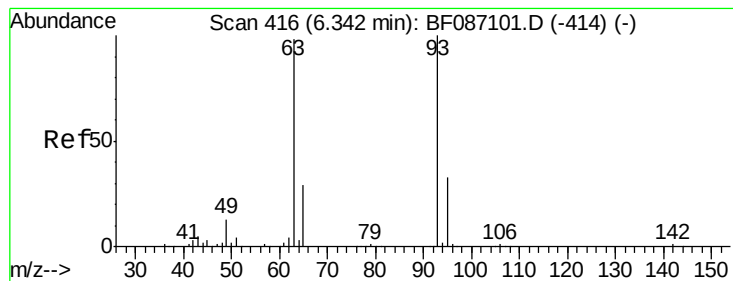
Tot Ion: 77 Resp: 83516
Ion Ratio Lower Upper
77 100
105 90.8 72.7 112.7
106 86.8 70.8 110.8



#10
Phenol
Concen: 39.84 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 94 Resp: 507159
Ion Ratio Lower Upper
94 100
65 32.6 7.2 47.2
66 44.3 14.9 54.9

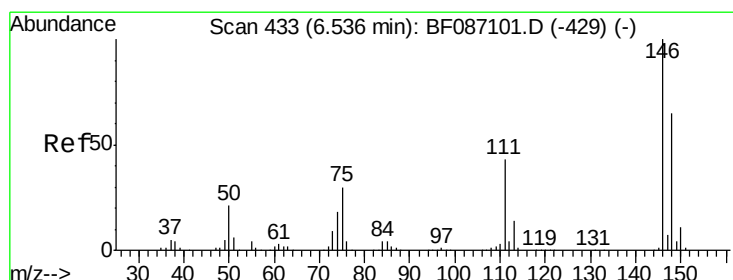
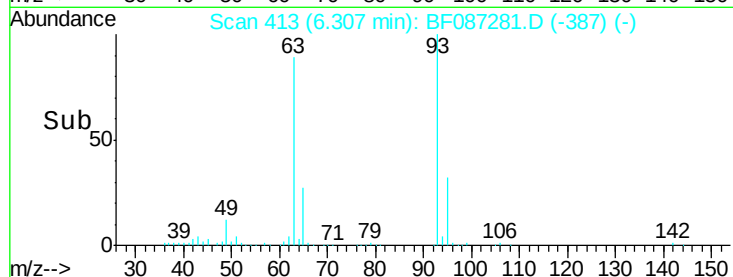
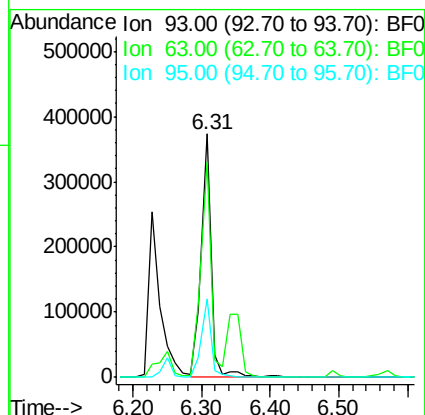
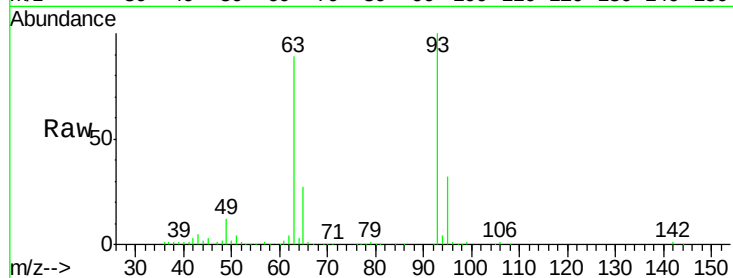




#11
bis(2-Chloroethyl)ether
Concen: 38.75 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

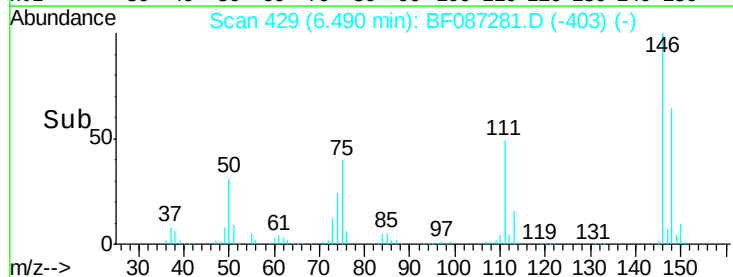
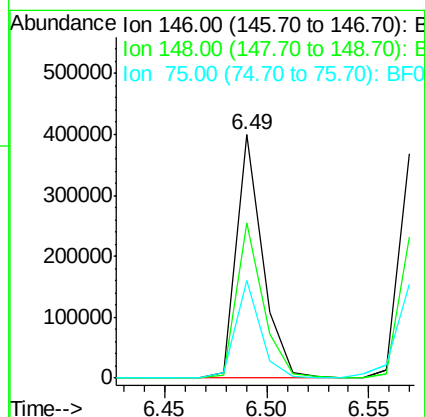
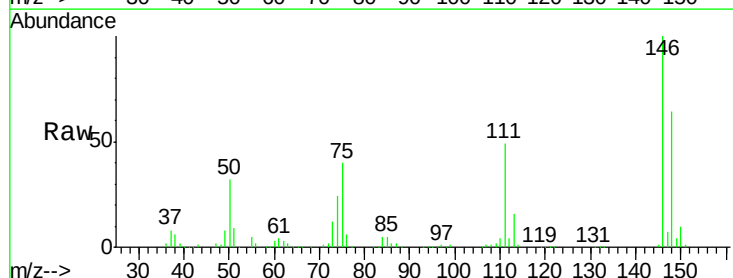
Instrument :
BNA_F
ClientSampleId :
PB90743BS

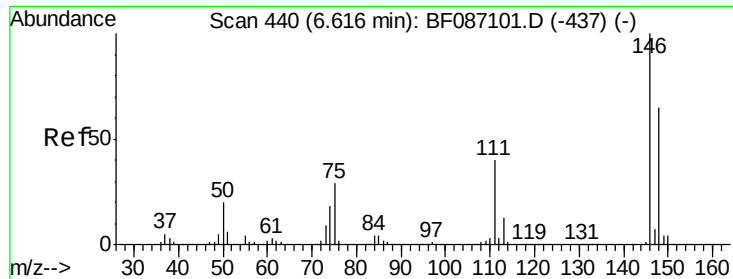
Tot Ion: 93 Resp: 370370
Ion Ratio Lower Upper
93 100
63 88.6 58.0 98.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 37.24 ng m
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 146 Resp: 363643
Ion Ratio Lower Upper
146 100
148 63.6 52.4 78.6
75 40.2 22.8 34.2#

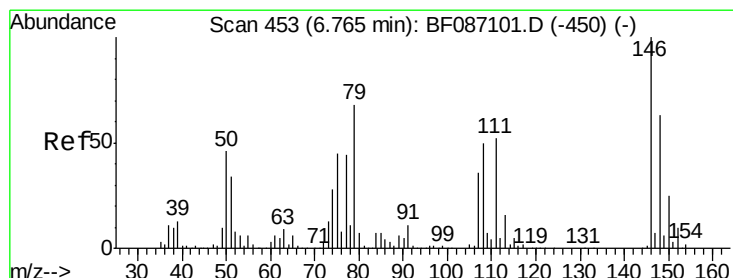
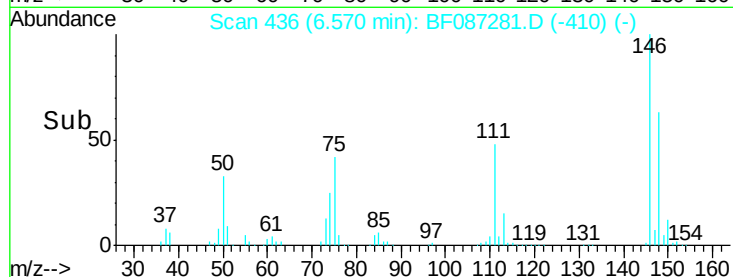
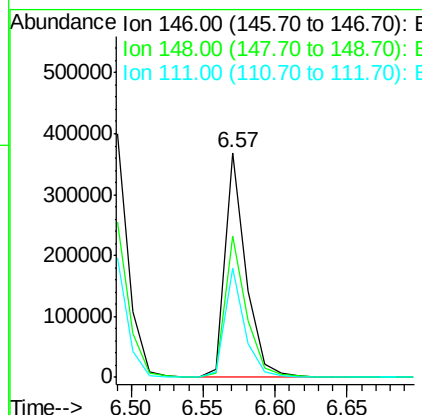
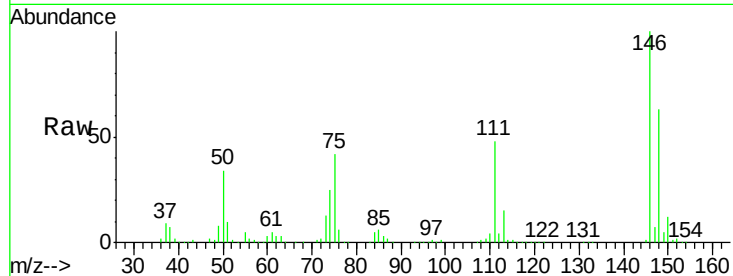




#13
 1,4-Dichlorobenzene
 Concen: 38.43 ng/mL
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

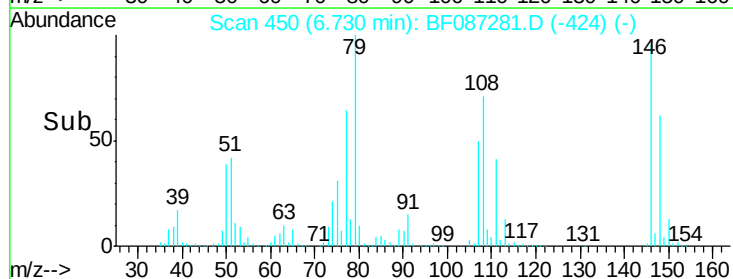
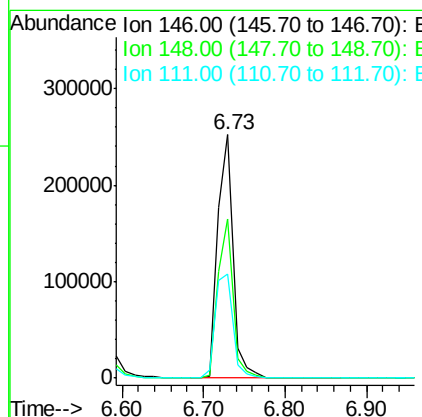
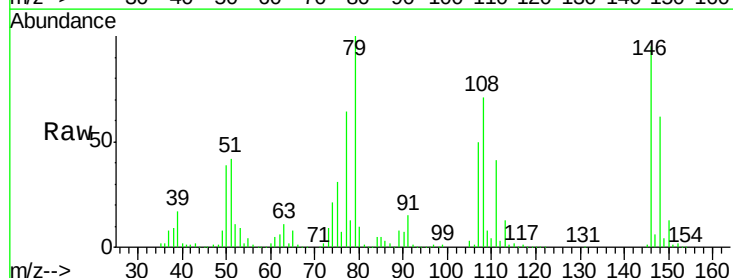
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

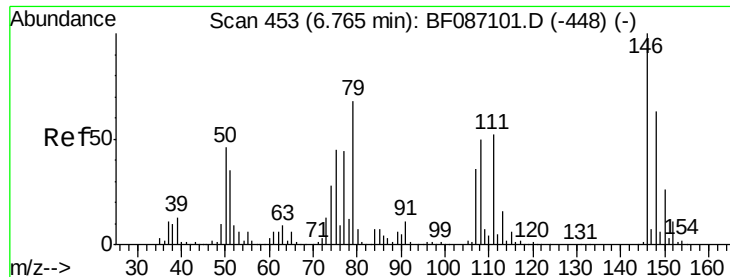
Tot Ion:146 Resp: 383986
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.4
 111 48.3 30.7 46.1#



#14
 1,2-Dichlorobenzene
 Concen: 37.88 ng/mL
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion:146 Resp: 331359
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.6
 111 42.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 45.31 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

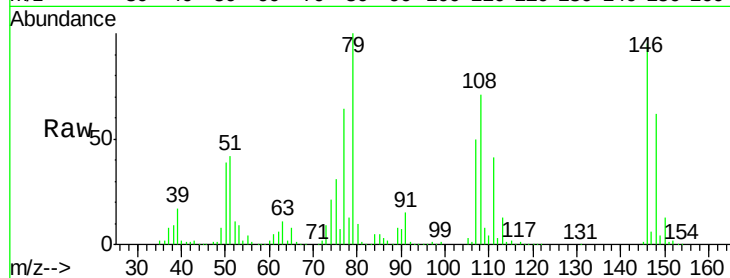
Tot Ion: 79 Resp: 341559

Ion Ratio Lower Upper

79 100

108 70.8 68.4 102.6

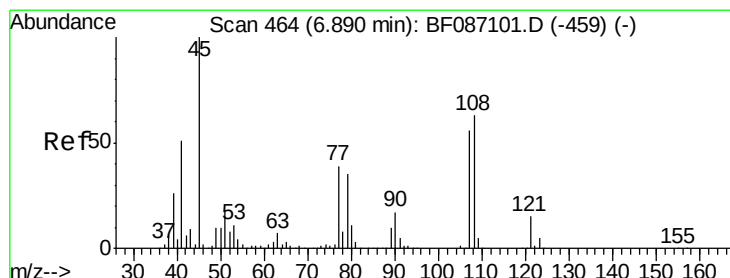
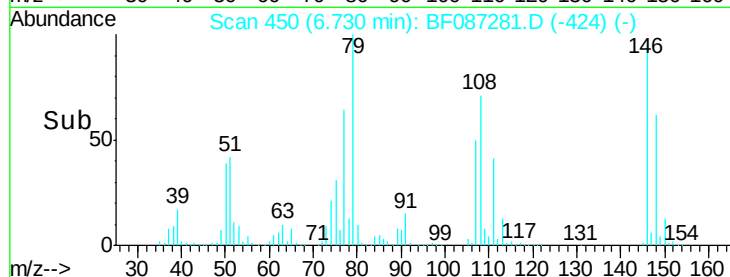
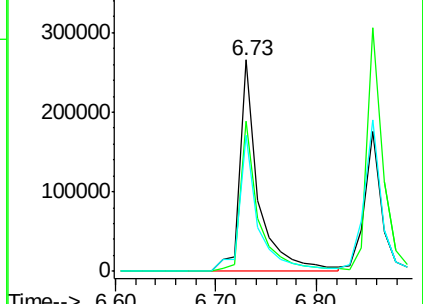
77 64.1 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.98 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

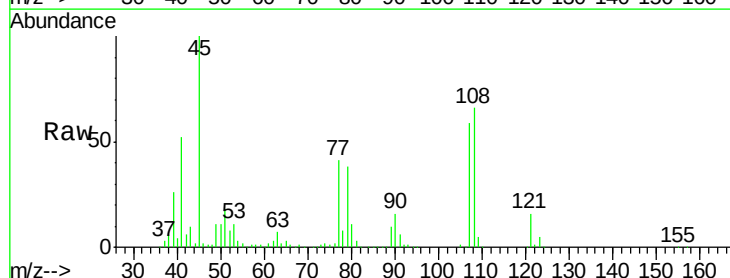
Tgt Ion: 45 Resp: 707046

Ion Ratio Lower Upper

45 100

77 40.7 0.0 36.4#

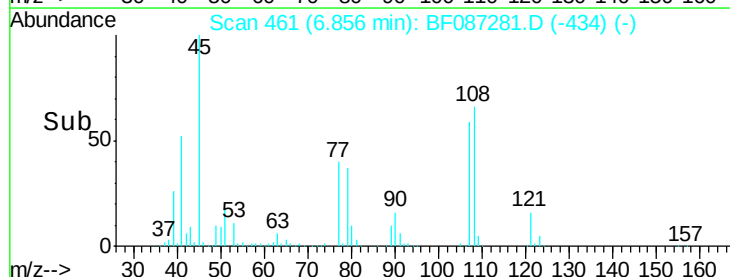
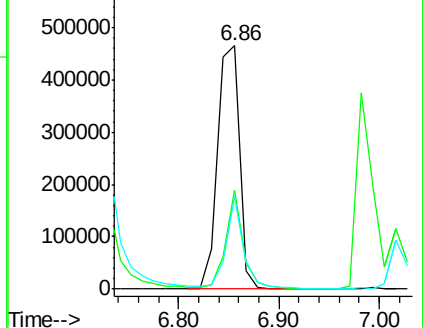
79 37.8 0.0 33.4#

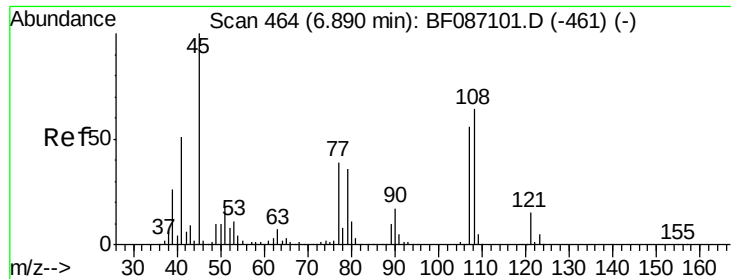


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.35 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

Tot Ion:107 Resp: 296858

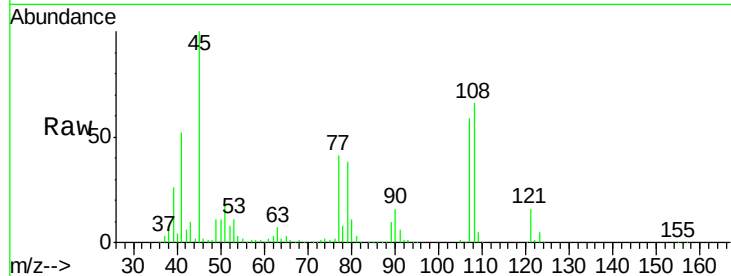
Ion Ratio Lower Upper

107 100

108 111.9 93.7 140.5

77 69.4 33.4 50.0#

79 64.4 34.3 51.5#



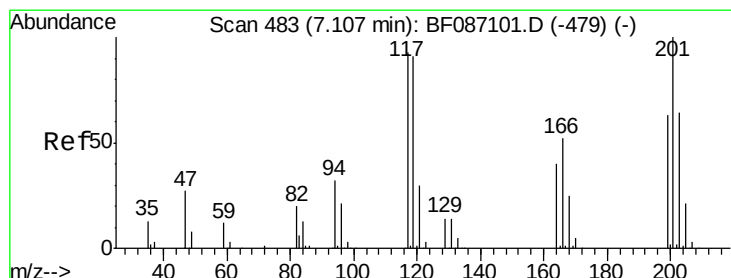
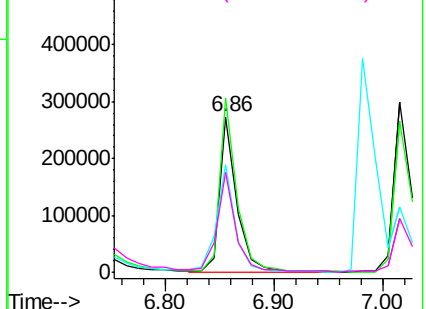
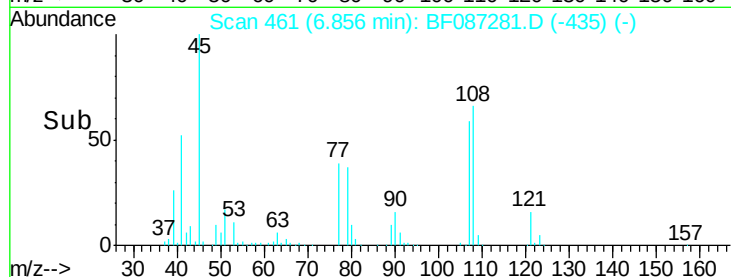
Abundance

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: 39.37 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

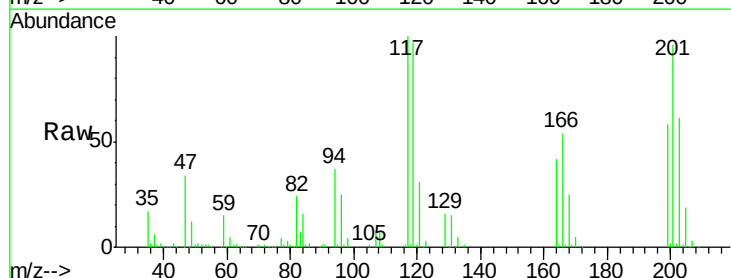
Tgt Ion:117 Resp: 150363

Ion Ratio Lower Upper

117 100

119 96.8 76.5 114.7

201 95.7 63.0 94.6#

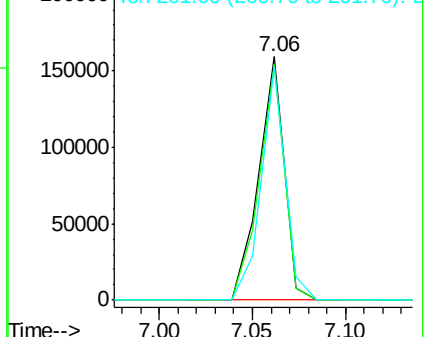
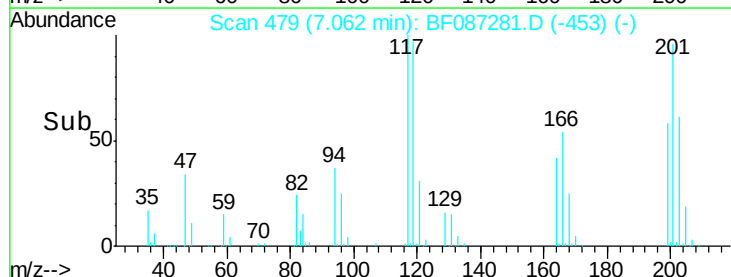


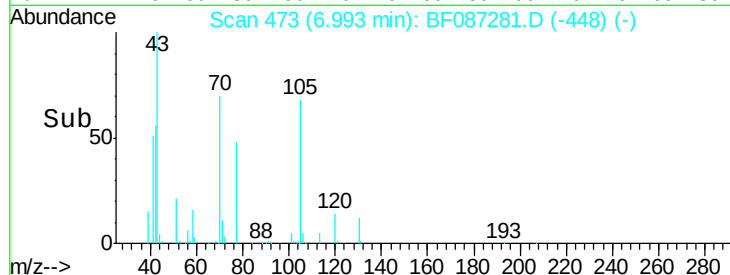
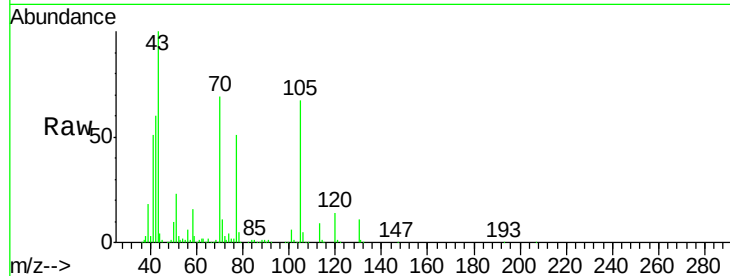
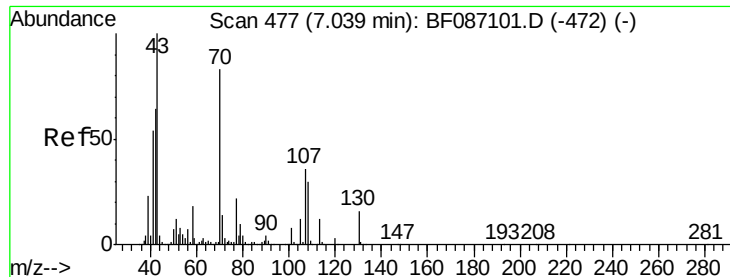
Abundance

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

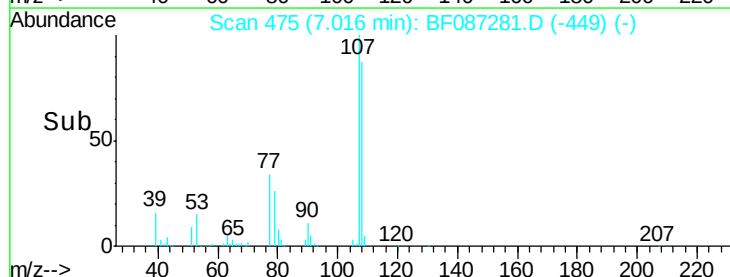
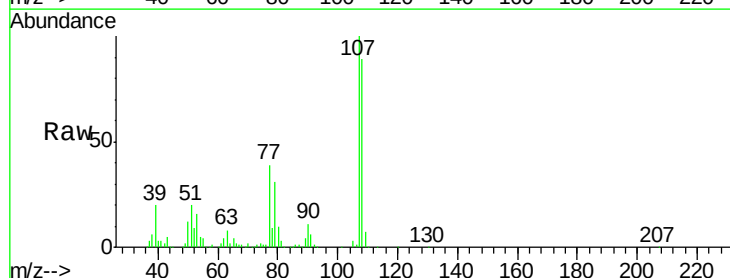
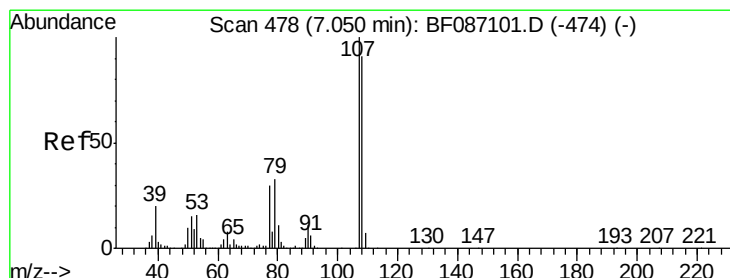
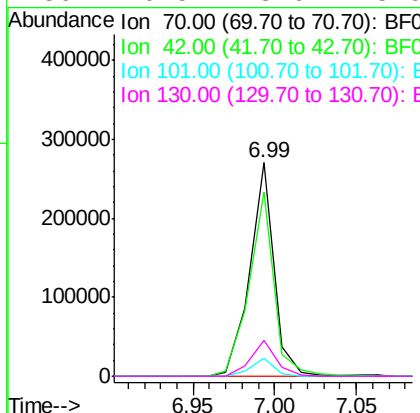




#19
n-Nitroso-di-n-propylamine
Concen: 36.30 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

