

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111767.D
 Acq On : 27 Dec 2018 17:25
 Operator : JU/SJ
 Sample : J6426-19 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS020-0002-01

Quant Time: Dec 28 00:15:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	135850	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	460651	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	208363	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	377078	20.00	ng	0.02
76) Chrysene-d12	14.08	240	317602	20.00	ng	0.03
87) Perylene-d12	15.59	264	228678	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	366107	45.94	ng	0.03
7) Phenol-d6	6.55	99	435281	42.91	ng	0.03
23) Nitrobenzene-d5	7.46	82	270522	34.18	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	113661	46.17	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	497926	34.83	ng	0.00
79) Terphenyl-d14	13.02	244	526009	31.41	ng	0.02

Target Compounds

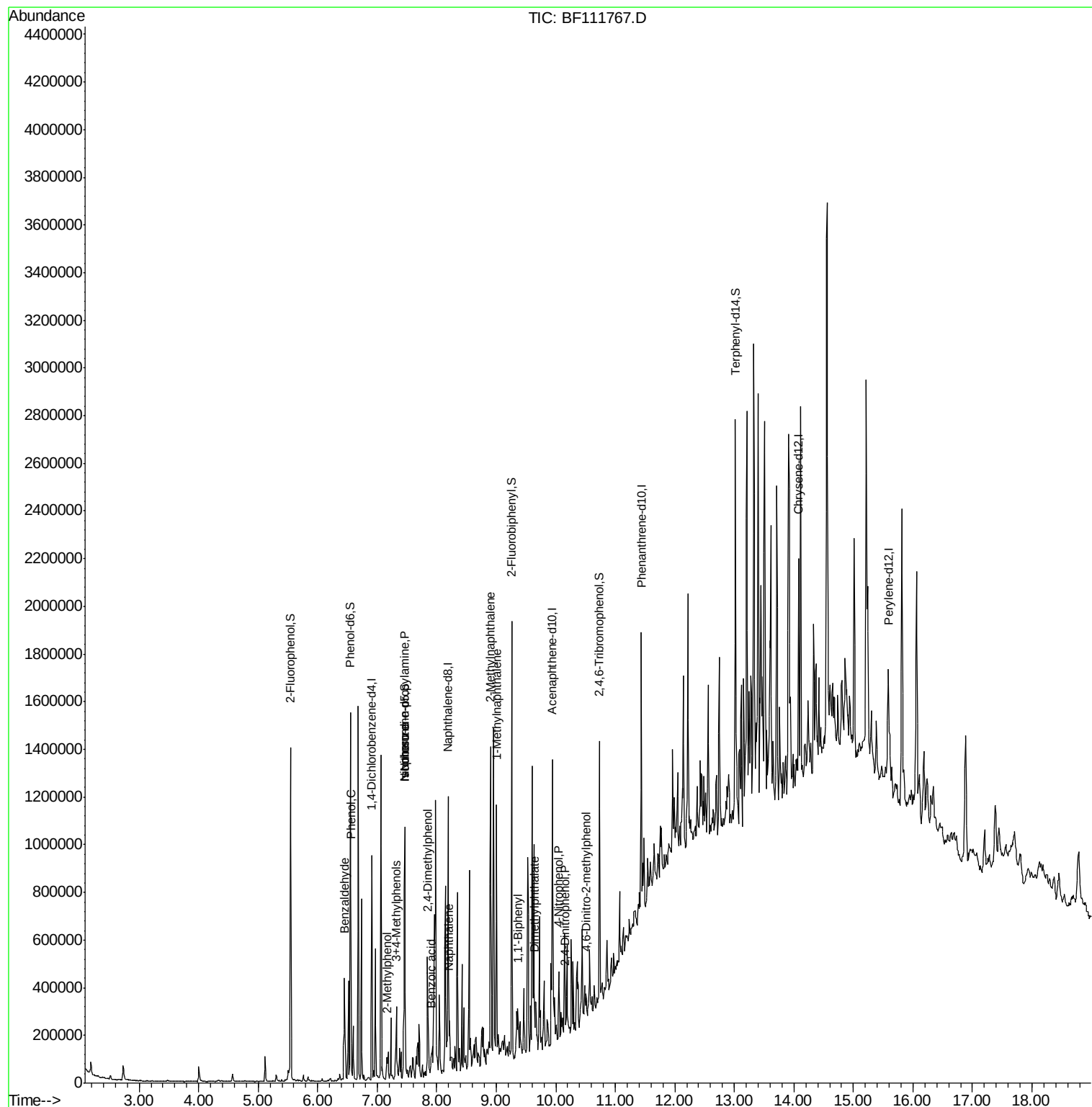
						Qvalue
9) Benzaldehyde	6.45	77	89451	12.823	ng	96
10) Phenol	6.56	94	69287	6.054	ng	98
17) 2-Methylphenol	7.17	107	16436	2.325	ng	94
19) n-Nitroso-di-n-propylamine	7.46	70	39345	5.841	ng	# 75
20) 3+4-Methylphenols	7.32	107	96595	10.814	ng	# 63
25) Isophorone	7.46	82	267676	19.052	ng	# 64
27) 2,4-Dimethylphenol	7.85	122	95290	14.370	ng	88
31) Naphthalene	8.21	128	65457	2.957	ng	97
32) Benzoic acid	7.91	122	20278	4.625	ng	# 65
37) 2-Methylnaphthalene	8.90	142	296314	20.577	ng	99
38) 1-Methylnaphthalene	9.00	142	236492	17.100	ng	98
46) 1,1'-Biphenyl	9.36	154	54104	3.076	ng	95
50) Dimethylphthalate	9.65	163	65269	4.284	ng	# 99
54) 2,4-Dinitrophenol	10.16	184	513	7.785	ng	# 1
56) 4-Nitrophenol	10.05	139	5536	2.239	ng	# 70
65) 4,6-Dinitro-2-methylphenol	10.52	198	443	6.937	ng	# 1

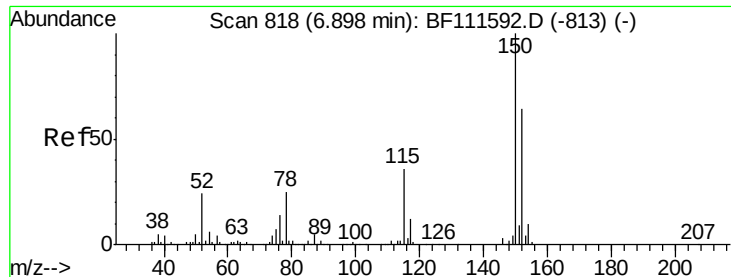
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111767.D
Acq On : 27 Dec 2018 17:25
Operator : JU/SJ
Sample : J6426-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Quant Time: Dec 28 00:15:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



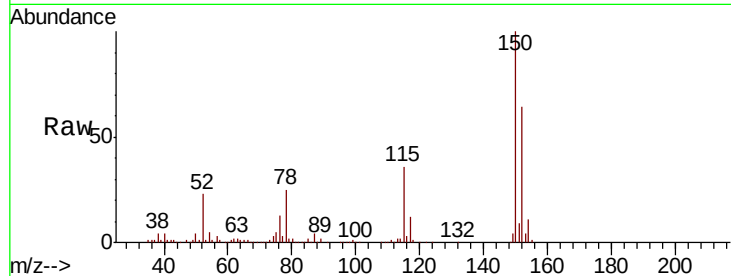


#1

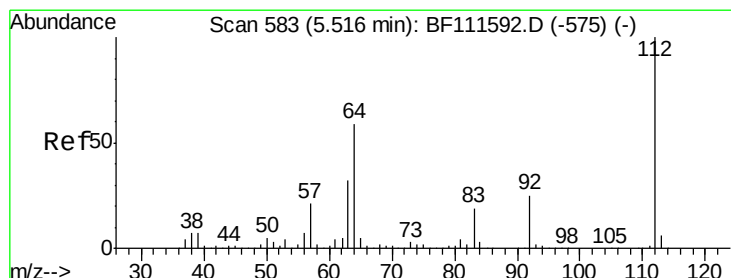
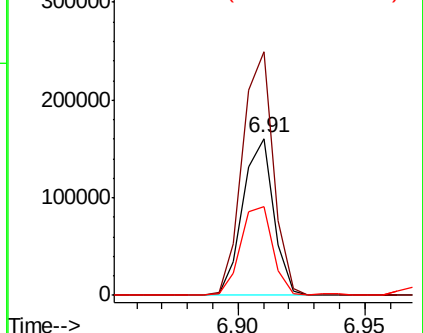
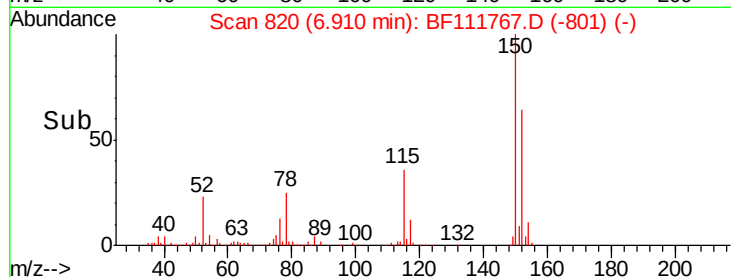
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:152 Resp: 135850
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 56.5 50.7 76.1



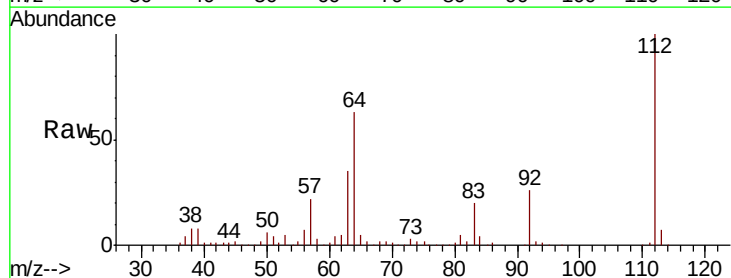
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



