

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113614.D
 Acq On : 5 Apr 2019 10:45
 Operator : JU/SJ
 Sample : PB118551BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BL

Quant Time: Apr 05 13:54:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

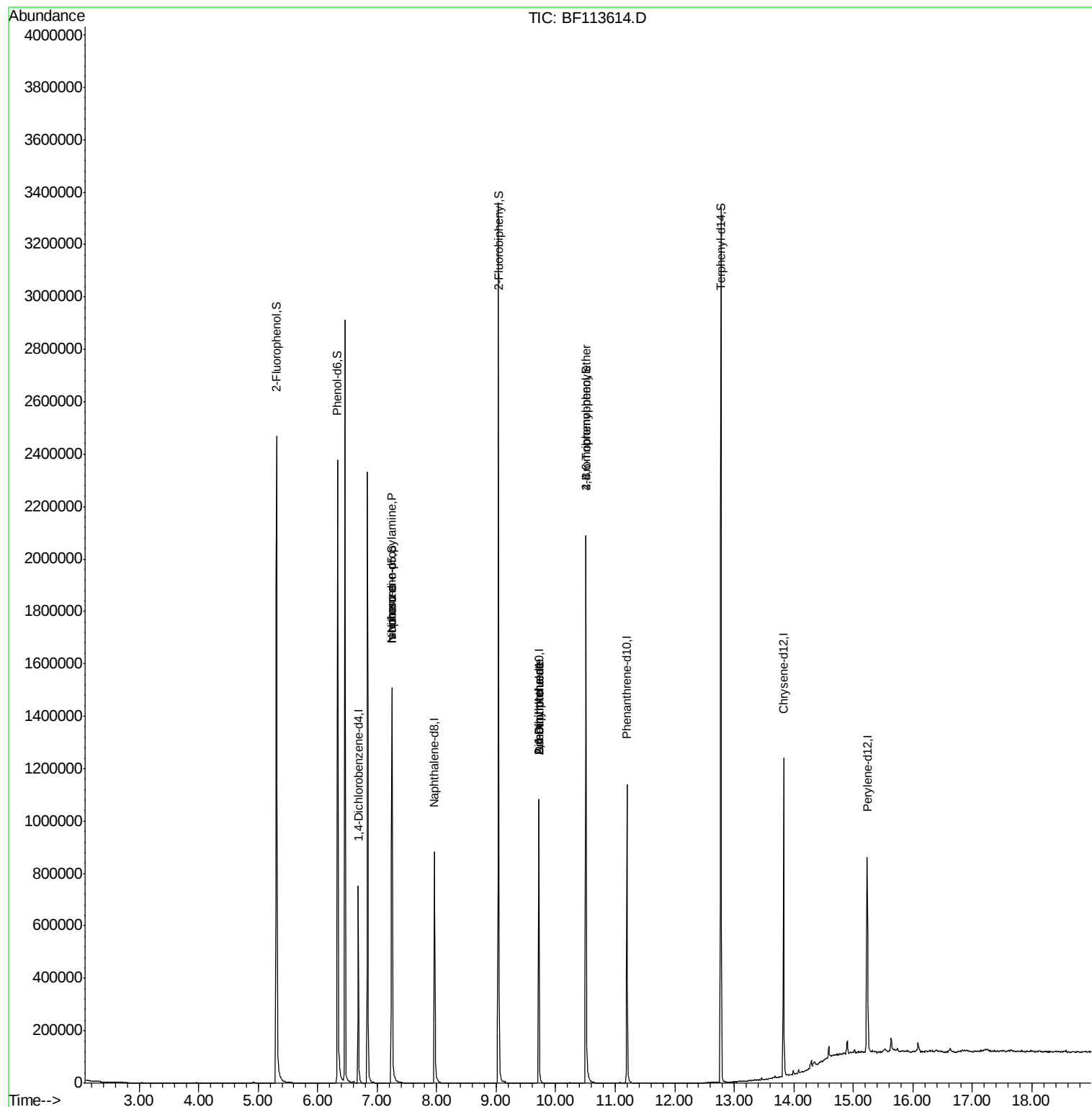
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	125922	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	484512	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	240410	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	506283	20.00	ng	0.00
76) Chrysene-d12	13.83	240	437537	20.00	ng	-0.02
87) Perylene-d12	15.23	264	357942	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	769622	104.22	ng	0.01
7) Phenol-d6	6.33	99	990315	108.81	ng	0.00
23) Nitrobenzene-d5	7.25	82	603644	72.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	322554	111.69	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1196496	80.12	ng	-0.01
79) Terphenyl-d14	12.78	244	1380287	64.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	77165	13.749	ng	# 77
25) Isophorone	7.25	82	603640	37.883	ng	# 64
50) Dimethylphthalate	9.72	163	61424	3.466	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	30228	7.738	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	30228	6.398	ng	# 24
67) 4-Bromophenyl-phenylether	10.50	248	18354	3.232	ng	# 1

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

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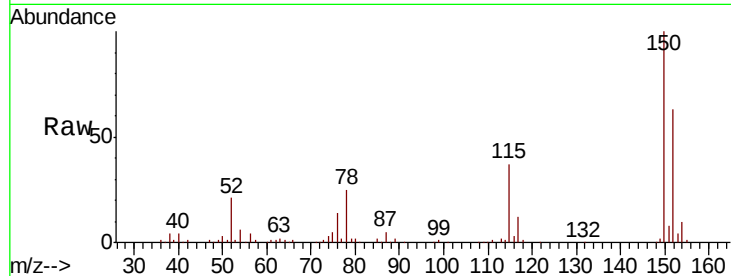


#1

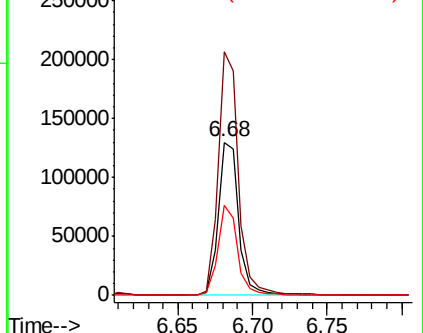
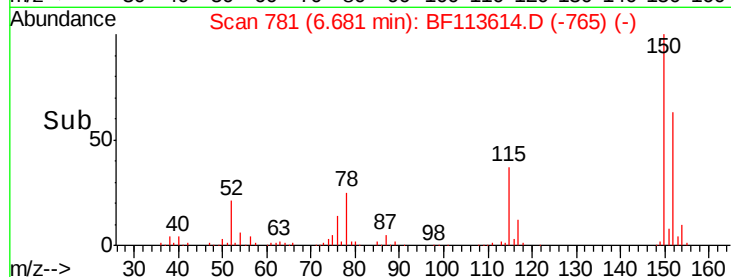
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113614.D
Acq: 5 Apr 2019 10:45

