

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096486.D
 Acq On : 5 Jul 2017 16:15
 Operator : SJ/MA
 Sample : I3871-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

Quant Time: Jul 06 12:16:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112248	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	464793	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	194655	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	269960	20.00	ng	0.00
75) Chrysene-d12	13.87	240	181120	20.00	ng	0.00
86) Perylene-d12	15.27	264	169878	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	882879	116.09	ng	0.01
7) Phenol-d6	6.36	99	1097831	117.42	ng	0.00
23) Nitrobenzene-d5	7.27	82	587828	76.00	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	160024	105.24	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	996983	87.57	ng	0.00
78) Terphenyl-d14	12.82	244	597121	70.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	103485	28.70	ng	# 77
3) Pyridine	3.10	79	294070	29.72	ng	# 59
4) n-Nitrosodimethylamine	3.04	42	174847	35.80	ng	# 84
6) Aniline	6.37	93	354595	29.34	ng	# 17
8) 2-Chlorophenol	6.50	128	319898	39.44	ng	100
9) Benzaldehyde	6.26	77	167770	28.67	ng	97
10) Phenol	6.37	94	390844	36.69	ng	77
11) bis(2-Chloroethyl)ether	6.45	93	324157	39.38	ng	91
12) 1,3-Dichlorobenzene	6.66	146	308790	36.31	ng	98
13) 1,4-Dichlorobenzene	6.73	146	310818	36.57	ng	97
14) 1,2-Dichlorobenzene	6.89	146	288388	36.95	ng	97
15) Benzyl Alcohol	6.86	79	241016	38.56	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	582446	34.81	ng	92
17) 2-Methylphenol	6.97	107	233151	36.07	ng	99
18) Hexachloroethane	7.23	117	93951	30.49	ng	# 83
19) n-Nitroso-di-n-propylamine	7.13	70	185962	33.39	ng	# 84
20) 3+4-Methylphenols	7.13	107	278267	38.60	ng	95
22) Acetophenone	7.12	105	378505	37.27	ng	97
24) Nitrobenzene	7.30	77	285398	35.17	ng	89
25) Isophorone	7.54	82	505509	33.71	ng	94
26) 2-Nitrophenol	7.61	139	137707	32.06	ng	# 89
27) 2,4-Dimethylphenol	7.66	122	257445	35.20	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	351046	35.46	ng	99
29) 2,4-Dichlorophenol	7.86	162	237459	37.63	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	223012	37.47	ng	98
31) Naphthalene	8.02	128	826976	37.69	ng	99
33) 4-Chloroaniline	8.07	127	269114	29.53	ng	96
34) Hexachlorobutadiene	8.15	225	114477	37.50	ng	97
35) Caprolactam	8.43	113	73284	33.68	ng	# 73
36) 4-Chloro-3-methylphenol	8.56	107	239571	34.31	ng	91
37) 2-Methylnaphthalene	8.71	142	549219	39.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	197110	39.00	ng	99
40) Hexachlorocyclopentadiene	8.87	237	33299	13.55	ng	95
42) 2,4,6-Trichlorophenol	8.99	196	140315	35.09	ng	99

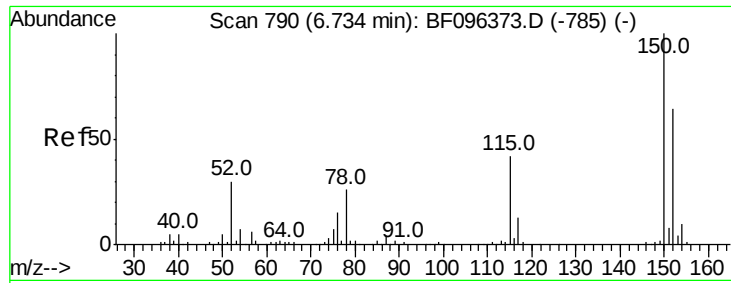
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	144077	36.44	nq	96
45) 1,1'-Biphenyl	9.17	154	604168	36.22	nq	98
46) 2-Chloronaphthalene	9.20	162	464140	37.34	nq	94
47) 2-Nitroaniline	9.29	65	167088	36.95	nq	90
48) Acenaphthylene	9.61	152	759247	38.55	nq	99
49) Dimethylphthalate	9.48	163	726039	49.96	nq	100
50) 2,6-Dinitrotoluene	9.53	165	119457	37.18	nq	# 82
51) Acenaphthene	9.79	154	433050	35.67	nq	97
52) 3-Nitroaniline	9.70	138	147339	36.76	nq	92
54) Dibenzofuran	9.96	168	608176	37.94	nq	98
55) 4-Nitrophenol	9.87	139	155922	46.94	nq	# 72
56) 2,4-Dinitrotoluene	9.94	165	136577	33.56	nq	# 94
57) Fluorene	10.30	166	432206	38.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	94221	34.45	nq	# 97
59) Diethylphthalate	10.17	149	505807	36.83	nq	100
60) 4-Chlorophenyl-phenylether	10.29	204	184908	37.54	nq	94
61) 4-Nitroaniline	10.31	138	122618	33.65	nq	91
62) Azobenzene	10.45	77	451818	34.02	nq	91
64) 4,6-Dinitro-2-methylphenol	10.35	198	5704	3.06	nq	88
65) n-Nitrosodiphenylamine	10.41	169	393186	41.51	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	111397	42.39	nq	96
67) Hexachlorobenzene	10.85	284	111781	38.86	nq	# 93
68) Atrazine	10.94	200	109463	40.45	nq	96
69) Pentachlorophenol	11.04	266	83567	49.01	nq	98
70) Phenanthrene	11.26	178	748354	51.28	nq	99
71) Anthracene	11.31	178	625851	42.08	nq	99
72) Carbazole	11.46	167	560212	37.46	nq	98
73) Di-n-butylphthalate	11.80	149	721361	39.82	nq	# 98
74) Fluoranthene	12.45	202	780042	54.52	nq	98
76) Benzidine	12.56	184	196372	22.60	nq	# 92
77) Pyrene	12.67	202	793435	54.58	nq	99
79) Butylbenzylphthalate	13.29	149	270450	36.75	nq	# 80
80) Benzo(a)anthracene	13.86	228	550450	52.48	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	145829	33.85	nq	# 98
82) Chrysene	13.89	228	525450	47.84	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	316226	38.49	nq	# 100
84) Di-n-octyl phthalate	14.47	149	608382	37.61	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.64	276	356394	41.11	nq	99
87) Benzo(b)fluoranthene	14.88	252	533910	50.16	nq	97
88) Benzo(k)fluoranthene	14.90	252	387465	40.69	nq	96
89) Benzo(a)pyrene	15.22	252	461897	48.60	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	256553	34.32	nq	98
91) Benzo(g,h,i)perylene	17.05	276	298058	38.47	nq	98

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

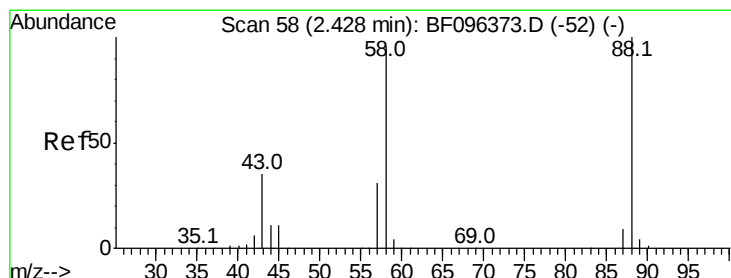
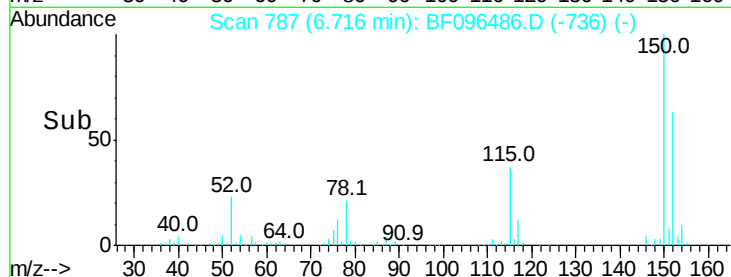
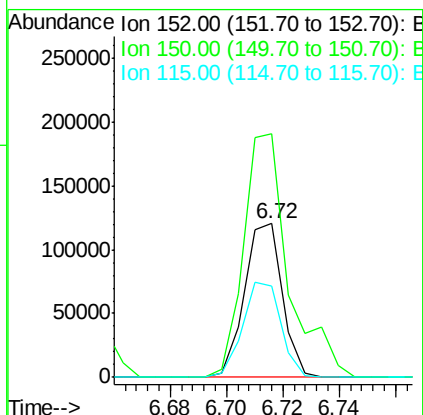
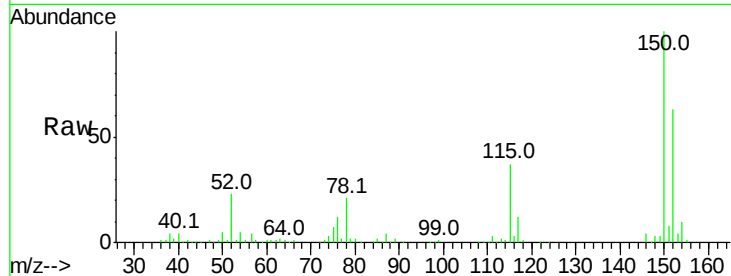


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

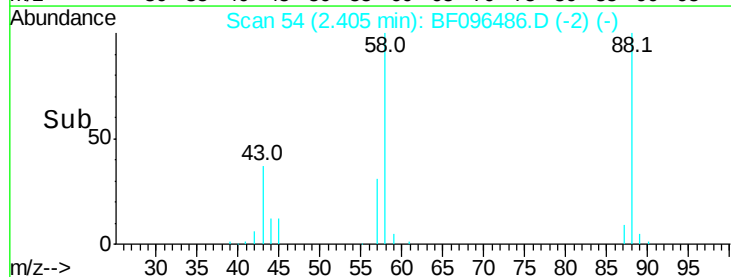
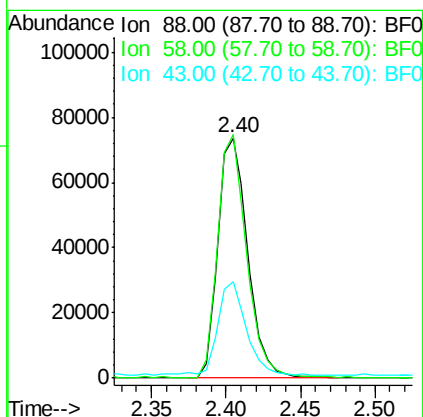
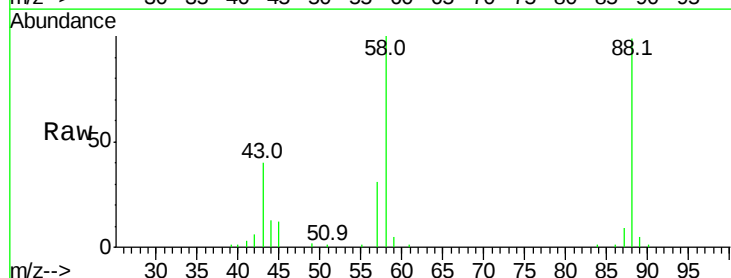
Tot Ion:152 Resp: 112248
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 59.1 52.2 78.2

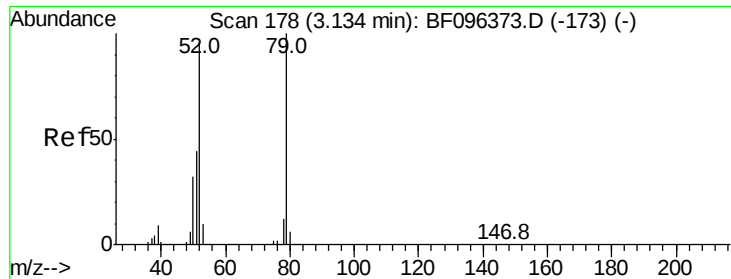


#2

1,4-Dioxane
Concen: 28.70 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion: 88 Resp: 103485
Ion Ratio Lower Upper
88 100
58 98.6 61.4 92.0#
43 38.3 23.4 35.0#





#3

Pvridine

Concen: 29.72 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

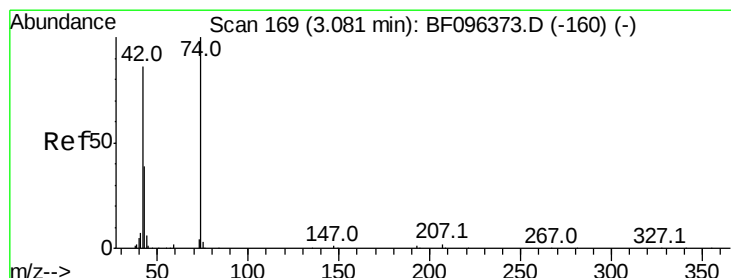
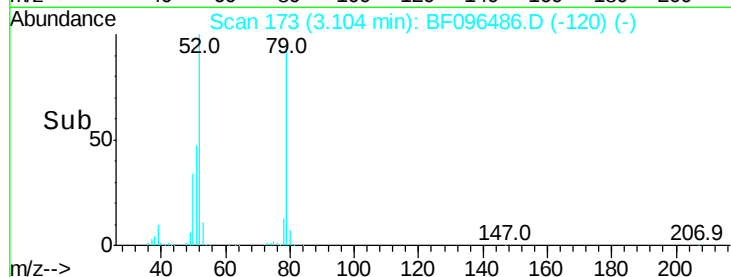
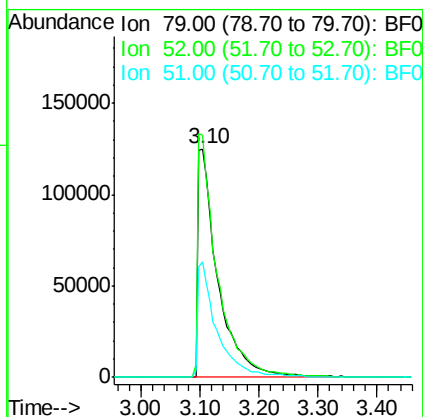
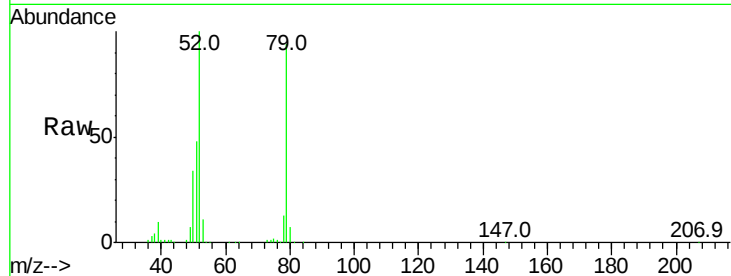
Tot Ion: 79 Resp: 294070

Ion Ratio Lower Upper

79 100

52 106.2 54.8 82.2#

51 50.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 35.80 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

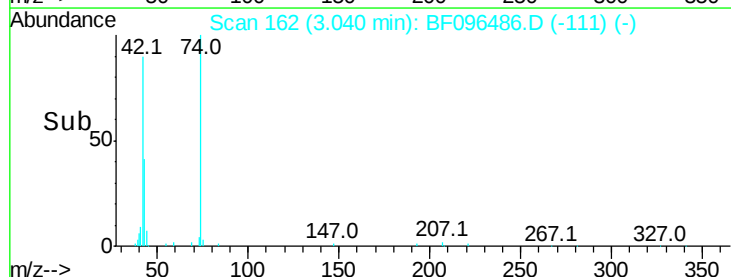
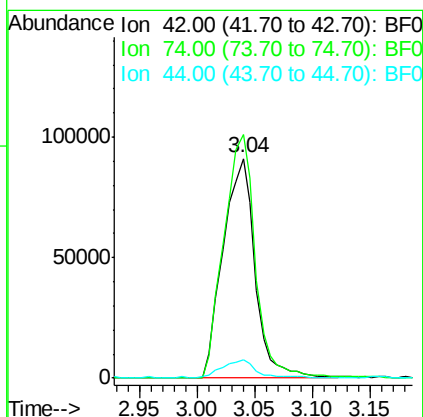
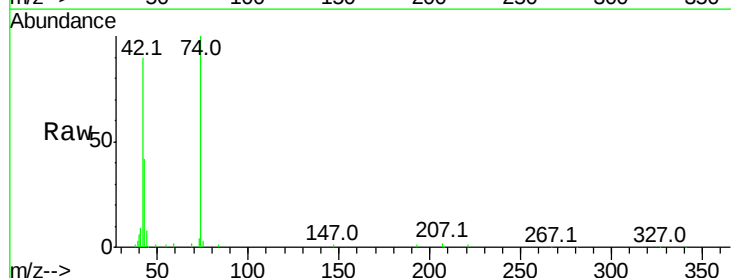
Tgt Ion: 42 Resp: 174847

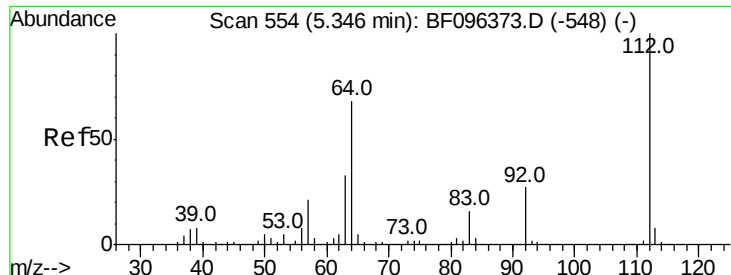
Ion Ratio Lower Upper

42 100

74 111.0 103.9 155.9

44 8.4 5.7 8.5





#5

2-Fluorophenol

Concen: 116.09 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

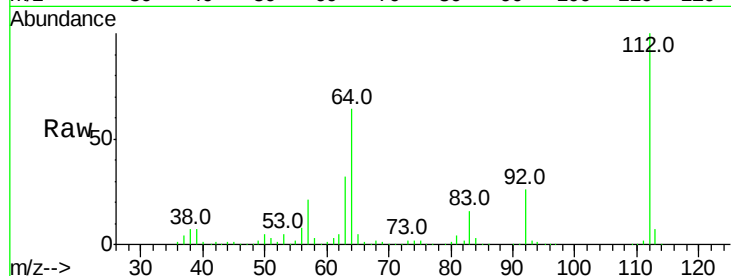
Tot Ion:112 Resp: 882879

Ion Ratio Lower Upper

112 100

64 64.5 46.0 69.0

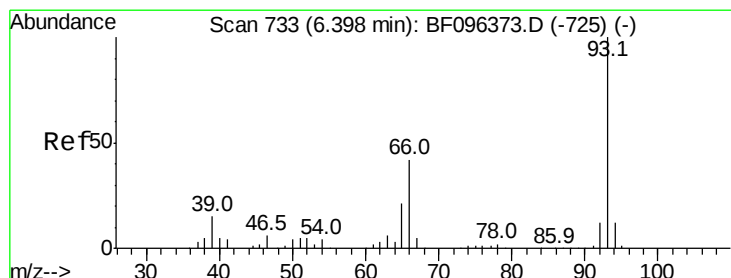
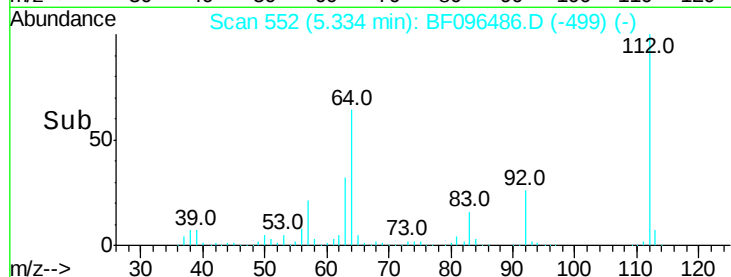
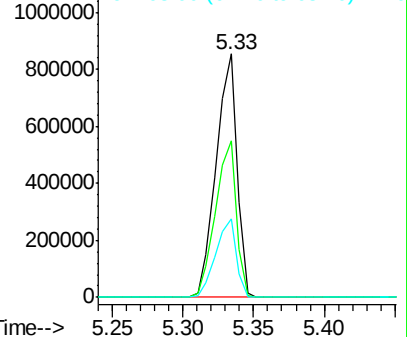
63 32.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.34 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

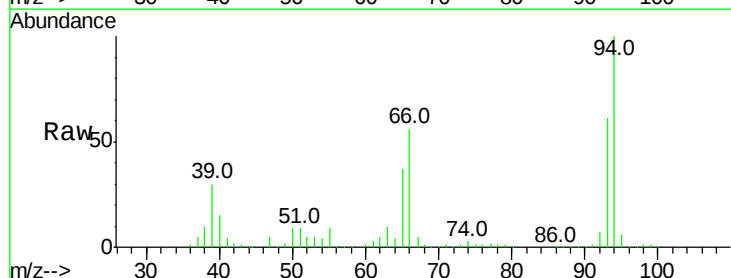
Tgt Ion: 93 Resp: 354595

Ion Ratio Lower Upper

93 100

66 91.6 32.9 49.3#

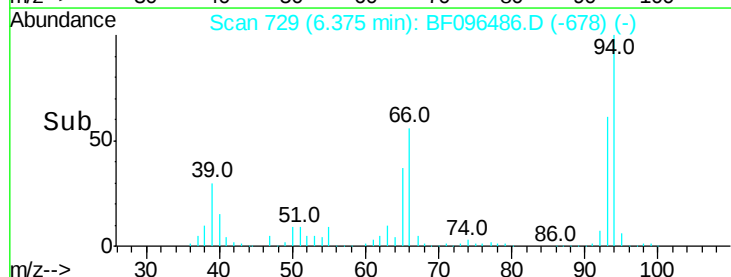
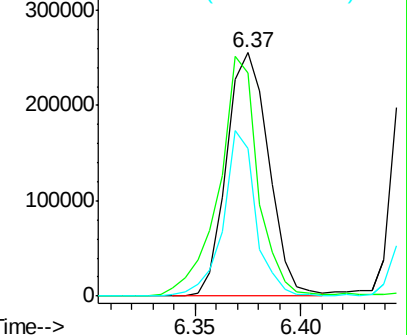
65 60.6 16.0 24.0#

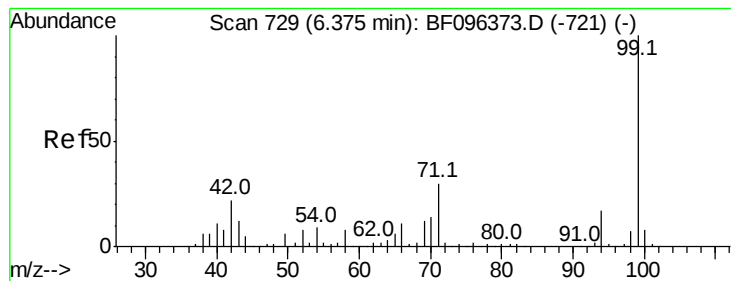


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.42 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

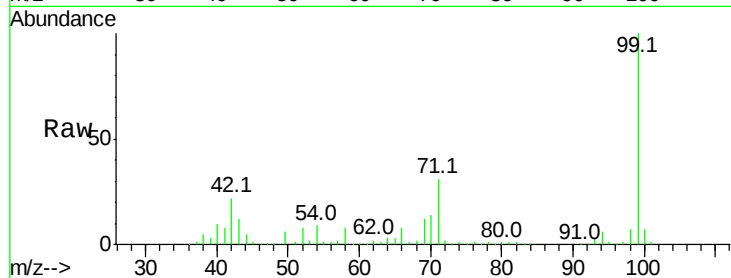
BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

Tot Ion: 99 Resp: 1097831

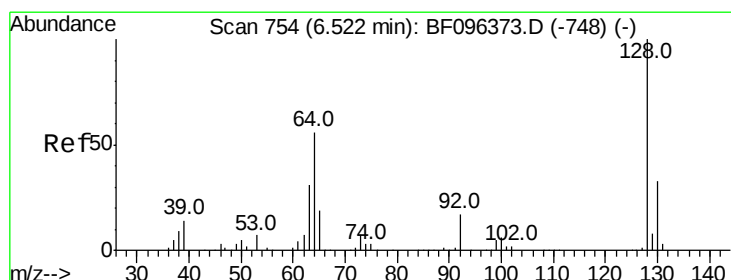
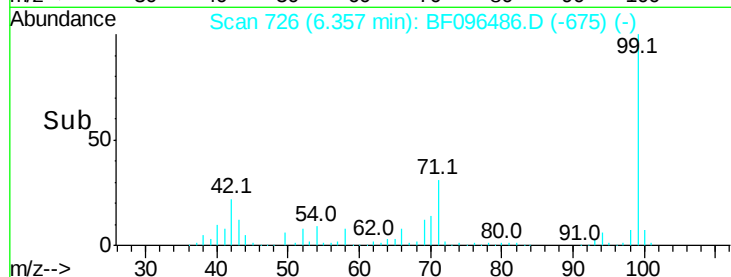
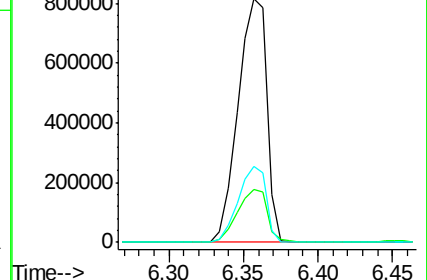
Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	31.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.44 ng

RT: 6.50 min Scan# 751

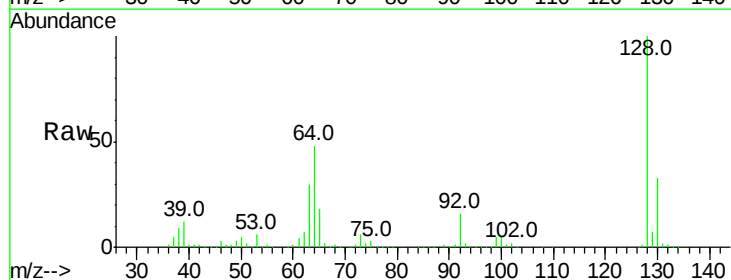
Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Tgt Ion: 128 Resp: 319898

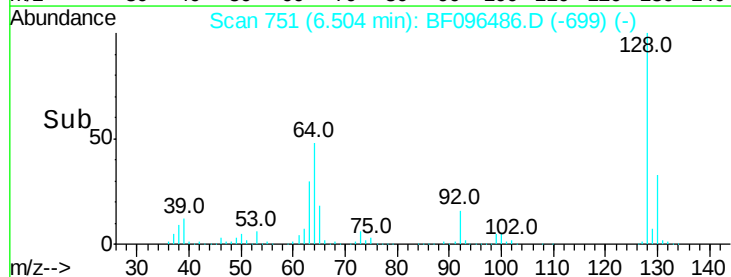
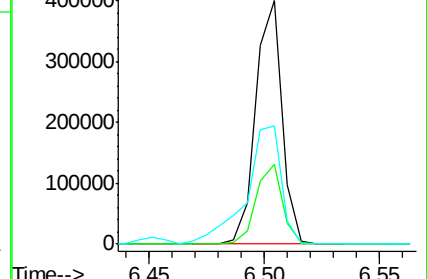
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	48.4	28.4	68.4

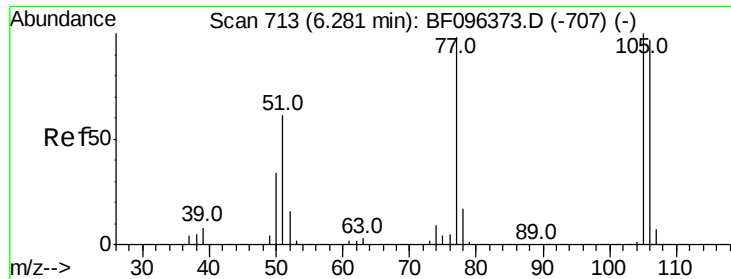


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

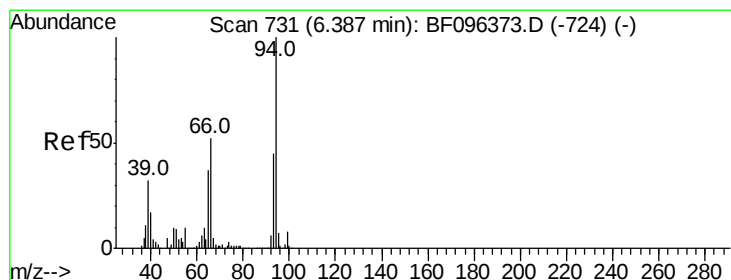
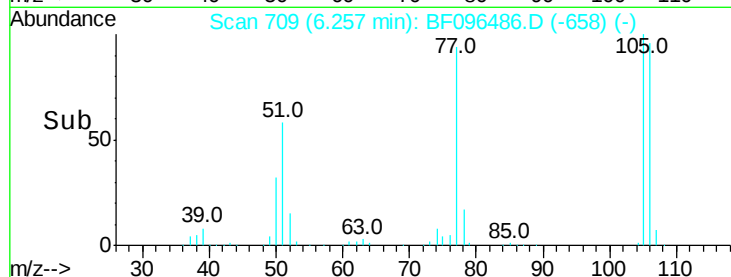
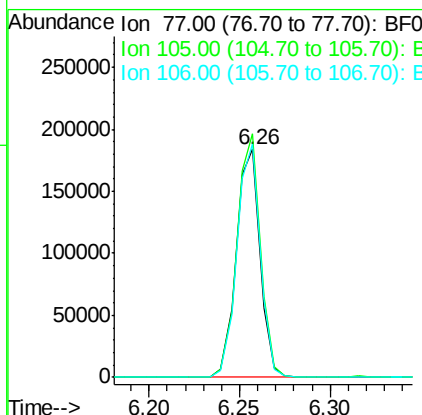
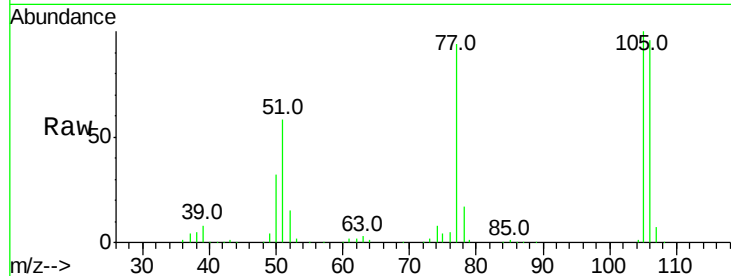