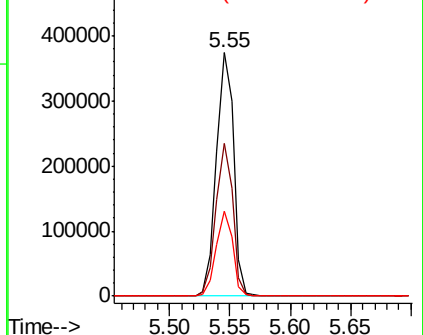
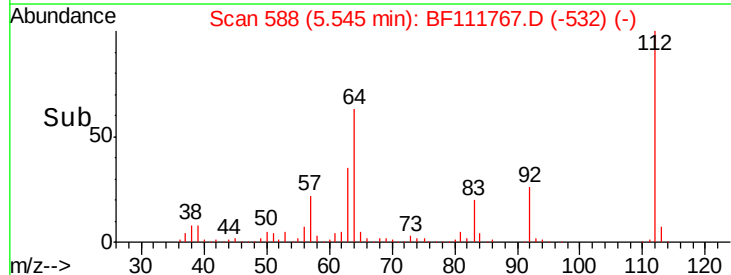
#5

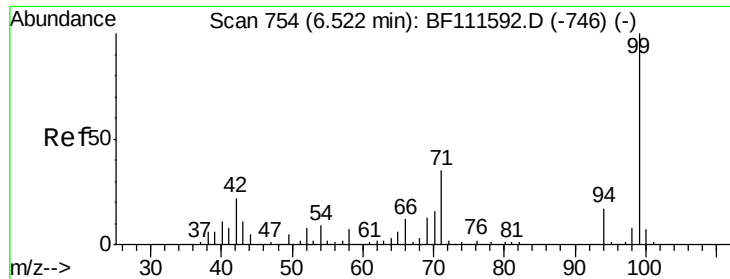
2-Fluorophenol
Concen: 45.936 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:112 Resp: 366107
Ion Ratio Lower Upper
112 100
64 62.7 51.8 77.6
63 35.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 42.915 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111767.D

Acq: 27 Dec 2018 17:25

Instrument :

BNA_F

ClientSampleId :

P001-SS020-0002-01

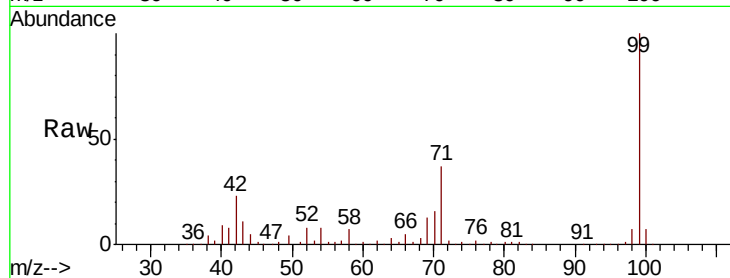
Tgt Ion: 99 Resp: 435281

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

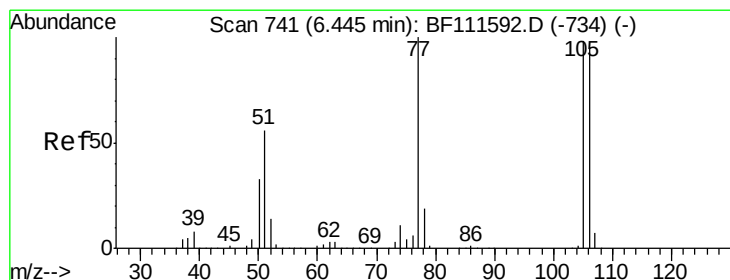
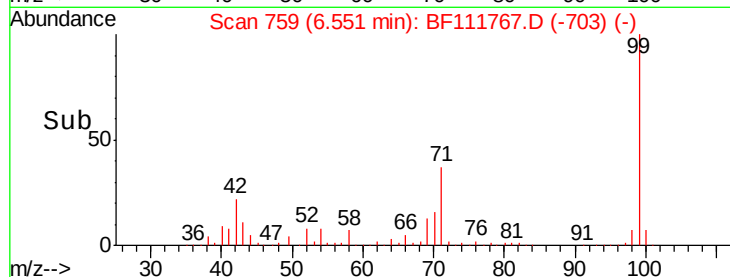
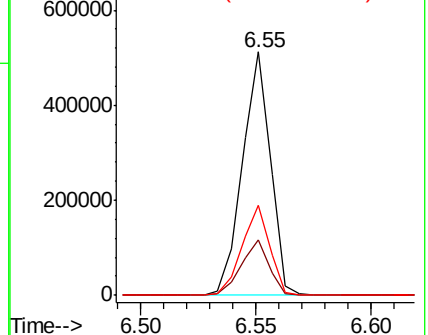
71 37.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 12.823 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111767.D

Acq: 27 Dec 2018 17:25

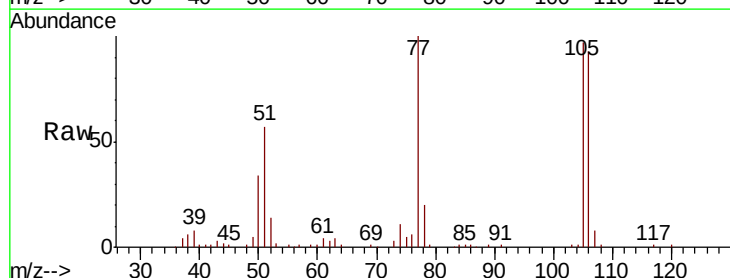
Tgt Ion: 77 Resp: 89451

Ion Ratio Lower Upper

77 100

105 97.3 81.4 121.4

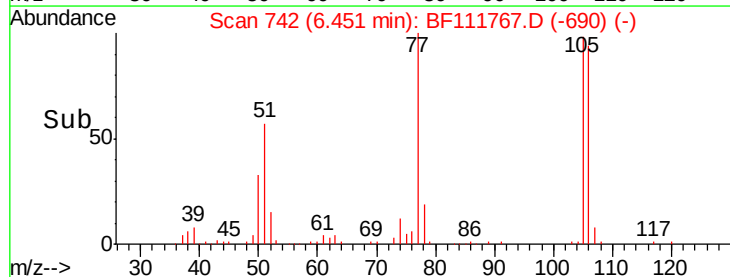
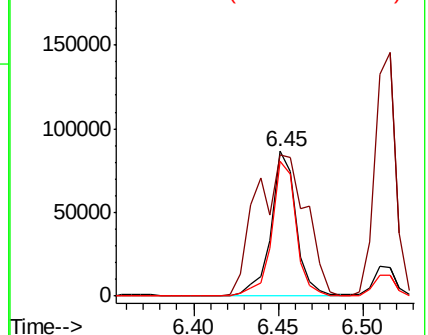
106 93.2 77.9 117.9

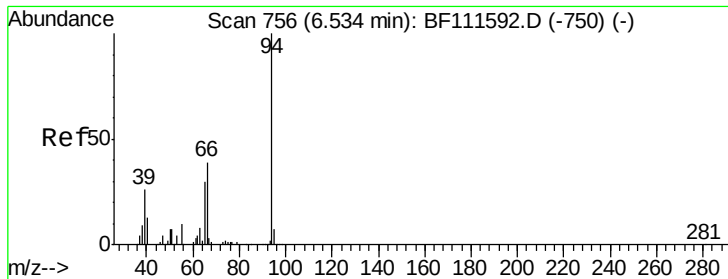


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.054 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111767.D

Acq: 27 Dec 2018 17:25

Instrument :

BNA_F

ClientSampleId :

