

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111687.D
 Acq On : 21 Dec 2018 15:09
 Operator : JU/SJ
 Sample : J6447-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Quant Time: Dec 21 23:23:49 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

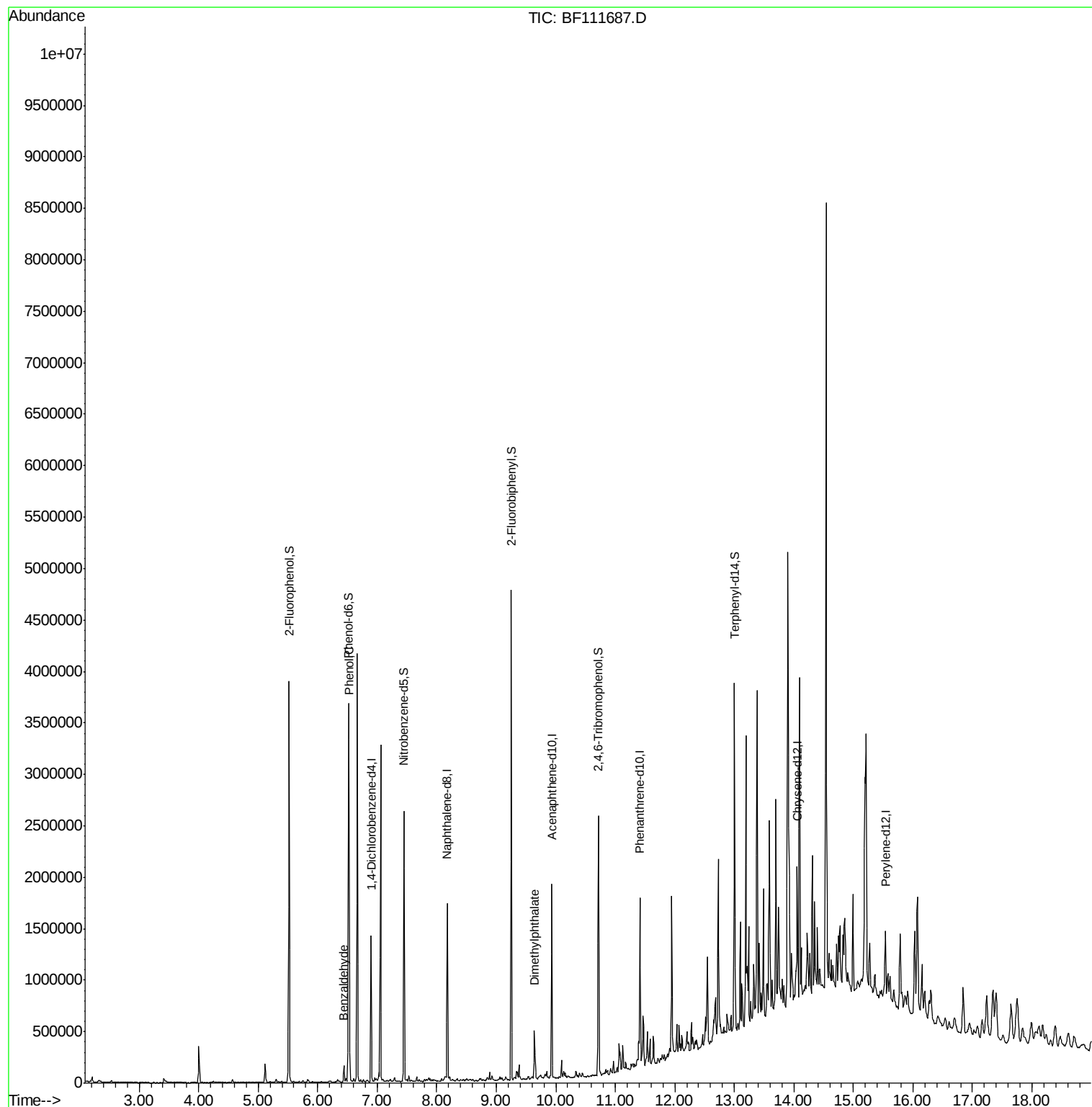
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	198753	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	743169	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	334853	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	517387	20.00	ng	0.00
76) Chrysene-d12	14.06	240	434056	20.00	ng	0.00
87) Perylene-d12	15.54	264	309995	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1007659	86.42	ng	0.00
7) Phenol-d6	6.52	99	1295076	87.27	ng	0.00
23) Nitrobenzene-d5	7.45	82	814748	63.81	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	298915	75.55	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1409721	61.36	ng	0.00
79) Terphenyl-d14	13.00	244	1106793	48.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	27369	2.682	ng	98
10) Phenol	6.53	94	104311	6.230	ng	97
50) Dimethylphthalate	9.64	163	163622	6.682	ng	99

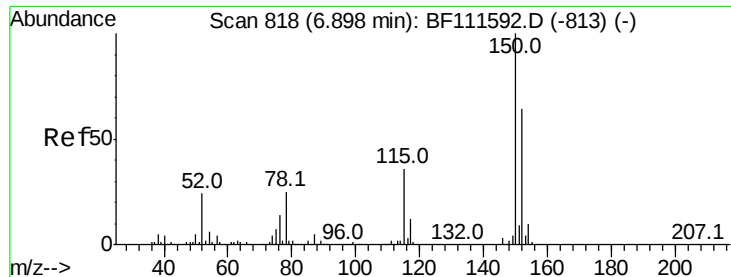
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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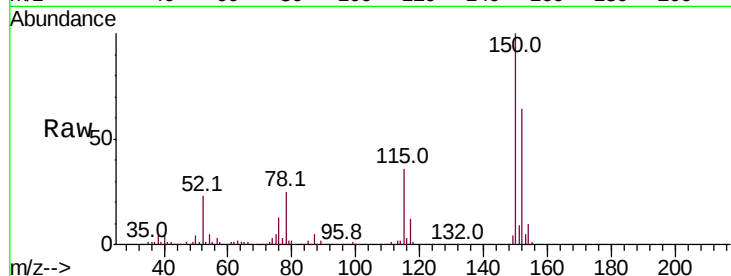


