

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082881.D
 Acq On : 10 Nov 2015 20:45
 Operator : UM/IZ
 Sample : PB86543BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

Quant Time: Nov 13 18:13:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	254565	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	967933	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	492825	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	964265	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	763905	20.00	ng	-0.03
86) Perylene-d12	15.40	264	654731	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1636177	100.00	ng	-0.02
7) Phenol-d6	6.46	99	2199865	101.14	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1403766	63.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	516225	91.36	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2120087	61.66	ng	-0.03
78) Terphenyl-d14	12.93	244	2361019	73.31	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	214644	30.41	ng	98
3) Pyridine	3.16	79	667367	32.58	ng	94
4) n-Nitrosodimethylamine	3.10	42	281919	27.75	ng	# 72
6) Aniline	6.48	93	522269	17.10	ng	# 1
8) 2-Chlorophenol	6.60	128	548209	30.23	ng	85
9) Benzaldehyde	6.35	77	50920	4.24	ng	97
10) Phenol	6.48	94	871736	35.32	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	629691	34.12	ng	87
12) 1,3-Dichlorobenzene	6.76	146	617829m	30.20	ng	
13) 1,4-Dichlorobenzene	6.83	146	585183	27.50	ng	98
14) 1,2-Dichlorobenzene	6.99	146	621938	32.13	ng	98
15) Benzyl Alcohol	6.97	79	578367	30.28	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.10	45	928129	34.28	ng	97
17) 2-Methylphenol	7.08	107	492166	32.04	ng	97
18) Hexachloroethane	7.33	117	234771	30.84	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	483944	30.27	ng	# 84
20) 3+4-Methylphenols	7.24	107	625676	31.33	ng	# 61
22) Acetophenone	7.23	105	823855	29.71	ng	# 95
24) Nitrobenzene	7.40	77	729376	32.06	ng	95
25) Isophorone	7.64	82	1273187	30.93	ng	# 98
26) 2-Nitrophenol	7.72	139	330096	34.76	ng	# 62
27) 2,4-Dimethylphenol	7.77	122	575069	33.71	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	782882	33.72	ng	98
29) 2,4-Dichlorophenol	7.96	162	500372	32.45	ng	88
30) 1,2,4-Trichlorobenzene	8.05	180	540395	31.16	ng	94
31) Naphthalene	8.12	128	1586732	29.71	ng	99
32) Benzoic acid	7.89	122	356228	30.50	ng	87
33) 4-Chloroaniline	8.17	127	209627	9.11	ng	94
34) Hexachlorobutadiene	8.25	225	308454	28.42	ng	99
35) Caprolactam	8.54	113	170630m	35.10	ng	
36) 4-Chloro-3-methylphenol	8.67	107	607486	33.50	ng	# 84
37) 2-Methylnaphthalene	8.82	142	1079912	31.26	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	536548	33.13	ng	98
40) Hexachlorocyclopentadiene	8.98	237	517956	59.53	ng	100

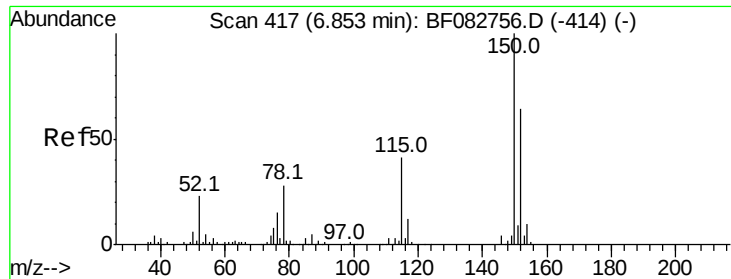
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082881.D
 Acq On : 10 Nov 2015 20:45
 Operator : UM/IZ
 Sample : PB86543BS
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Instrument :
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Quant Time: Nov 13 18:13:46 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	395707	32.73	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	382433	31.99	nq	# 80
45) 1,1'-Biphenyl	9.29	154	1408953	33.32	nq	97
46) 2-Chloronaphthalene	9.31	162	1102727	33.43	nq	98
47) 2-Nitroaniline	9.40	65	411132	33.60	nq	# 75
48) Acenaphthylene	9.72	152	1636505	31.66	nq	99
49) Dimethylphthalate	9.60	163	1291148	31.98	nq	# 96
50) 2,6-Dinitrotoluene	9.64	165	258675	30.02	nq	92
51) Acenaphthene	9.89	154	1078711	32.92	nq	100
52) 3-Nitroaniline	9.81	138	166350	17.56	nq	# 62
53) 2,4-Dinitrophenol	9.92	184	254186	53.74	nq	# 24
54) Dibenzofuran	10.06	168	1360887	30.81	nq	94
55) 4-Nitrophenol	9.98	139	447010	61.50	nq	83
56) 2,4-Dinitrotoluene	10.05	165	435942	37.29	nq	# 71
57) Fluorene	10.41	166	1079308	30.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	339646	34.81	nq	# 83
59) Diethylphthalate	10.29	149	1341460	34.03	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	555901	31.06	nq	91
61) 4-Nitroaniline	10.43	138	309399	32.47	nq	# 69
62) Azobenzene	10.56	77	1483546	35.03	nq	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	189085	27.52	nq	# 52
65) n-Nitrosodiphenylamine	10.52	169	1015293	29.15	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	335547	28.90	nq	# 72
67) Hexachlorobenzene	10.96	284	359423	27.72	nq	# 85
68) Atrazine	11.06	200	381913	35.45	nq	91
69) Pentachlorophenol	11.15	266	418278	53.13	nq	98
70) Phenanthrene	11.37	178	1665180	29.74	nq	99
71) Anthracene	11.42	178	1764931	29.92	nq	97
72) Carbazole	11.57	167	1626975	31.51	nq	99
73) Di-n-butylphthalate	11.92	149	2138594	33.24	nq	# 98
74) Fluoranthene	12.56	202	1906576	31.73	nq	98
76) Benzidine	12.67	184	839803	32.80	nq	99
77) Pyrene	12.78	202	1926464	36.72	nq	99
79) Butylbenzylphthalate	13.41	149	982556	42.40	nq	# 80
80) Benzo(a)anthracene	13.97	228	1564587	32.75	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	325234	19.15	nq	# 98
82) Chrysene	14.01	228	1468855	33.57	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	1162416	36.64	nq	99
84) Di-n-octyl phthalate	14.59	149	2135766	40.36	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	1295699	34.39	nq	# 95
87) Benzo(b)fluoranthene	15.00	252	1484645m	35.33	nq	
88) Benzo(k)fluoranthene	15.03	252	1098312m	29.46	nq	
89) Benzo(a)pyrene	15.35	252	1233986	33.89	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	1089380	35.33	nq	98
91) Benzo(g,h,i)perylene	17.20	276	1069527	36.22	nq	98

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

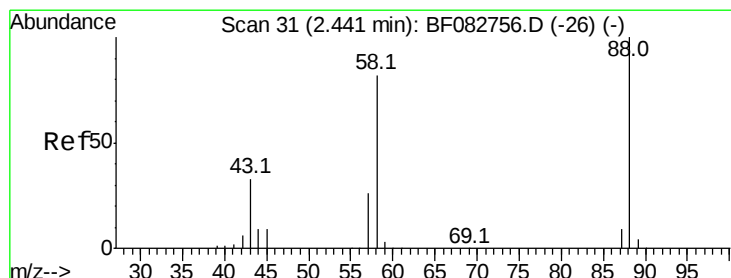
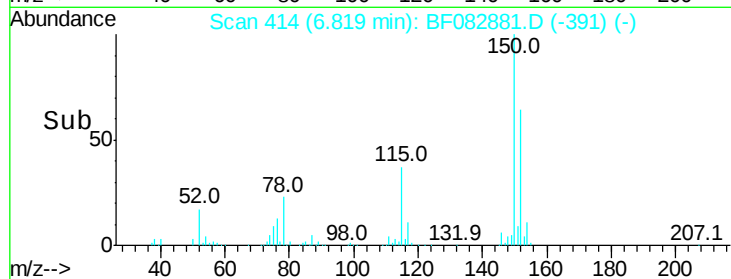
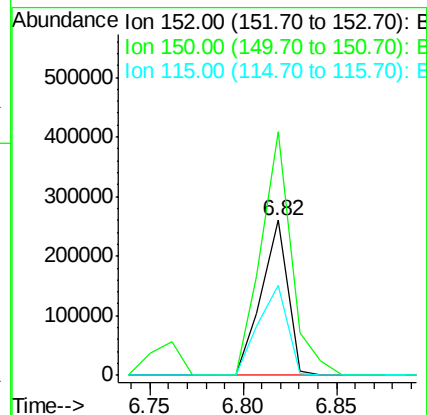
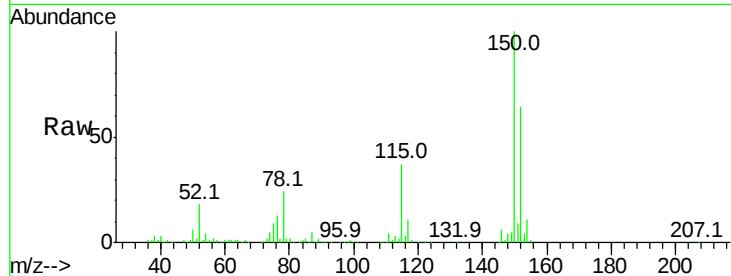


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

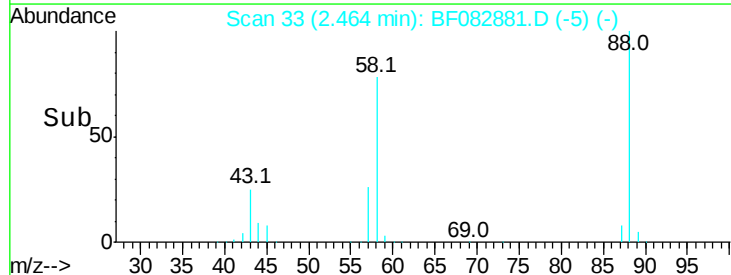
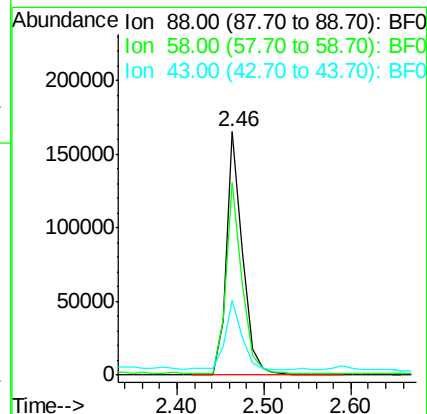
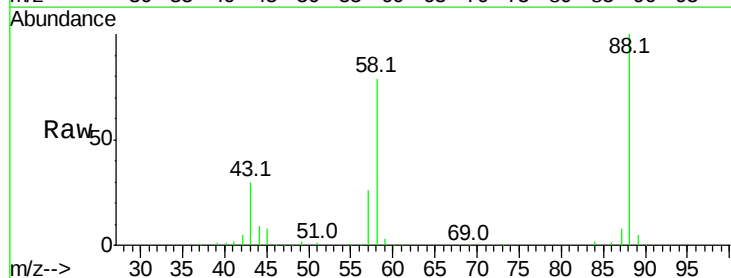
Tot Ion:152 Resp: 254565
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.4
115 57.9 47.0 70.6

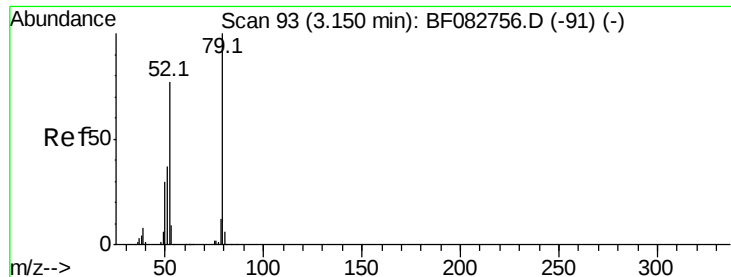


#2

1,4-Dioxane
Concen: 30.41 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion: 88 Resp: 214644
Ion Ratio Lower Upper
88 100
58 78.3 62.0 93.0
43 30.4 26.6 40.0





#3

Pvridine

Concen: 32.58 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.00 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

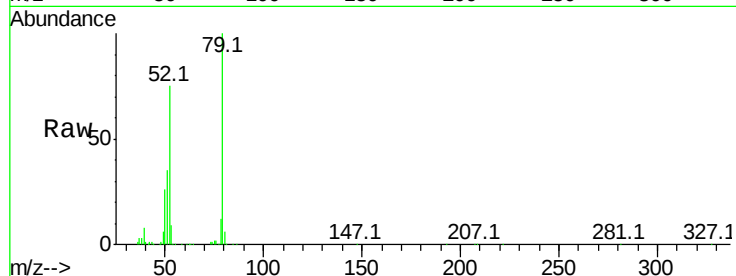
Tot Ion: 79 Resp: 667367

Ion Ratio Lower Upper

79 100

52 74.9 62.8 94.2

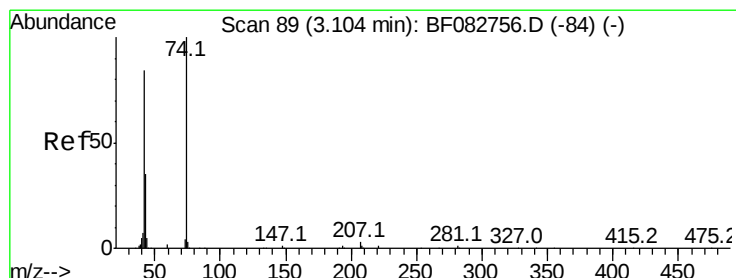
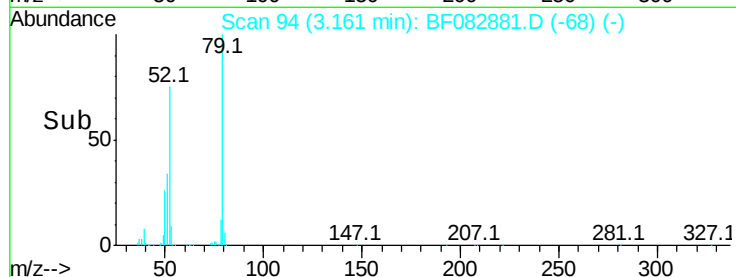
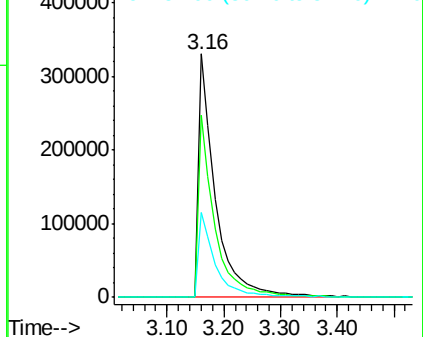
51 34.7 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 27.75 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

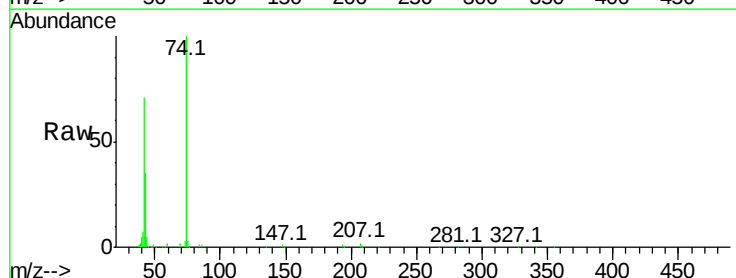
Tgt Ion: 42 Resp: 281919

Ion Ratio Lower Upper

42 100

74 140.2 87.0 130.4#

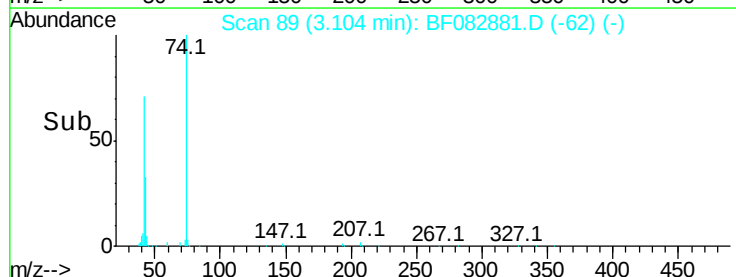
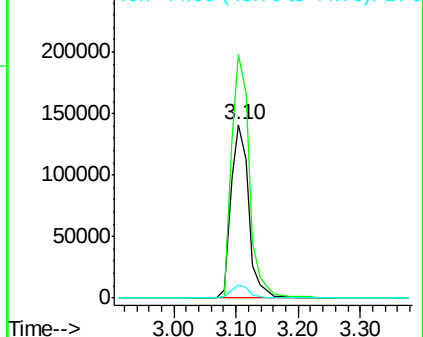
44 7.5 5.8 8.8

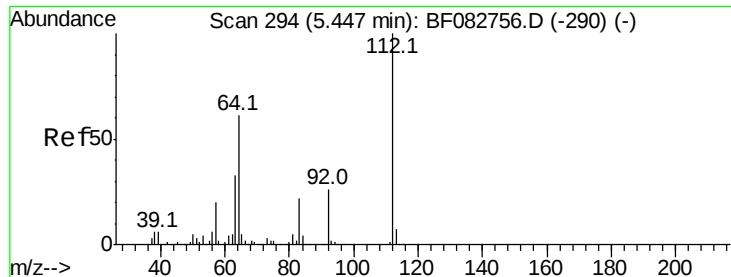


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 100.00 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

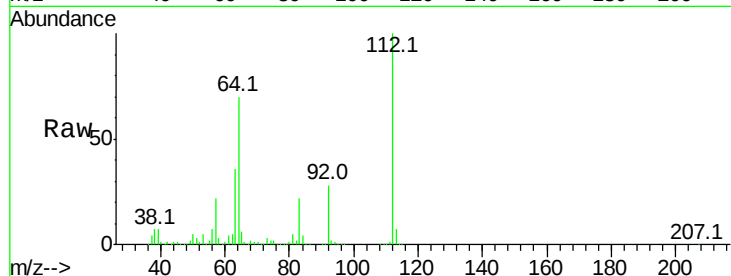
Tot Ion:112 Resp: 1636177

Ion Ratio Lower Upper

112 100

64 70.0 48.9 73.3

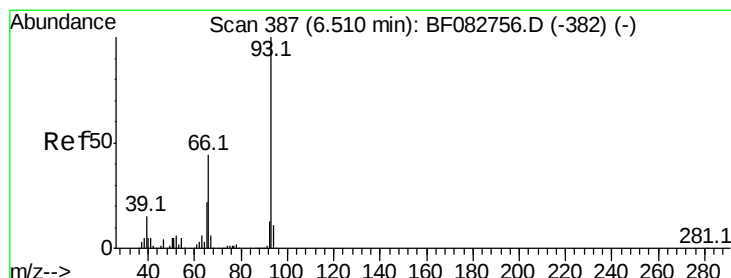
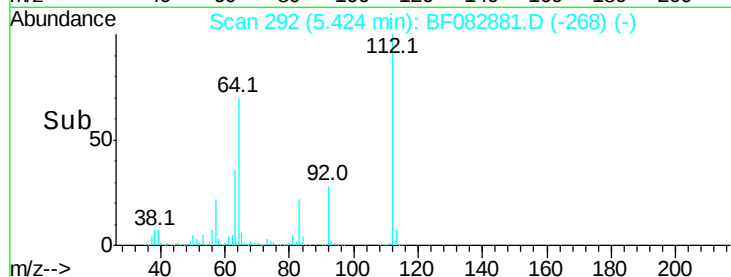
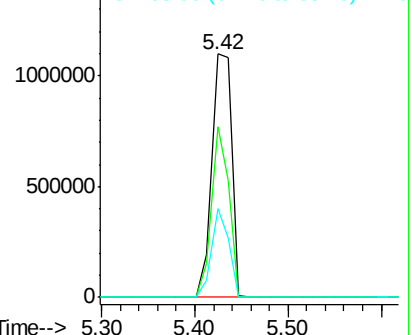
63 36.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

1500000 Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.10 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

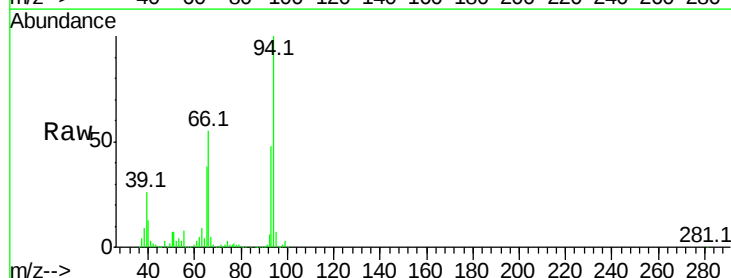
Tgt Ion: 93 Resp: 522269

Ion Ratio Lower Upper

93 100

66 112.8 33.6 50.4#

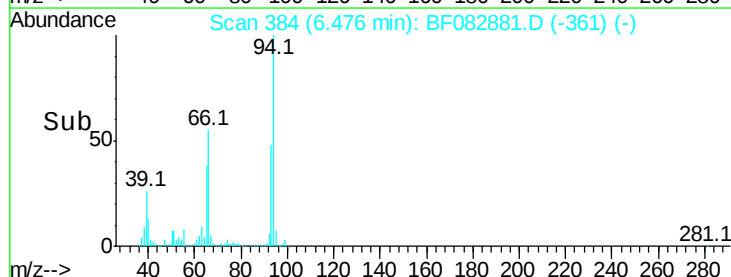
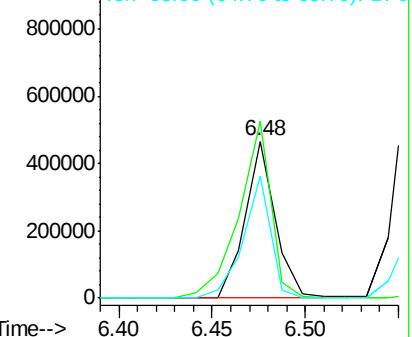
65 77.9 18.1 27.1#

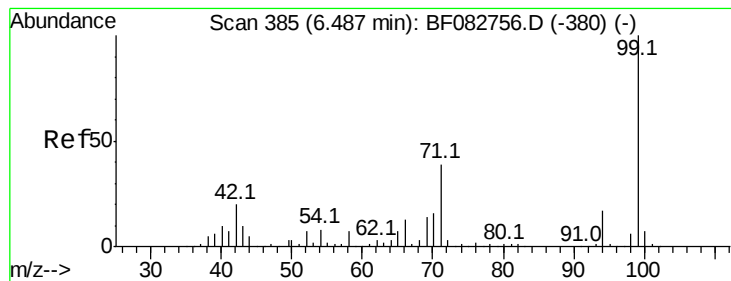


Abundance Ion 93.00 (92.70 to 93.70): BF0

1000000 Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.14 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

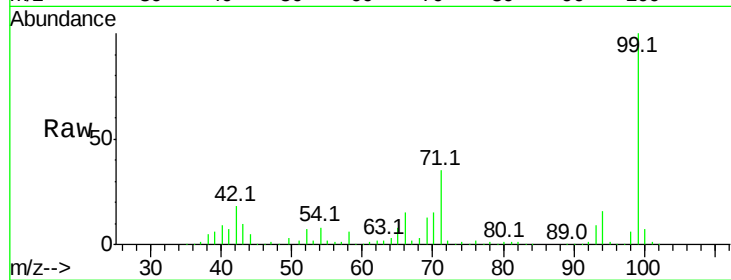
BNA_F

ClientSampleId :

PB86543BS

Tot Ion: 99 Resp: 2199865

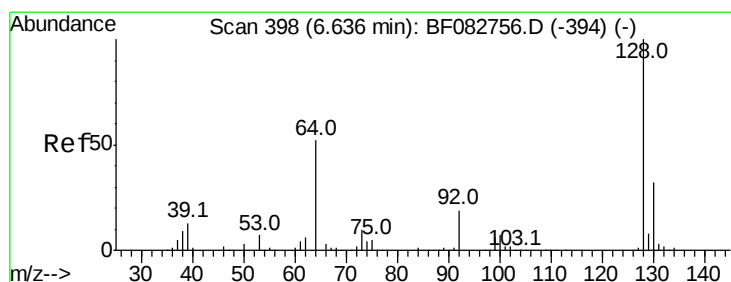
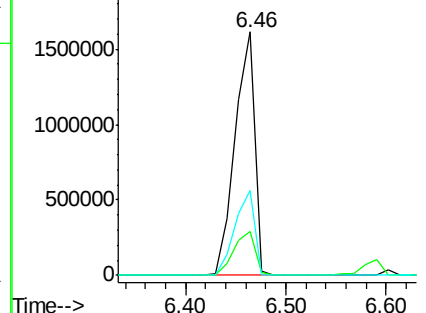
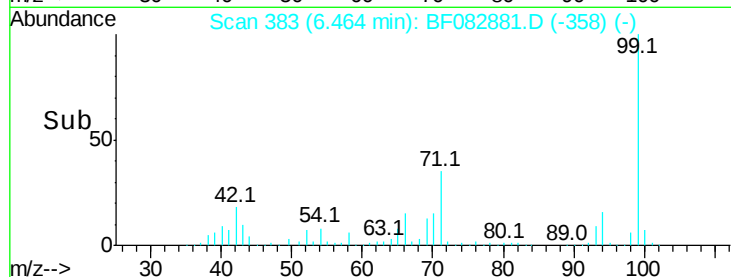
Ion	Ratio	Lower	Upper
99	100		
42	18.3	19.2	28.8#
71	35.1	35.0	52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.23 ng

RT: 6.60 min Scan# 395

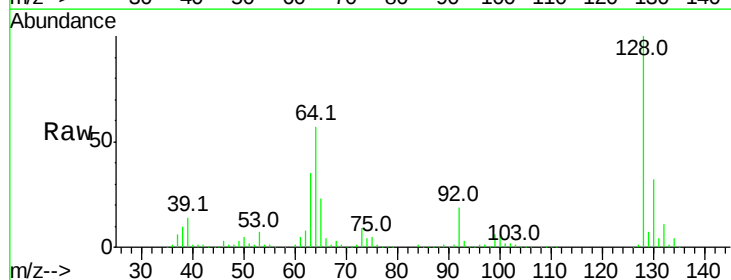
Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Tgt Ion: 128 Resp: 548209

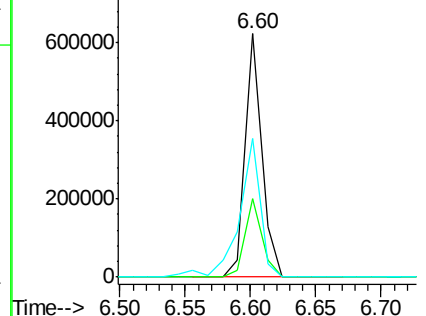
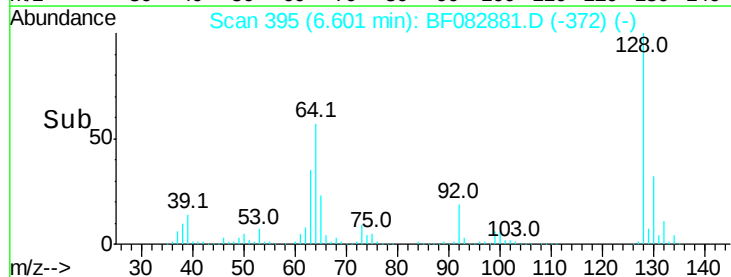
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.5	53.5
64	56.9	21.1	61.1

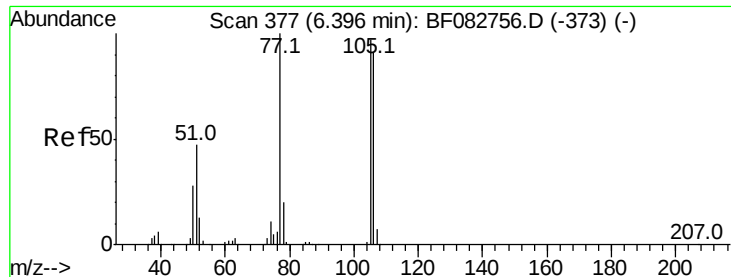


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.24 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.04 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

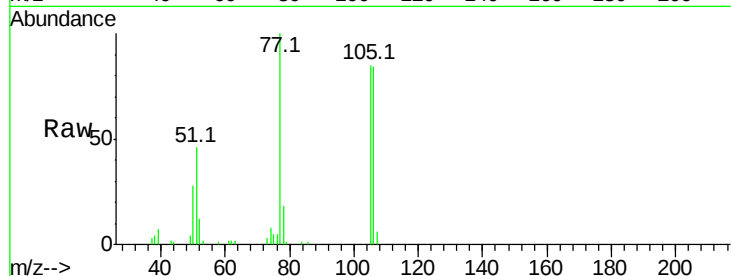
Tot Ion: 77 Resp: 50920

Ion Ratio Lower Upper

77 100

105 85.1 63.5 103.5

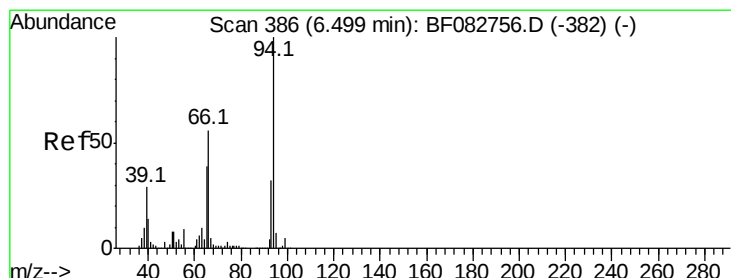
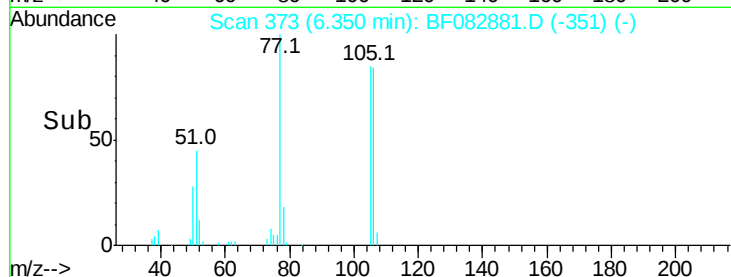
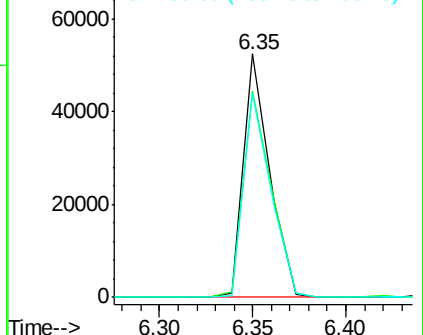
106 83.6 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.32 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