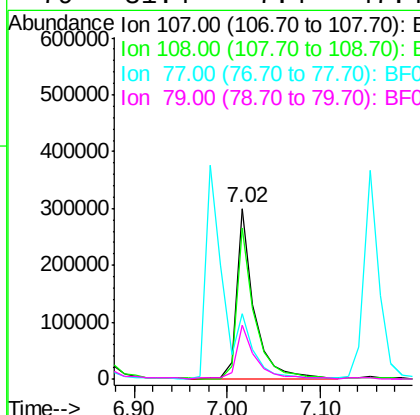
Instrument :
BNA_F
ClientSampleId :
PB90743BS

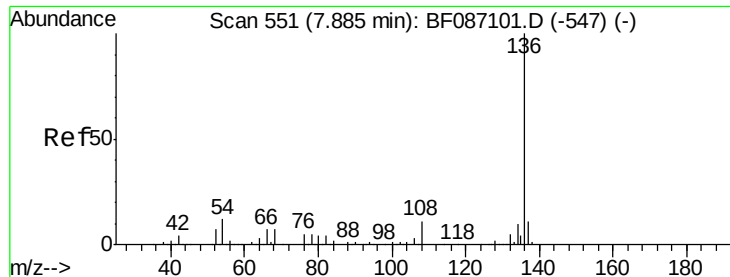
Tot Ion	Ratio	Lower	Upper
70	100		
42	86.5	43.1	64.7#
101	8.5	8.1	12.1
130	16.5	18.6	28.0#



#20
3+4-Methylphenols
Concen: 39.02 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.5	108.5
77	38.7	101.6	141.6#
79	31.4	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

Tot Ion:136 Resp: 538680

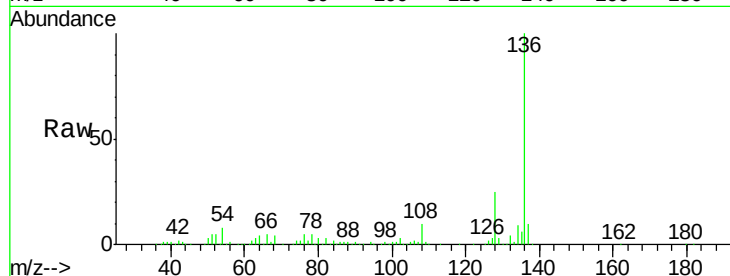
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.9 5.0 7.4#

68 4.1 4.4 6.6#

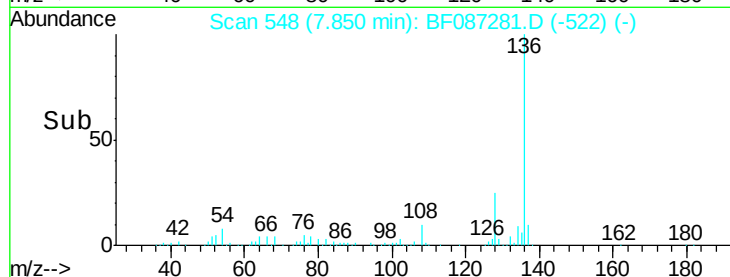


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

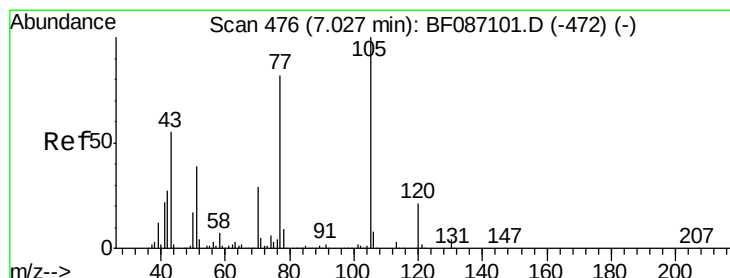
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.85



#22

Acetophenone

Concen: 39.40 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Tgt Ion:105 Resp: 519345

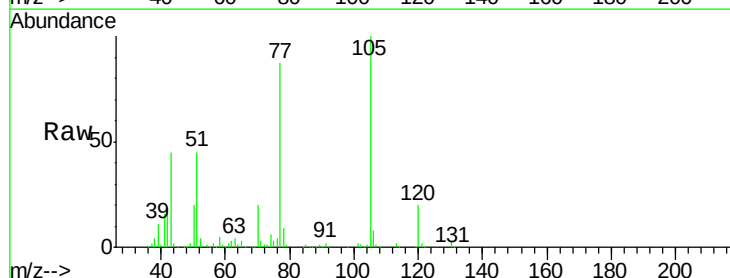
Ion Ratio Lower Upper

105 100

71 3.2 4.8 7.2#

51 45.1 32.6 49.0

120 20.1 16.5 24.7

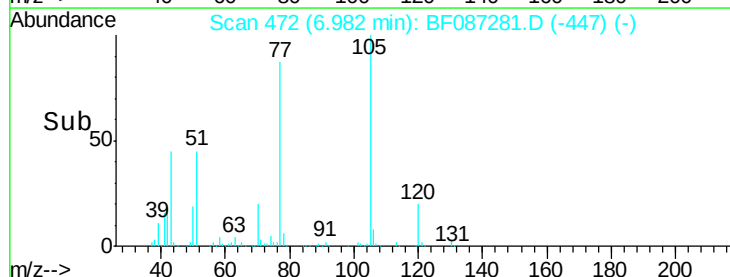


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

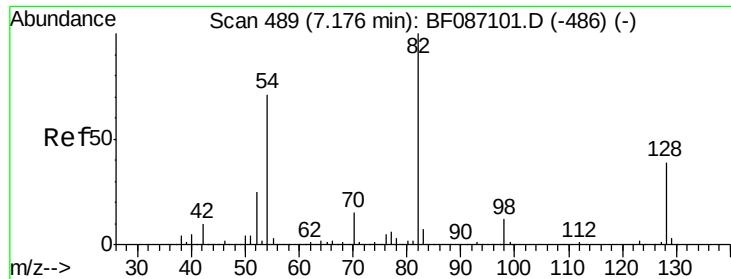
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

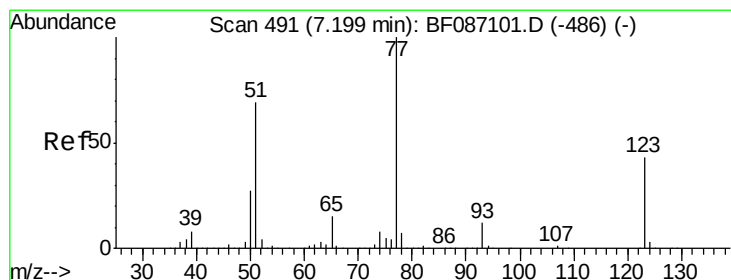
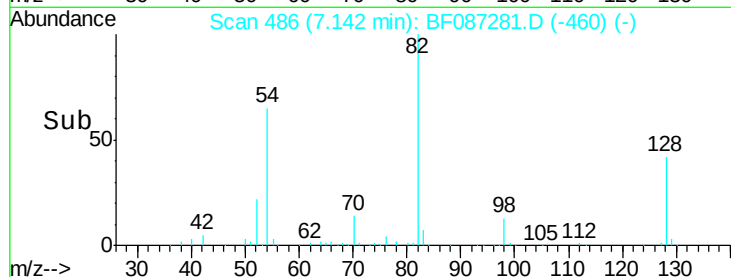
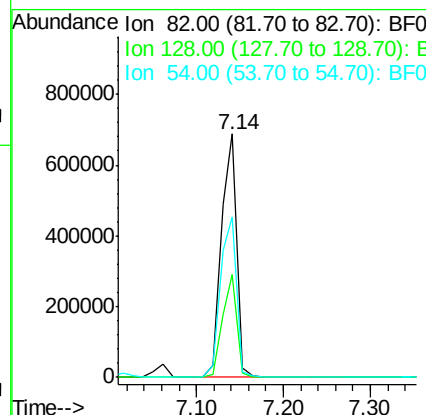
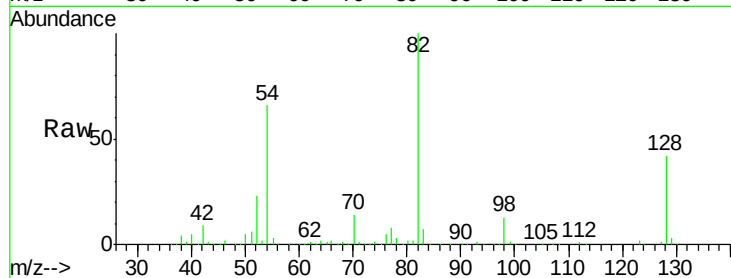
6.98



#23
 Nitrobenzene-d5
 Concen: 79.76 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

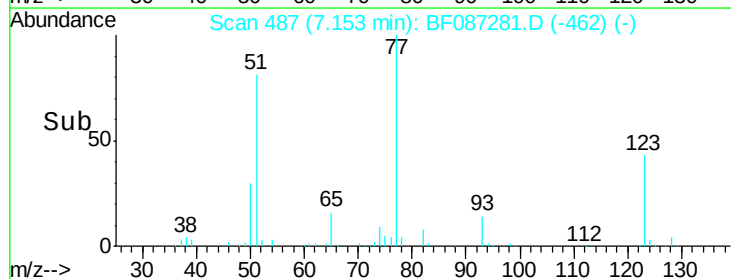
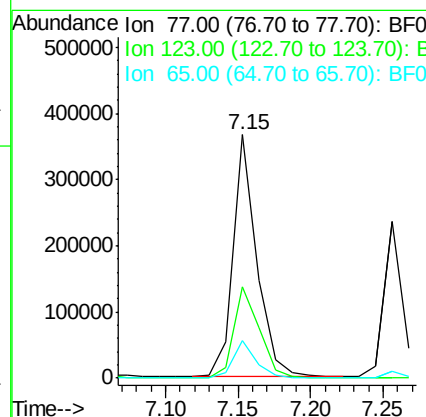
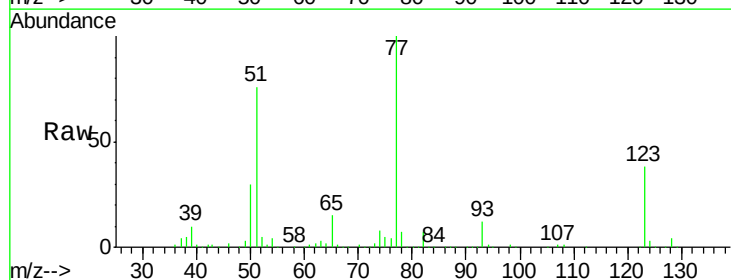
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

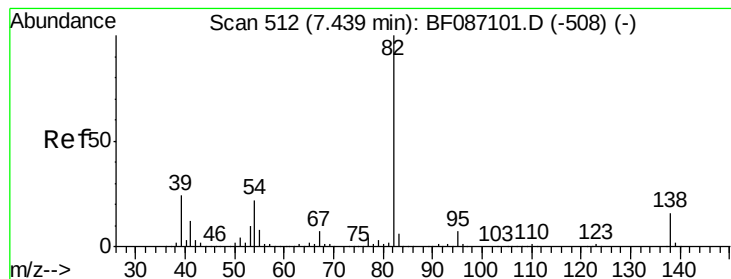
Tot Ion: 82 Resp: 862049
 Ion Ratio Lower Upper
 82 100
 128 42.1 40.6 61.0
 54 65.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 35.10 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion: 77 Resp: 414184
 Ion Ratio Lower Upper
 77 100
 123 37.6 33.0 49.4
 65 15.3 10.8 16.2





#25

Isophorone

Concen: 38.24 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

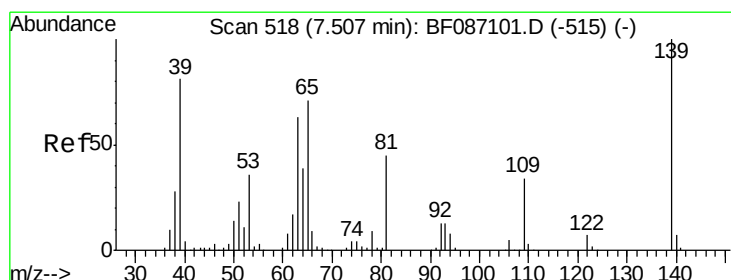
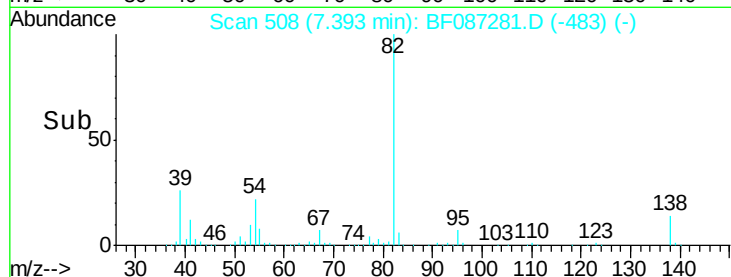
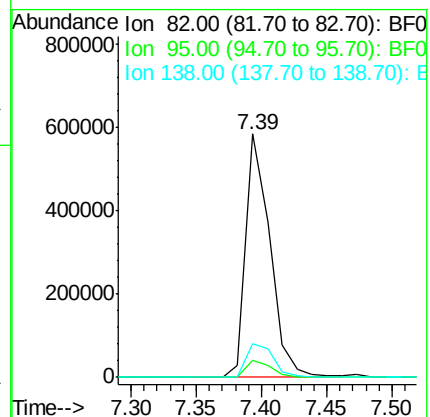
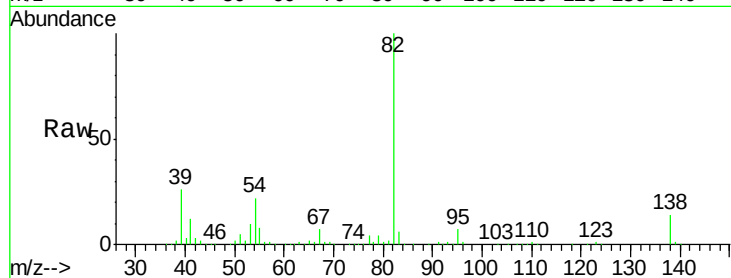
Tot Ion: 82 Resp: 756672

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 13.7 12.4 18.6



#26

2-Nitrophenol

Concen: 40.12 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

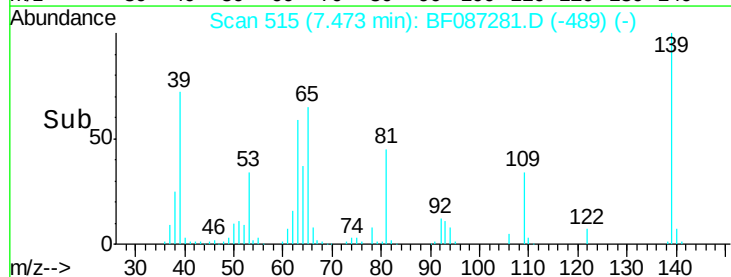
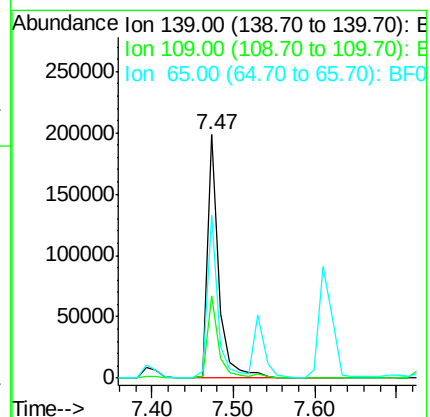
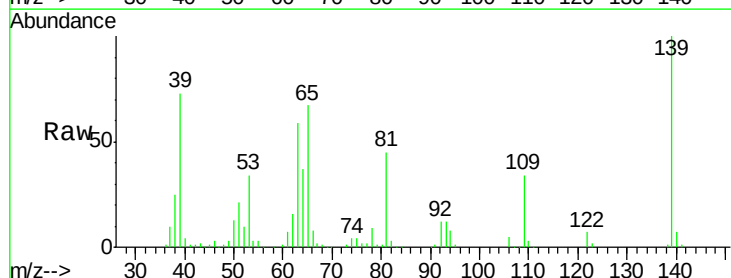
Tgt Ion: 139 Resp: 196151

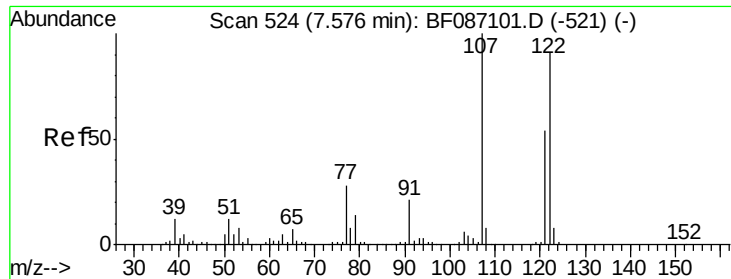
Ion Ratio Lower Upper

139 100

109 33.8 19.5 29.3#

65 67.0 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 38.46 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampled :

PB90743BS

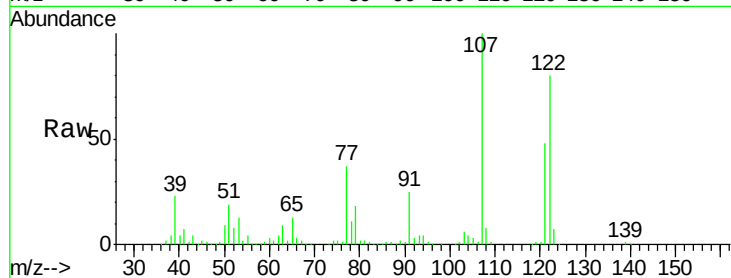
Tot Ion:122 Resp: 320900

Ion Ratio Lower Upper

122 100

107 125.5 82.0 123.0#

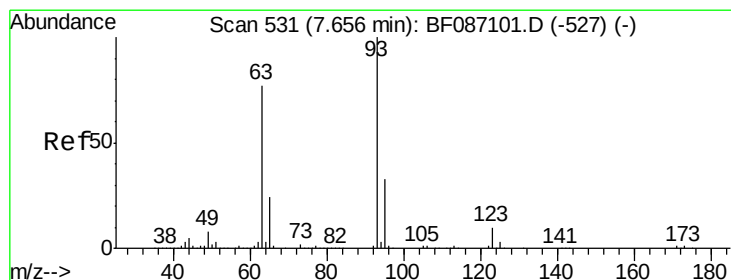
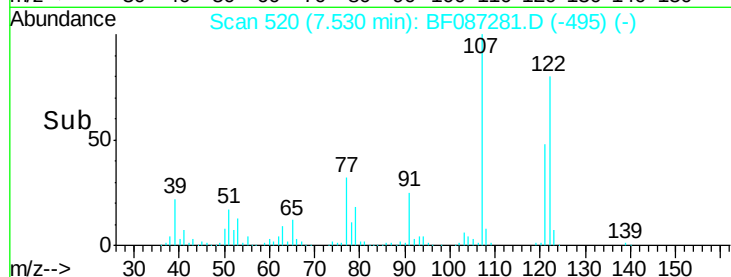
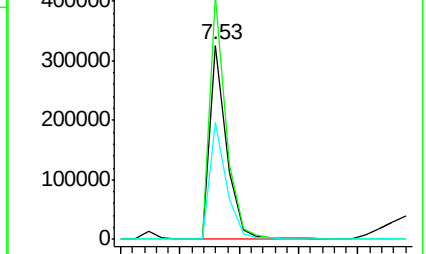
121 60.0 46.1 69.1



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: 39.39 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

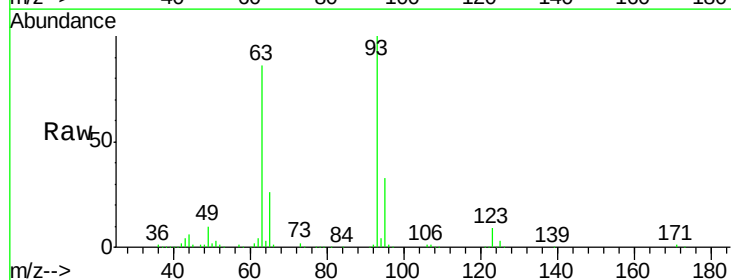
Tgt Ion: 93 Resp: 427879

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

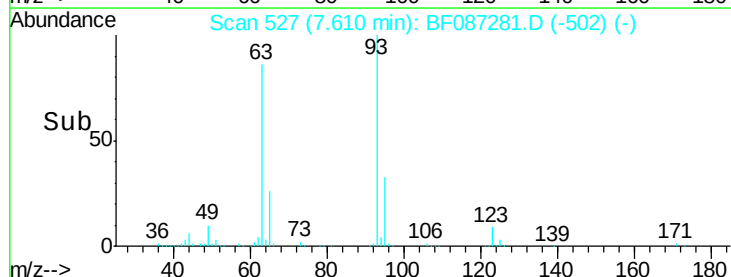
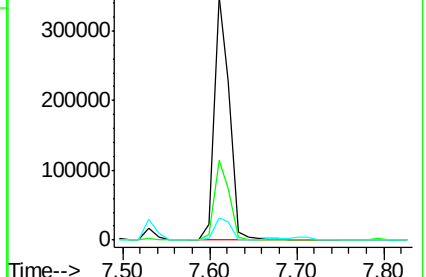
123 9.3 9.5 14.3#

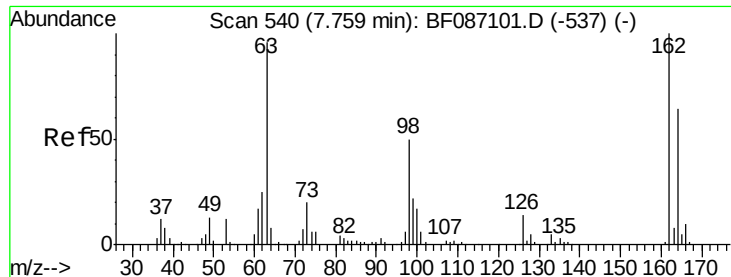


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

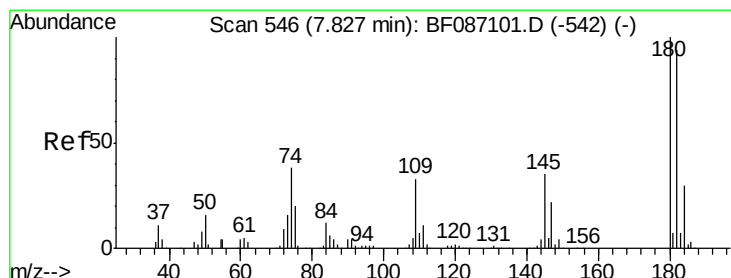
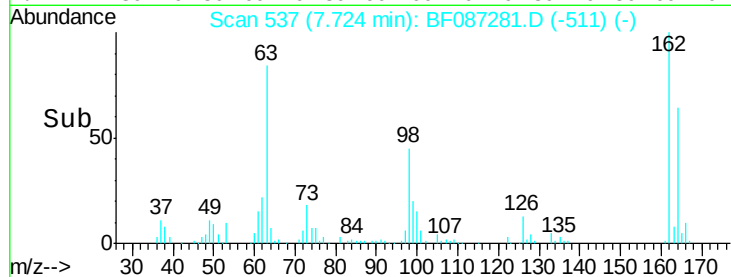
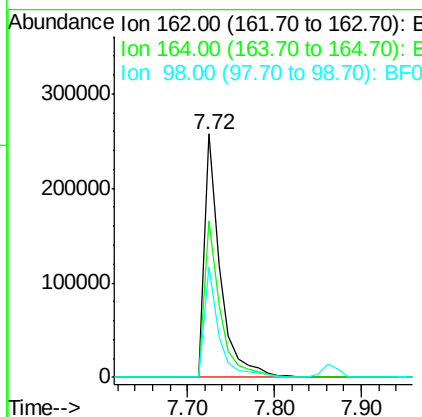
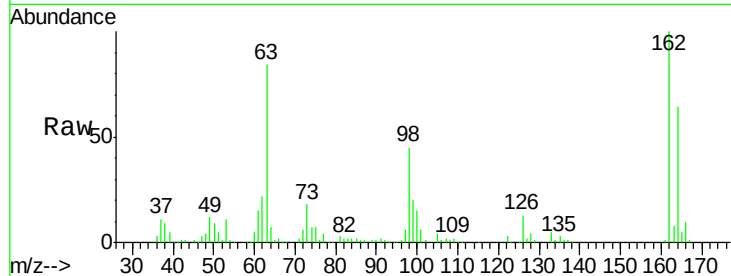




#29
 2,4-Dichlorophenol
 Concen: 44.04 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

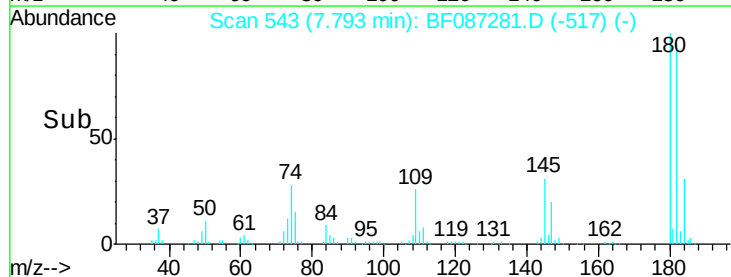
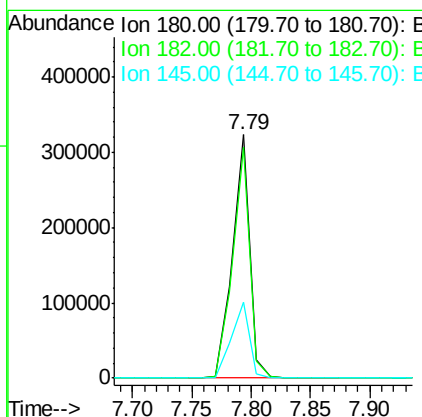
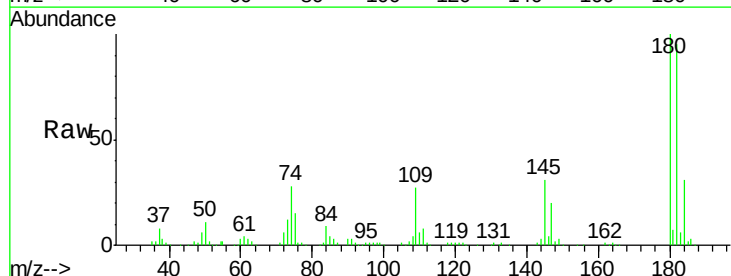
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