P001-SS020-0002-01

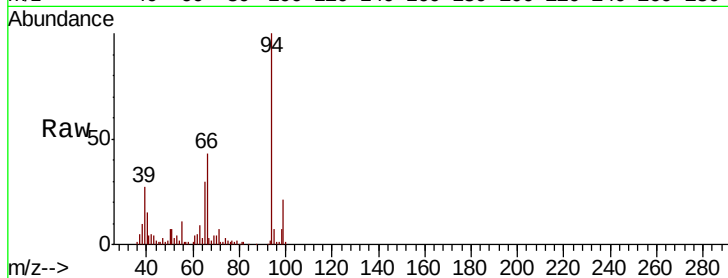
Tgt Ion: 94 Resp: 69287

Ion Ratio Lower Upper

94 100

65 30.5 11.7 51.7

66 42.6 21.0 61.0



Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

120000

100000

80000

60000

40000

20000

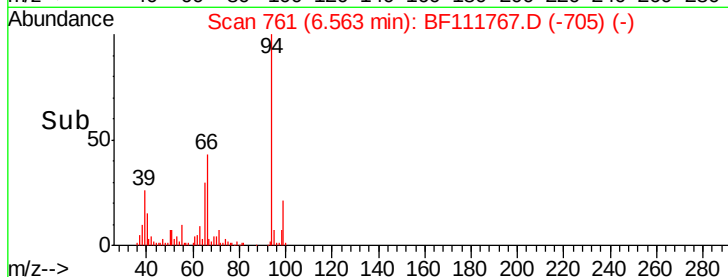
0

6.50

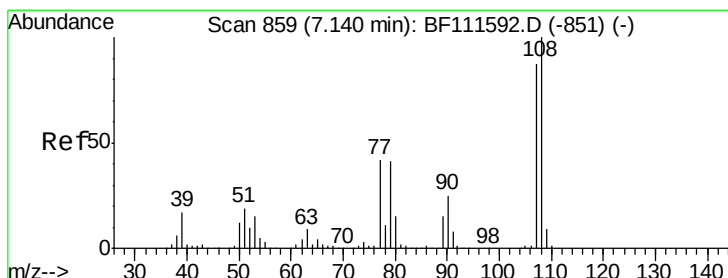
6.55

6.60

6.65



Time-->



#17

2-Methylphenol

Concen: 2.325 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.03 min

Lab File: BF111767.D

Acq: 27 Dec 2018 17:25

Tgt Ion: 107 Resp: 16436

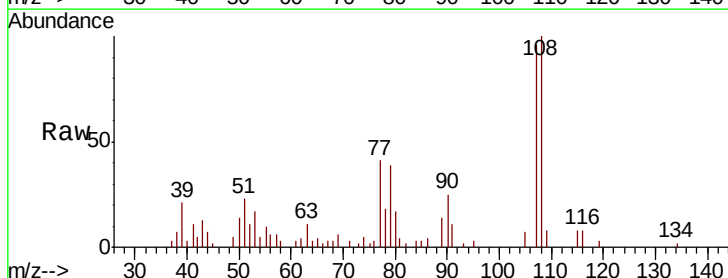
Ion Ratio Lower Upper

107 100

108 104.1 91.0 136.4

77 42.6 33.5 50.3

79 41.0 33.3 49.9



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): BF1

Ion 79.00 (78.70 to 79.70): BF1

25000

20000

15000

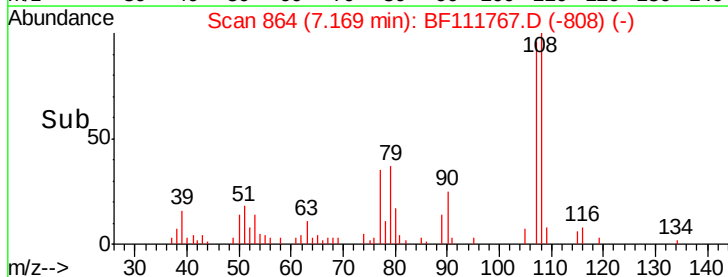
10000

5000

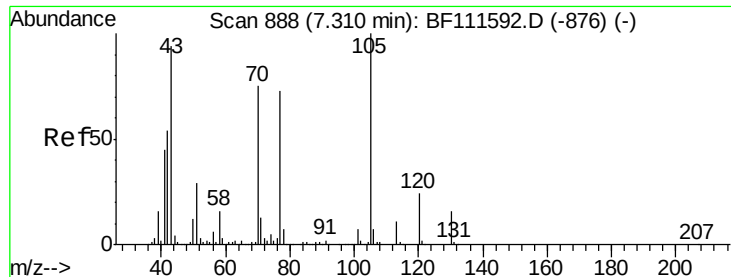
0

7.15

7.20



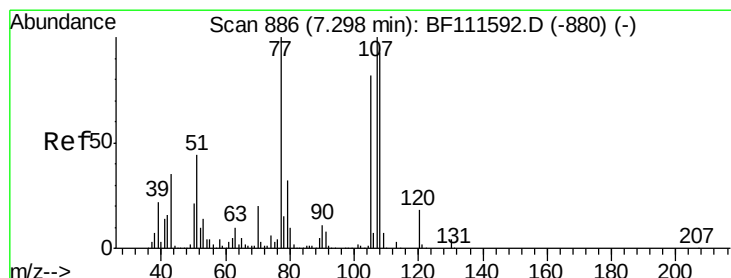
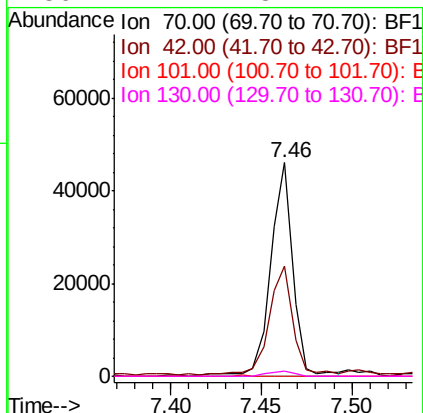
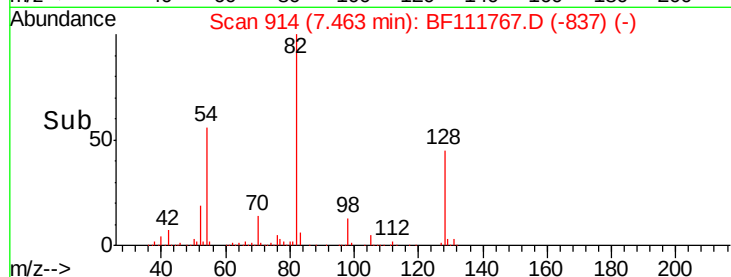
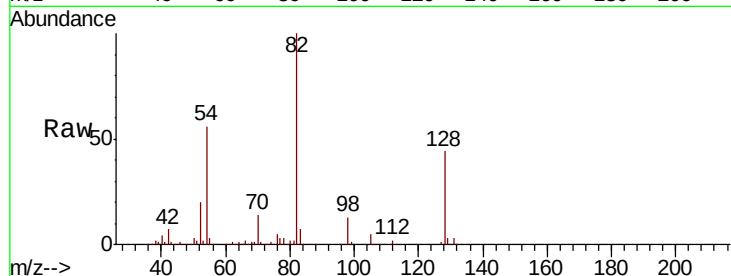
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 5.841 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

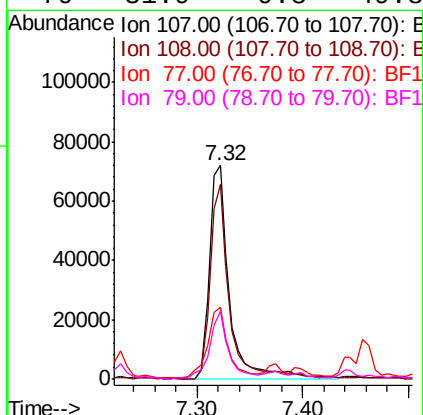
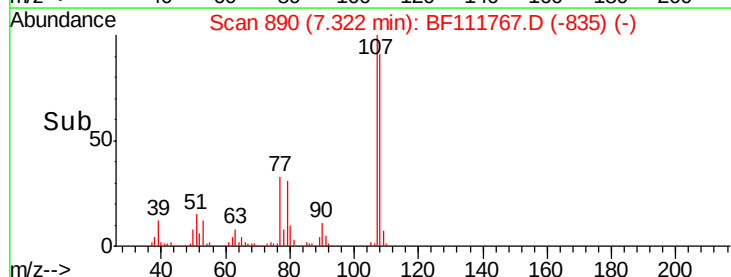
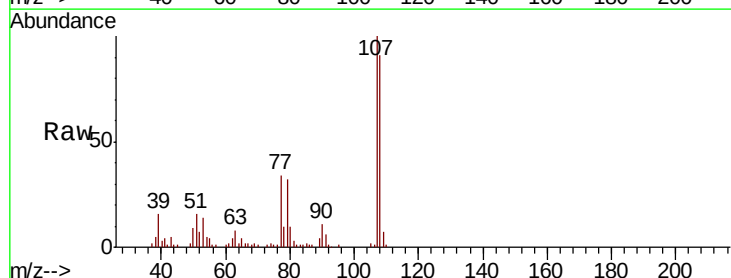
Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

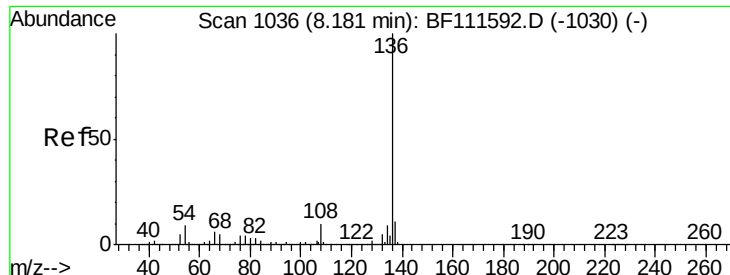
Tgt Ion: 70 Resp: 39345
Ion Ratio Lower Upper
70 100
42 51.7 53.2 79.8#
101 0.0 8.2 12.4#
130 2.7 18.1 27.1#



#20
3+4-Methylphenols
Concen: 10.814 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion: 107 Resp: 96595
Ion Ratio Lower Upper
107 100
108 91.0 72.1 112.1
77 33.8 94.1 134.1#
79 31.9 9.8 49.8

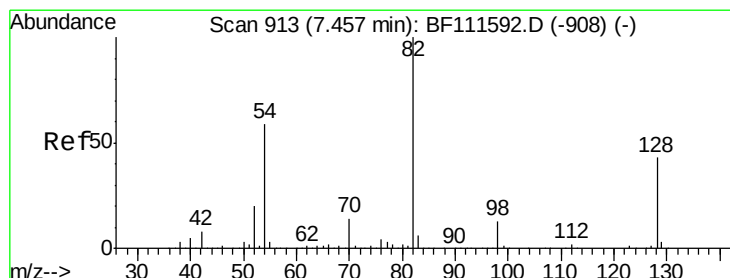
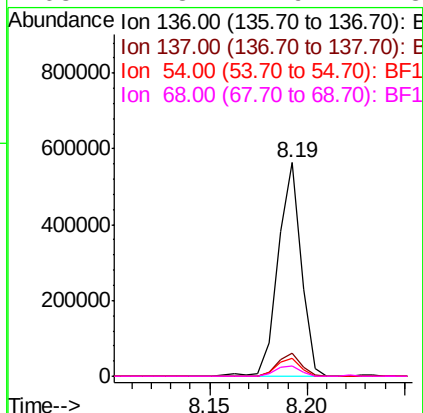
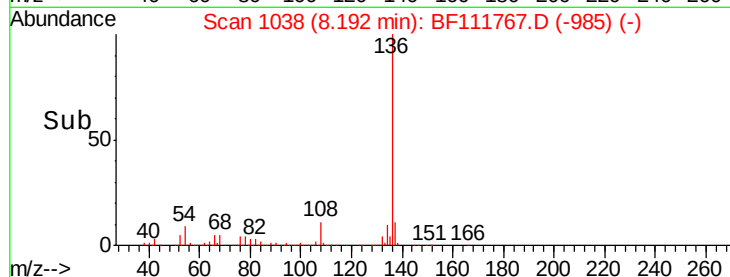
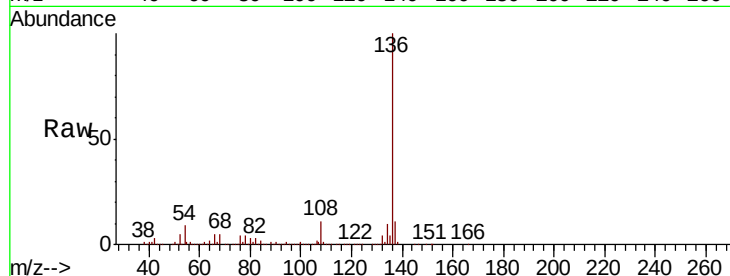