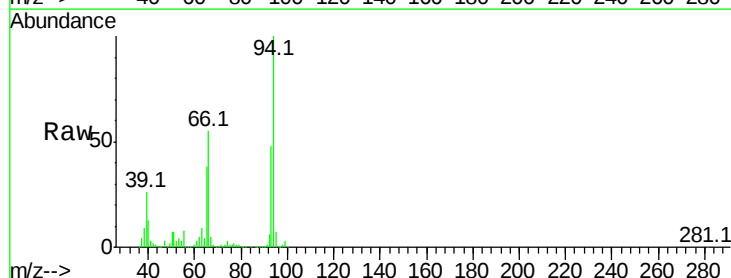
Tgt Ion: 94 Resp: 871736

Ion Ratio Lower Upper

94 100

65 37.8 18.9 58.9

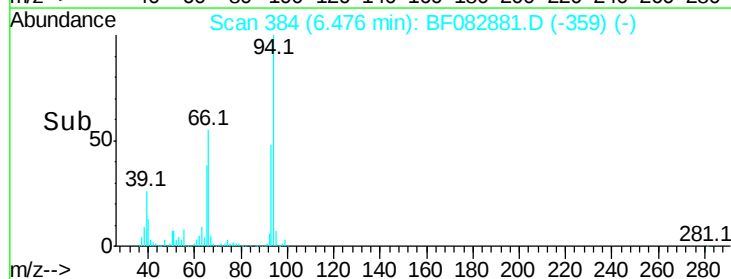
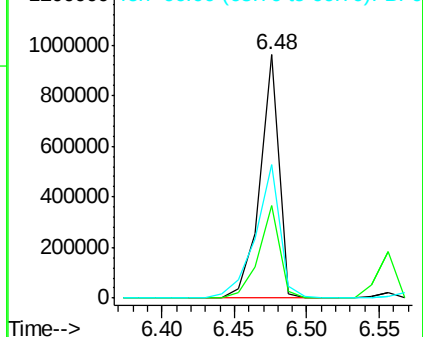
66 54.7 34.9 74.9

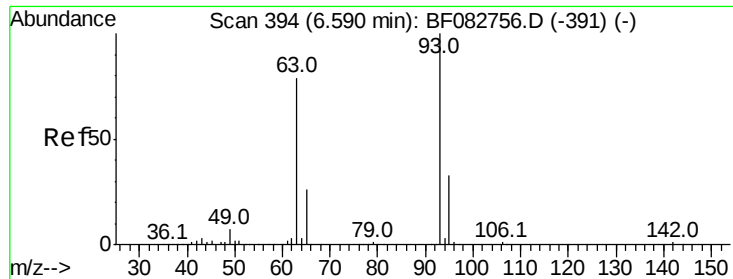


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.12 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

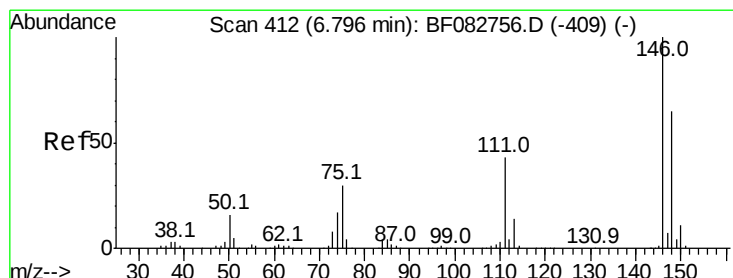
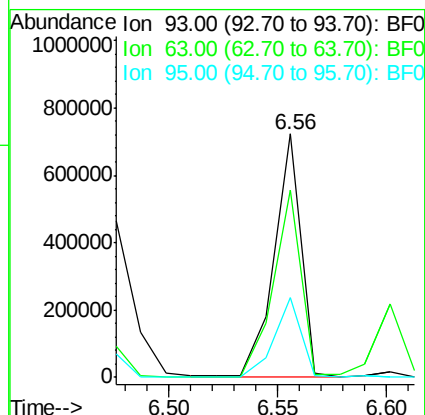
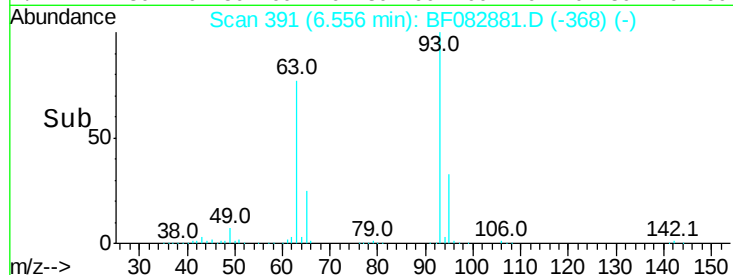
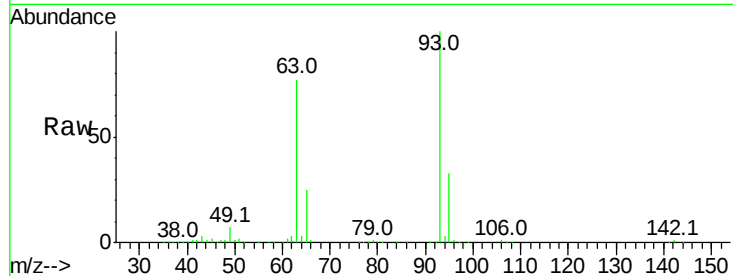
Tot Ion: 93 Resp: 629691

Ion Ratio Lower Upper

93 100

63 76.8 72.7 112.7

95 33.0 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 30.20 ng m

RT: 6.76 min Scan# 409

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

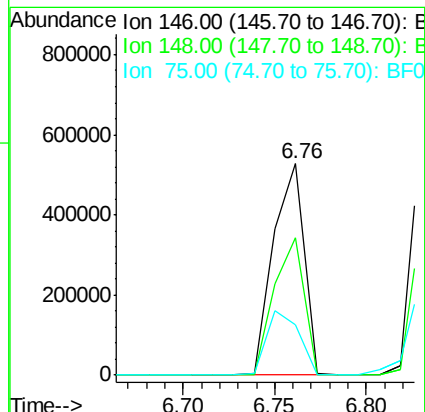
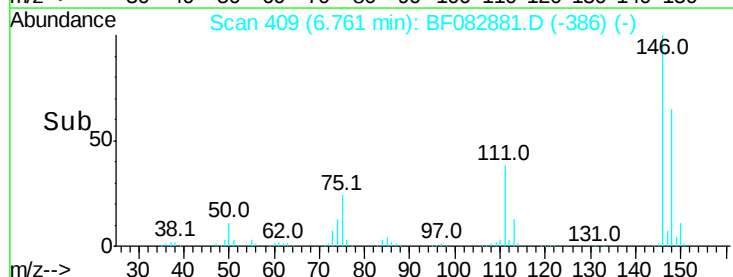
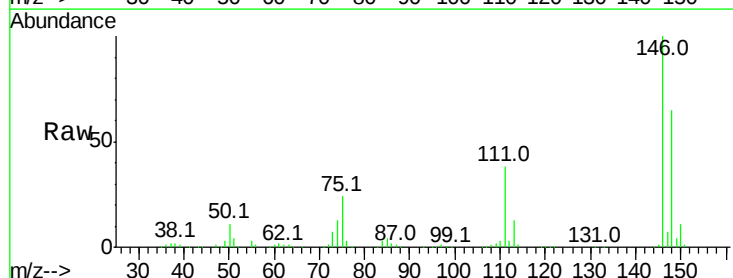
Tgt Ion: 146 Resp: 617829

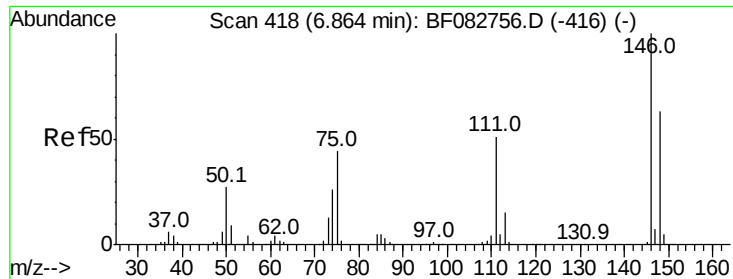
Ion Ratio Lower Upper

146 100

148 65.1 50.5 75.7

75 24.0 39.5 59.3#

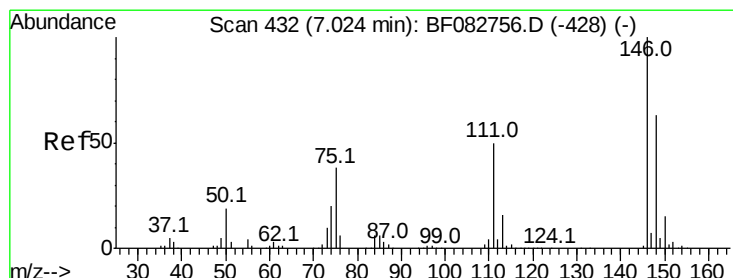
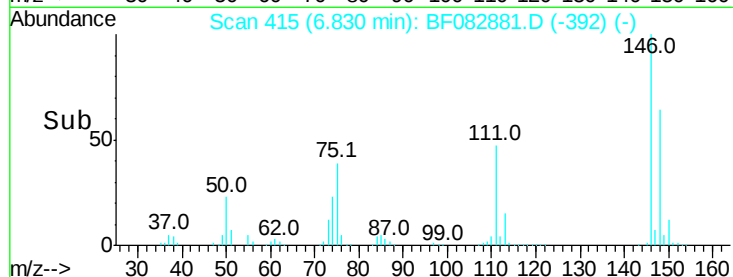
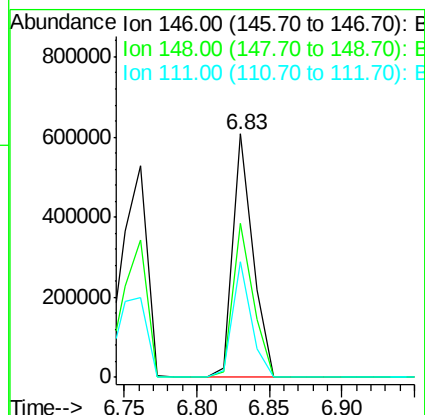
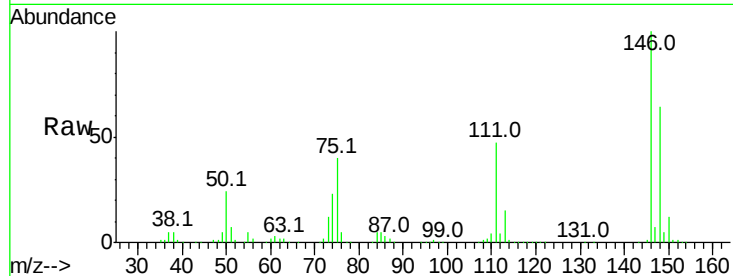




#13
 1,4-Dichlorobenzene
 Concen: 27.50 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

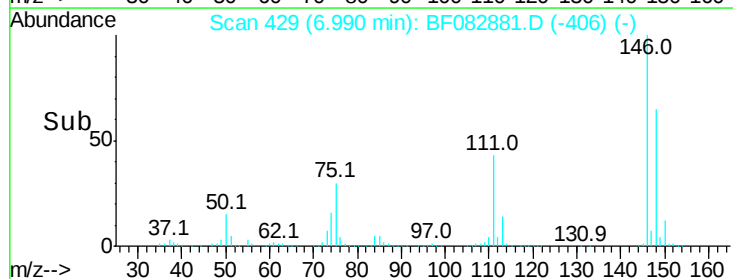
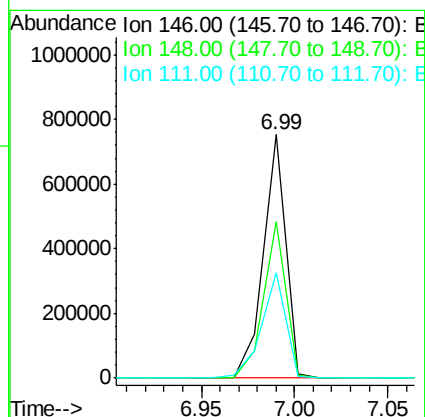
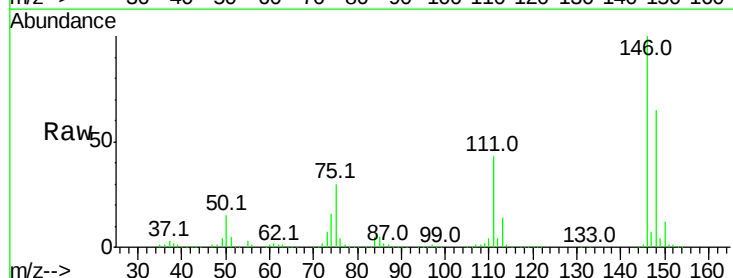
Instrument :
 BNA_F
 ClientSampleID :
 PB86543BS

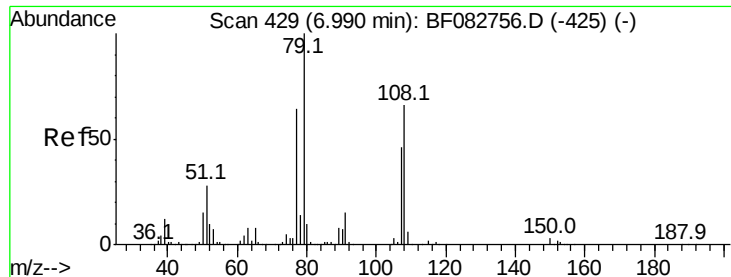
Tot Ion:146 Resp: 585183
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 47.4 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 32.13 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion:146 Resp: 621938
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.4
 111 43.1 36.6 55.0





#15

Benzyl Alcohol

Concen: 30.28 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

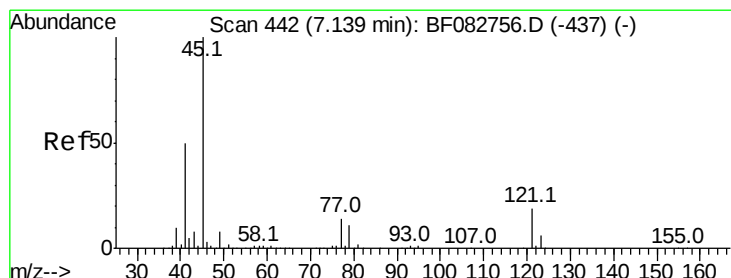
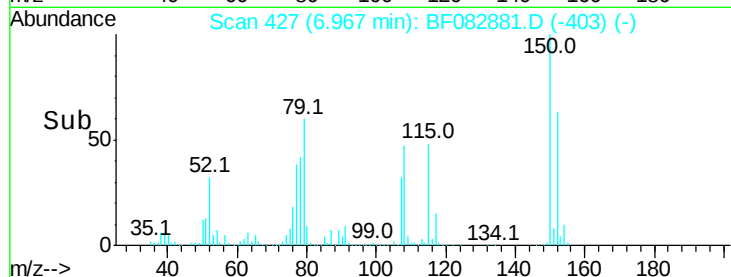
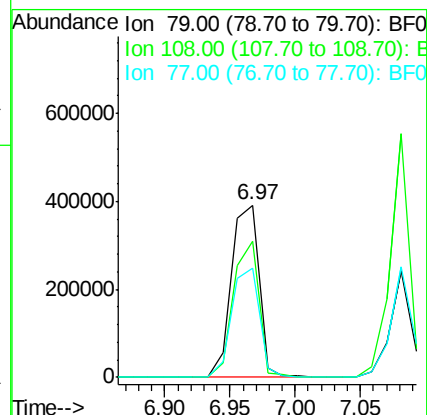
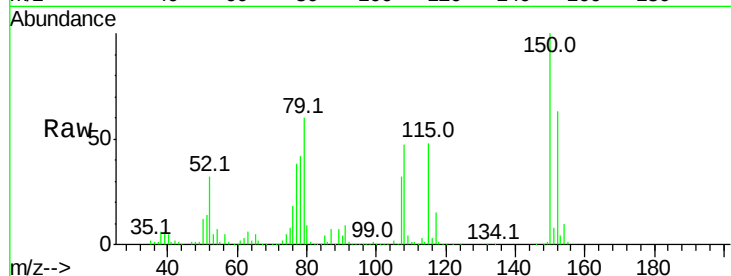
Tot Ion: 79 Resp: 578367

Ion Ratio Lower Upper

79 100

108 78.9 52.2 78.4#

77 63.4 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.28 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

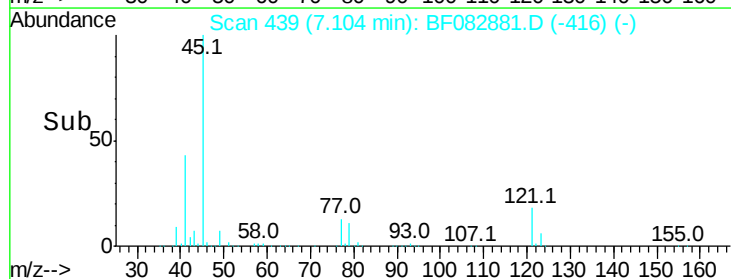
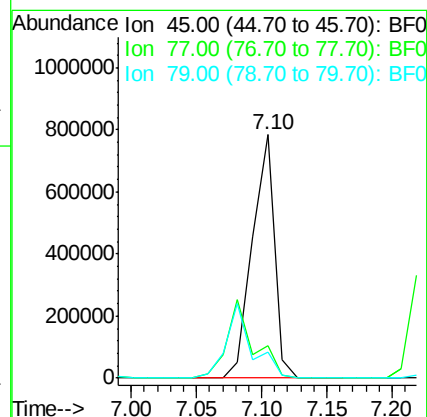
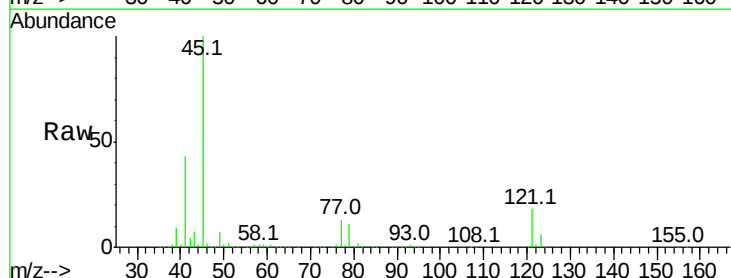
Tgt Ion: 45 Resp: 928129

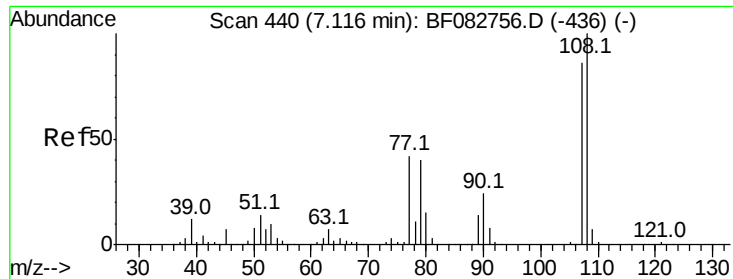
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.6

79 10.7 0.0 29.2





#17

2-Methylphenol

Concen: 32.04 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

Tot Ion:107 Resp: 492166

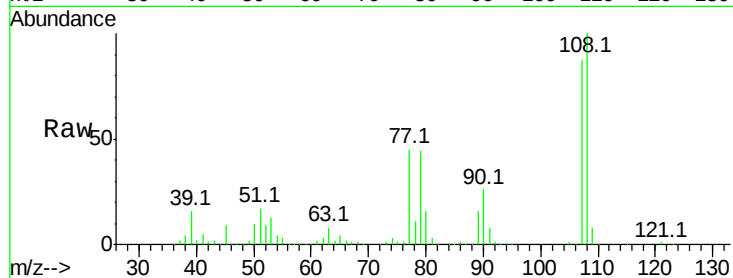
Ion Ratio Lower Upper

107 100

108 114.6 93.0 139.4

77 52.2 44.1 66.1

79 50.2 43.6 65.4

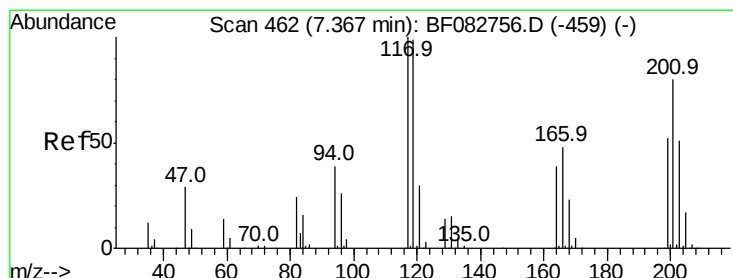
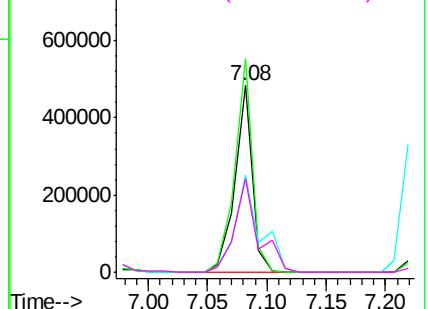
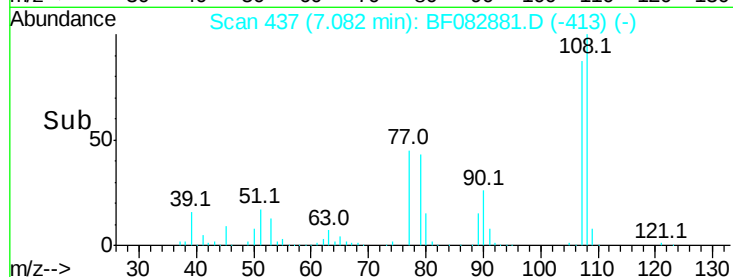


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.84 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

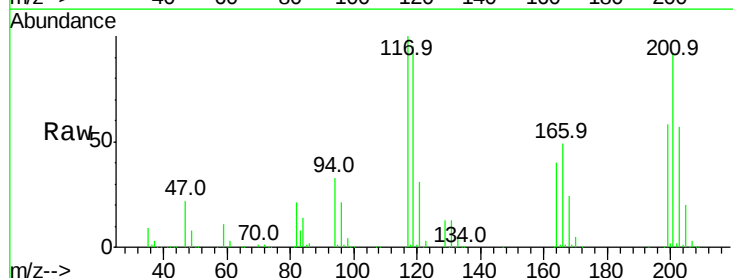
Tgt Ion:117 Resp: 234771

Ion Ratio Lower Upper

117 100

119 95.5 77.7 116.5

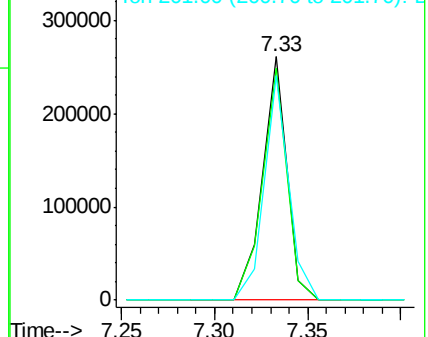
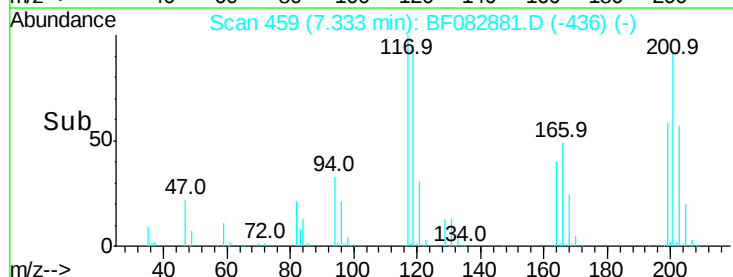
201 92.0 66.7 100.1

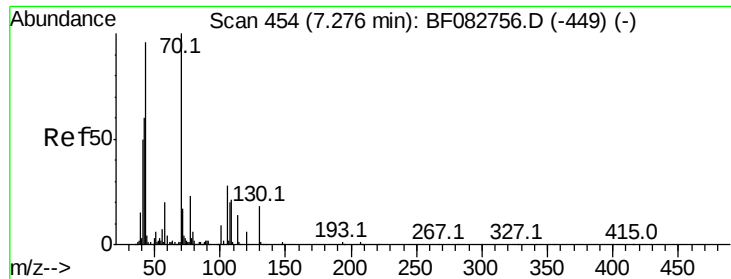


Abundance Ion 117.00 (116.70 to 117.70): E

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: 30.27 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

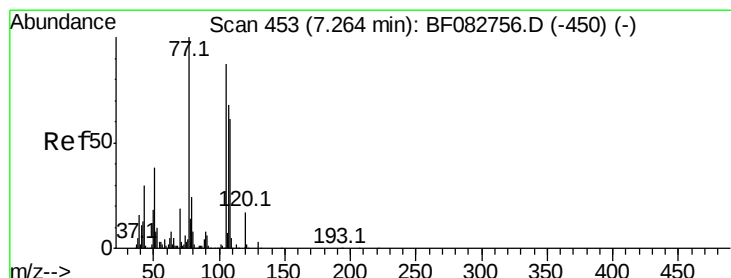
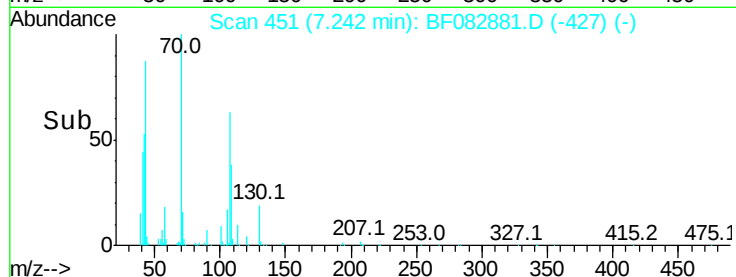
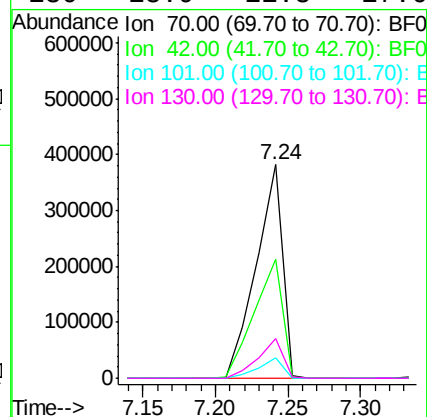
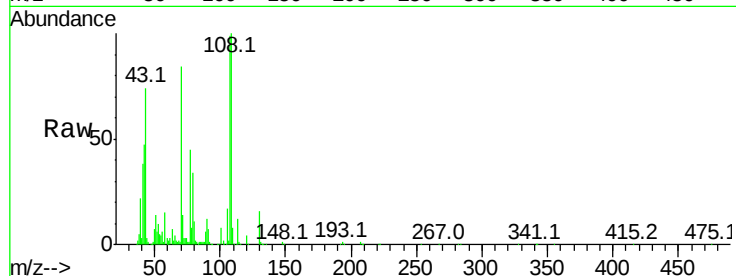
Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

Tot Ion: 70 Resp: 483944

Ion	Ratio	Lower	Upper
70	100		
42	55.9	57.7	86.5#
101	9.4	7.0	10.6
130	18.9	11.8	17.6#



#20

3+4-Methylphenols

Concen: 31.33 ng

RT: 7.24 min Scan# 451

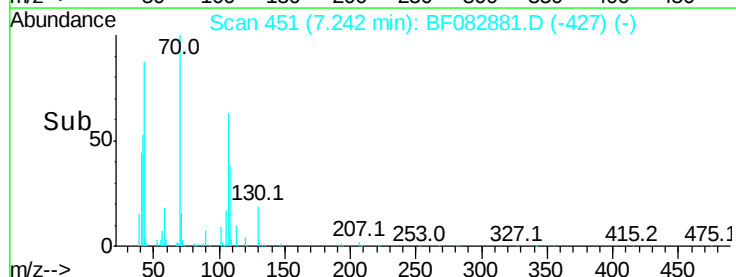
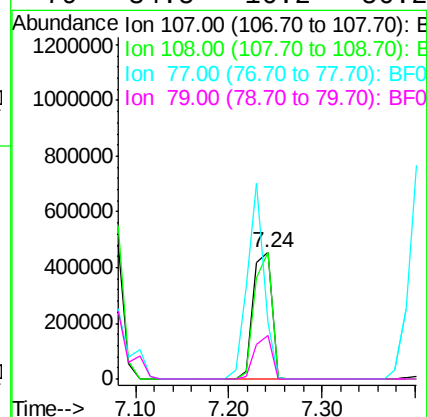
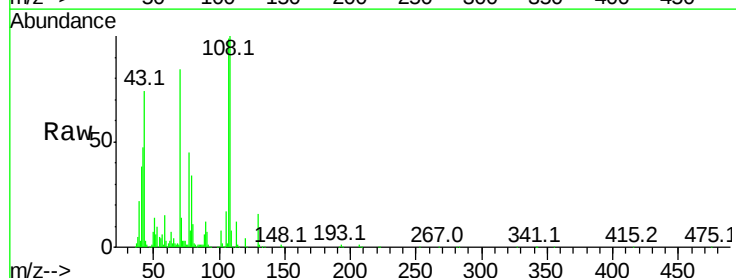
Delta R.T. -0.02 min

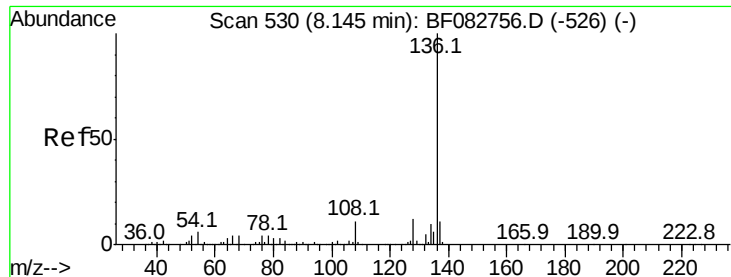
Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Tgt Ion: 107 Resp: 625676

Ion	Ratio	Lower	Upper
107	100		
108	100.5	67.3	107.3
77	44.8	100.3	140.3#
79	34.5	16.2	56.2