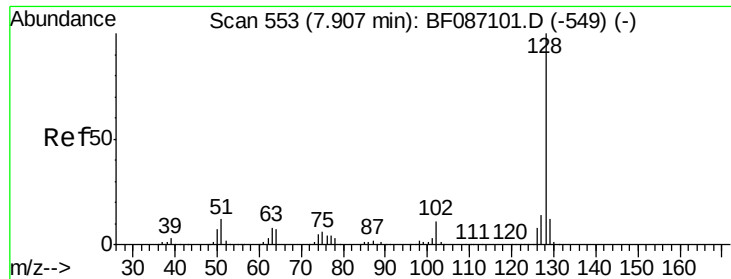
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.2	82.2
98	45.4	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.99 ng
 RT: 7.79 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.0	117.0
145	31.4	24.2	36.2

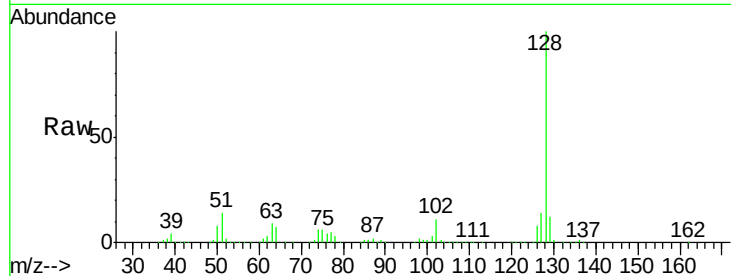




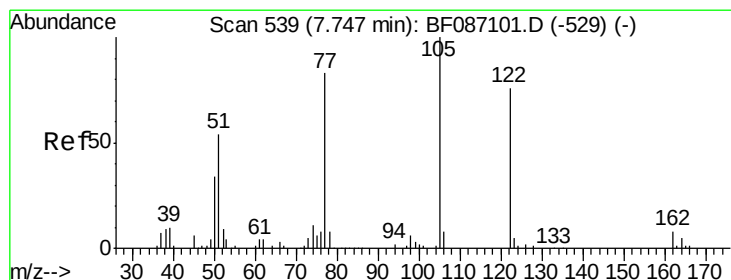
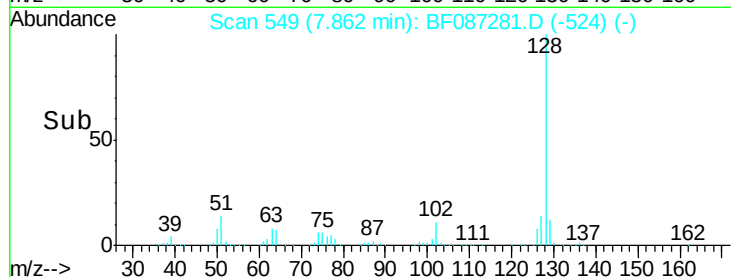
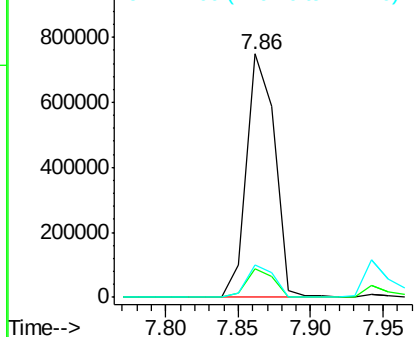
#31
Naphthalene
Concen: 38.33 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tot Ion:128 Resp: 1008778
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.6 10.8 16.2

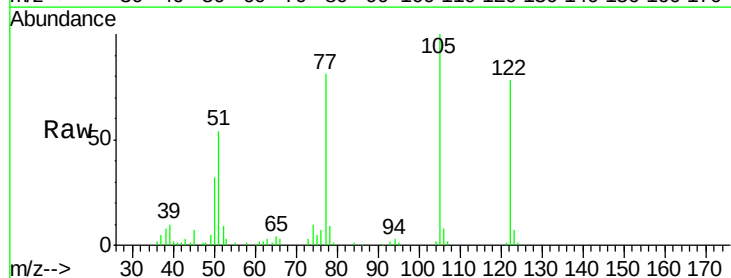


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

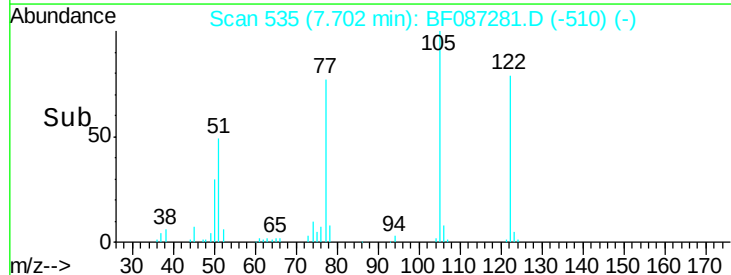
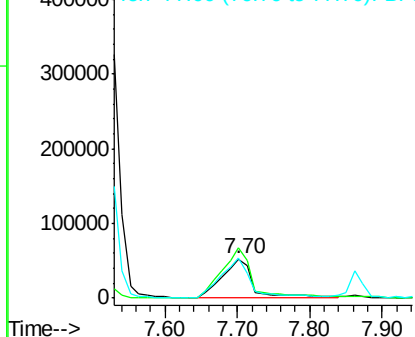


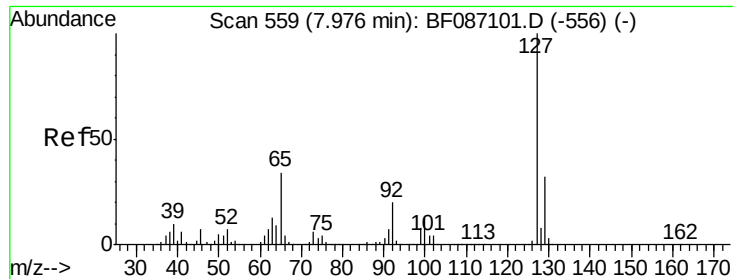
#32
Benzoic acid
Concen: 30.15 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:122 Resp: 149920
Ion Ratio Lower Upper
122 100
105 127.6 92.6 132.6
77 103.6 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

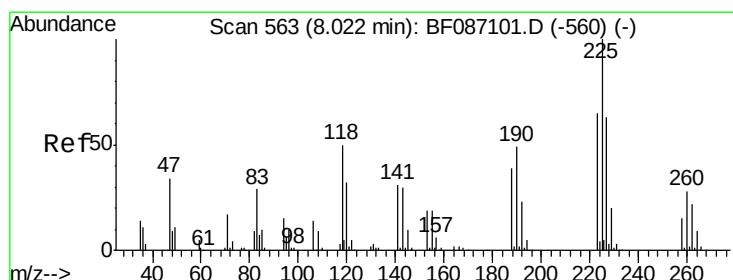
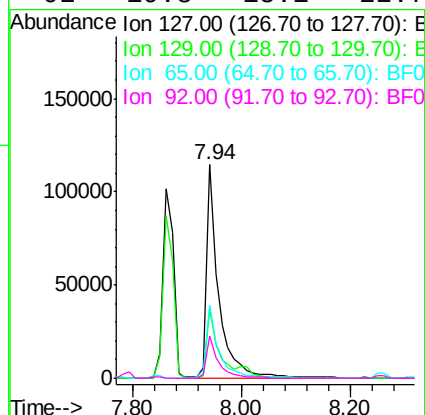
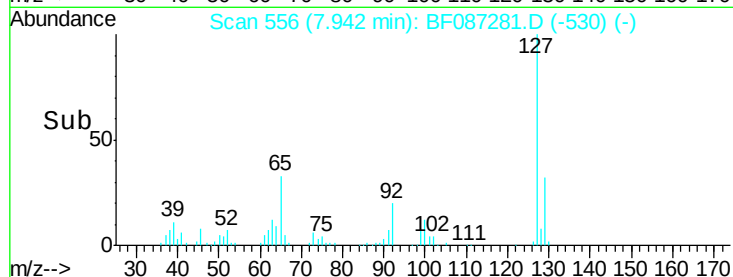
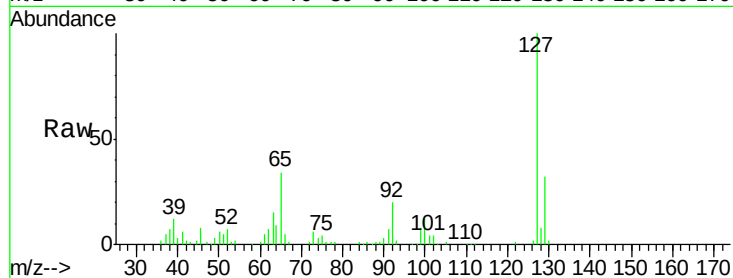




#33
4-Chloroaniline
Concen: 15.85 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

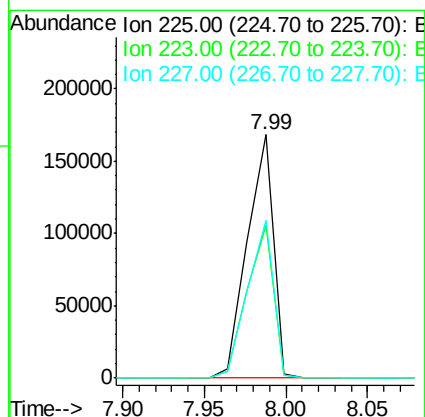
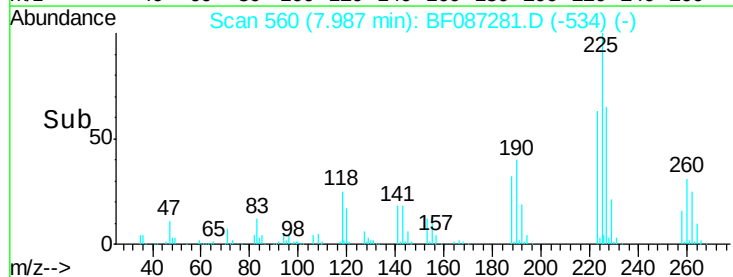
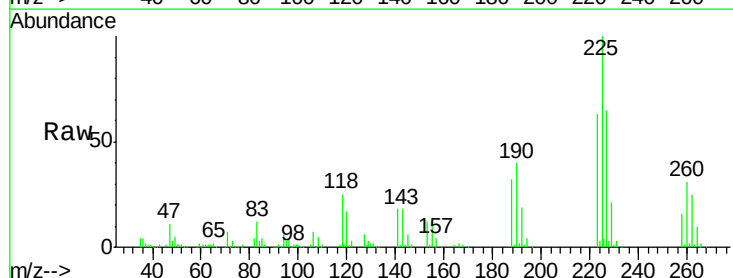
Instrument :
BNA_F
ClientSampleId :
PB90743BS

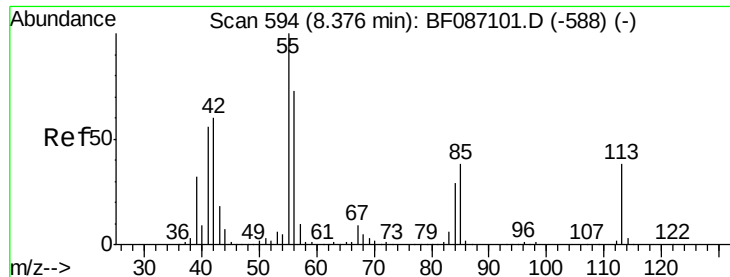
Tot Ion:	127	Resp:	173433
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	34.1	23.0	34.4
92	19.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.47 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:	225	Resp:	187344
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.5	77.3
227	64.8	52.2	78.2

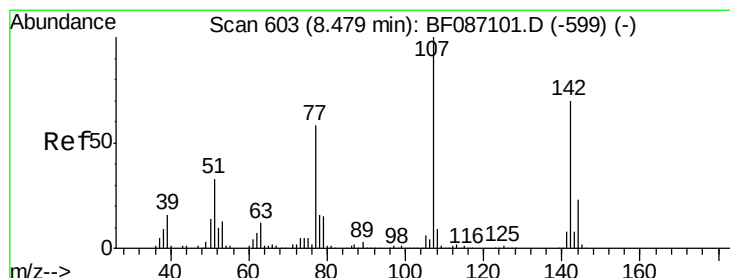
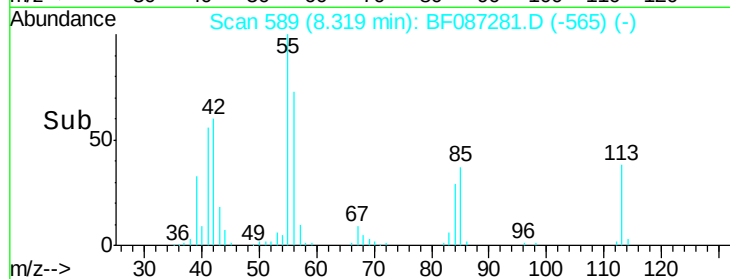
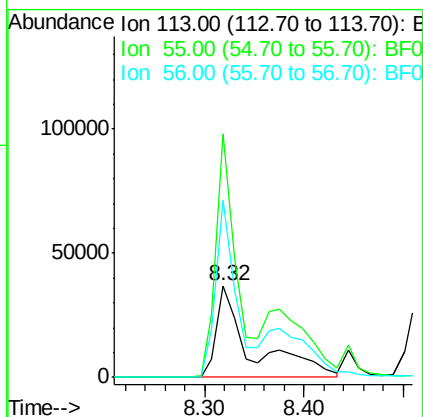
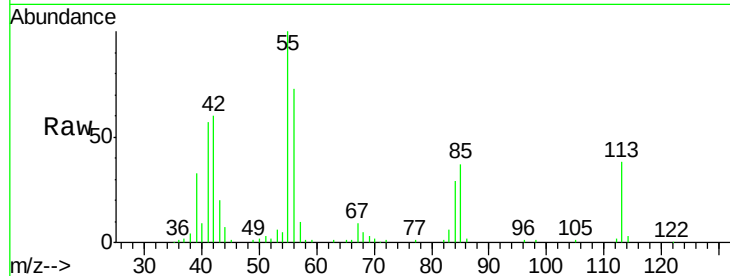




#35
 Caprolactam
 Concen: 36.73 ng/ml
 RT: 8.32 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

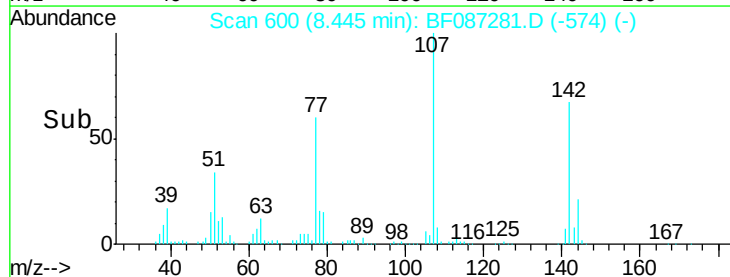
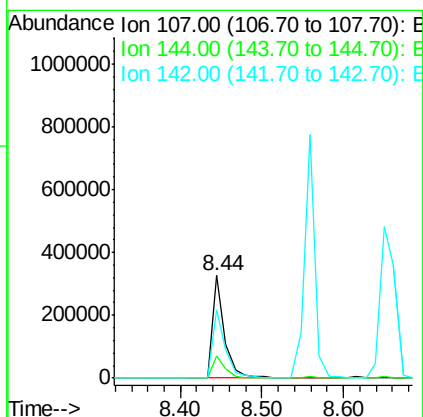
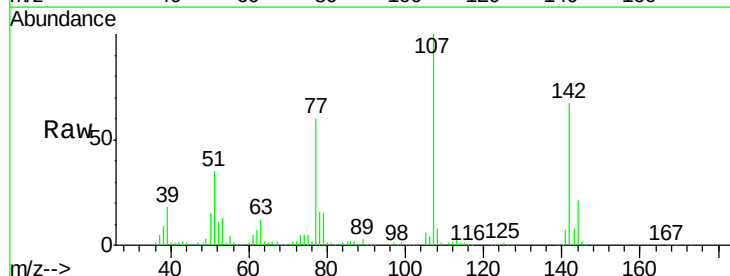
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

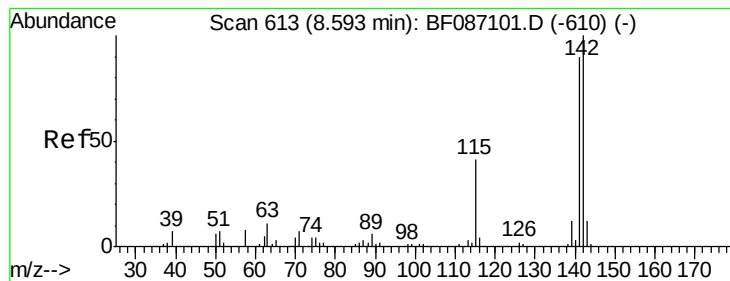
Tot Ion:113 Resp: 89923
 Ion Ratio Lower Upper
 113 100
 55 265.8 162.0 202.0#
 56 192.9 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 38.14 ng/ml
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion:107 Resp: 338265
 Ion Ratio Lower Upper
 107 100
 144 21.3 20.7 31.1
 142 66.7 63.2 94.8

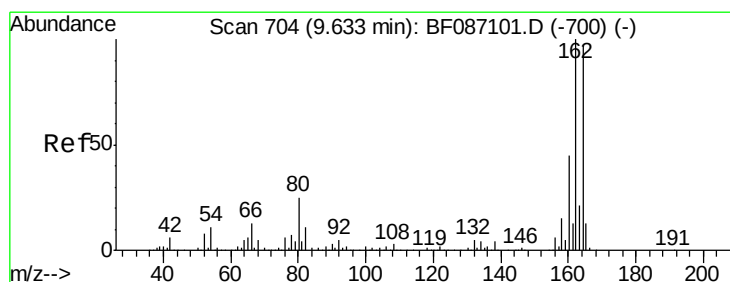
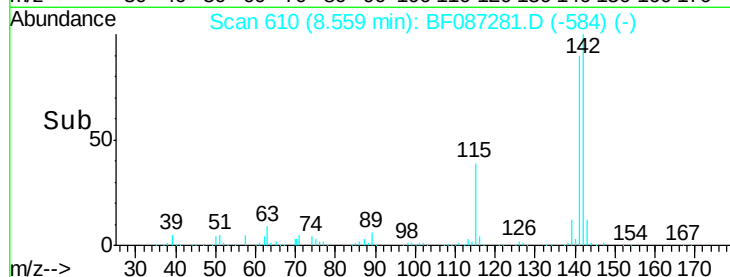
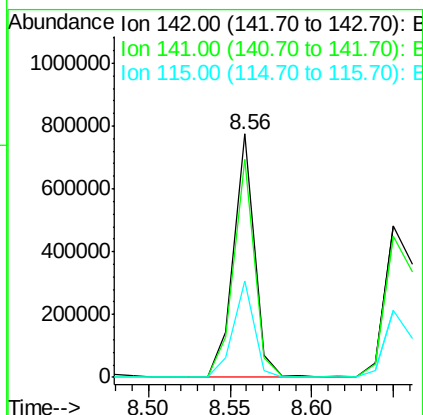
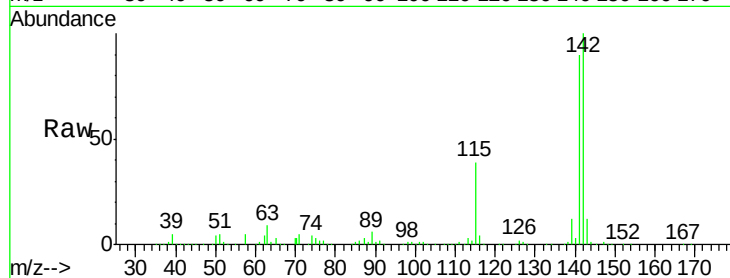




#37
 2-Methylnaphthalene
 Concen: 40.73 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

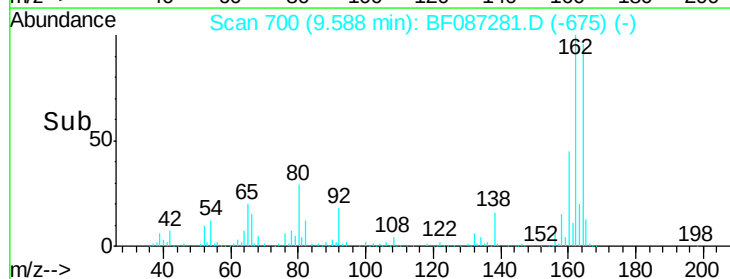
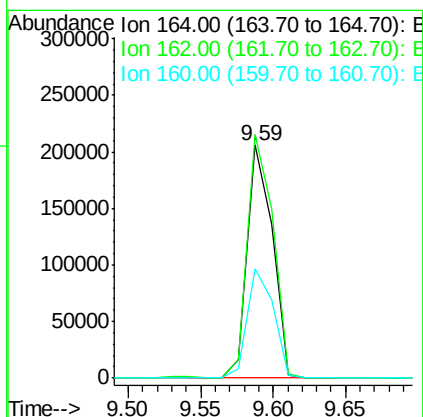
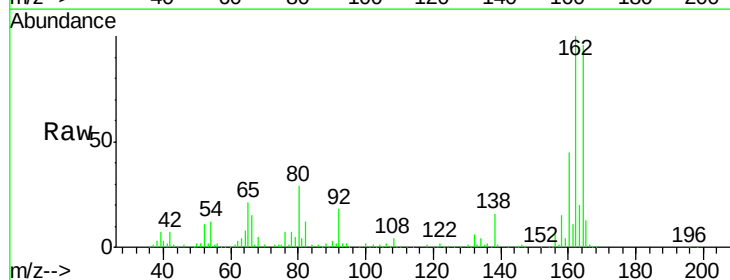
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

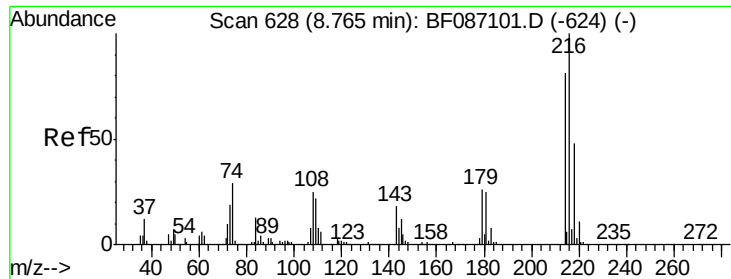
Tot Ion:142 Resp: 685627
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.0 106.6
 115 39.5 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion:164 Resp: 248567
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.8 124.2
 160 47.0 36.9 55.3

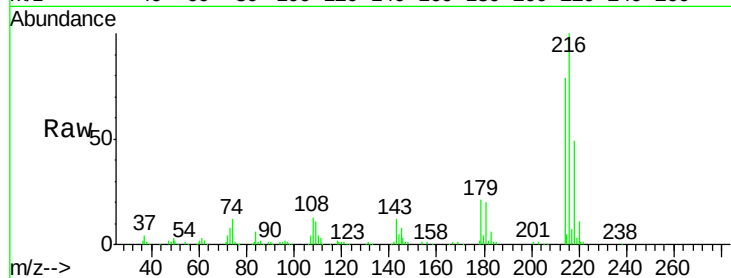




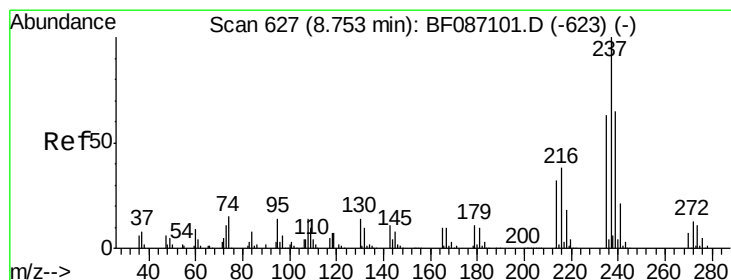
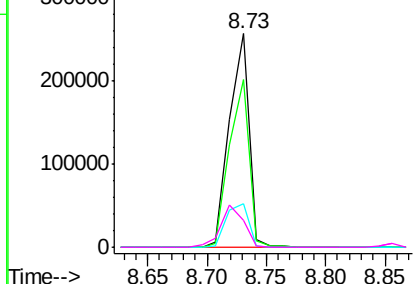
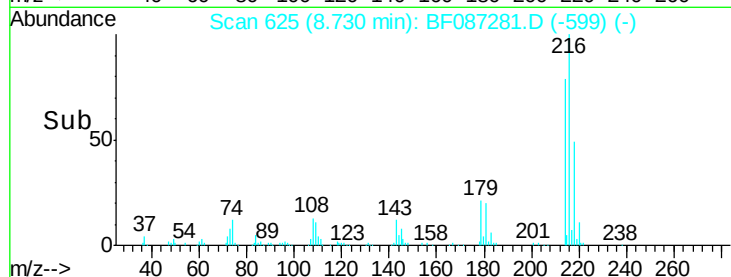
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.81 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tot Ion:	216	Resp:	296254
Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	93.8
179	23.5	18.2	27.4
108	23.2	17.5	26.3

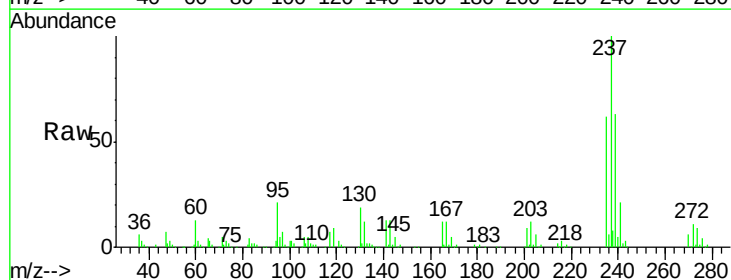


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

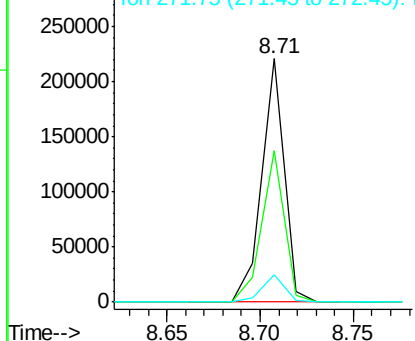
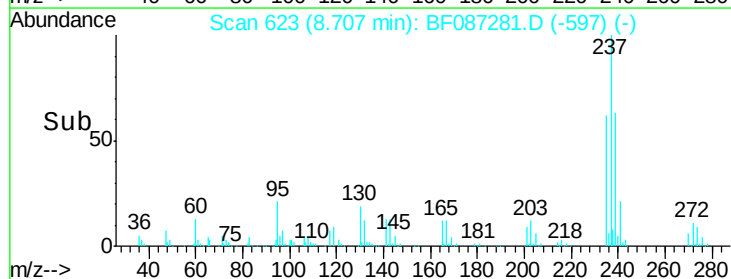