Instrument :
BNA_F
ClientSampleId :
PB118551BL

Tot Ion:152 Resp: 125922
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 58.9 46.0 69.0



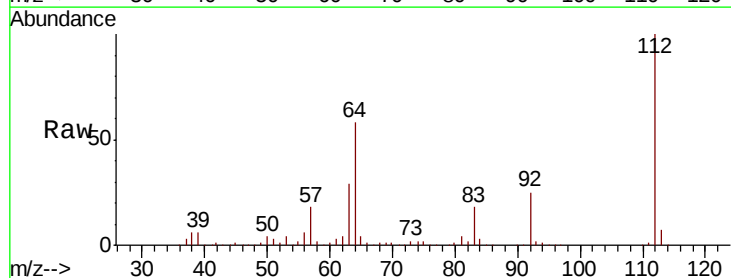
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



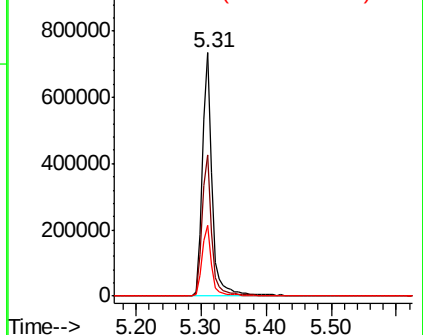
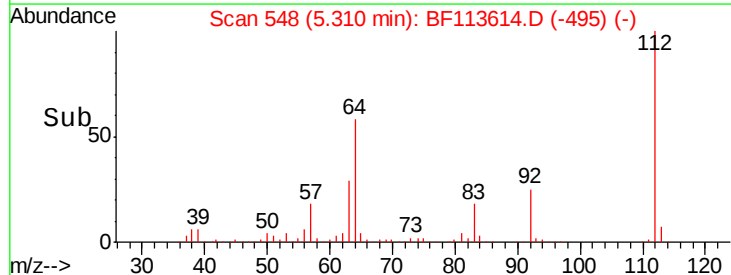
#5

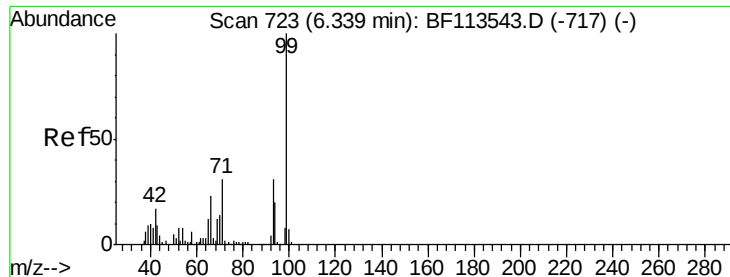
2-Fluorophenol
Concen: 104.222 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113614.D
Acq: 5 Apr 2019 10:45

Tgt Ion:112 Resp: 769622
Ion Ratio Lower Upper
112 100
64 57.8 49.2 73.8
63 29.3 24.9 37.3



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: 108.809 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

Instrument :

BNA_F

ClientSampleId :

PB118551BL

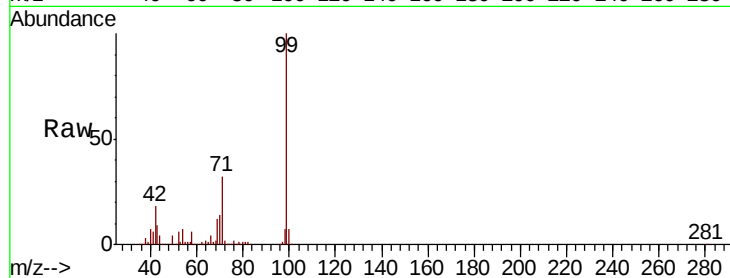
Tot Ion: 99 Resp: 990315

Ion Ratio Lower Upper

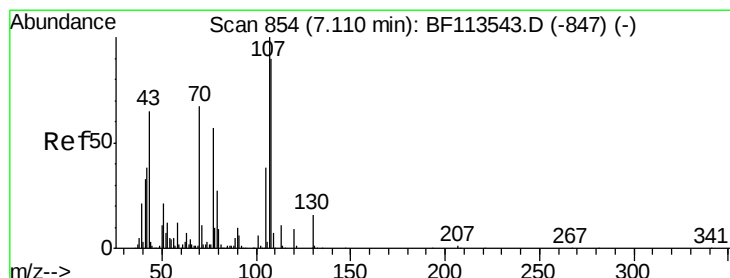
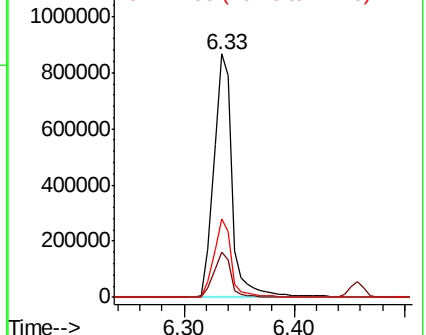
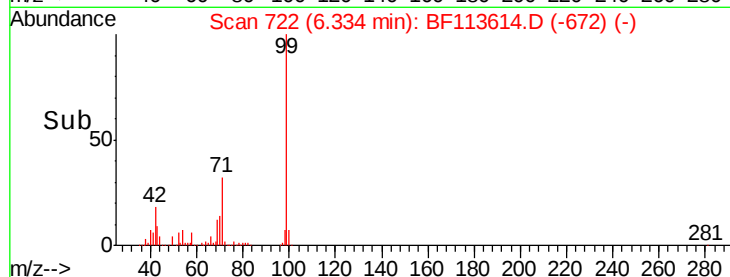
99 100

42 18.4 14.8 22.2

71 32.1 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.749 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