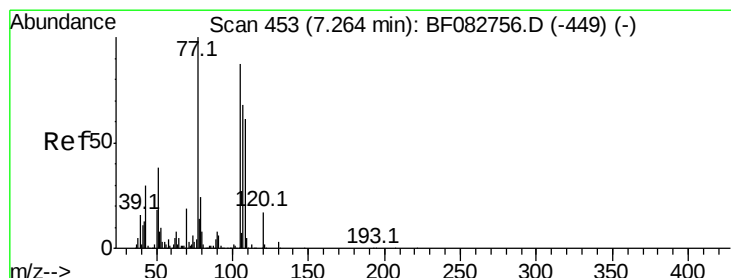
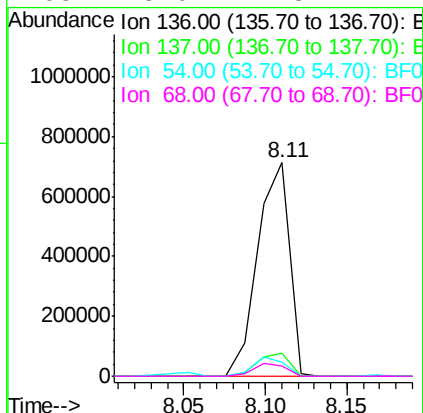
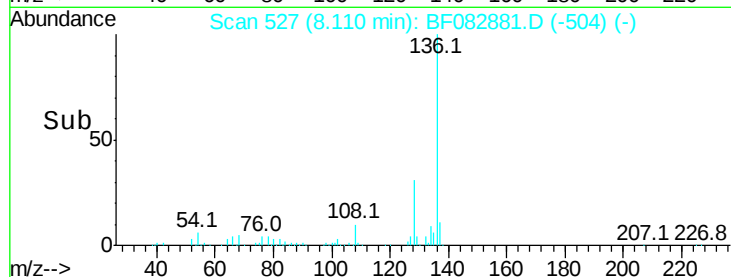
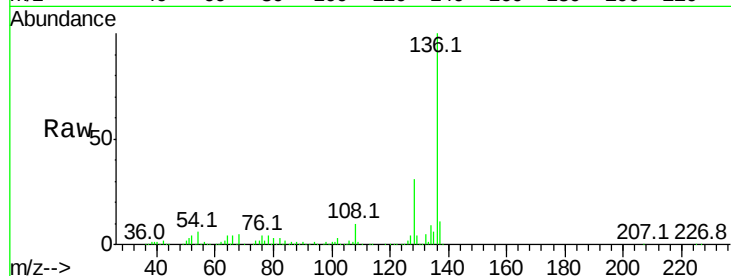




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

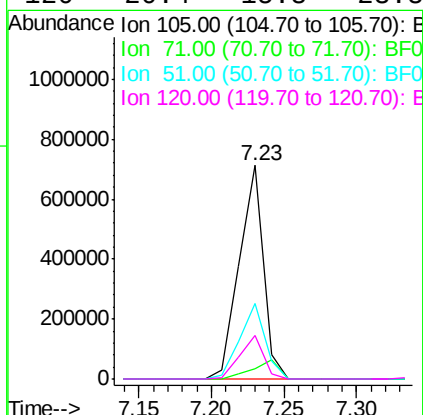
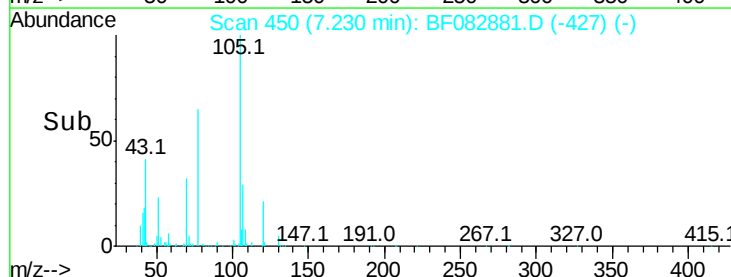
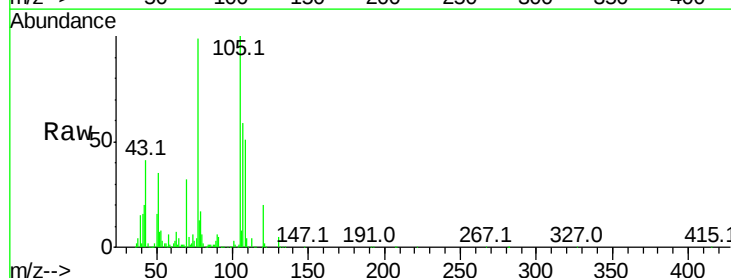
Instrument :
BNA_F
ClientSampleId :
PB86543BS

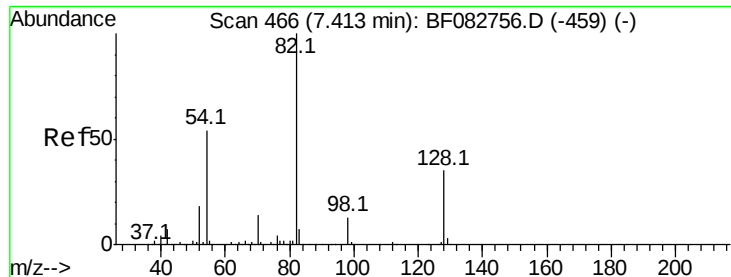
Tot Ion:136	Resp:	967933
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	6.4	9.1 13.7#
68	5.0	4.8 7.2



#22
Acetophenone
Concen: 29.71 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:105	Resp:	823855
Ion	Ratio	Lower Upper
105	100	
71	5.1	5.6 8.4#
51	35.1	24.9 37.3
120	20.4	15.8 23.8

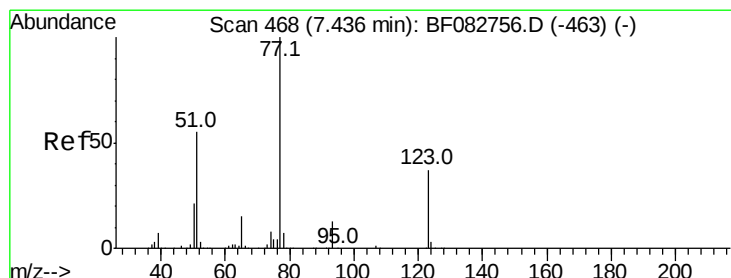
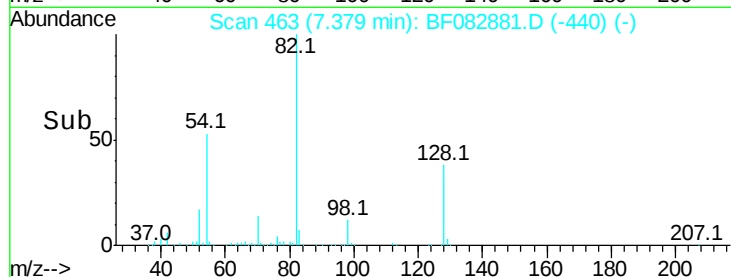
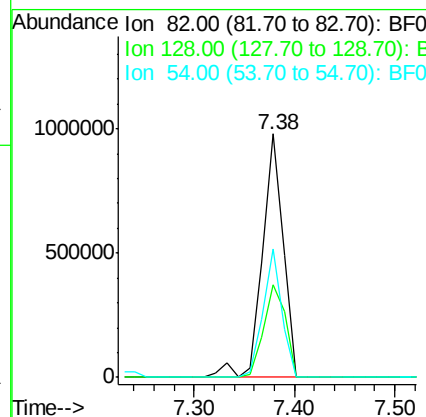
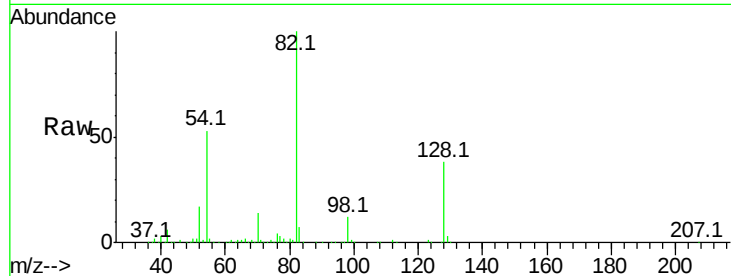




#23
 Nitrobenzene-d5
 Concen: 63.10 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

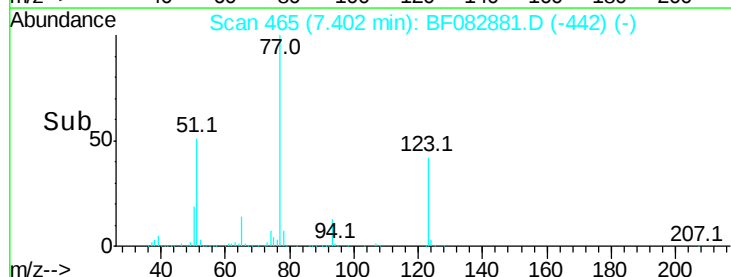
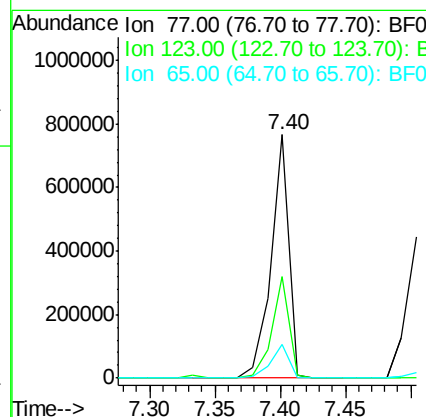
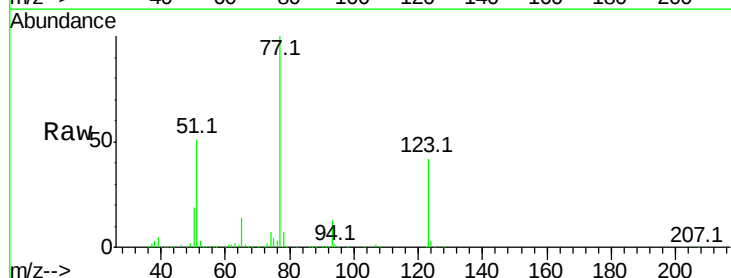
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

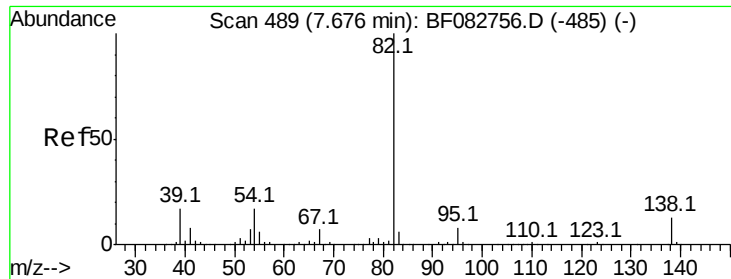
Tot Ion: 82 Resp: 1403766
 Ion Ratio Lower Upper
 82 100
 128 38.0 26.8 40.2
 54 52.6 45.7 68.5



#24
 Nitrobenzene
 Concen: 32.06 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion: 77 Resp: 729376
 Ion Ratio Lower Upper
 77 100
 123 41.5 36.4 54.6
 65 14.0 11.5 17.3





#25

Isophorone

Concen: 30.93 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

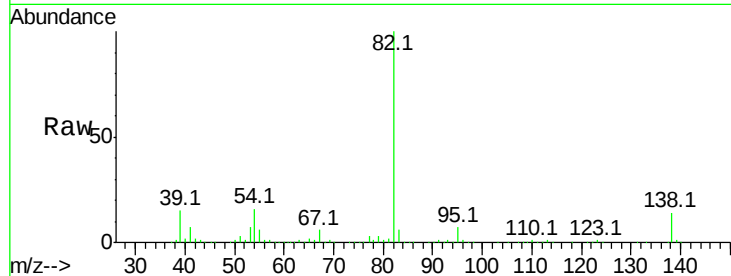
BNA_F

ClientSampleId :

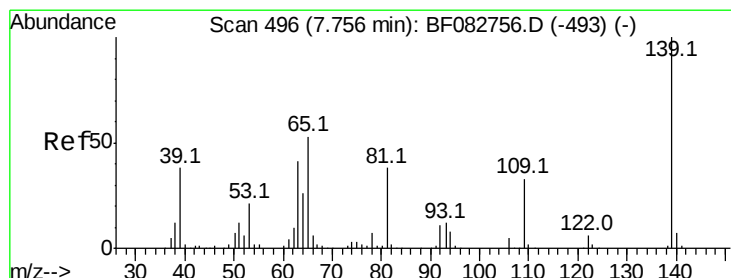
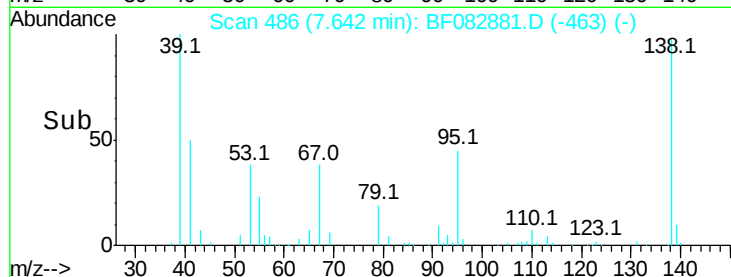
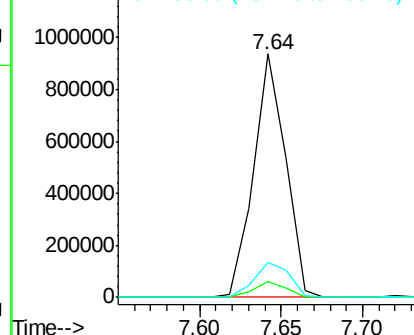
PB86543BS

Tot Ion: 82 Resp: 1273187

Ion	Ratio	Lower	Upper
82	100		
95	6.6	6.6	9.8#
138	14.2	11.4	17.0



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



#26

2-Nitrophenol

Concen: 34.76 ng

RT: 7.72 min Scan# 493

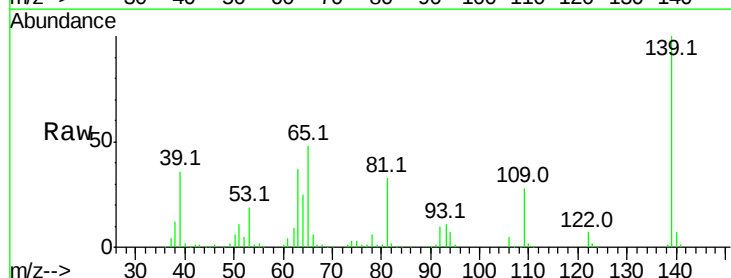
Delta R.T. -0.03 min

Lab File: BF082881.D

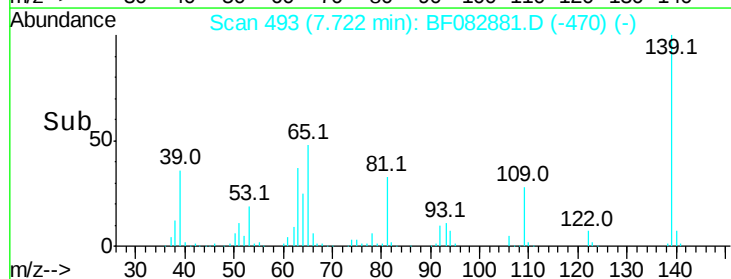
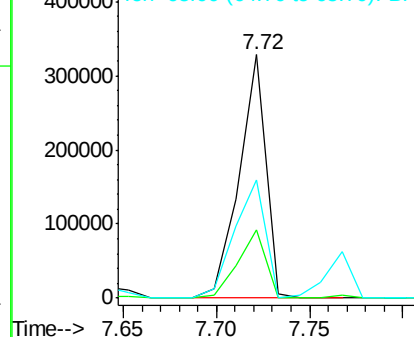
Acq: 10 Nov 2015 20:45

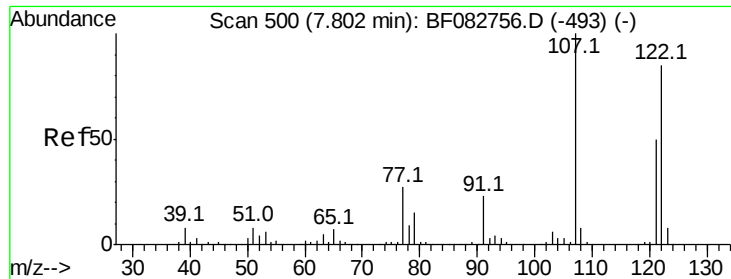
Tgt Ion: 139 Resp: 330096

Ion	Ratio	Lower	Upper
139	100		
109	28.2	37.6	56.4#
65	48.5	70.6	105.8#



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

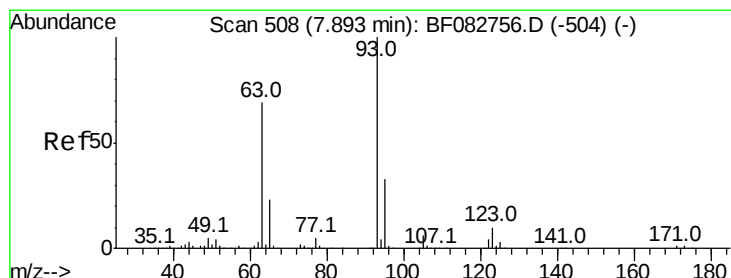
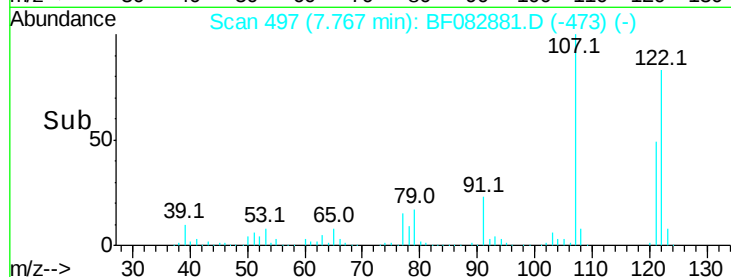
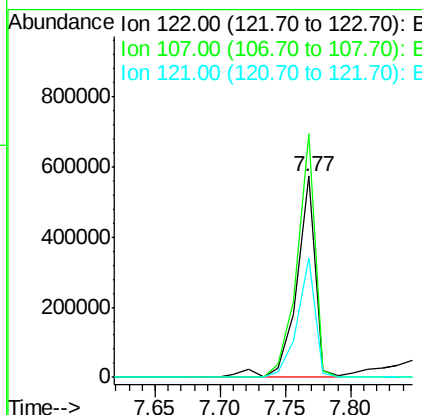
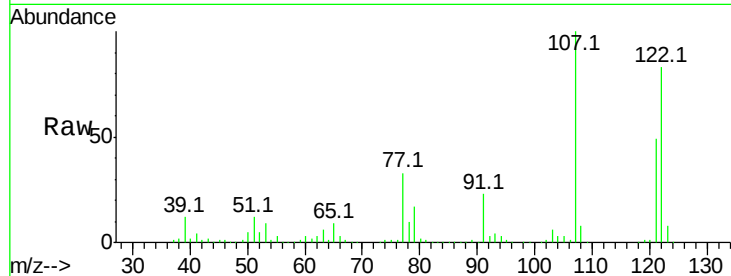




#27
 2,4-Dimethylphenol
 Concen: 33.71 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

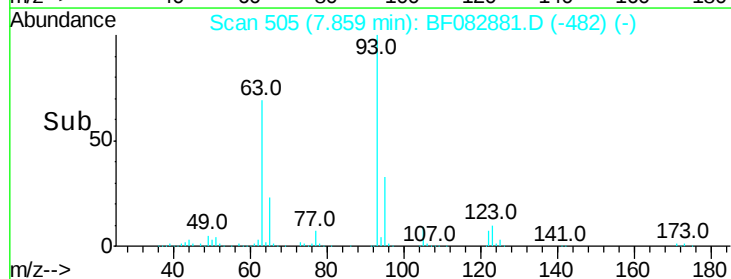
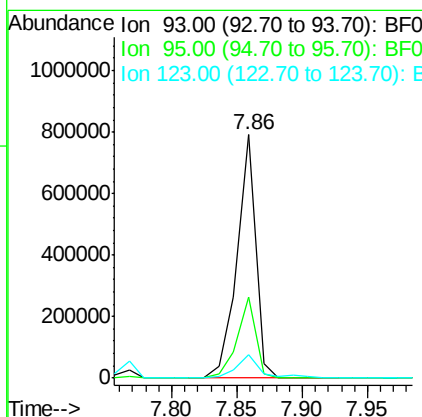
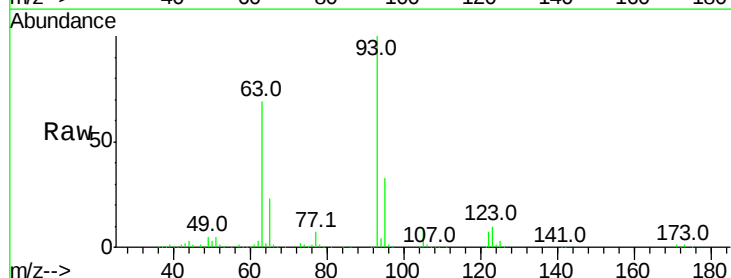
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

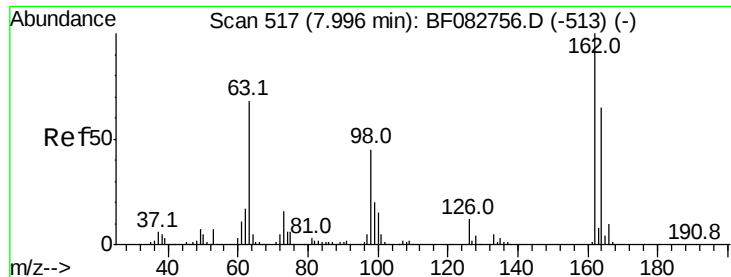
Tot Ion:122 Resp: 575069
 Ion Ratio Lower Upper
 122 100
 107 121.0 106.0 159.0
 121 59.4 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.72 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion: 93 Resp: 782882
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 40.0
 123 9.9 9.7 14.5

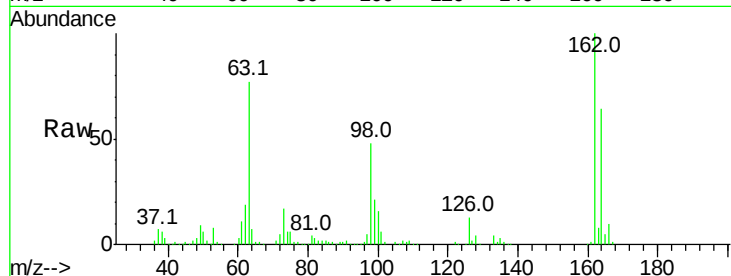




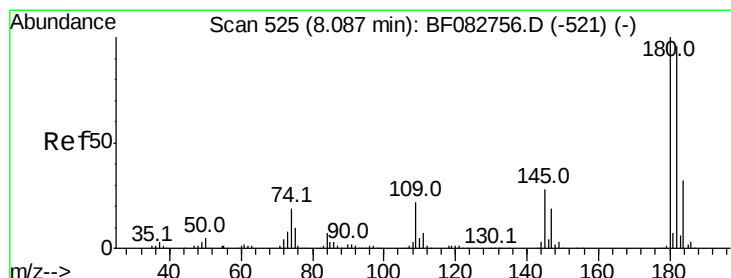
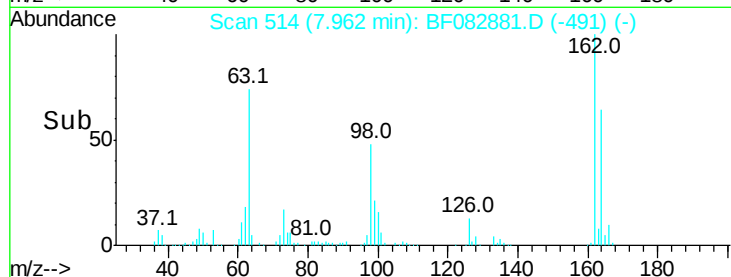
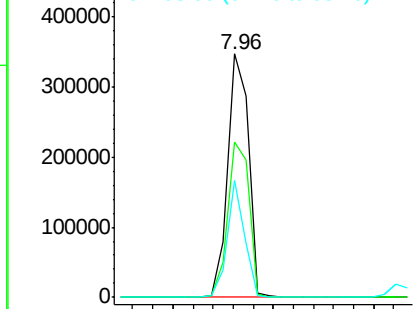
#29
2,4-Dichlorophenol
Concen: 32.45 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.8	86.8
98	48.2	12.5	52.5

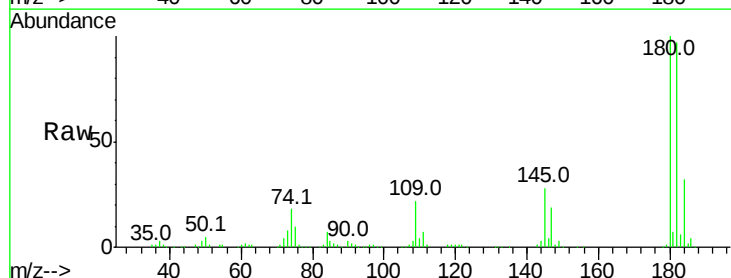


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

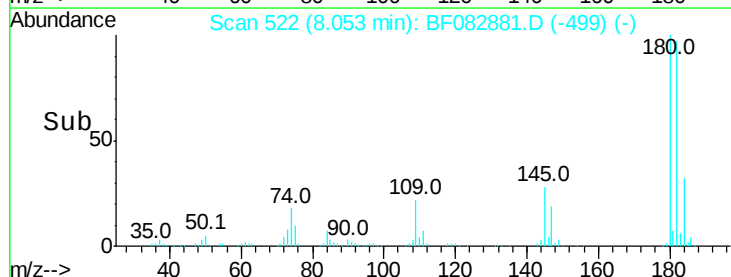
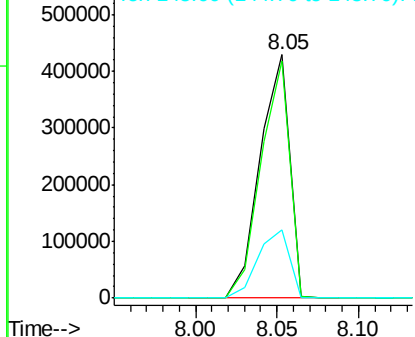


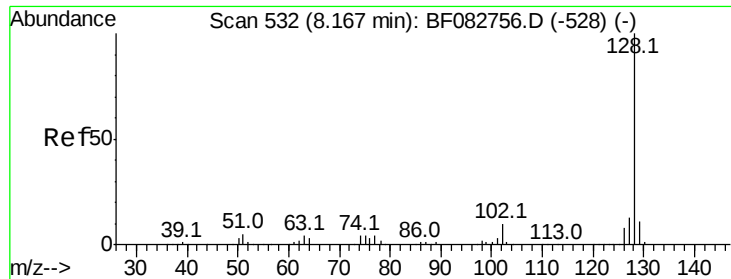
#30
1,2,4-Trichlorobenzene
Concen: 31.16 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	74.9	112.3
145	28.2	27.8	41.8



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

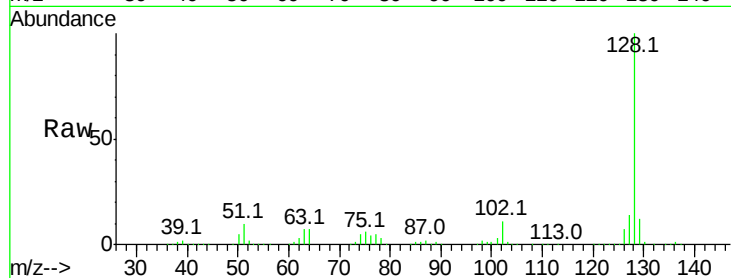




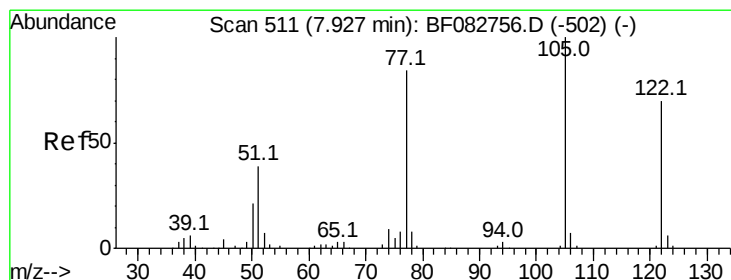
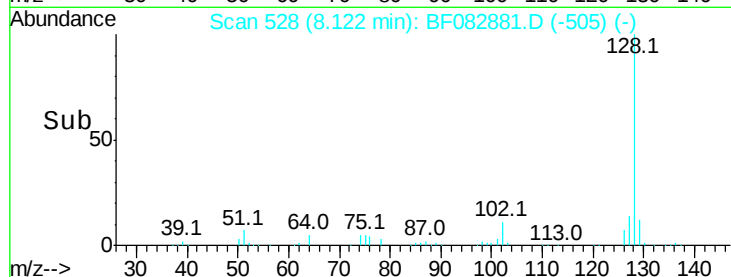
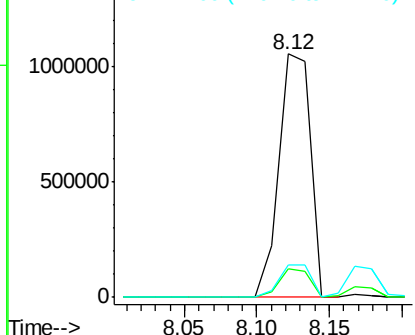
#31
Naphthalene
Concen: 29.71 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

Tot Ion:128 Resp: 1586732
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.5 11.4 17.0

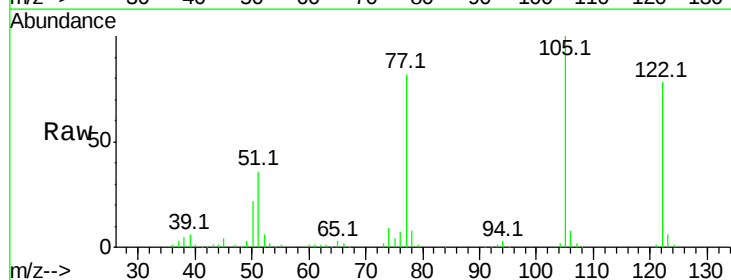


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

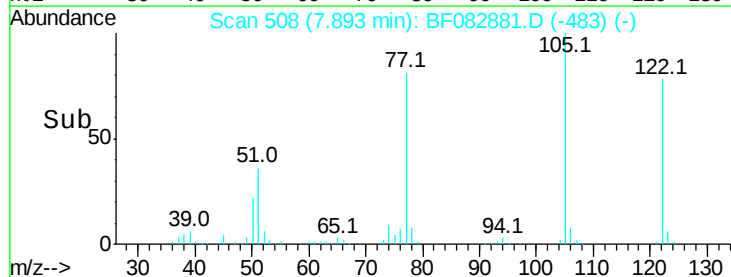
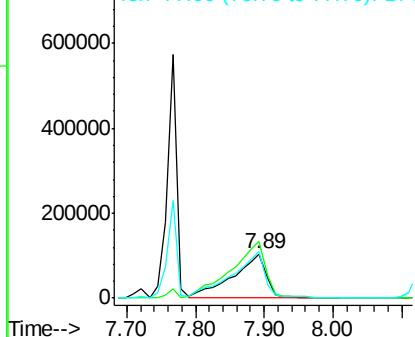