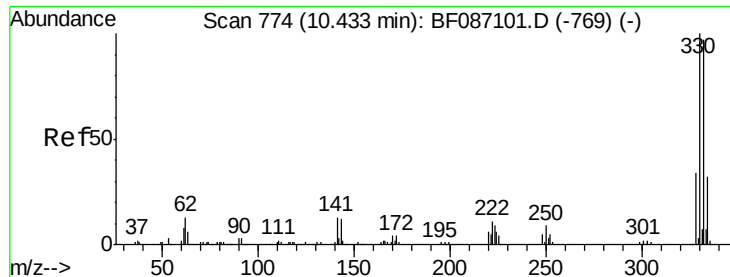
#40
 Hexachlorocyclopentadiene
 Concen: 66.76 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion:	237	Resp:	183110
Ion	Ratio	Lower	Upper
237	100		
235	62.0	47.2	87.2
272	11.5	0.0	31.1



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

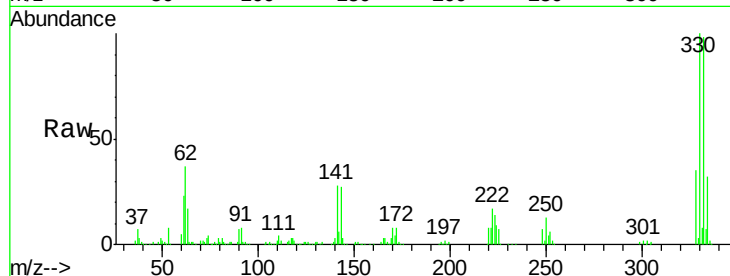




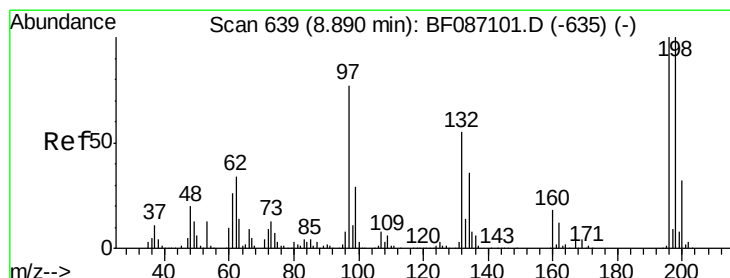
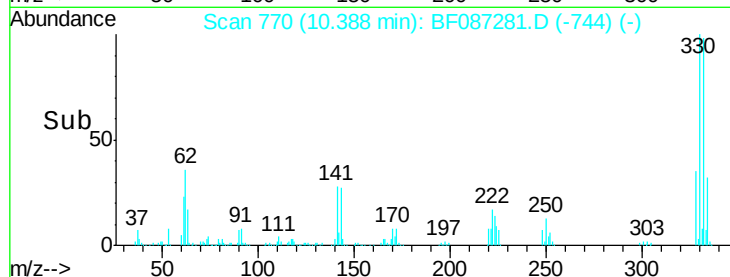
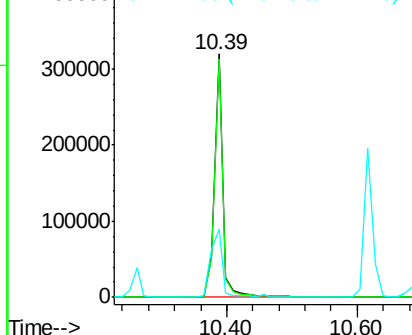
#41
 2,4,6-Tribromophenol
 Concen: 108.26 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	38.6	31.2	46.8

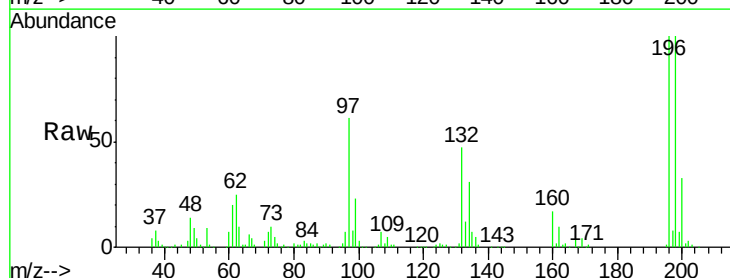


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

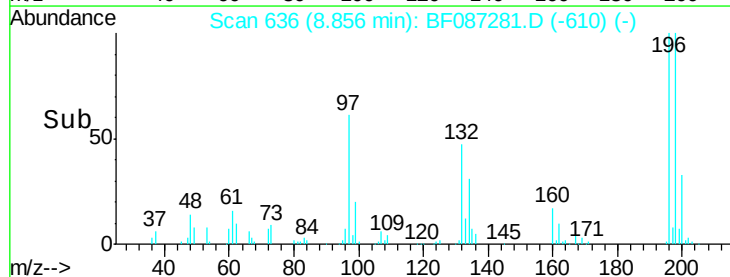
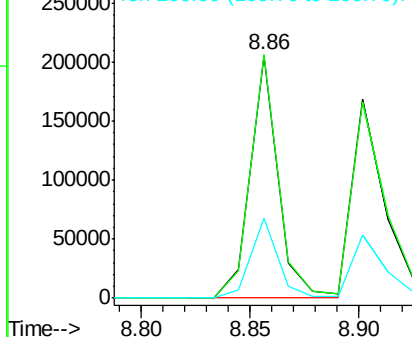


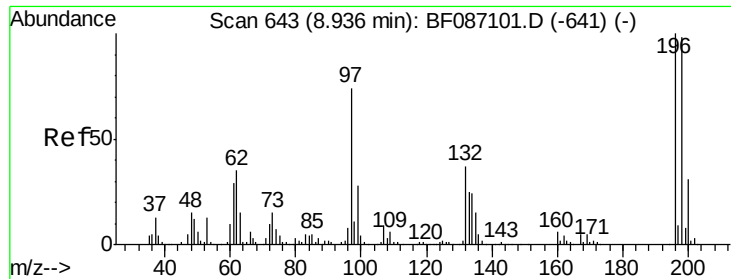
#42
 2,4,6-Trichlorophenol
 Concen: 39.08 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	74.7	112.1
200	32.6	23.8	35.6



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

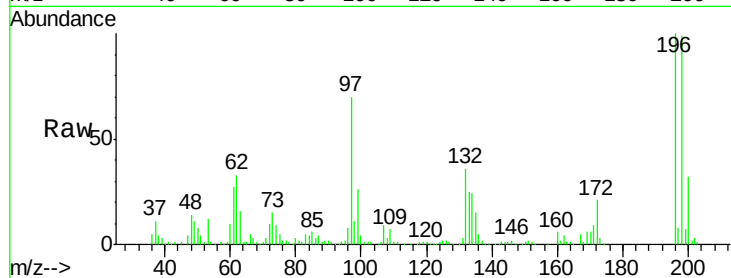




#43
 2,4,5-Trichlorophenol
 Concen: 39.81 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	77.5	116.3
97	69.8	34.8	52.2
132	35.8	23.0	34.4



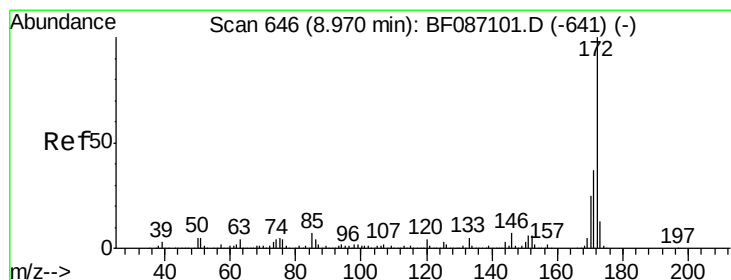
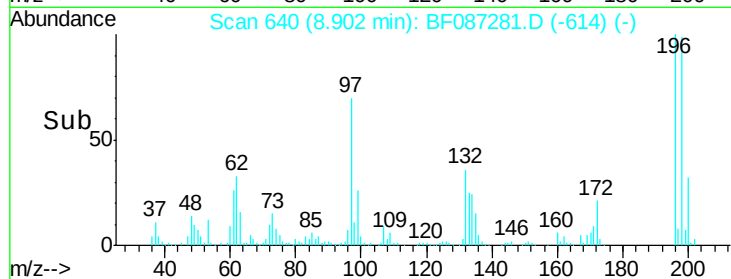
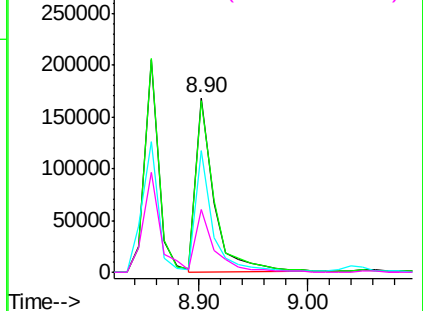
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

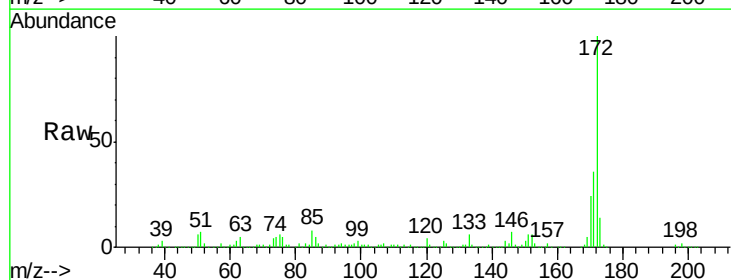
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.42 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.8	29.8

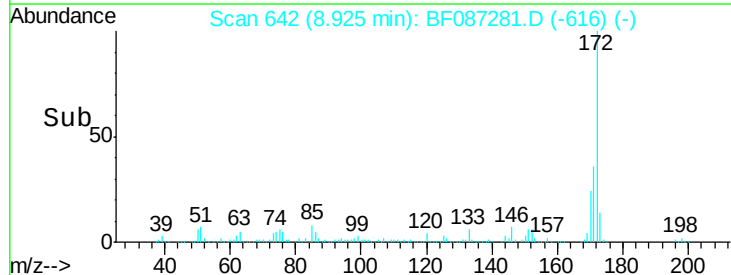
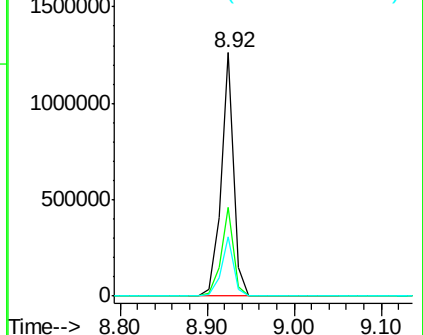


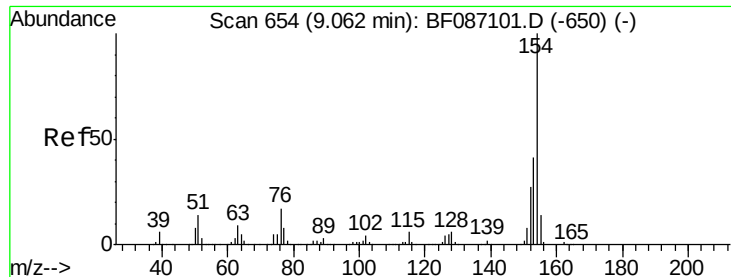
Abundance

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: 42.87 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

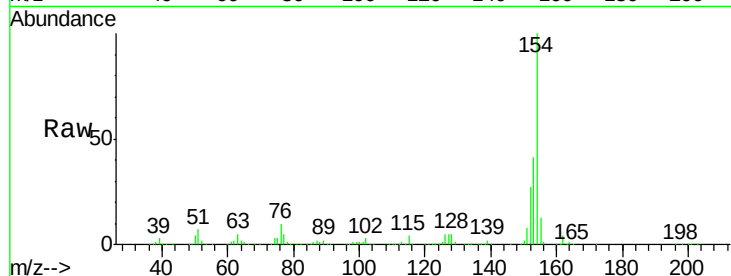
Tot Ion:154 Resp: 883530

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

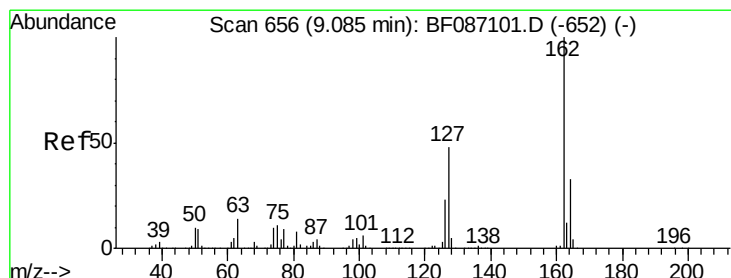
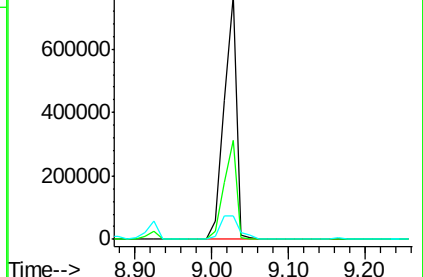
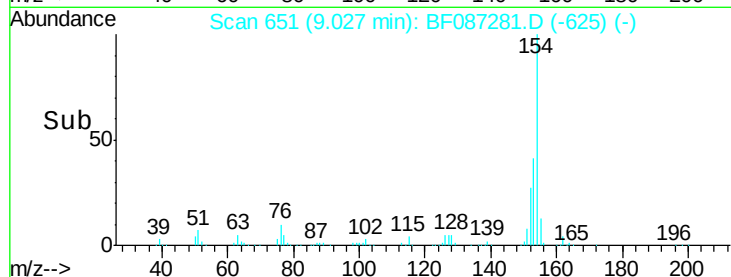
76 9.5 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.66 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

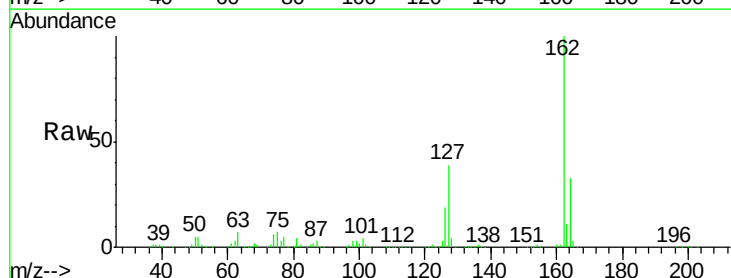
Tgt Ion:162 Resp: 643313

Ion Ratio Lower Upper

162 100

127 38.5 31.8 47.6

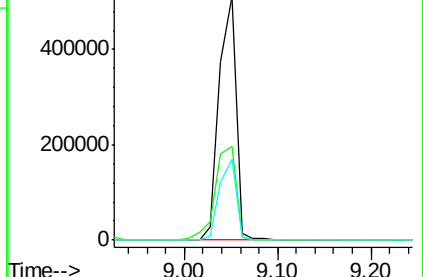
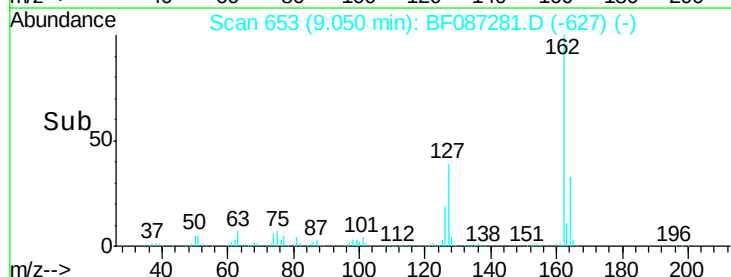
164 33.4 27.0 40.6

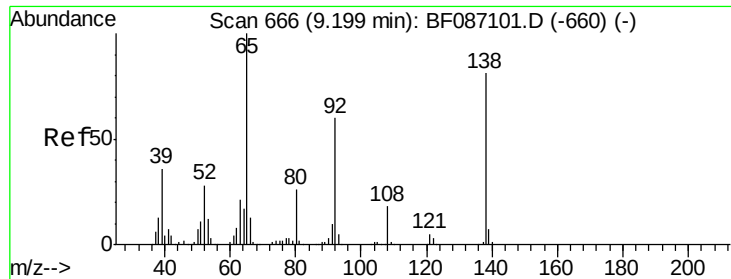


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

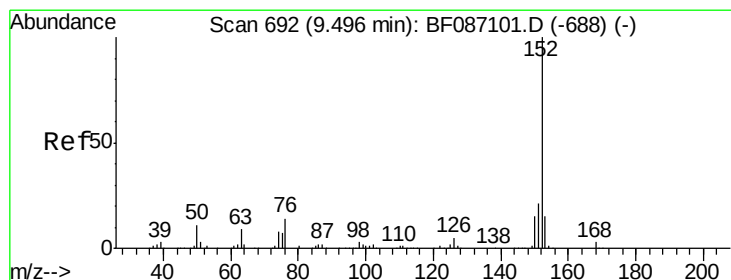
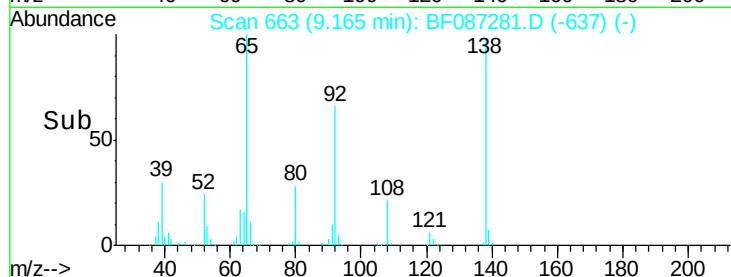
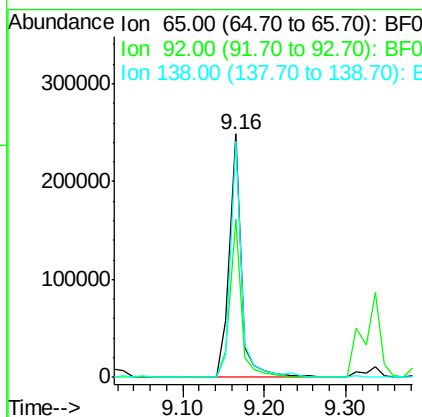
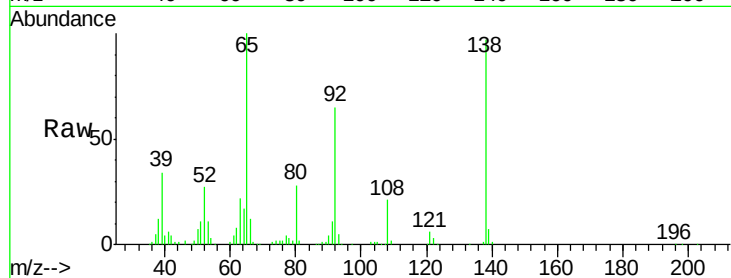




#47
2-Nitroaniline
Concen: 41.92 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

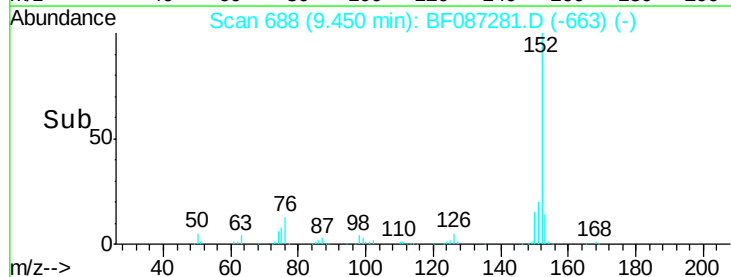
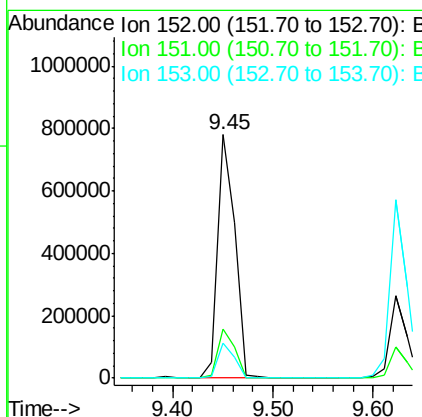
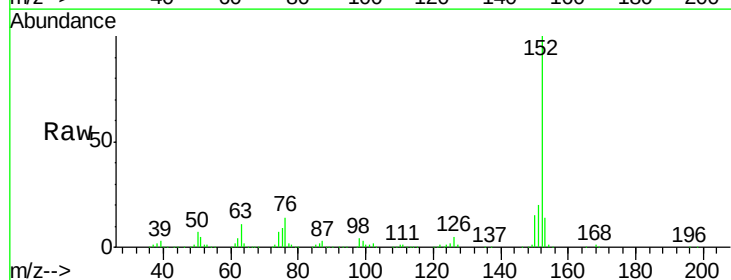
Instrument :
BNA_F
ClientSampleId :
PB90743BS

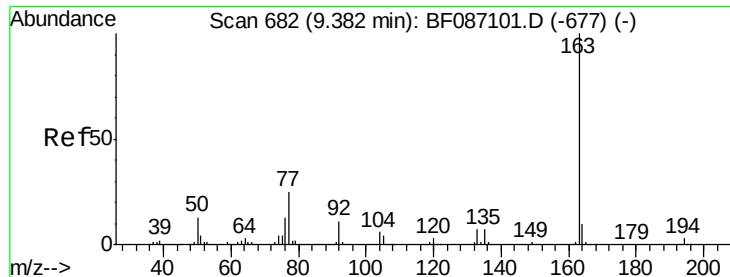
Tot Ion: 65 Resp: 254205
Ion Ratio Lower Upper
65 100
92 64.9 57.4 86.2
138 96.7 90.1 135.1



#48
Acenaphthylene
Concen: 38.23 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 152 Resp: 923690
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.5 10.9 16.3





#49

Dimethylphthalate

Concen: 39.53 ng

RT: 9.34 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

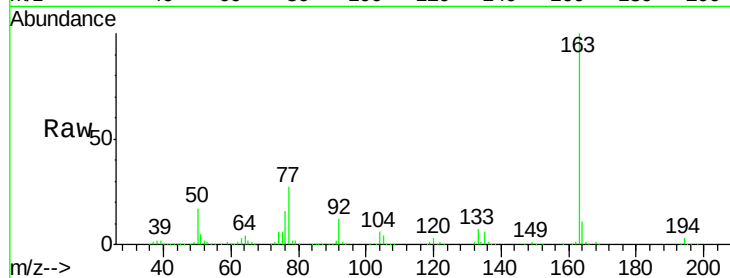
Tot Ion:163 Resp: 749481

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

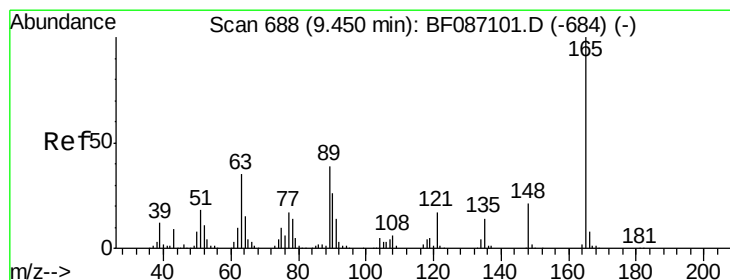
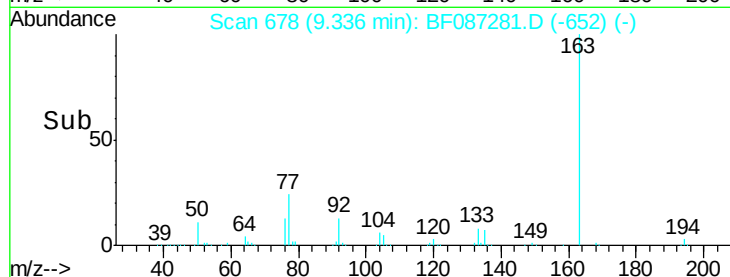
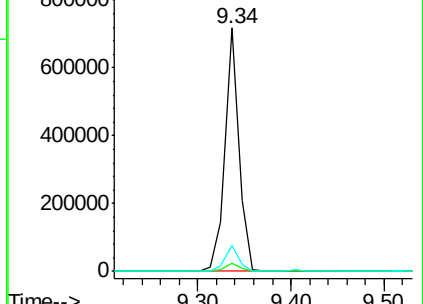
164 10.5 8.2 12.4



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: 42.18 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

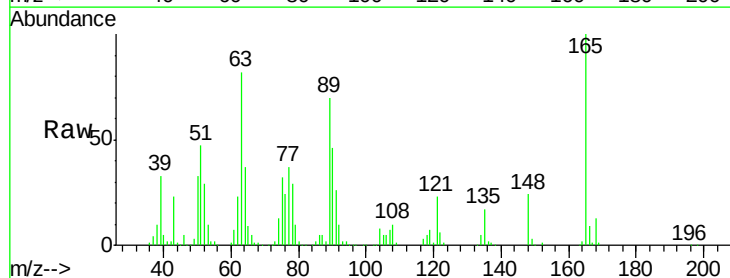
Tgt Ion:165 Resp: 173685

Ion Ratio Lower Upper

165 100

63 81.8 51.8 77.8#

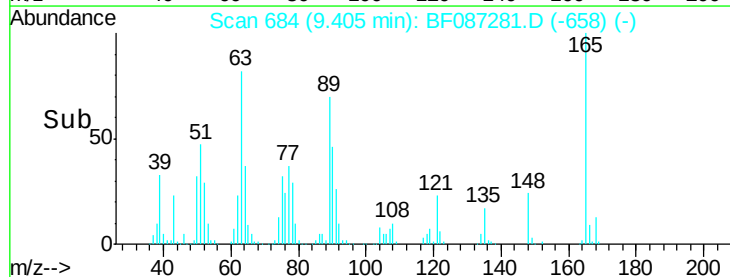
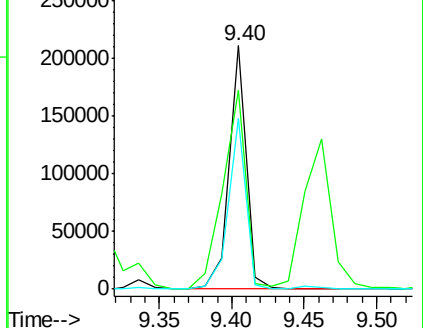
89 70.1 50.7 76.1