Tgt Ion: 70 Resp: 77165

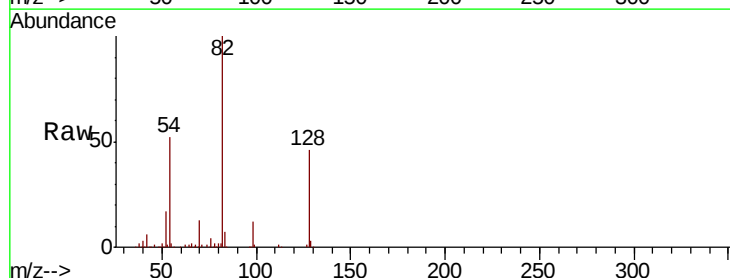
Ion Ratio Lower Upper

70 100

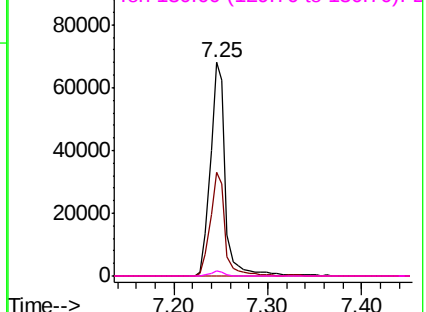
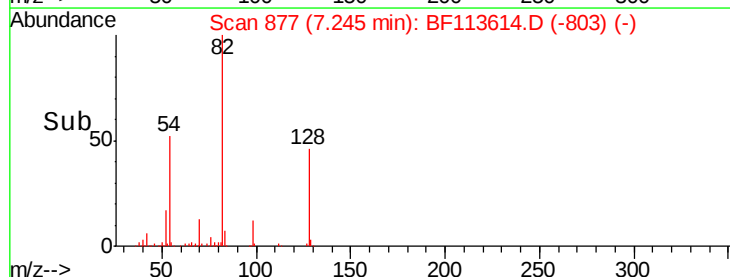
42 48.5 48.4 72.6

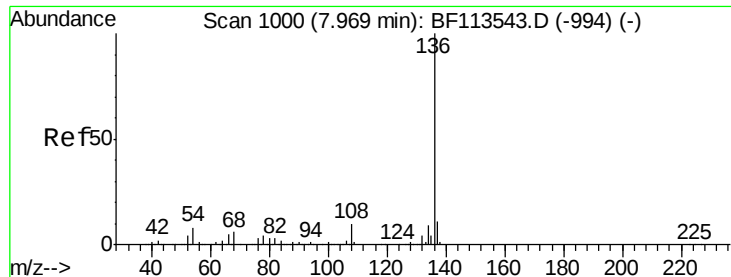
101 0.0 7.8 11.8#

130 2.4 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

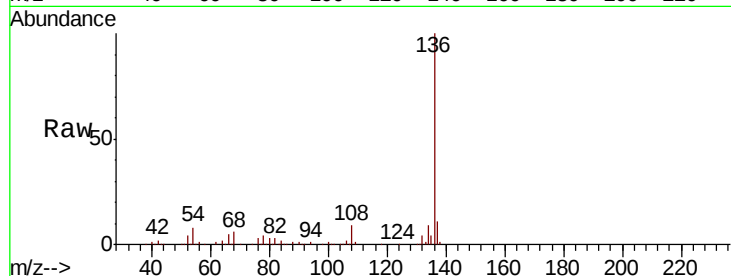




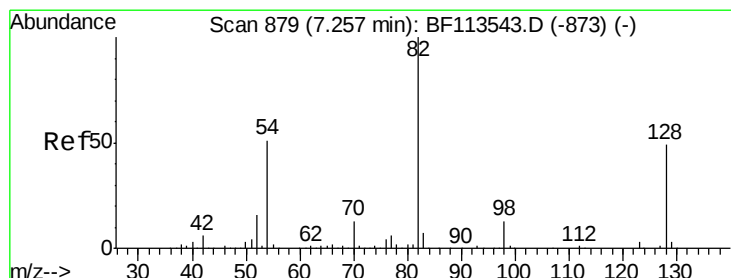
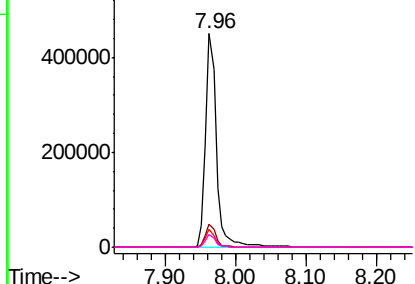
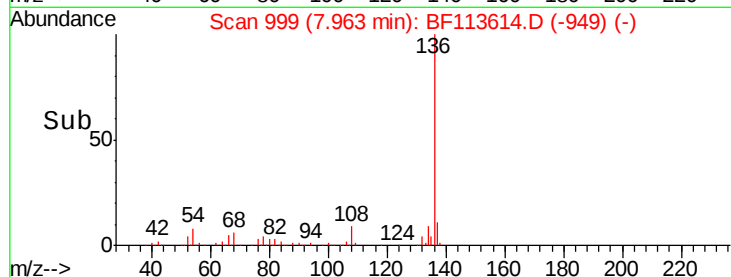
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113614.D
Acq: 5 Apr 2019 10:45

Instrument :
BNA_F
ClientSampleId :
PB118551BL

Tot Ion:136	Resp:	484512
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.3	7.0 10.6
68	6.3	4.8 7.2

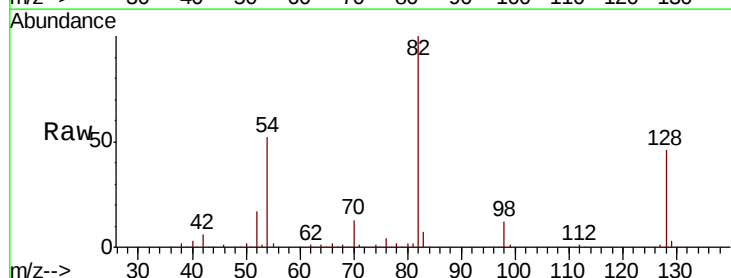


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

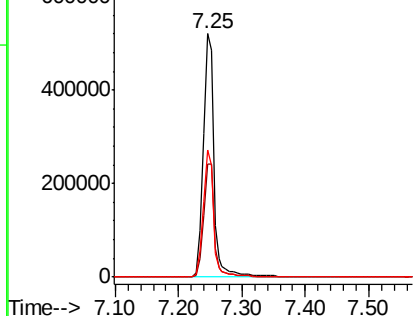
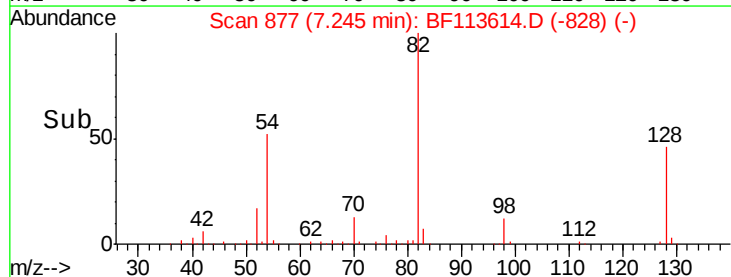