#1

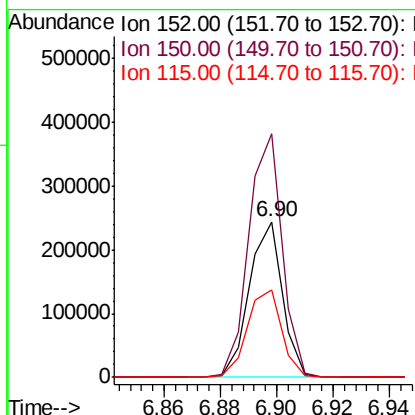
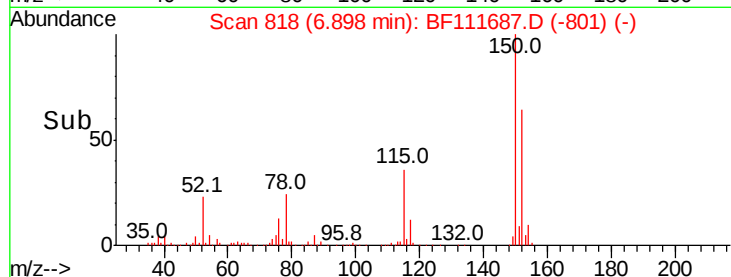
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

Tot Ion:152 Resp: 198753
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 56.1 50.7 76.1



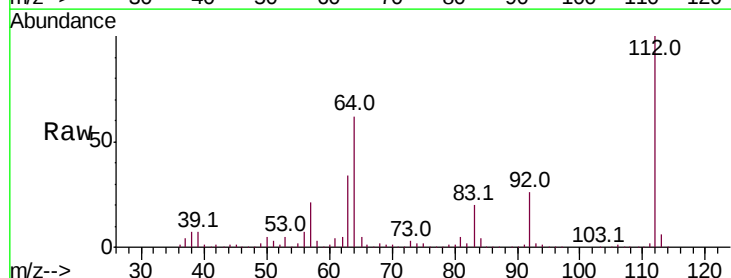
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



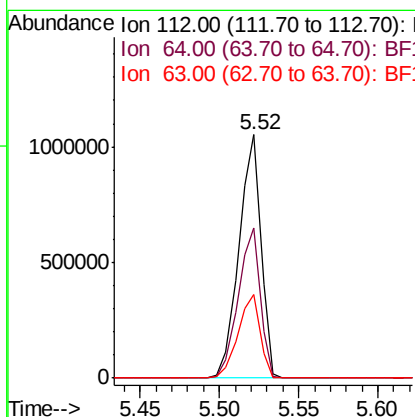
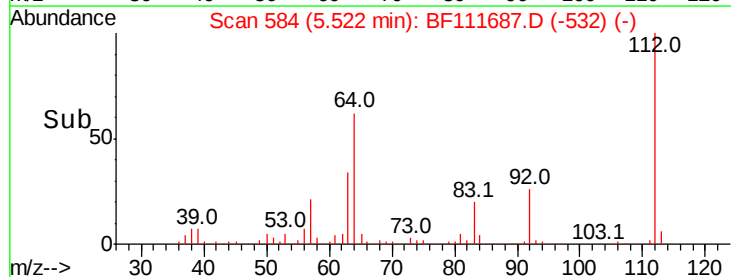
#5

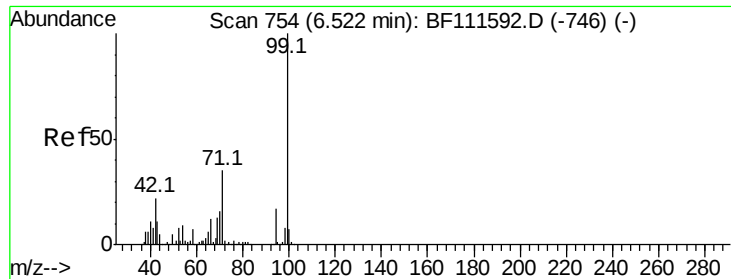
2-Fluorophenol
Concen: 86.418 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Tgt Ion:112 Resp: 1007659
Ion Ratio Lower Upper
112 100
64 61.8 51.8 77.6
63 34.4 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: 87.273 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