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

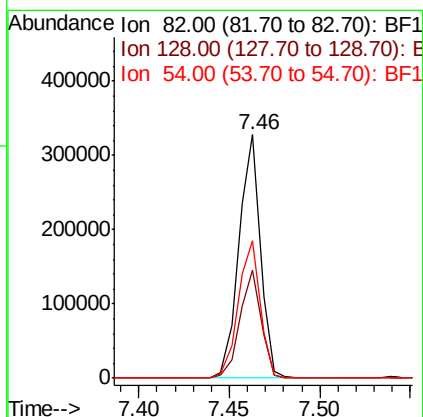
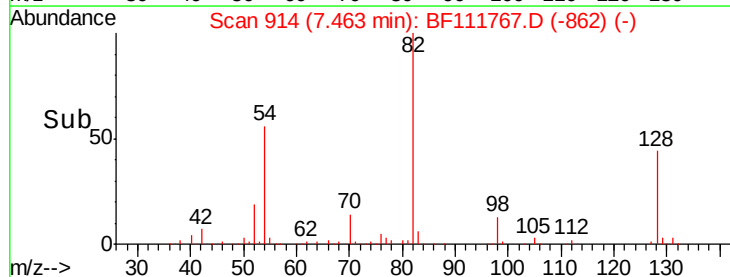
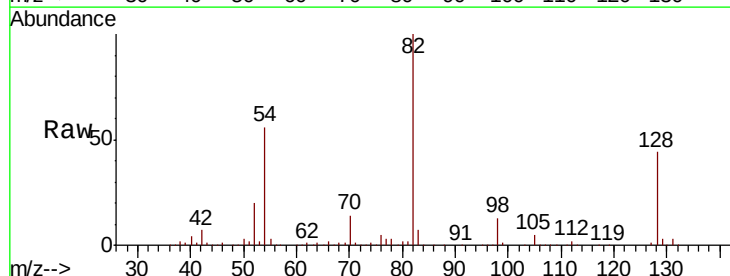
Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

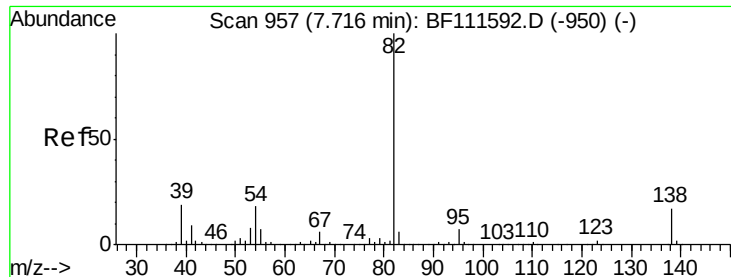
Tgt Ion:	136	Resp:	460651
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.6	7.7	11.5
68	4.8	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 34.183 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:	82	Resp:	270522
Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.4	56.2
54	56.4	47.6	71.4

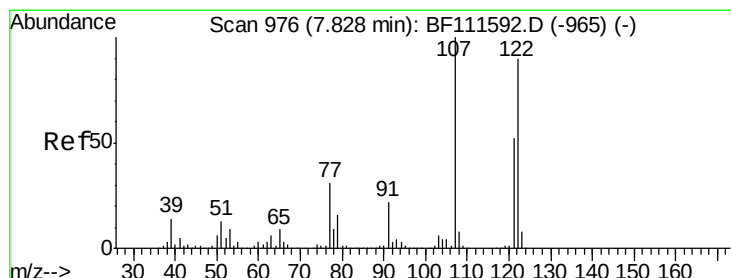
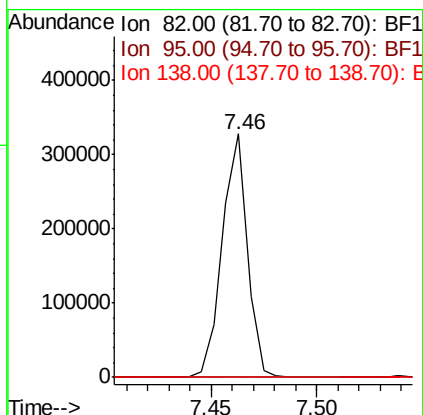
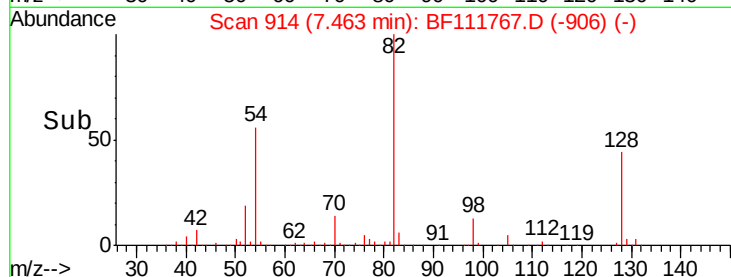
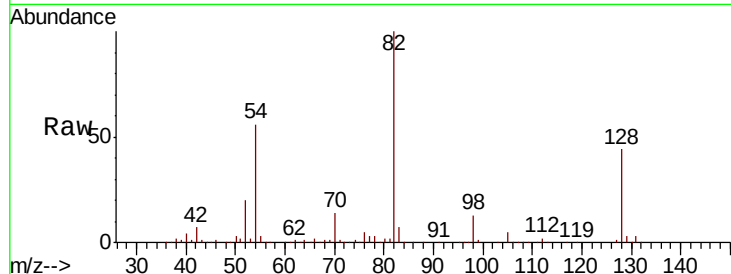




#25
Isophorone
Concen: 19.052 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

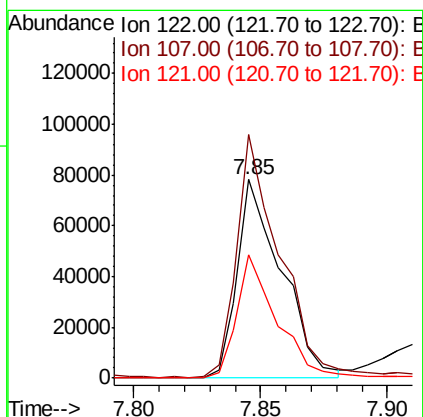
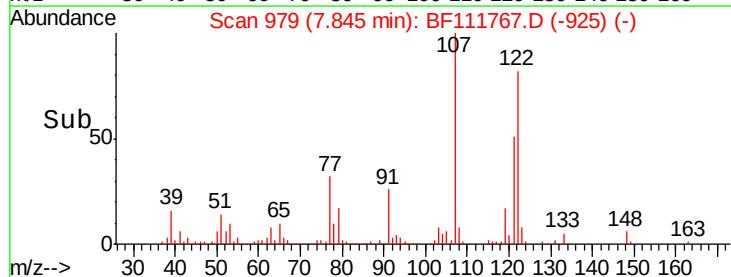
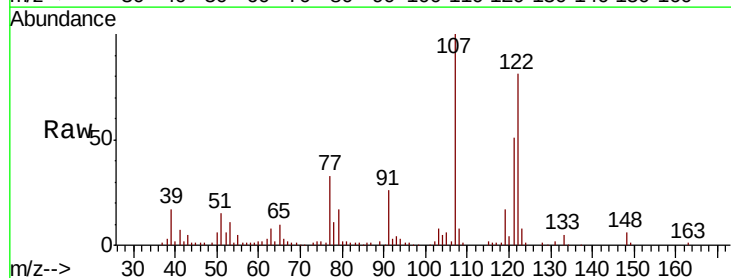
Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

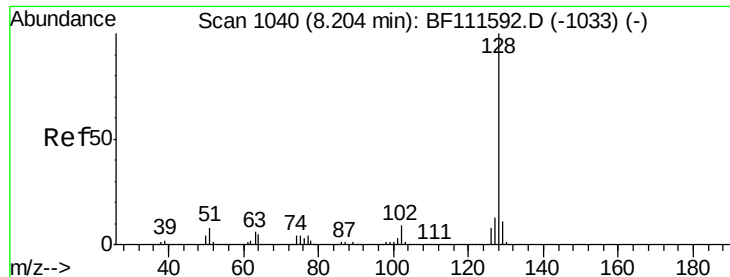
Tgt Ion: 82 Resp: 267676
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#



#27
2,4-Dimethylphenol
Concen: 14.370 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion: 122 Resp: 95290
Ion Ratio Lower Upper
122 100
107 122.8 85.5 128.3
121 62.3 46.6 70.0

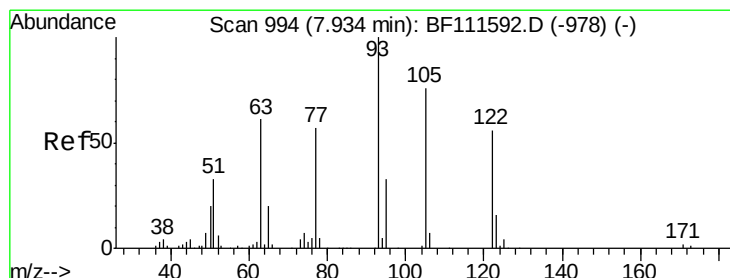
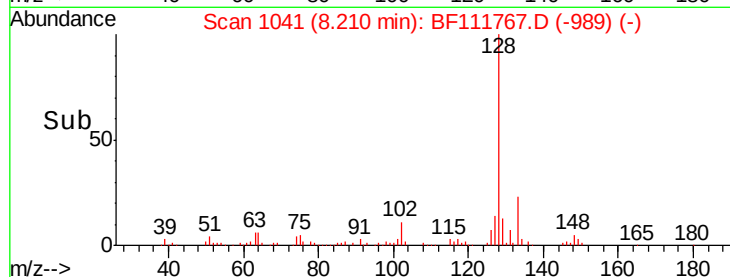
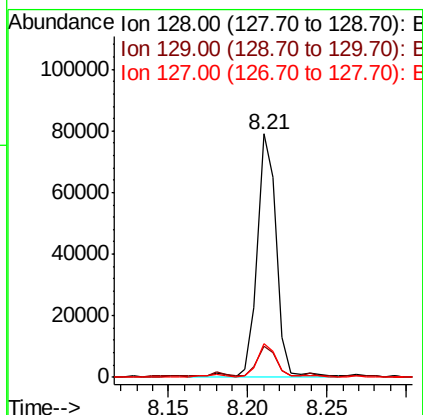
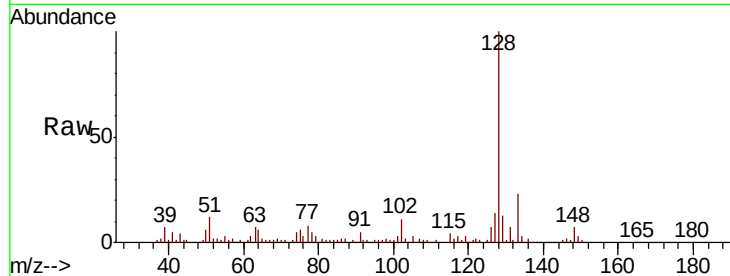