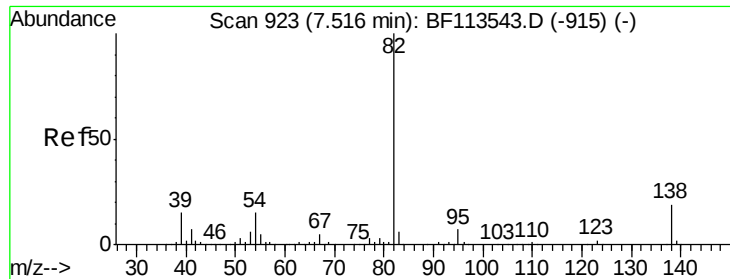
#23
Nitrobenzene-d5
Concen: 72.978 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113614.D
Acq: 5 Apr 2019 10:45

Tgt Ion: 82	Resp:	603644
Ion Ratio	Lower	Upper
82	100	
128	46.3	36.5 54.7
54	52.2	42.2 63.2



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





#25

Isophorone

Concen: 37.883 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

Instrument :

BNA_F

ClientSampleId :

PB118551BL

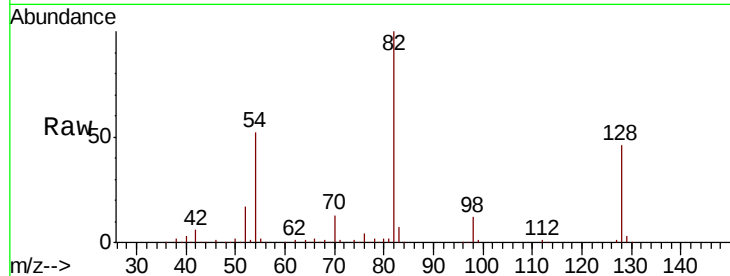
Tot Ion: 82 Resp: 603640

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

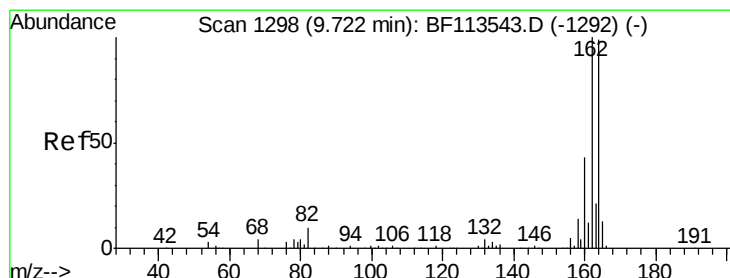
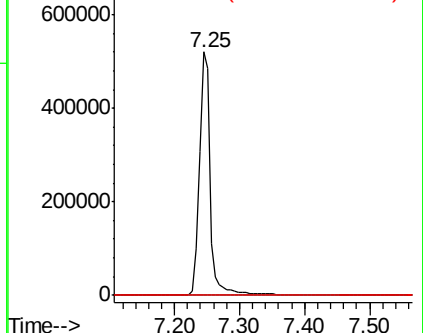
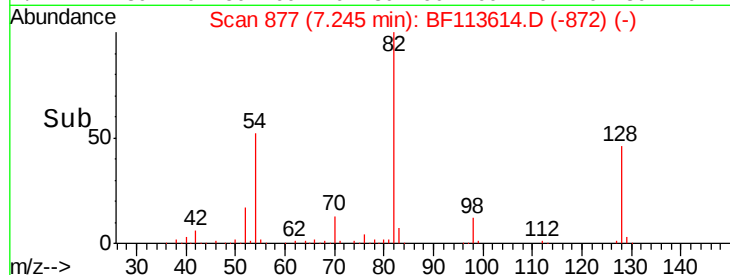
138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

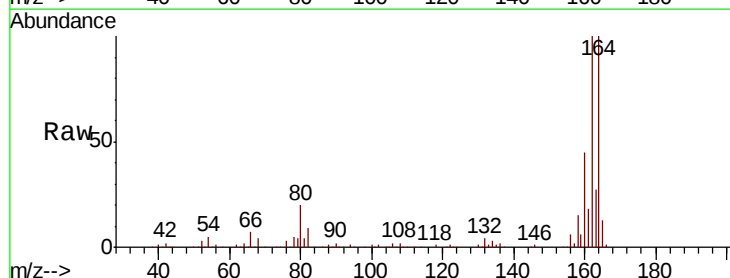
Tgt Ion:164 Resp: 240410

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

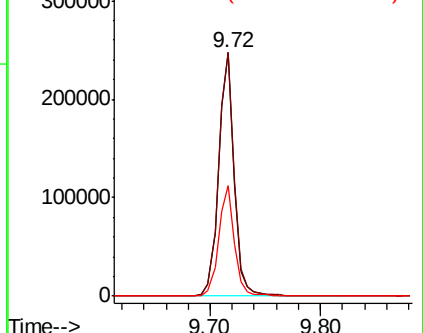
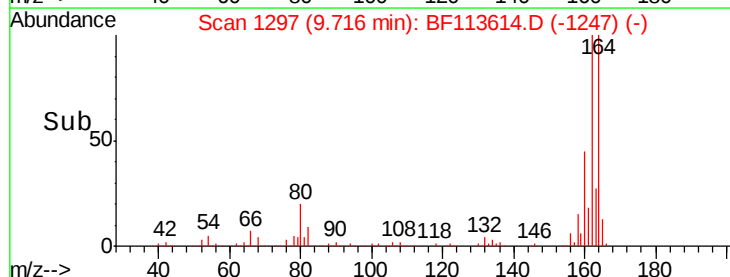
160 45.2 36.4 54.6