#9
Benzaldehyde
Concen: 28.67 ng
RT: 6.26 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

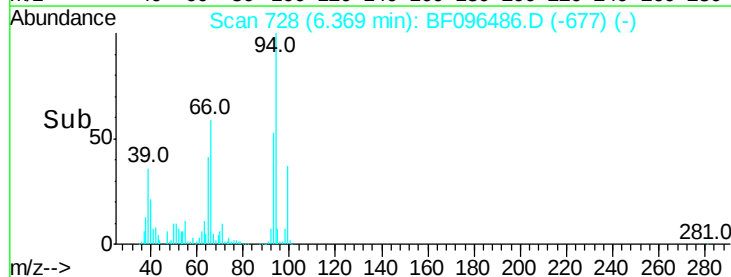
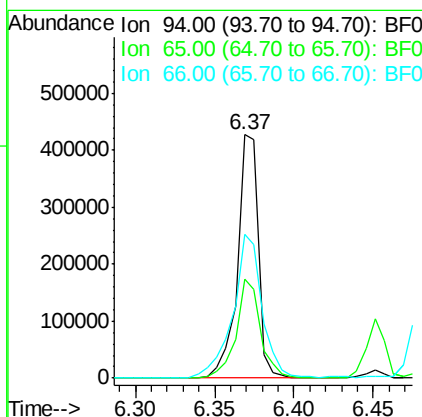
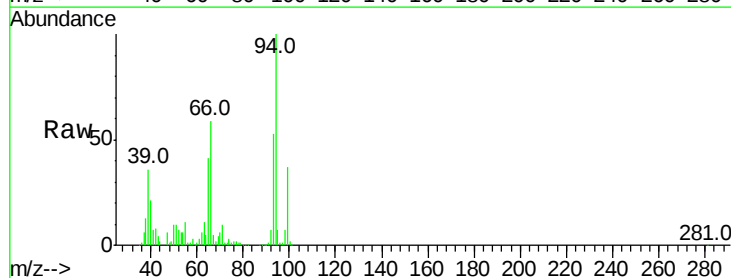
Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

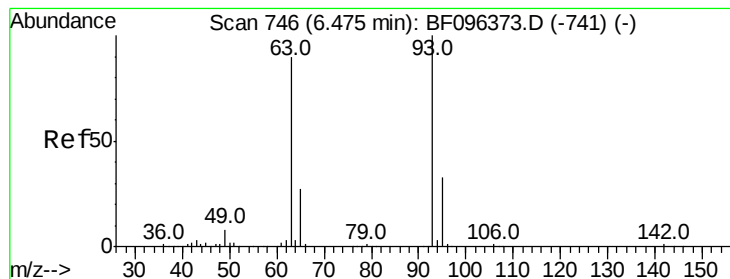
Tot Ion: 77 Resp: 167770
Ion Ratio Lower Upper
77 100
105 106.9 83.8 123.8
106 102.2 79.1 119.1



#10
Phenol
Concen: 36.69 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion: 94 Resp: 390844
Ion Ratio Lower Upper
94 100
65 40.6 9.9 49.9
66 58.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.38 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

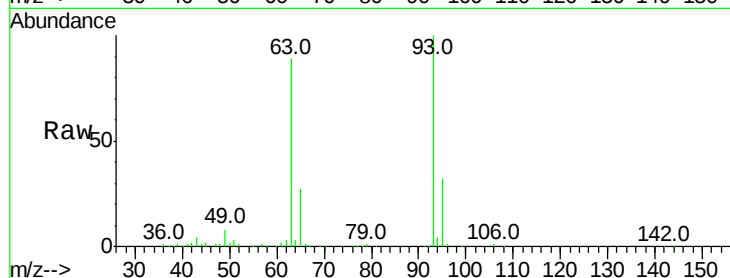
Tot Ion: 93 Resp: 324157

Ion Ratio Lower Upper

93 100

63 89.4 59.2 99.2

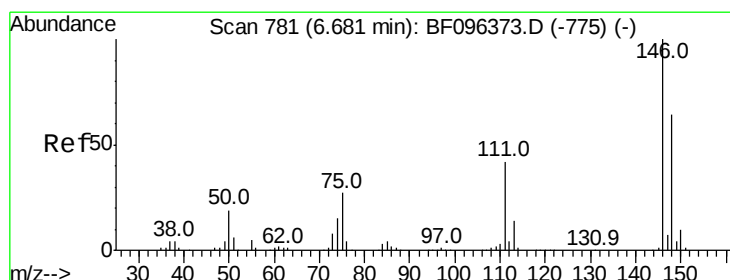
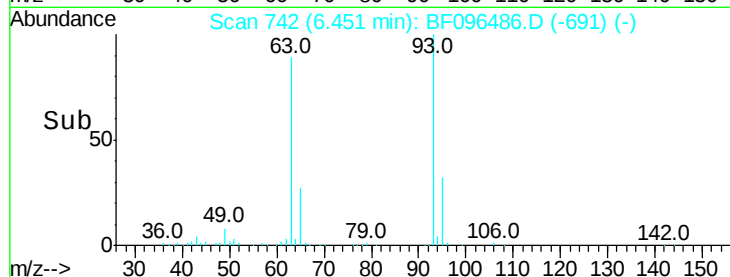
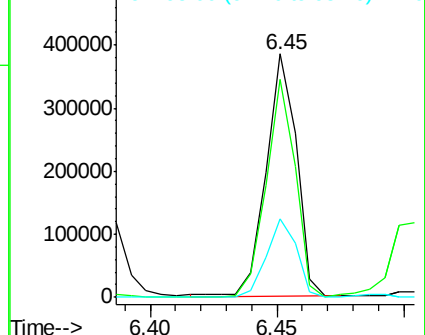
95 32.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.31 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

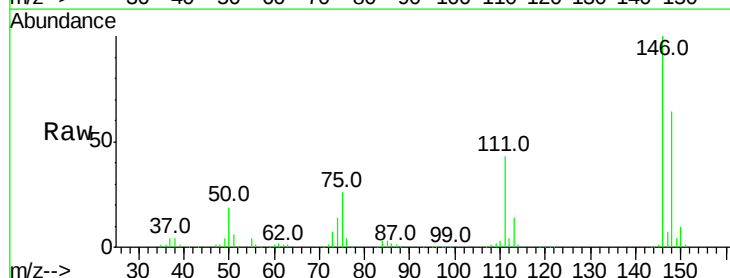
Tgt Ion: 146 Resp: 308790

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

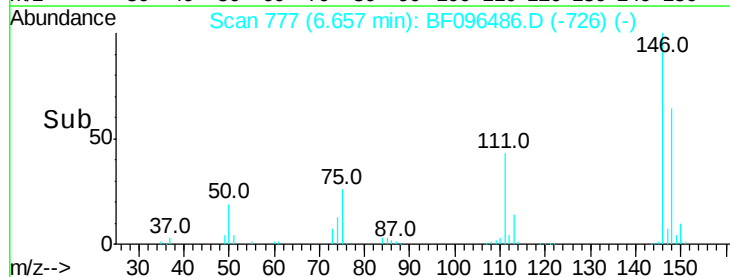
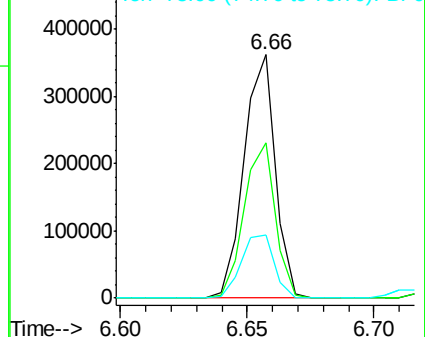
75 26.1 23.1 34.7

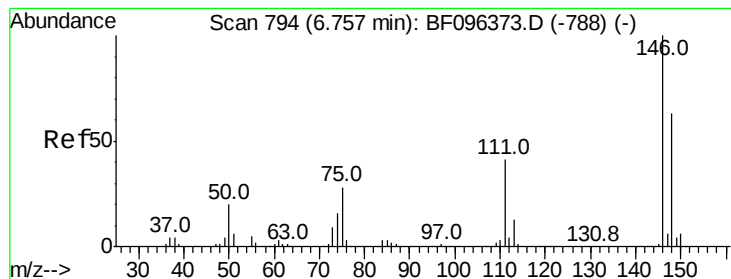


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 36.57 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

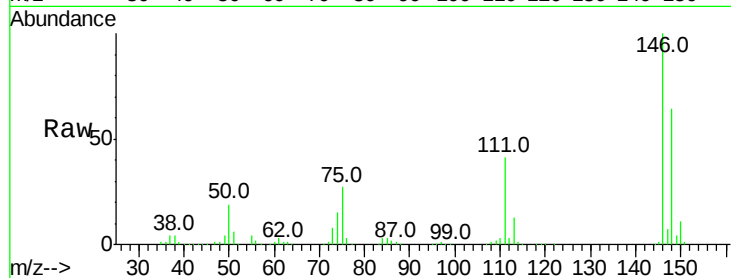
Tot Ion:146 Resp: 310818

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

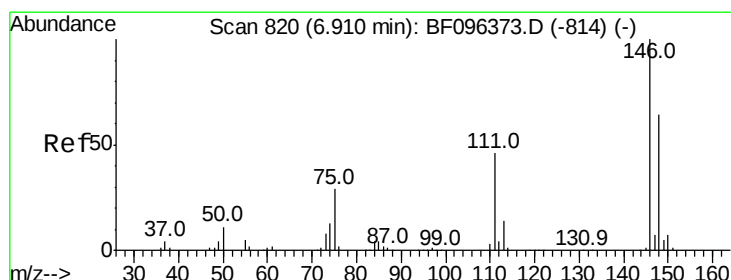
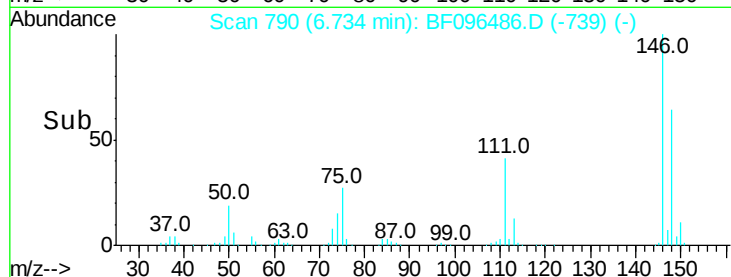
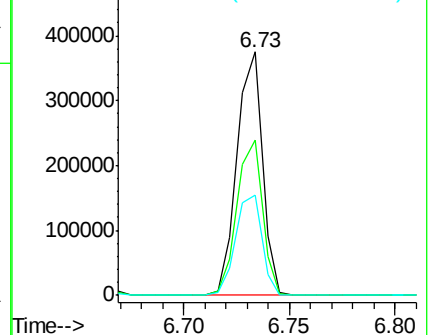
111 41.0 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.95 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

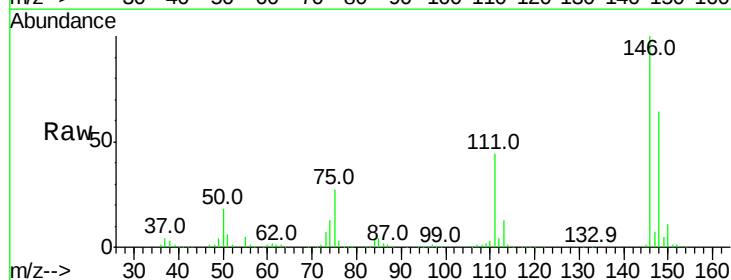
Tgt Ion:146 Resp: 288388

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

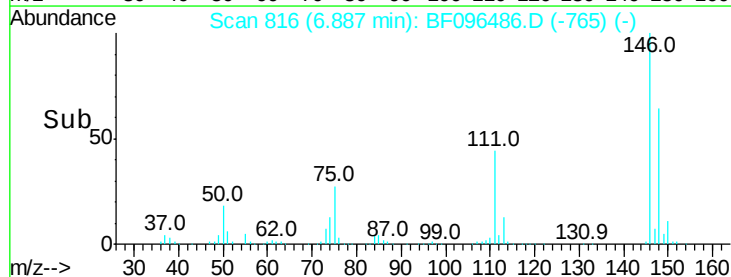
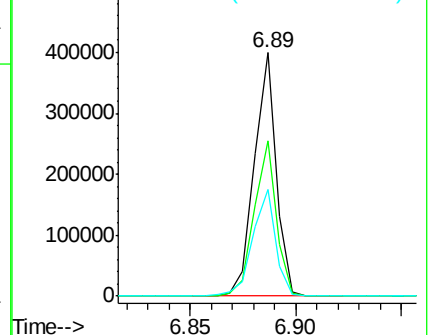
111 43.7 38.2 57.4

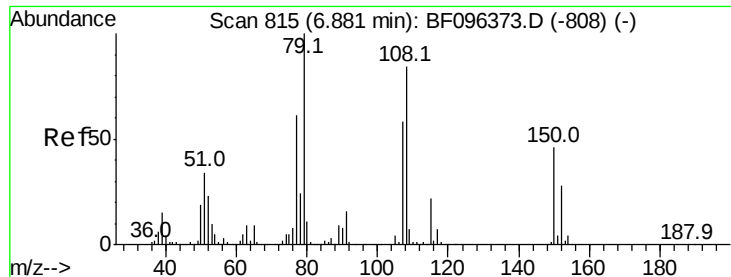


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.56 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

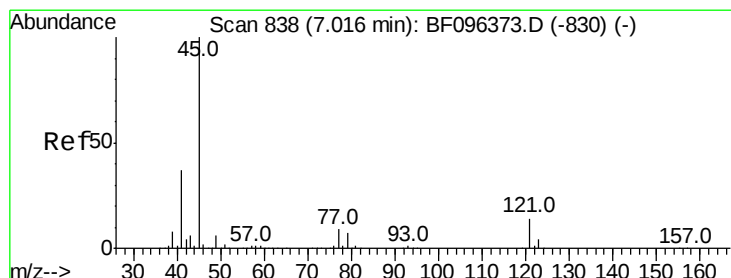
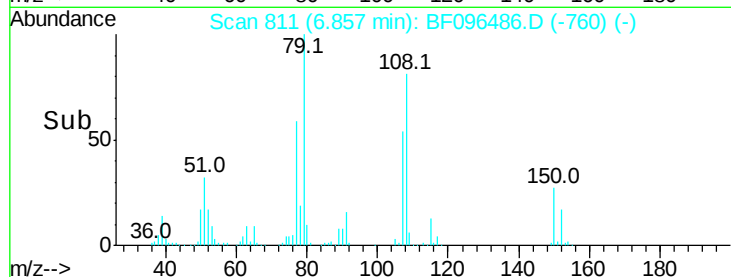
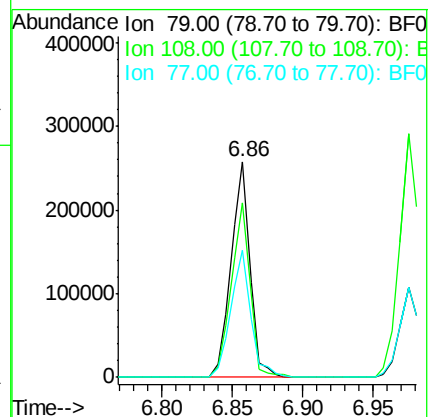
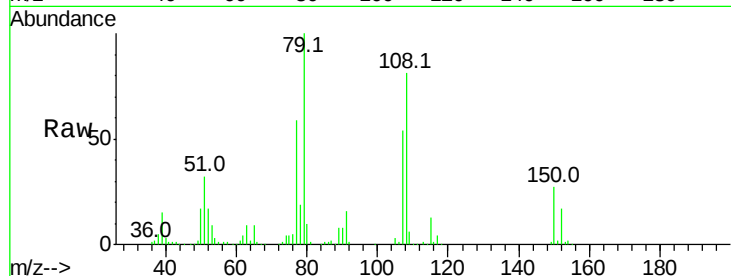
Tot Ion: 79 Resp: 241016

Ion Ratio Lower Upper

79 100

108 80.7 63.4 95.0

77 59.1 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.81 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

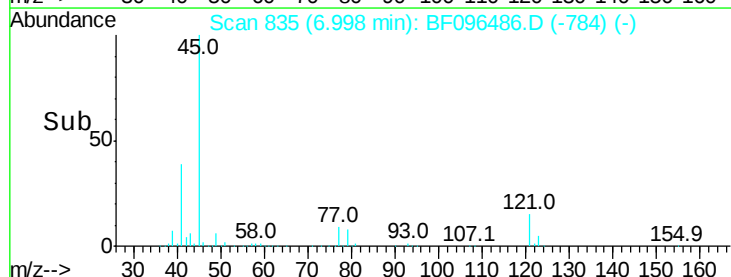
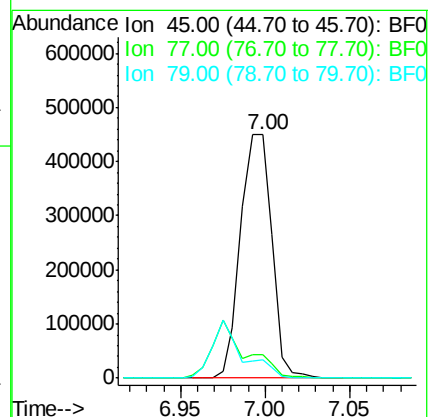
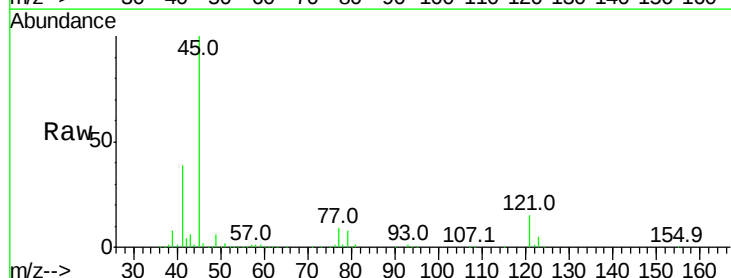
Tgt Ion: 45 Resp: 582446

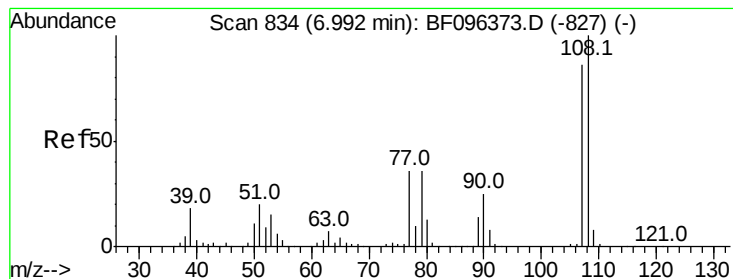
Ion Ratio Lower Upper

45 100

77 9.4 0.0 33.2

79 7.6 0.0 30.0





#17

2-Methylphenol

Concen: 36.07 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

Tot Ion:107 Resp: 233151

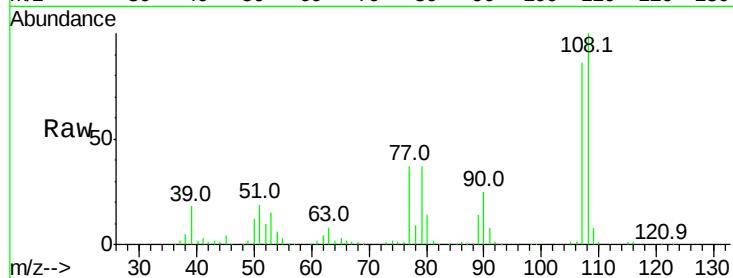
Ion Ratio Lower Upper

107 100

108 115.8 93.4 140.0

77 42.8 35.8 53.6

79 43.1 34.8 52.2

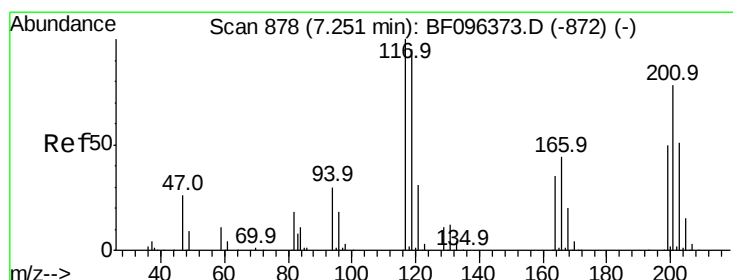
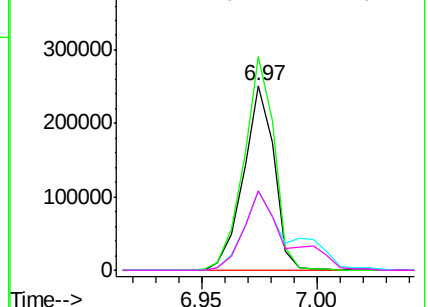
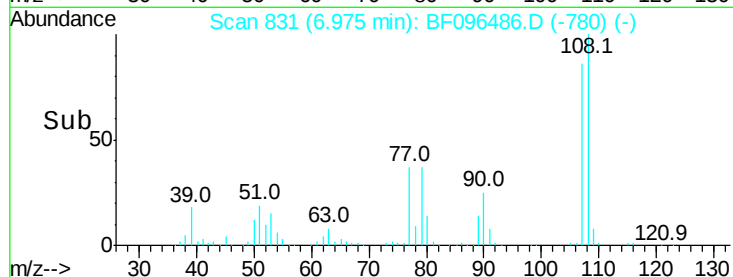


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.49 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

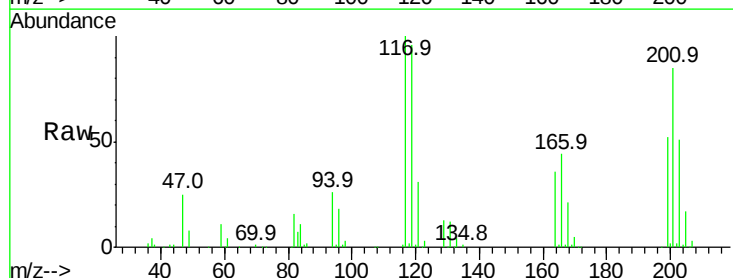
Tgt Ion:117 Resp: 93951

Ion Ratio Lower Upper

117 100

119 96.0 77.4 116.0

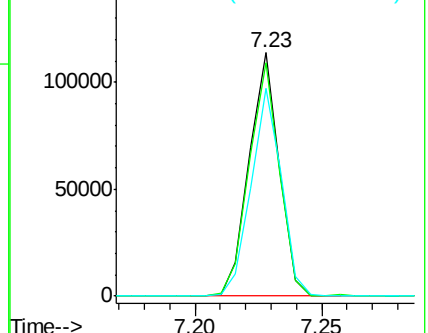
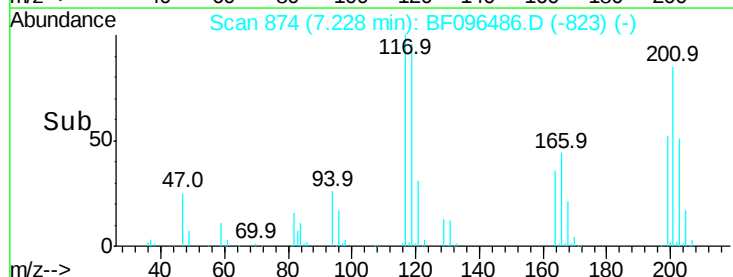
201 85.1 94.6 141.8#

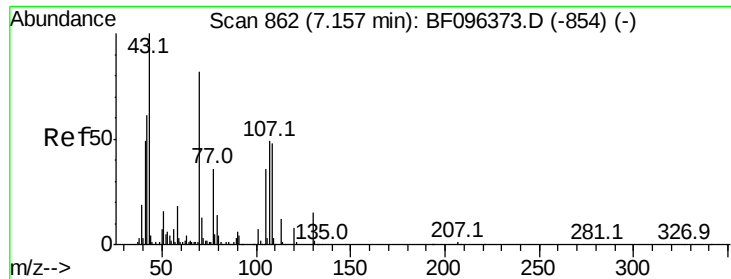


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

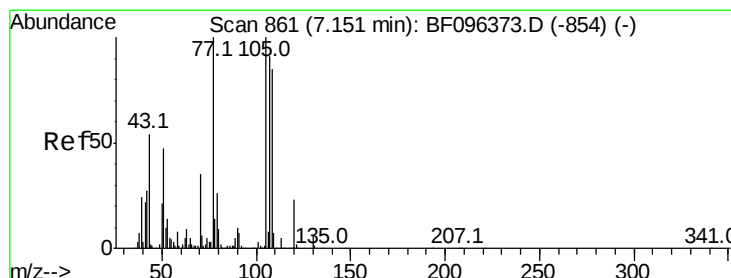
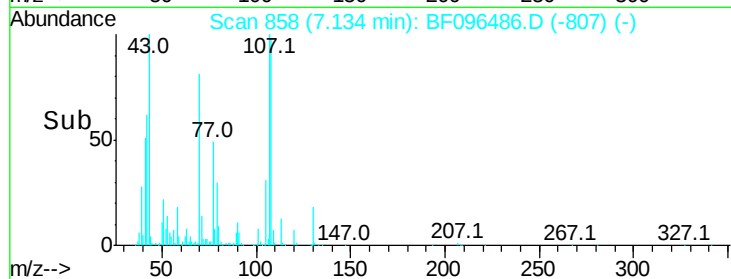
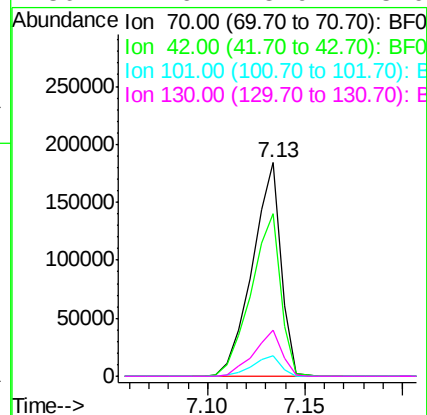
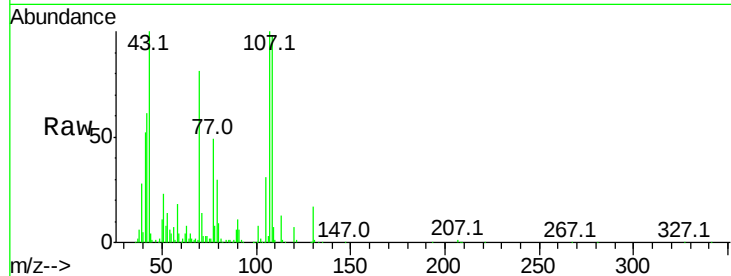




#19
n-Nitroso-di-n-propylamine
Concen: 33.39 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

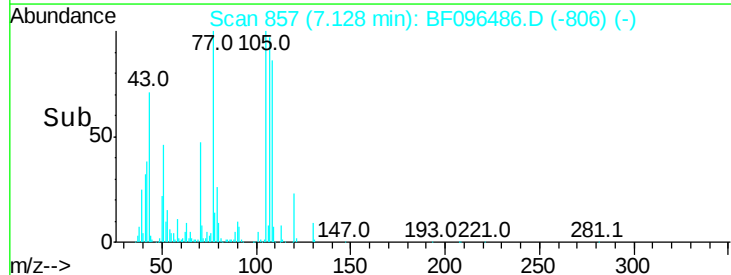
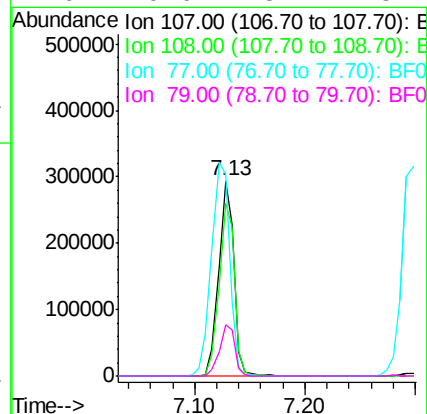
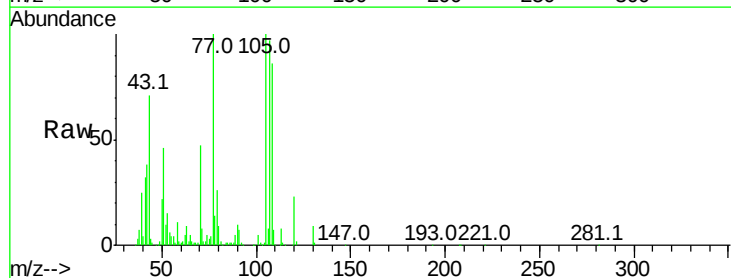
Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

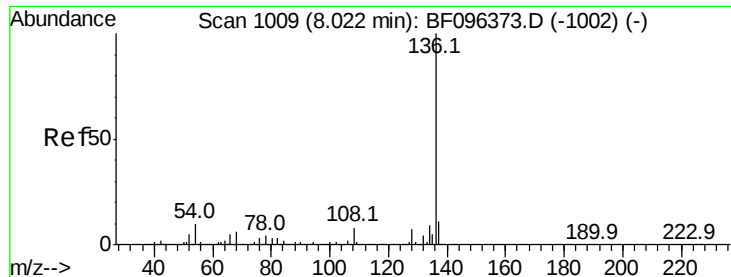
Tot Ion:	70	Resp:	185962
Ion	Ratio	Lower	Upper
70	100		
42	75.9	47.2	70.8#
101	9.5	7.2	10.8
130	21.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.60 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:	107	Resp:	278267
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	103.2	90.5	130.5
79	26.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