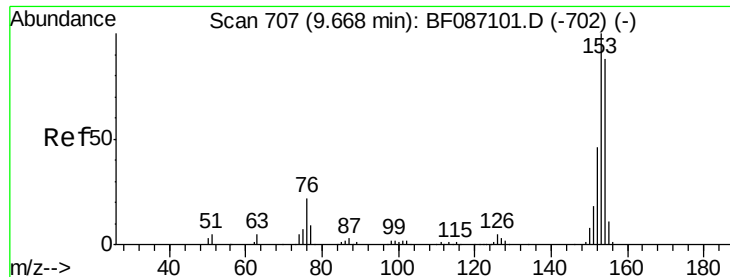


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.93 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

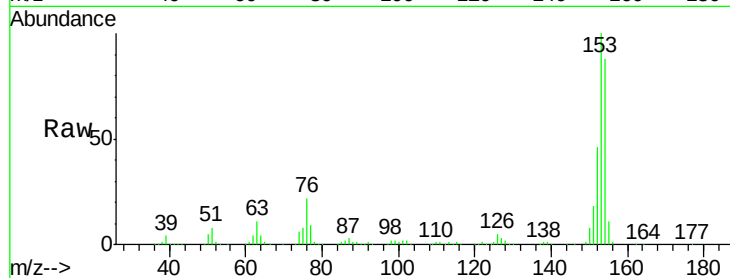
Tot Ion:154 Resp: 572596

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

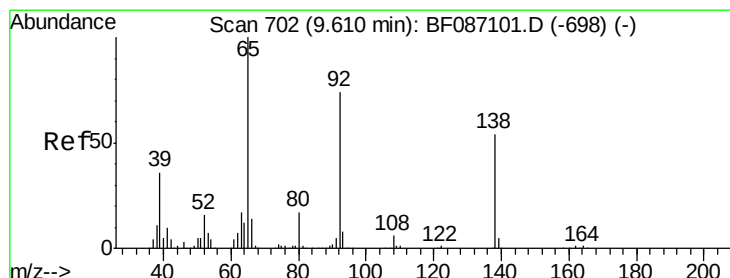
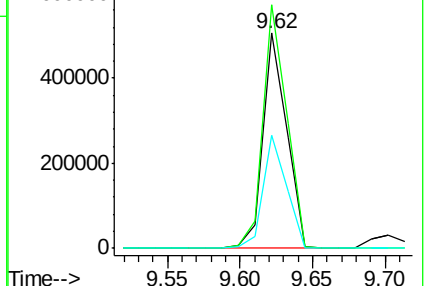
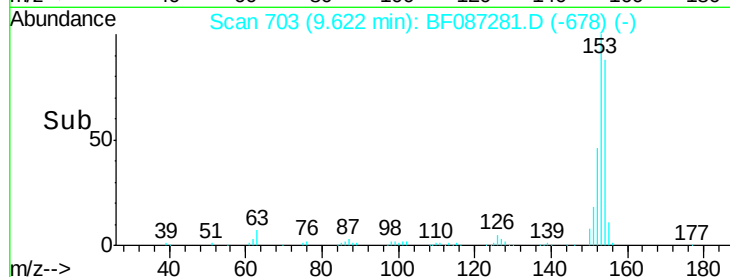
152 52.3 43.4 65.0



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: 25.73 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

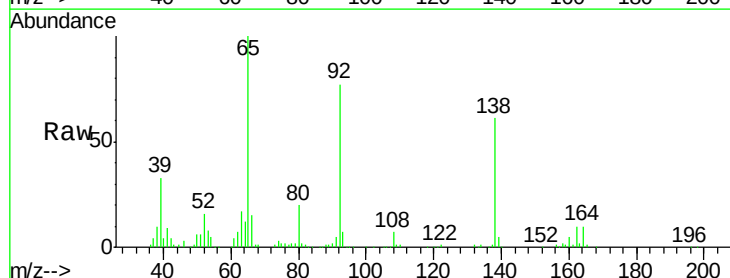
Tgt Ion:138 Resp: 114691

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.6

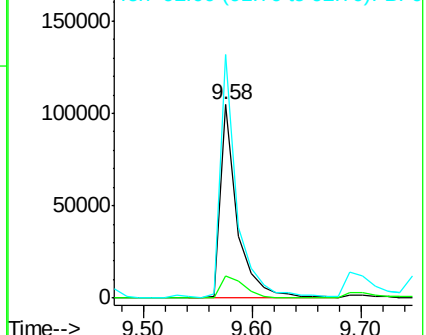
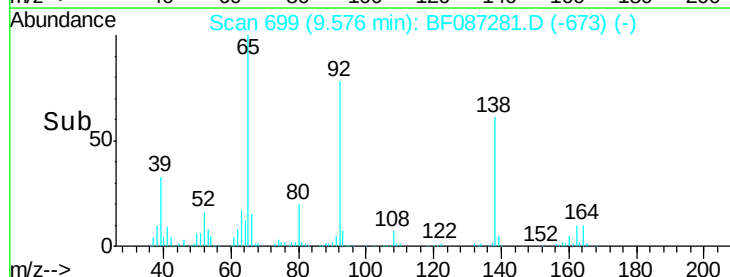
92 126.0 87.8 131.8

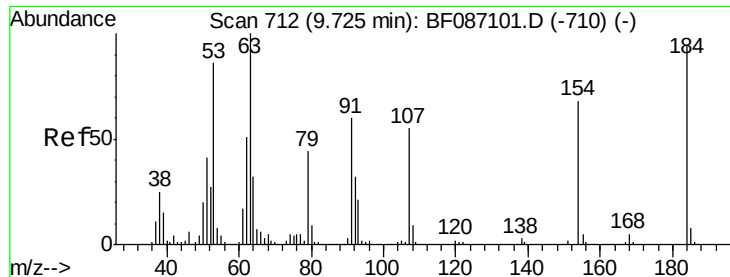


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

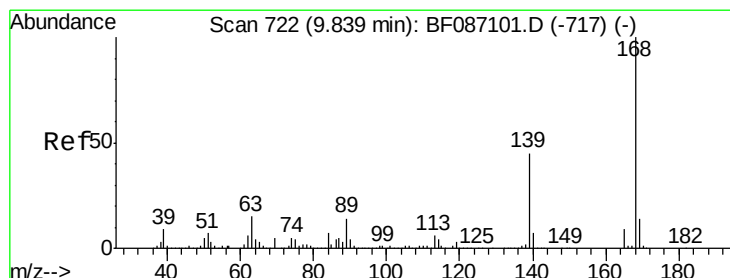
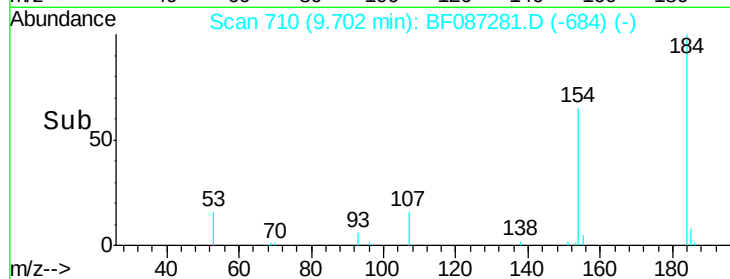
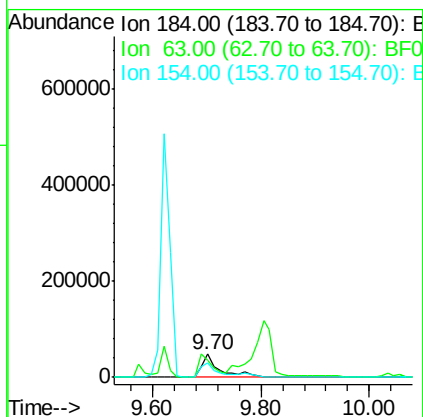
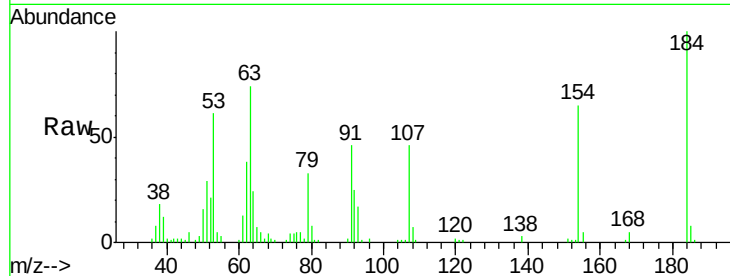




#53
2,4-Dinitrophenol
Concen: 50.53 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

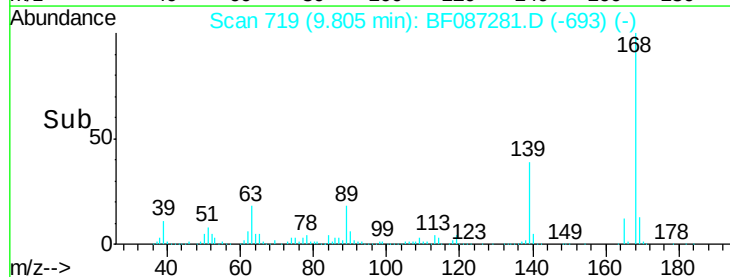
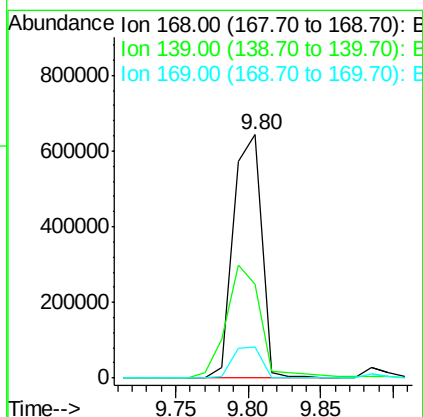
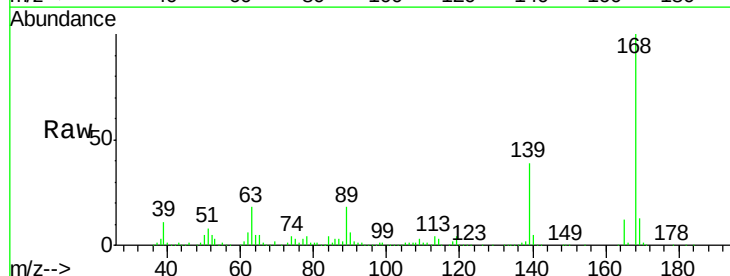
Instrument :
BNA_F
ClientSampleId :
PB90743BS

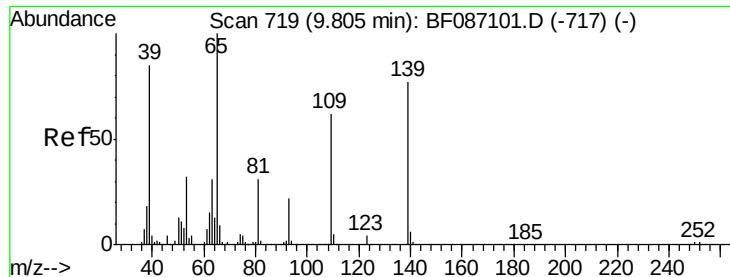
Tot Ion:184 Resp: 114827
Ion Ratio Lower Upper
184 100
63 74.2 55.8 83.8
154 64.7 62.4 93.6



#54
Dibenzofuran
Concen: 44.59 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:168 Resp: 870449
Ion Ratio Lower Upper
168 100
139 38.6 31.4 47.0
169 12.8 10.7 16.1





#55

4-Nitrophenol

Concen: 38.41 ng/mL

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleID :

PB90743BS

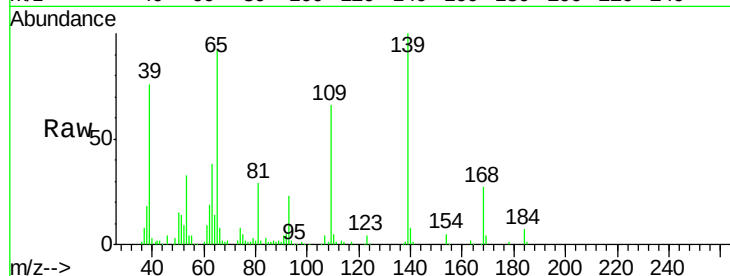
Tot Ion:139 Resp: 80654

Ion Ratio Lower Upper

139 100

109 65.6 36.9 76.9

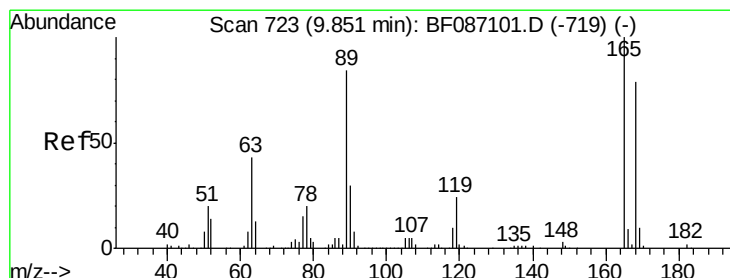
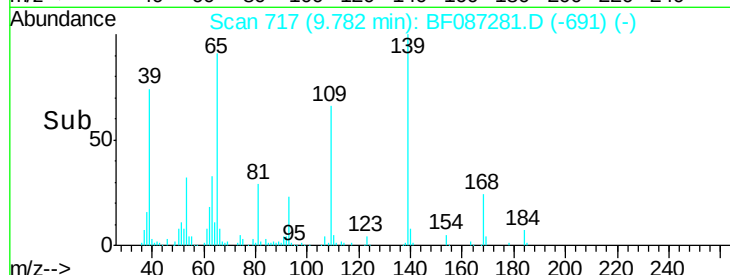
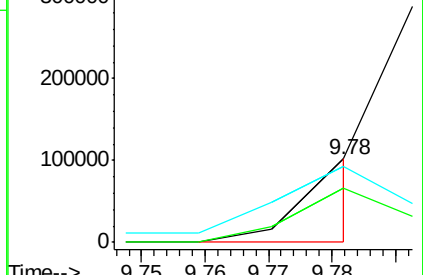
65 91.6 64.0 104.0



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: 42.40 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Tgt Ion:165 Resp: 223584

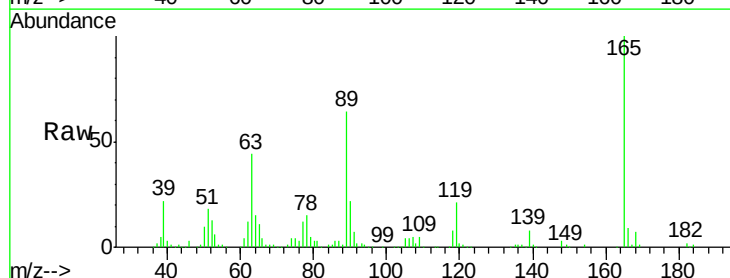
Ion Ratio Lower Upper

165 100

63 43.9 44.3 66.5#

89 63.6 70.0 105.0#

182 2.5 1.8 2.6

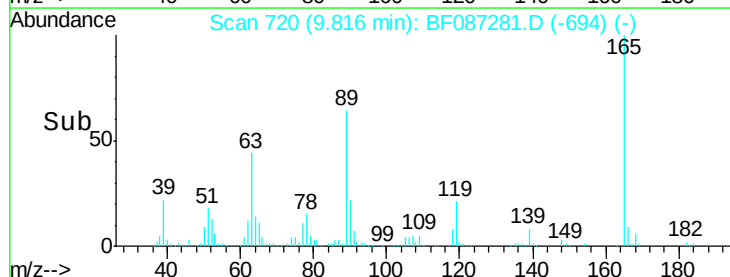
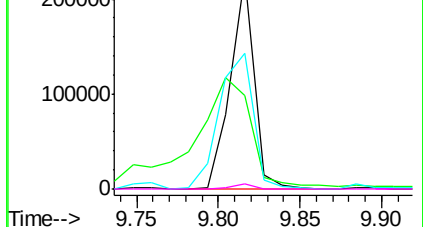


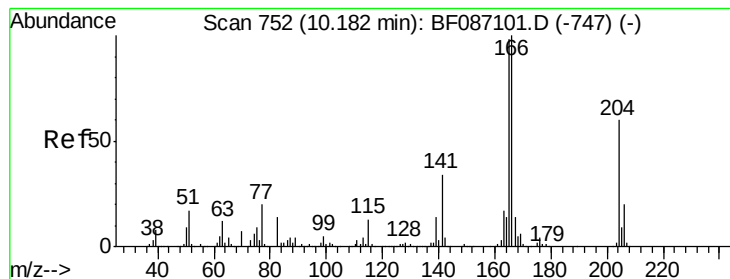
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.23 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

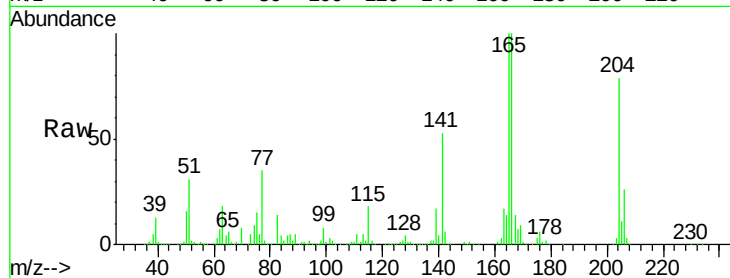
Tot Ion:166 Resp: 615155

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

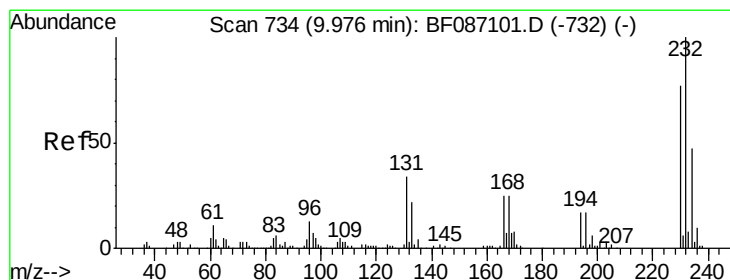
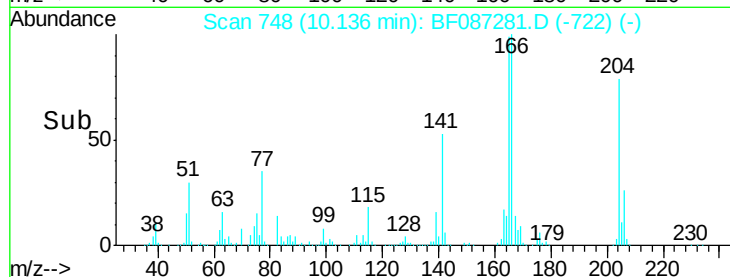
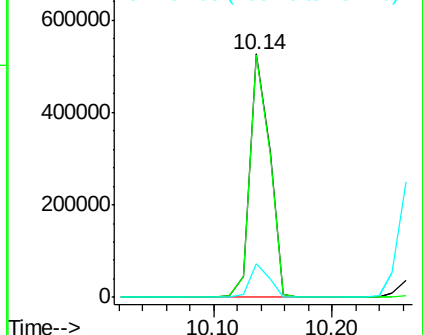
167 13.9 10.6 15.8



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: 43.09 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Tgt Ion:232 Resp: 164131

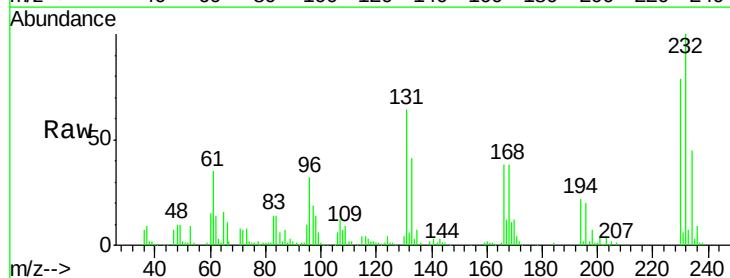
Ion Ratio Lower Upper

232 100

131 50.7 41.9 62.9

130 3.0 2.2 3.4

166 29.8 26.8 40.2

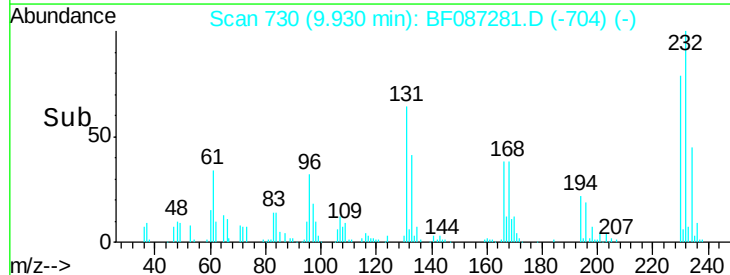
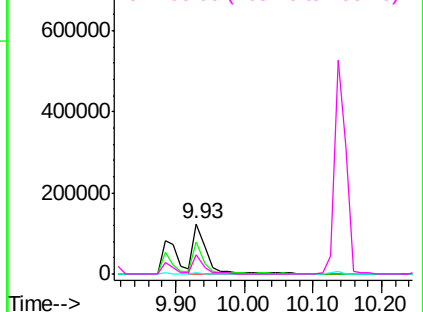


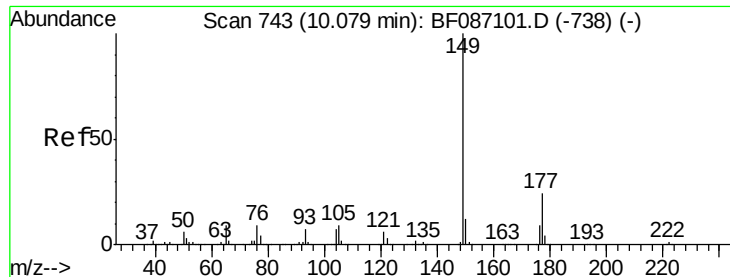
Abundance Ion 232.00 (231.70 to 232.70): E

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

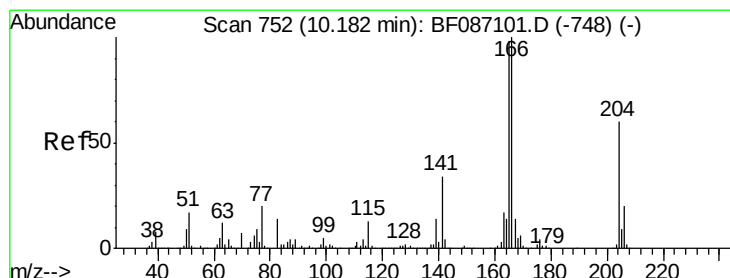
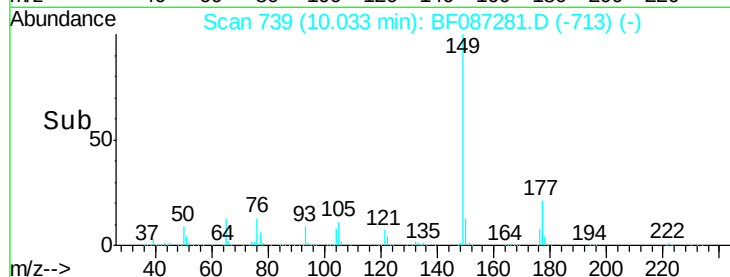
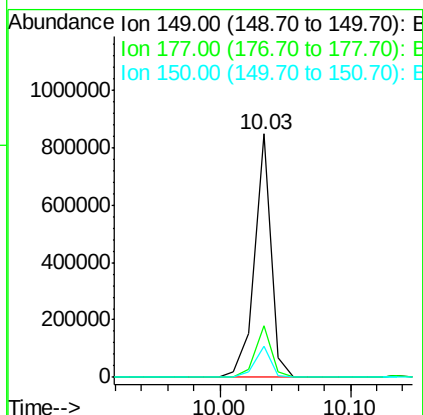
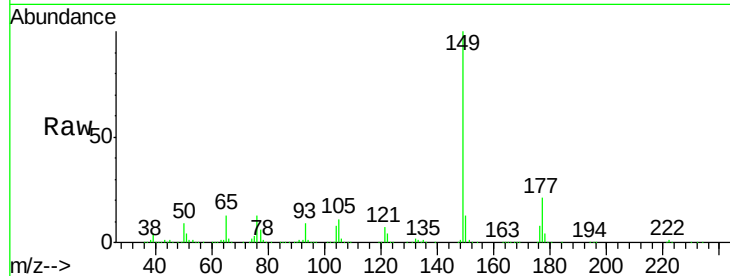




#59
Diethylphthalate
Concen: 41.40 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

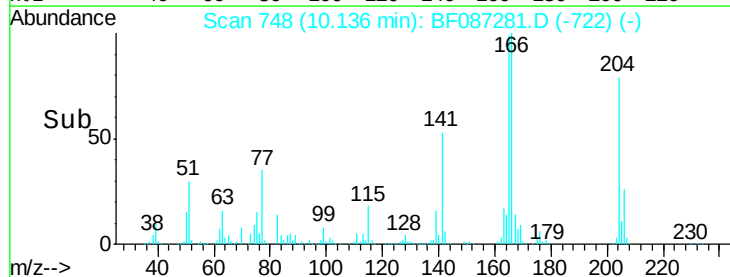
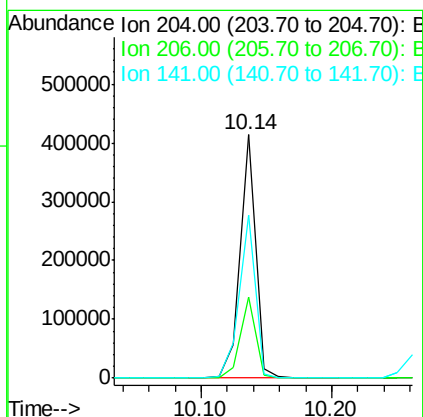
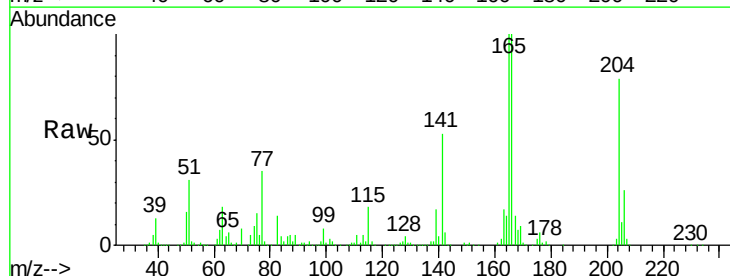
Instrument :
BNA_F
ClientSampled :
PB90743BS

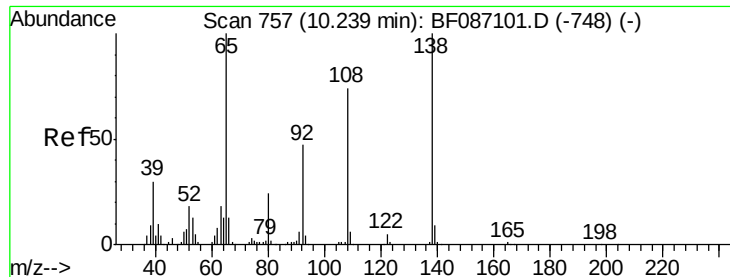
Tot Ion:149 Resp: 749478
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 45.71 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:204 Resp: 339803
Ion Ratio Lower Upper
204 100
206 33.5 25.4 38.0
141 66.9 61.6 92.4