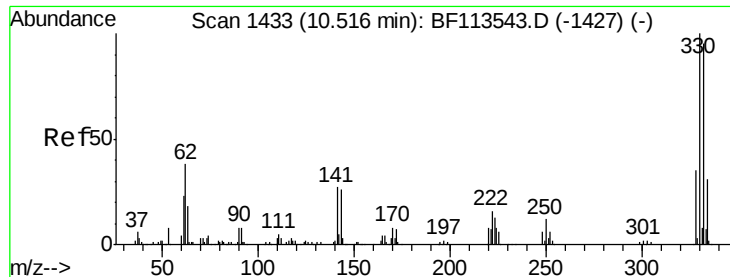


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

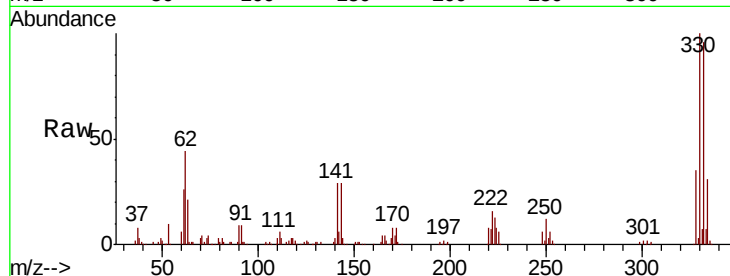




#42
 2,4,6-Tribromophenol
 Concen: 111.691 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.6
141	27.4	22.7	34.1

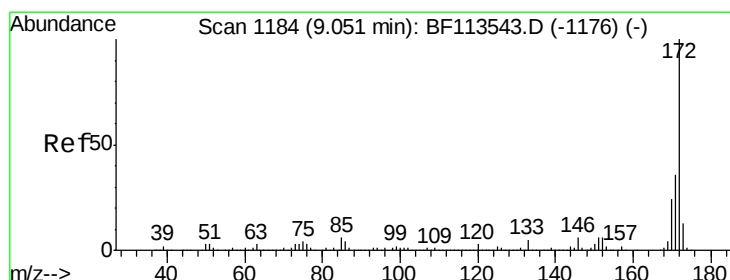
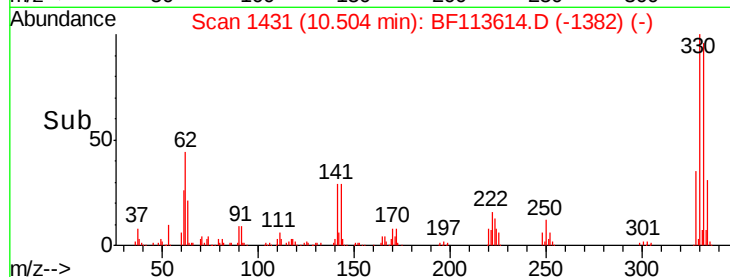
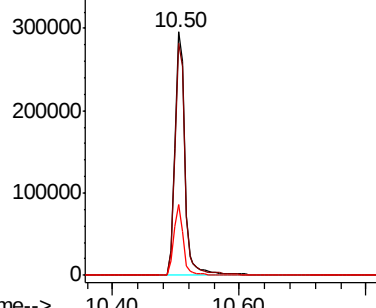


Abundance

Ion 329.80 (329.50 to 330.50): E

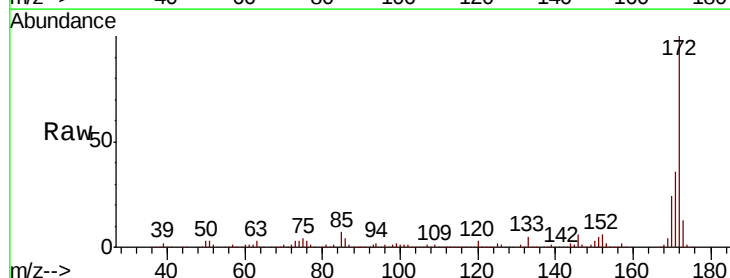
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.123 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.1	19.5	29.3

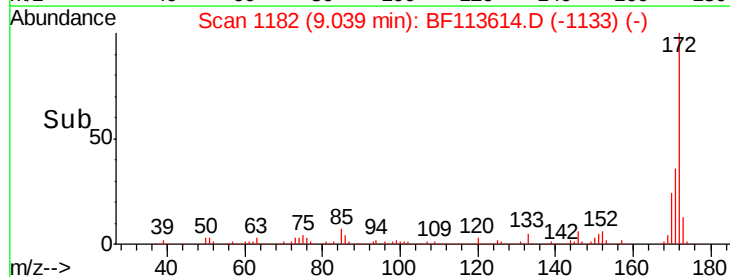
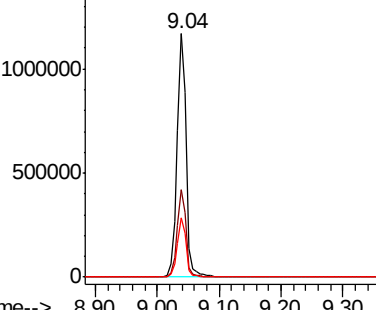


Abundance

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: 3.466 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.26 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

Instrument :

BNA_F

ClientSampleId :