#31
Naphthalene
Concen: 2.957 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

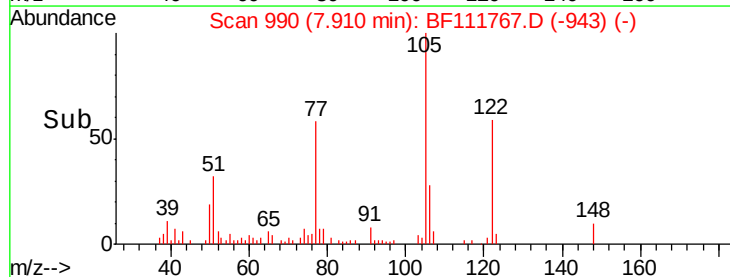
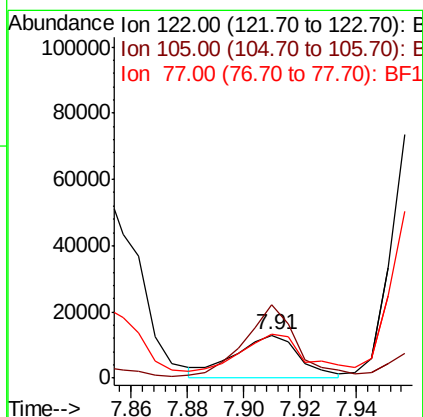
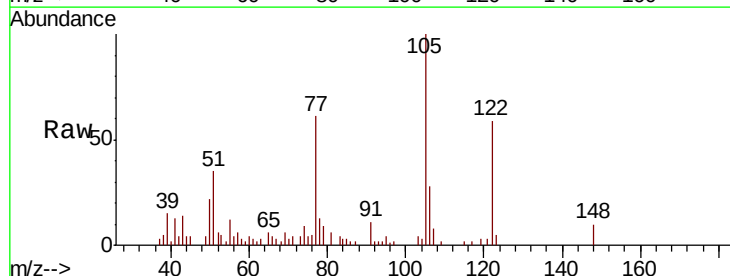
Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

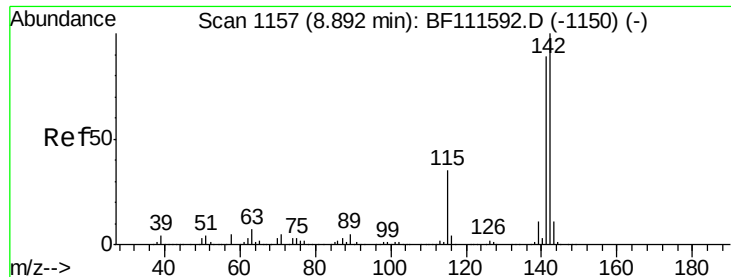
Tgt Ion:128 Resp: 65457
Ion Ratio Lower Upper
128 100
129 13.0 9.8 14.8
127 13.6 12.0 18.0



#32
Benzoic acid
Concen: 4.625 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:122 Resp: 20278
Ion Ratio Lower Upper
122 100
105 168.8 97.0 137.0#
77 102.8 65.7 105.7

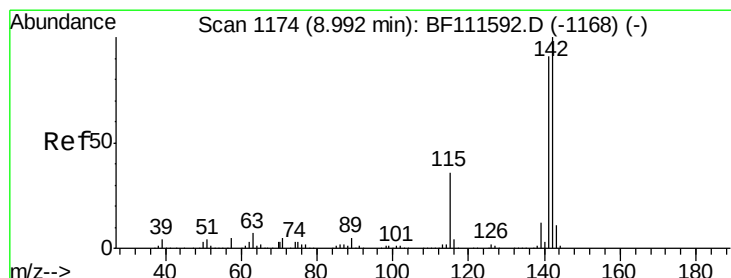
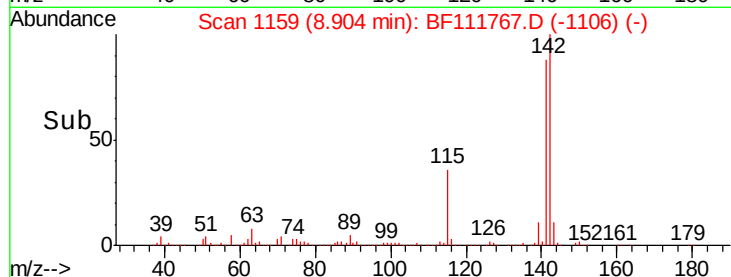
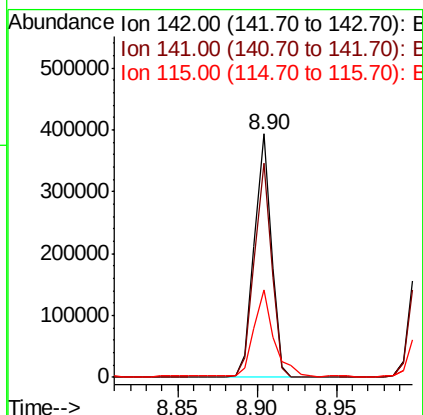
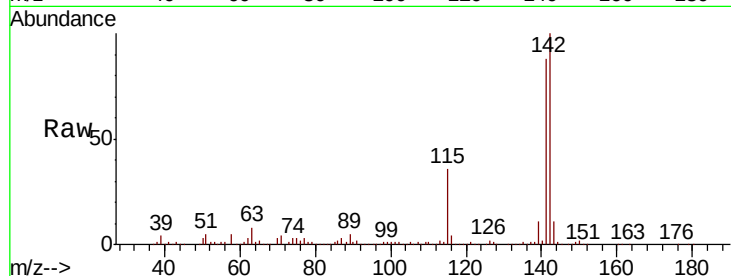




#37
 2-Methylnaphthalene
 Concen: 20.577 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF111767.D
 Acq: 27 Dec 2018 17:25

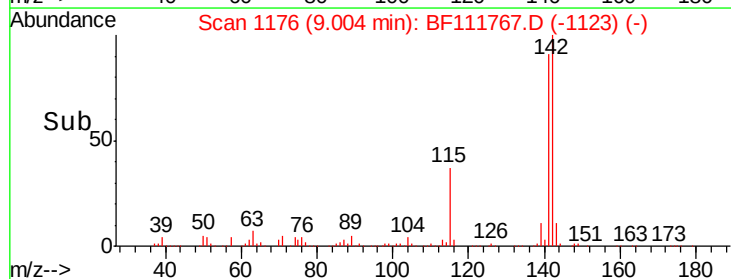
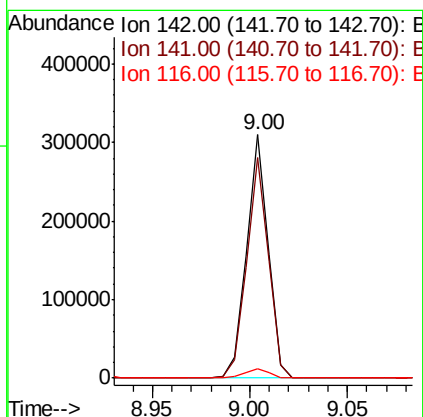
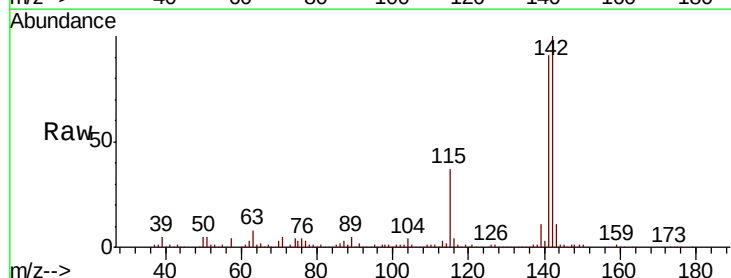
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS020-0002-01

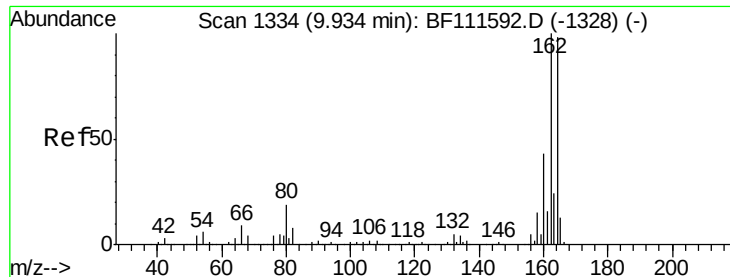
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	36.1	27.0	40.6



#38
 1-Methylnaphthalene
 Concen: 17.100 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF111767.D
 Acq: 27 Dec 2018 17:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.2	111.4
116	3.8	2.9	4.3