#61

4-Nitroaniline

Concen: 32.18 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

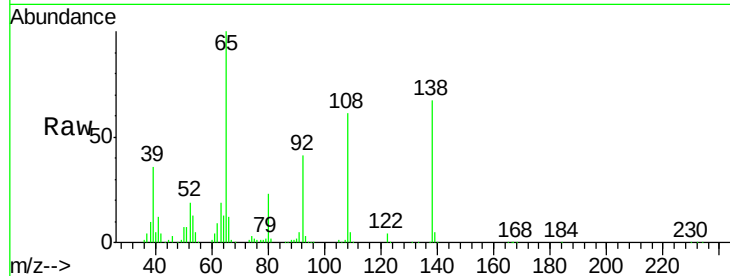
Tot Ion:138 Resp: 141605

Ion Ratio Lower Upper

138 100

92 61.2 24.7 64.7

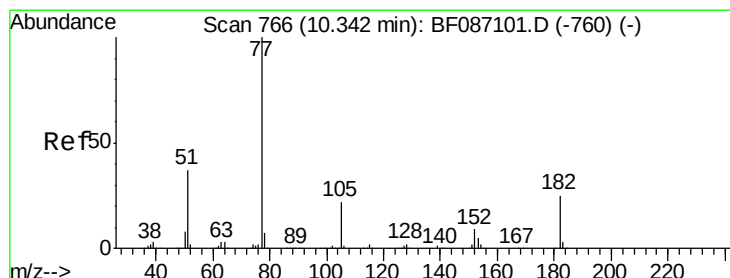
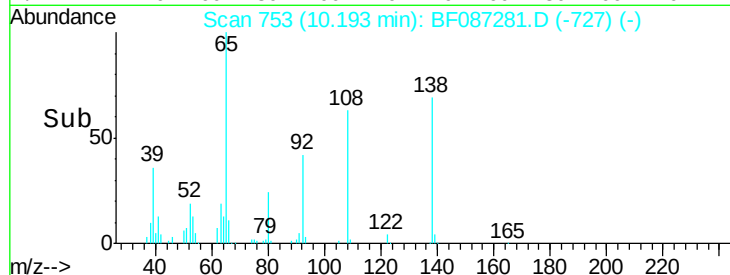
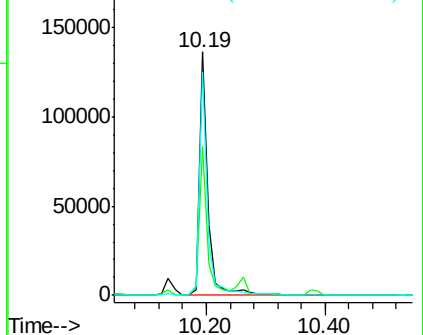
108 91.9 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.88 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Tgt Ion: 77 Resp: 977888

Ion Ratio Lower Upper

77 100

182 21.0 0.0 38.8

105 20.9 3.2 43.2

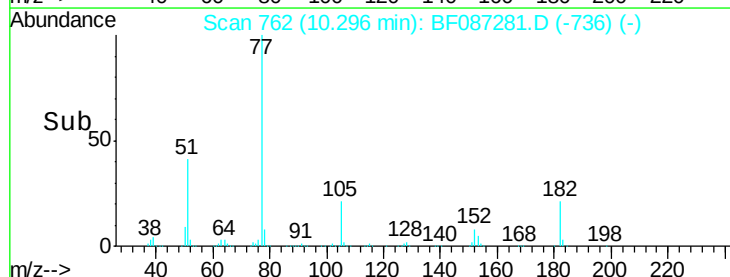
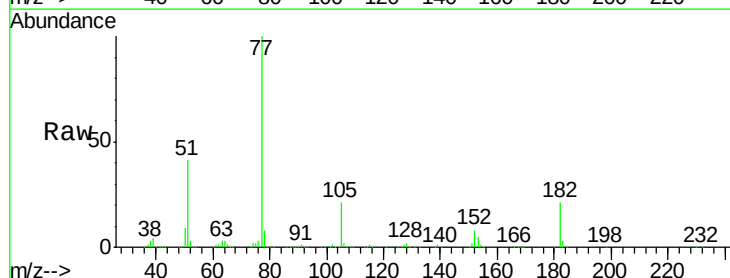
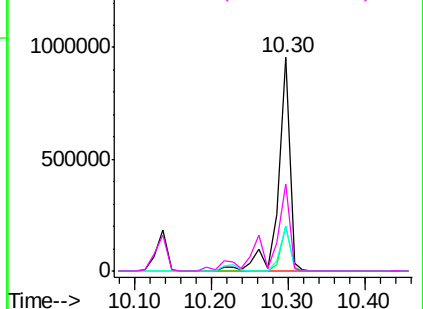
51 41.0 8.8 48.8

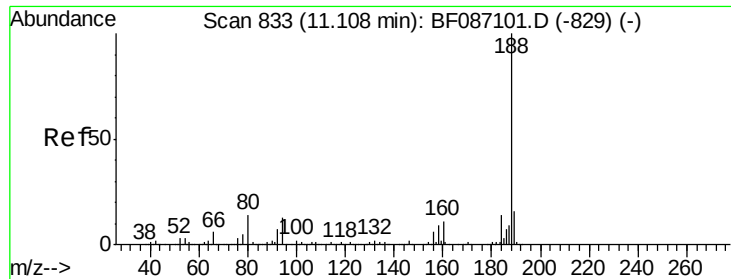
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

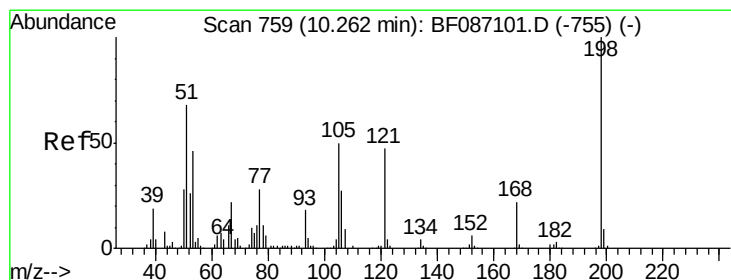
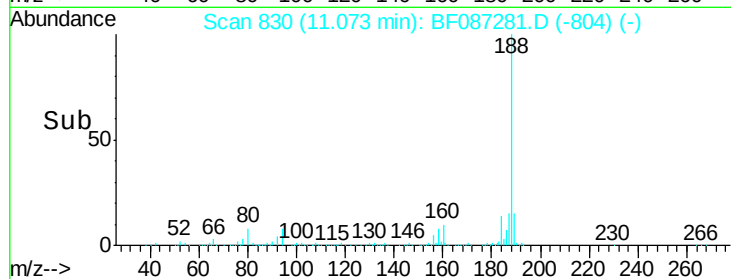
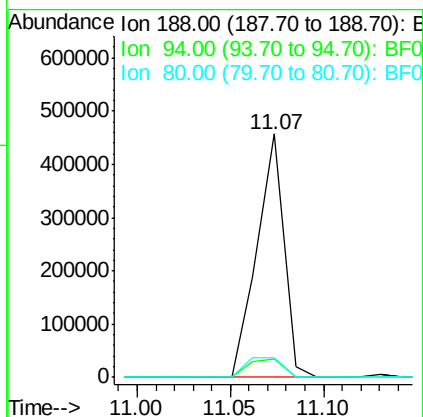
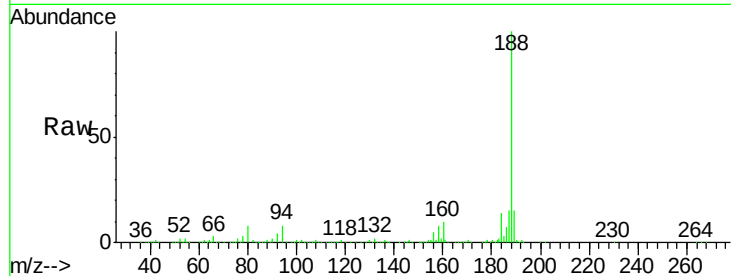




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

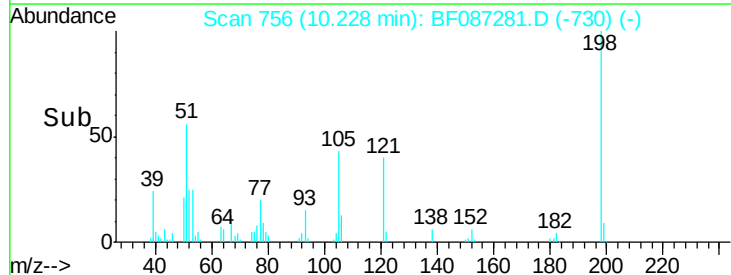
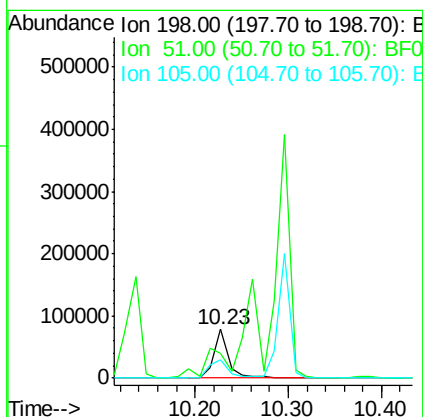
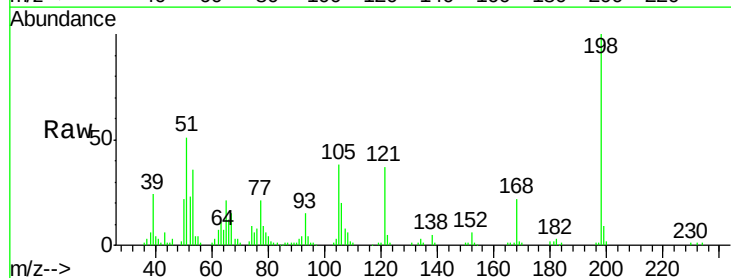
Instrument :
BNA_F
ClientSampleId :
PB90743BS

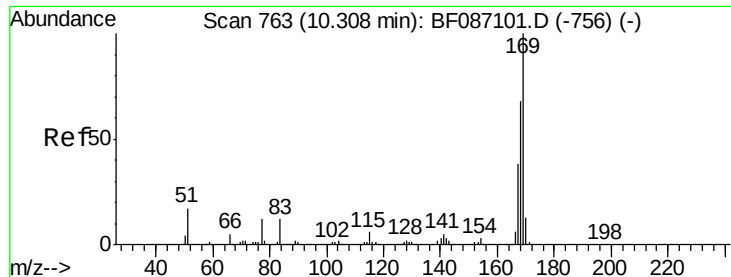
Tot Ion:188 Resp: 458905
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.8 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 28.56 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:198 Resp: 86310
Ion Ratio Lower Upper
198 100
51 51.0 20.5 60.5
105 38.4 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.69 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

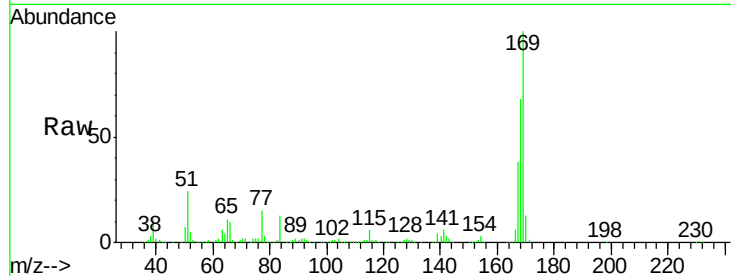
Tot Ion:169 Resp: 602061

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.6

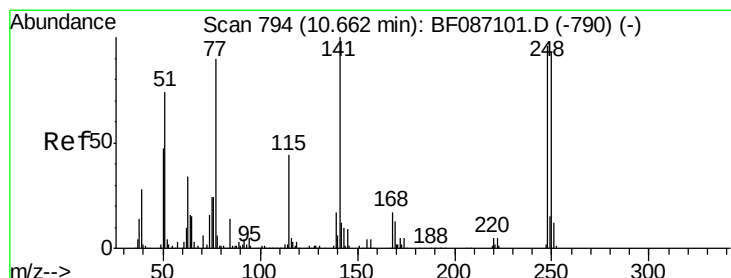
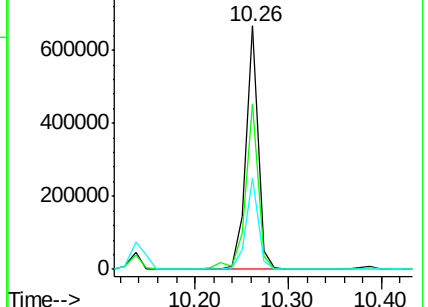
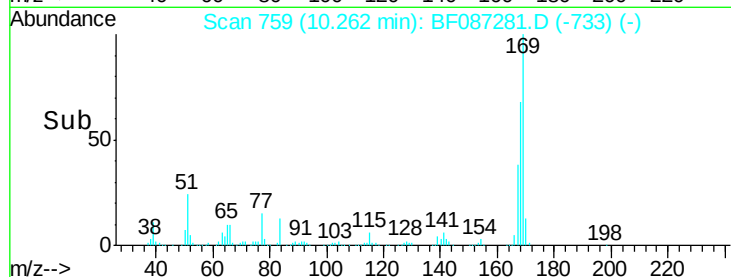
167 37.7 29.5 44.3



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: 40.29 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

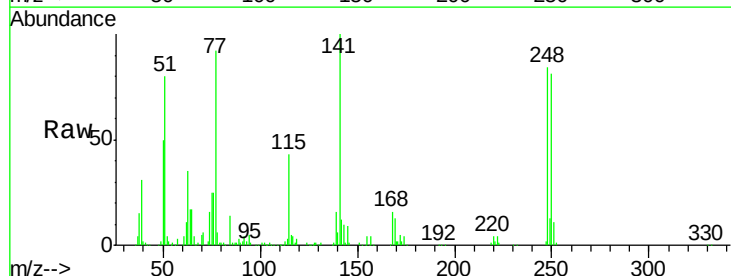
Tgt Ion:248 Resp: 190153

Ion Ratio Lower Upper

248 100

250 96.4 78.6 117.8

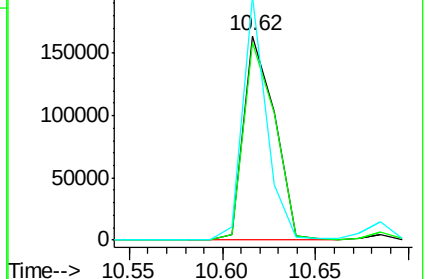
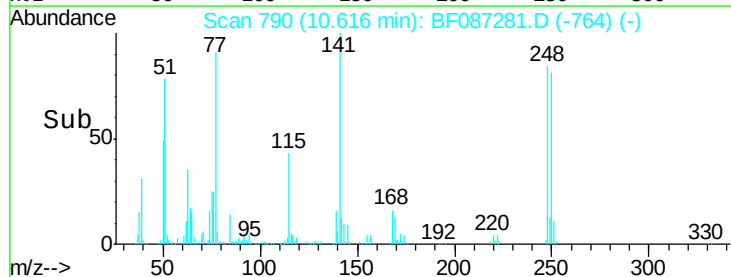
141 119.2 76.0 114.0#

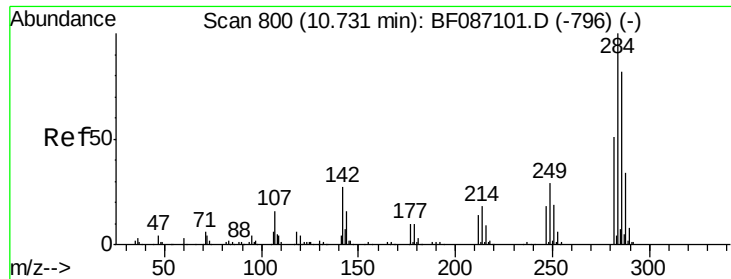


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

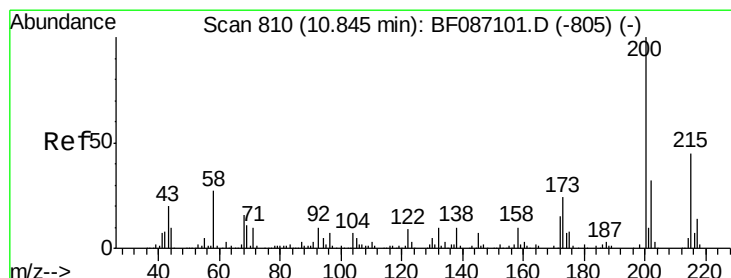
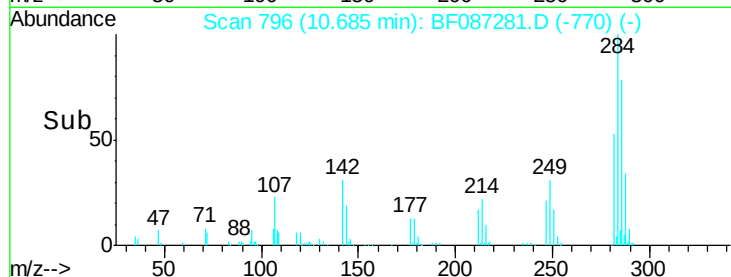
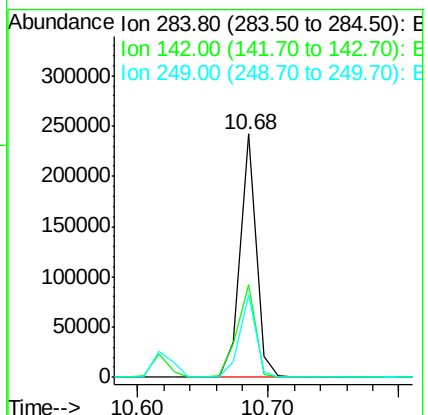
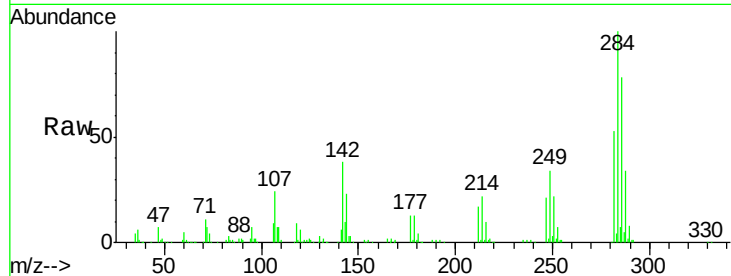




#67
Hexachlorobenzene
Concen: 37.74 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

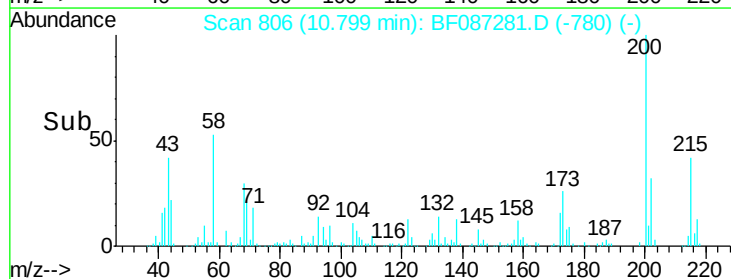
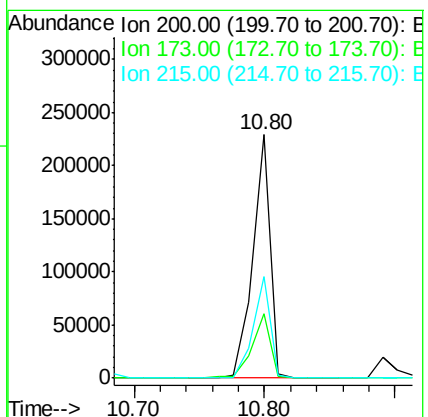
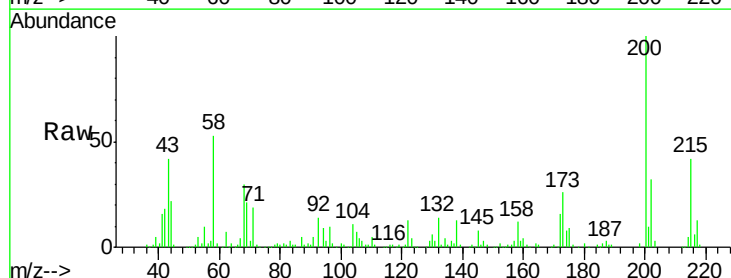
Instrument :
BNA_F
ClientSampleId :
PB90743BS

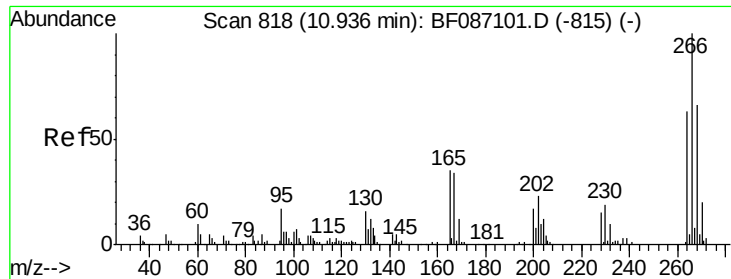
Tot Ion:284 Resp: 206488
Ion Ratio Lower Upper
284 100
142 37.8 16.7 25.1#
249 33.9 21.3 31.9#



#68
Atrazine
Concen: 44.96 ng
RT: 10.80 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:200 Resp: 211816
Ion Ratio Lower Upper
200 100
173 26.3 8.5 48.5
215 42.0 27.2 67.2

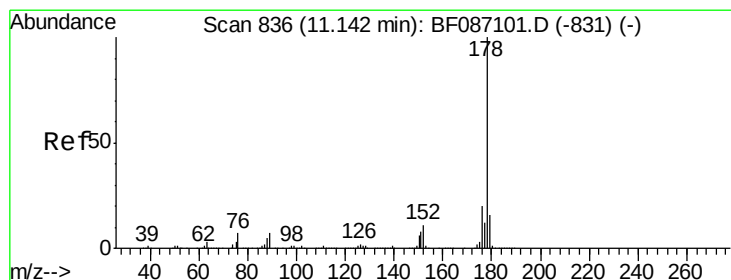
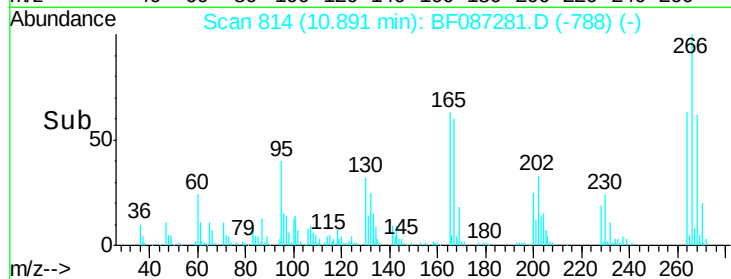
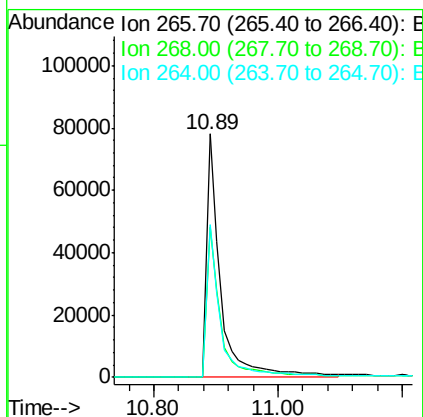
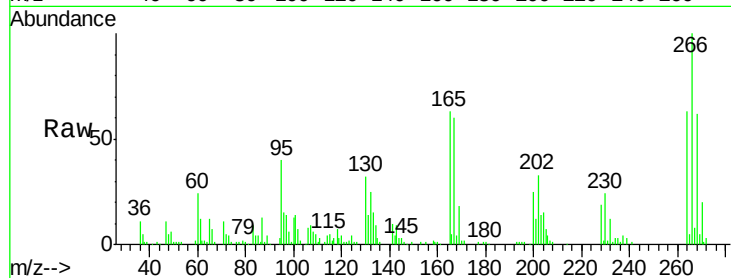




#69
 Pentachlorophenol
 Concen: 59.64 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

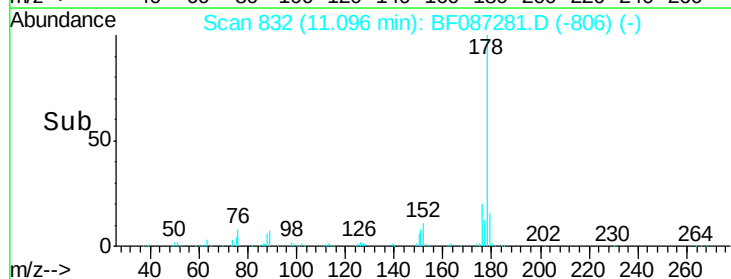
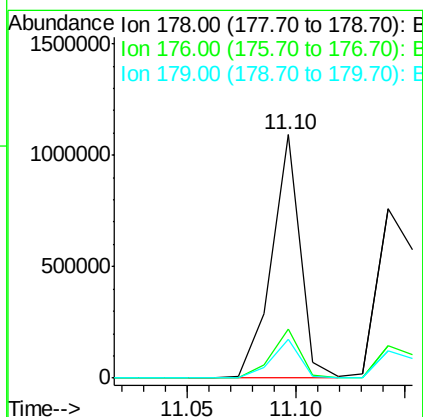
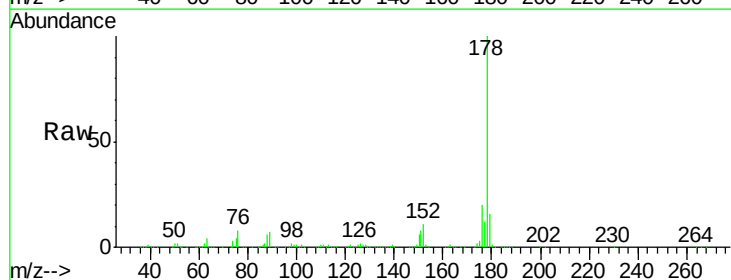
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