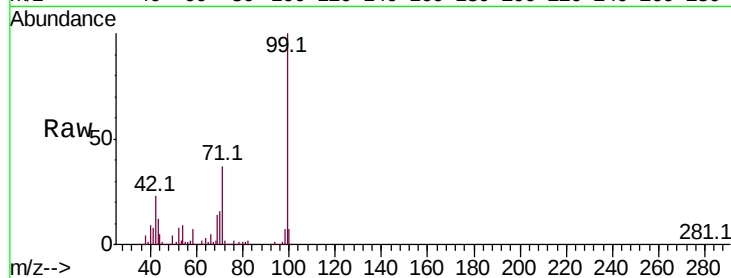
Tot Ion: 99 Resp: 1295076

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

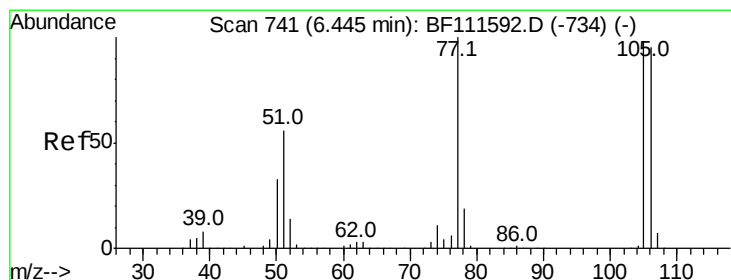
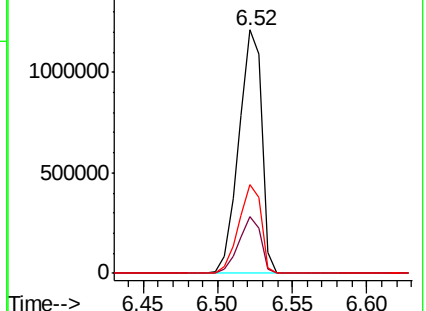
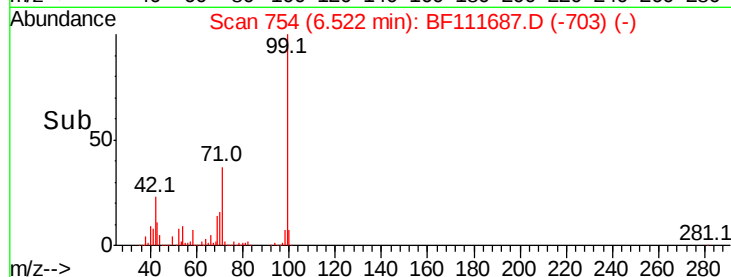
71 36.7 26.1 39.1



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: 2.682 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

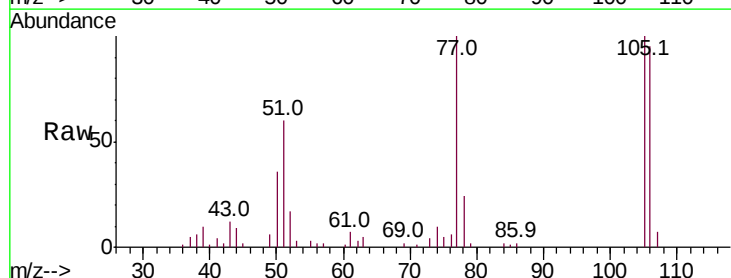
Tgt Ion: 77 Resp: 27369

Ion Ratio Lower Upper

77 100

105 100.0 81.4 121.4

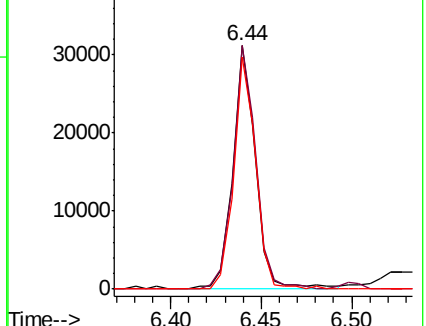
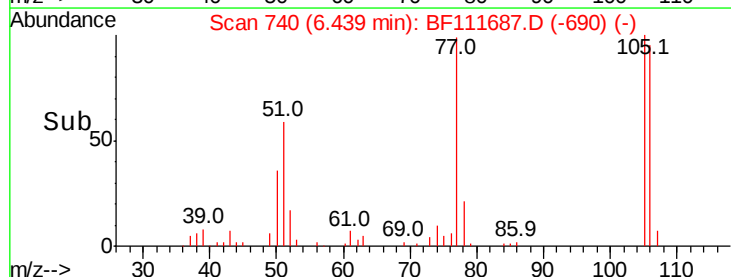
106 95.2 77.9 117.9