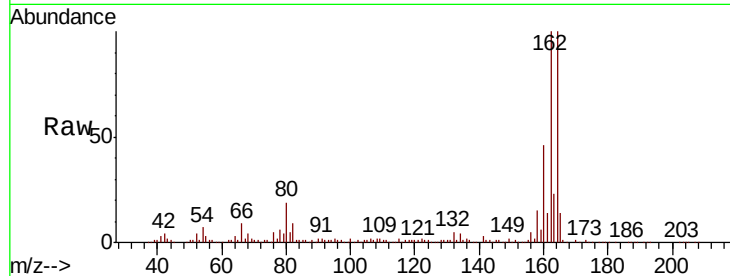




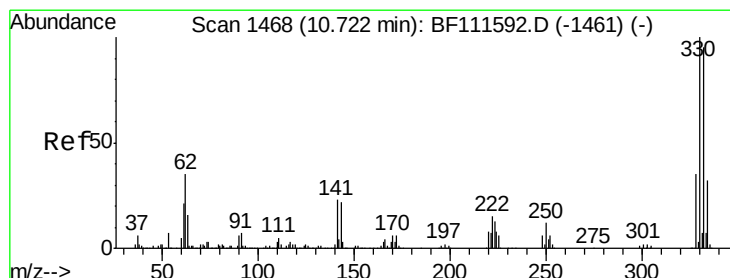
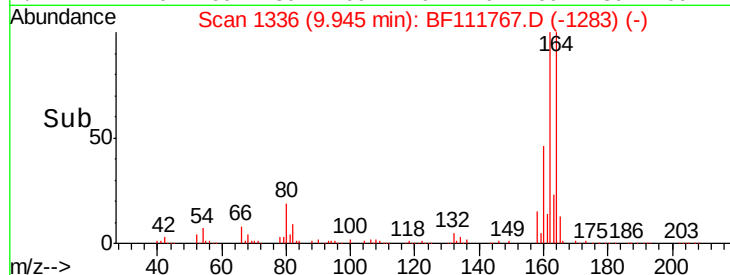
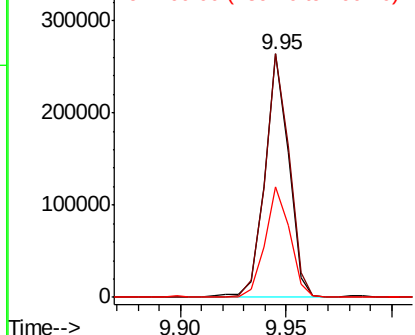
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF111767.D
 Acq: 27 Dec 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS020-0002-01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.0
160	45.6	35.7	53.5

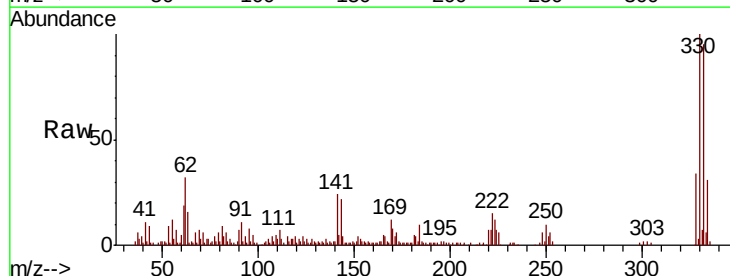


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

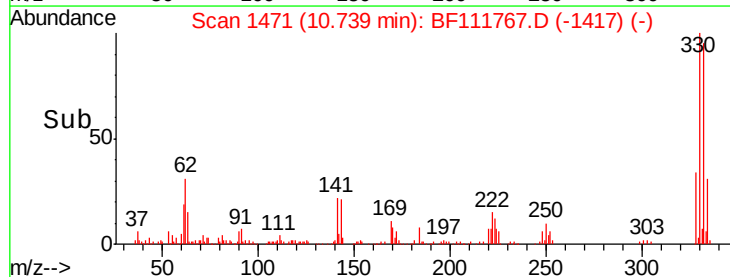
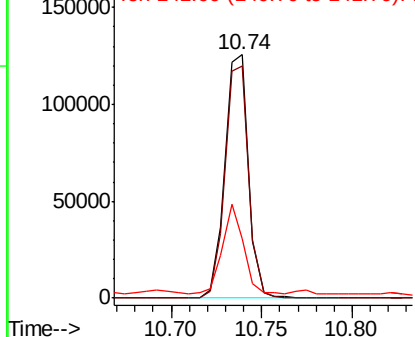


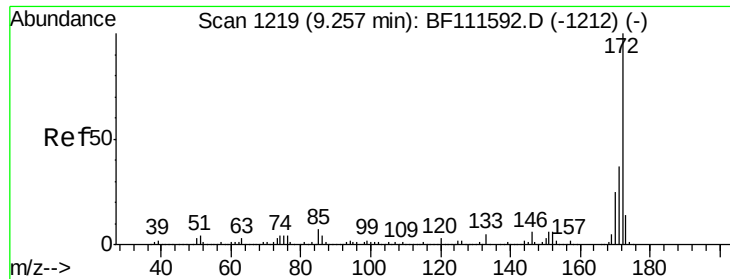
#42
 2,4,6-Tribromophenol
 Concen: 46.167 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.02 min
 Lab File: BF111767.D
 Acq: 27 Dec 2018 17:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.0	114.0
141	32.9	31.0	46.6



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

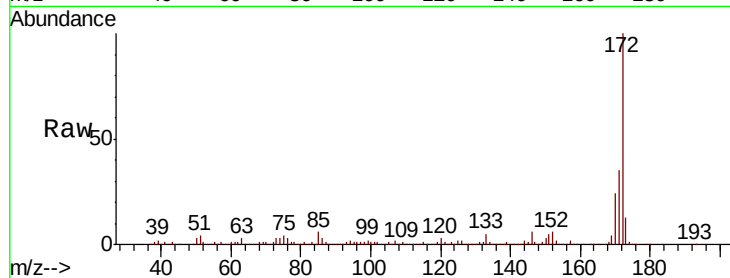




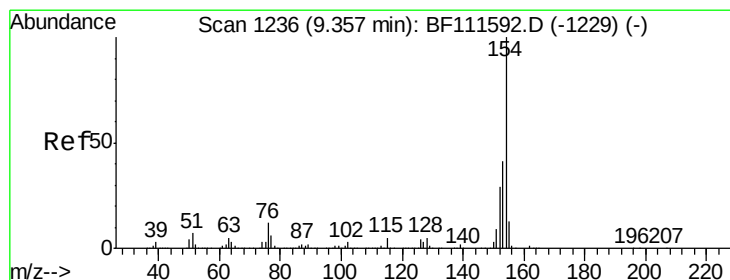
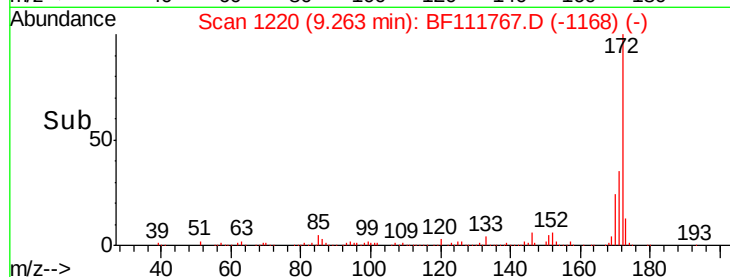
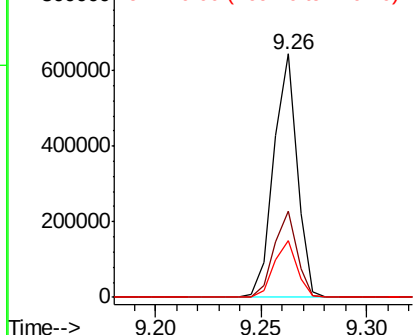
#45
2-Fluorobiphenyl
Concen: 34.832 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:172 Resp: 497926
Ion Ratio Lower Upper
172 100
171 35.4 33.0 49.4
170 23.5 22.3 33.5

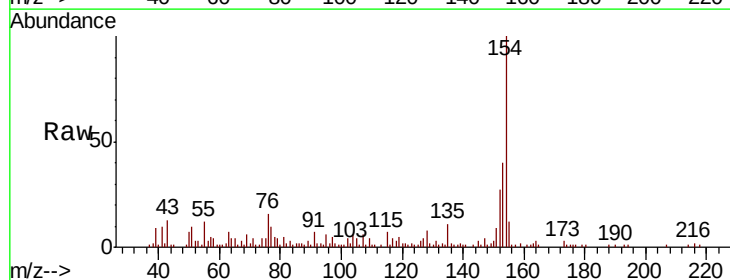


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

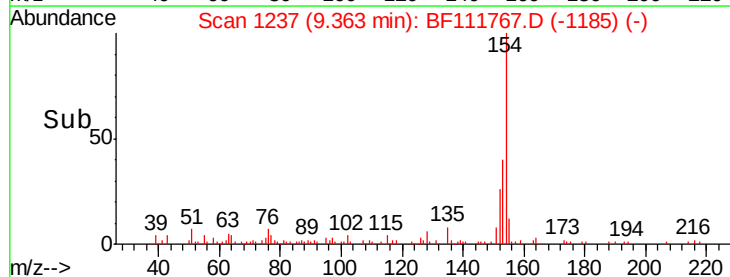
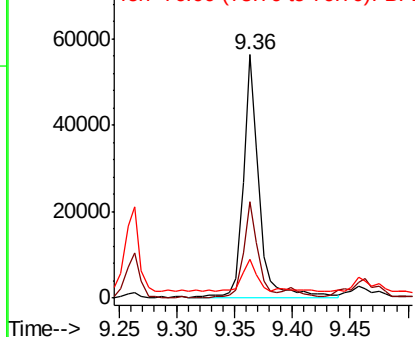


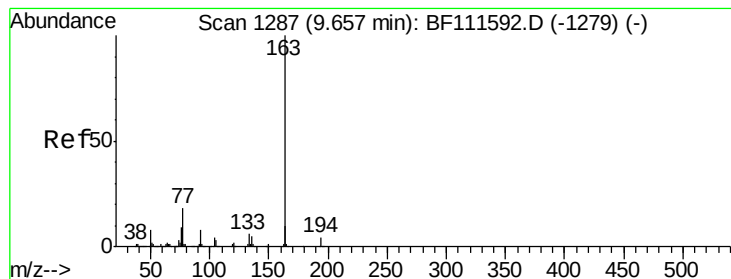
#46
1,1'-Biphenyl
Concen: 3.076 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:154 Resp: 54104
Ion Ratio Lower Upper
154 100
153 39.8 23.7 63.7
76 15.7 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#50

Dimethylphthalate

Concen: 4.284 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111767.D

Acq: 27 Dec 2018 17:25

Instrument :