Tot Ion:136 Resp: 464793

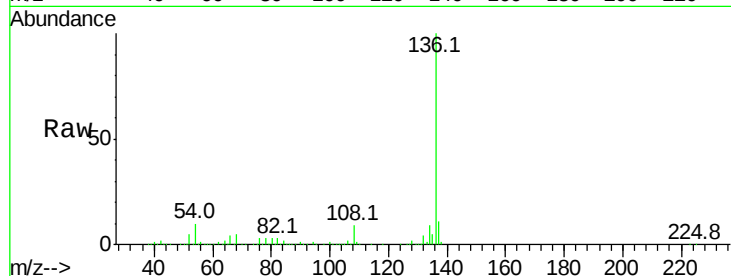
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.6 4.9 7.3#

68 4.7 4.1 6.1

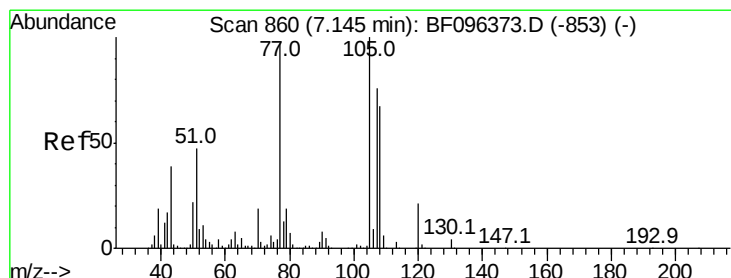
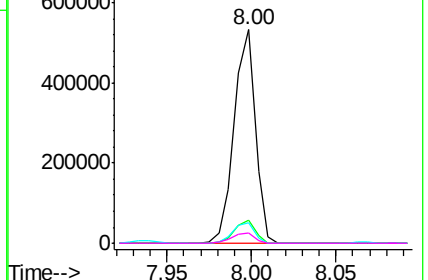
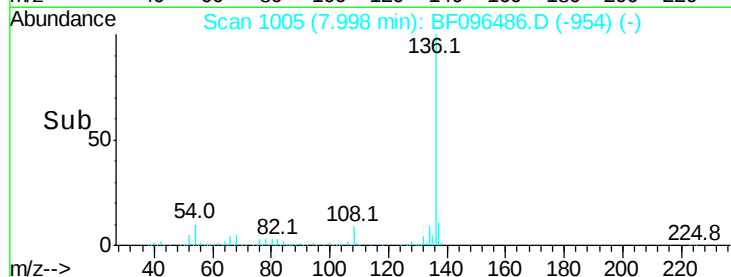


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.27 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Tgt Ion:105 Resp: 378505

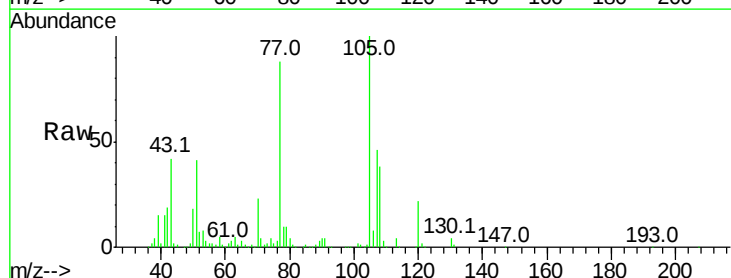
Ion Ratio Lower Upper

105 100

71 3.8 2.8 4.2

51 41.0 30.7 46.1

120 21.8 17.4 26.0

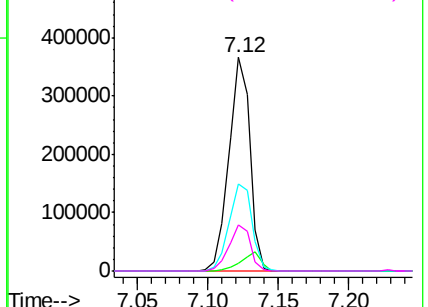
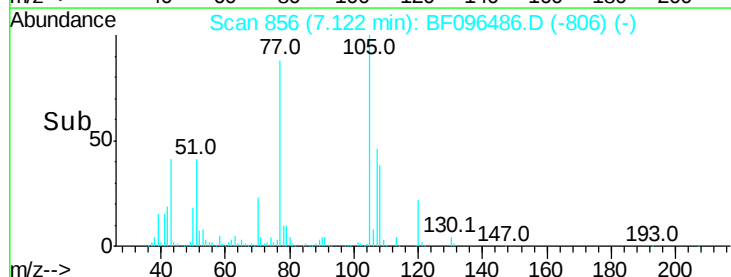


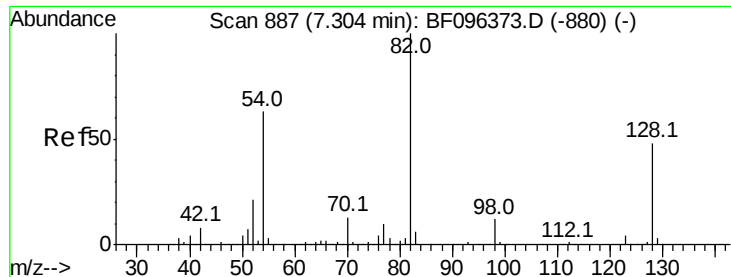
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

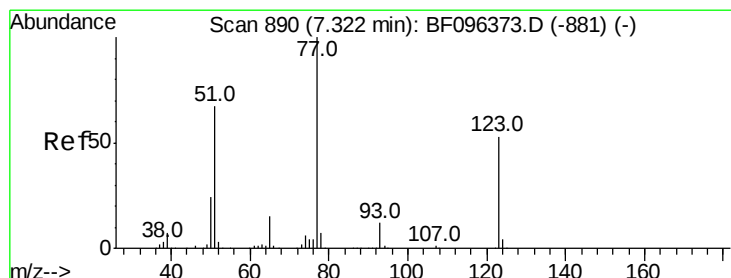
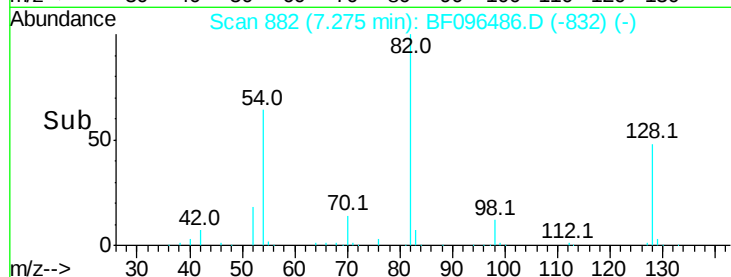
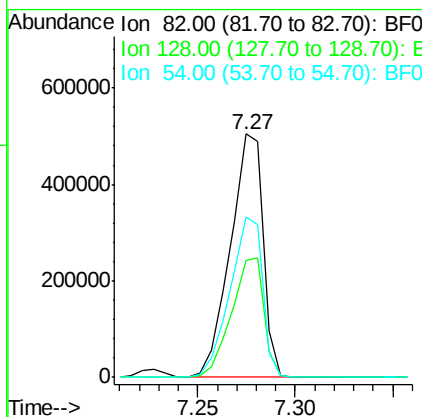
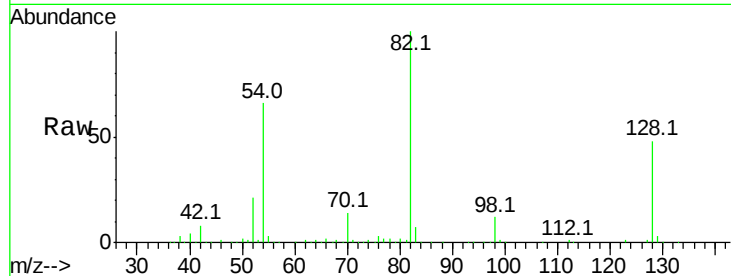




#23
 Nitrobenzene-d5
 Concen: 76.00 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

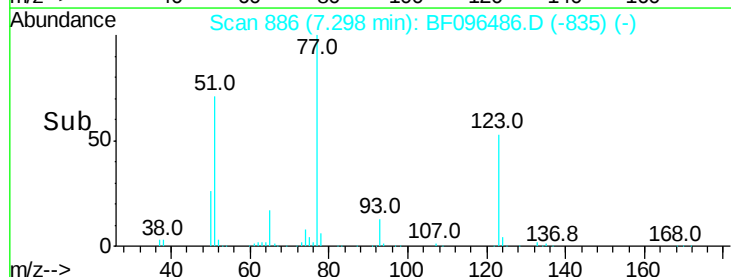
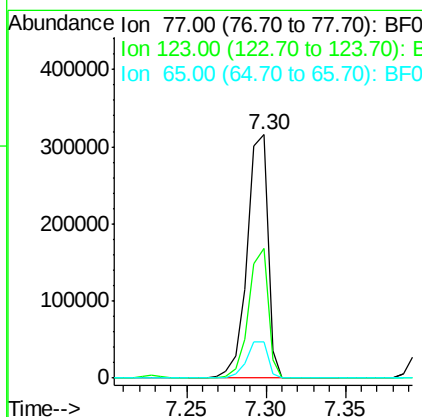
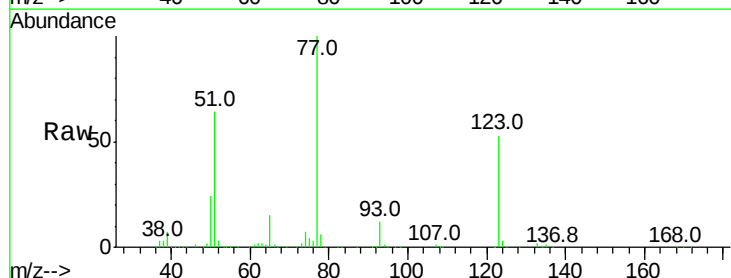
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

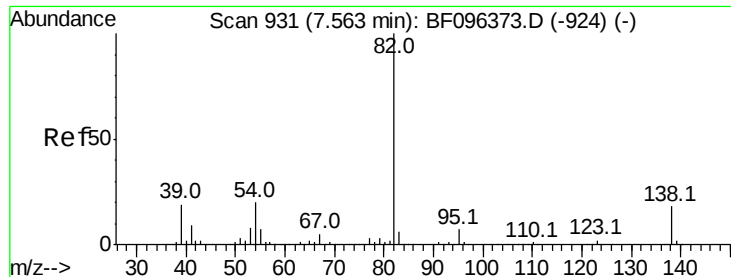
Tot Ion: 82 Resp: 587828
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 66.0 42.2 63.2#



#24
 Nitrobenzene
 Concen: 35.17 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion: 77 Resp: 285398
 Ion Ratio Lower Upper
 77 100
 123 53.2 35.8 53.8
 65 14.7 10.6 15.8





#25

Isophorone

Concen: 33.71 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

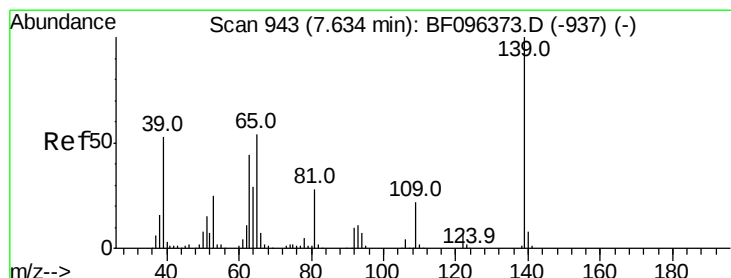
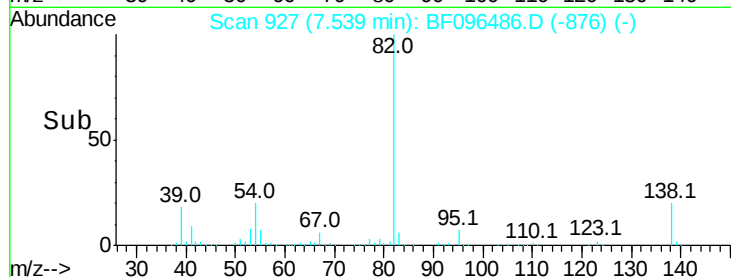
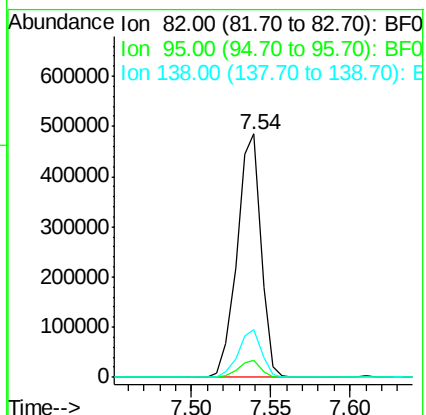
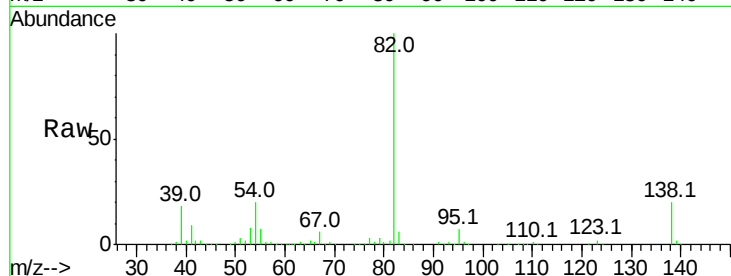
Tot Ion: 82 Resp: 505509

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 32.06 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

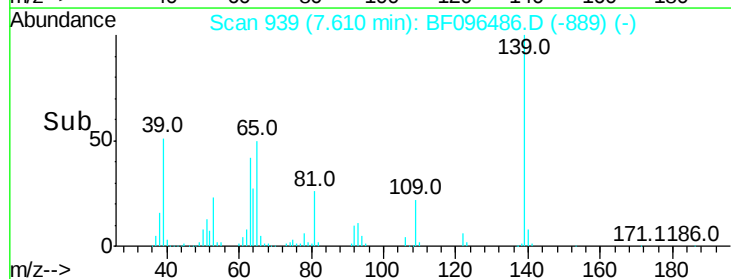
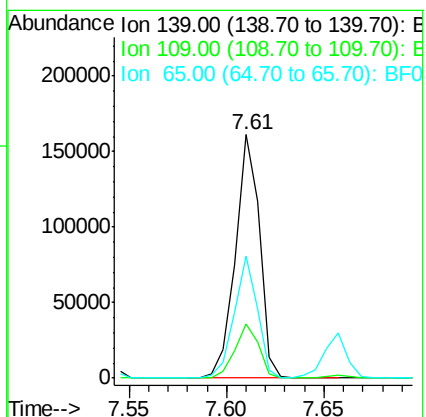
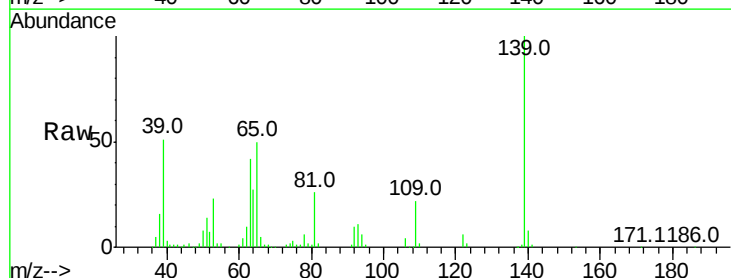
Tgt Ion: 139 Resp: 137707

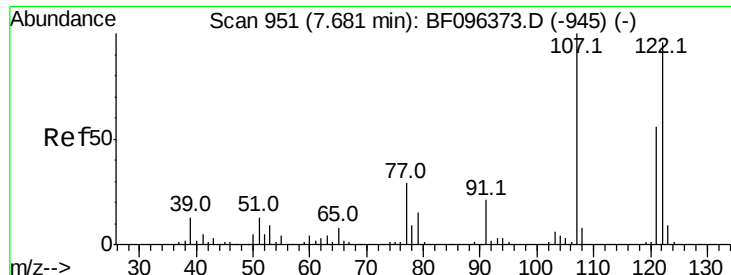
Ion Ratio Lower Upper

139 100

109 22.2 21.0 31.6

65 49.9 33.0 49.6#

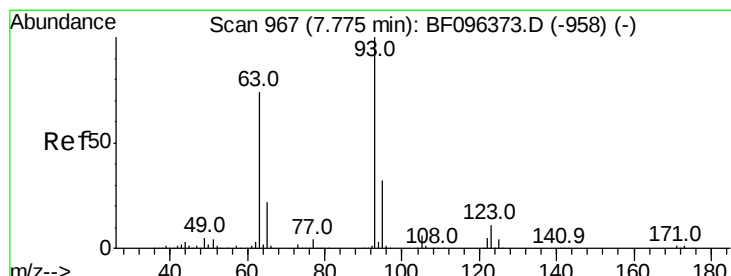
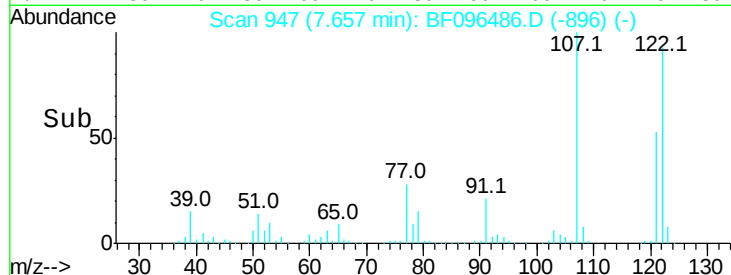
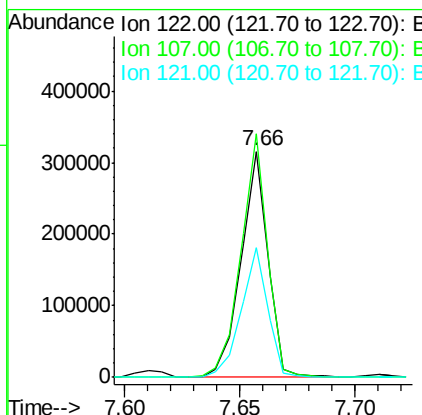
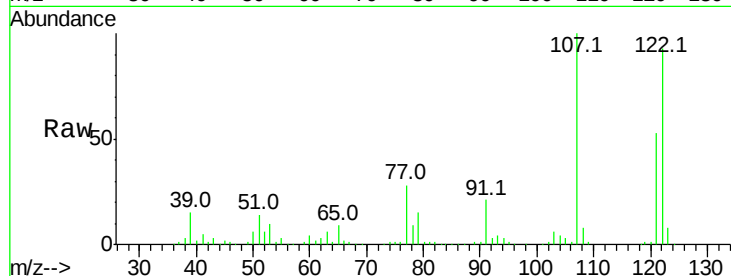




#27
 2,4-Dimethylphenol
 Concen: 35.20 ng
 RT: 7.66 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

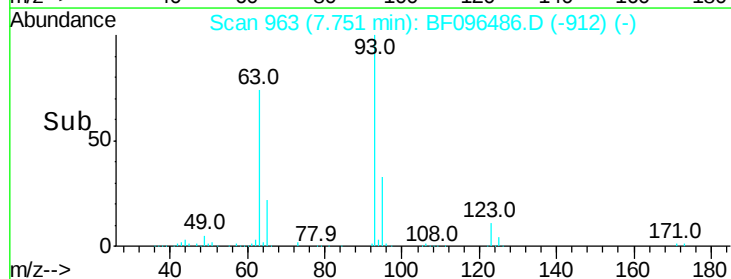
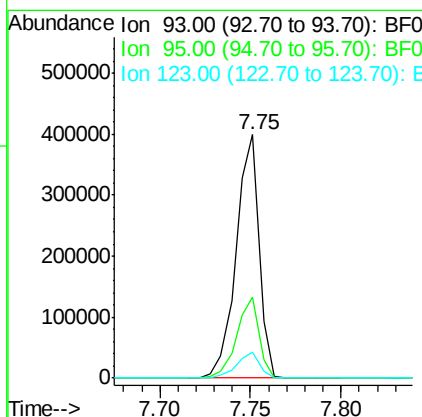
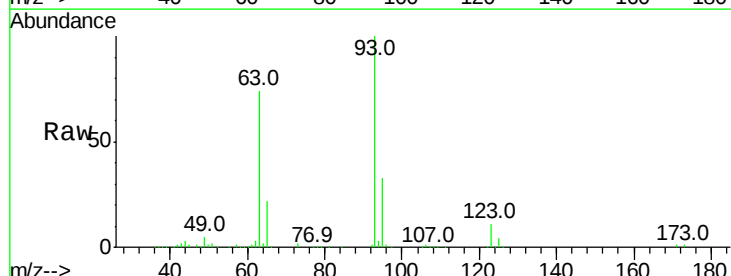
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

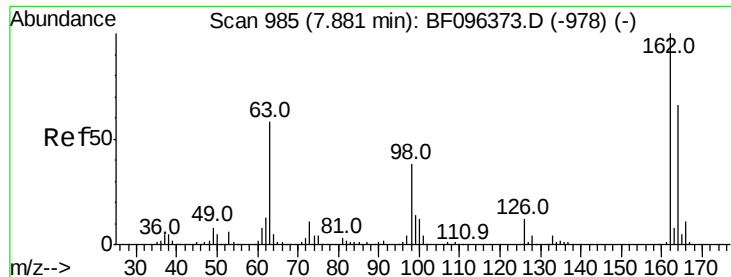
Tot Ion:122 Resp: 257445
 Ion Ratio Lower Upper
 122 100
 107 107.9 89.2 133.8
 121 57.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.46 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion: 93 Resp: 351046
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.5 39.7
 123 10.9 9.0 13.4

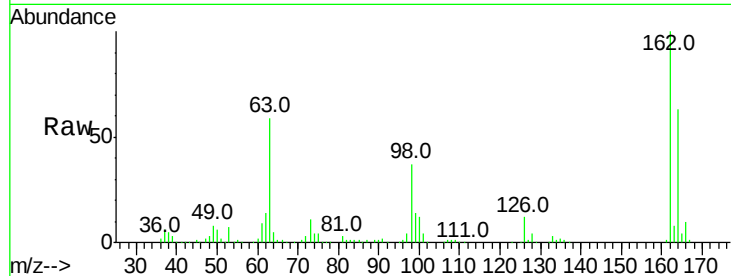




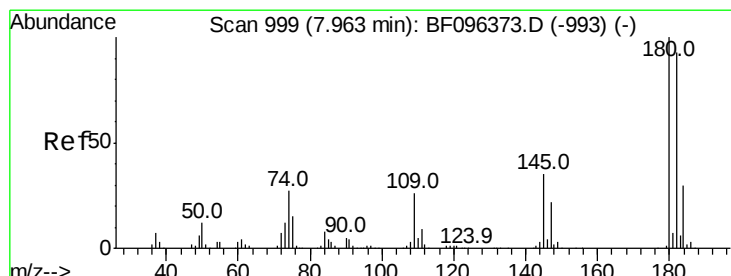
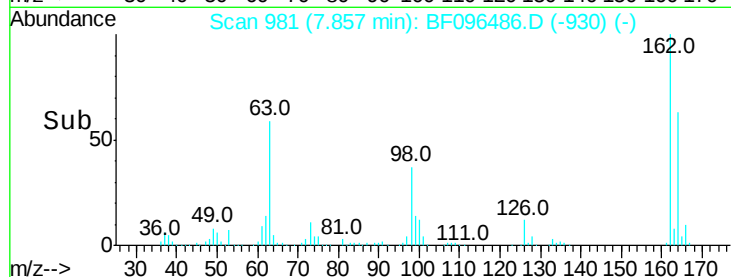
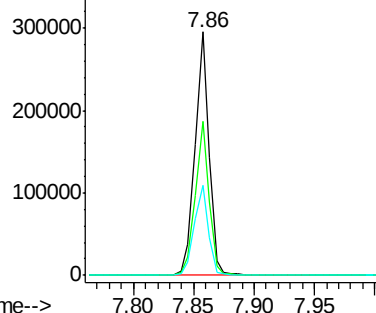
#29
2,4-Dichlorophenol
Concen: 37.63 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

Tot Ion:162 Resp: 237459
Ion Ratio Lower Upper
162 100
164 63.0 44.6 84.6
98 37.2 14.8 54.8

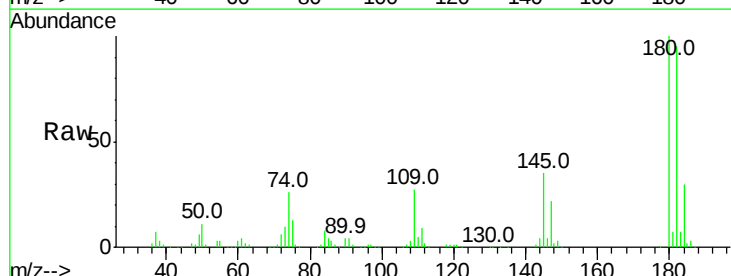


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

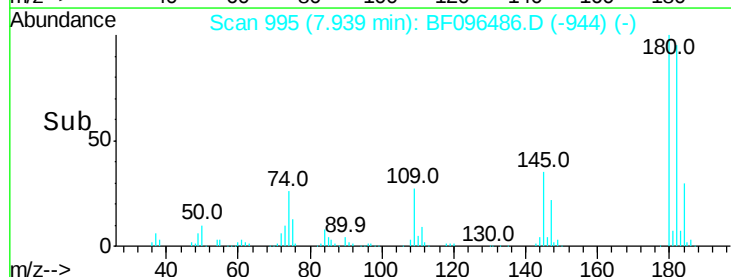
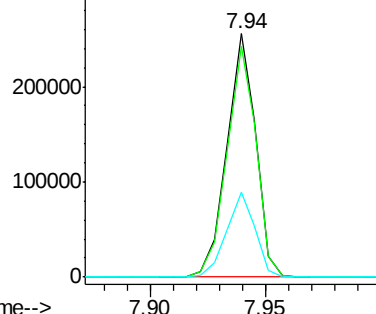


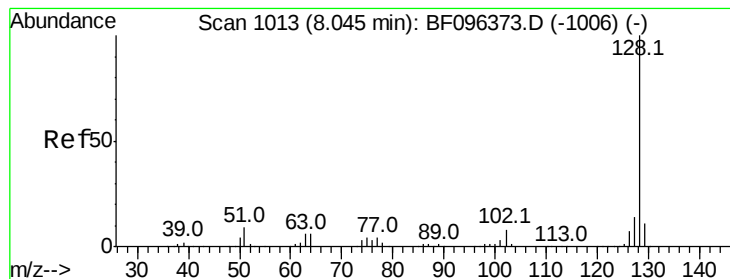
#30
1,2,4-Trichlorobenzene
Concen: 37.47 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:180 Resp: 223012
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.6
145 35.0 25.3 37.9



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





#31

Naphthalene

Concen: 37.69 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

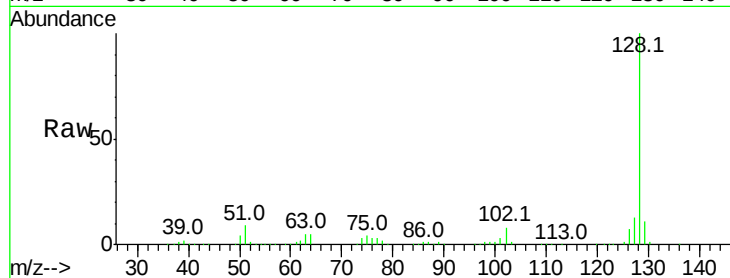
Tot Ion:128 Resp: 826976

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

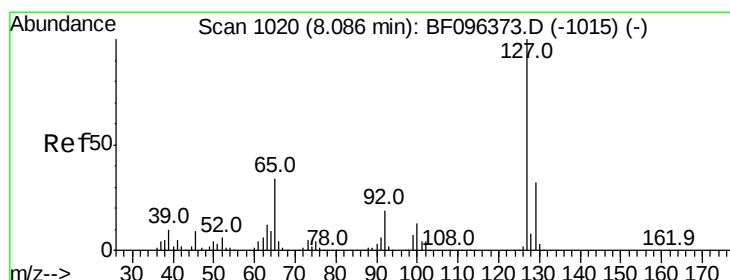
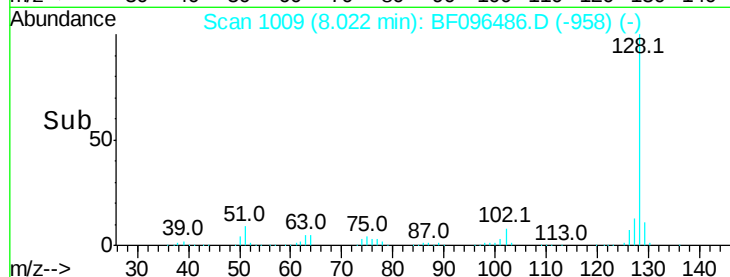
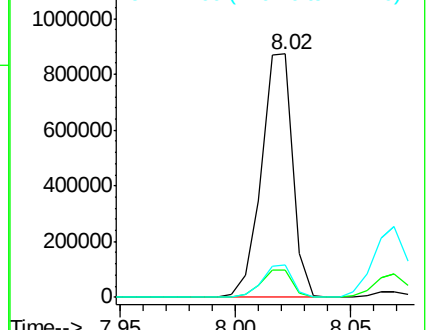
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 29.53 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Tgt Ion:127 Resp: 269114