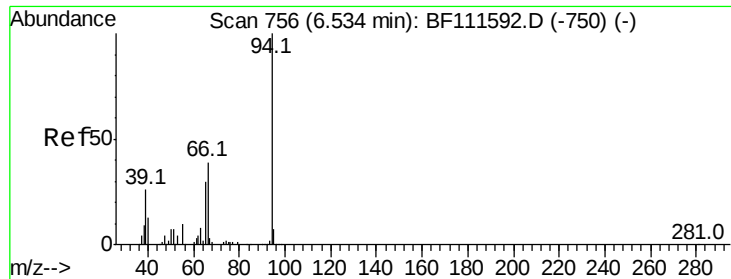


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

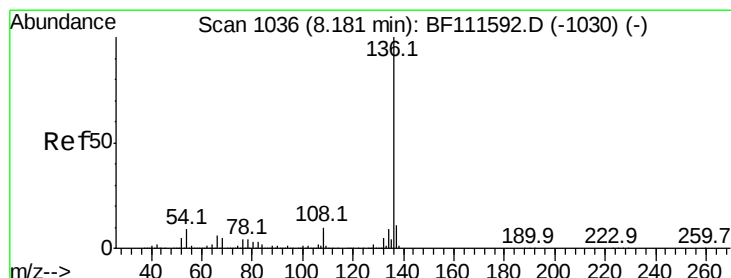
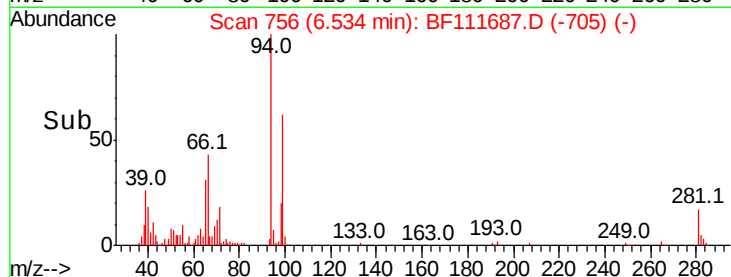
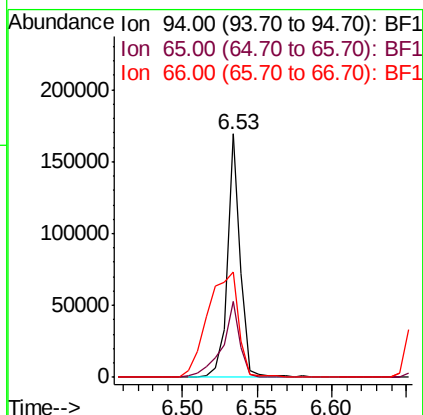
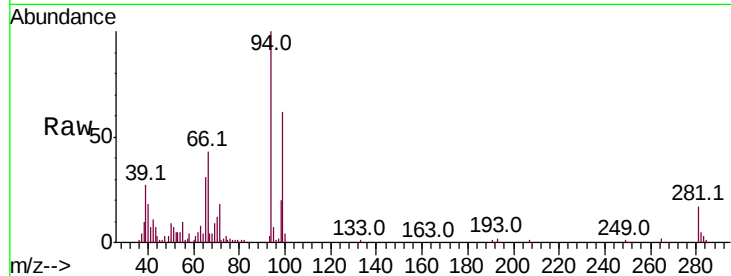




#10
Phenol
Concen: 6.230 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

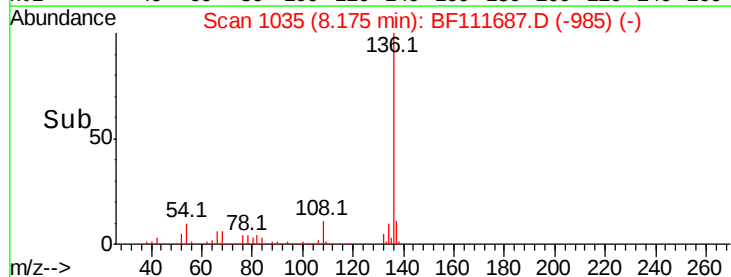
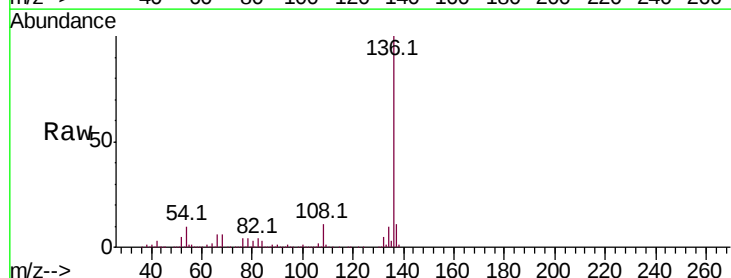
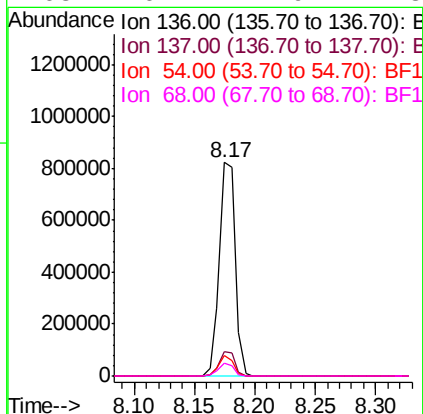
Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

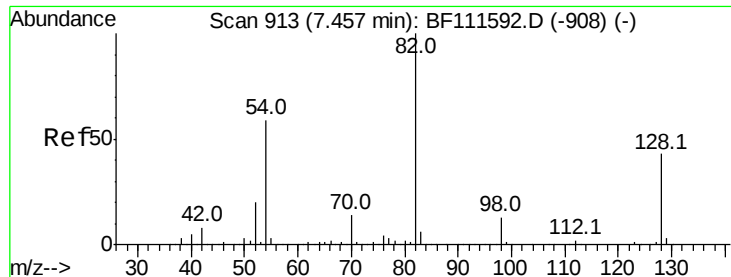
Tot Ion: 94 Resp: 104311
Ion Ratio Lower Upper
94 100
65 31.2 11.7 51.7
66 43.4 21.0 61.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Tgt Ion:136 Resp: 743169
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.9 7.7 11.5
68 6.1 4.9 7.3