PB118551BL

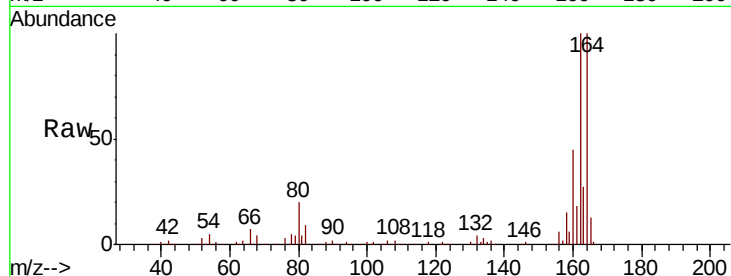
Tot Ion:163 Resp: 61424

Ion Ratio Lower Upper

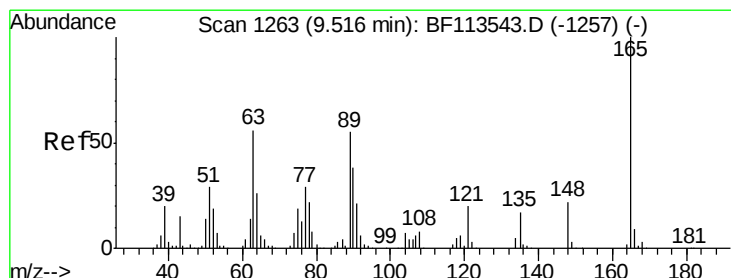
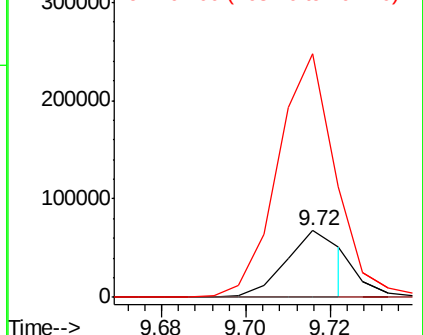
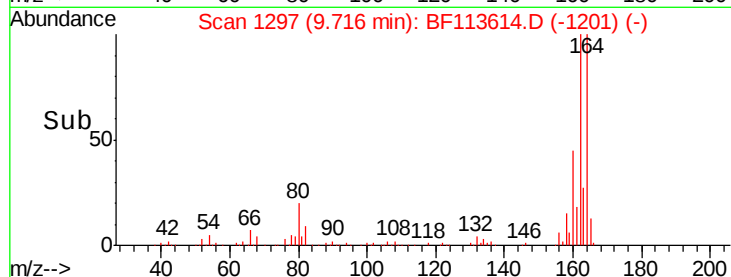
163 100

194 0.0 3.0 4.6#

164 364.6 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.738 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

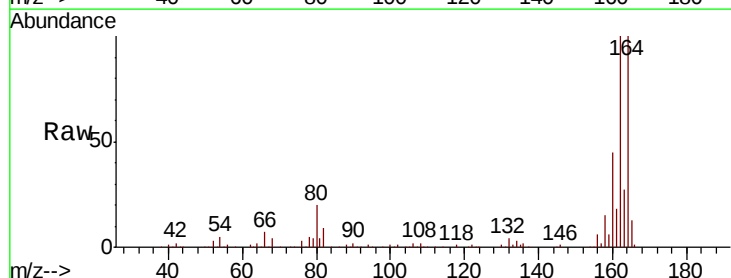
Tgt Ion:165 Resp: 30228

Ion Ratio Lower Upper

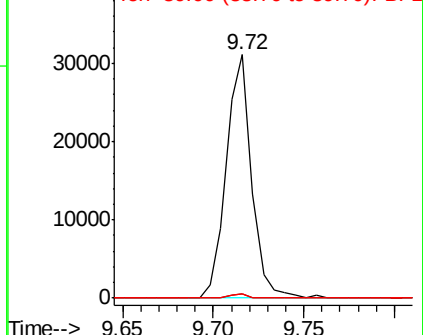
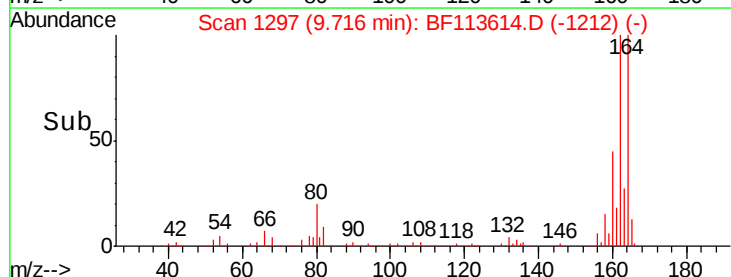
165 100

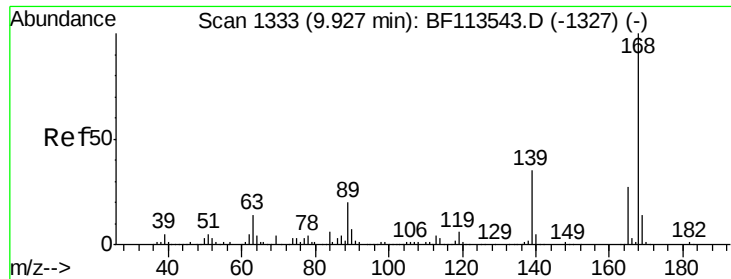
63 1.7 43.4 65.0#

89 1.6 43.1 64.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

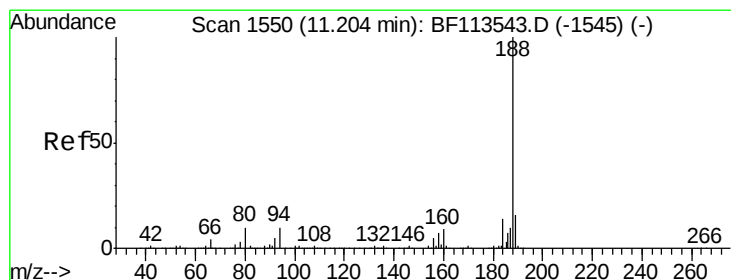
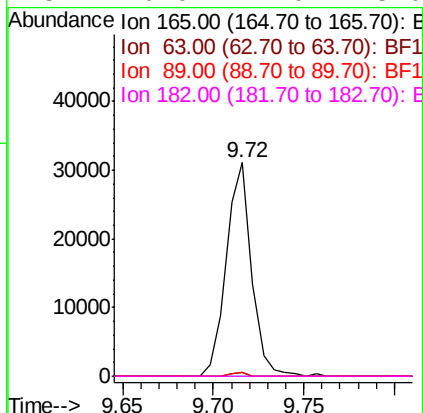
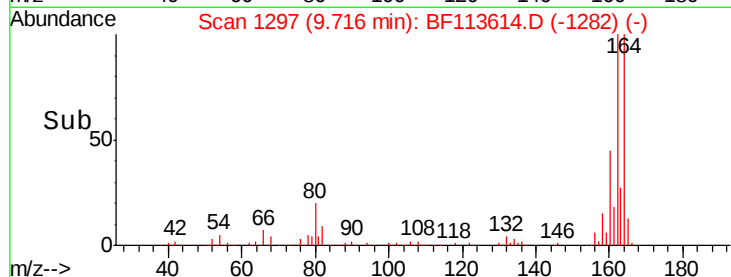
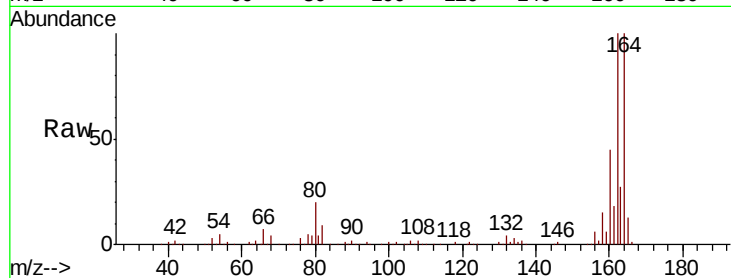