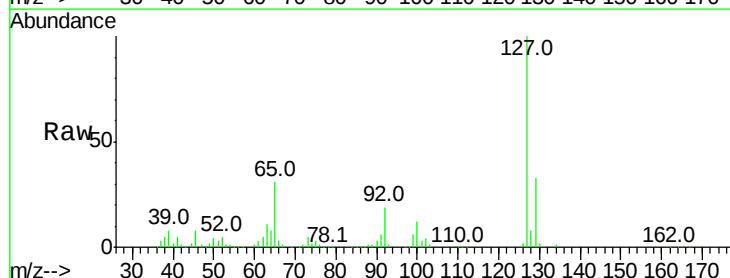
Ion Ratio Lower Upper

127 100

129 33.3 26.2 39.2

65 30.9 27.8 41.8

92 18.9 16.8 25.2

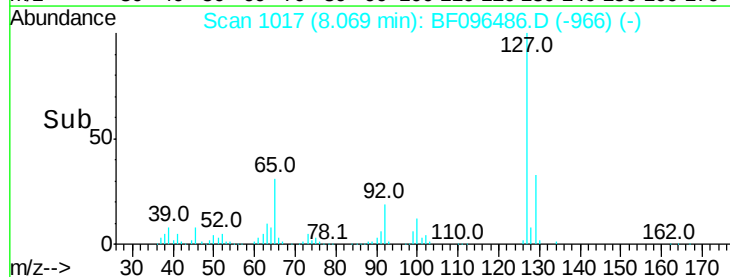
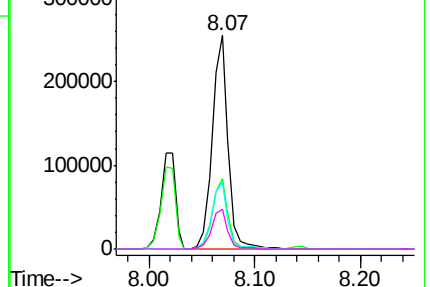


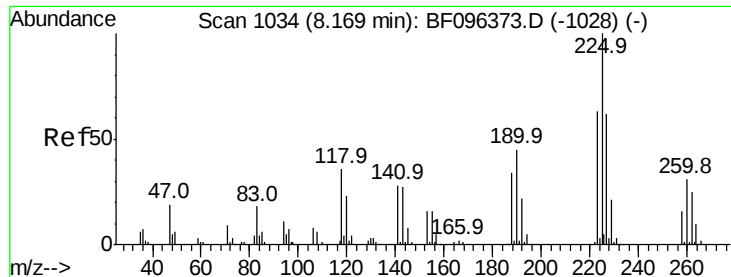
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

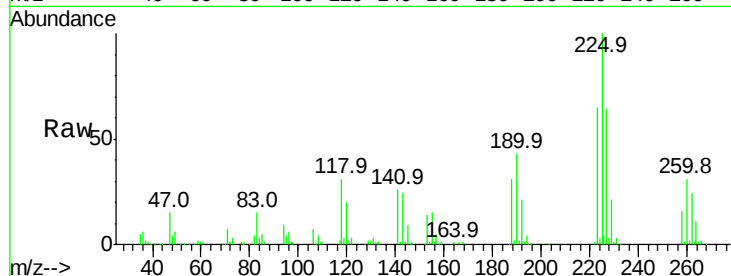




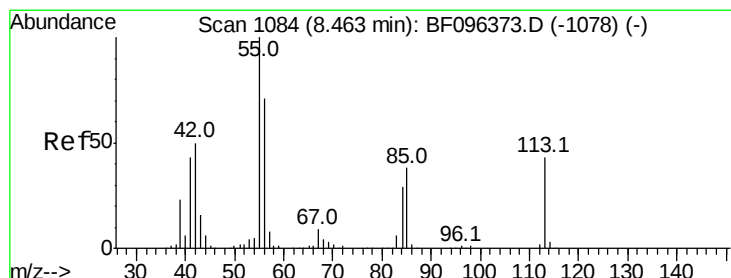
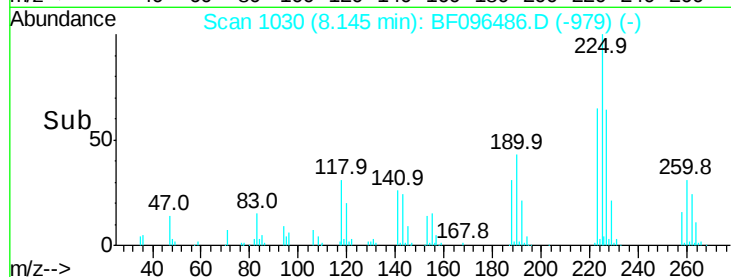
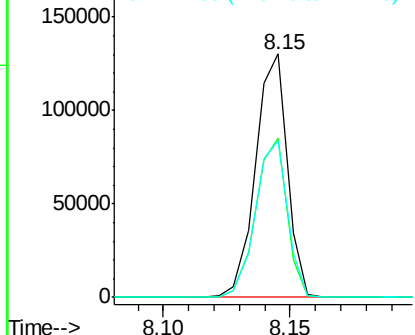
#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

Tot Ion:225 Resp: 114477
Ion Ratio Lower Upper
225 100
223 65.4 48.8 73.2
227 64.2 51.1 76.7

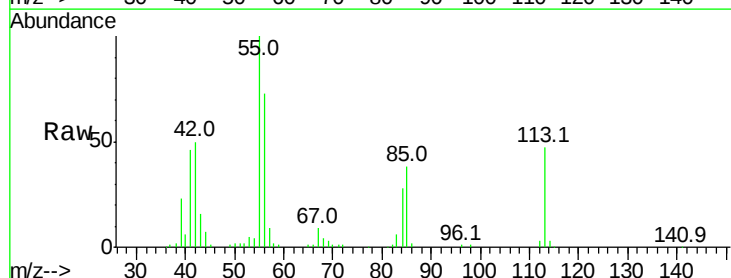


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

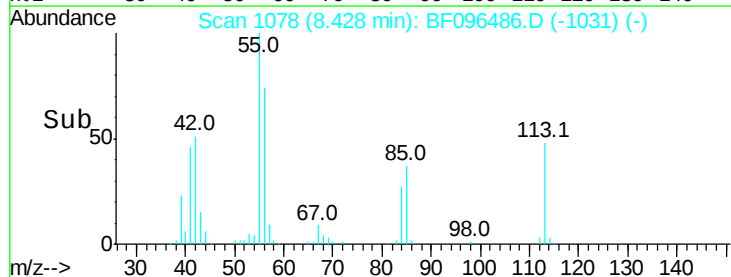
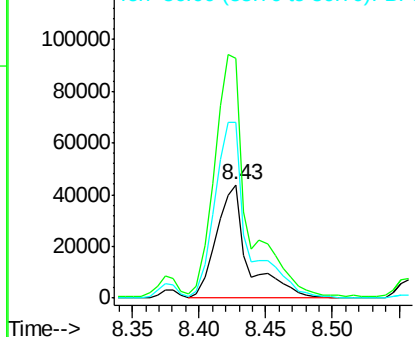


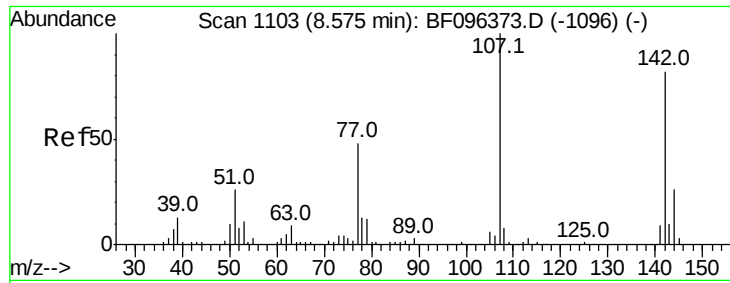
#35
Caprolactam
Concen: 33.68 ng
RT: 8.43 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:113 Resp: 73284
Ion Ratio Lower Upper
113 100
55 211.2 150.2 190.2#
56 154.9 107.8 147.8#



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

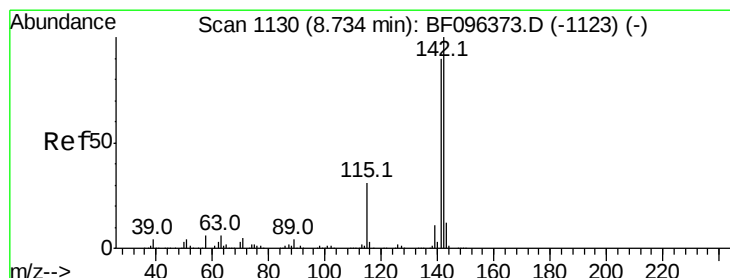
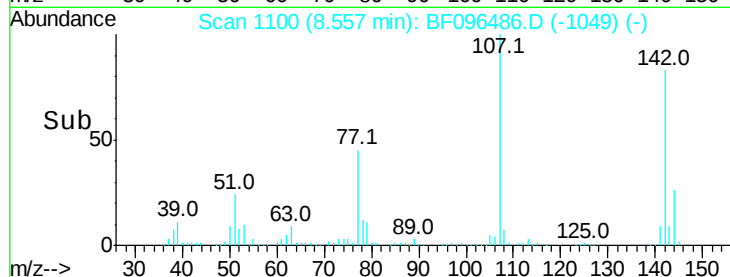
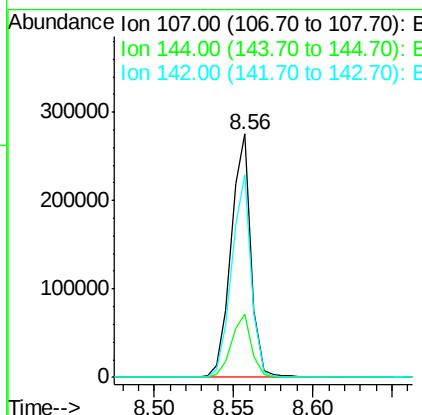
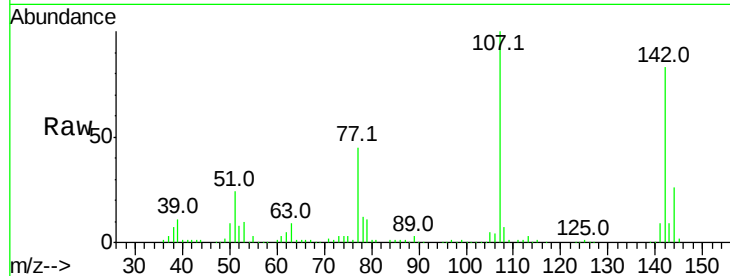




#36
 4-Chloro-3-methylphenol
 Concen: 34.31 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

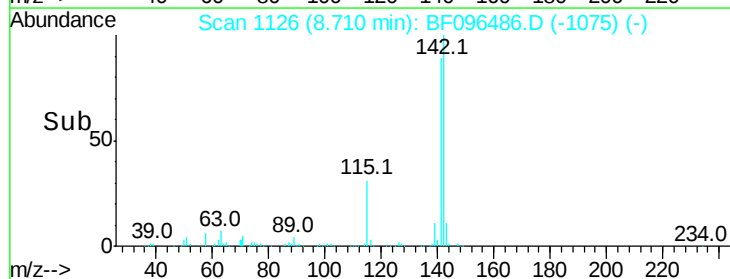
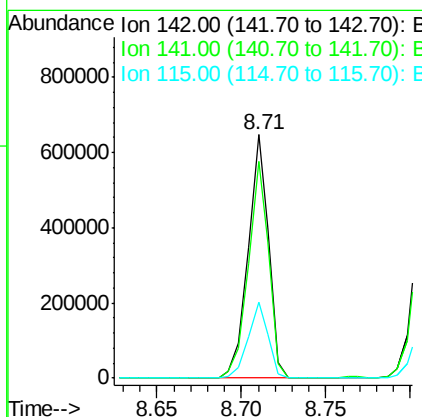
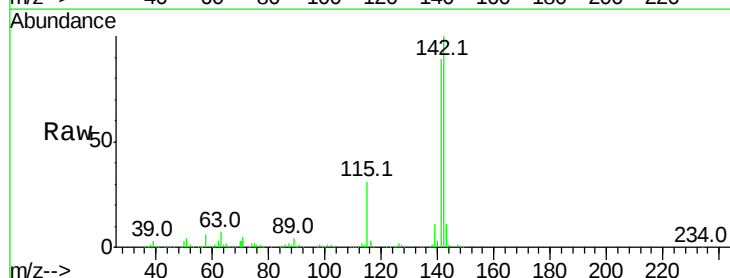
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

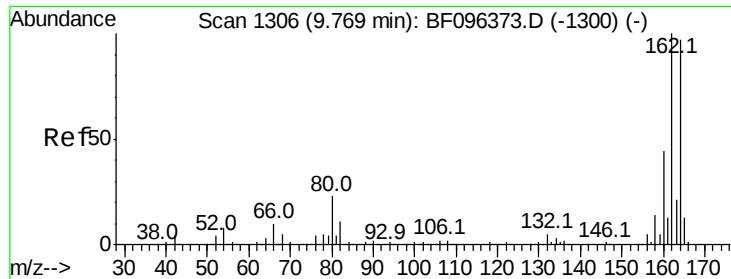
Tot Ion:107 Resp: 239571
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 83.1 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 39.32 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:142 Resp: 549219
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9
 115 30.9 27.1 40.7

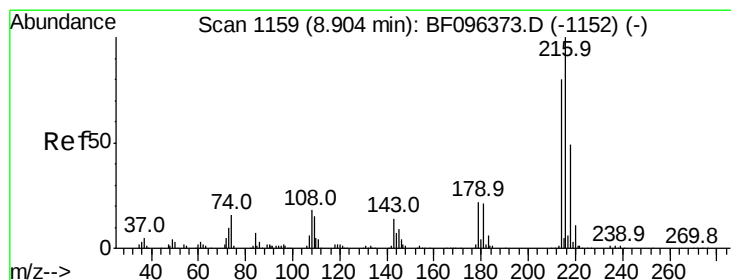
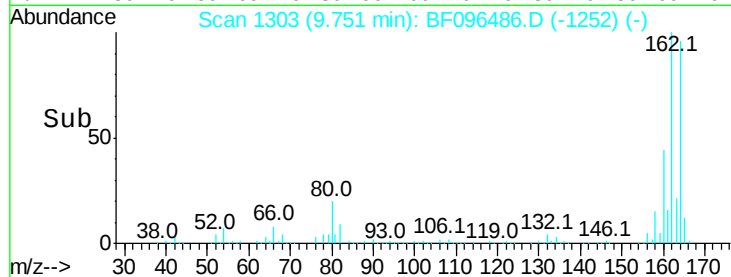
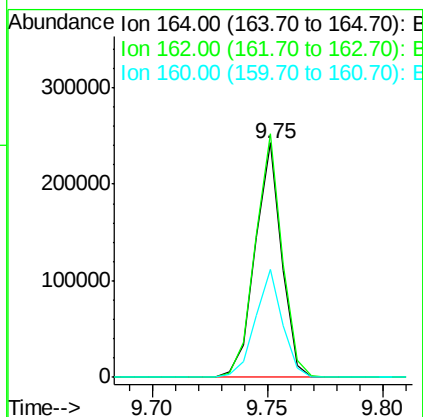
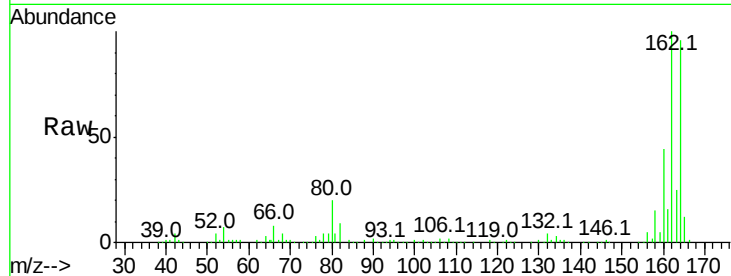




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

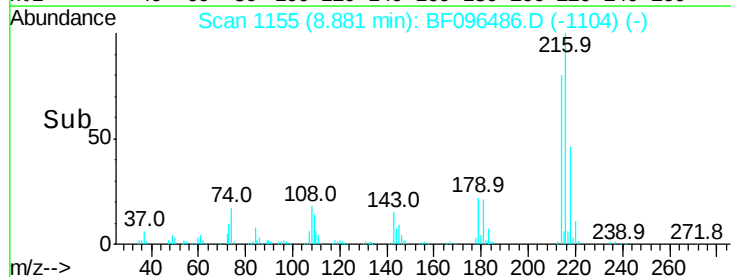
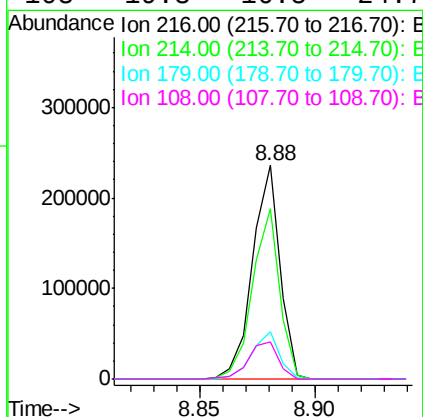
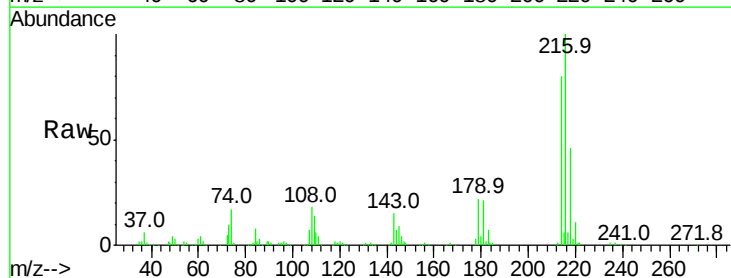
Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

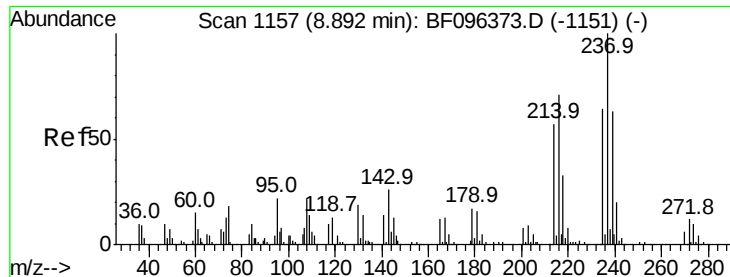
Tot Ion:164 Resp: 194655
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 46.0 36.2 54.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.00 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:216 Resp: 197110
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.2
179 22.0 17.9 26.9
108 19.3 16.5 24.7

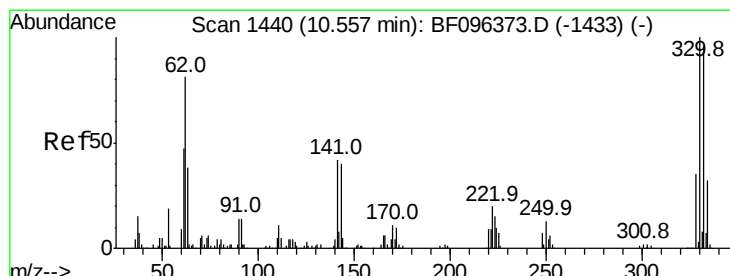
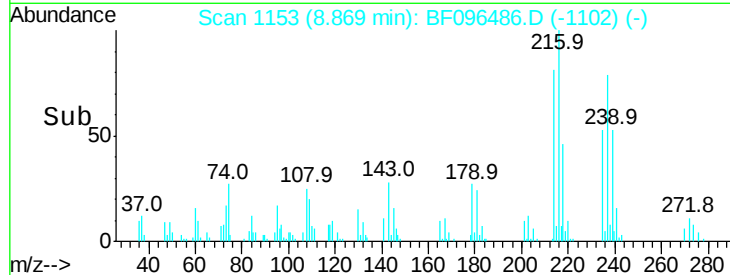
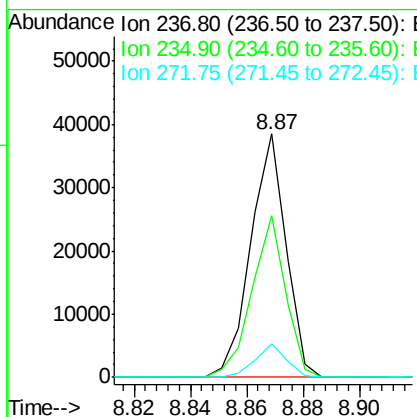
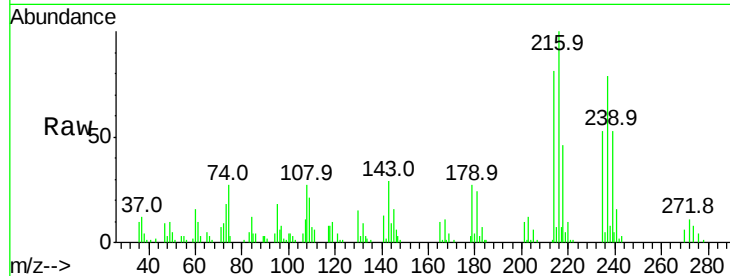




#40
 Hexachlorocyclopentadiene
 Concen: 13.55 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

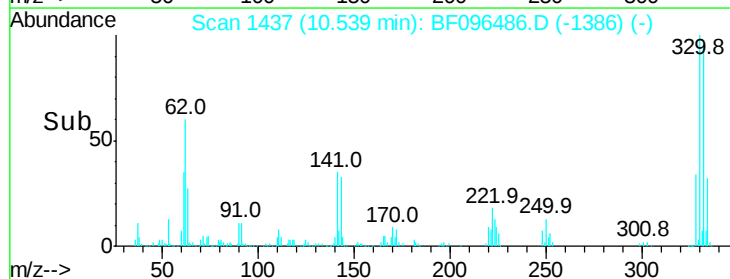
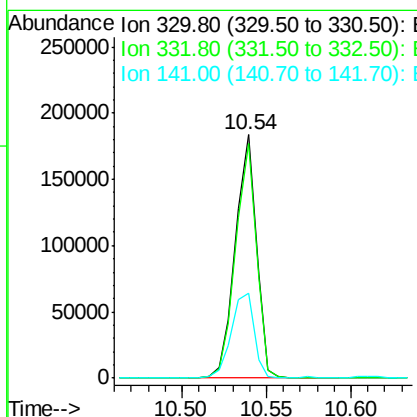
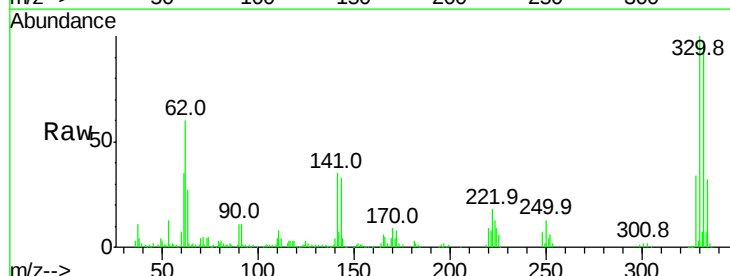
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

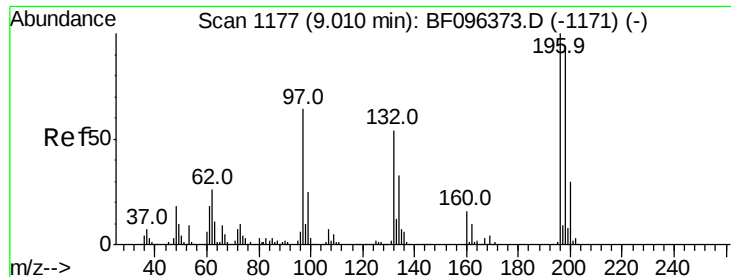
Tot Ion:	237	Resp:	33299
Ion	Ratio	Lower	Upper
237	100		
235	66.2	42.6	82.6
272	13.8	0.0	31.9



#41
 2,4,6-Tribromophenol
 Concen: 105.24 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:	330	Resp:	160024
Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	38.1	31.4	47.2





#42

2,4,6-Trichlorophenol

Concen: 35.09 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

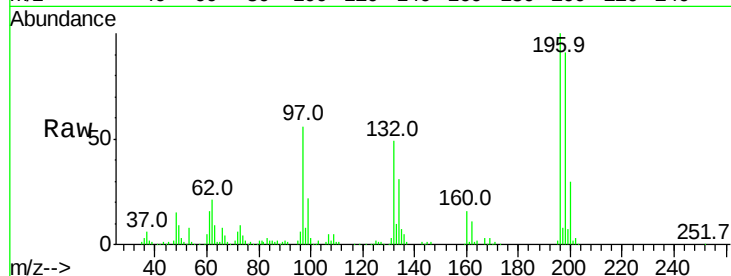
Tot Ion:196 Resp: 140315

Ion Ratio Lower Upper

196 100

198 91.3 74.2 111.4

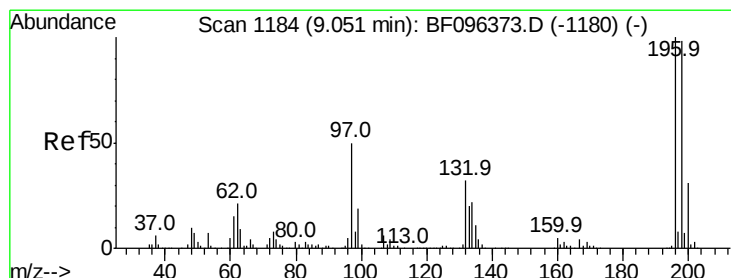
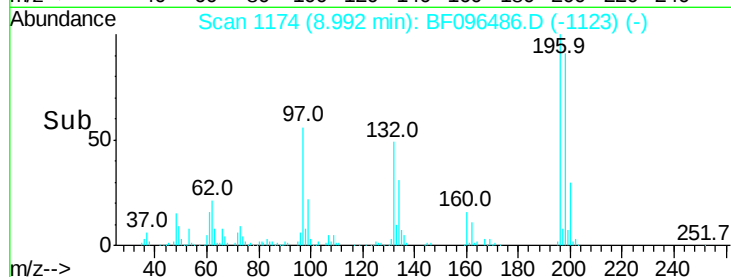
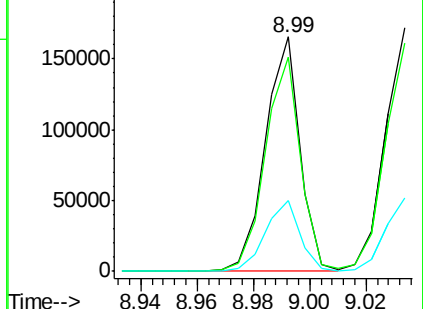
200 30.2 24.0 36.0



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: 36.44 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Tgt Ion:196 Resp: 144077

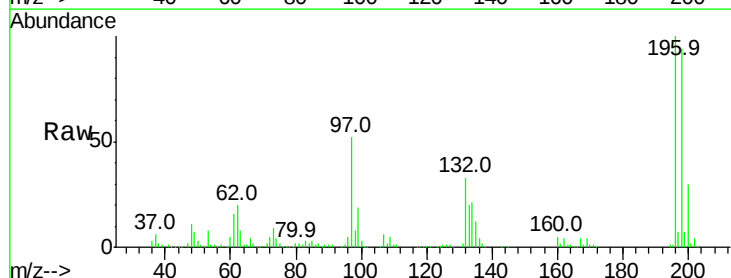
Ion Ratio Lower Upper

196 100

198 94.0 75.7 113.5

97 51.8 47.7 71.5

132 33.4 28.0 42.0

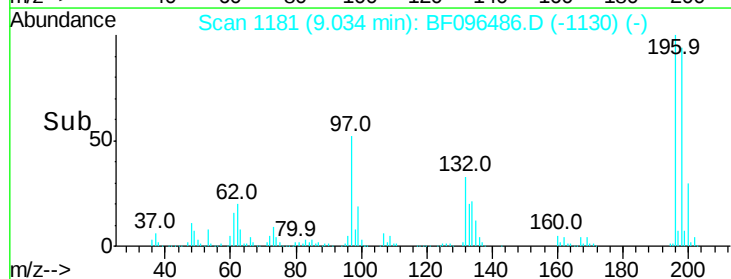
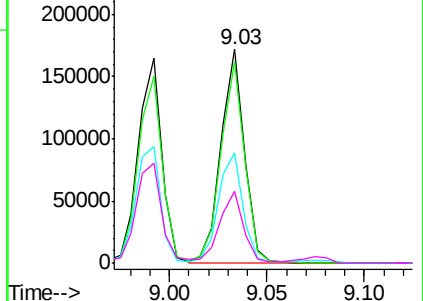


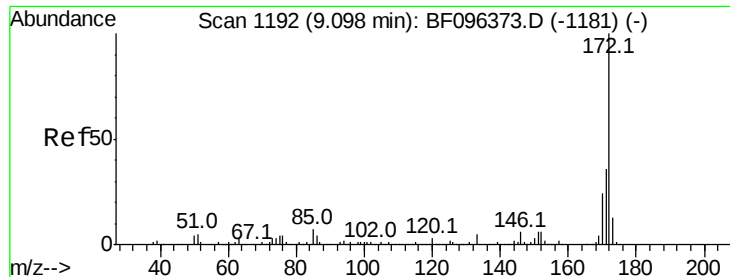
Abundance Ion 196.00 (195.70 to 196.70): E