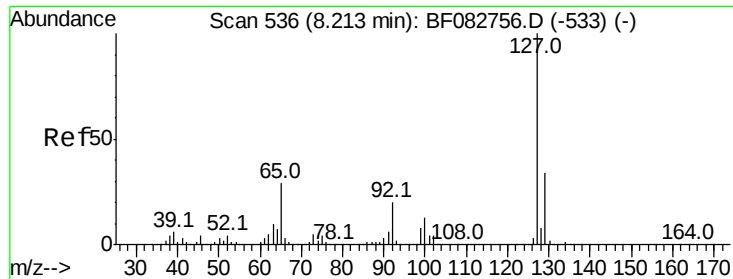
#32
Benzoic acid
Concen: 30.50 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:122 Resp: 356228
Ion Ratio Lower Upper
122 100
105 128.0 122.6 162.6
77 104.8 100.9 140.9



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

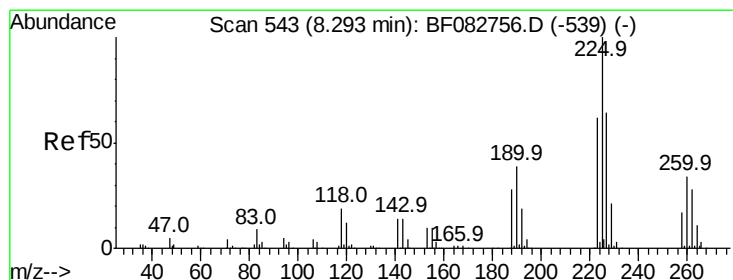
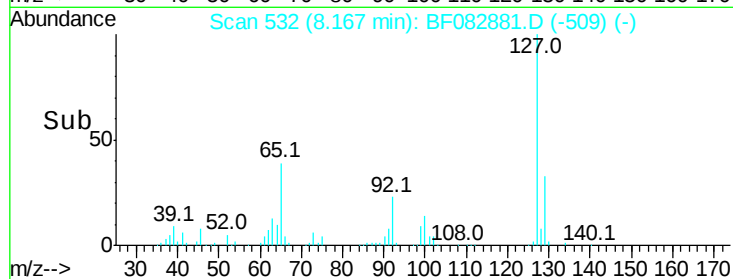
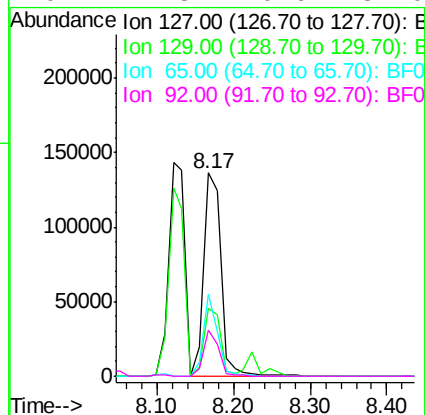
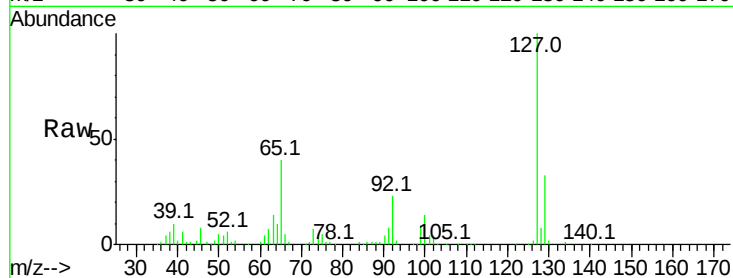




#33
 4-Chloroaniline
 Concen: 9.11 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

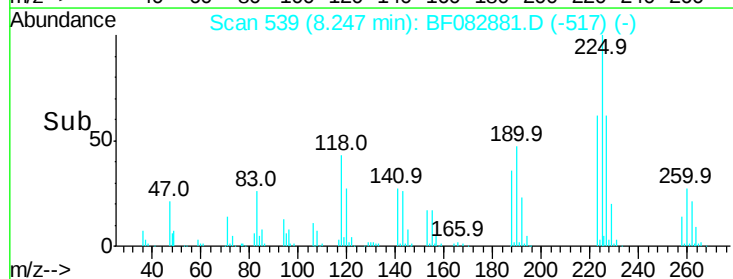
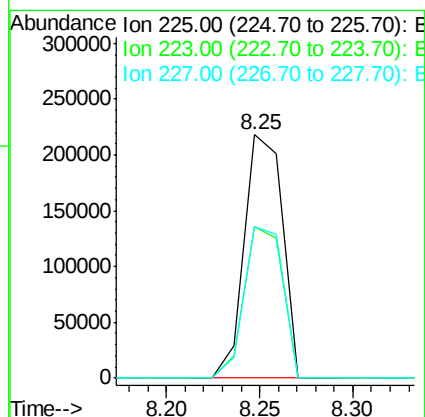
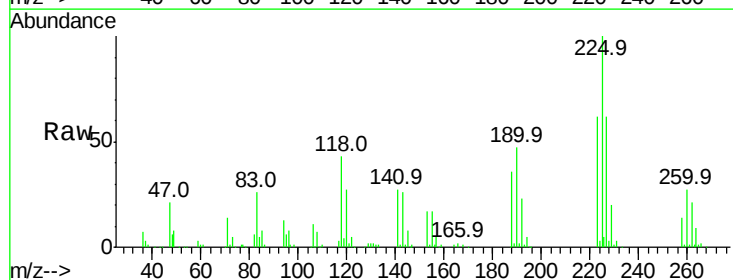
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

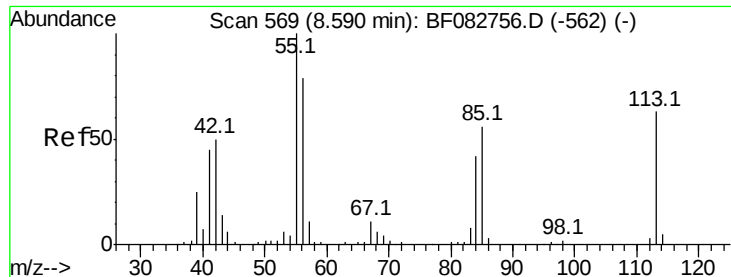
Tot Ion:	127	Resp:	209627
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	40.2	37.8	56.8
92	22.8	20.6	31.0



#34
 Hexachlorobutadiene
 Concen: 28.42 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.05 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion:	225	Resp:	308454
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.5	75.7
227	62.4	50.2	75.2

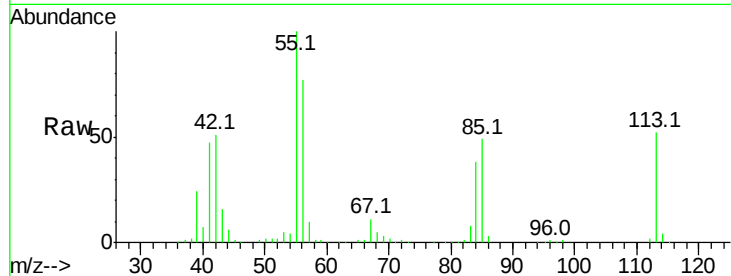




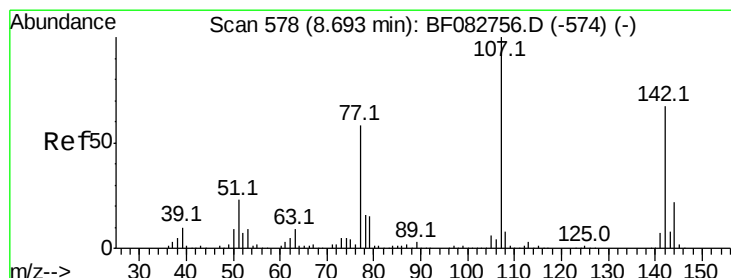
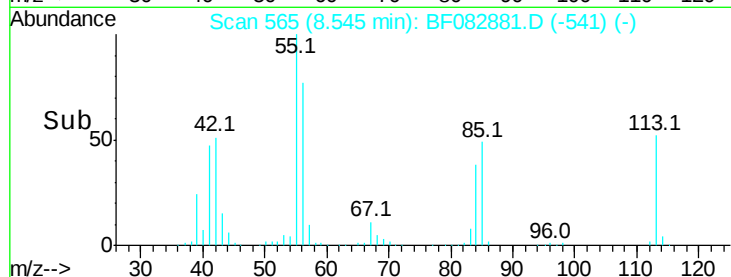
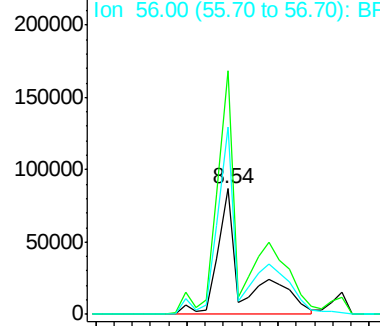
#35
Caprolactam
Concen: 35.10 ng/ml
RT: 8.54 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleID :
PB86543BS

Tot Ion:113 Resp: 170630
Ion Ratio Lower Upper
113 100
55 193.6 195.5 235.5#
56 148.4 153.5 193.5#

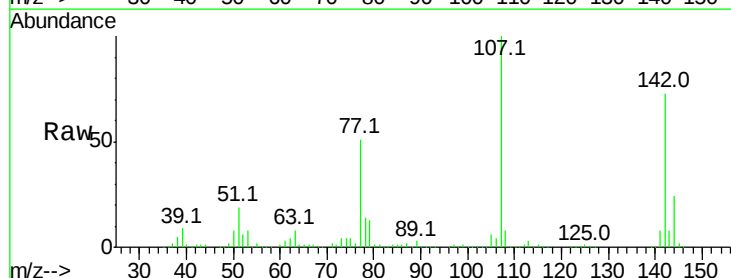


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

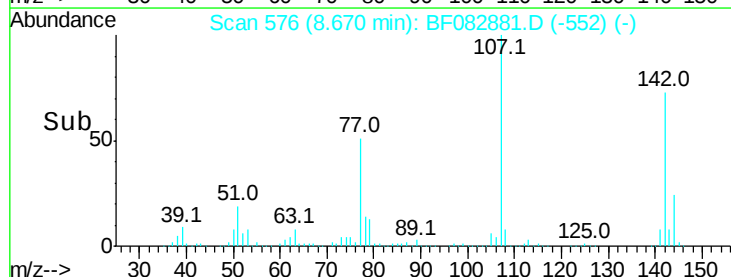
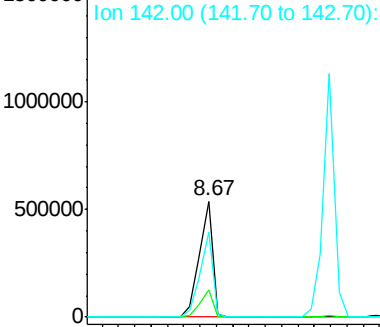


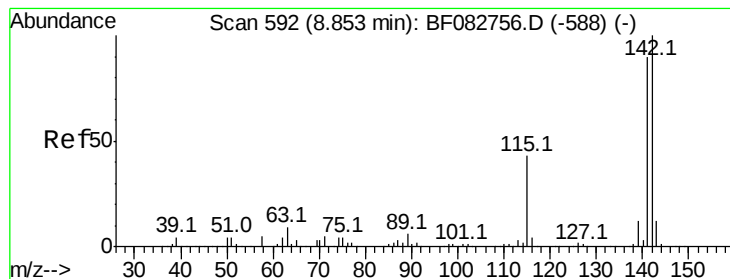
#36
4-Chloro-3-methylphenol
Concen: 33.50 ng/ml
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:107 Resp: 607486
Ion Ratio Lower Upper
107 100
144 23.8 15.4 23.0#
142 73.4 47.8 71.8#



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





#37

2-Methylnaphthalene

Concen: 31.26 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

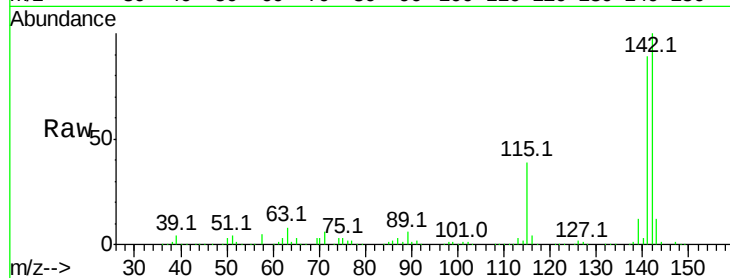
Tot Ion:142 Resp: 1079912

Ion Ratio Lower Upper

142 100

141 89.0 72.3 108.5

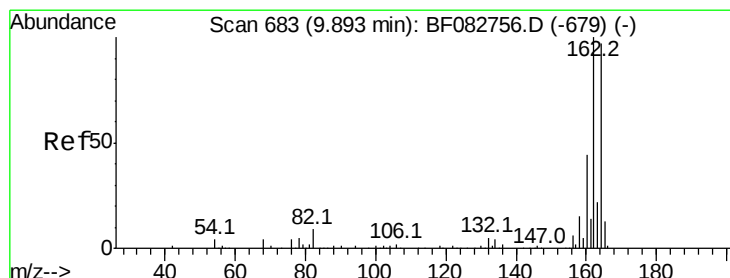
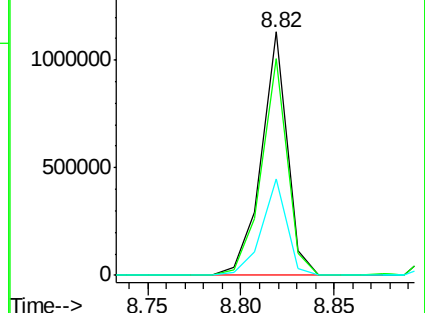
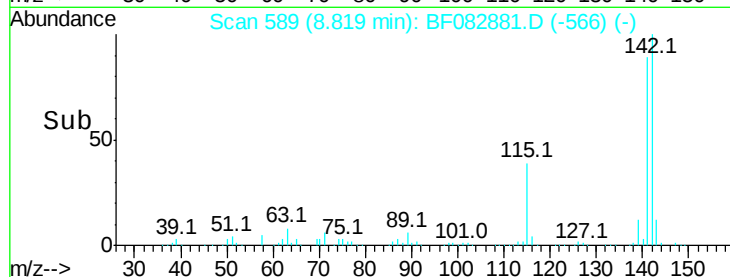
115 39.4 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

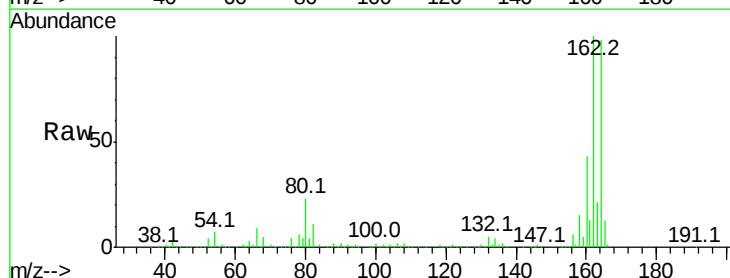
Tgt Ion:164 Resp: 492825

Ion Ratio Lower Upper

164 100

162 101.7 84.9 127.3

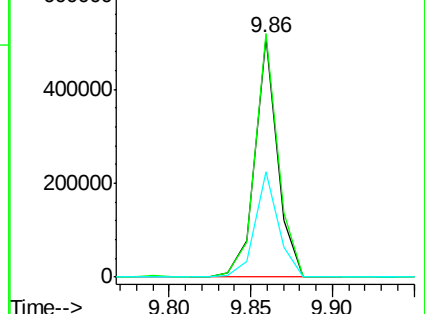
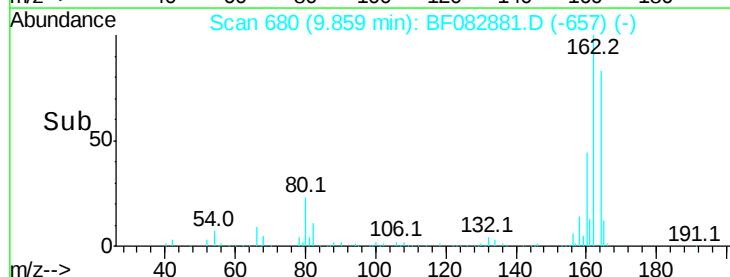
160 44.0 37.5 56.3

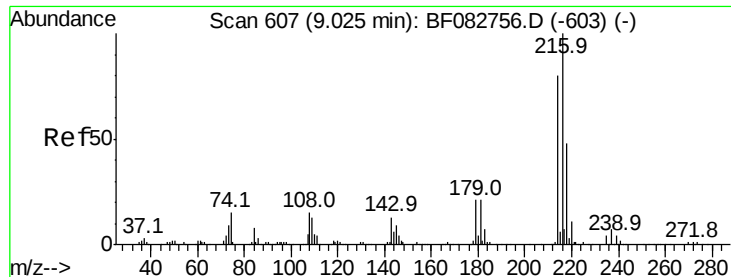


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.13 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

Tot Ion:216 Resp: 536548

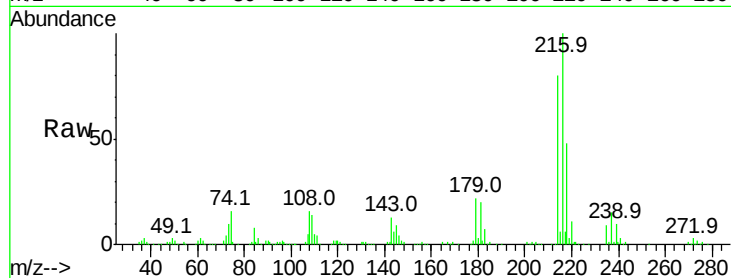
Ion Ratio Lower Upper

216 100

214 79.6 62.2 93.2

179 22.2 18.1 27.1

108 21.2 16.6 25.0

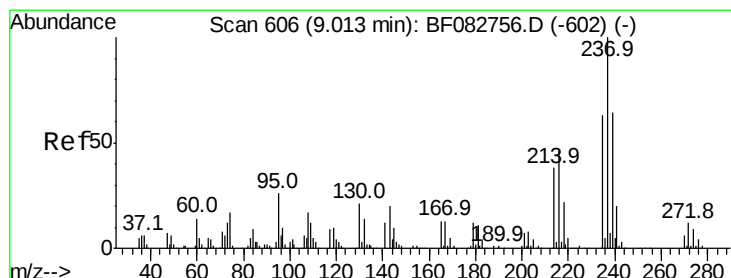
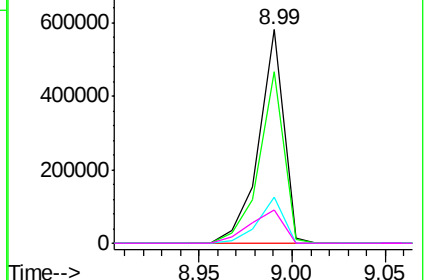
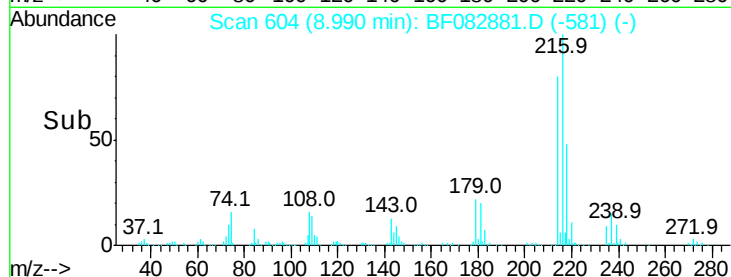


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.53 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

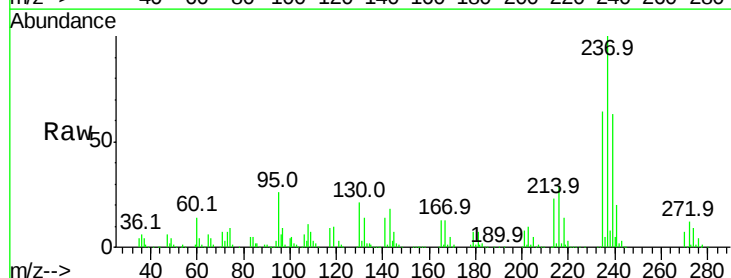
Tgt Ion:237 Resp: 517956

Ion Ratio Lower Upper

237 100

235 64.4 44.3 84.3

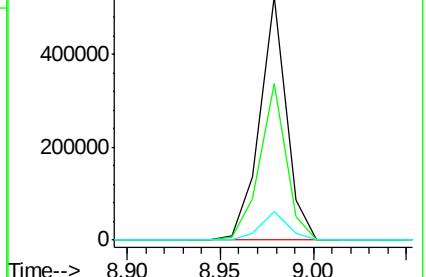
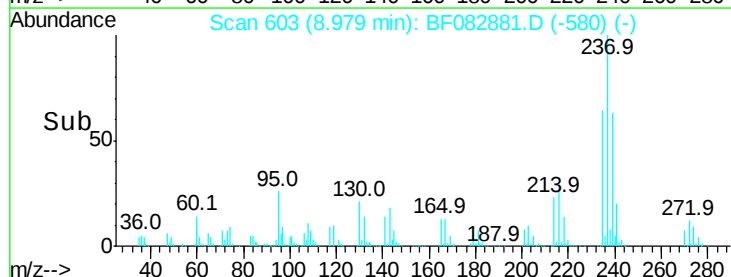
272 11.8 0.0 31.9

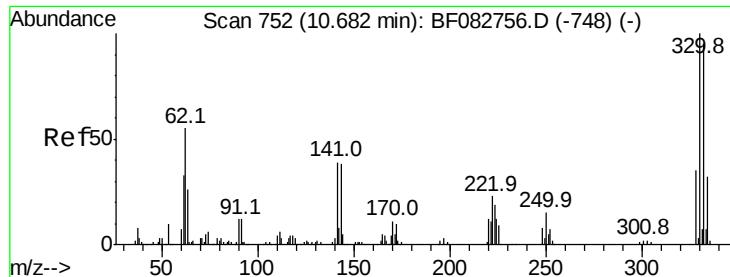


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

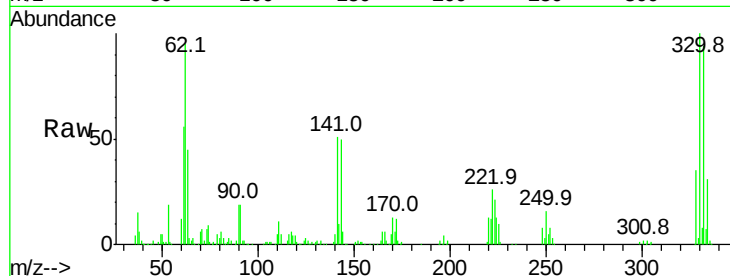




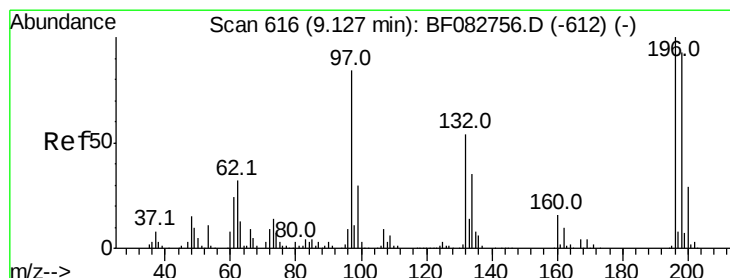
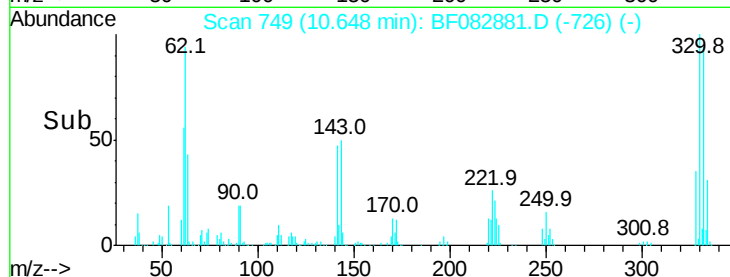
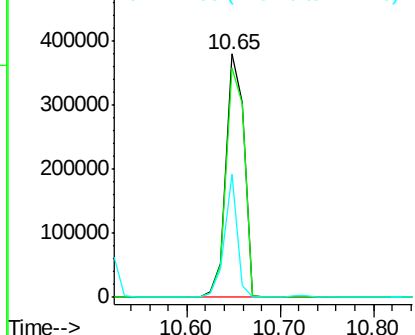
#41
 2,4,6-Tribromophenol
 Concen: 91.36 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

Tot Ion:330 Resp: 516225
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 35.2 41.2 61.8#

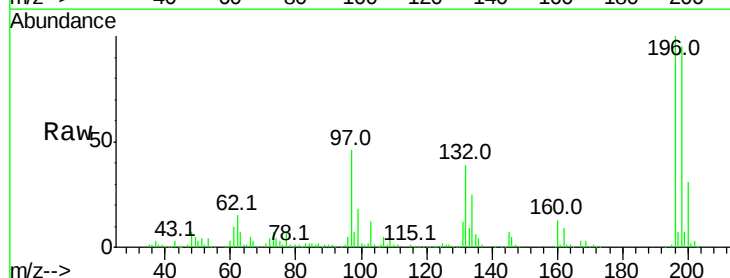


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

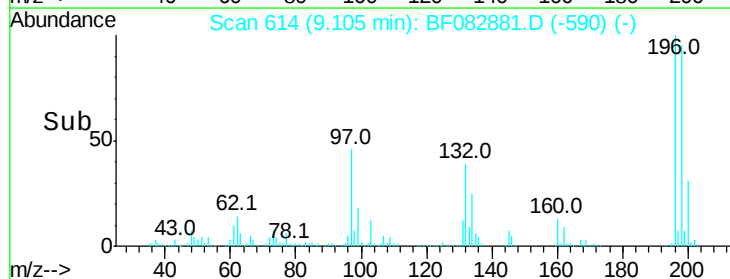
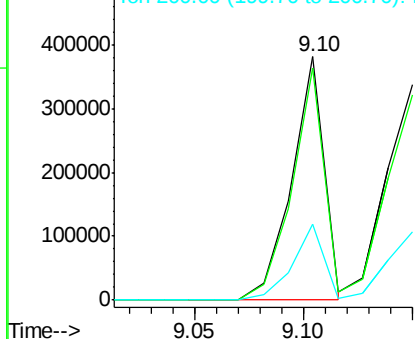


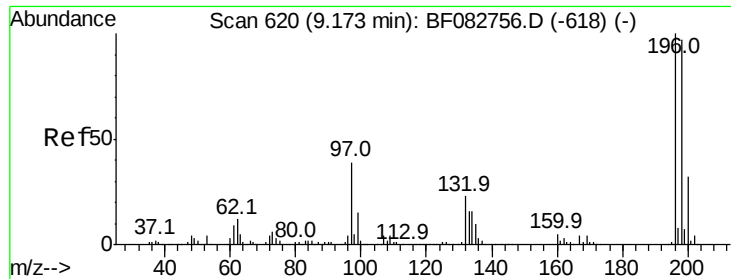
#42
 2,4,6-Trichlorophenol
 Concen: 32.73 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion:196 Resp: 395707
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 31.0 23.9 35.9



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

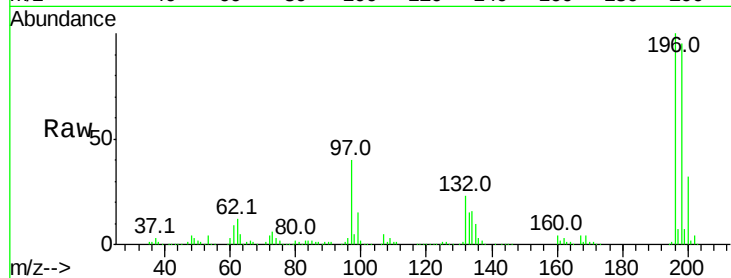




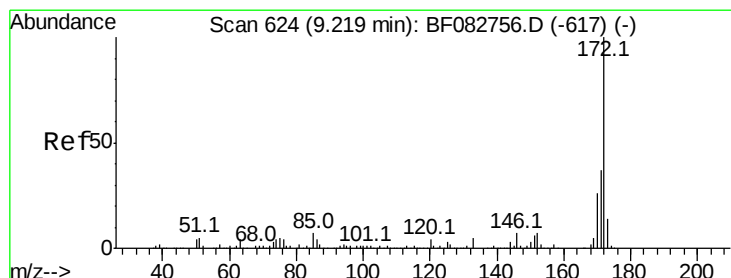
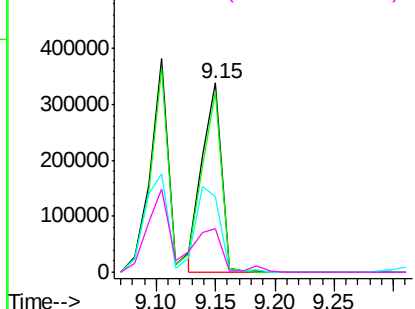
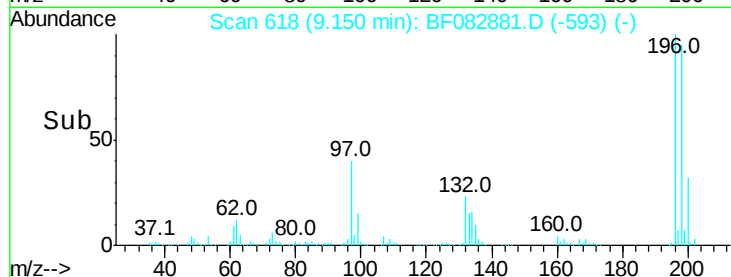
#43
 2,4,5-Trichlorophenol
 Concen: 31.99 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

Tot Ion:	196	Resp:	382433
Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.8	113.8
97	39.9	62.3	93.5#
132	23.1	27.4	41.2#

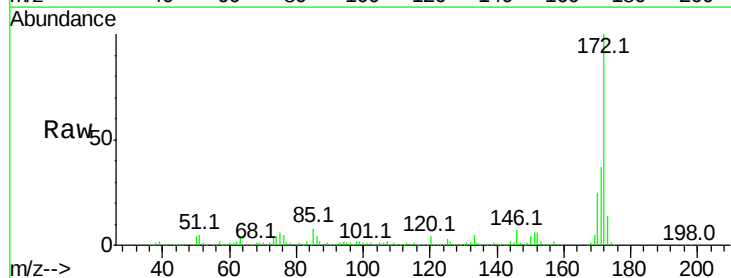


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

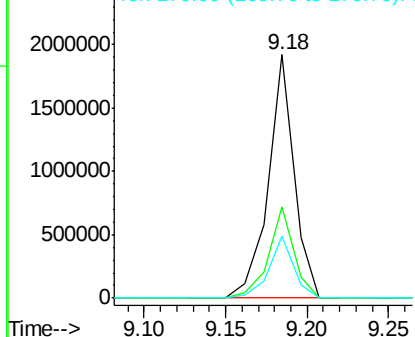
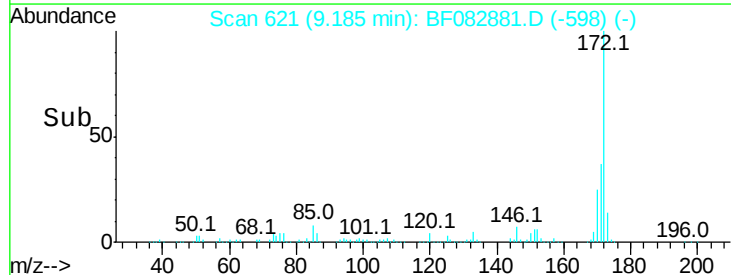