BNA_F

ClientSampleId :

P001-SS020-0002-01

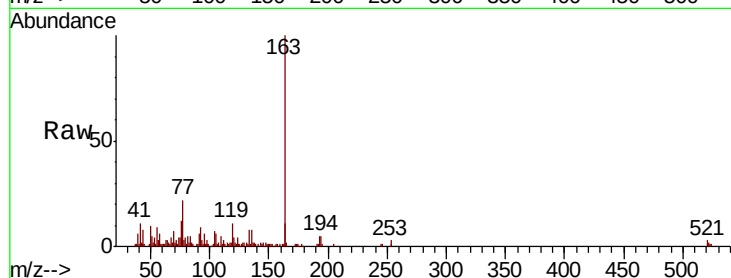
Tgt Ion:163 Resp: 65269

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.6#

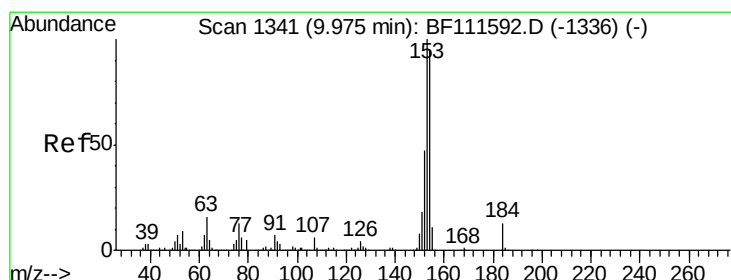
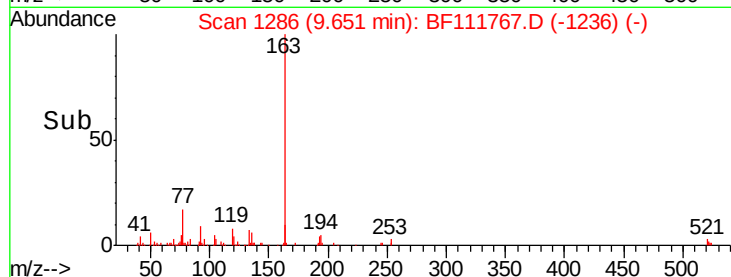
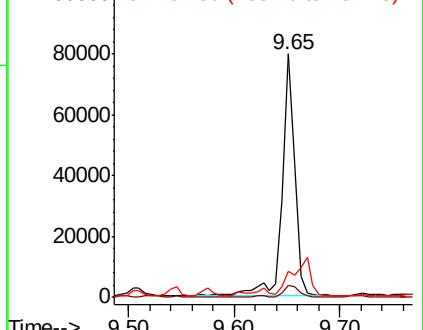
164 10.9 8.9 13.3



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



#54

2,4-Dinitrophenol

Concen: 7.785 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.19 min

Lab File: BF111767.D

Acq: 27 Dec 2018 17:25

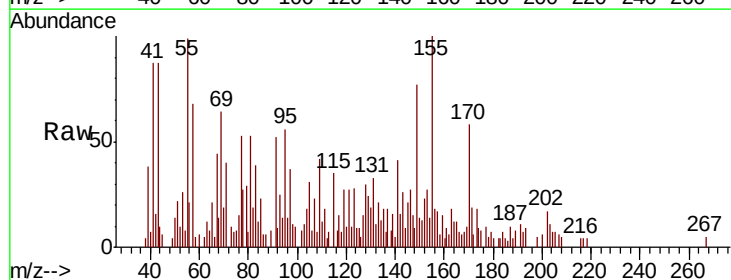
Tgt Ion:184 Resp: 513

Ion Ratio Lower Upper

184 100

63 182.2 62.3 93.5#

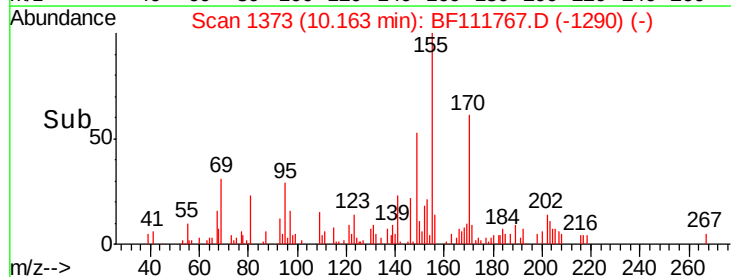
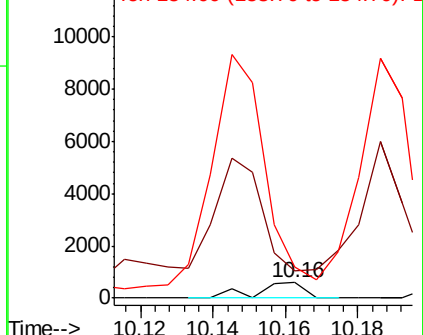
154 205.1 56.2 84.2#

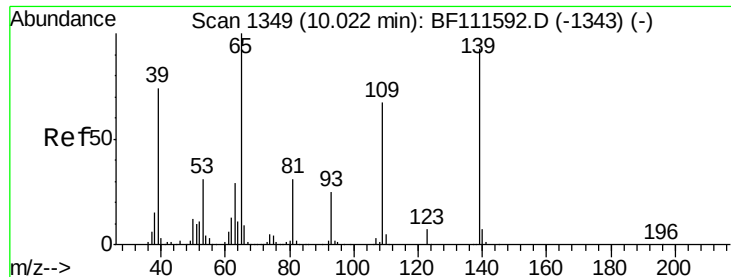


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

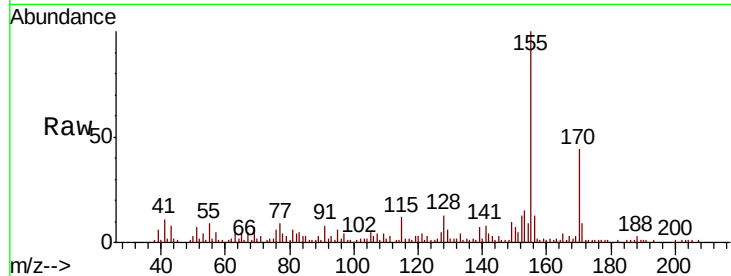




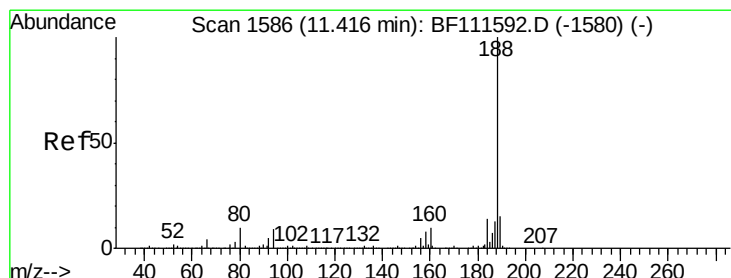
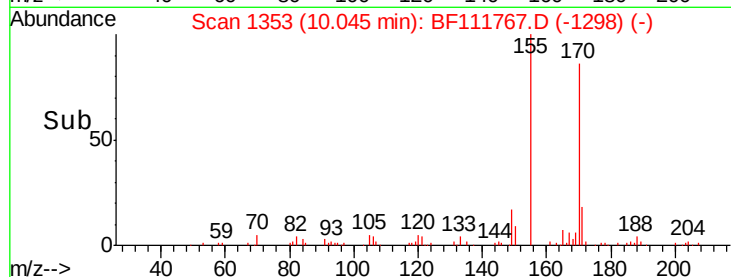
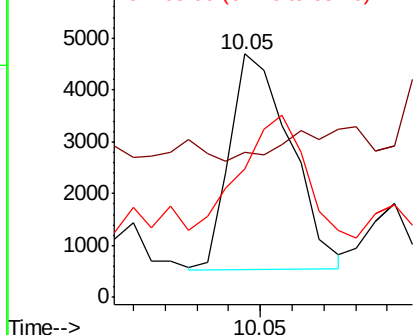
#56
4-Nitrophenol
Concen: 2.239 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:139 Resp: 5536
Ion Ratio Lower Upper
139 100
109 59.4 41.8 81.8
65 52.5 79.6 119.6#

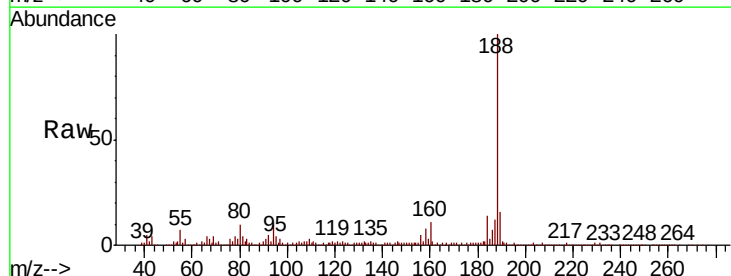


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

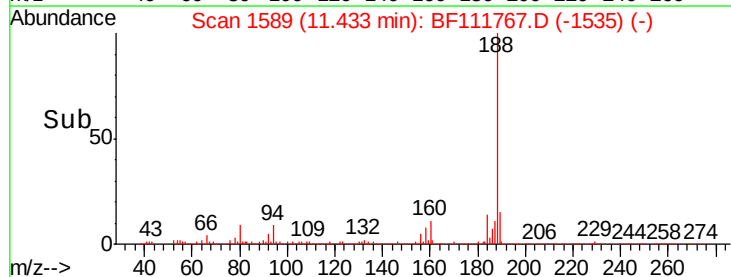
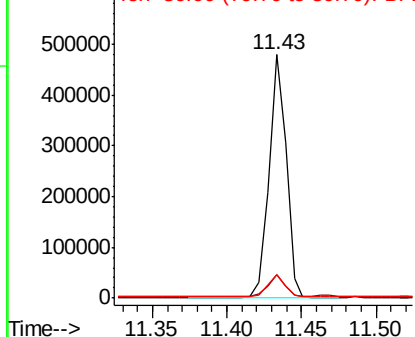