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

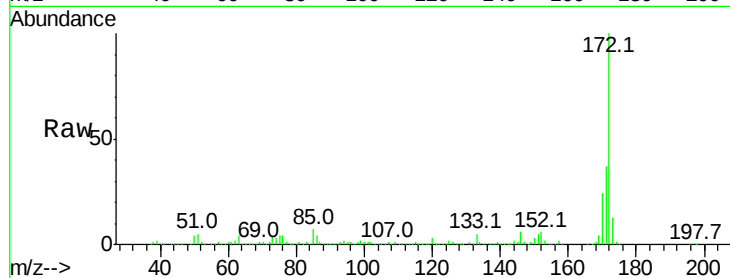




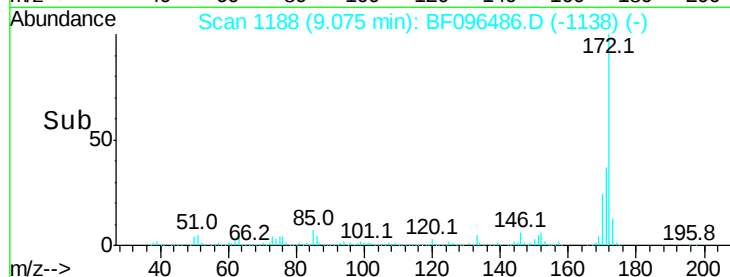
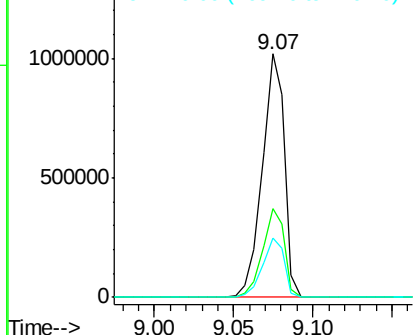
#44
2-Fluorobiphenyl
Concen: 87.57 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

Tot Ion:172 Resp: 996983
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.5 19.8 29.8

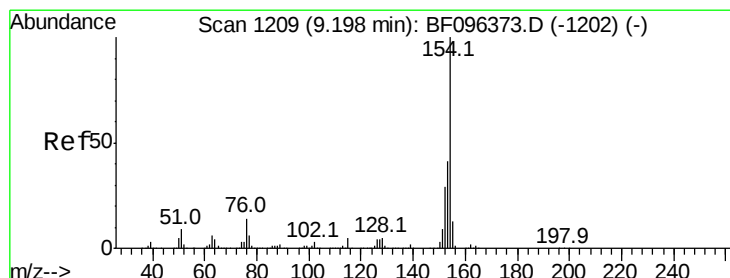


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

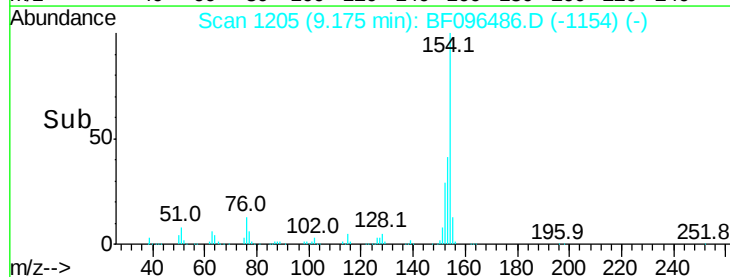
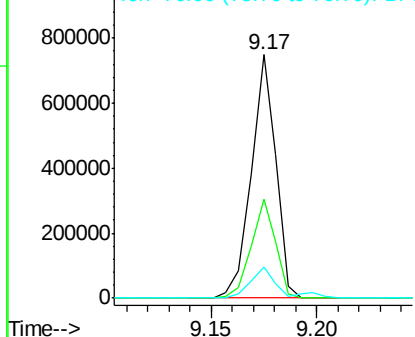


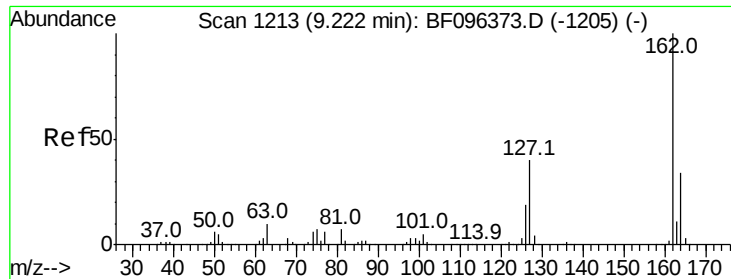
#45
1,1'-Biphenyl
Concen: 36.22 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:154 Resp: 604168
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 12.9 0.0 29.9



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

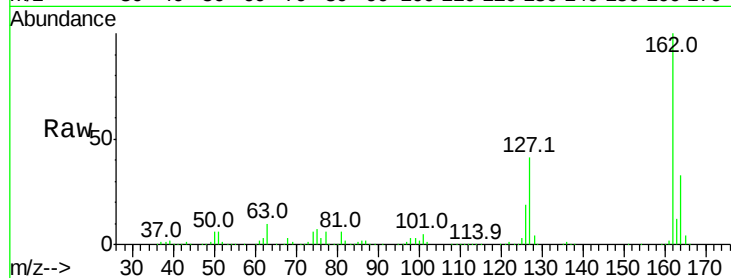




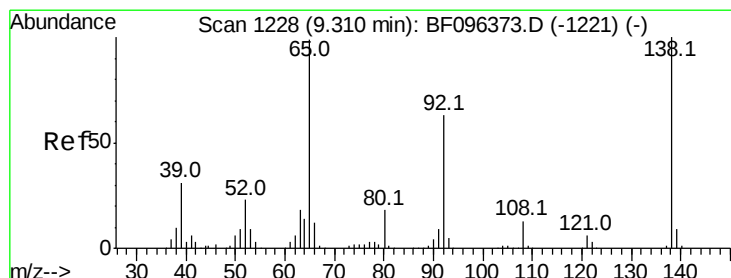
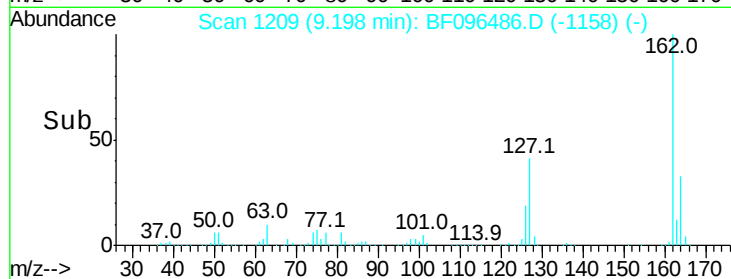
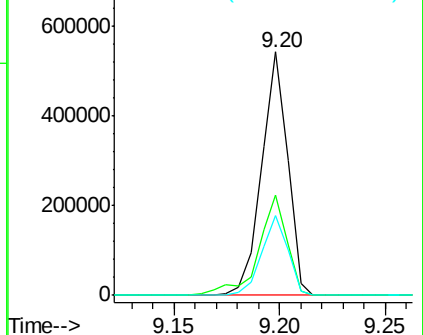
#46
 2-Chloronaphthalene
 Concen: 37.34 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

Tot Ion:162 Resp: 464140
 Ion Ratio Lower Upper
 162 100
 127 41.4 28.3 42.5
 164 32.8 27.0 40.4

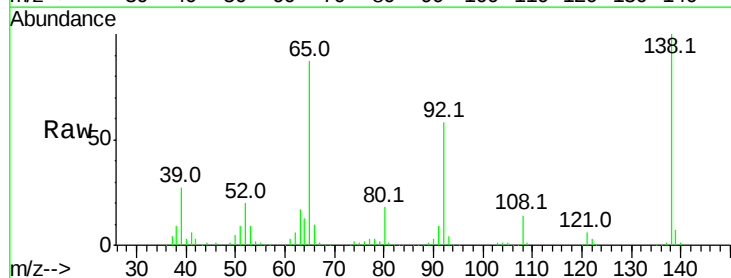


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

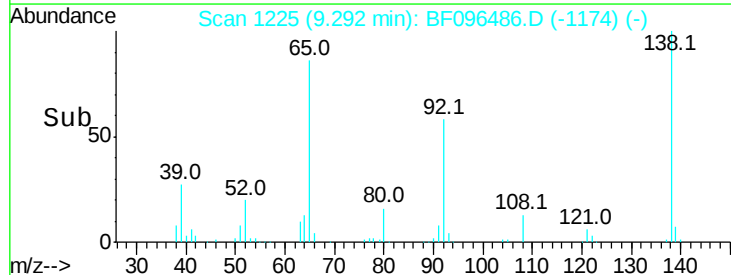
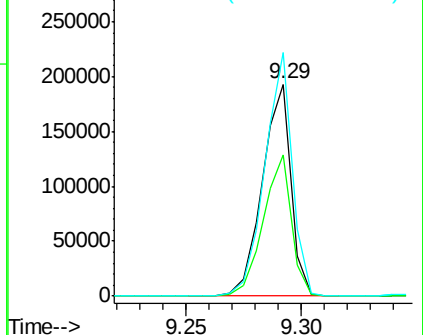


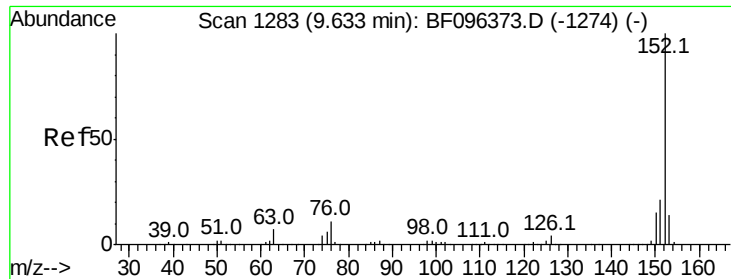
#47
 2-Nitroaniline
 Concen: 36.95 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion: 65 Resp: 167088
 Ion Ratio Lower Upper
 65 100
 92 66.9 53.9 80.9
 138 115.0 78.8 118.2



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





#48

Acenaphthylene

Concen: 38.55 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

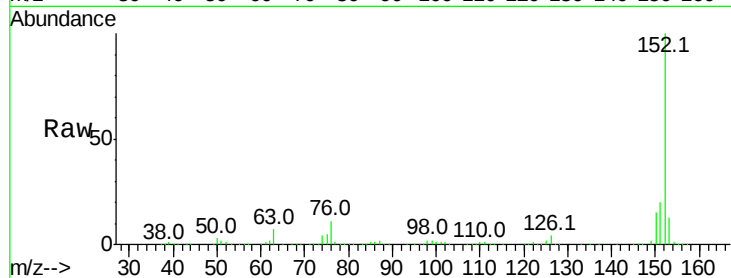
Tot Ion:152 Resp: 759247

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

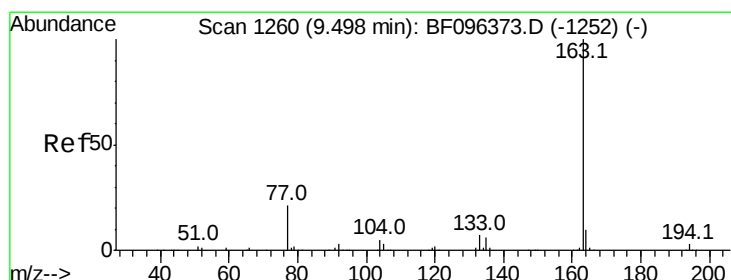
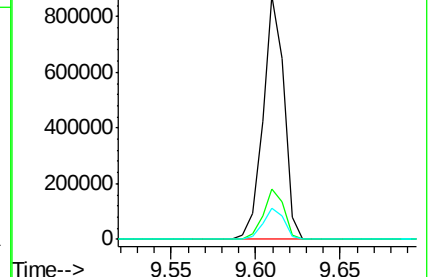
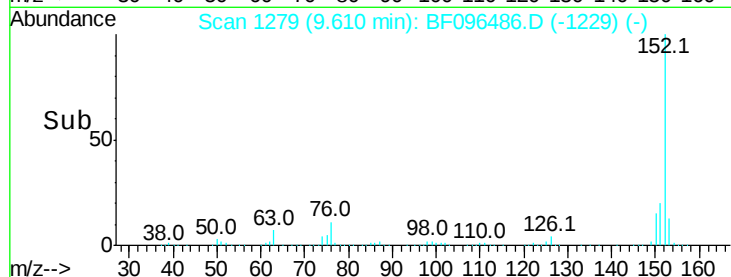
153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.96 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

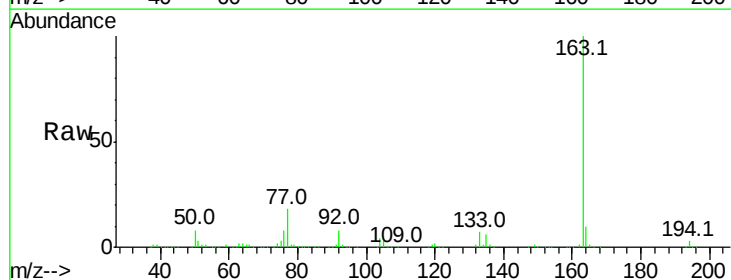
Tgt Ion:163 Resp: 726039

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

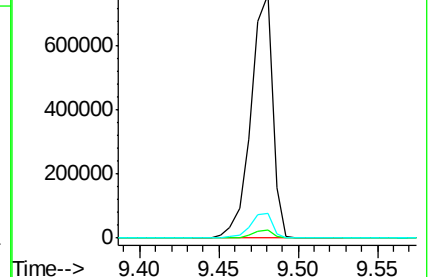
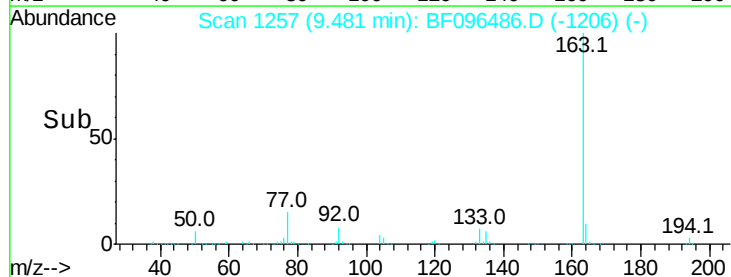
164 10.3 8.4 12.6

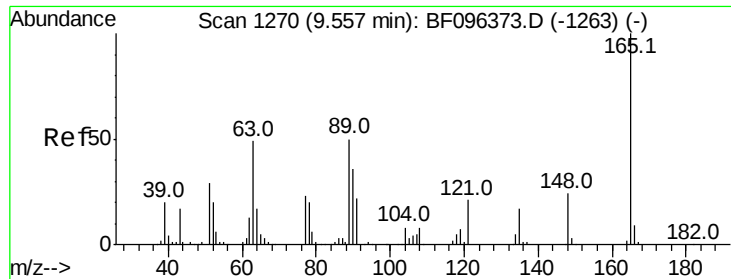


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

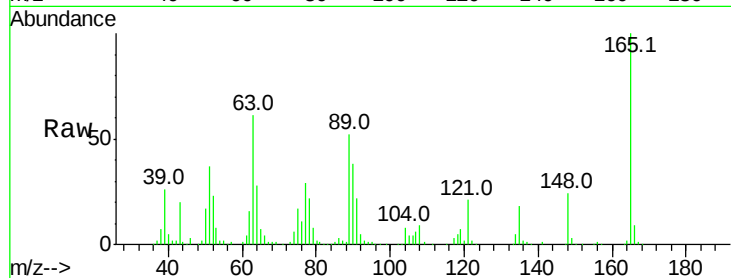




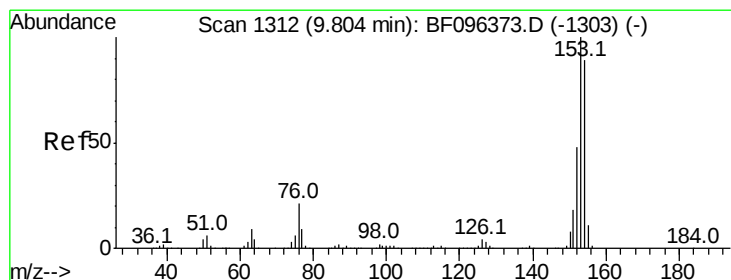
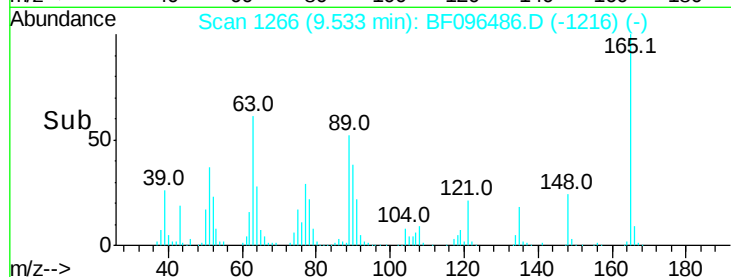
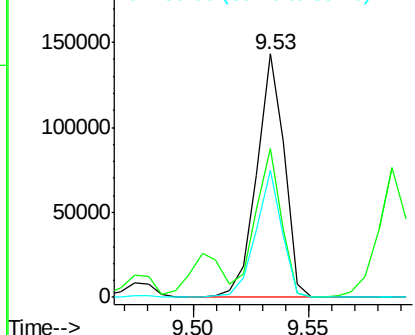
#50
2,6-Dinitrotoluene
Concen: 37.18 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

Tot Ion:165 Resp: 119457
Ion Ratio Lower Upper
165 100
63 61.2 34.3 51.5#
89 52.5 37.1 55.7

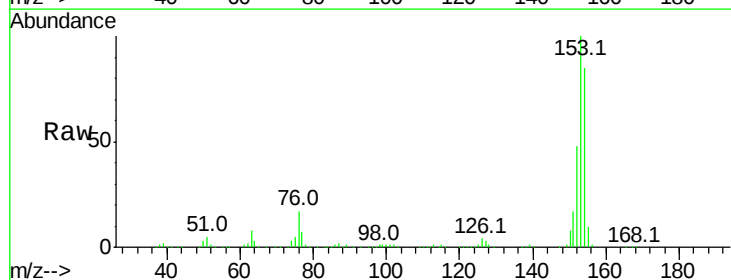


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

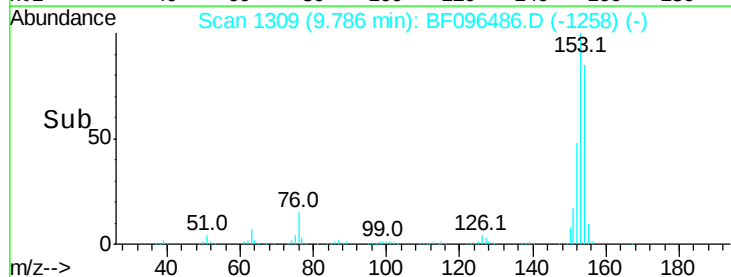
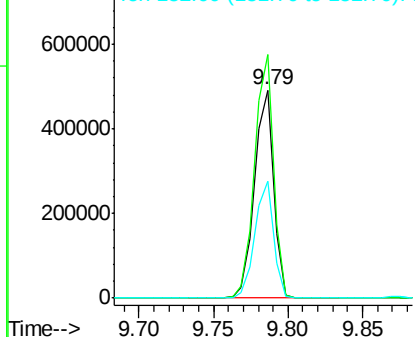


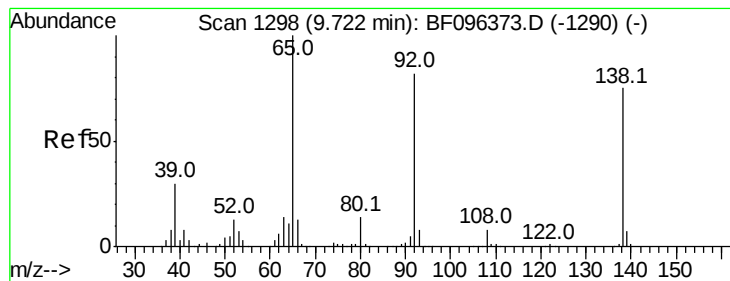
#51
Acenaphthene
Concen: 35.67 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:154 Resp: 433050
Ion Ratio Lower Upper
154 100
153 117.1 90.5 135.7
152 56.0 43.6 65.4



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: 36.76 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

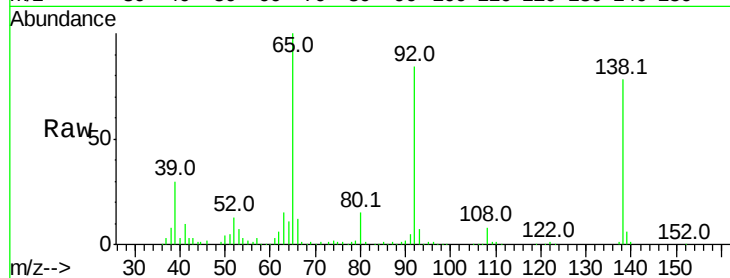
Tot Ion:138 Resp: 147339

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

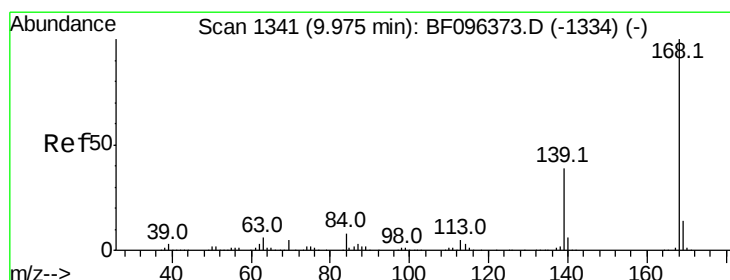
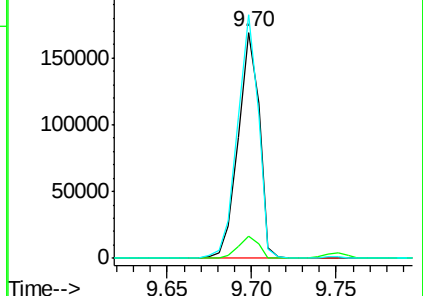
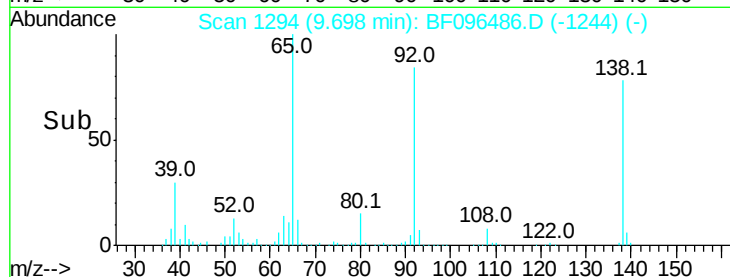
92 107.8 93.8 140.6



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



#54

Dibenzofuran

Concen: 37.94 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

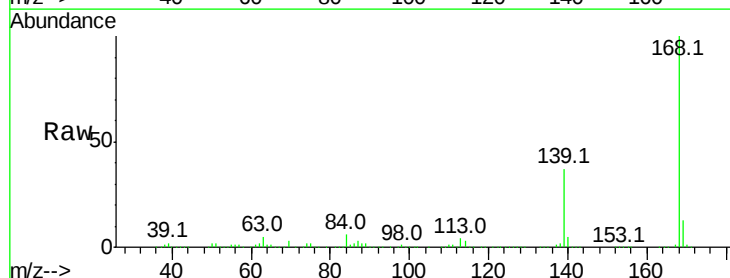
Tgt Ion:168 Resp: 608176

Ion Ratio Lower Upper

168 100

139 36.9 30.6 45.8

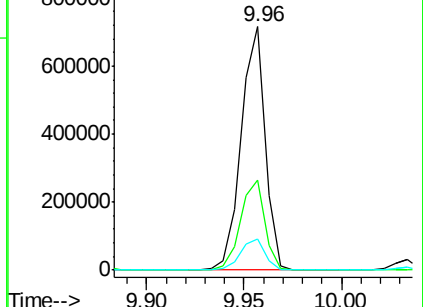
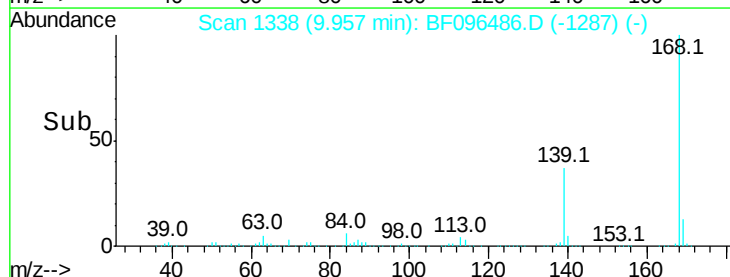
169 13.0 10.8 16.2

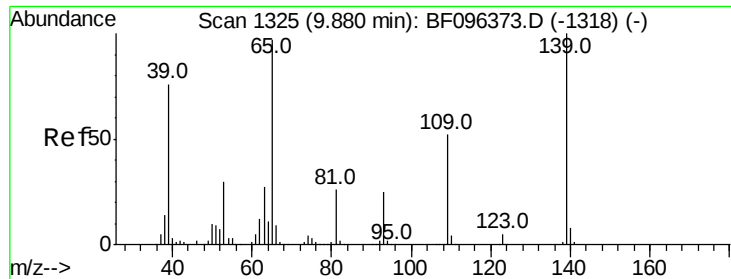


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 46.94 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

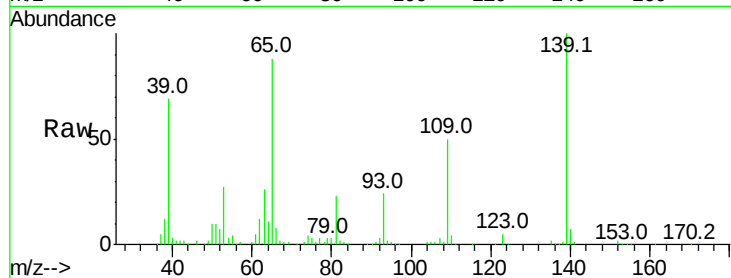
Tot Ion:139 Resp: 155922

Ion Ratio Lower Upper

139 100

109 50.3 34.1 74.1

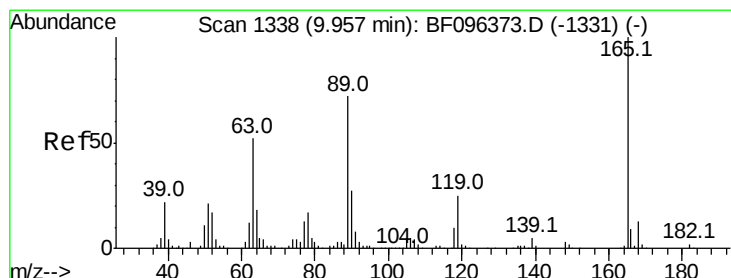
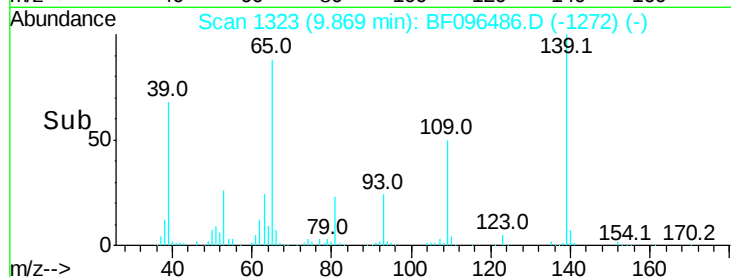
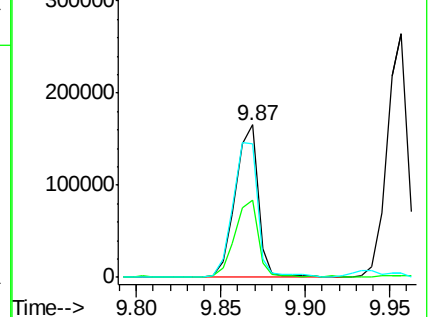
65 87.8 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.56 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Tgt Ion:165 Resp: 136577

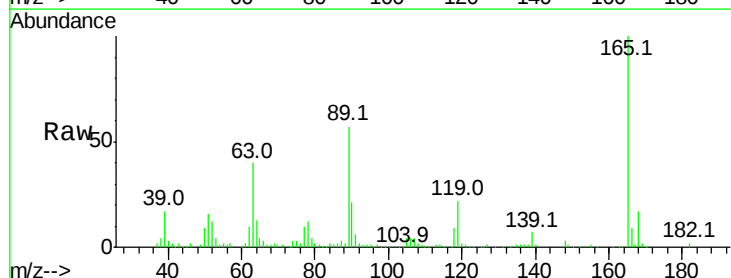
Ion Ratio Lower Upper

165 100

63 39.9 25.4 38.0#

89 56.8 46.4 69.6

182 1.9 1.8 2.6

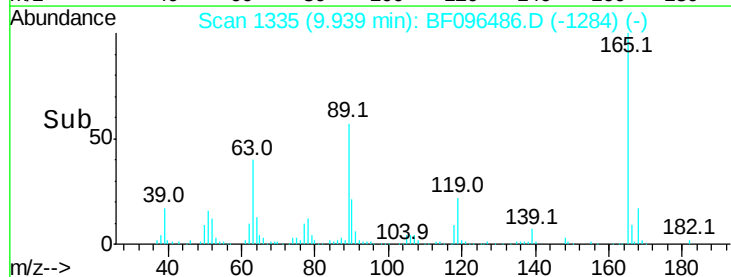
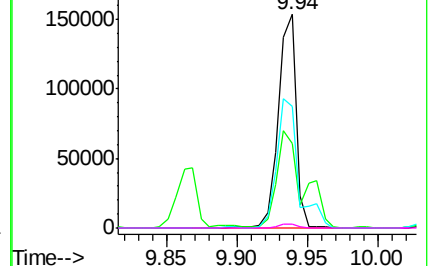


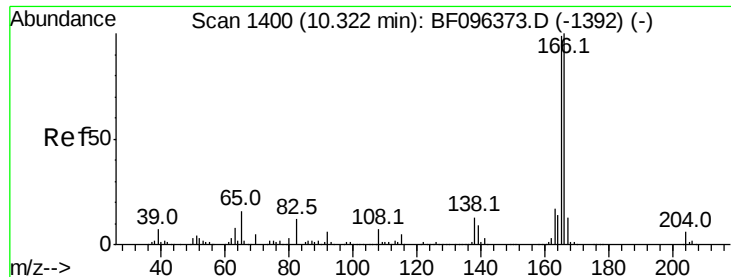
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