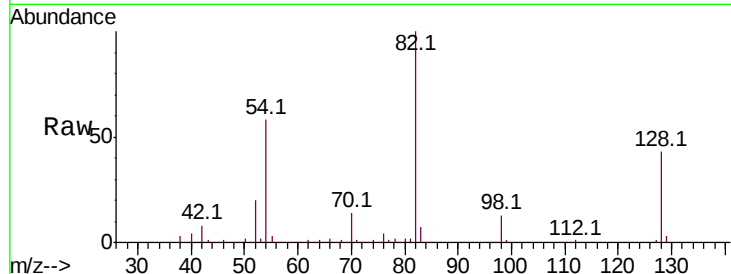




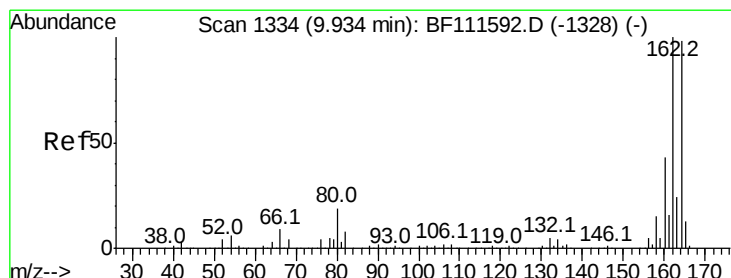
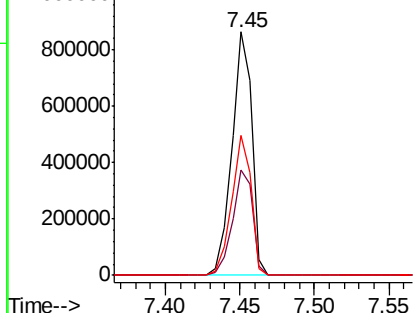
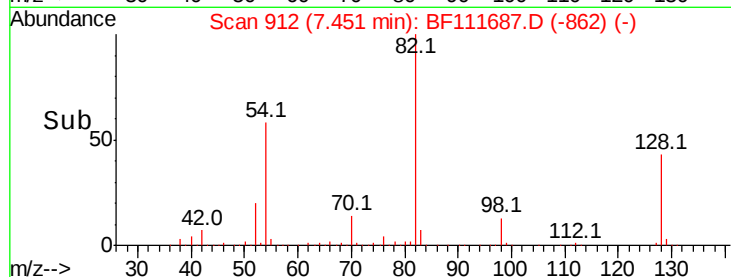
#23
 Nitrobenzene-d5
 Concen: 63.814 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111687.D
 Acq: 21 Dec 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Tot Ion: 82 Resp: 814748
 Ion Ratio Lower Upper
 82 100
 128 43.1 37.4 56.2
 54 57.6 47.6 71.4

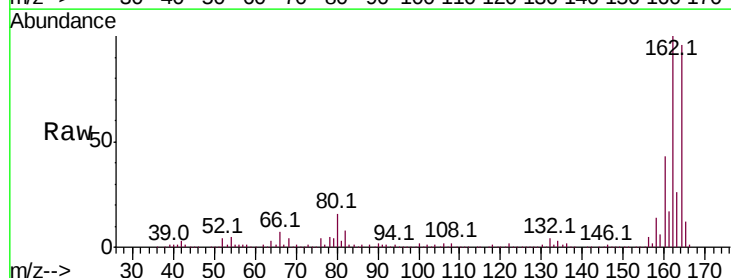


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

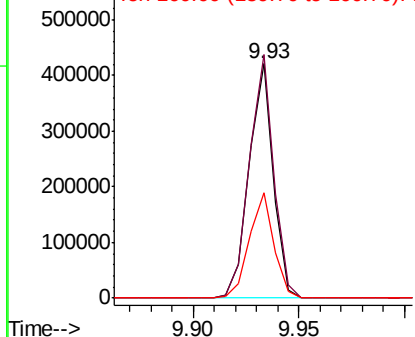
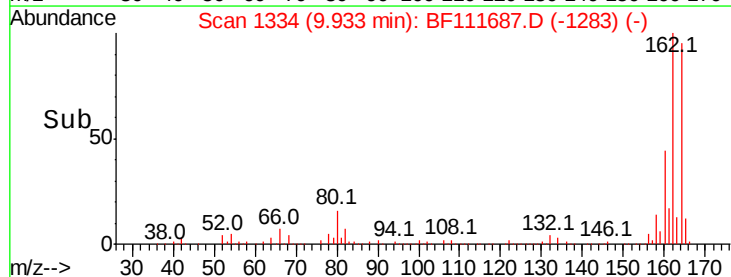


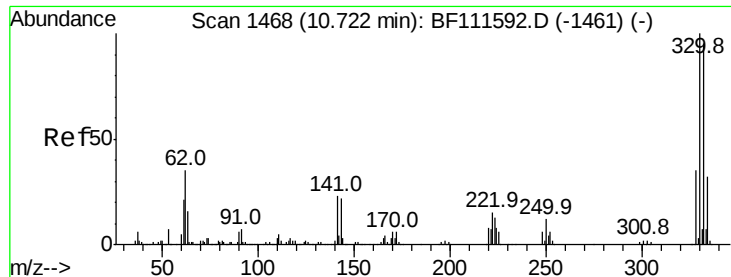
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111687.D
 Acq: 21 Dec 2018 15:09

Tgt Ion: 164 Resp: 334853
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.4 122.0
 160 45.1 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