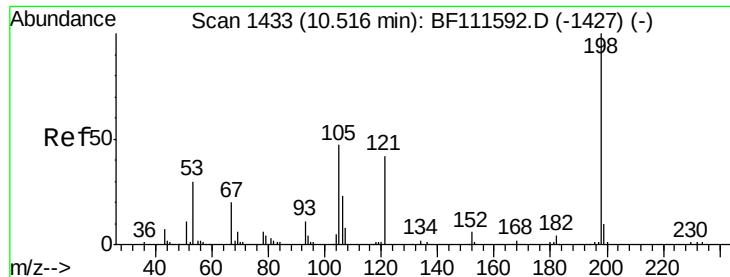
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:188 Resp: 377078
Ion Ratio Lower Upper
188 100
94 9.7 9.6 14.4
80 9.8 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

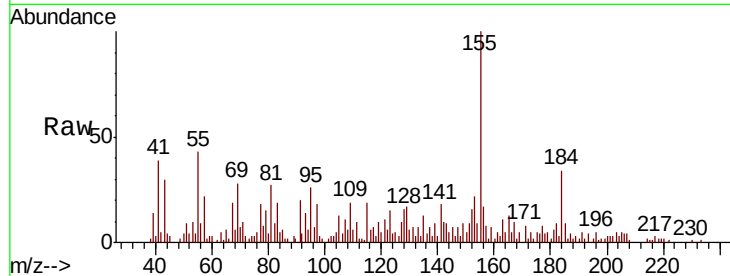




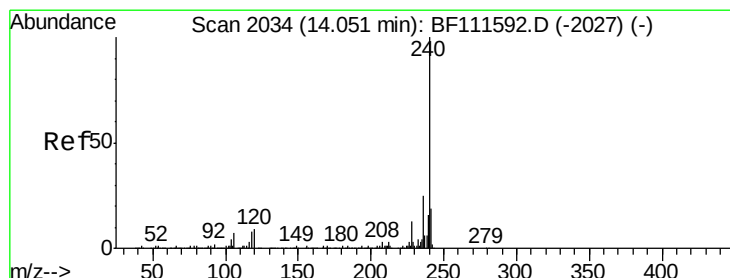
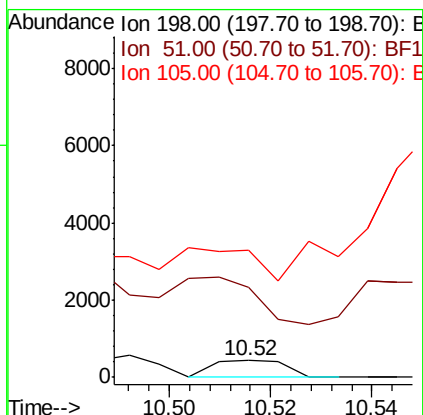
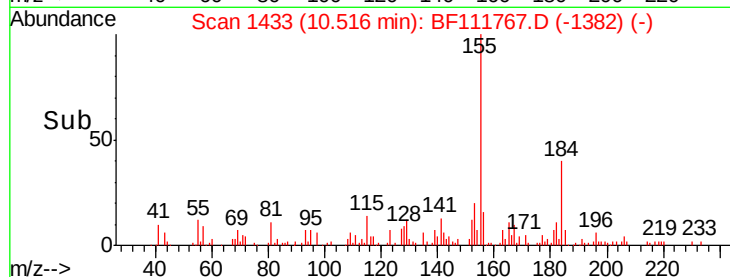
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.937 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF111767.D
 Acq: 27 Dec 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS020-0002-01

Tgt Ion:198 Resp: 443
 Ion Ratio Lower Upper
 198 100
 51 530.5 48.0 88.0#
 105 751.1 34.0 74.0#

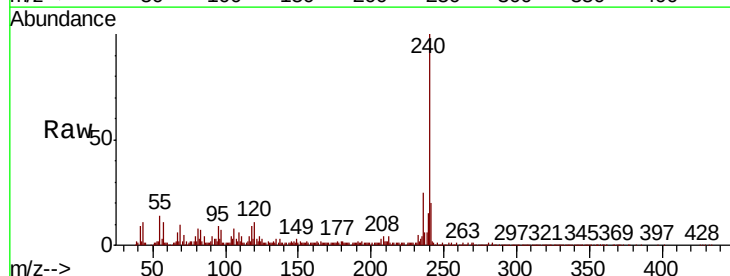


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

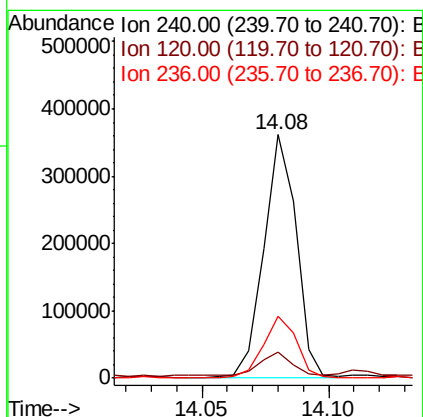
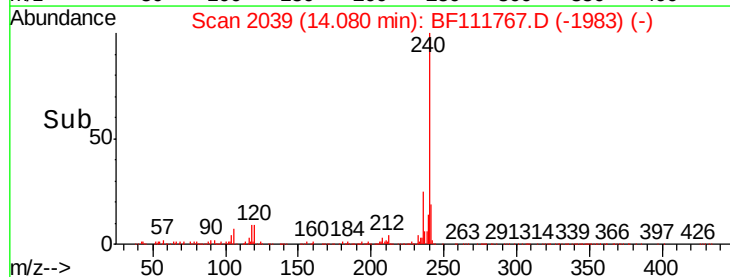


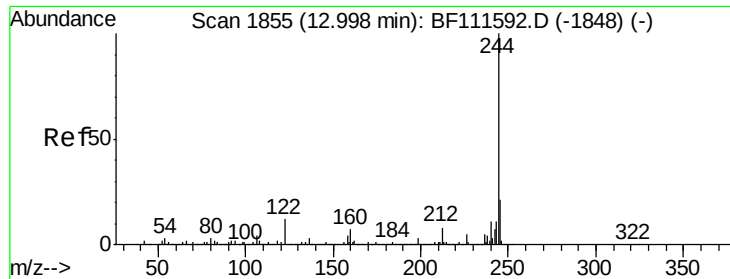
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.03 min
 Lab File: BF111767.D
 Acq: 27 Dec 2018 17:25

Tgt Ion:240 Resp: 317602
 Ion Ratio Lower Upper
 240 100
 120 10.8 12.2 18.2#
 236 25.4 20.2 30.2



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





#79

Terphenyl-d14

Concen: 31.408 ng

RT: 13.02 min Scan# 1859

Delta R.T. 0.02 min

Lab File: BF111767.D

Acq: 27 Dec 2018 17:25

Instrument :

BNA_F

ClientSampleId :

P001-SS020-0002-01

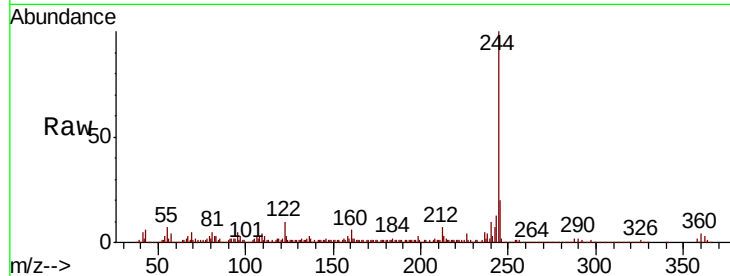
Tgt Ion:244 Resp: 526009

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

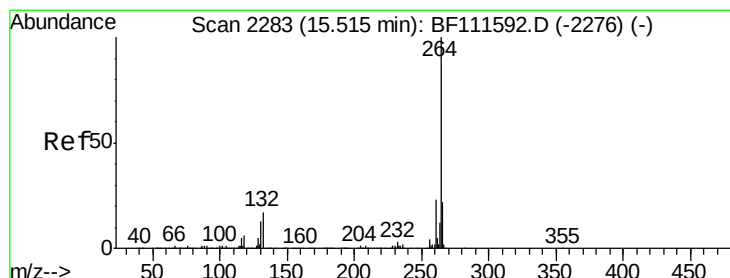
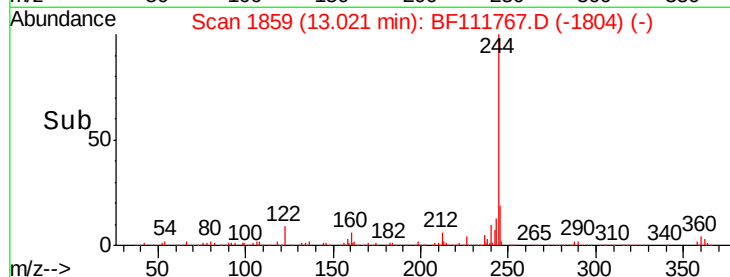
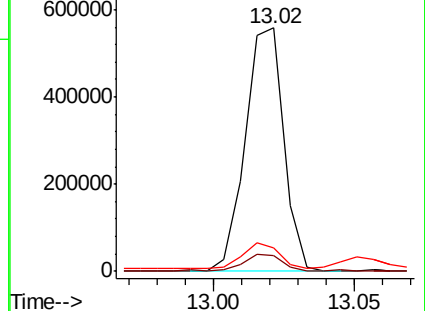
122 9.6 13.1 19.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.07 min

Lab File: BF111767.D

Acq: 27 Dec 2018 17:25

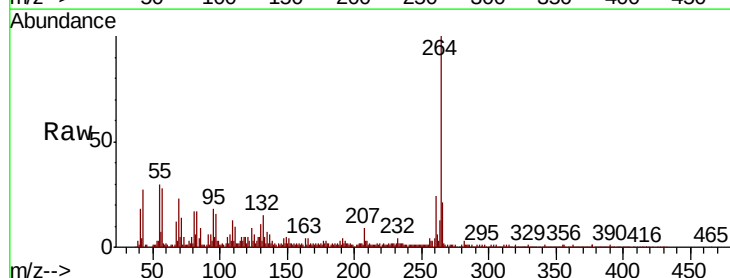
Tgt Ion:264 Resp: 228678

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.0 17.7 26.5



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