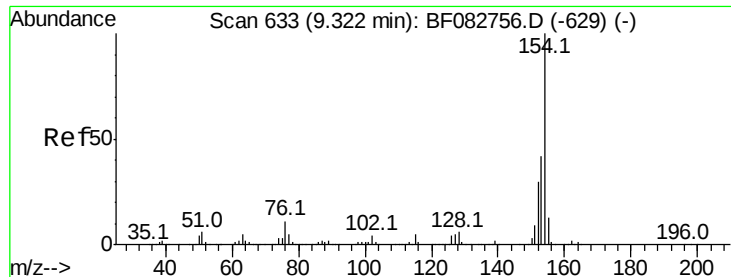
#44
 2-Fluorobiphenyl
 Concen: 61.66 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion:	172	Resp:	2120087
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.4	21.2	31.8



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



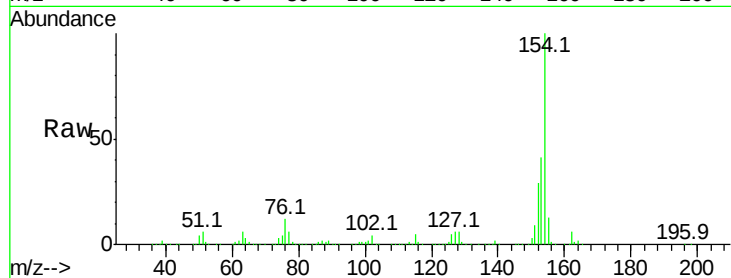


#45
 1,1'-Biphenyl
 Concen: 33.32 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

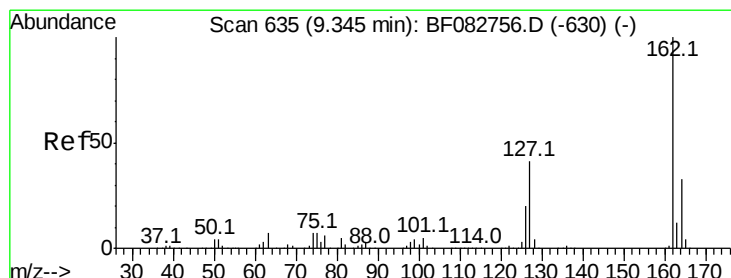
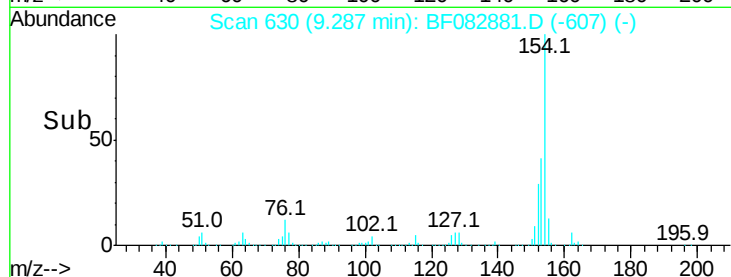
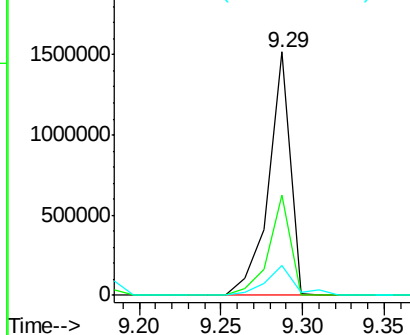
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

Tot Ion:154 Resp: 1408953

Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.0	62.0
76	12.2	0.0	29.0



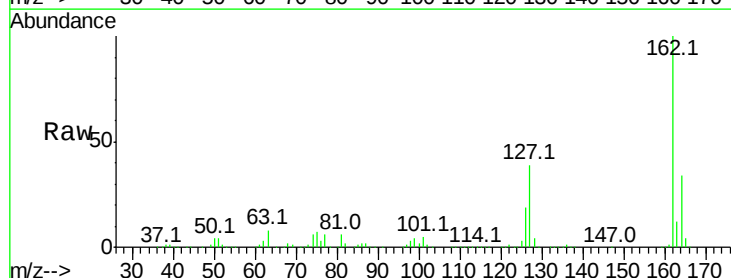
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



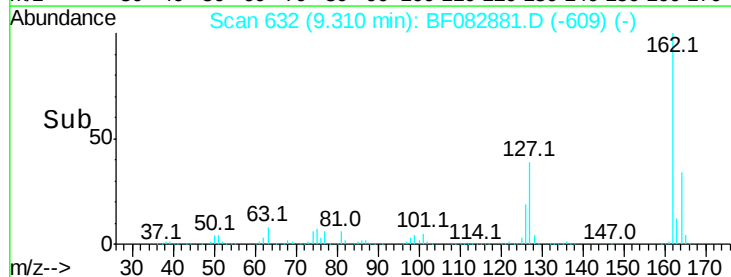
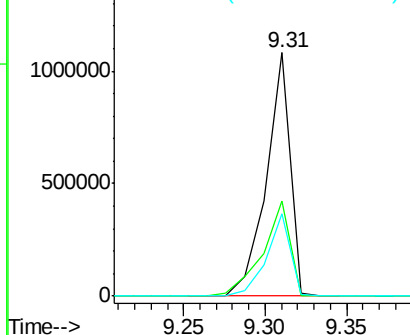
#46
 2-Chloronaphthalene
 Concen: 33.43 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

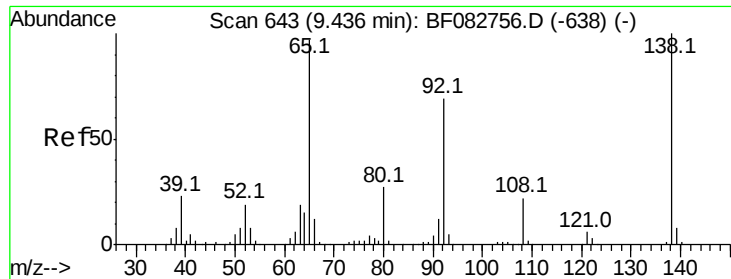
Tgt Ion:162 Resp: 1102727

Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.7	49.1
164	33.6	27.4	41.0



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

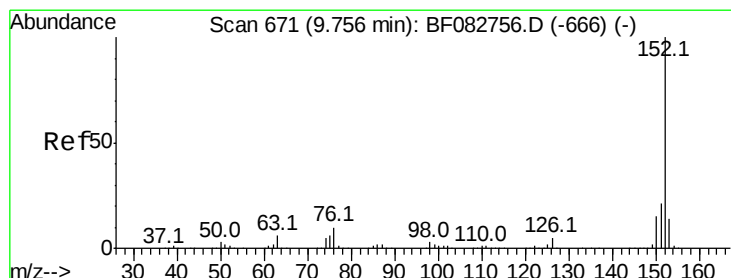
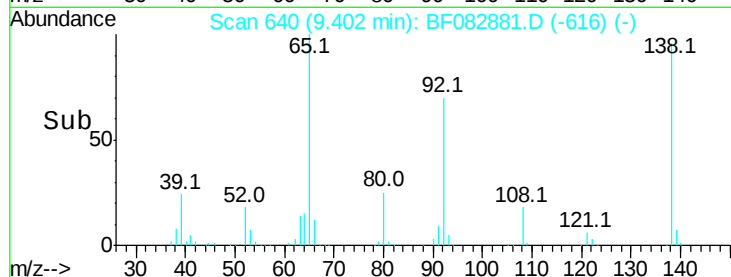
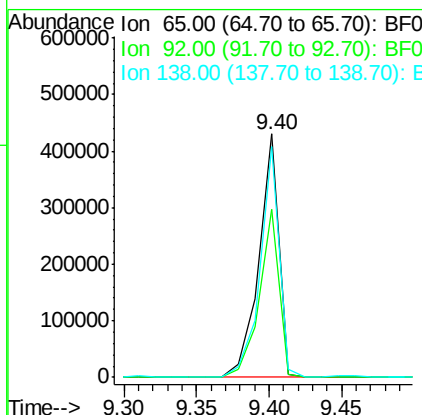
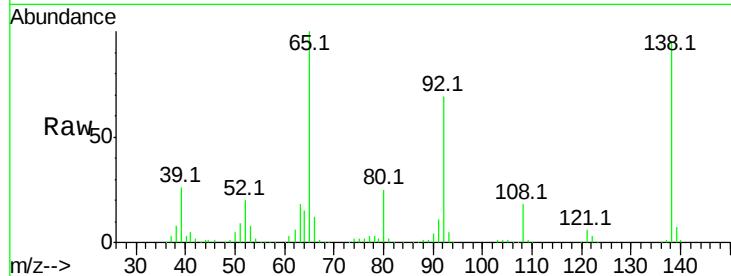




#47
 2-Nitroaniline
 Concen: 33.60 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

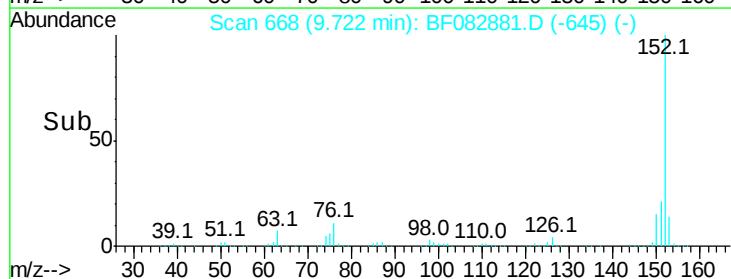
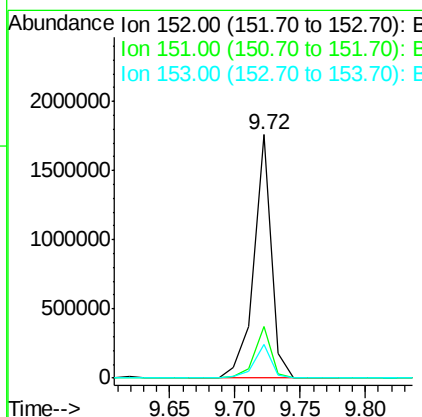
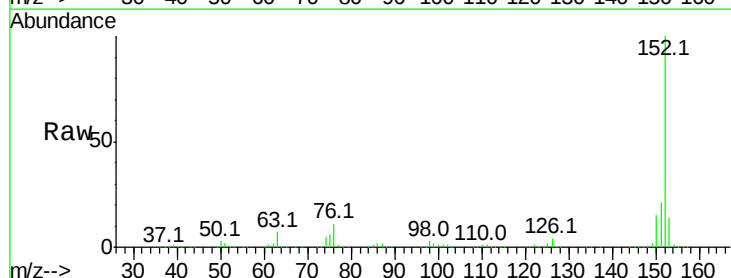
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

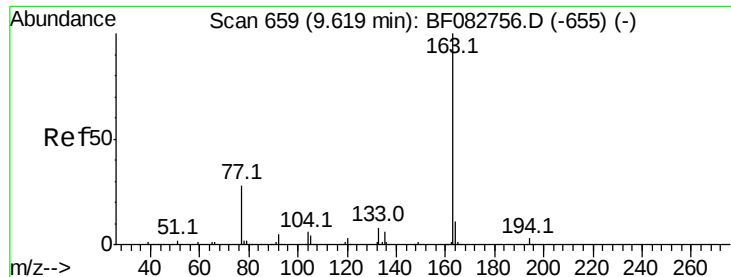
Tot Ion: 65 Resp: 411132
 Ion Ratio Lower Upper
 65 100
 92 69.2 46.6 70.0
 138 95.0 54.6 81.8#



#48
 Acenaphthylene
 Concen: 31.66 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion: 152 Resp: 1636505
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.3 25.9
 153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 31.98 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

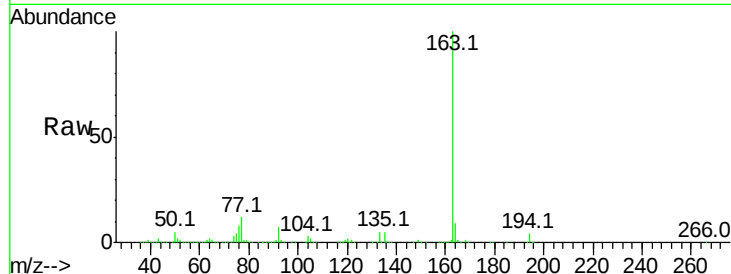
Tot Ion:163 Resp: 1291148

Ion Ratio Lower Upper

163 100

194 4.2 2.6 4.0#

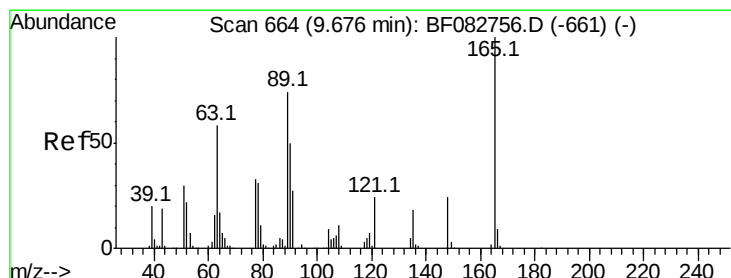
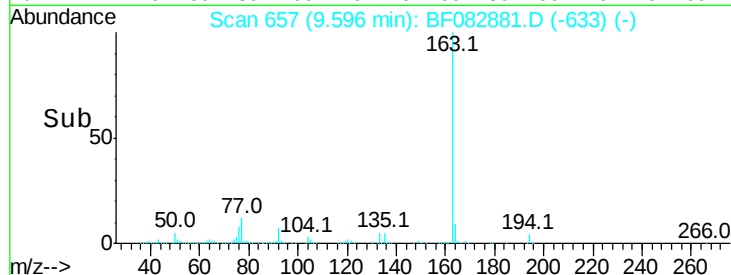
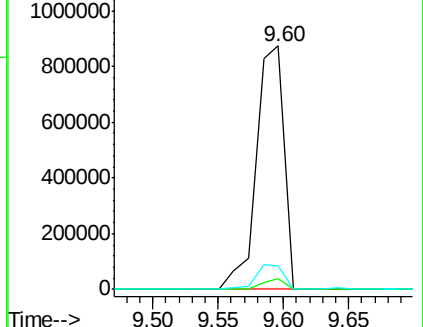
164 9.5 8.7 13.1



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: 30.02 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

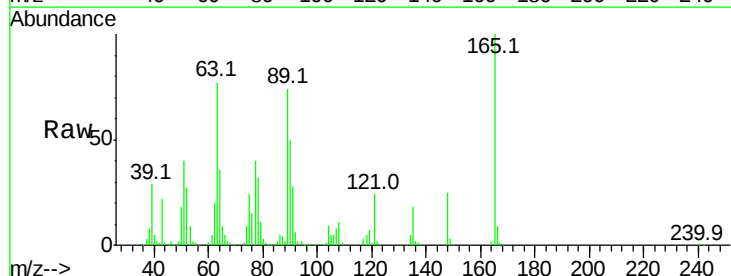
Tgt Ion:165 Resp: 258675

Ion Ratio Lower Upper

165 100

63 76.6 55.5 83.3

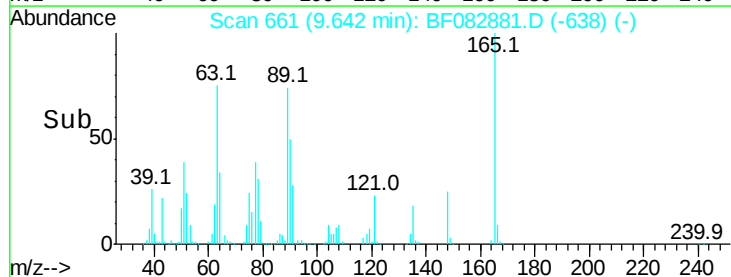
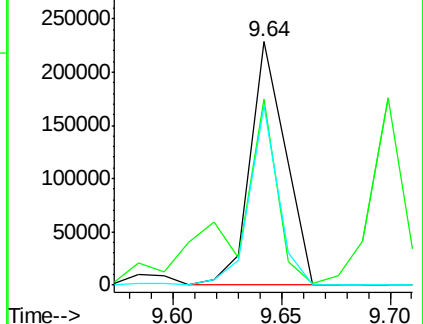
89 74.0 55.0 82.6

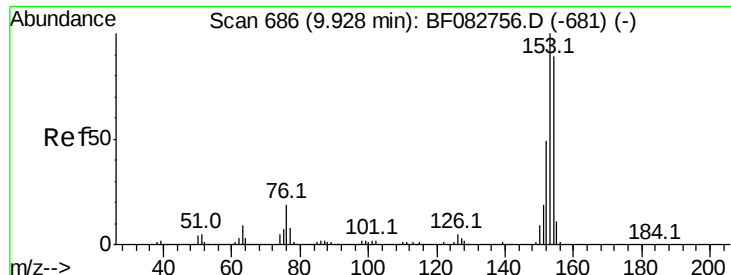


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.92 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

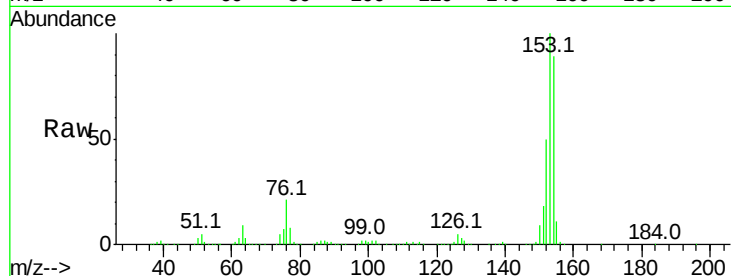
Tot Ion:154 Resp: 1078711

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

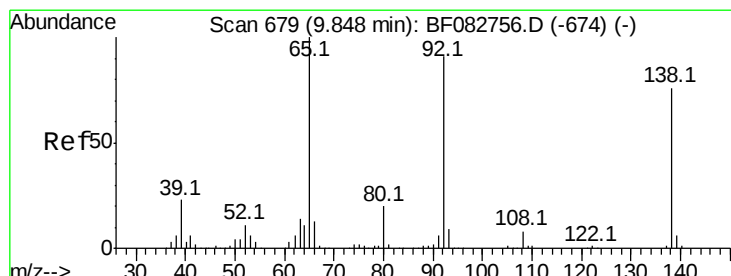
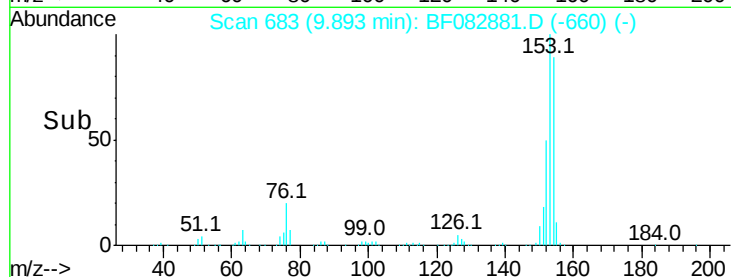
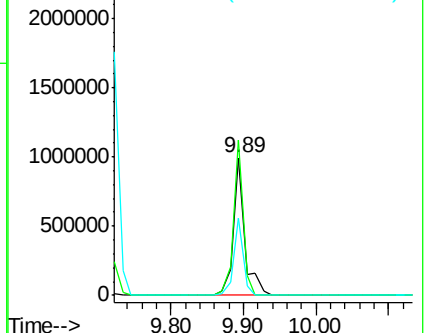
152 55.9 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.56 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

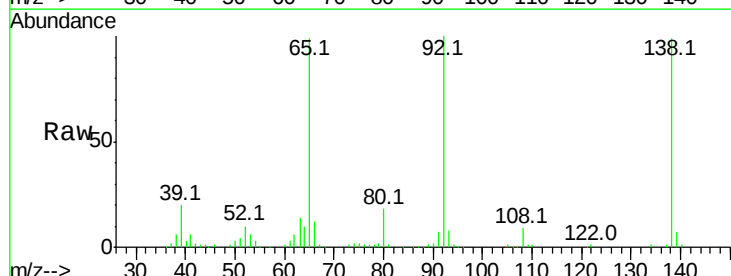
Tgt Ion:138 Resp: 166350

Ion Ratio Lower Upper

138 100

108 9.0 11.3 16.9#

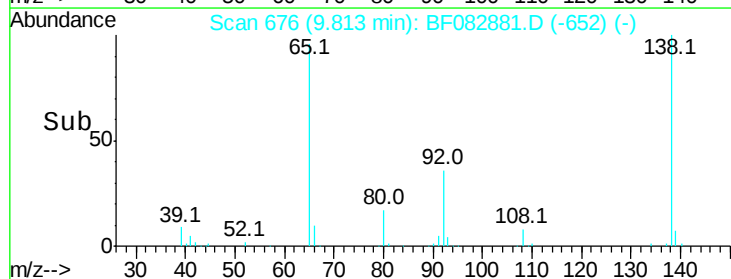
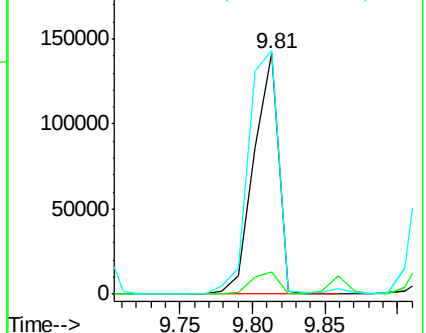
92 101.0 122.4 183.6#

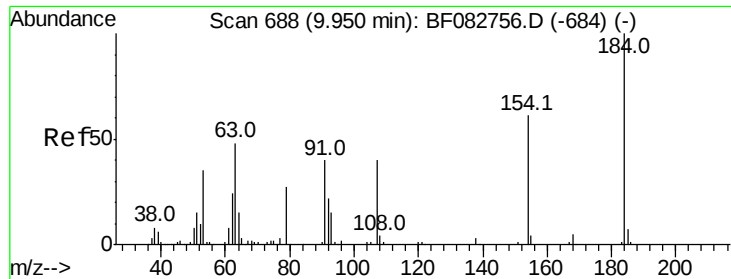


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 53.74 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

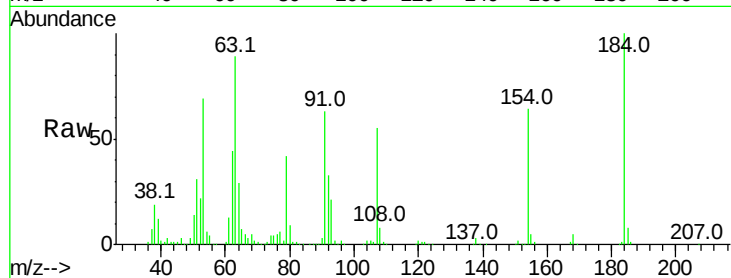
Tot Ion:184 Resp: 254186

Ion Ratio Lower Upper

184 100

63 88.5 98.6 148.0#

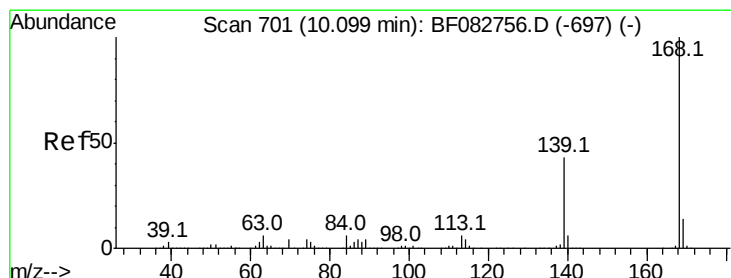
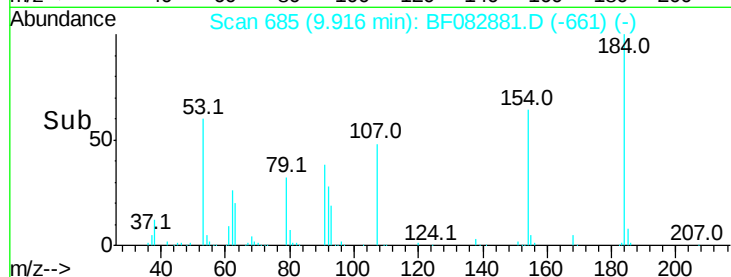
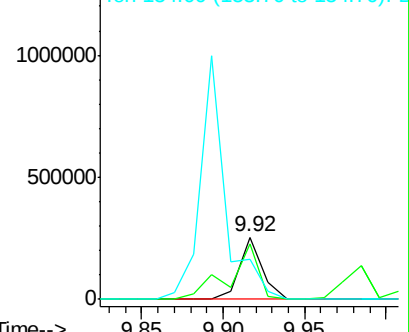
154 64.3 183.9 275.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 30.81 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

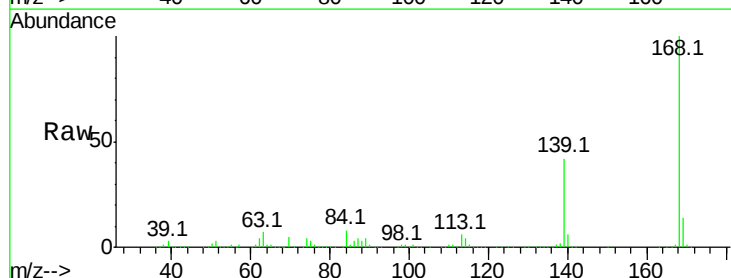
Tgt Ion:168 Resp: 1360887

Ion Ratio Lower Upper

168 100

139 42.1 37.8 56.6

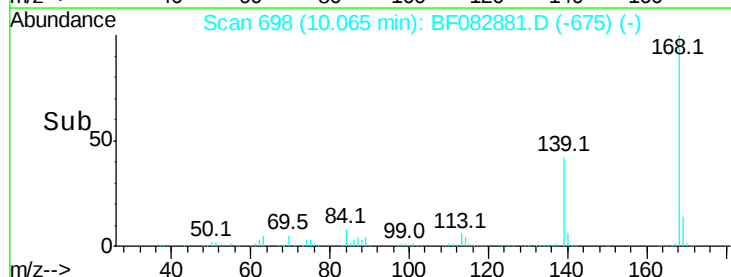
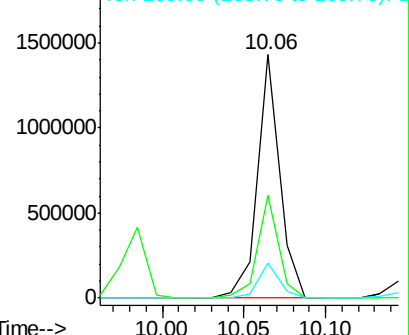
169 14.2 11.3 16.9

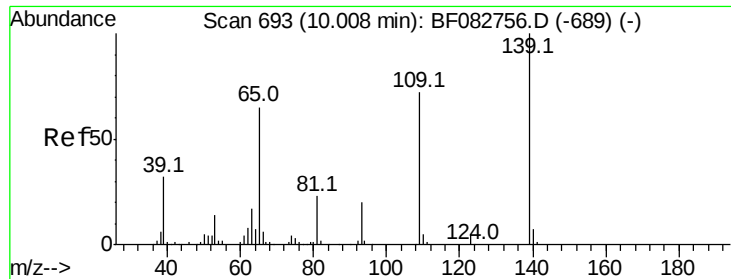


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

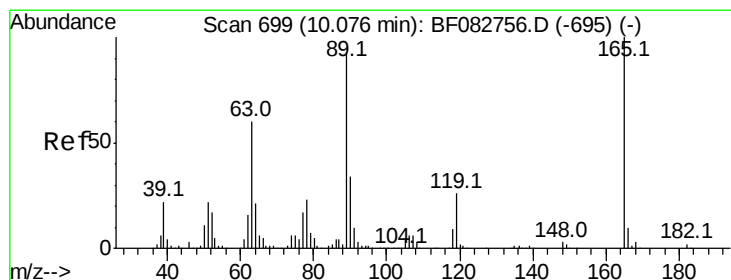
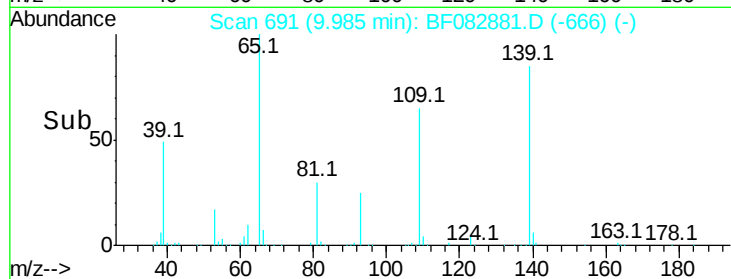
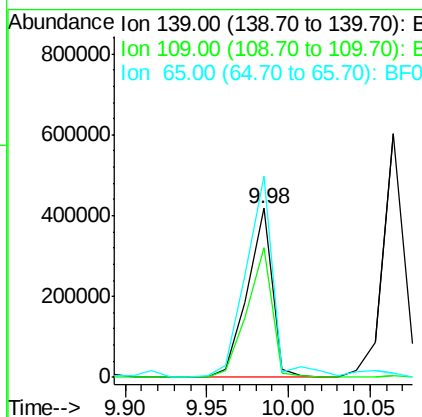
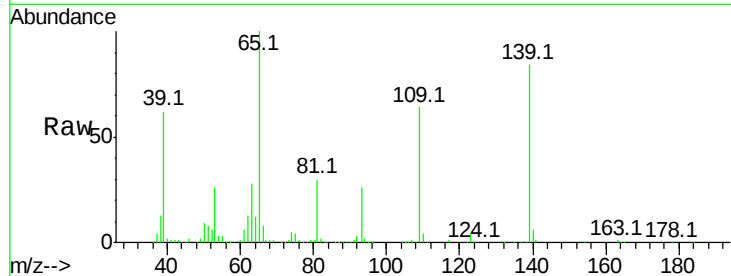




#55
4-Nitrophenol
Concen: 61.50 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