#57
 2,4-Dinitrotoluene
 Concen: 6.398 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

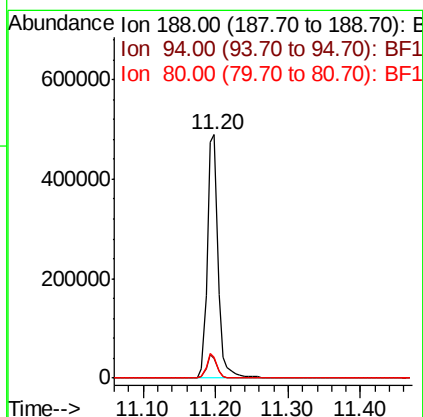
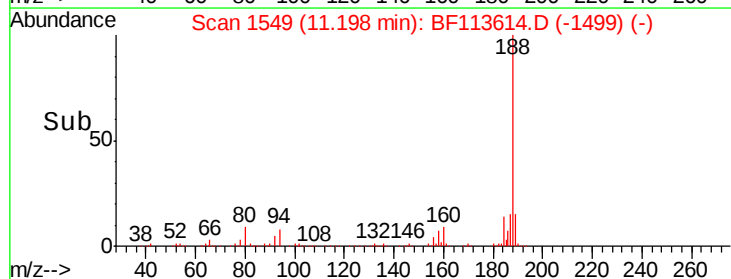
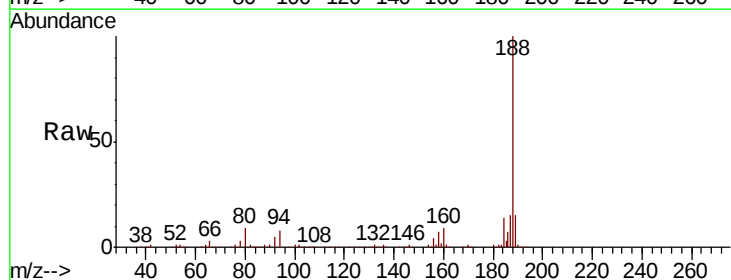
Instrument :
 BNA_F
 ClientSampleId :
 PB118551BL

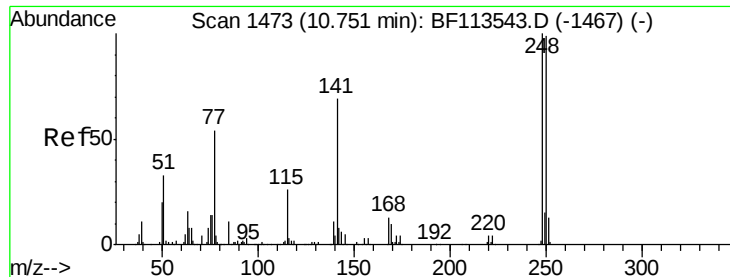
Tot Ion:165 Resp: 30228
 Ion Ratio Lower Upper
 165 100
 63 1.7 37.5 56.3#
 89 1.6 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Tgt Ion:188 Resp: 506283
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.0 10.6
 80 8.7 7.7 11.5

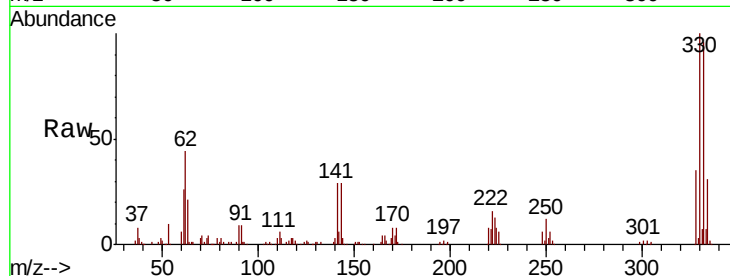




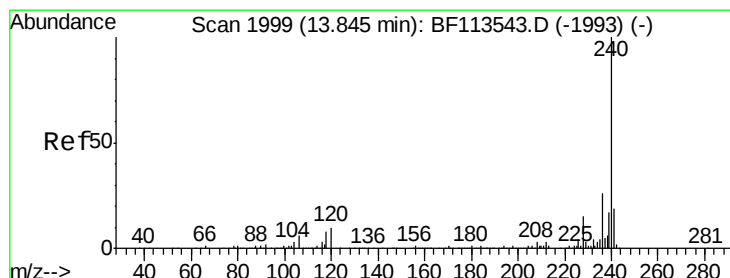
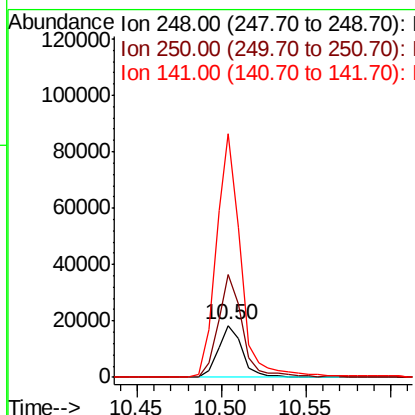
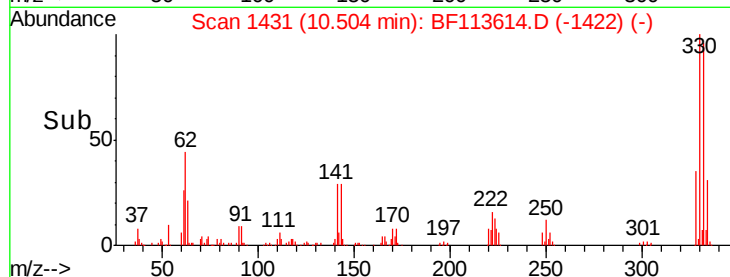
#67
 4-Bromophenyl-phenylether
 Concen: 3.232 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BL