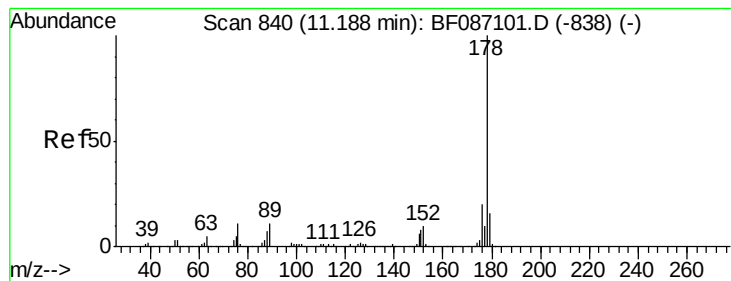
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.5	77.3
264	62.6	52.9	79.3



#70
 Phenanthrene
 Concen: 40.42 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	15.7	12.6	18.8





#71

Anthracene

Concen: 38.68 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

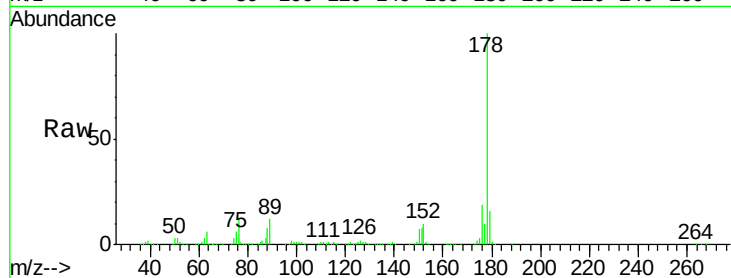
Tot Ion:178 Resp: 973819

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

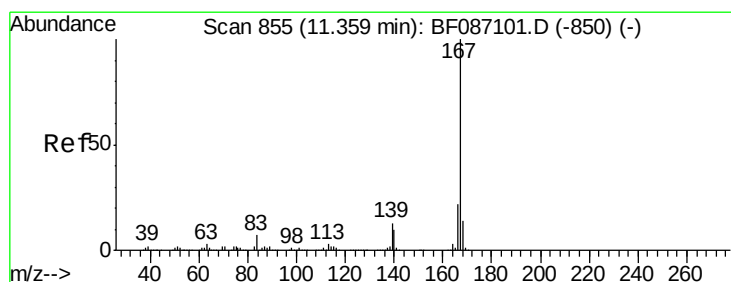
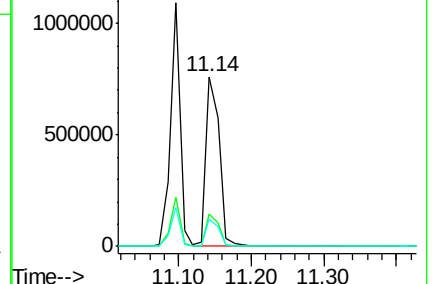
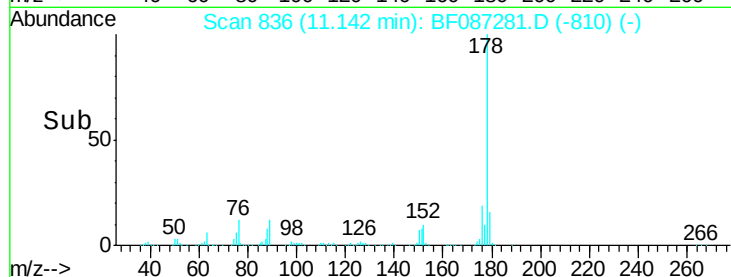
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.12 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

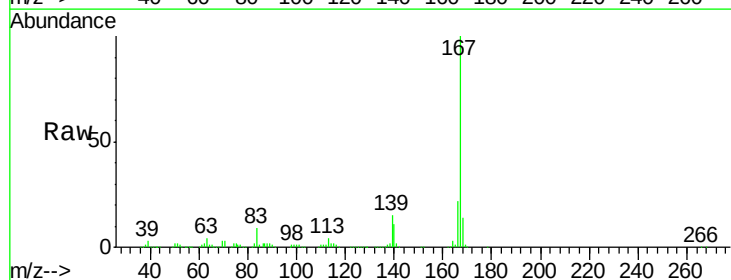
Tgt Ion:167 Resp: 899656

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

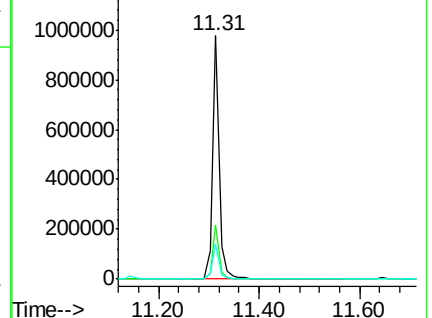
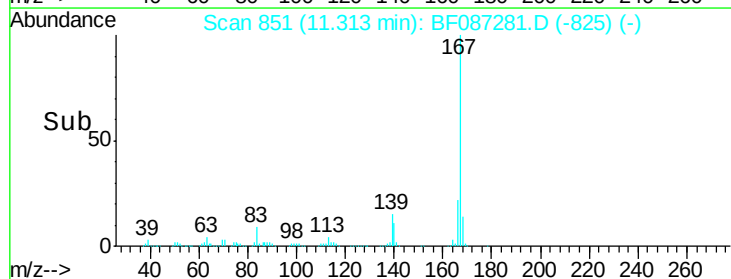
139 14.6 10.8 16.2

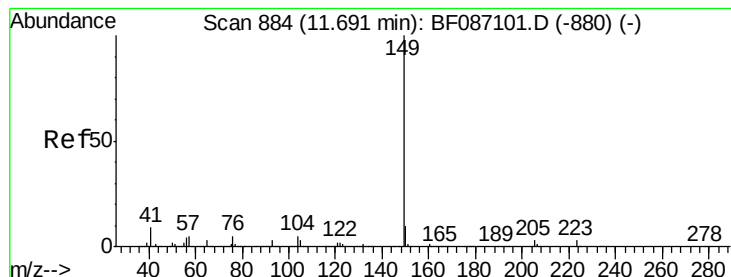


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.73 ng

RT: 11.64 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

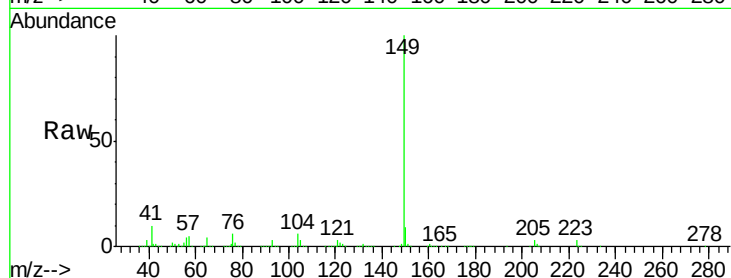
Tot Ion:149 Resp: 1181522

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

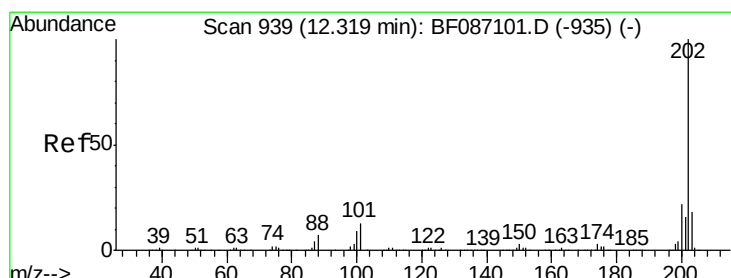
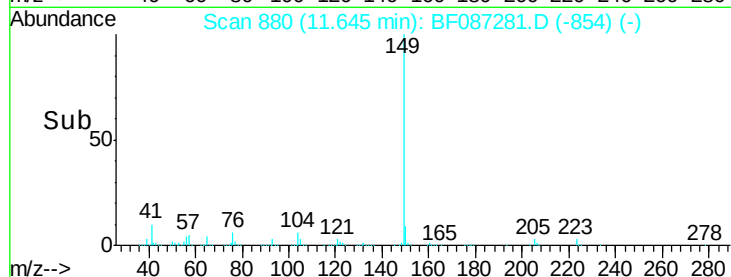
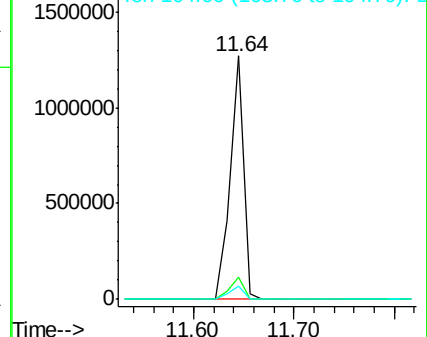
104 5.6 3.8 5.6



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: 37.69 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

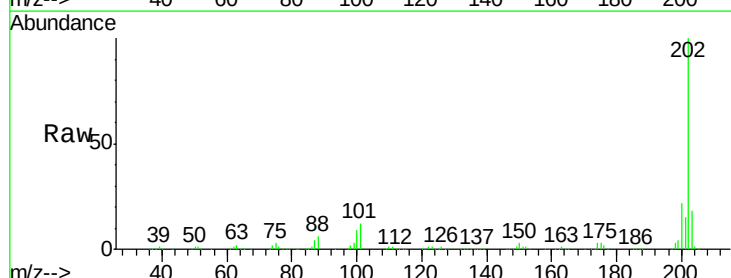
Tgt Ion:202 Resp: 939899

Ion Ratio Lower Upper

202 100

101 12.2 0.0 35.4

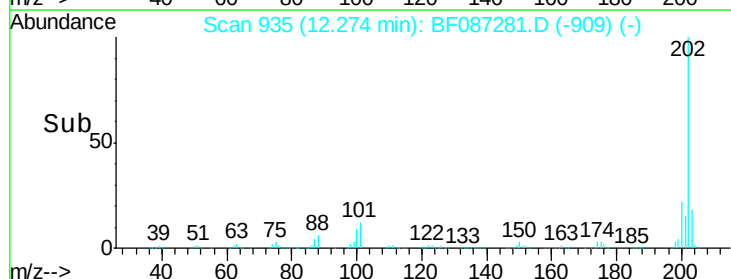
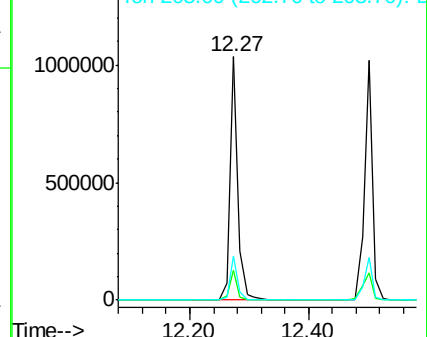
203 18.2 0.0 38.1

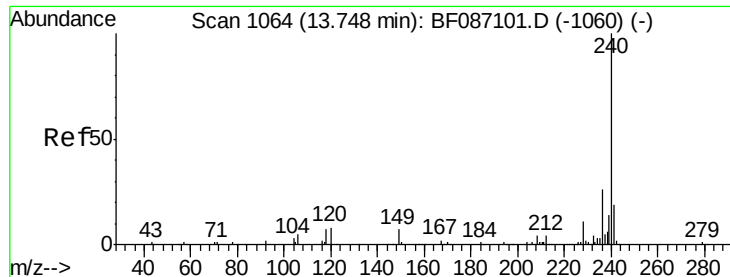


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

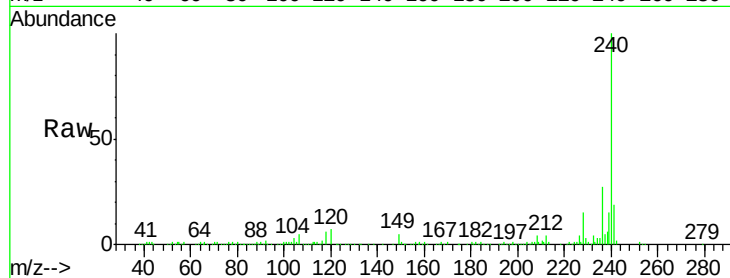
Tot Ion:240 Resp: 276296

Ion Ratio Lower Upper

240 100

120 7.1 11.2 16.8#

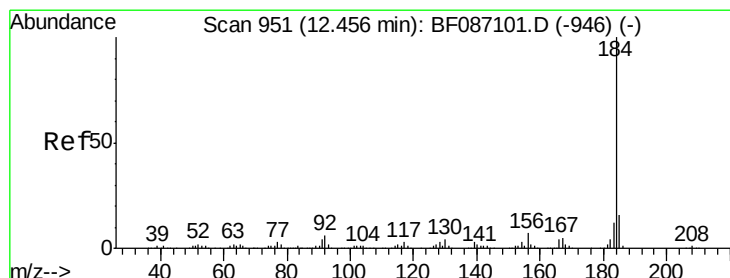
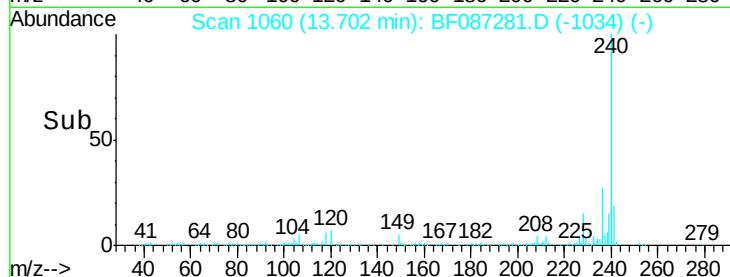
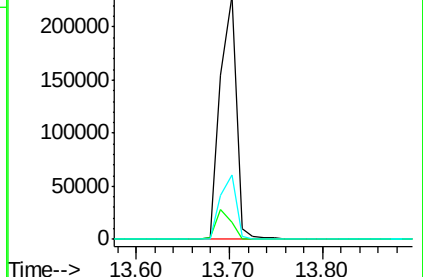
236 26.6 21.2 31.8



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: 40.01 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

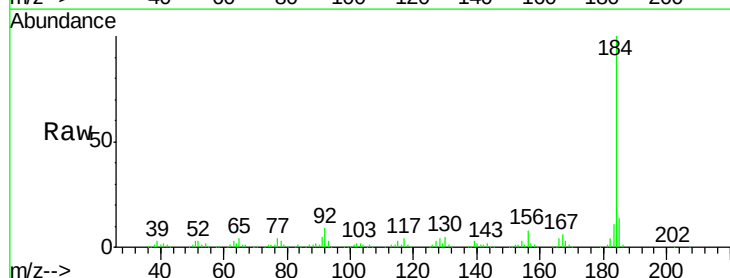
Tgt Ion:184 Resp: 311418

Ion Ratio Lower Upper

184 100

185 14.4 13.6 20.4

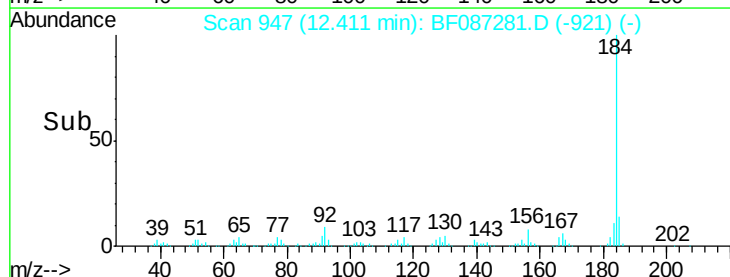
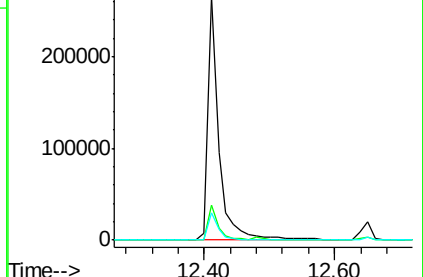
183 11.4 9.8 14.6

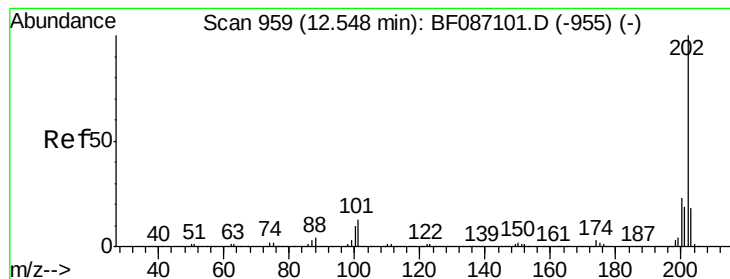


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.02 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

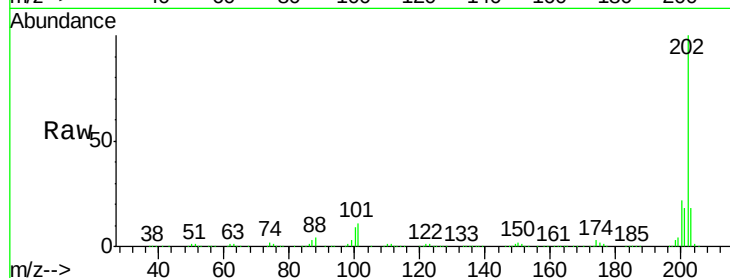
Tot Ion:202 Resp: 958538

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

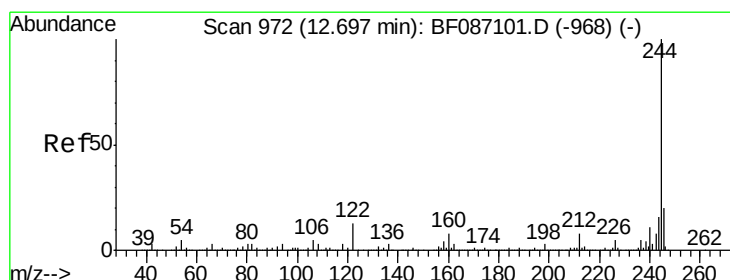
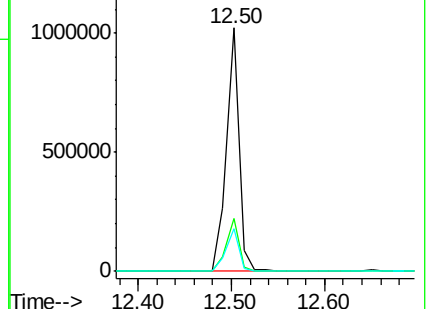
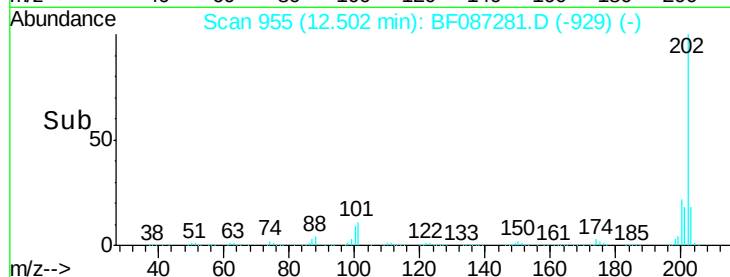
203 17.6 14.2 21.4



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: 96.80 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

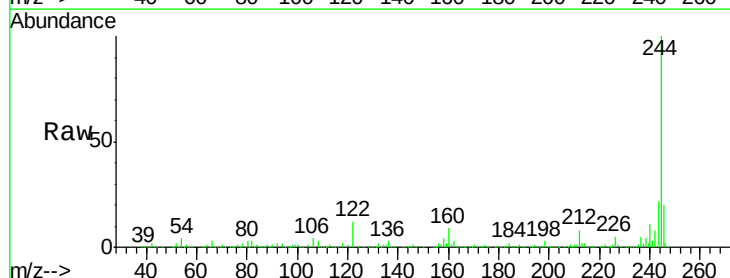
Tgt Ion:244 Resp: 1182373

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

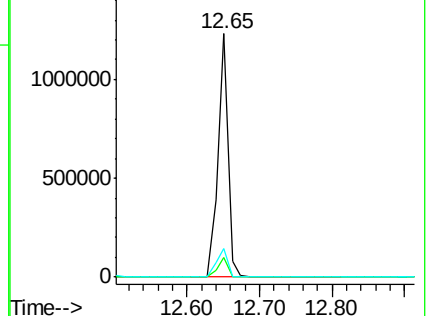
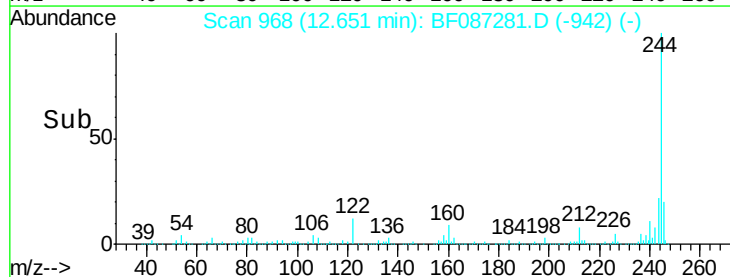
122 11.5 12.0 18.0#

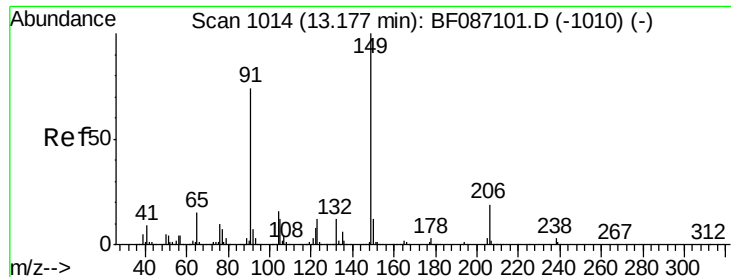


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.59 ng

RT: 13.13 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

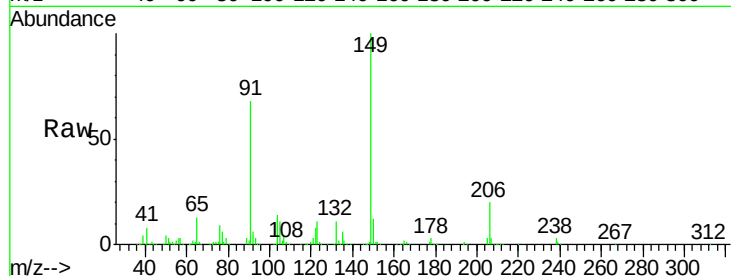
Tot Ion:149 Resp: 443152

Ion Ratio Lower Upper

149 100

91 67.7 48.0 72.0

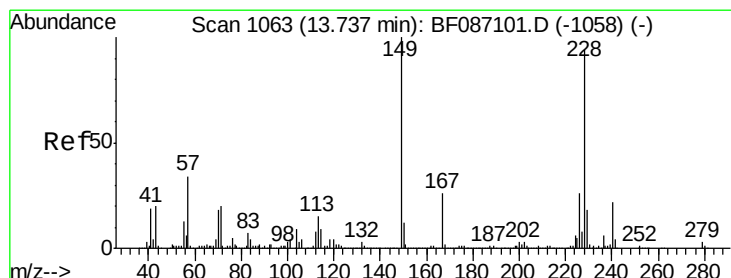
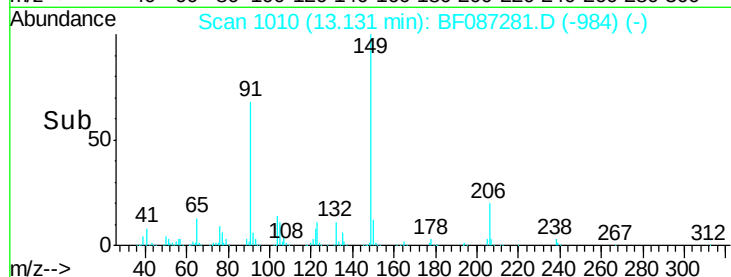
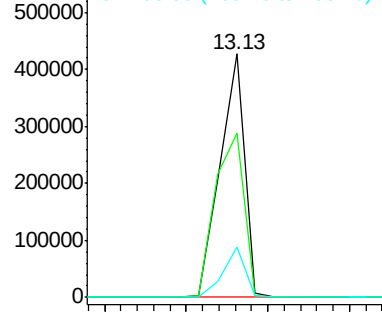
206 20.4 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.21 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

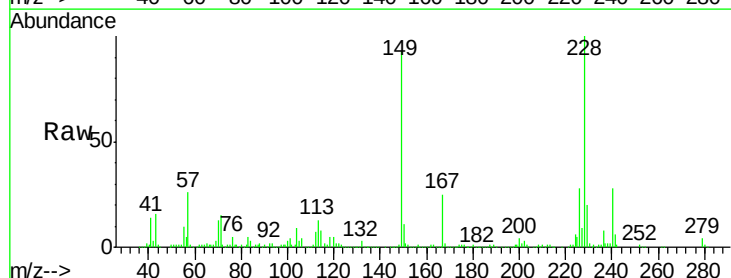
Tgt Ion:228 Resp: 658335

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

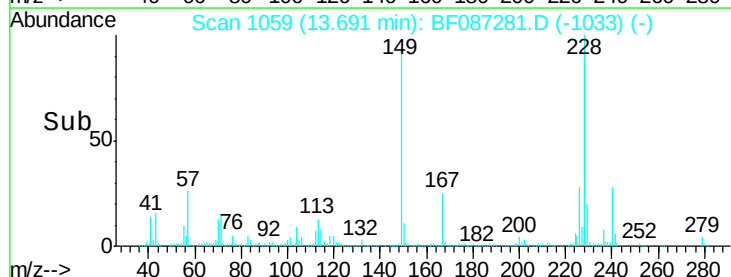
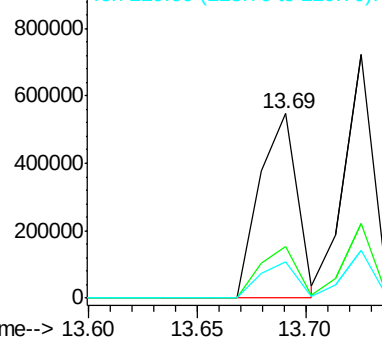
229 19.6 16.6 25.0