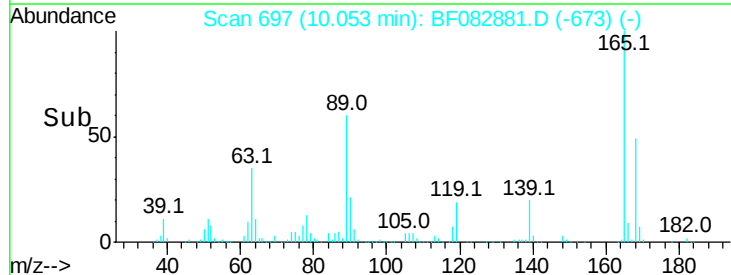
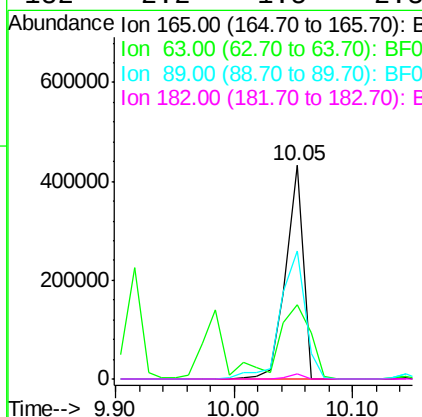
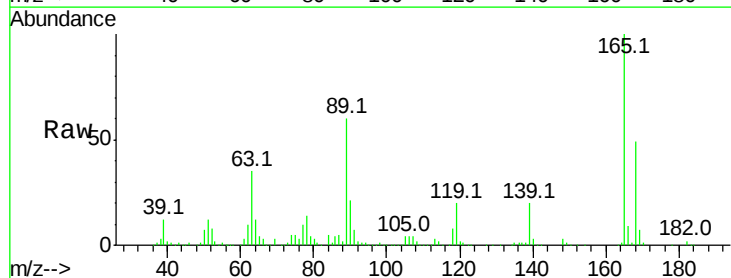
Instrument :
BNA_F
ClientSampleId :
PB86543BS

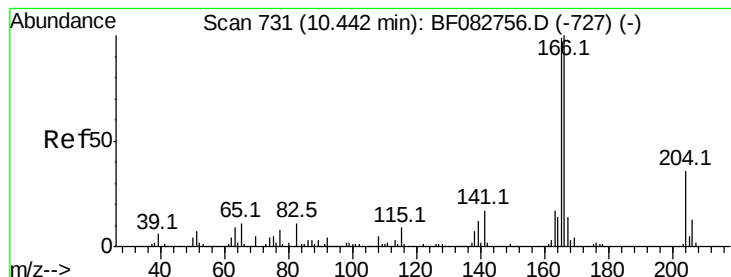
Tot Ion:139 Resp: 447010
Ion Ratio Lower Upper
139 100
109 77.1 73.7 113.7
65 119.6 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 37.29 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:165 Resp: 435942
Ion Ratio Lower Upper
165 100
63 35.0 43.4 65.0#
89 60.0 70.6 106.0#
182 2.2 1.5 2.3





#57

Fluorene

Concen: 30.17 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

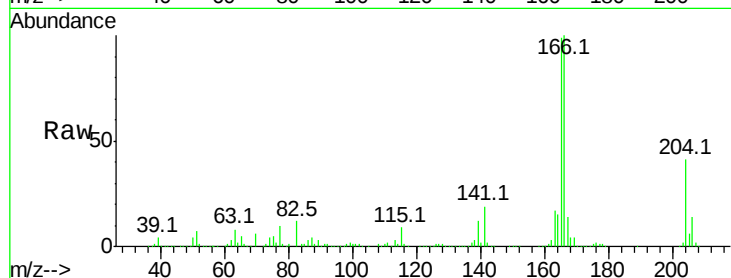
Tot Ion:166 Resp: 1079308

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

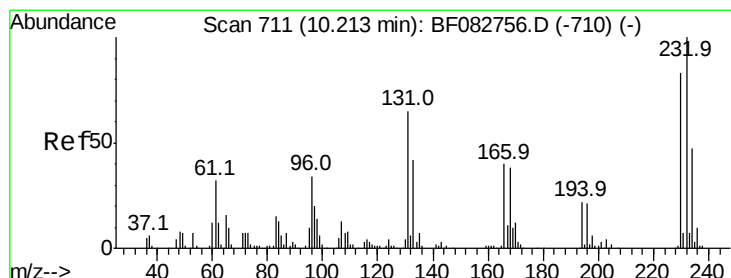
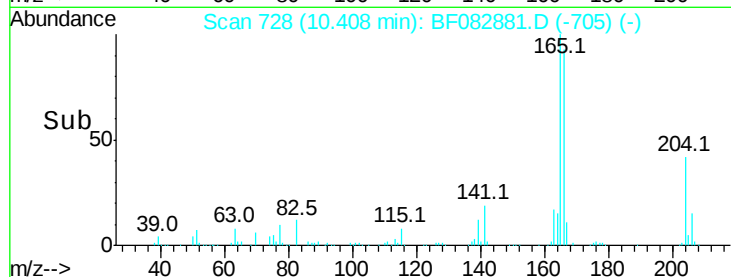
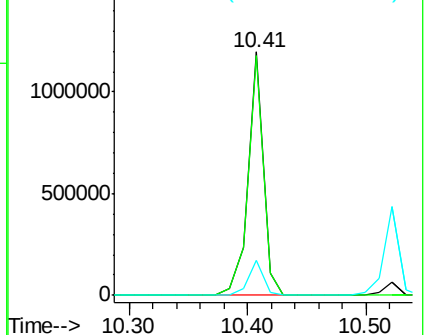
167 14.2 11.2 16.8



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: 34.81 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Tgt Ion:232 Resp: 339646

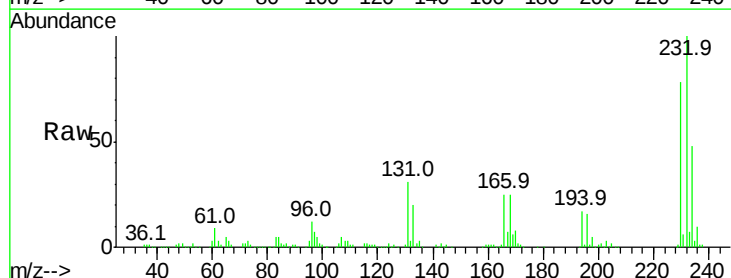
Ion Ratio Lower Upper

232 100

131 41.4 46.2 69.2#

130 1.9 2.4 3.6#

166 29.2 28.2 42.2

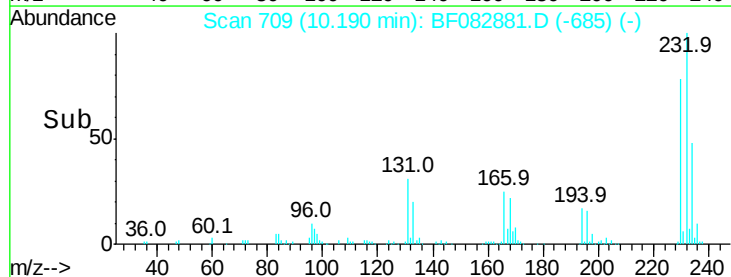
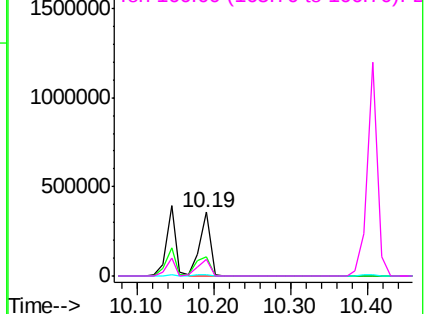


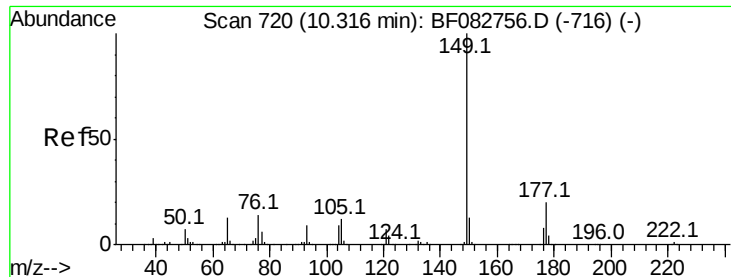
Abundance Ion 232.00 (231.70 to 232.70): E

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

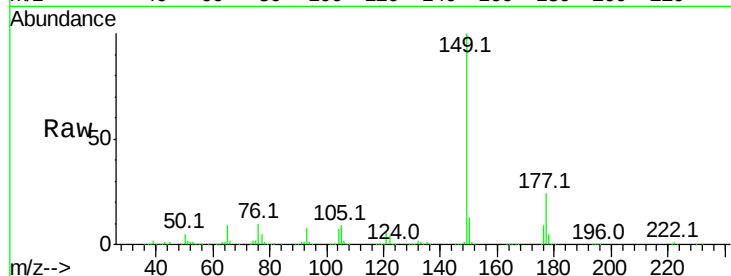




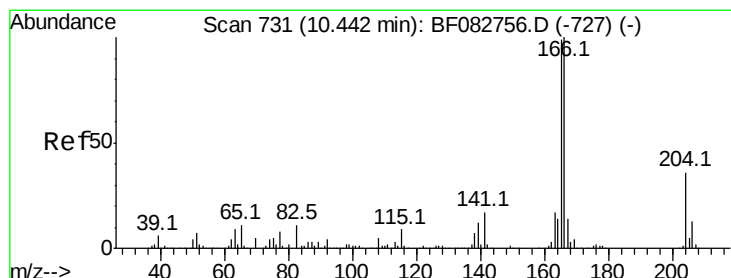
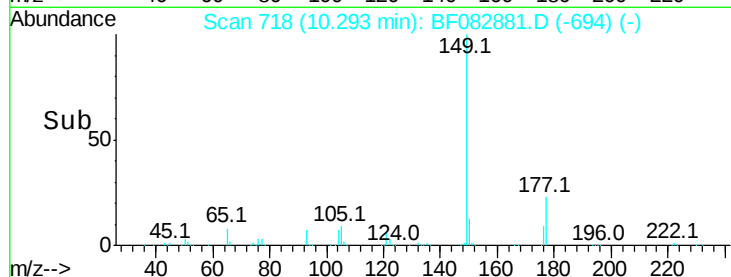
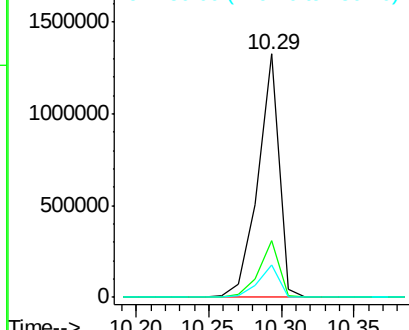
#59
Diethylphthalate
Concen: 34.03 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

Tot Ion:149 Resp: 1341460
Ion Ratio Lower Upper
149 100
177 23.5 17.9 26.9
150 13.2 10.1 15.1

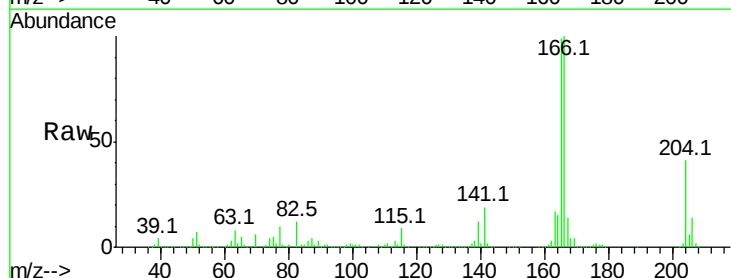


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

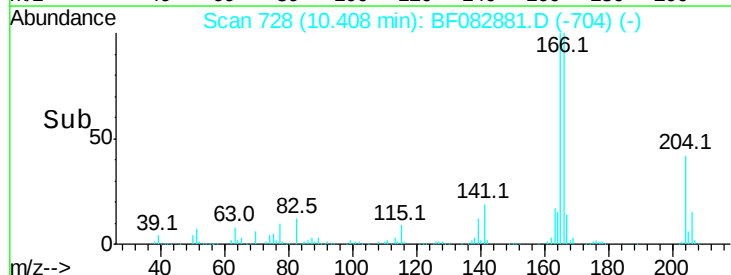
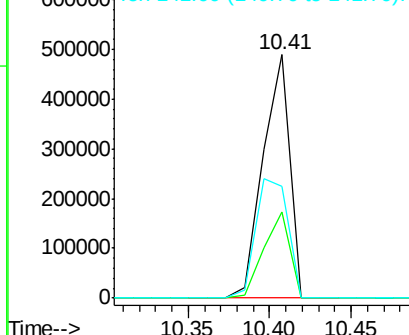


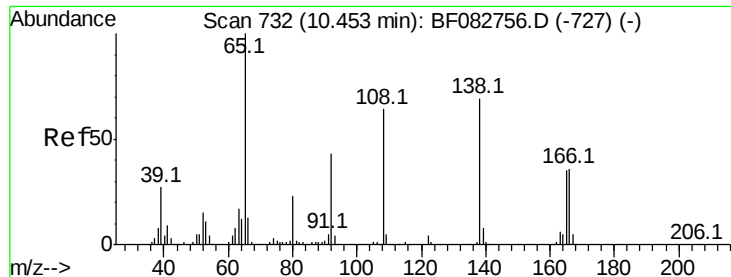
#60
4-Chlorophenyl-phenylether
Concen: 31.06 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:204 Resp: 555901
Ion Ratio Lower Upper
204 100
206 35.3 28.5 42.7
141 45.7 44.6 66.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

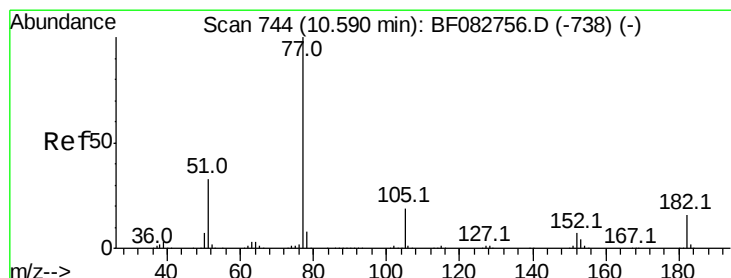
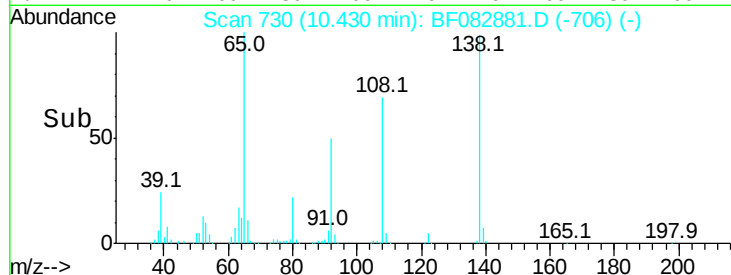
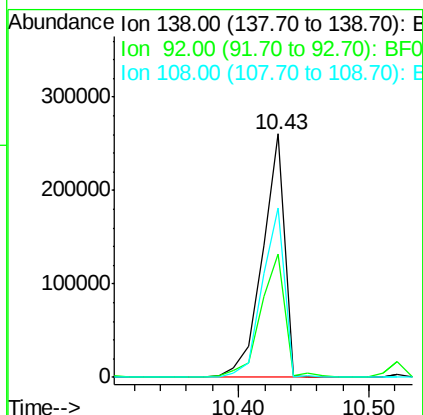
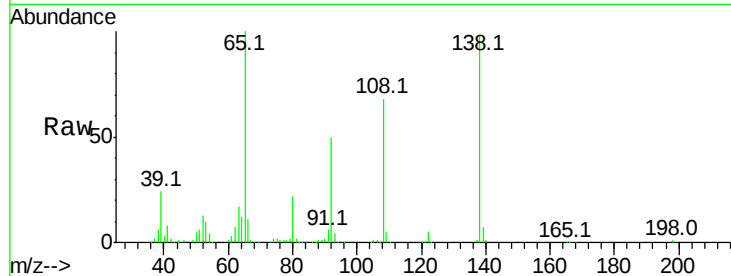




#61
4-Nitroaniline
Concen: 32.47 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

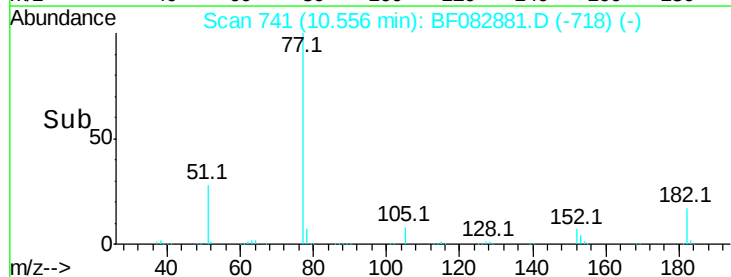
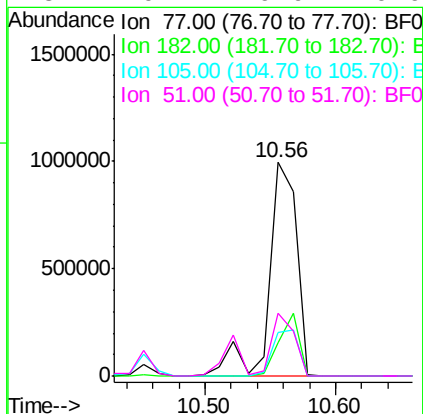
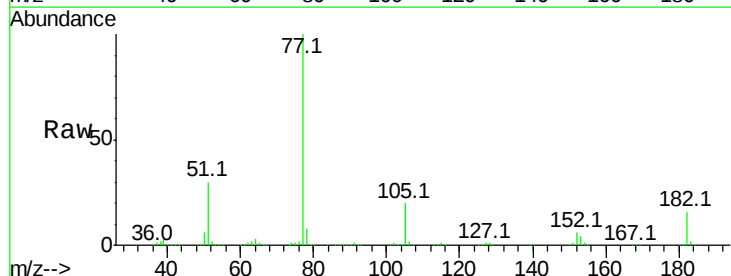
Instrument :
BNA_F
ClientSampleId :
PB86543BS

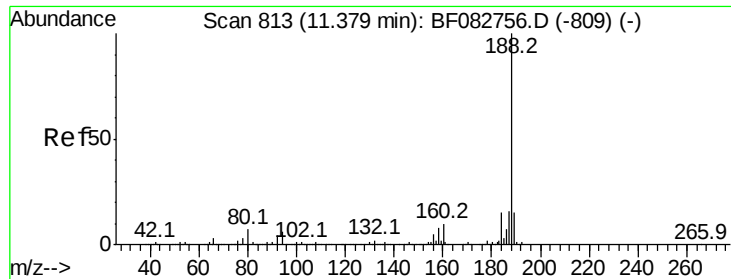
Tot Ion:138 Resp: 309399
Ion Ratio Lower Upper
138 100
92 50.5 45.8 85.8
108 69.6 89.4 129.4#



#62
Azobenzene
Concen: 35.03 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion: 77 Resp: 1483546
Ion Ratio Lower Upper
77 100
182 15.8 9.3 49.3
105 20.1 2.6 42.6
51 29.7 9.9 49.9

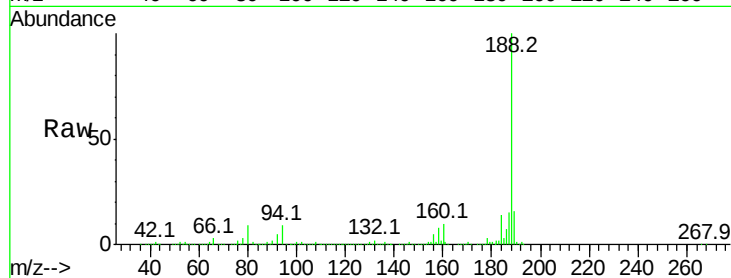




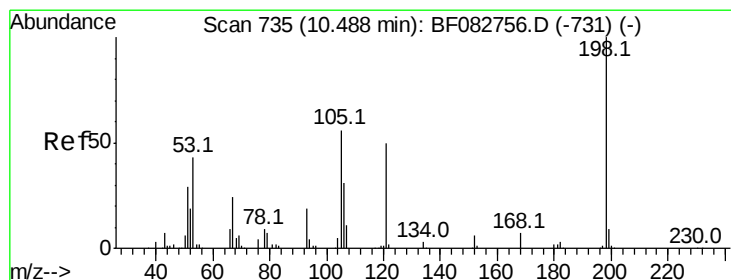
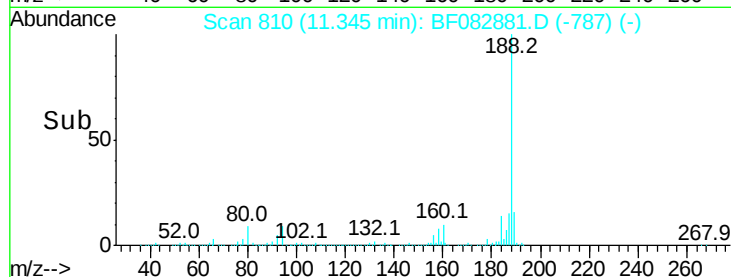
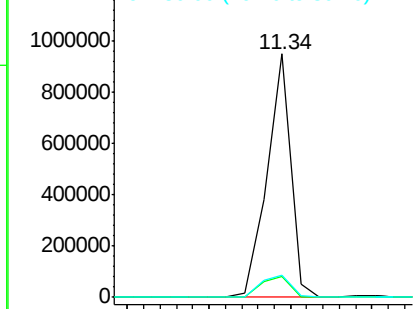
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

Tot Ion:188 Resp: 964265
Ion Ratio Lower Upper
188 100
94 8.5 6.1 9.1
80 9.1 7.0 10.6

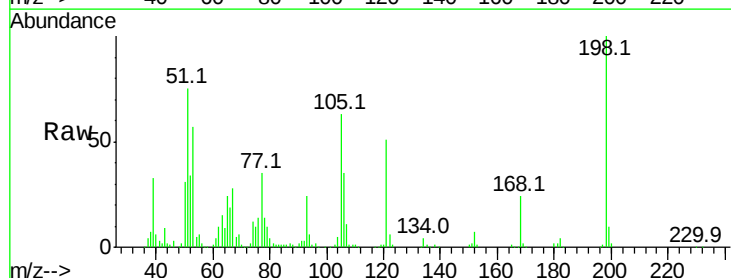


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

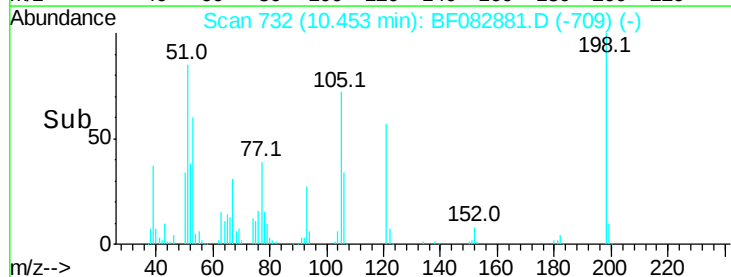
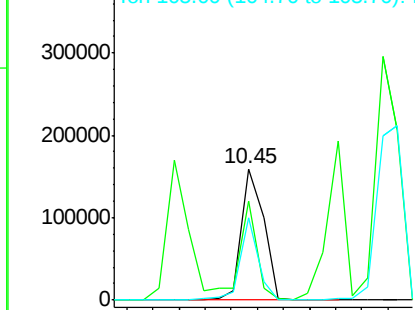


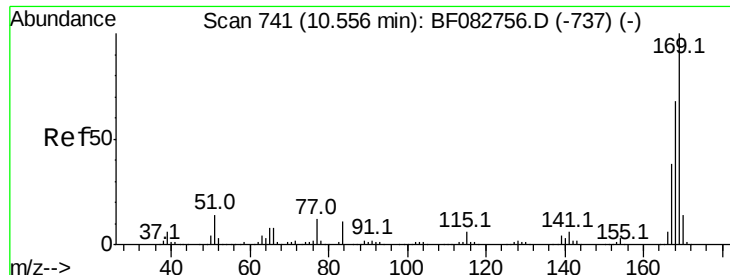
#64
4,6-Dinitro-2-methylphenol
Concen: 27.52 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:198 Resp: 189085
Ion Ratio Lower Upper
198 100
51 75.3 17.3 57.3#
105 63.0 21.7 61.7#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

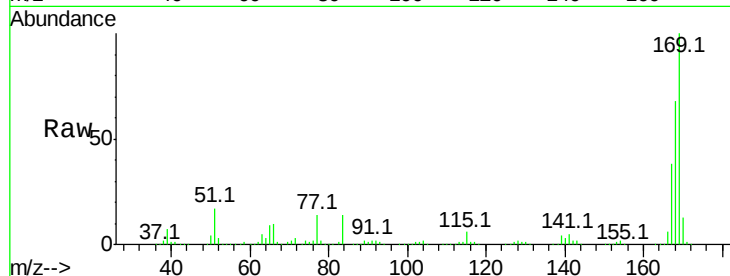




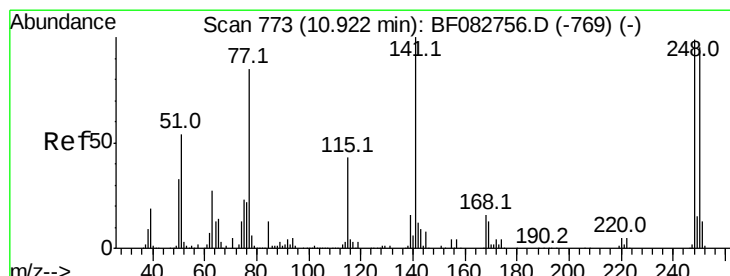
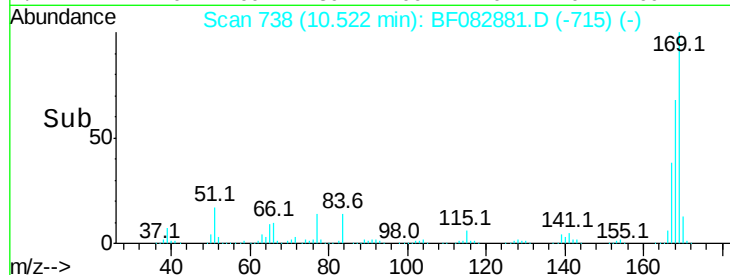
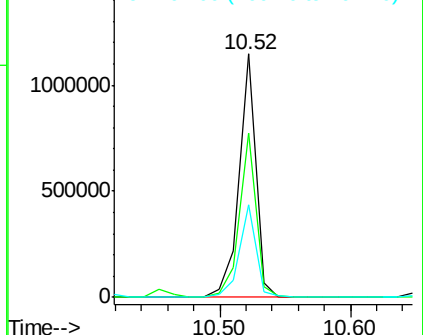
#65
n-Nitrosodiphenylamine
Concen: 29.15 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

Tot Ion:169 Resp: 1015293
Ion Ratio Lower Upper
169 100
168 67.7 55.0 82.6
167 38.0 30.5 45.7

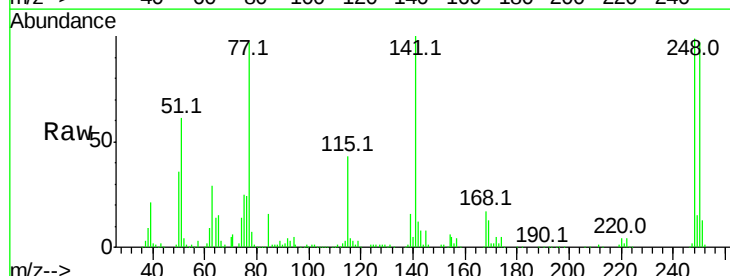


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

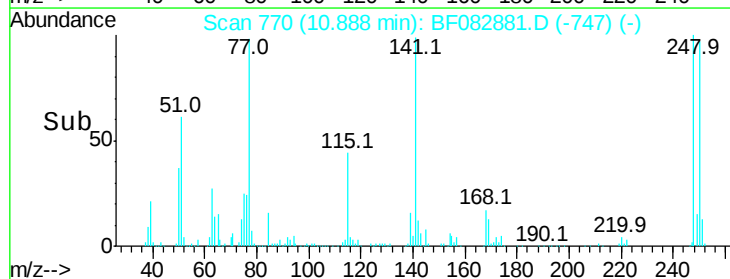
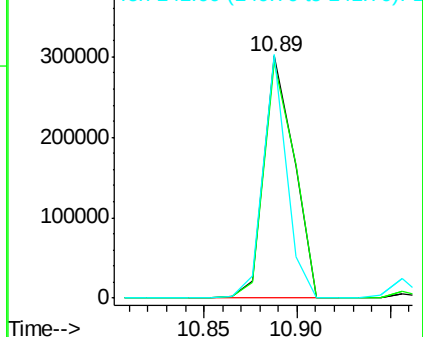


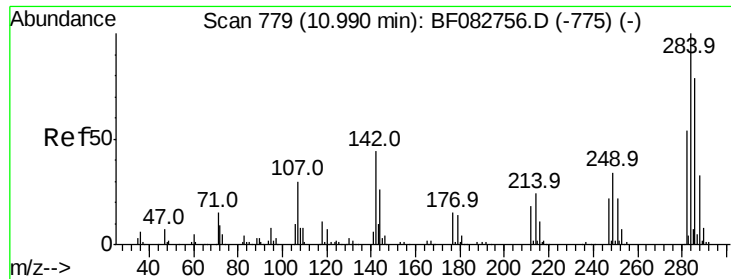
#66
4-Bromophenyl-phenylether
Concen: 28.90 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:248 Resp: 335547
Ion Ratio Lower Upper
248 100
250 97.6 79.4 119.2
141 100.7 36.3 54.5#



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

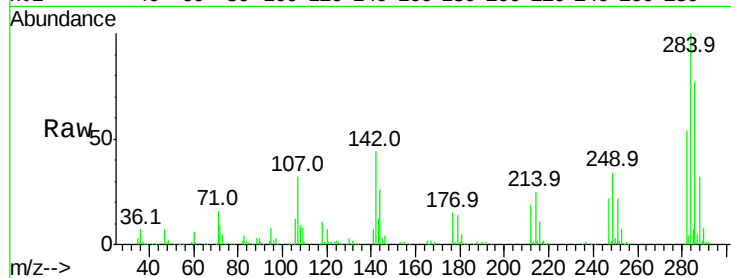




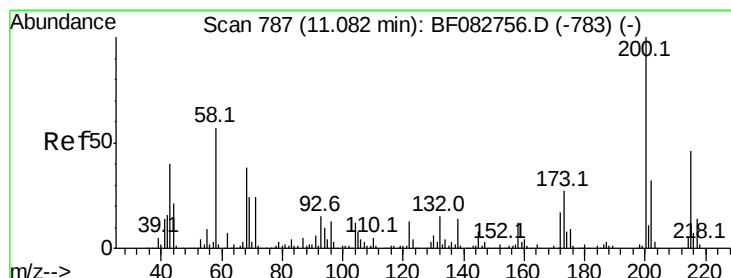
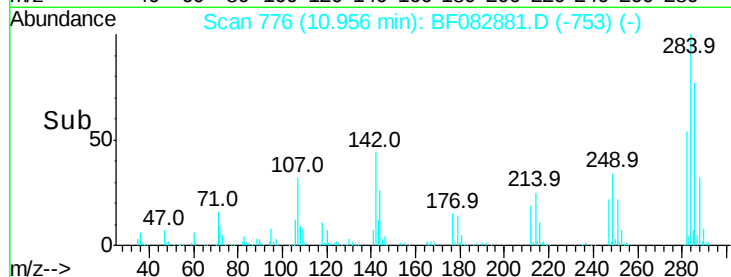
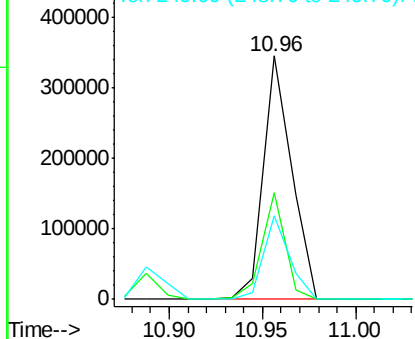
#67
Hexachlorobenzene
Concen: 27.72 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.0	47.9	71.9#
249	34.4	29.7	44.5