Tot Ion:248 Resp: 18354
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.3 117.5#
 141 470.7 56.2 84.4#

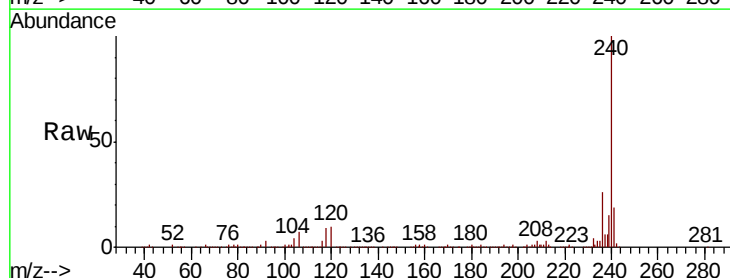


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

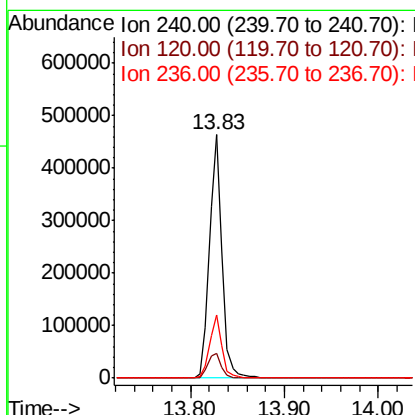
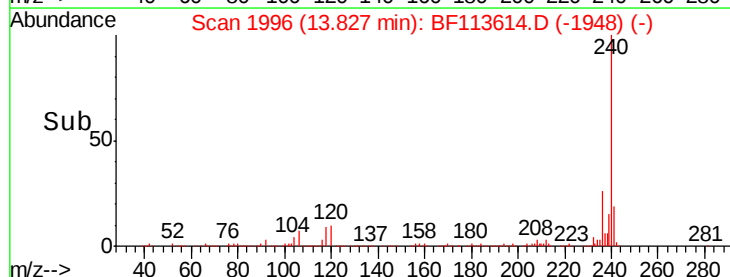


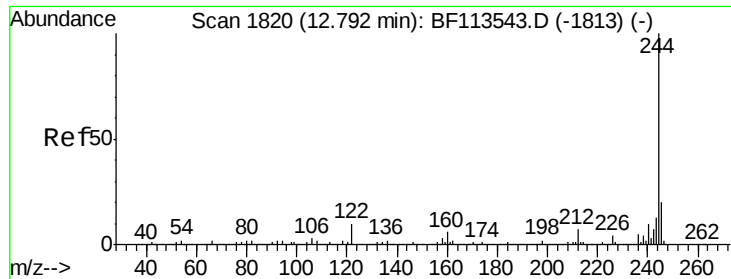
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Tgt Ion:240 Resp: 437537
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.8 13.2
 236 25.7 20.9 31.3



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: 64.230 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

Instrument :

BNA_F

ClientSampleId :

PB118551BL

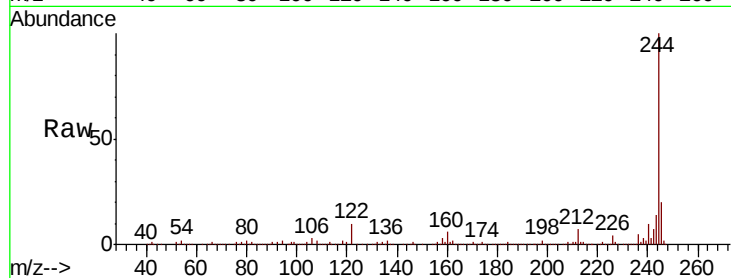
Tot Ion:244 Resp: 1380287

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

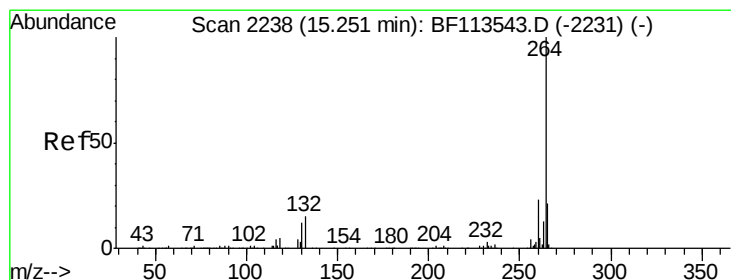
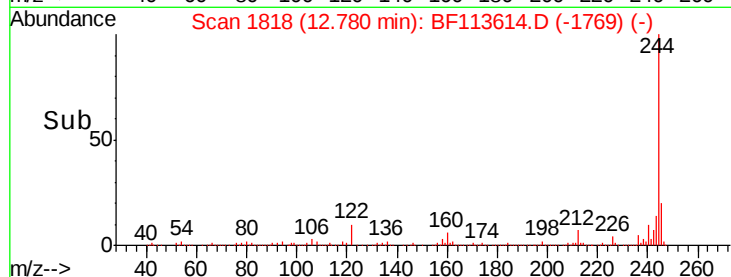
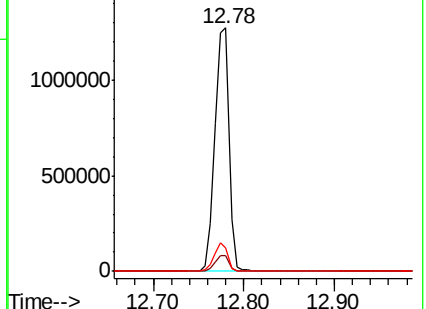
122 9.7 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

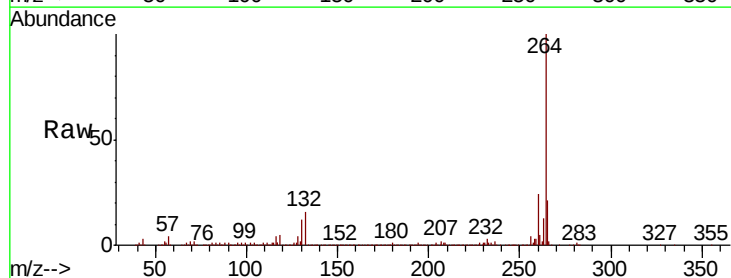
Tgt Ion:264 Resp: 357942

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.4 17.1 25.7



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