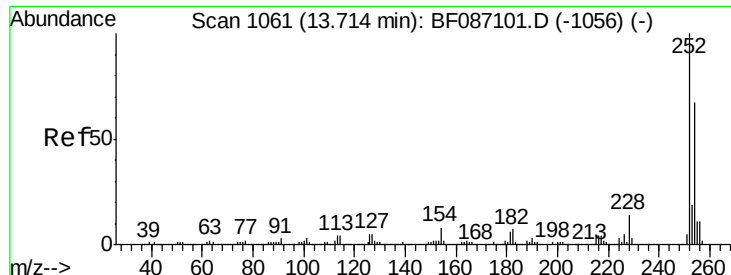


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

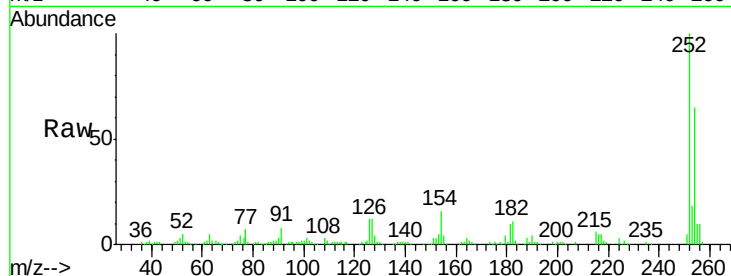




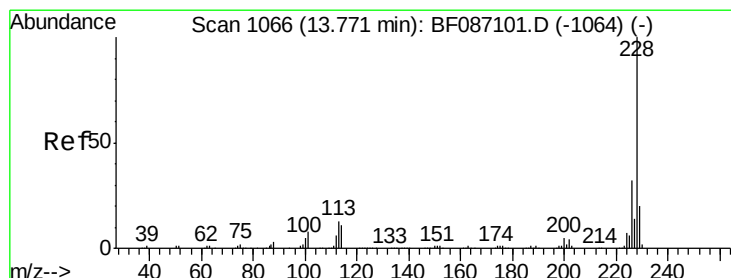
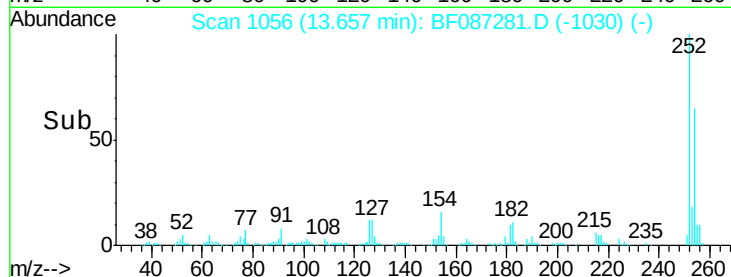
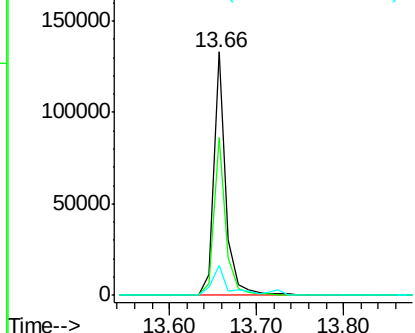
#81
 3,3'-Dichlorobenzidine
 Concen: 12.76 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.7	76.1
126	12.2	12.7	19.1#

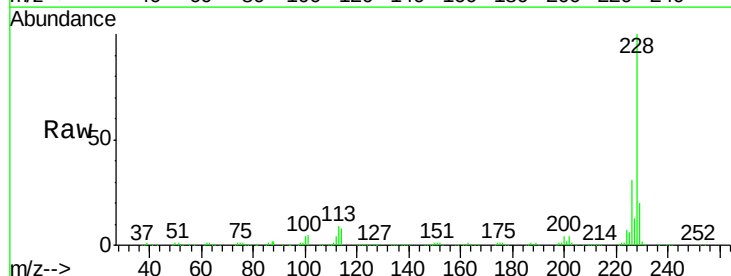


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

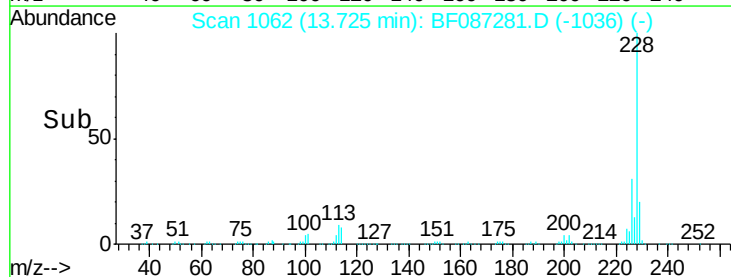
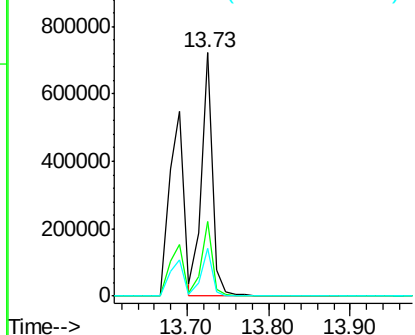


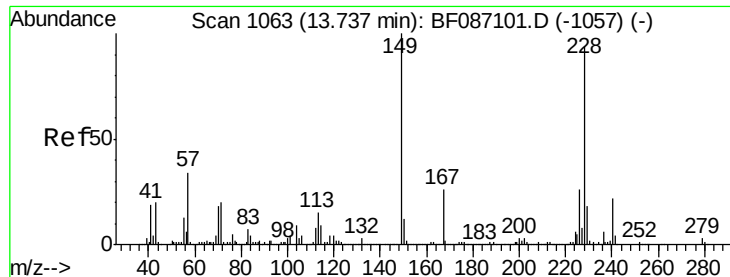
#82
 Chrysene
 Concen: 44.99 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.7	15.8	23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.03 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

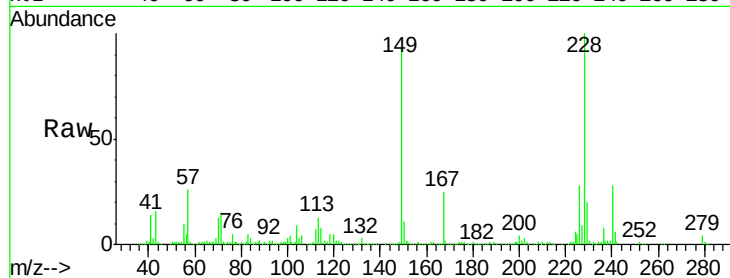
Tot Ion:149 Resp: 574551

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

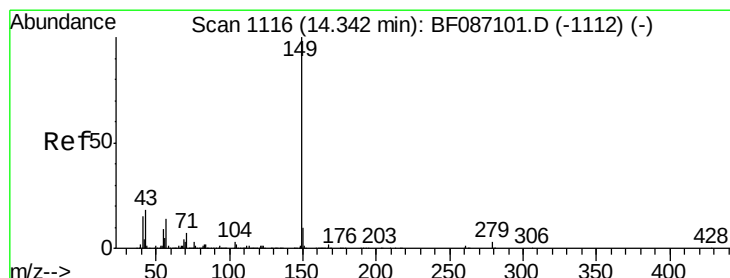
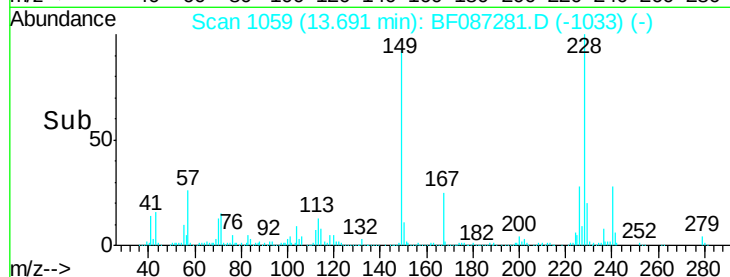
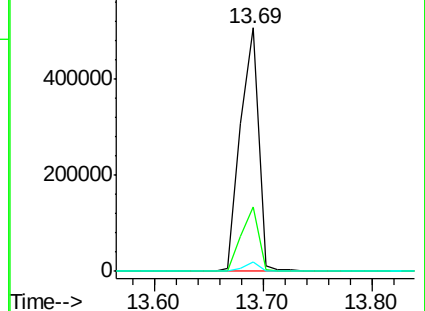
279 3.9 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.57 ng

RT: 14.30 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

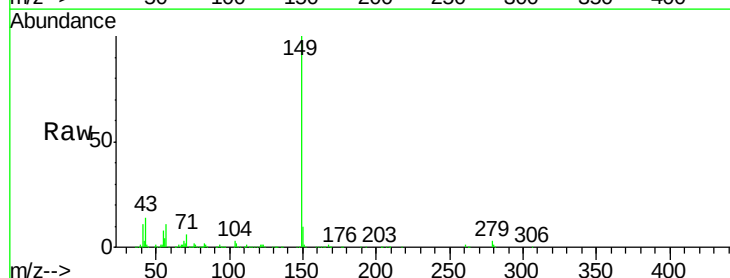
Tgt Ion:149 Resp: 893380

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

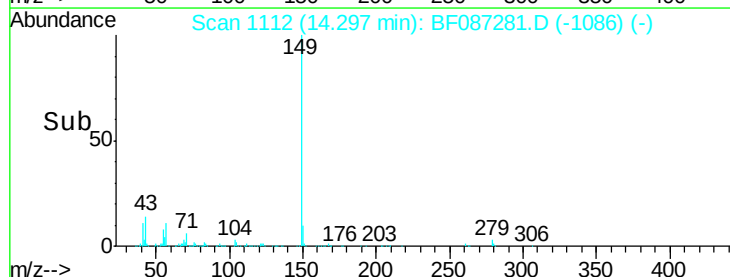
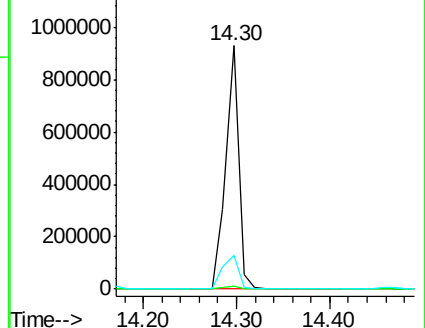
43 16.9 8.2 12.4#

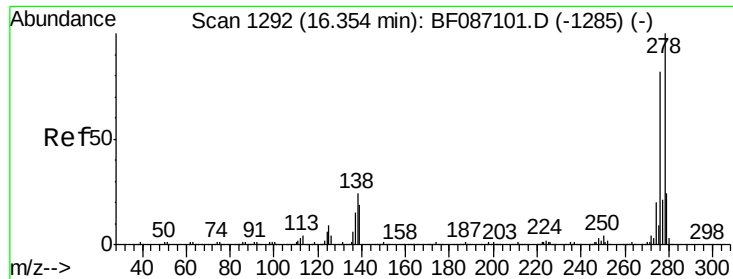


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

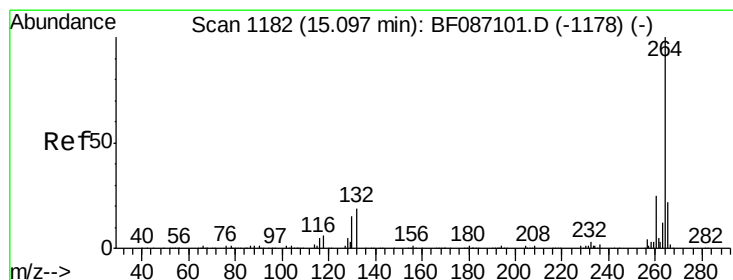
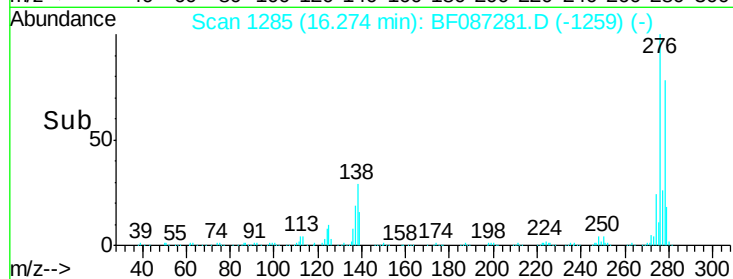
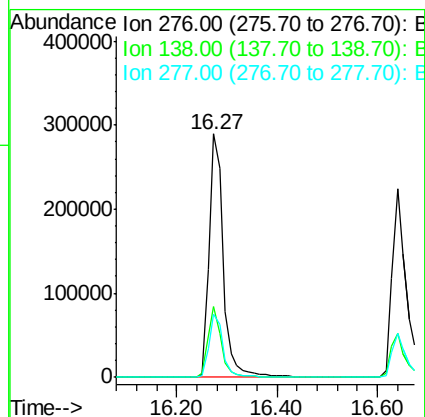
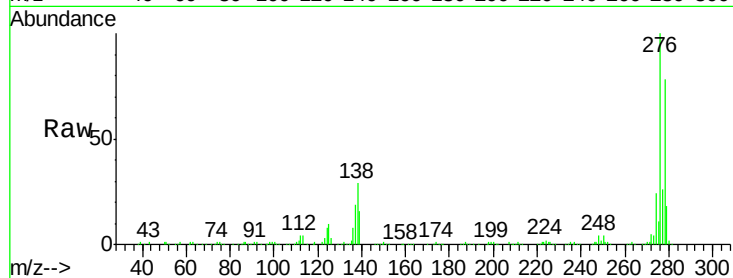




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.23 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

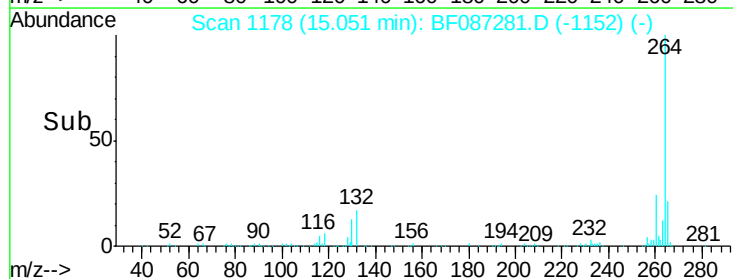
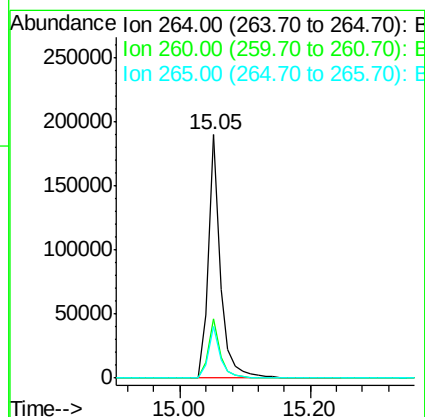
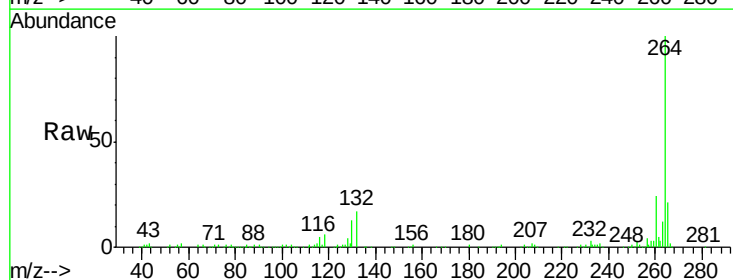
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

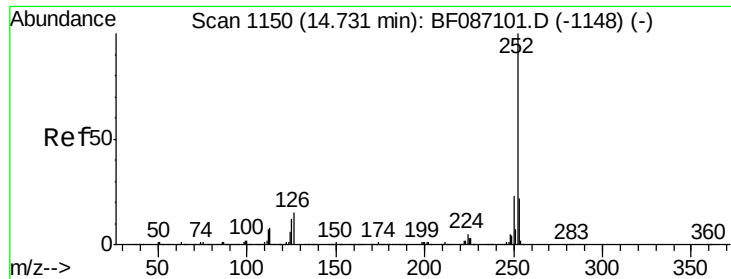
Tot Ion:	276	Resp:	572984
Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.6	38.4
277	25.6	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF087281.D
 Acq: 22 May 2016 10:31

Tgt Ion:	264	Resp:	244261
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.3	25.9

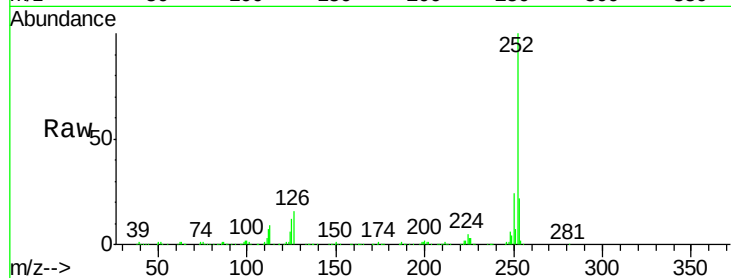




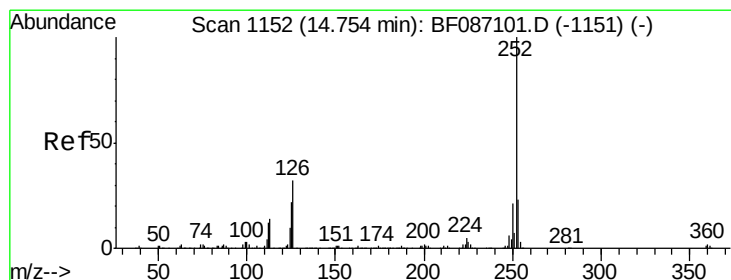
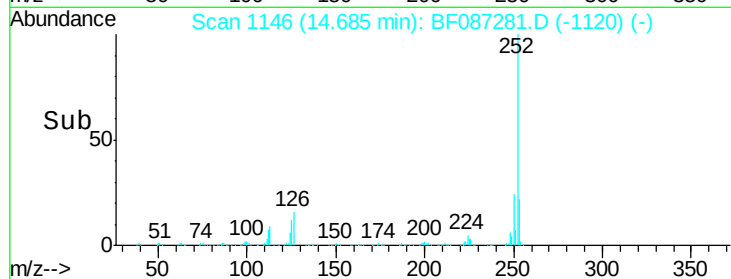
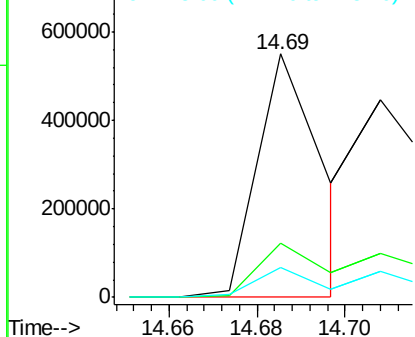
#87
Benzo(b)fluoranthene
Concen: 34.86 ng m
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tot Ion:252 Resp: 564810
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.3 11.4 17.0

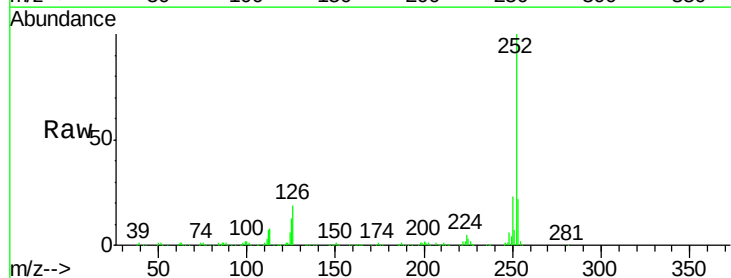


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

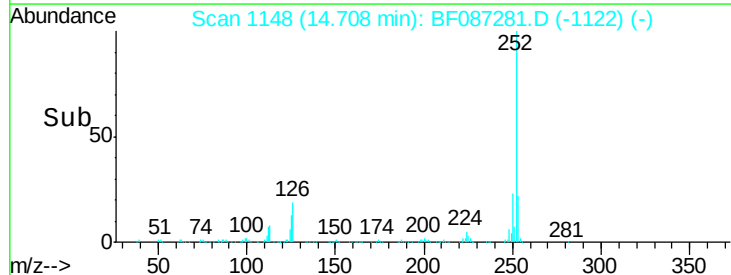
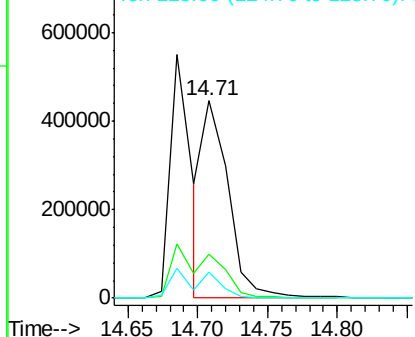


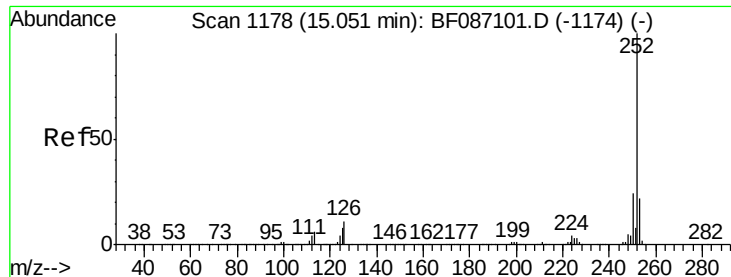
#88
Benzo(k)fluoranthene
Concen: 48.70 ng m
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:252 Resp: 587568
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 13.1 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

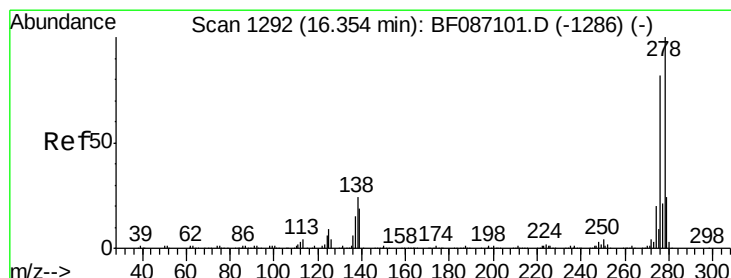
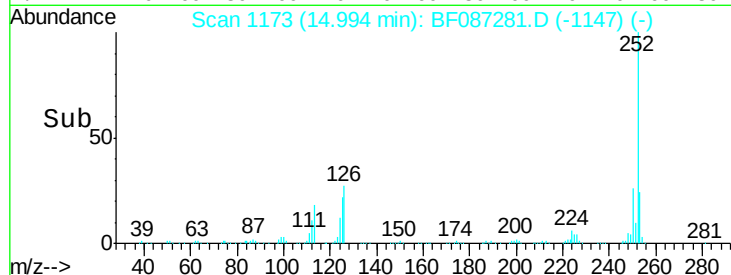
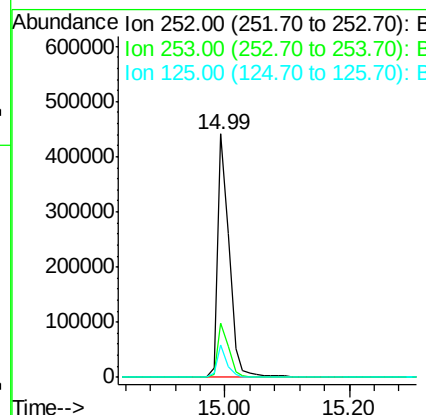
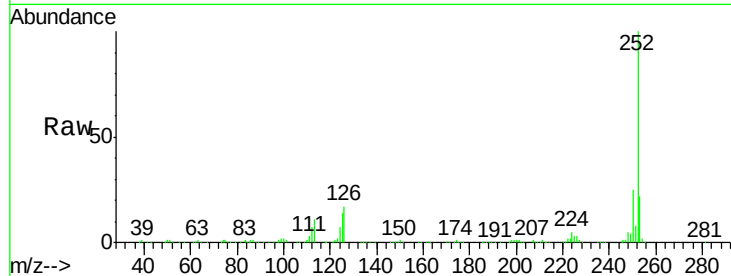




#89
Benzo(a)pyrene
Concen: 41.01 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

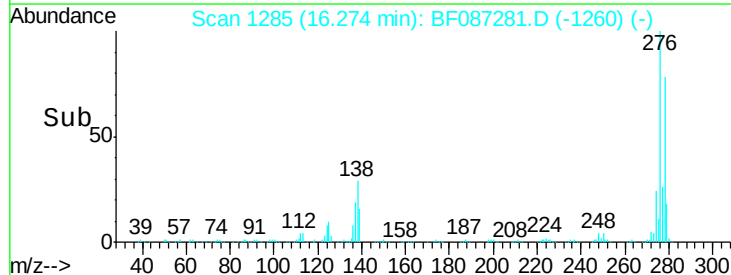
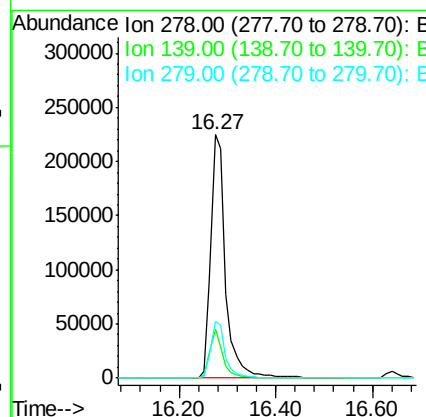
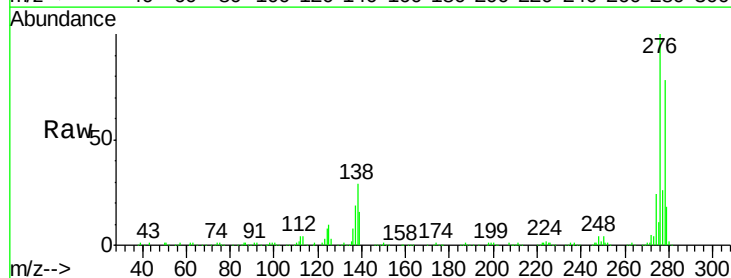
Instrument :
BNA_F
ClientSampleId :
PB90743BS

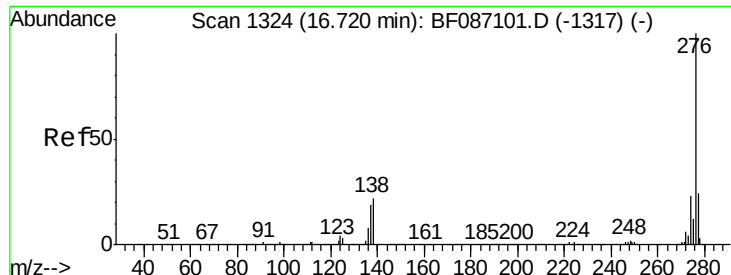
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	13.5	9.0	13.6



#90
Dibenzo(a,h)anthracene
Concen: 42.48 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.6	24.8
279	23.5	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 41.35 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF087281.D

Acq: 22 May 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB90743BS

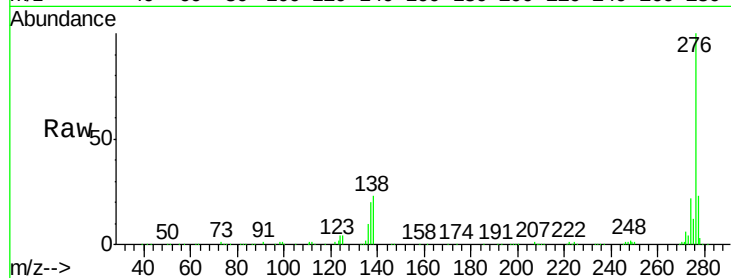
Tot Ion:276 Resp: 476304

Ion Ratio Lower Upper

276 100

277 23.2 19.6 29.4

138 23.4 23.6 35.4#



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