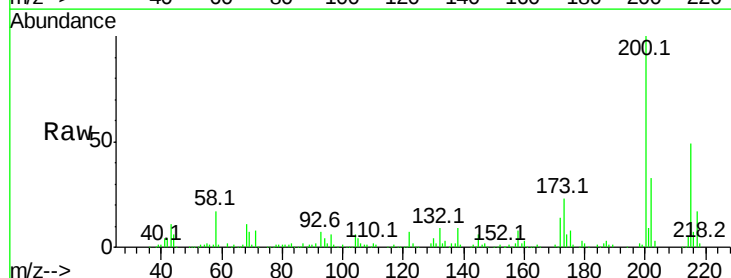


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

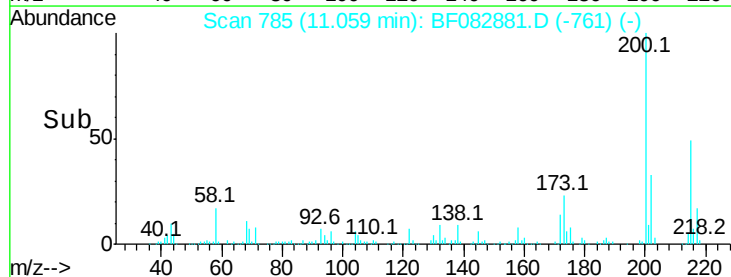
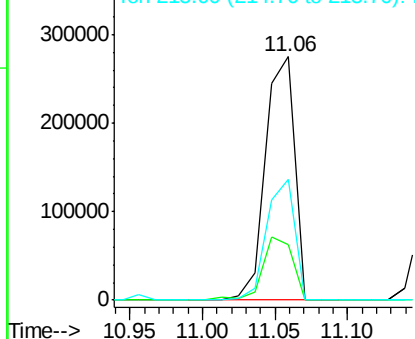


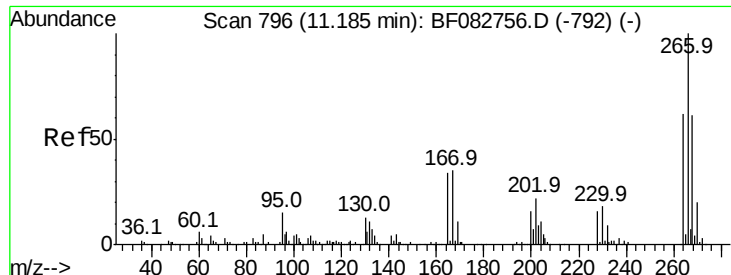
#68
Atrazine
Concen: 35.45 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.0	6.9	46.9
215	49.4	22.9	62.9



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

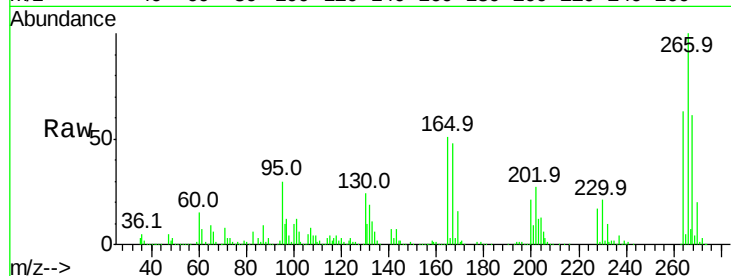




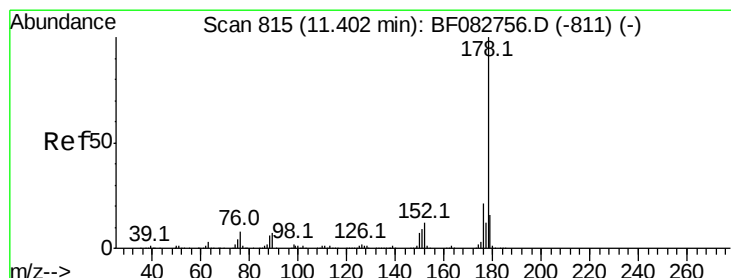
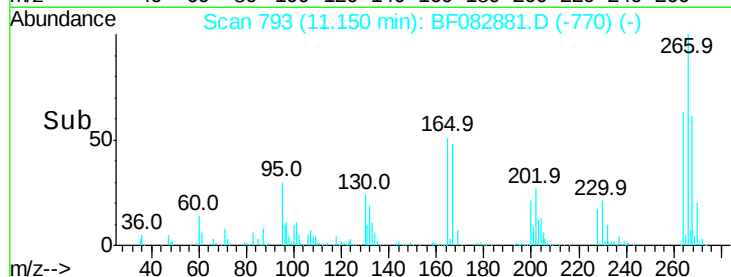
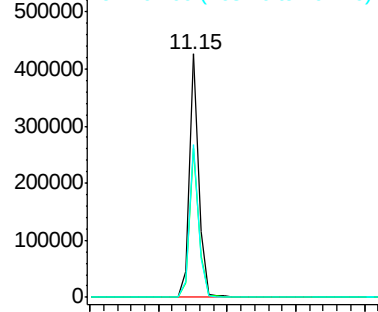
#69
 Pentachlorophenol
 Concen: 53.13 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Instrument :
 BNA_F
 ClientSampled :
 PB86543BS

Tot Ion:266 Resp: 418278
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.0 76.6
 264 62.9 50.6 75.8

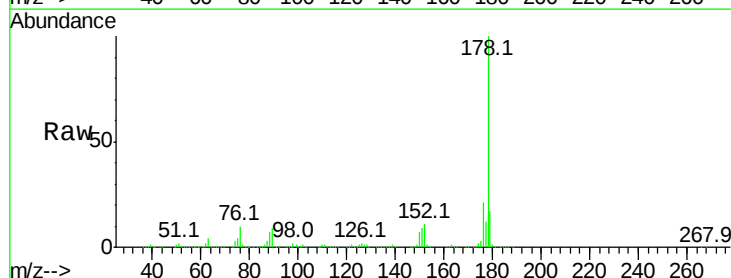


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

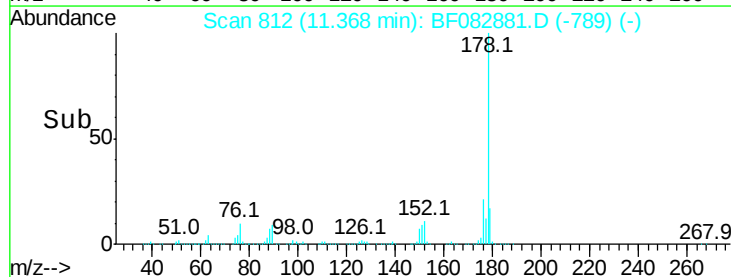
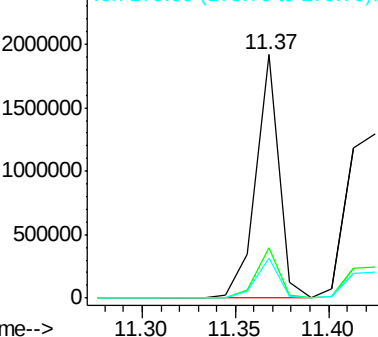


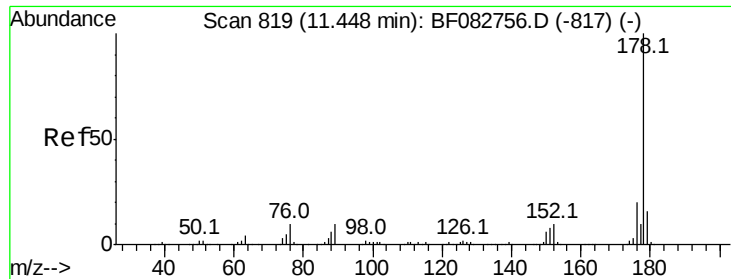
#70
 Phenanthrene
 Concen: 29.74 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion:178 Resp: 1665180
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.4
 179 16.6 13.4 20.0



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

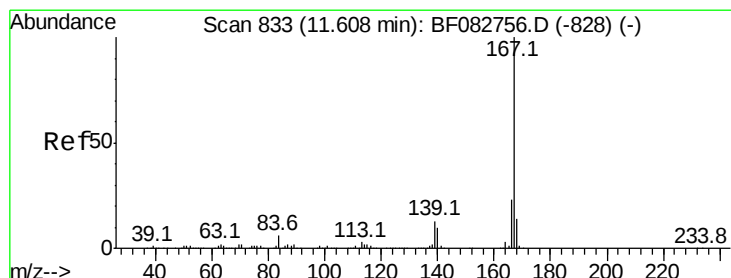
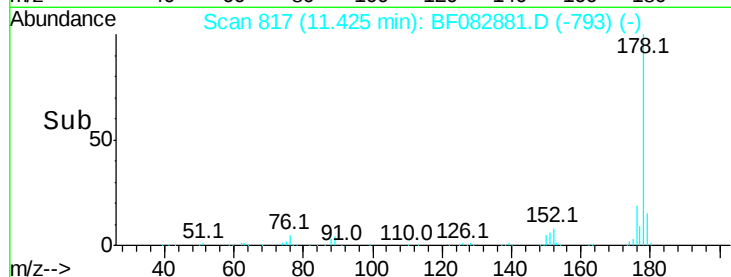
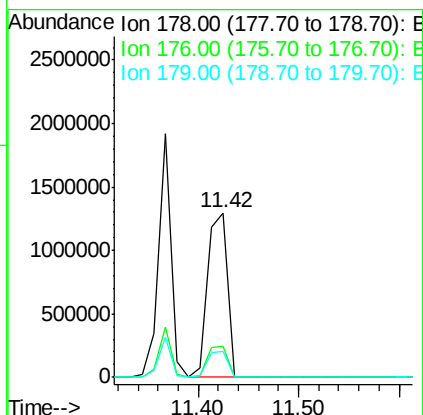
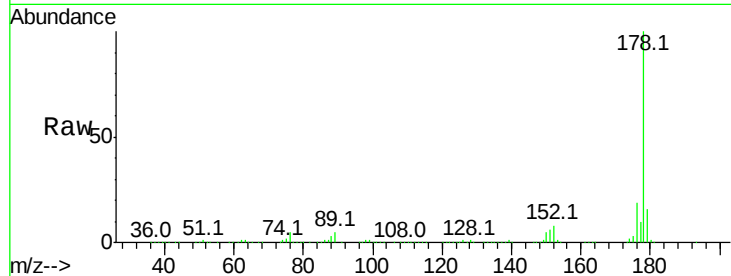




#71
 Anthracene
 Concen: 29.92 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

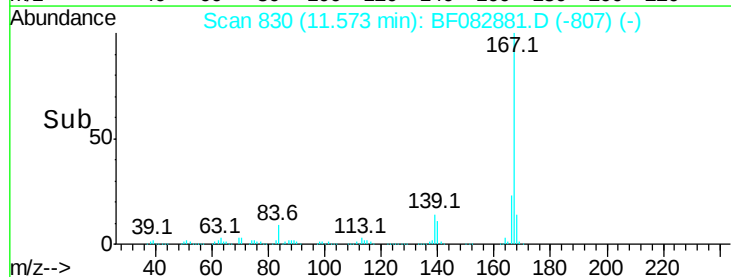
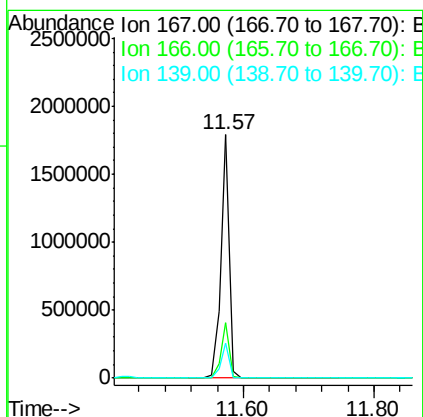
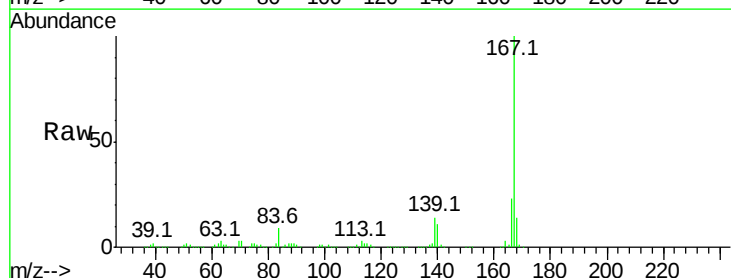
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

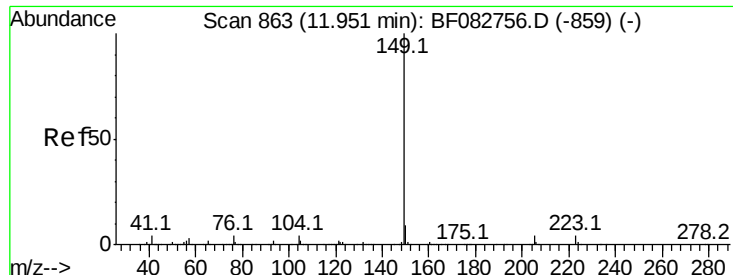
Tot Ion:178 Resp: 1764931
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.5 24.7
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 31.51 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion:167 Resp: 1626975
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 14.2 11.8 17.6





#73

Di-n-butylphthalate

Concen: 33.24 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

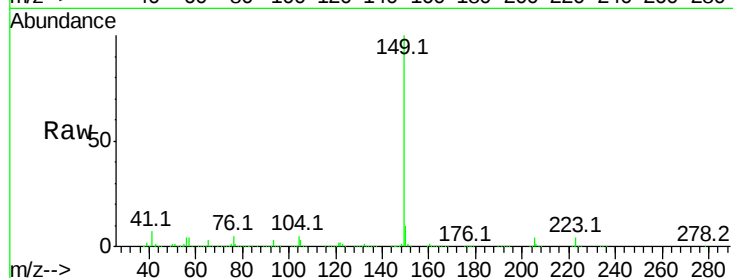
Tot Ion:149 Resp: 2138594

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

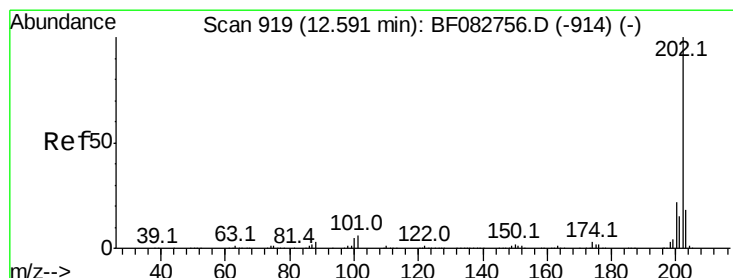
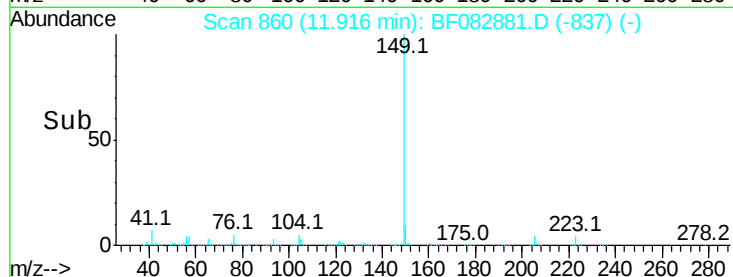
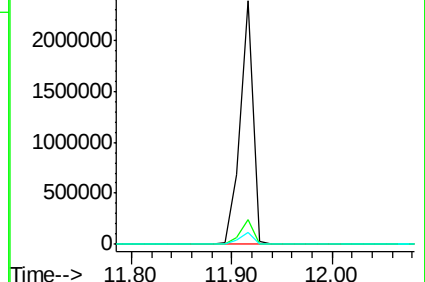
104 5.1 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.73 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

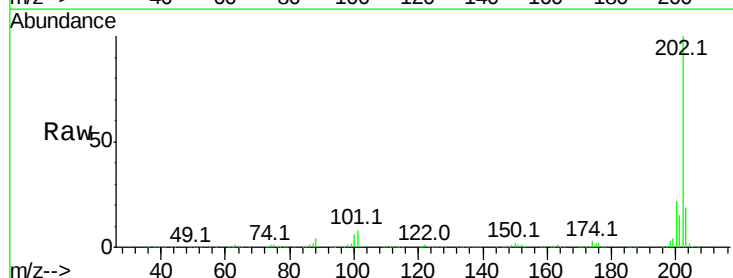
Tgt Ion:202 Resp: 1906576

Ion Ratio Lower Upper

202 100

101 8.4 0.0 30.5

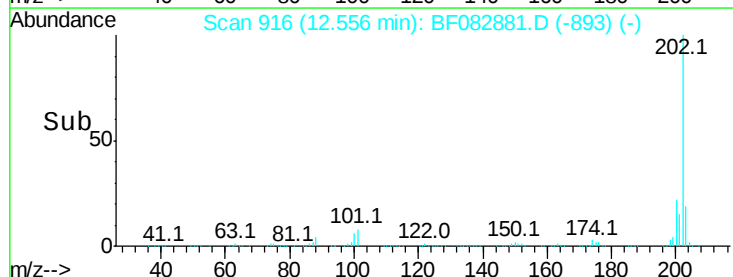
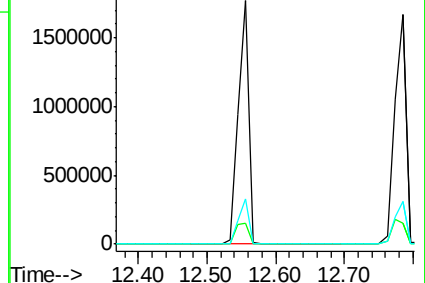
203 18.6 0.0 38.5

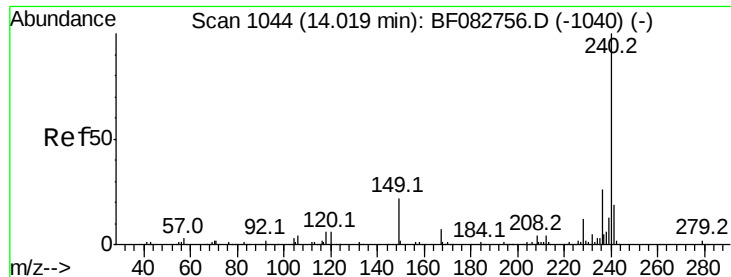


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

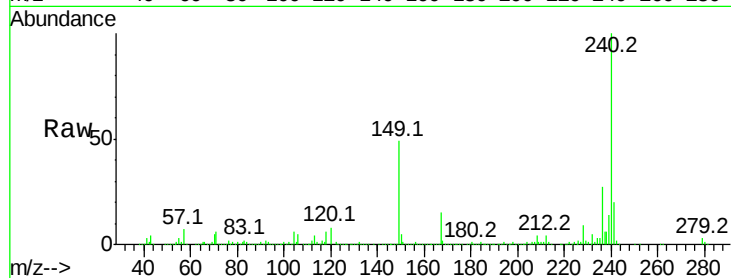
Tot Ion:240 Resp: 763905

Ion Ratio Lower Upper

240 100

120 7.6 10.9 16.3#

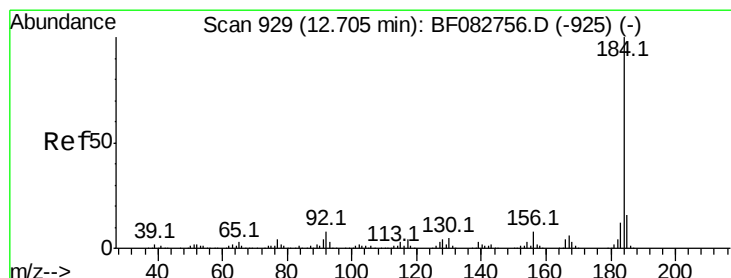
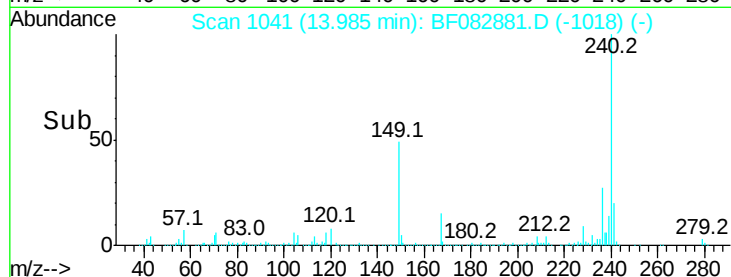
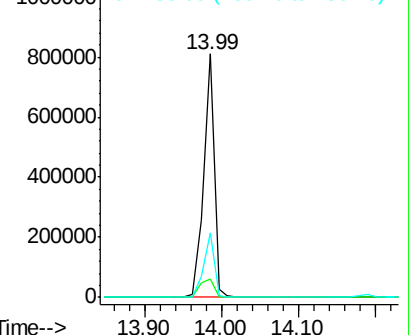
236 26.6 21.6 32.4



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: 32.80 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

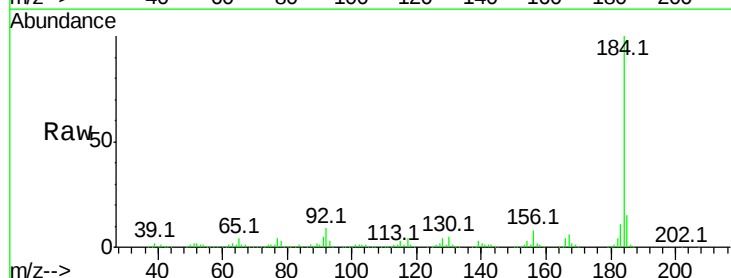
Tgt Ion:184 Resp: 839803

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

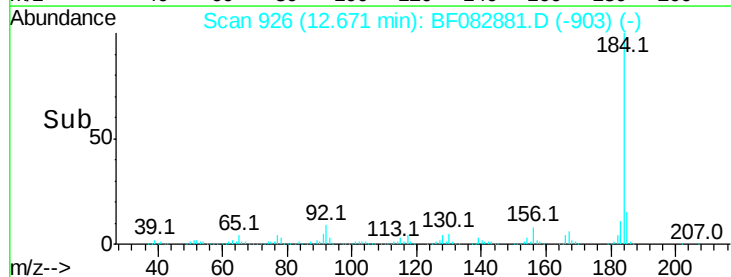
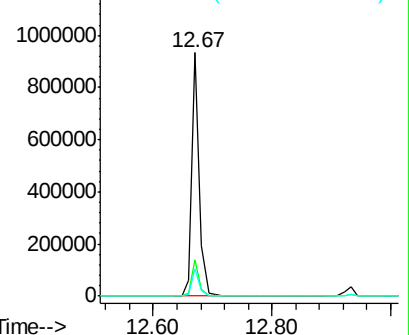
183 11.2 9.6 14.4

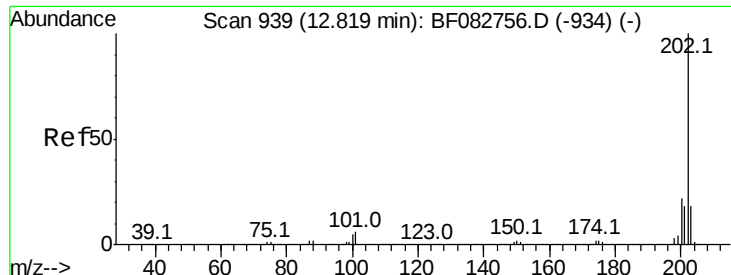


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



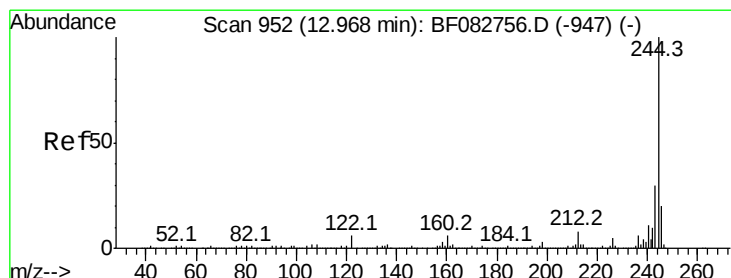
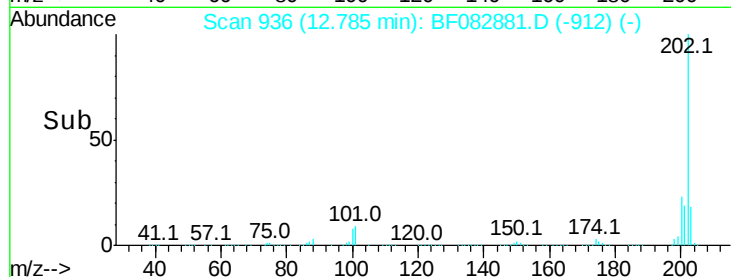
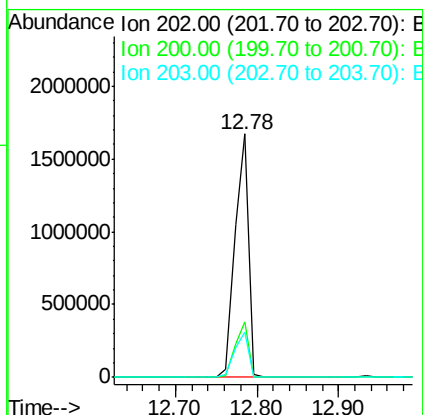
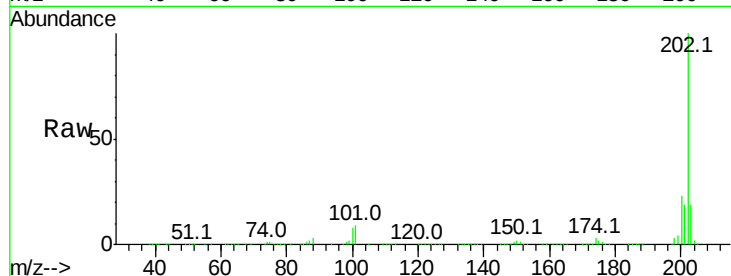


#77
Pvrene
Concen: 36.72 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB86543BS

Tot Ion:202 Resp: 1926464

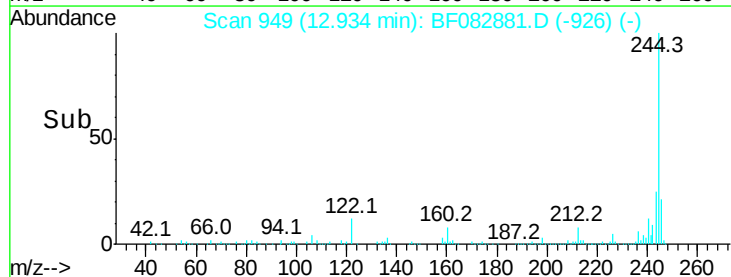
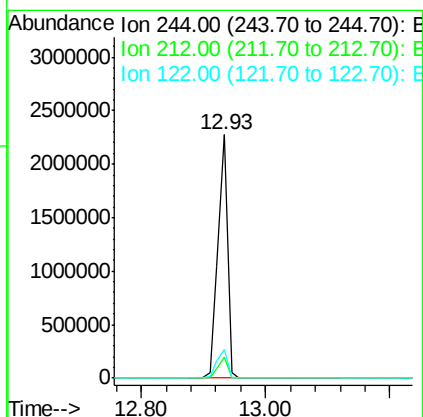
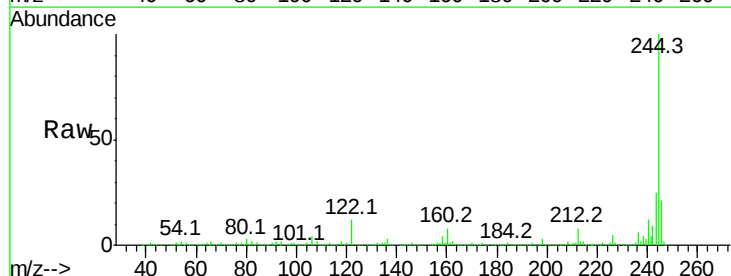
Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.7	28.1
203	18.8	14.8	22.2

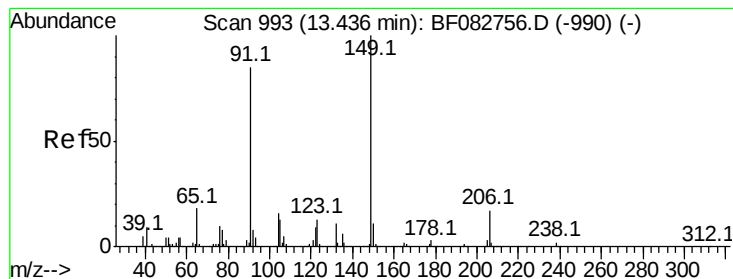


#78
Terphenyl-d14
Concen: 73.31 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:244 Resp: 2361019

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.6	11.4
122	11.5	11.3	16.9





#79

Butylbenzylphthalate

Concen: 42.40 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

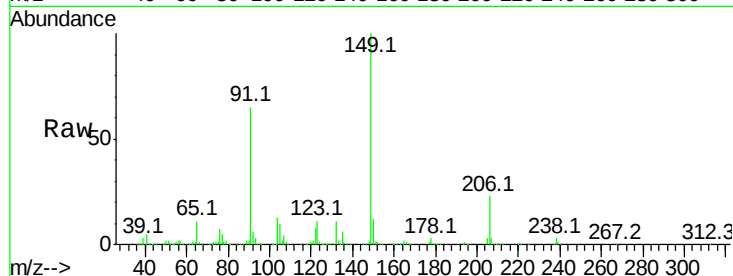
Tot Ion:149 Resp: 982556

Ion Ratio Lower Upper

149 100

91 64.5 67.7 101.5#

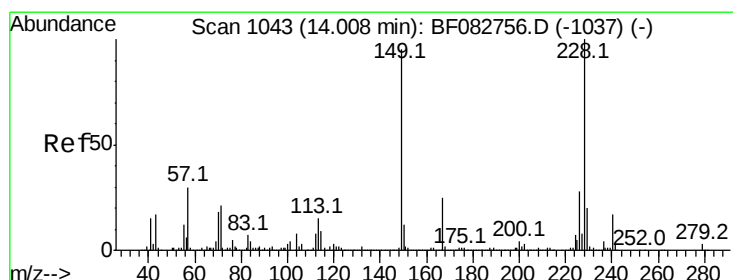
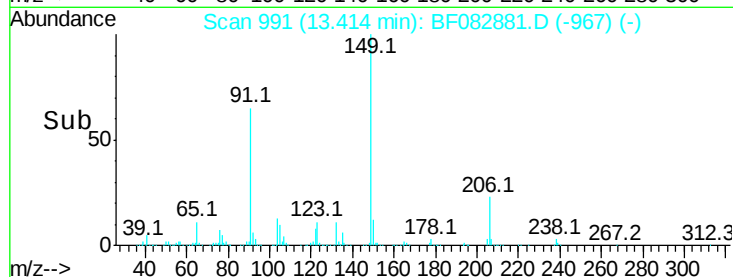
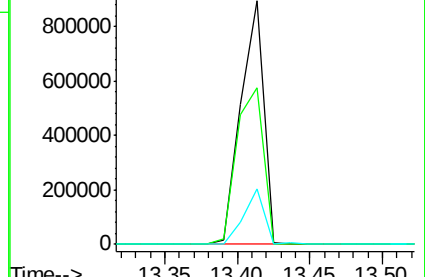
206 22.7 14.6 22.0#