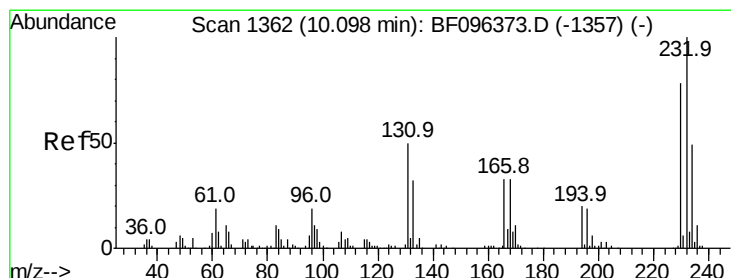
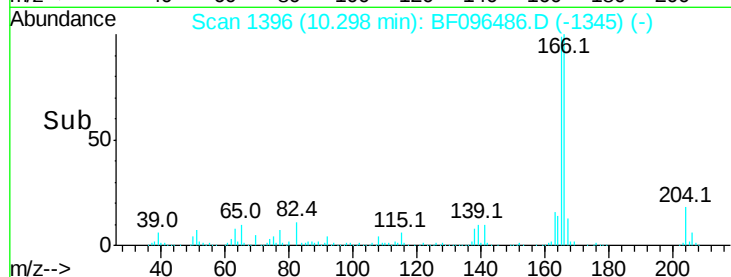
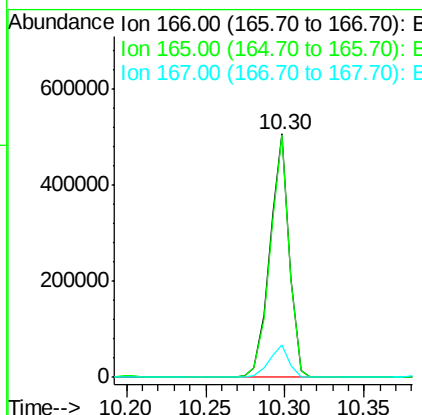
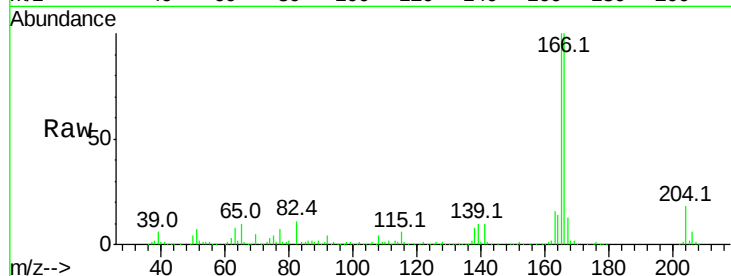




#57
Fluorene
 Concen: 38.18 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

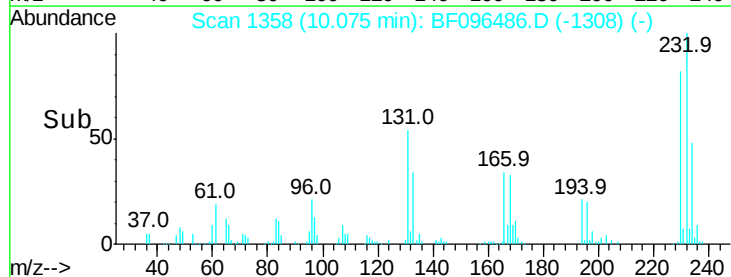
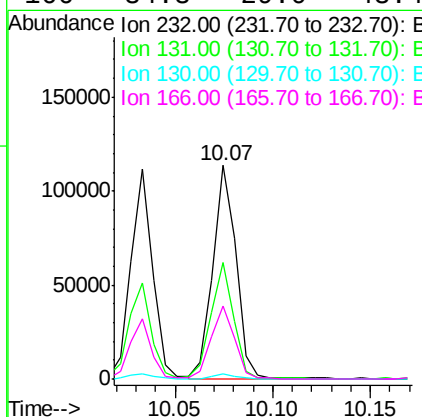
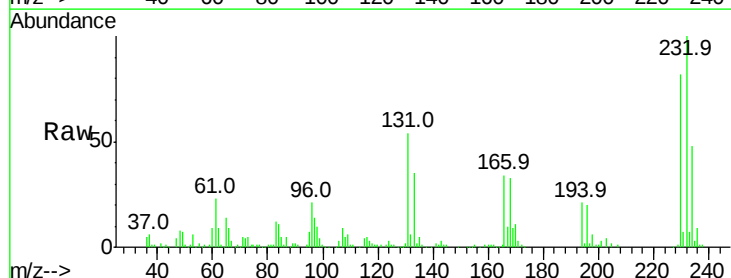
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

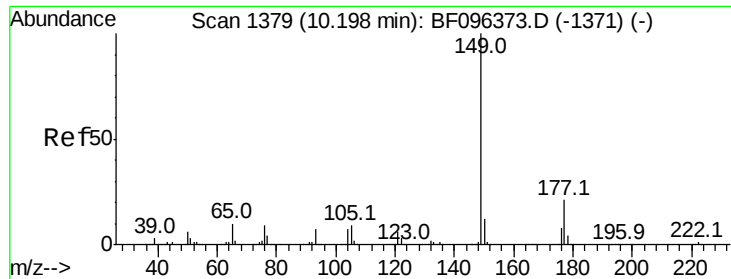
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.3	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.45 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.0	44.8	67.2
130	2.3	2.3	3.5#
166	34.3	29.0	43.4

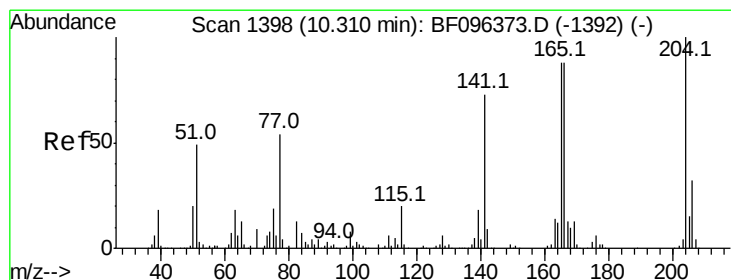
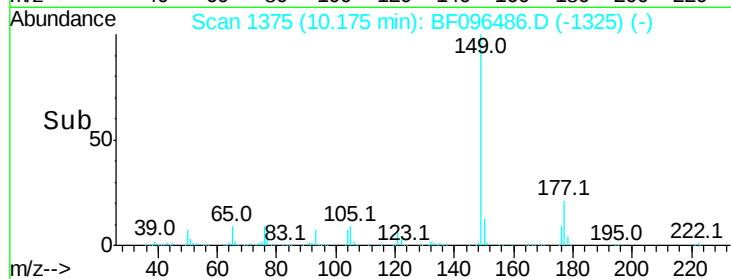
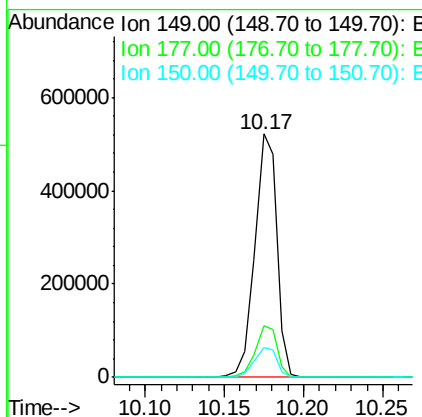
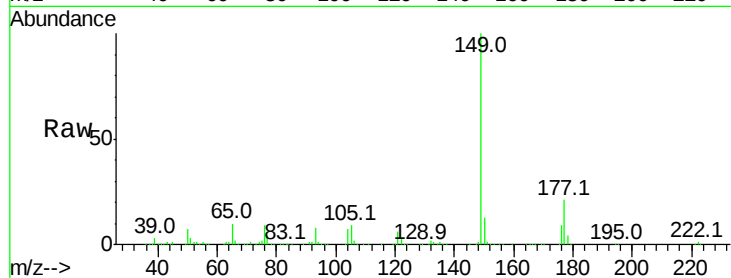




#59
Diethylphthalate
Concen: 36.83 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

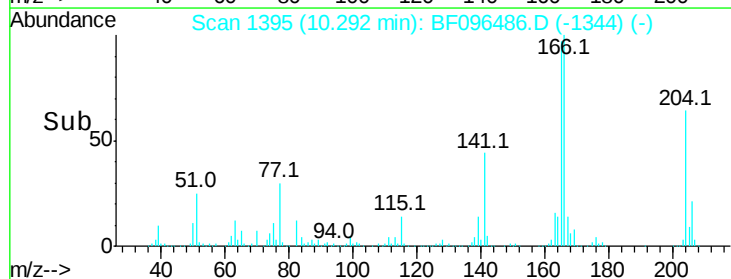
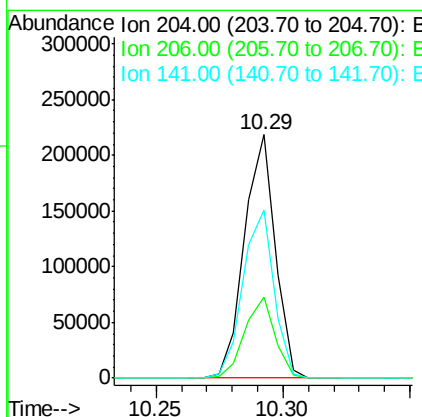
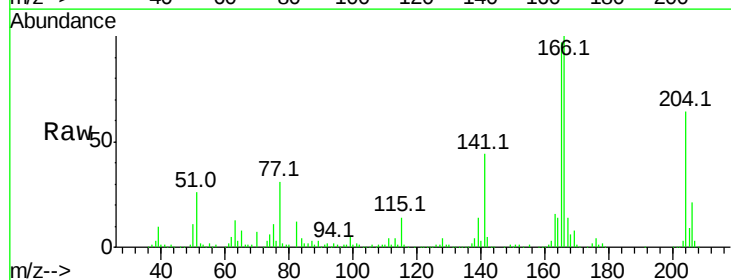
Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

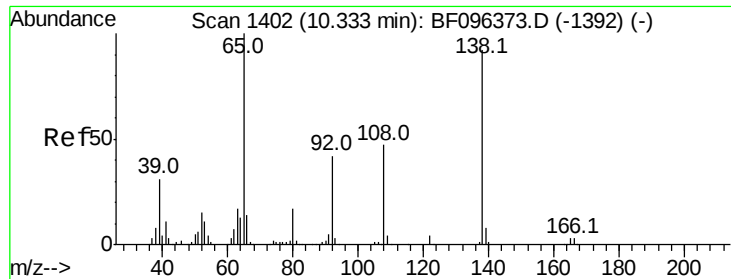
Tot Ion:149 Resp: 505807
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.54 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:204 Resp: 184908
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 69.1 60.8 91.2

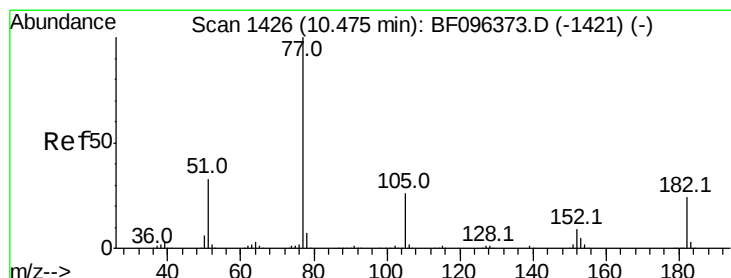
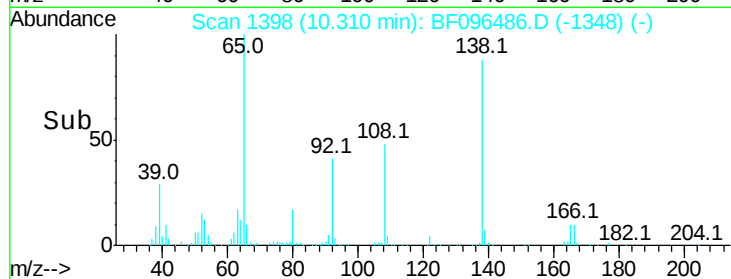
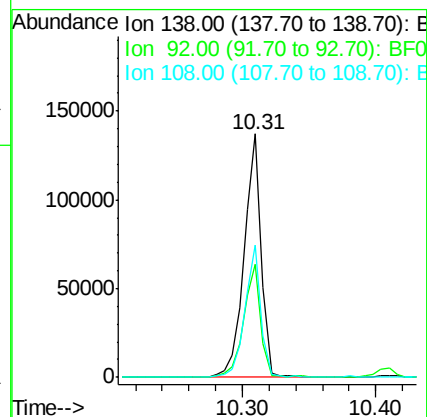
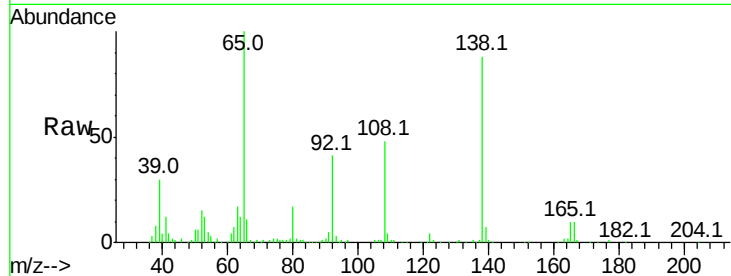




#61
4-Nitroaniline
Concen: 33.65 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

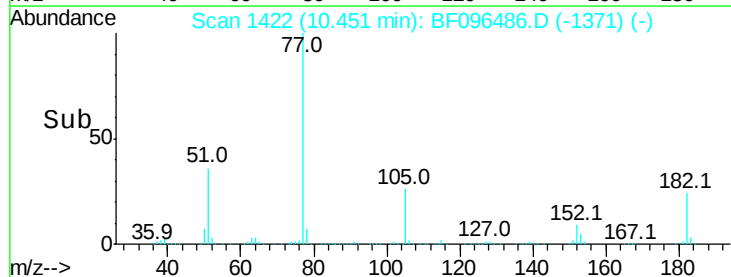
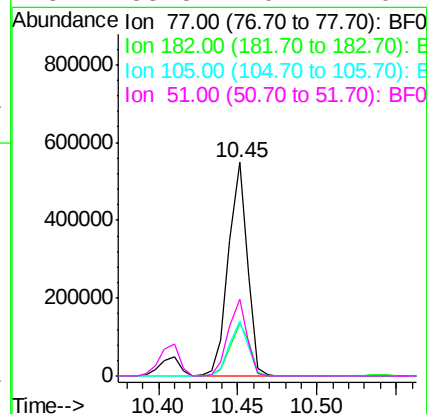
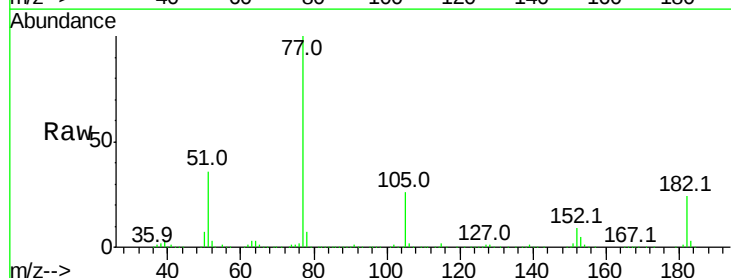
Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

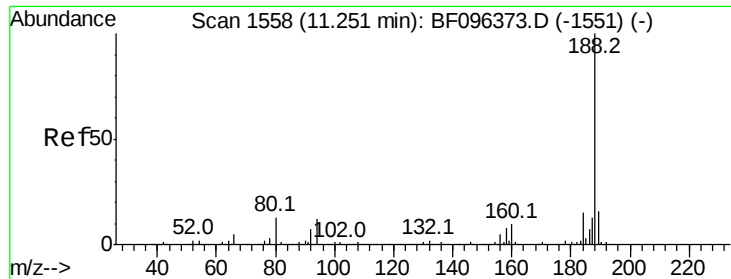
Tot Ion:138 Resp: 122618
Ion Ratio Lower Upper
138 100
92 46.6 21.8 61.8
108 54.6 42.3 82.3



#62
Azobenzene
Concen: 34.02 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion: 77 Resp: 451818
Ion Ratio Lower Upper
77 100
182 24.4 0.1 40.1
105 26.0 3.6 43.6
51 35.8 9.4 49.4

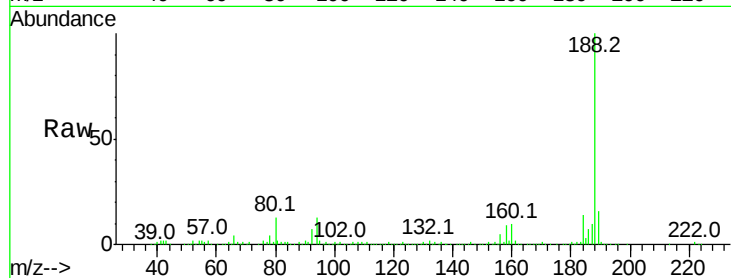




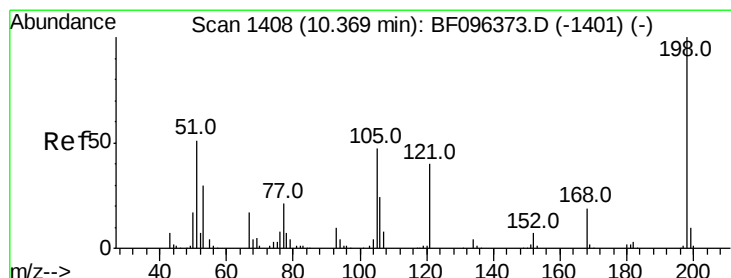
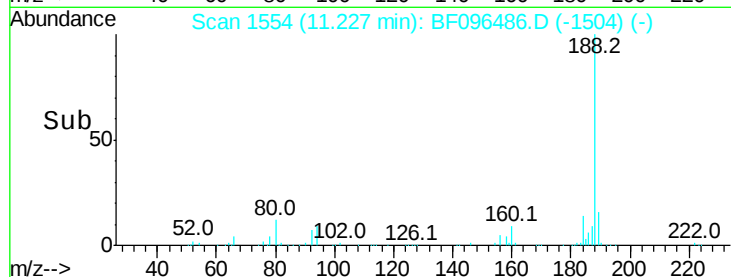
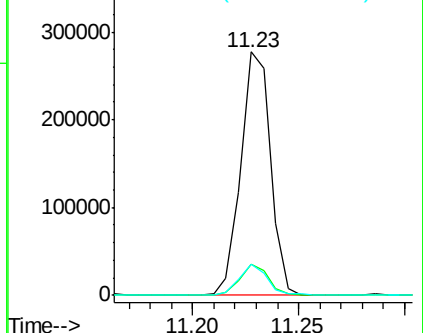
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

Tot Ion:188 Resp: 269960
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.4 14.2
 80 12.9 10.2 15.2

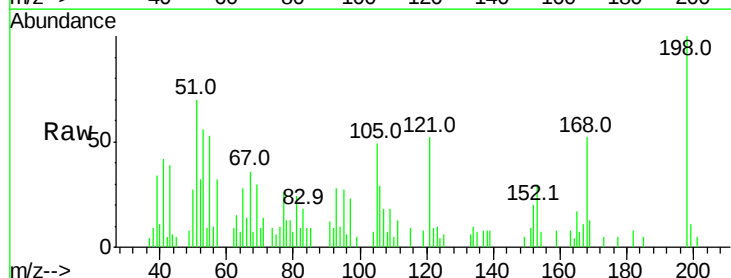


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

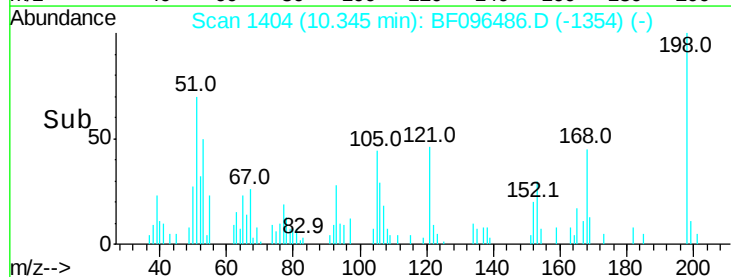
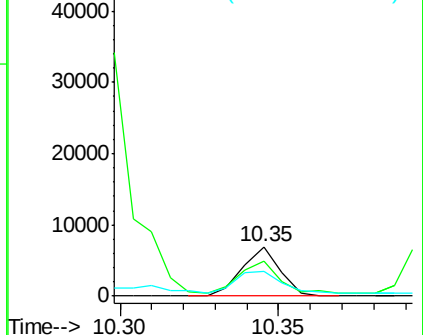


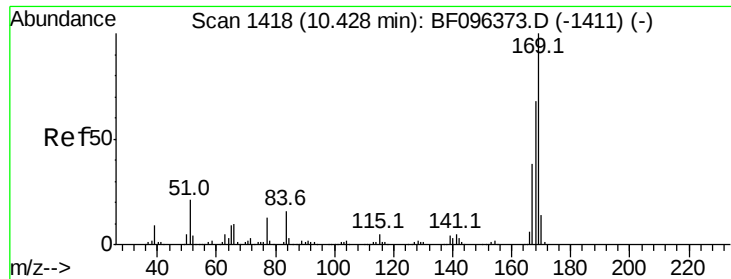
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.06 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:198 Resp: 5704
 Ion Ratio Lower Upper
 198 100
 51 69.6 53.2 93.2
 105 49.3 45.8 85.8



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

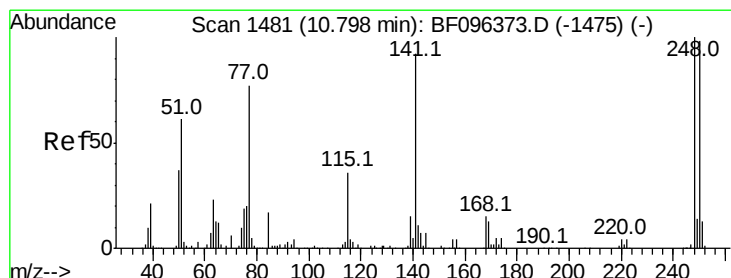
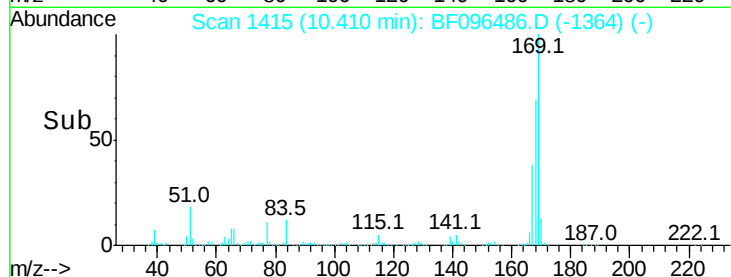
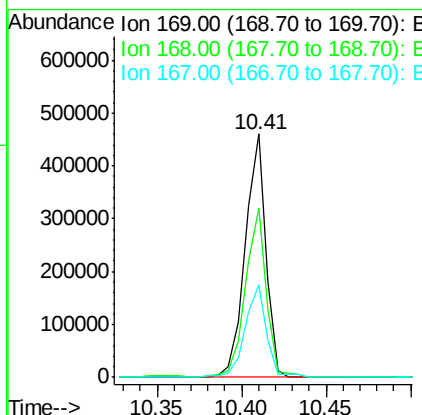
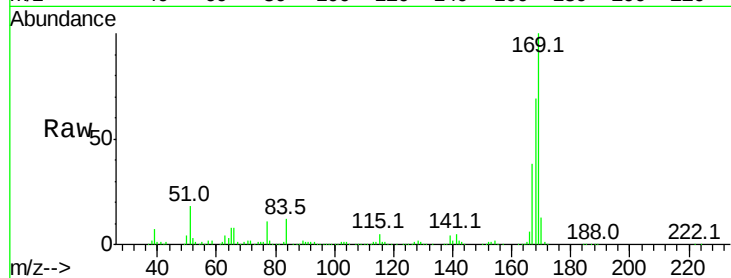




#65
n-Nitrosodiphenylamine
Concen: 41.51 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

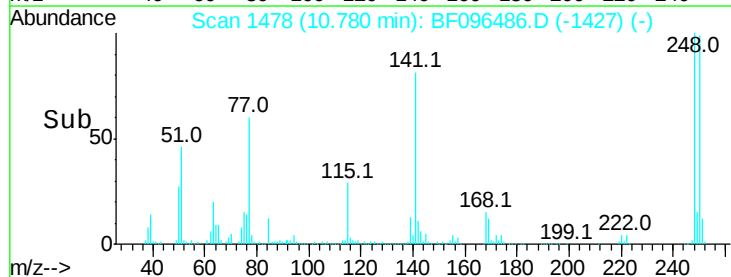
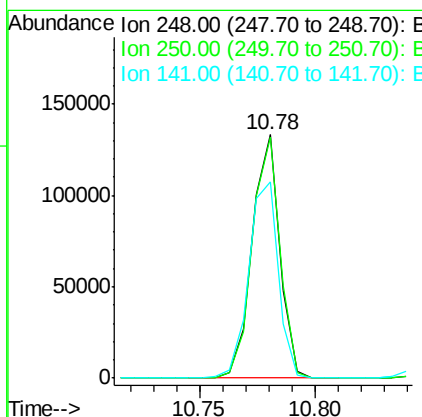
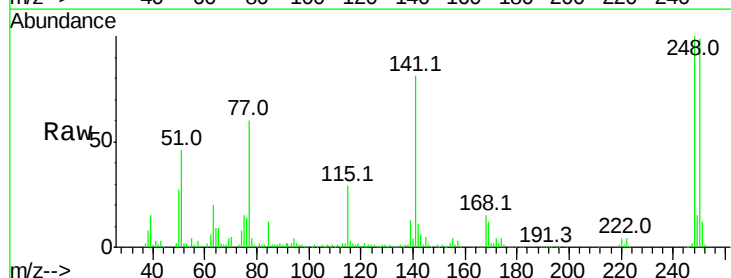
Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

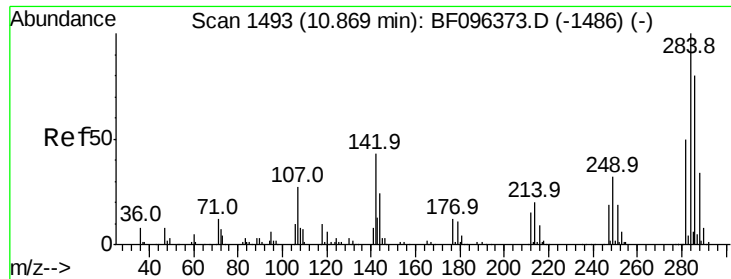
Tot Ion:169 Resp: 393186
Ion Ratio Lower Upper
169 100
168 69.4 53.2 79.8
167 38.0 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 42.39 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:248 Resp: 111397
Ion Ratio Lower Upper
248 100
250 99.1 76.8 115.2
141 80.6 68.6 103.0

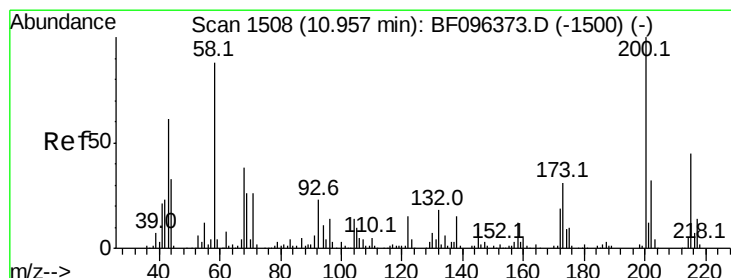
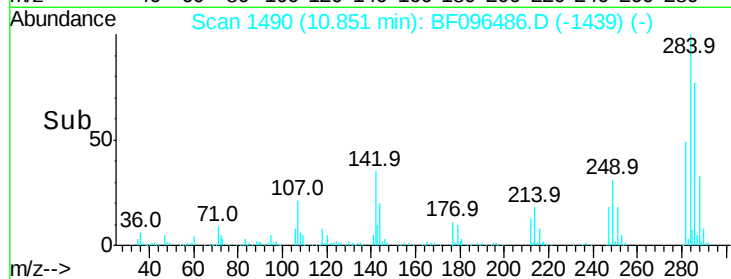
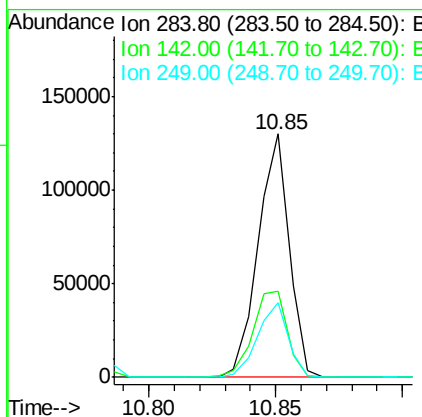
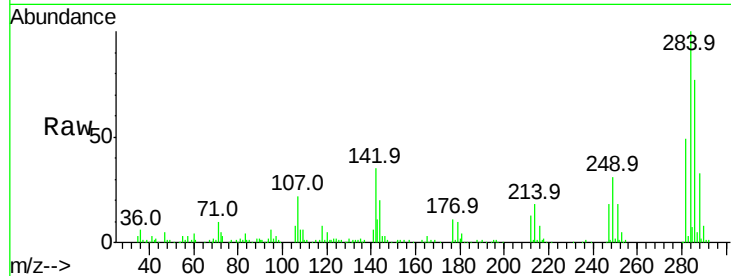




#67
Hexachlorobenzene
Concen: 38.86 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