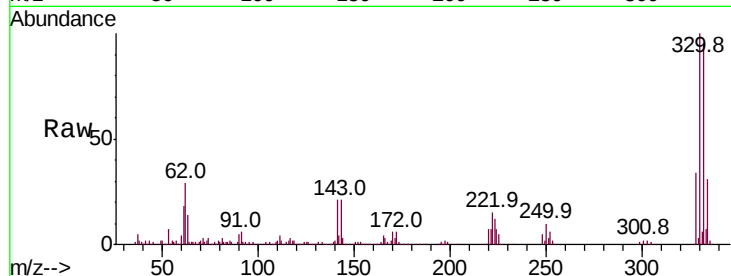




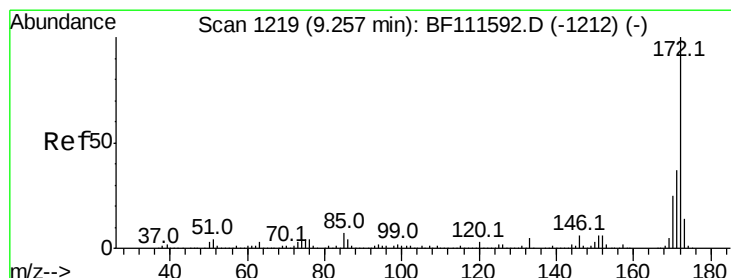
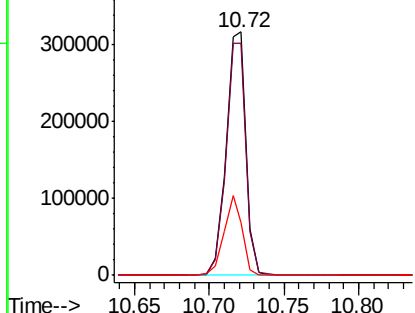
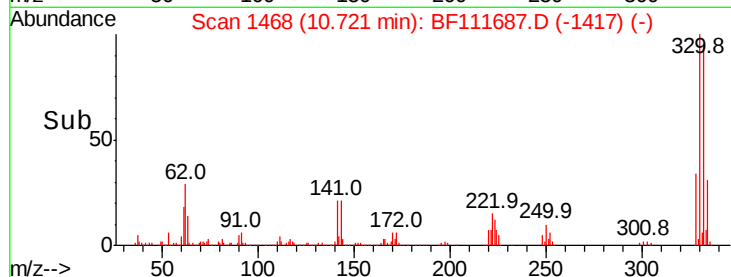
#42
 2,4,6-Tribromophenol
 Concen: 75.550 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111687.D
 Acq: 21 Dec 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	30.3	31.0	46.6#

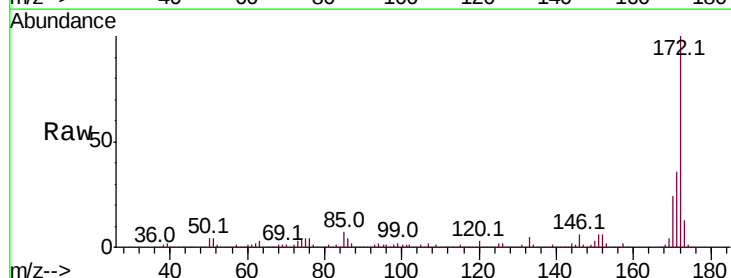


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

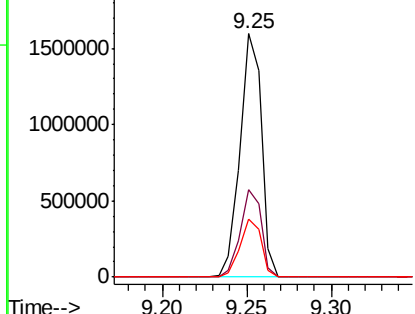
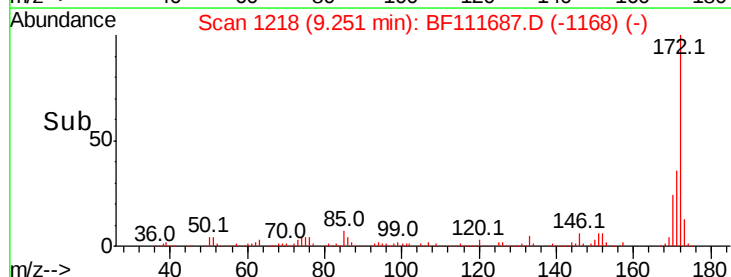


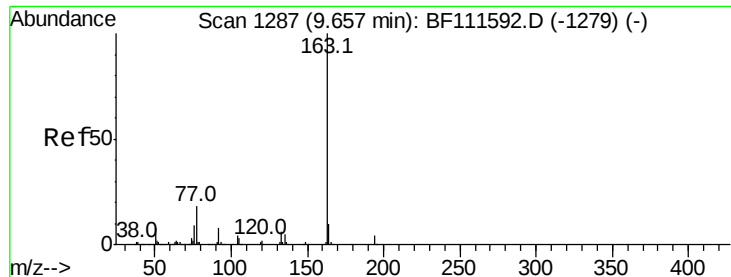
#45
 2-Fluorobiphenyl
 Concen: 61.364 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111687.D
 Acq: 21 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	23.9	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