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: 32.75 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

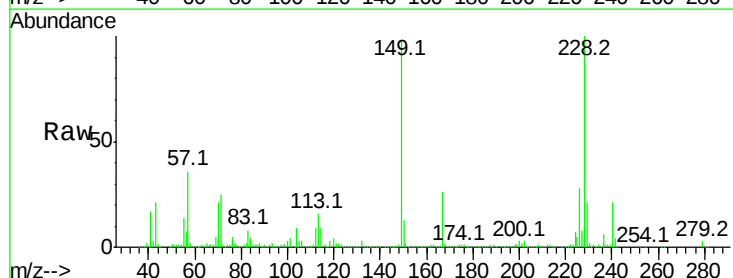
Tgt Ion:228 Resp: 1564587

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

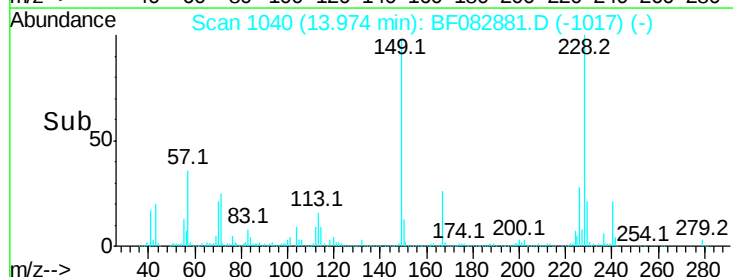
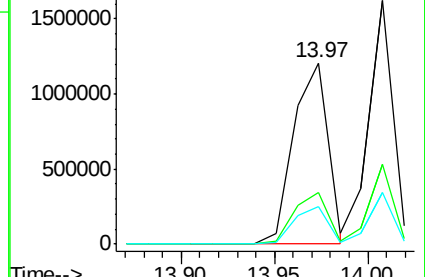
229 20.7 16.3 24.5

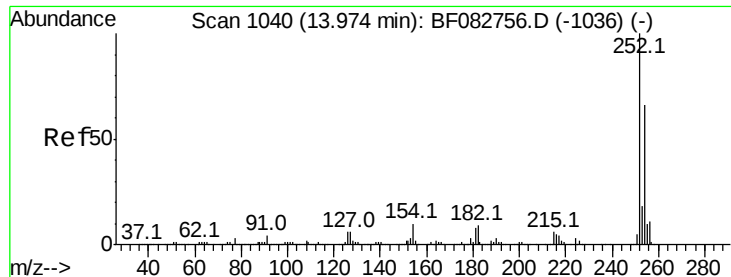


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

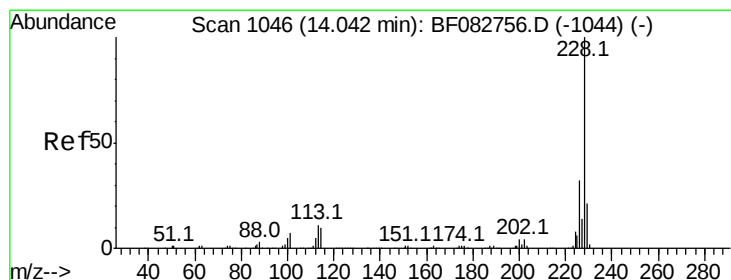
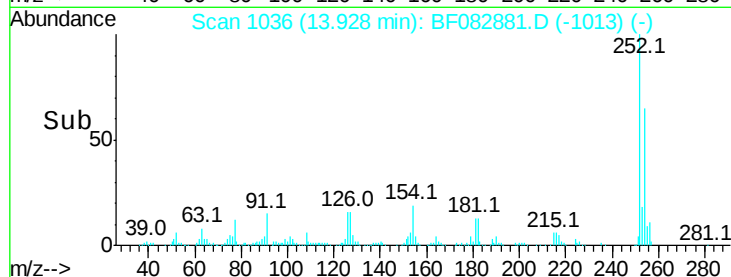
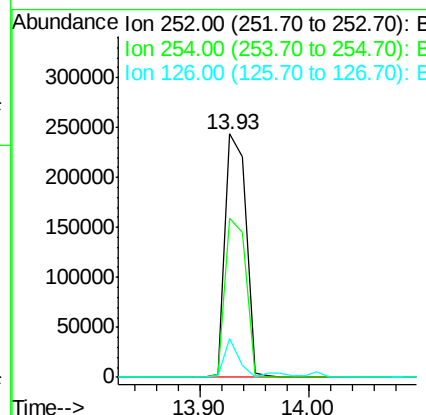
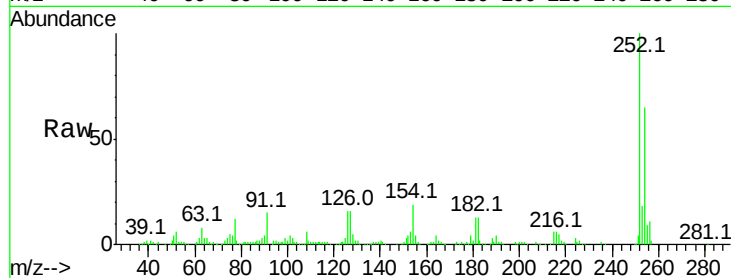




#81
 3,3'-Dichlorobenzidine
 Concen: 19.15 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

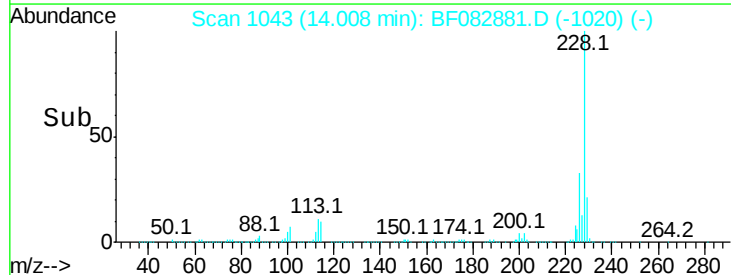
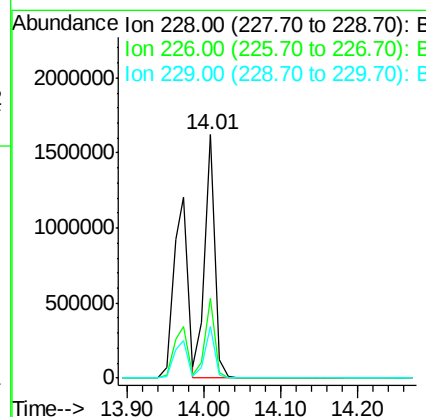
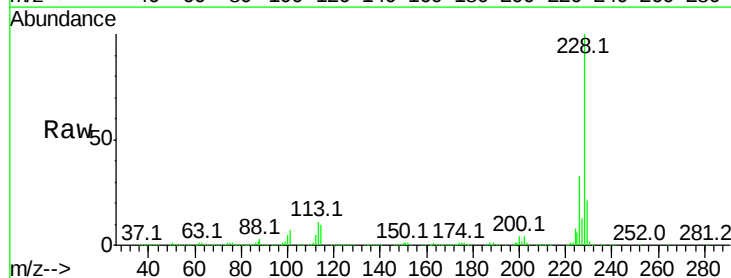
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

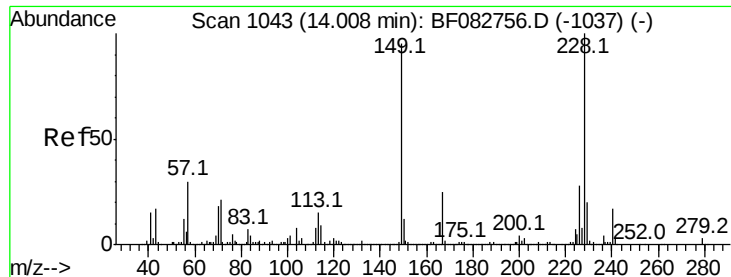
Tot Ion:252 Resp: 325234
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.4 77.0
 126 16.1 10.7 16.1#



#82
 Chrysene
 Concen: 33.57 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion:228 Resp: 1468855
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.5 38.3
 229 21.1 16.3 24.5

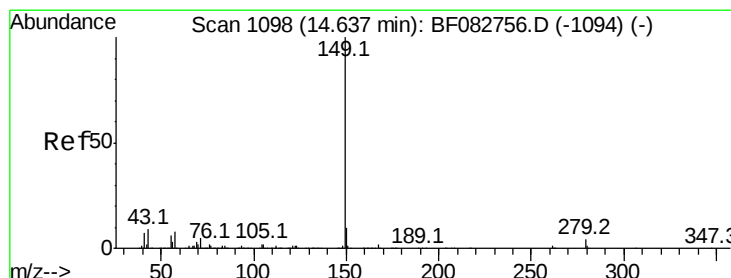
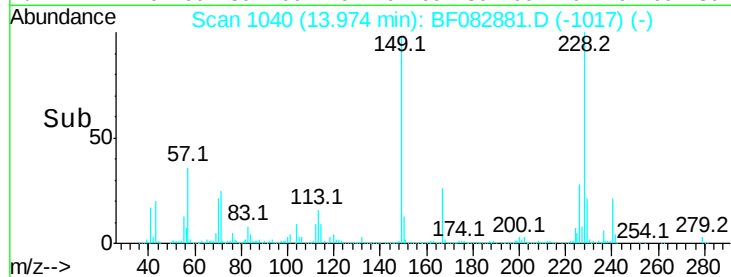
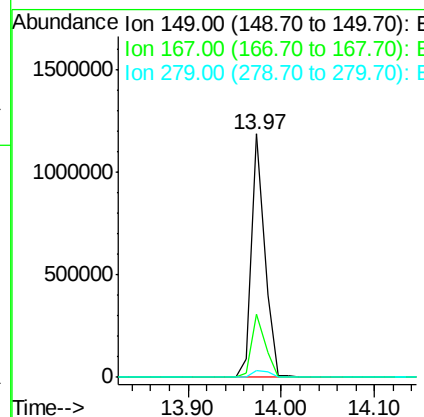
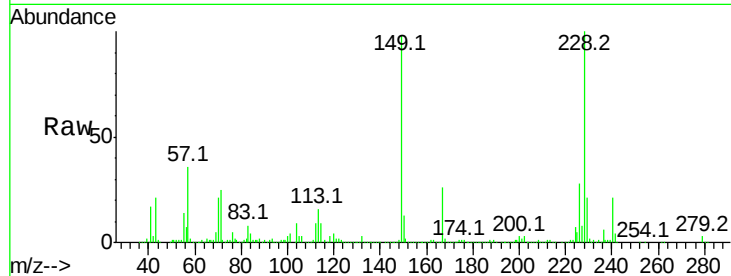




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.64 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

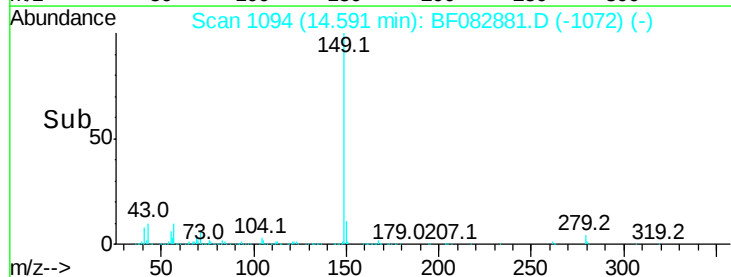
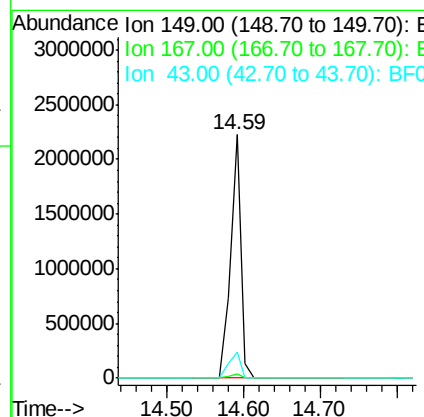
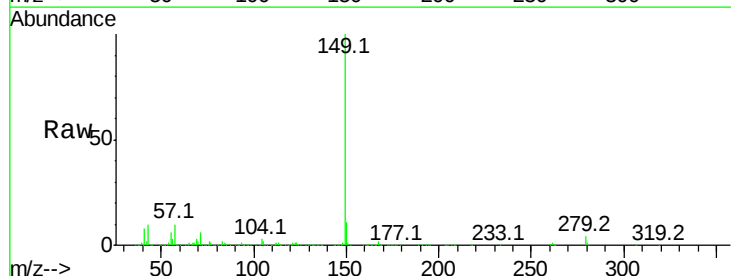
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BS

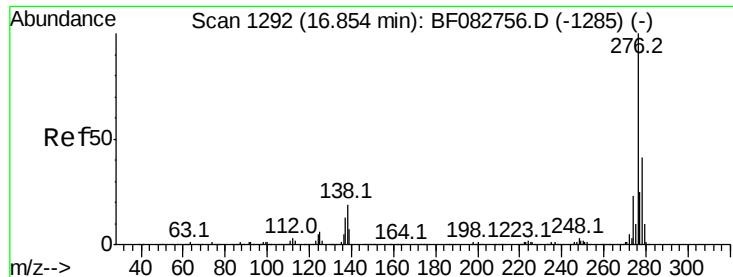
Tot Ion:149 Resp: 1162416
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.2 31.8
 279 2.5 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 40.36 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF082881.D
 Acq: 10 Nov 2015 20:45

Tgt Ion:149 Resp: 2135766
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.0 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.39 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.08 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

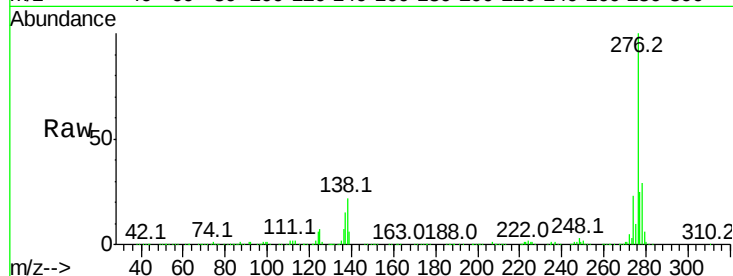
Tot Ion:276 Resp: 1295699

Ion Ratio Lower Upper

276 100

138 24.0 15.3 22.9#

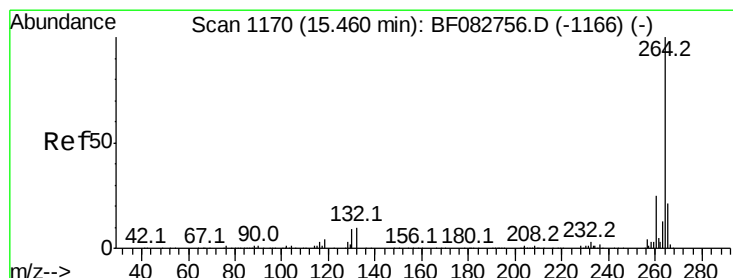
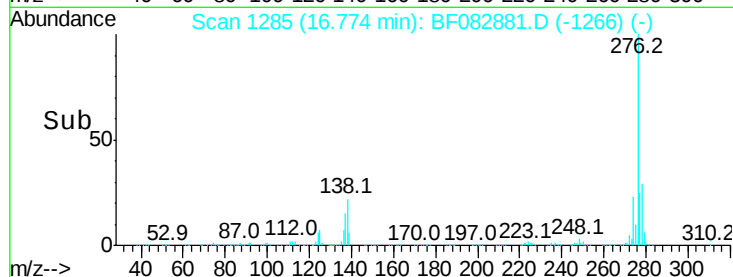
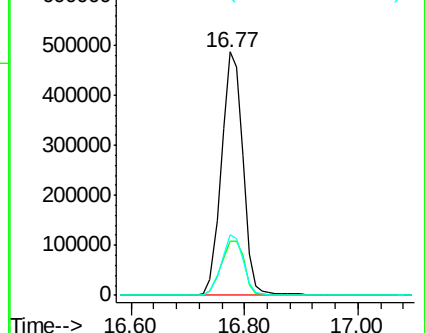
277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

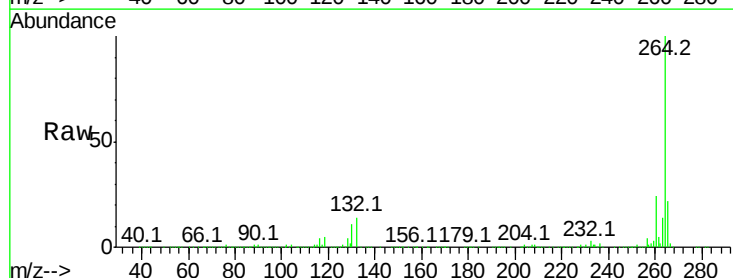
Tgt Ion:264 Resp: 654731

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

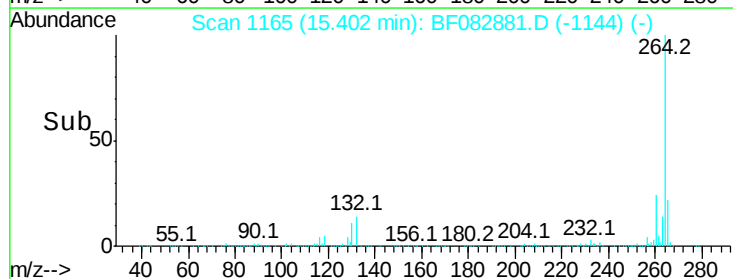
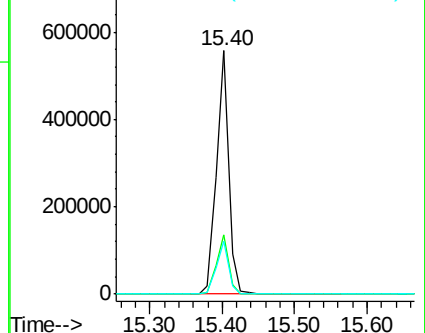
265 21.6 17.4 26.0

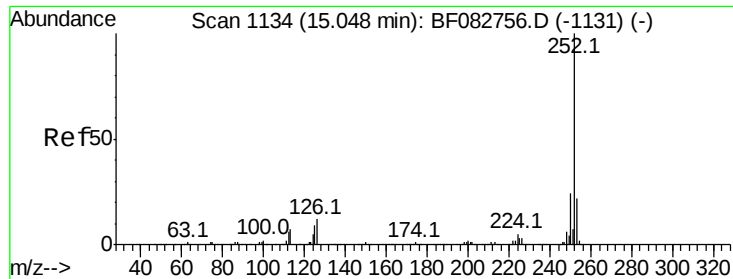


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

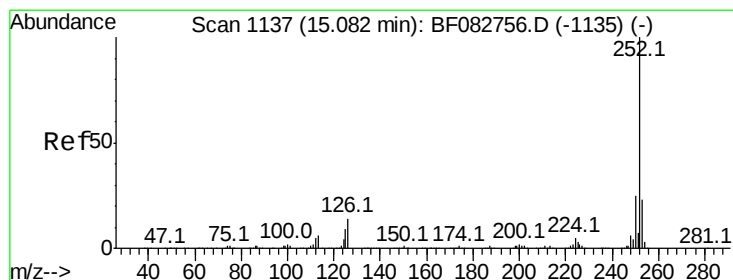
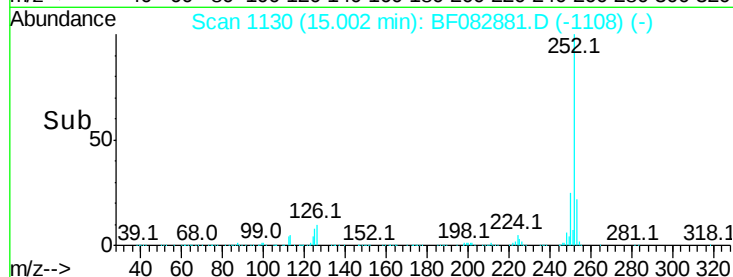
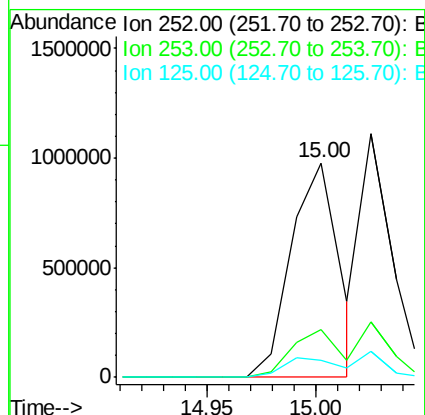
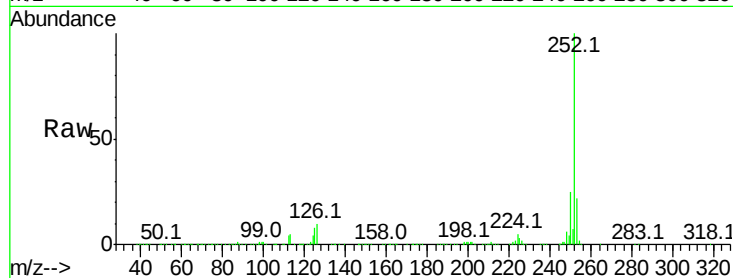




#87
Benzo(b)fluoranthene
Concen: 35.33 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.05 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

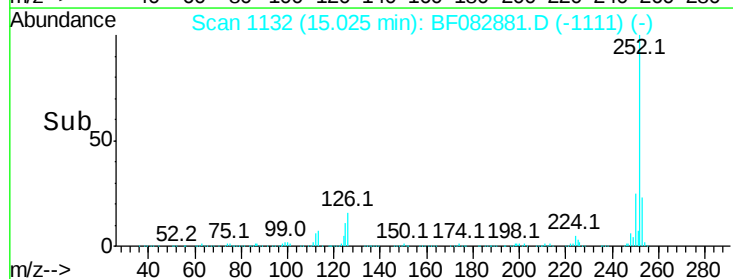
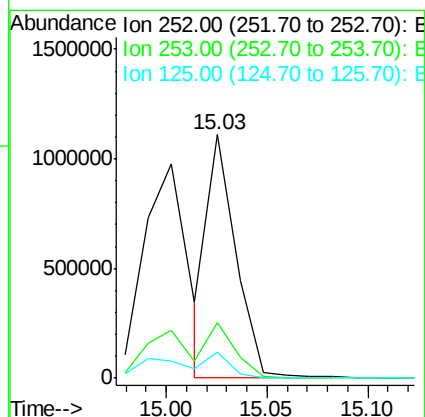
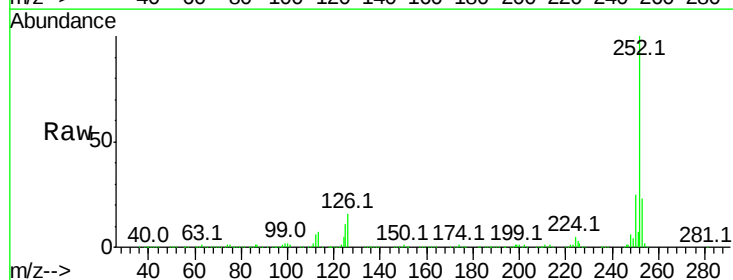
Instrument :
BNA_F
ClientSampled :
PB86543BS

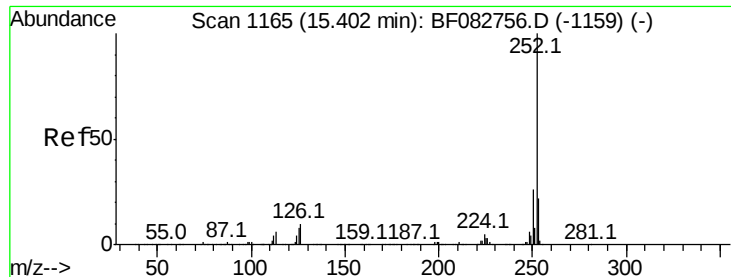
Tot Ion:252 Resp: 1484645
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.7 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 29.46 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF082881.D
Acq: 10 Nov 2015 20:45

Tgt Ion:252 Resp: 1098312
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.6 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 33.89 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.06 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

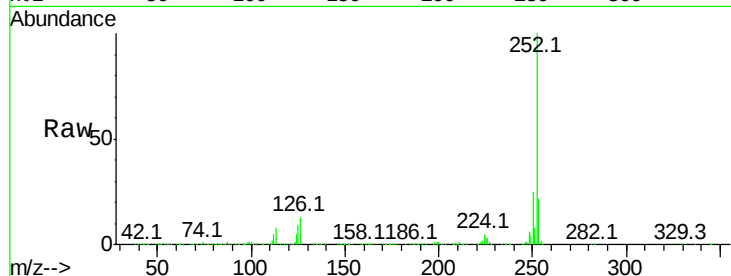
Tot Ion:252 Resp: 1233986

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

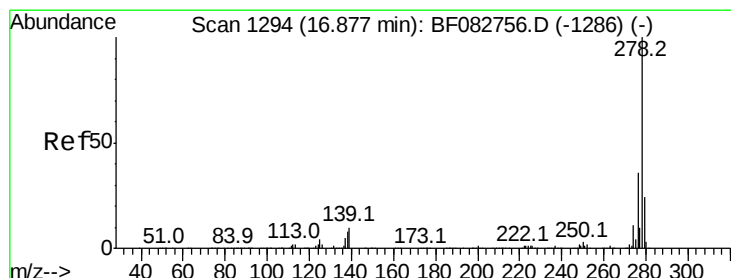
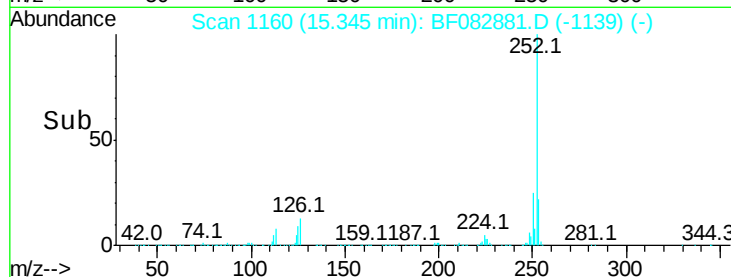
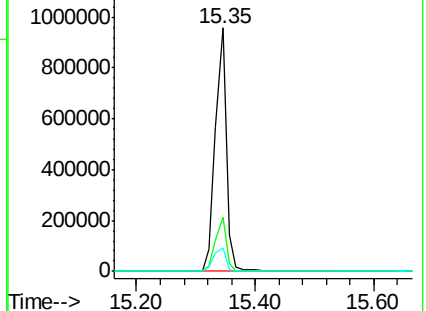
125 9.4 7.1 10.7



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



#90

Dibenzo(a,h)anthracene

Concen: 35.33 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

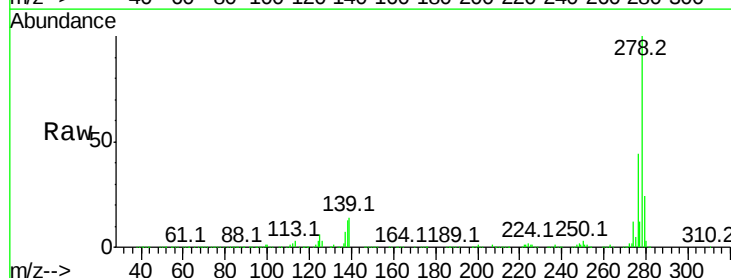
Tgt Ion:278 Resp: 1089380

Ion Ratio Lower Upper

278 100

139 14.4 9.9 14.9

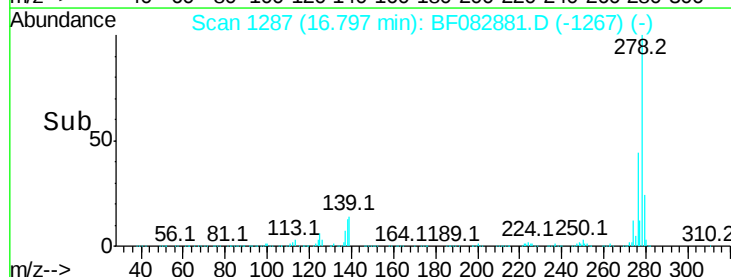
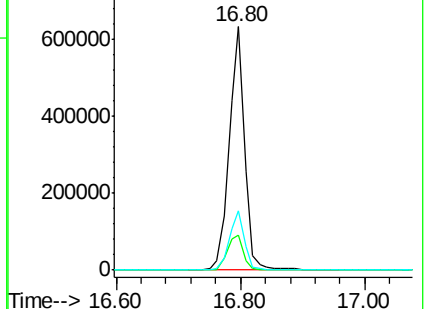
279 24.2 19.6 29.4

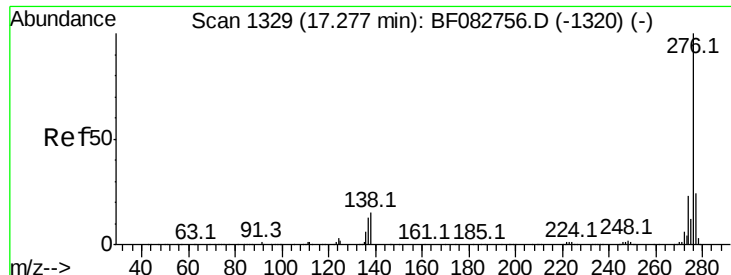


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.22 ng

RT: 17.20 min Scan# 1322

Delta R.T. -0.07 min

Lab File: BF082881.D

Acq: 10 Nov 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB86543BS

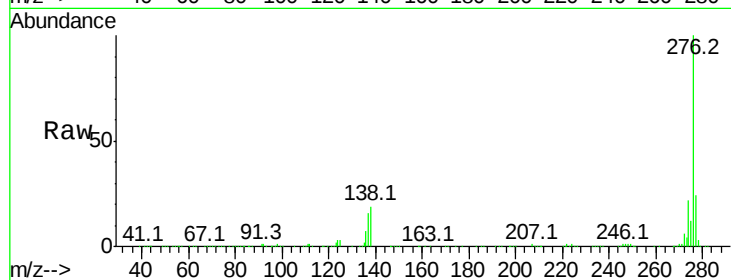
Tot Ion:276 Resp: 1069527

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 18.8 13.1 19.7



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