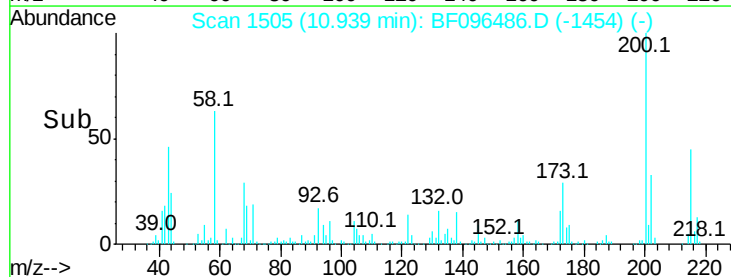
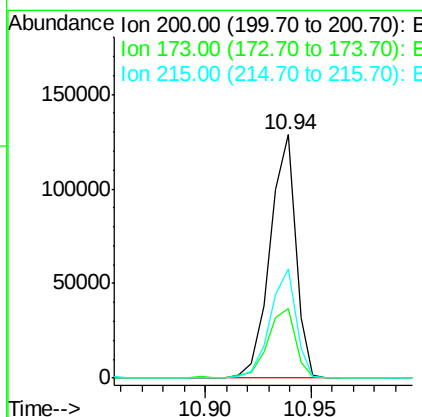
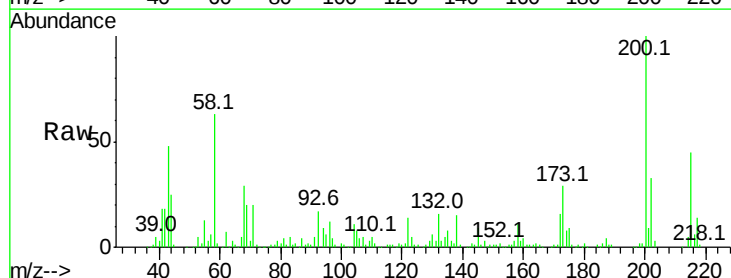
Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

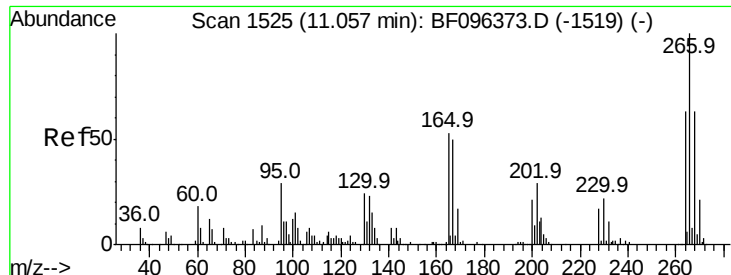
Tot Ion:284 Resp: 111781
Ion Ratio Lower Upper
284 100
142 35.2 22.8 34.2#
249 30.7 24.0 36.0



#68
Atrazine
Concen: 40.45 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:200 Resp: 109463
Ion Ratio Lower Upper
200 100
173 28.6 6.3 46.3
215 44.8 27.2 67.2

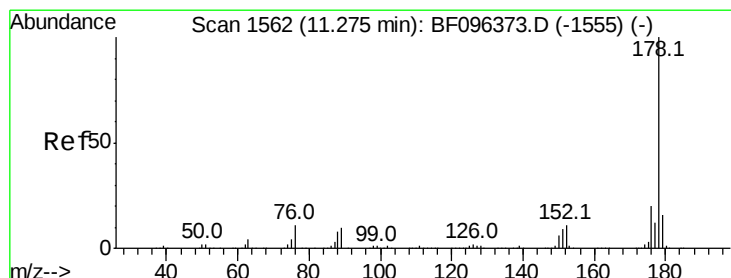
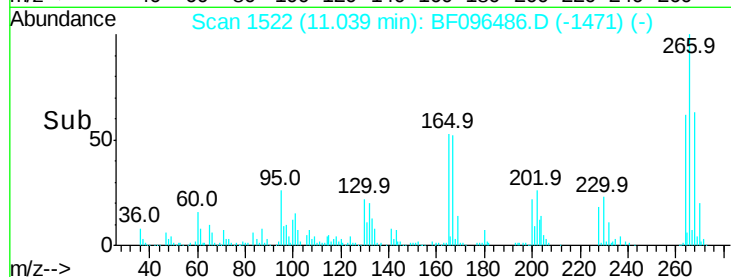
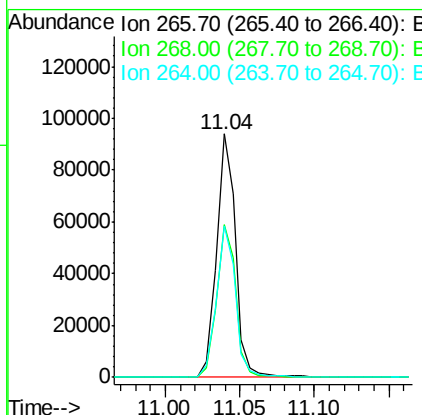
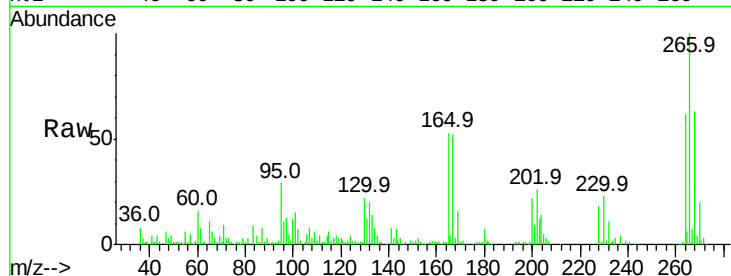




#69
 Pentachlorophenol
 Concen: 49.01 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

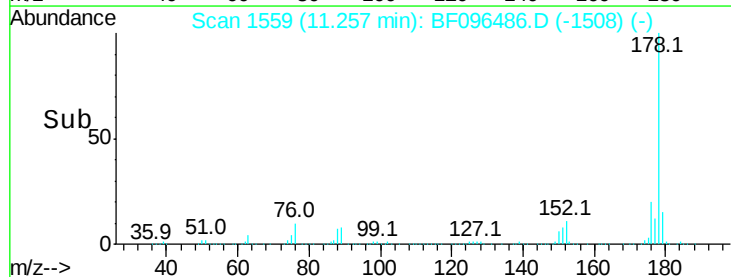
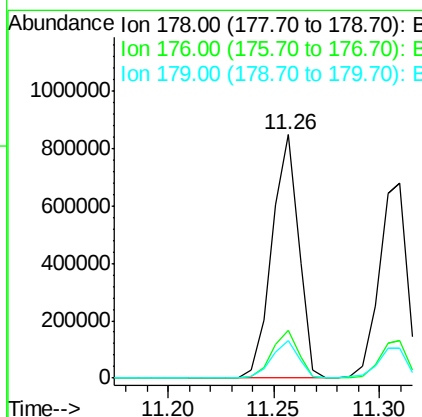
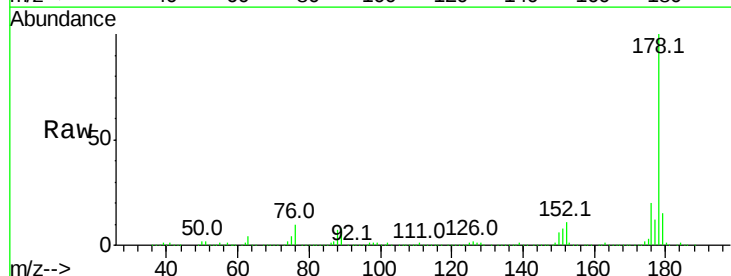
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

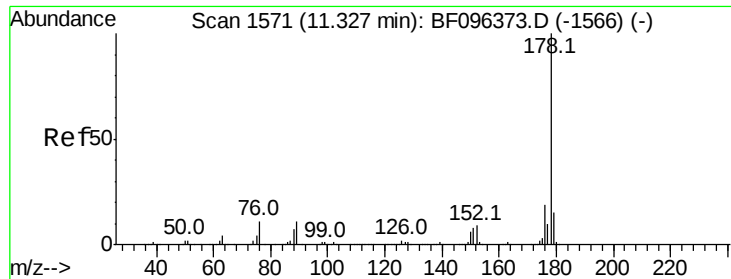
Tot Ion:266 Resp: 83567
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 62.0 51.7 77.5



#70
 Phenanthrene
 Concen: 51.28 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:178 Resp: 748354
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.4 12.6 19.0

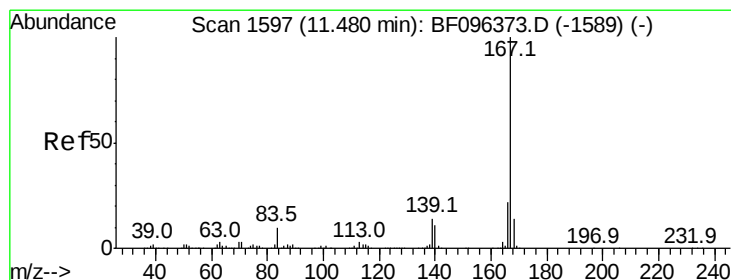
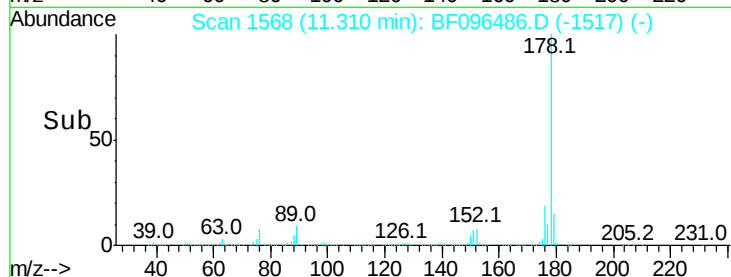
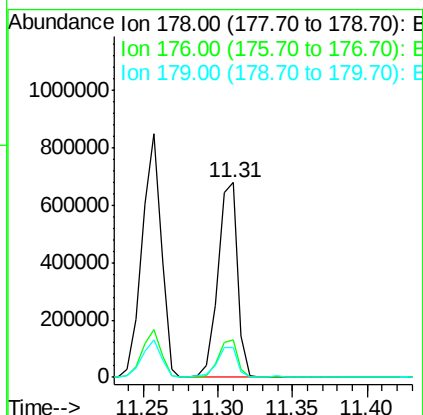
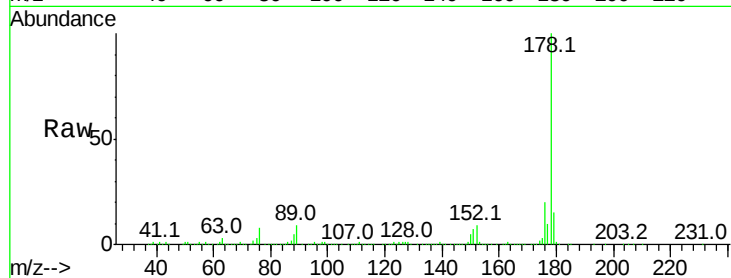




#71
 Anthracene
 Concen: 42.08 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

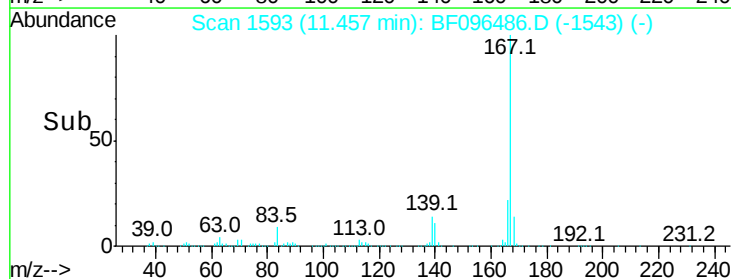
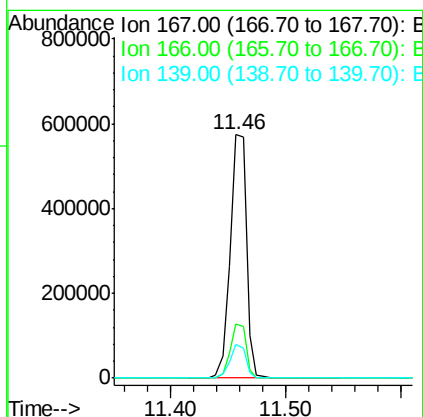
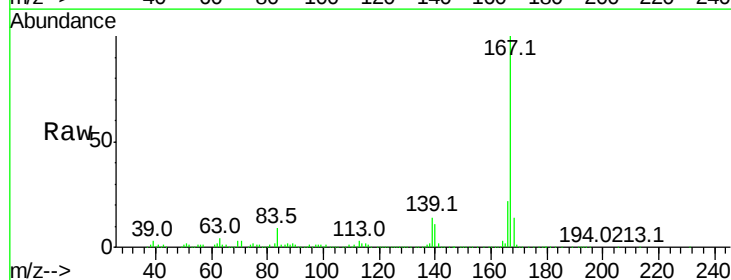
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

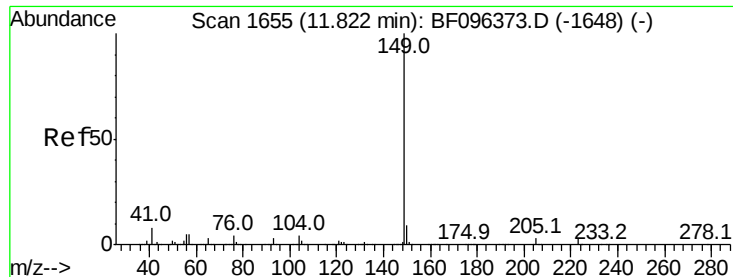
Tot Ion:178 Resp: 625851
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 37.46 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:167 Resp: 560212
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.82 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

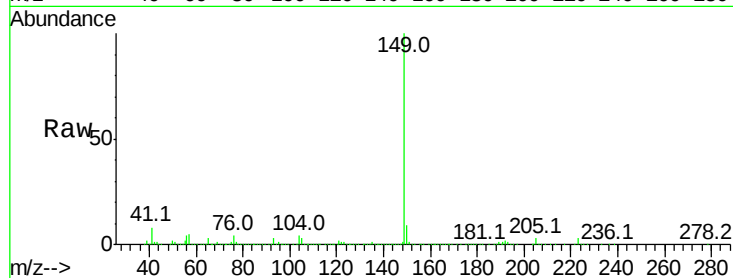
Tot Ion:149 Resp: 721361

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

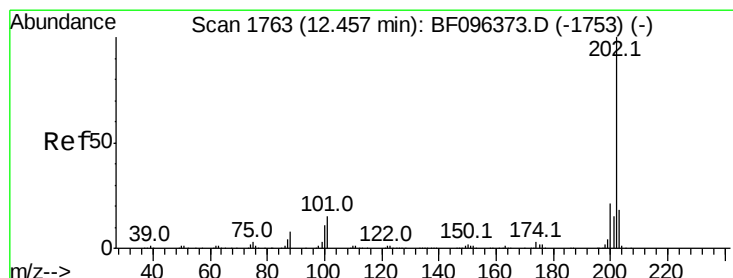
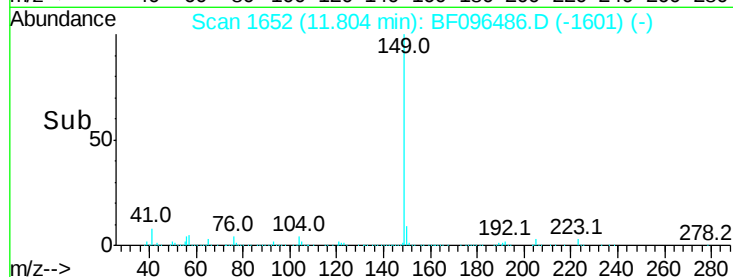
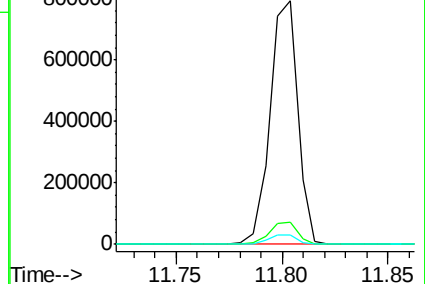
104 4.0 4.0 6.0#



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: 54.52 ng

RT: 12.45 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

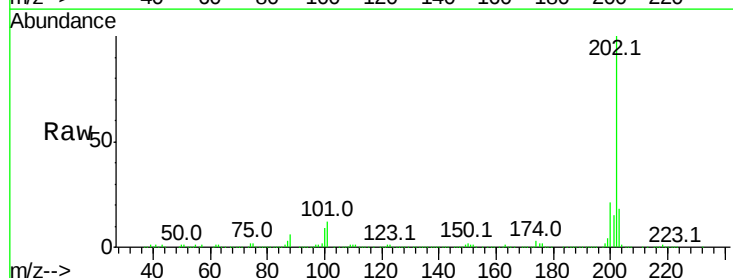
Tgt Ion:202 Resp: 780042

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

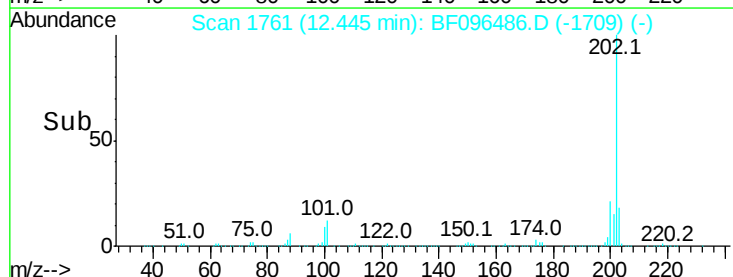
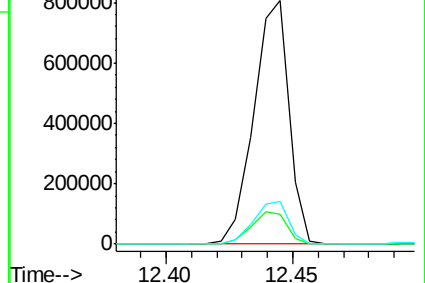
203 17.6 0.0 38.1

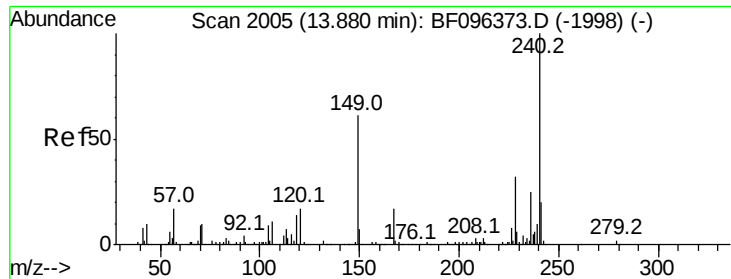


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

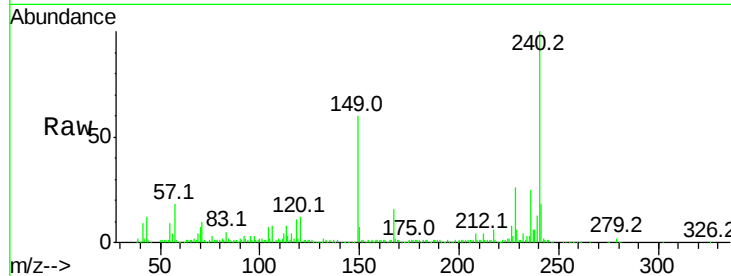
Tot Ion:240 Resp: 181120

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

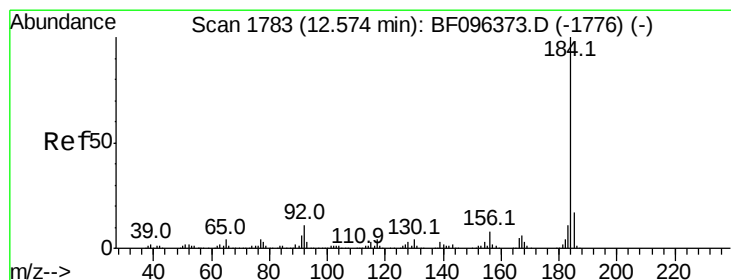
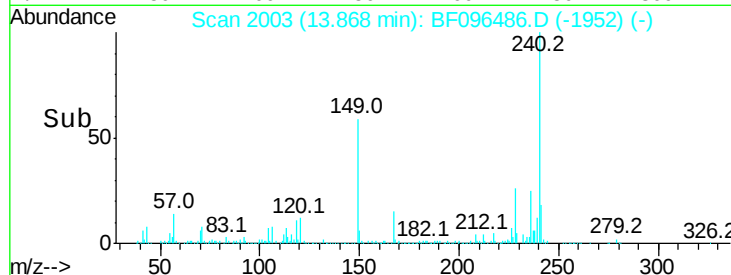
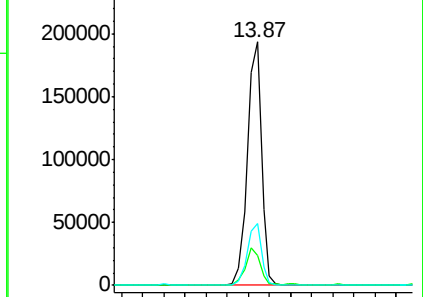
236 25.3 20.5 30.7



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: 22.60 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

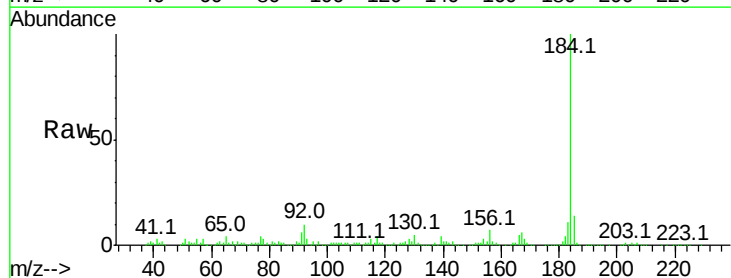
Tgt Ion:184 Resp: 196372

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

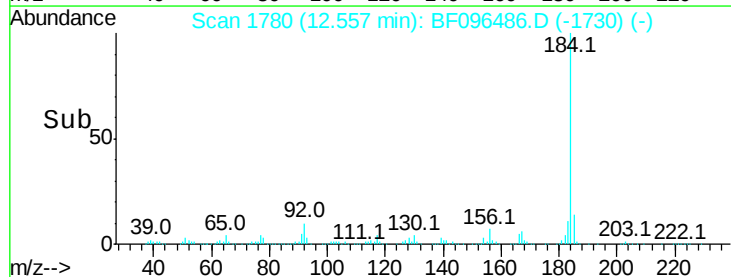
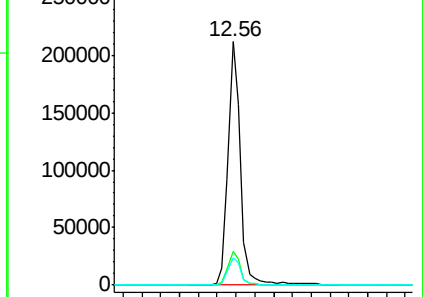
183 11.3 9.8 14.6

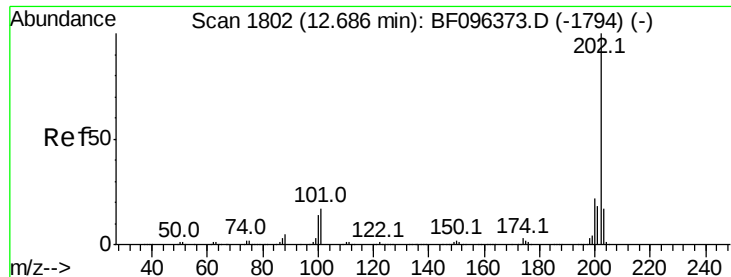


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.58 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

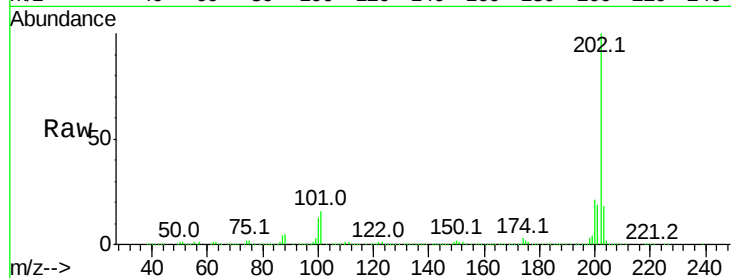
Tot Ion:202 Resp: 793435

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

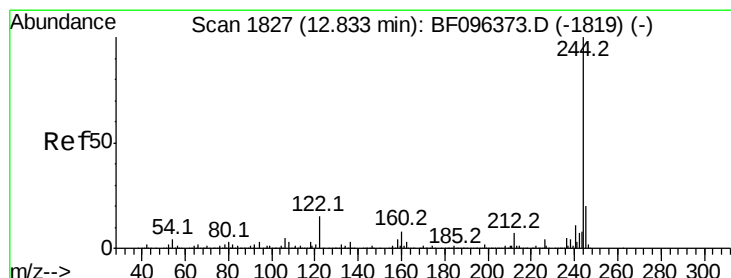
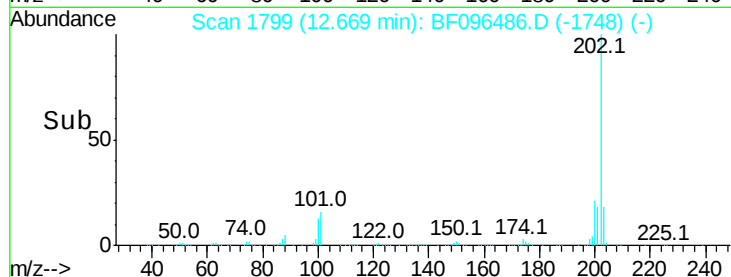
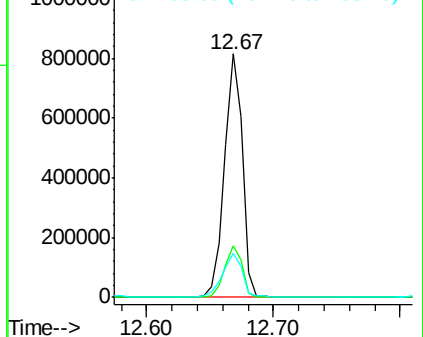
203 18.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.45 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

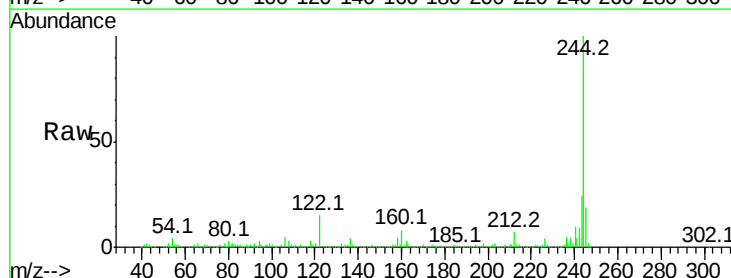
Tgt Ion:244 Resp: 597121

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

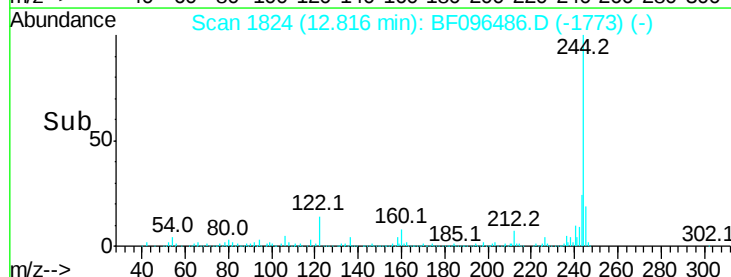
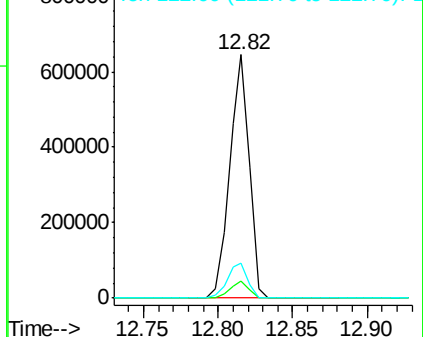
122 14.5 10.3 15.5

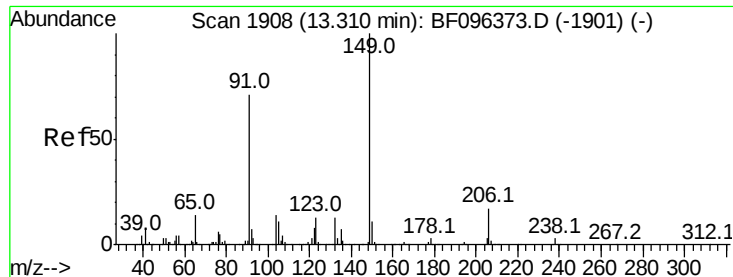


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.75 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

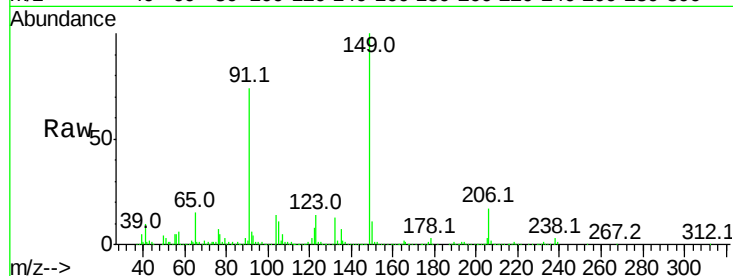
Tot Ion:149 Resp: 270450

Ion Ratio Lower Upper

149 100

91 73.5 45.0 67.4#

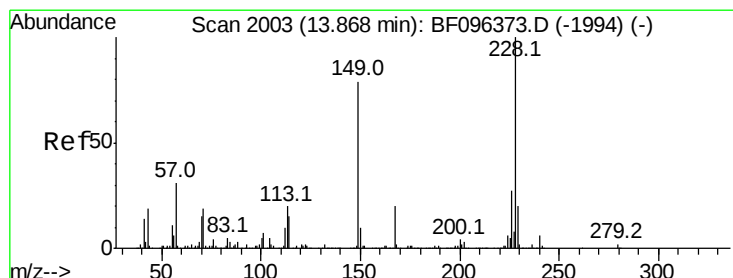
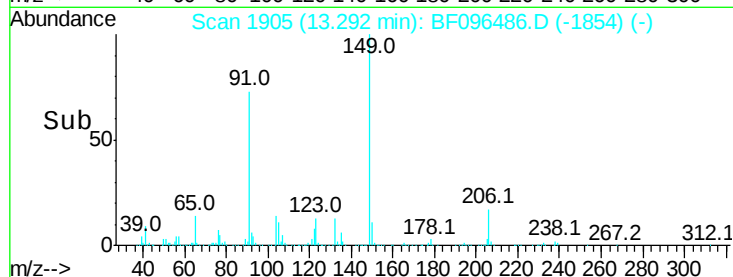
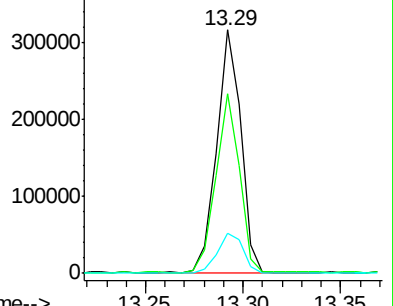
206 16.6 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 52.48 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