#50

Dimethylphthalate

Concen: 6.682 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

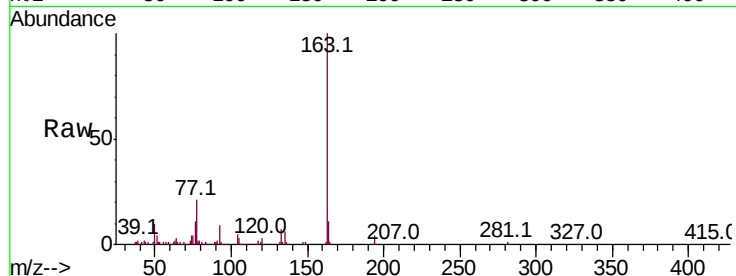
Tot Ion:163 Resp: 163622

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

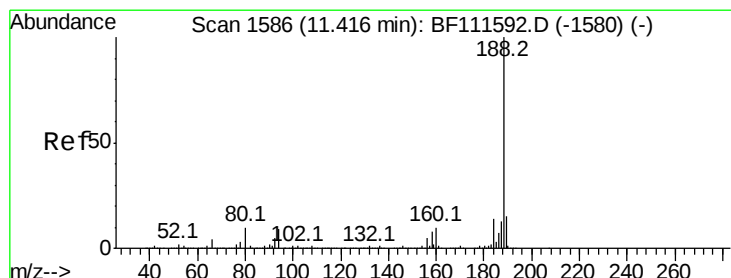
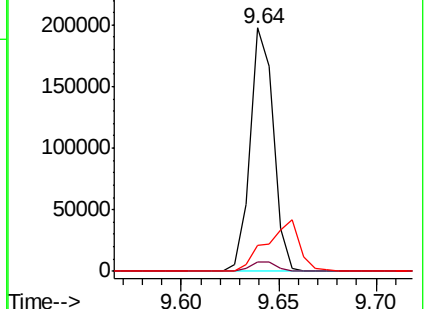
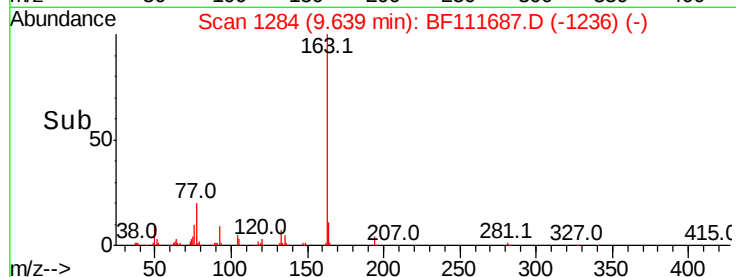
164 10.7 8.9 13.3



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

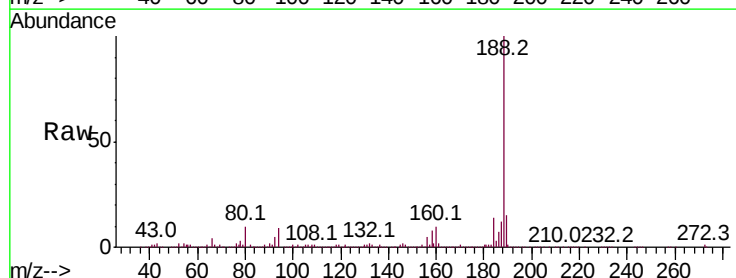
Tgt Ion:188 Resp: 517387

Ion Ratio Lower Upper

188 100

94 9.0 9.6 14.4#

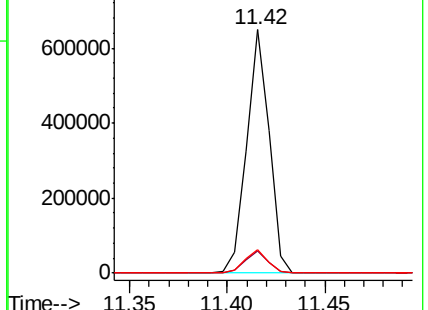
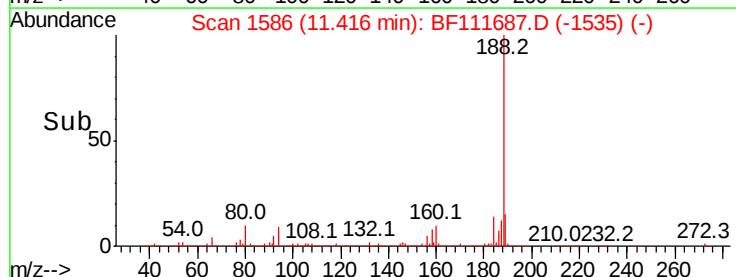
80 9.6 9.8 14.6#