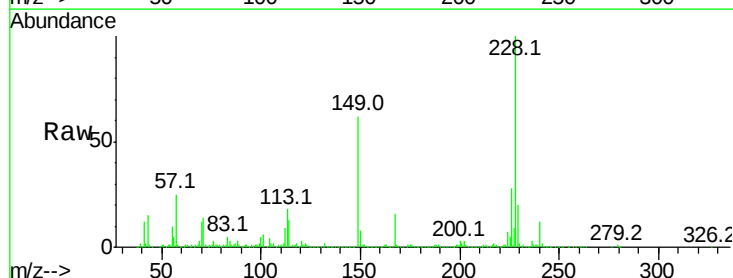
Tgt Ion:228 Resp: 550450

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

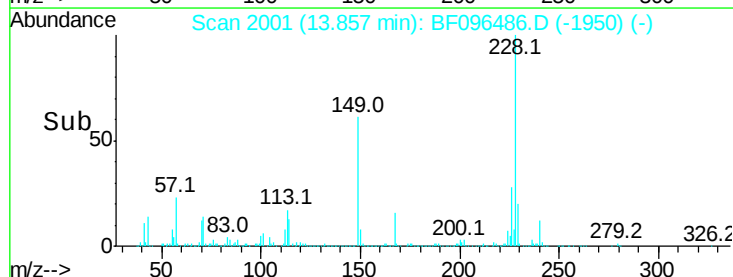
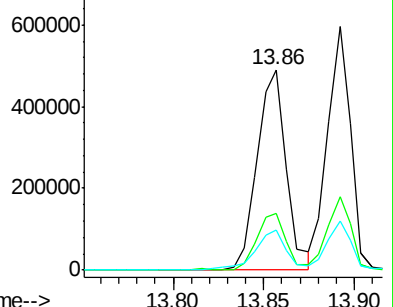
229 19.9 16.3 24.5

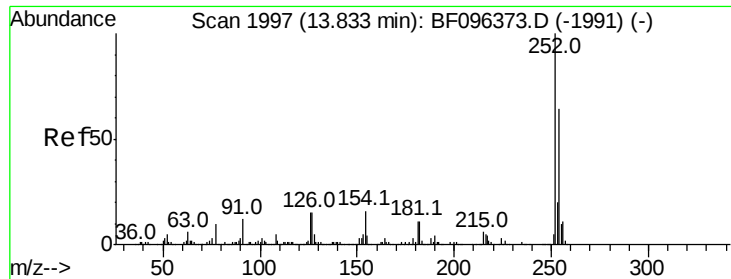


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

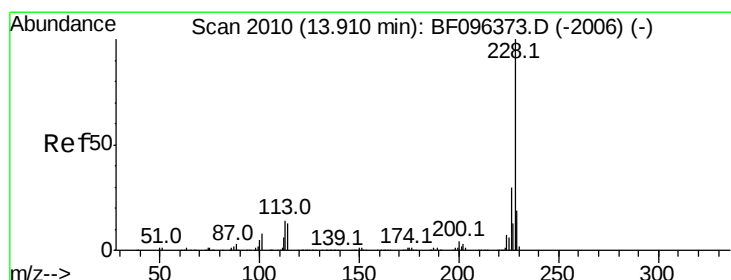
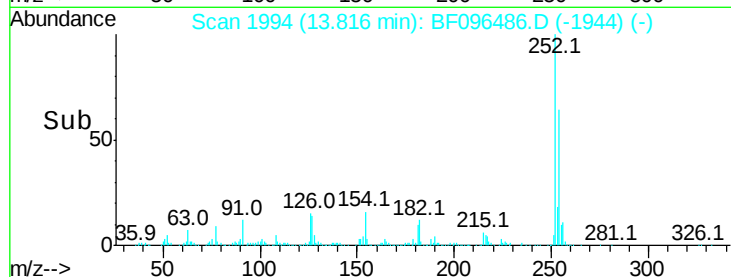
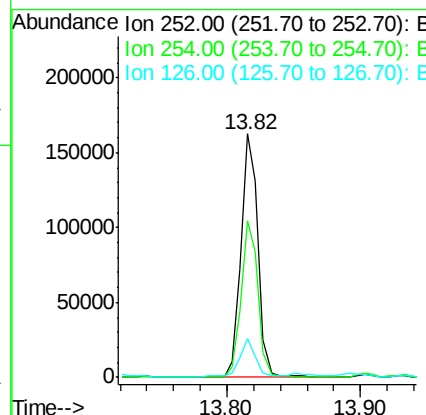
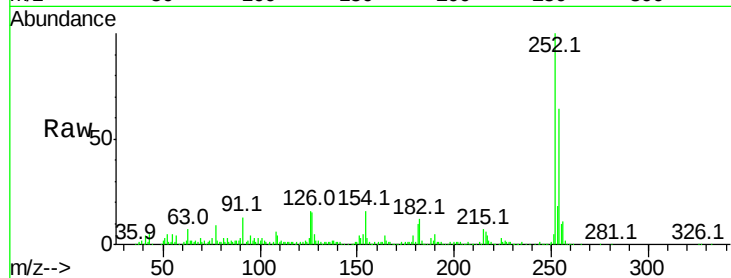




#81
 3,3'-Dichlorobenzidine
 Concen: 33.85 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

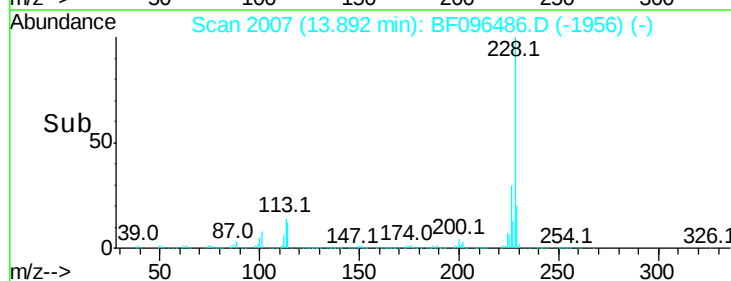
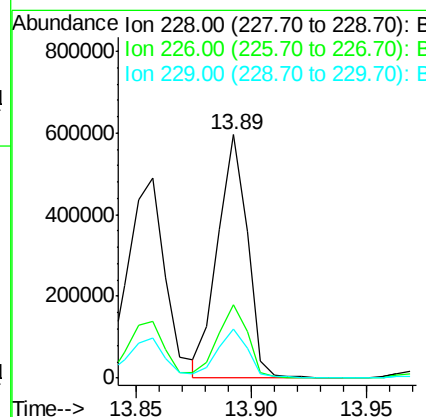
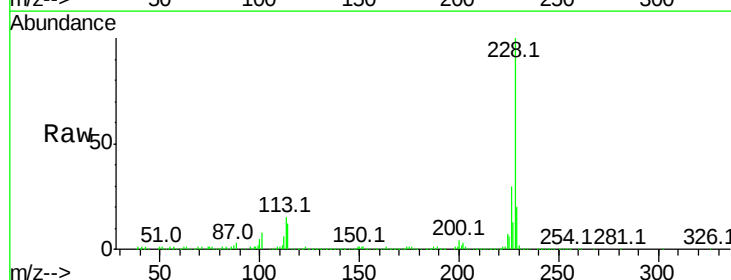
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

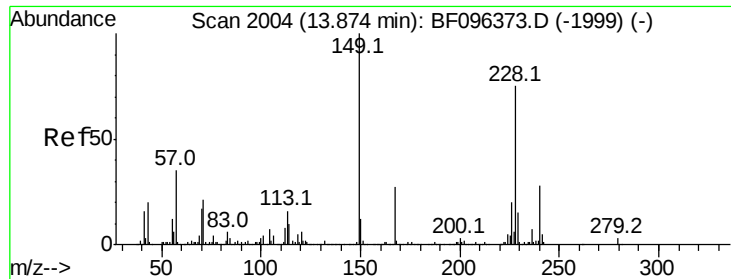
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	15.8	15.8	23.8#



#82
 Chrysene
 Concen: 47.84 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	20.1	15.8	23.6

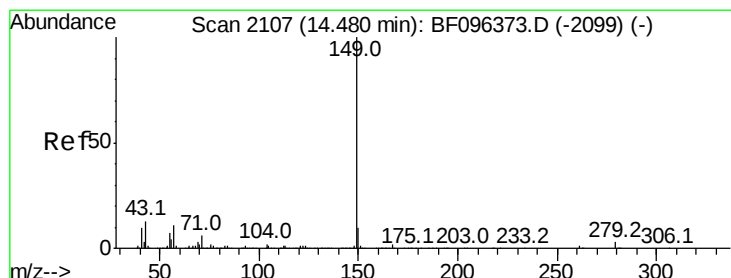
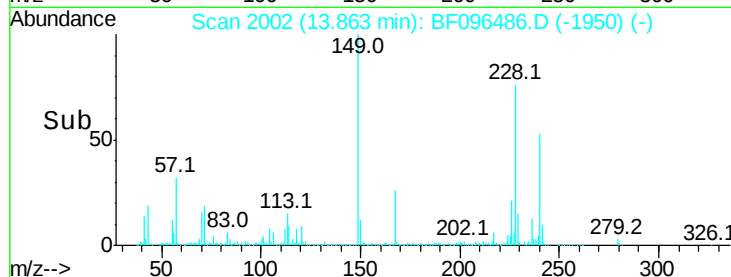
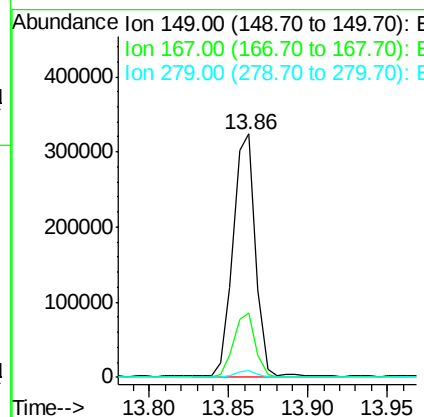
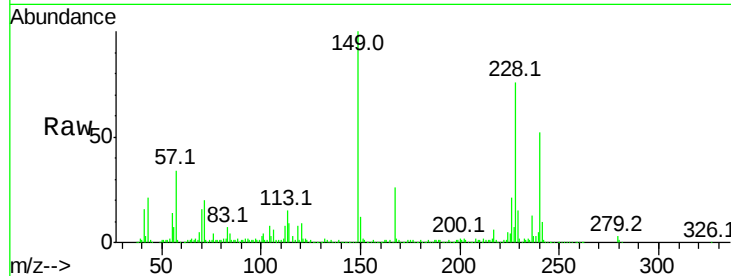




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.49 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

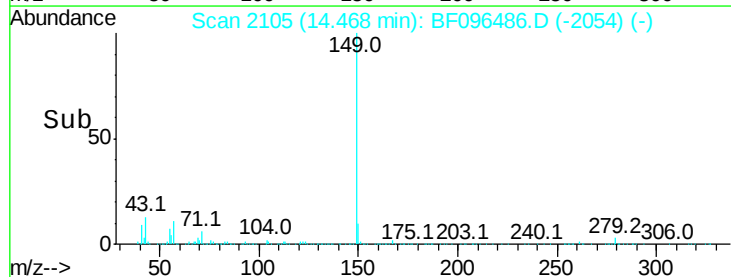
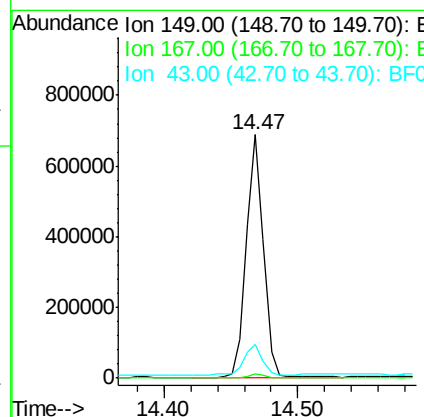
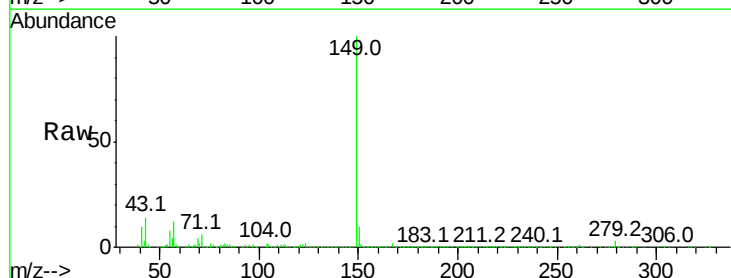
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

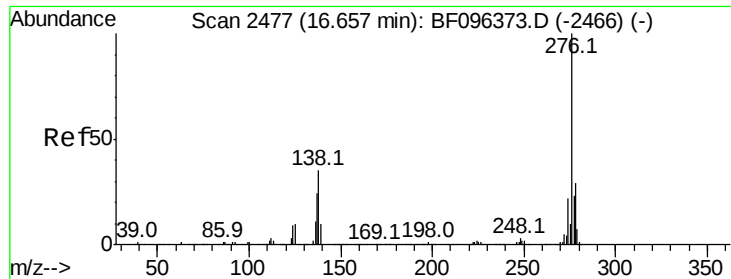
Tot Ion:149 Resp: 316226
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 37.61 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Tgt Ion:149 Resp: 608382
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.7 8.5 12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.11 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

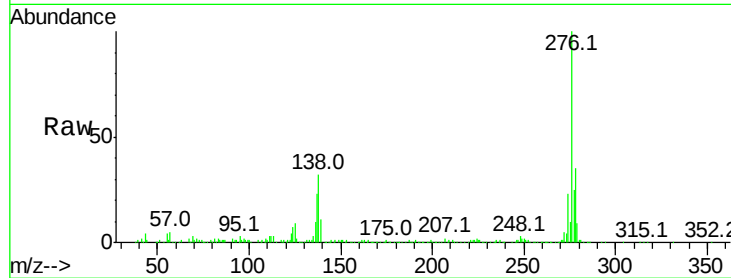
Tot Ion:276 Resp: 356394

Ion Ratio Lower Upper

276 100

138 34.2 27.8 41.6

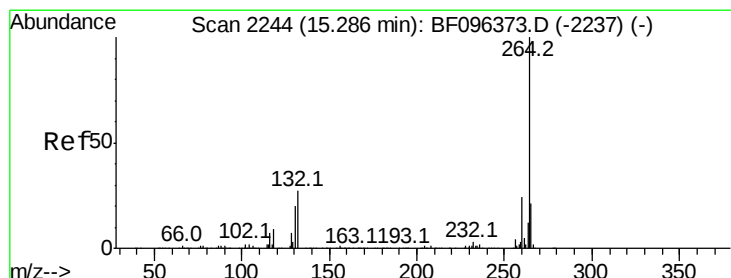
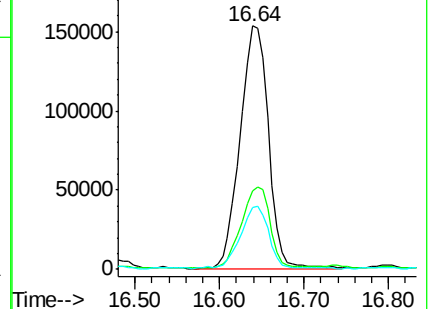
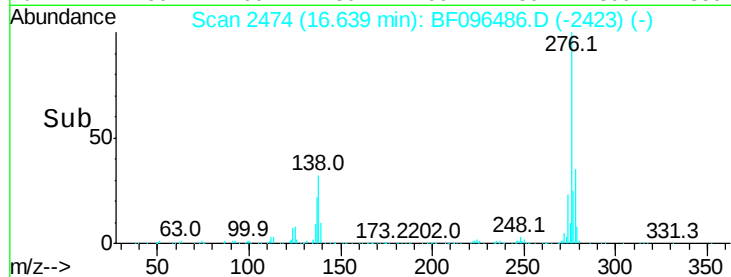
277 25.1 20.2 30.4



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

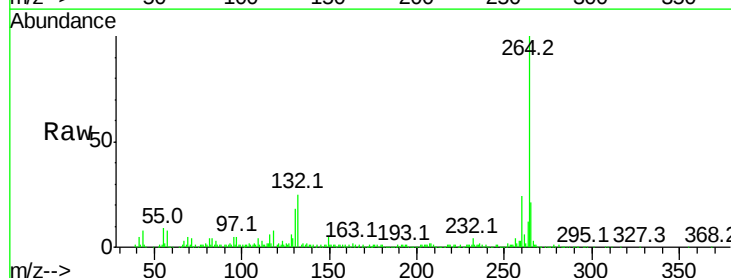
Tgt Ion:264 Resp: 169878

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

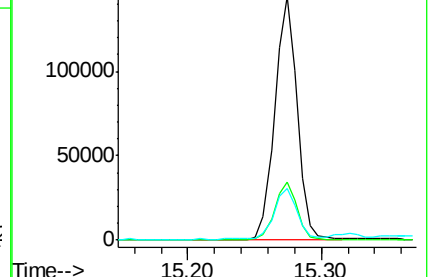
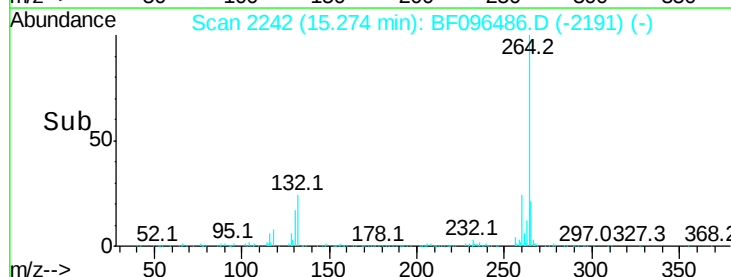
265 20.9 17.2 25.8

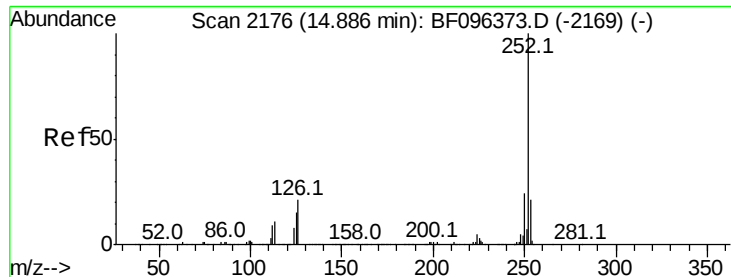


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.16 ng

RT: 14.88 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

POSTEX-51-20170622MSD

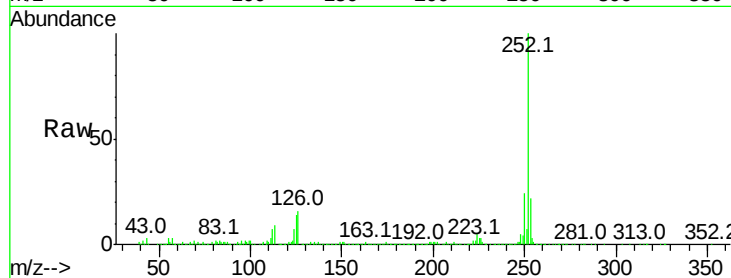
Tot Ion:252 Resp: 533910

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 14.2 9.8 14.8

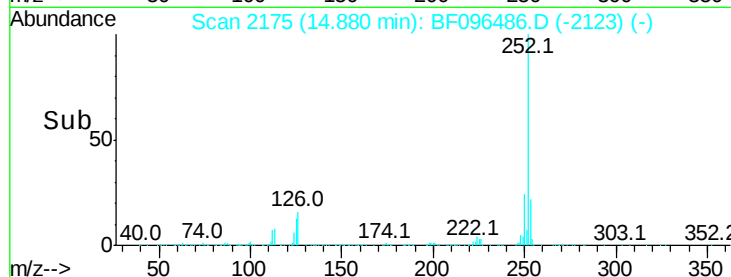


Abundance Ion 252.00 (251.70 to 252.70): E

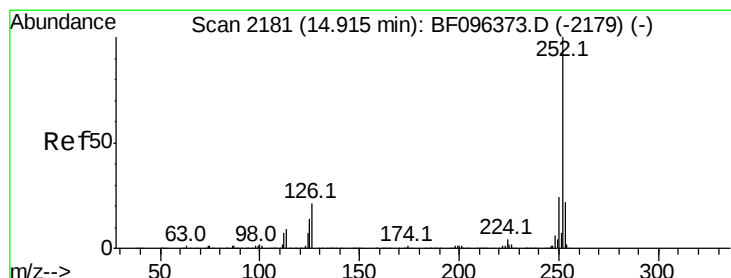
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#88

Benzo(k)fluoranthene

Concen: 40.69 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF096486.D

Acq: 5 Jul 2017 16:15

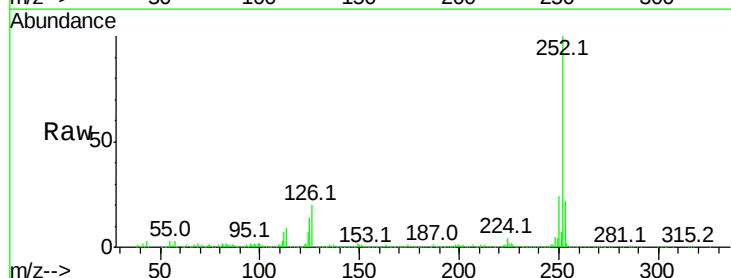
Tgt Ion:252 Resp: 387465

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 13.7 13.1 19.7

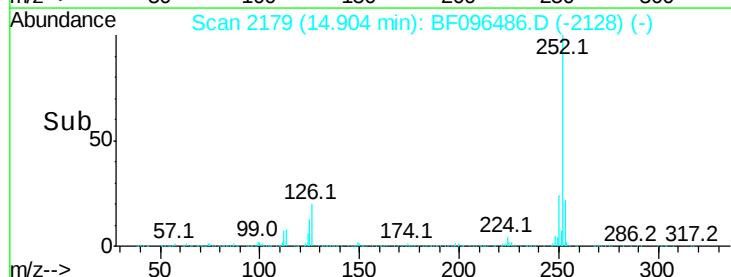


Abundance Ion 252.00 (251.70 to 252.70): E

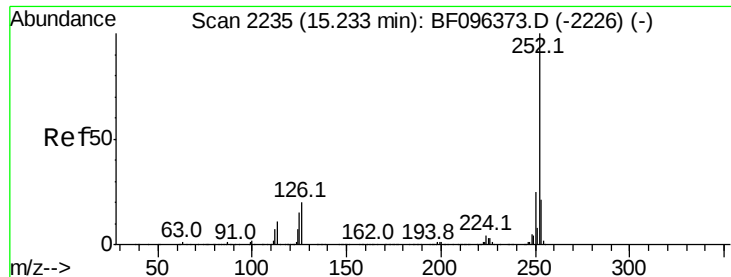
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



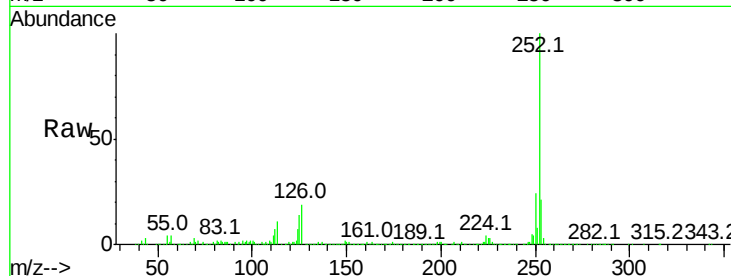
Time-->



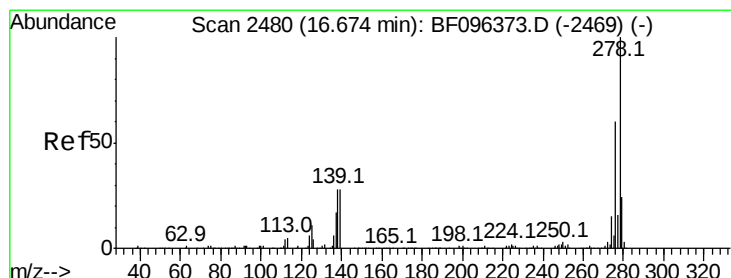
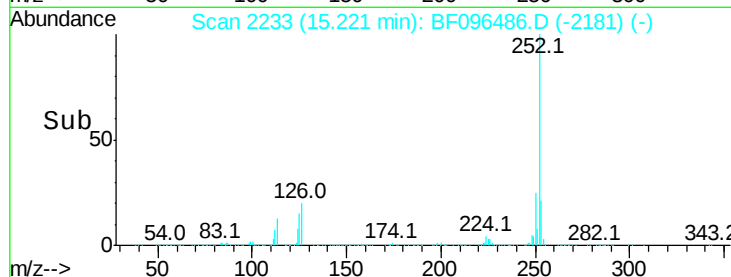
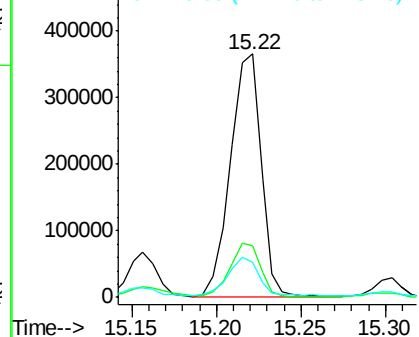
#89
Benzo(a)pyrene
Concen: 48.60 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622MSD

Tot Ion:252 Resp: 461897
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 14.1 11.0 16.4

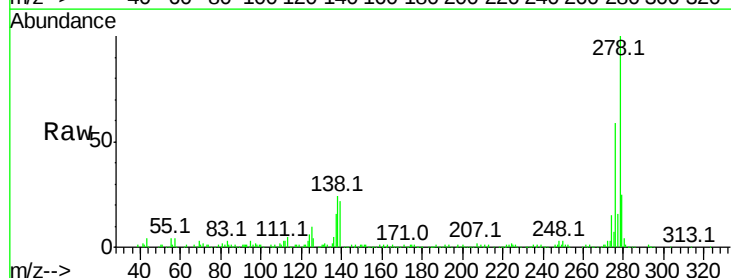


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

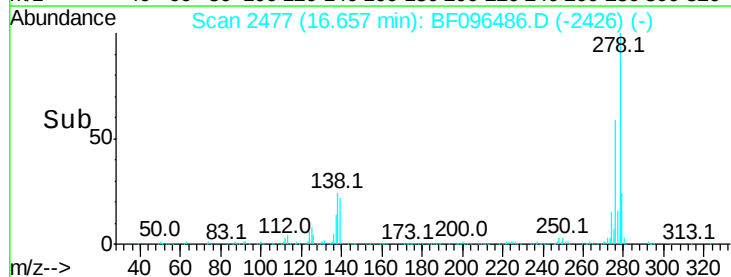
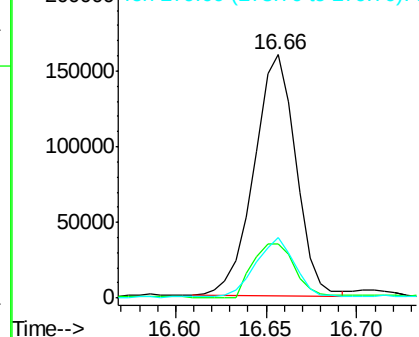


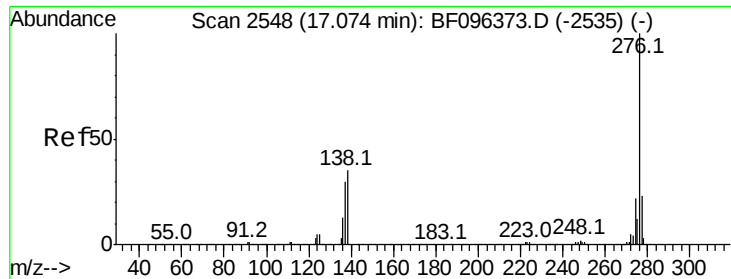
#90
Dibenzo(a,h)anthracene
Concen: 34.32 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.00 min
Lab File: BF096486.D
Acq: 5 Jul 2017 16:15

Tgt Ion:278 Resp: 256553
Ion Ratio Lower Upper
278 100
139 22.4 16.6 24.8
279 24.8 19.3 28.9



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

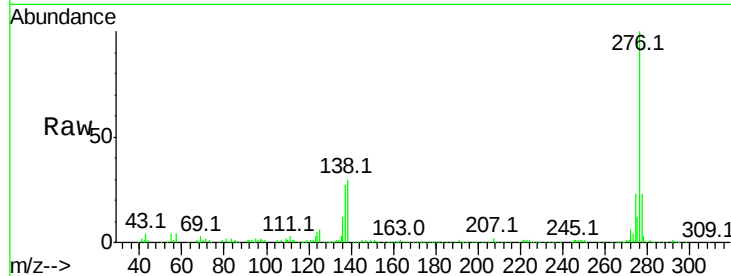




#91
 Benzo(a,h,i)perylene
 Concen: 38.47 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BF096486.D
 Acq: 5 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	30.2	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