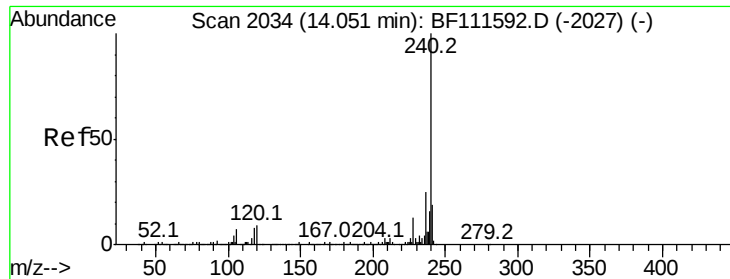


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

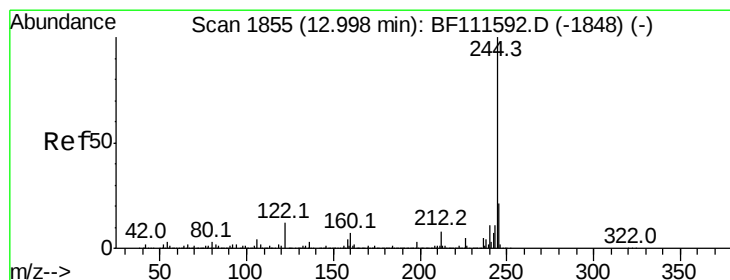
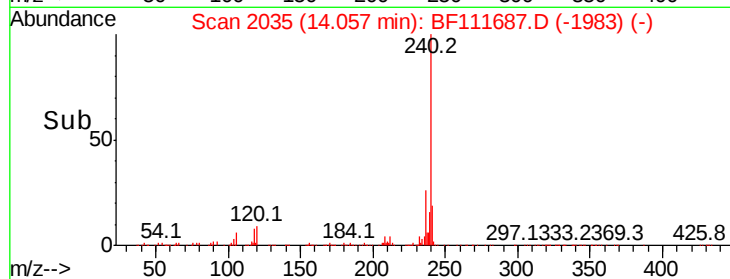
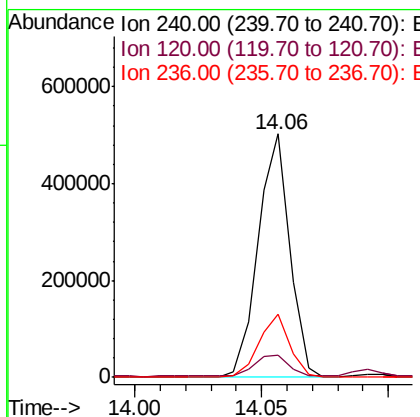
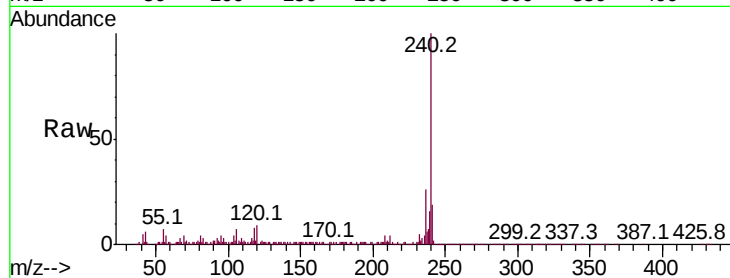




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111687.D
 Acq: 21 Dec 2018 15:09

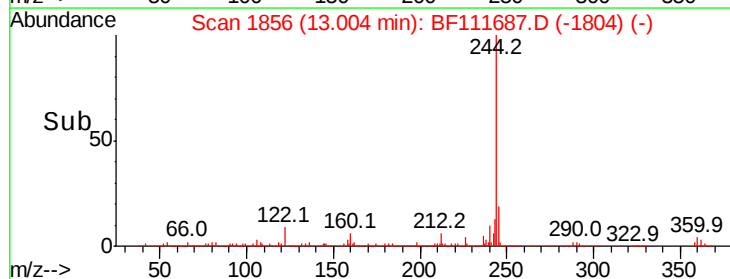
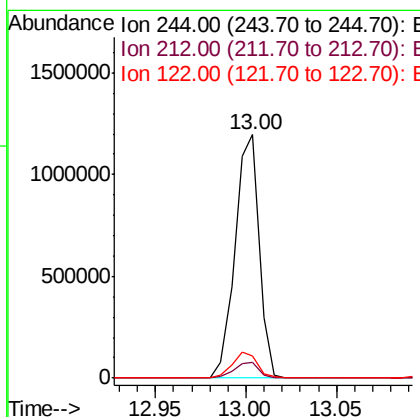
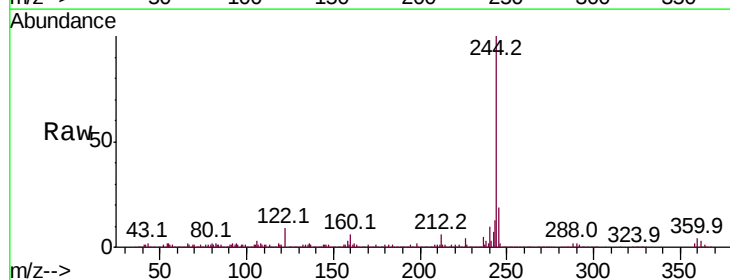
Instrument :
 BNA_F
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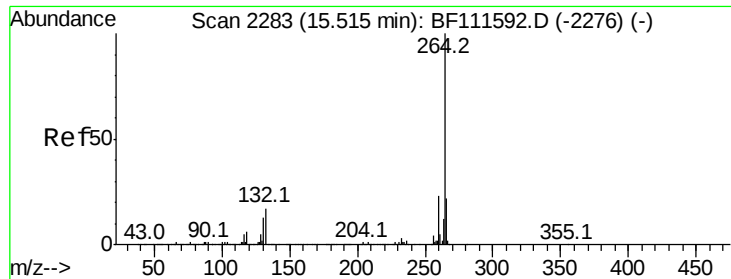
Tot Ion:240 Resp: 434056
 Ion Ratio Lower Upper
 240 100
 120 9.3 12.2 18.2#
 236 25.7 20.2 30.2



#79
 Terphenyl-d14
 Concen: 48.356 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111687.D
 Acq: 21 Dec 2018 15:09

Tgt Ion:244 Resp: 1106793
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 8.9 13.1 19.7#

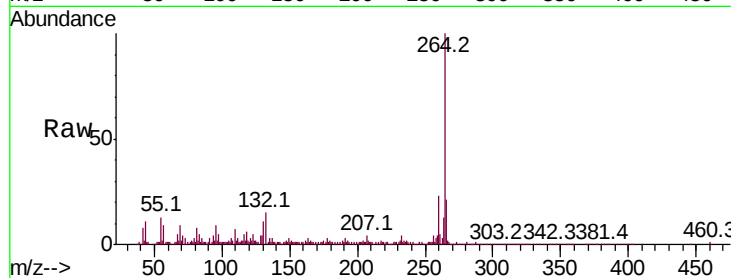




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.4	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

