

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113534.D
 Acq On : 3 Apr 2019 6:17
 Operator : JU/SJ
 Sample : K2056-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7

Quant Time: Apr 03 08:02:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

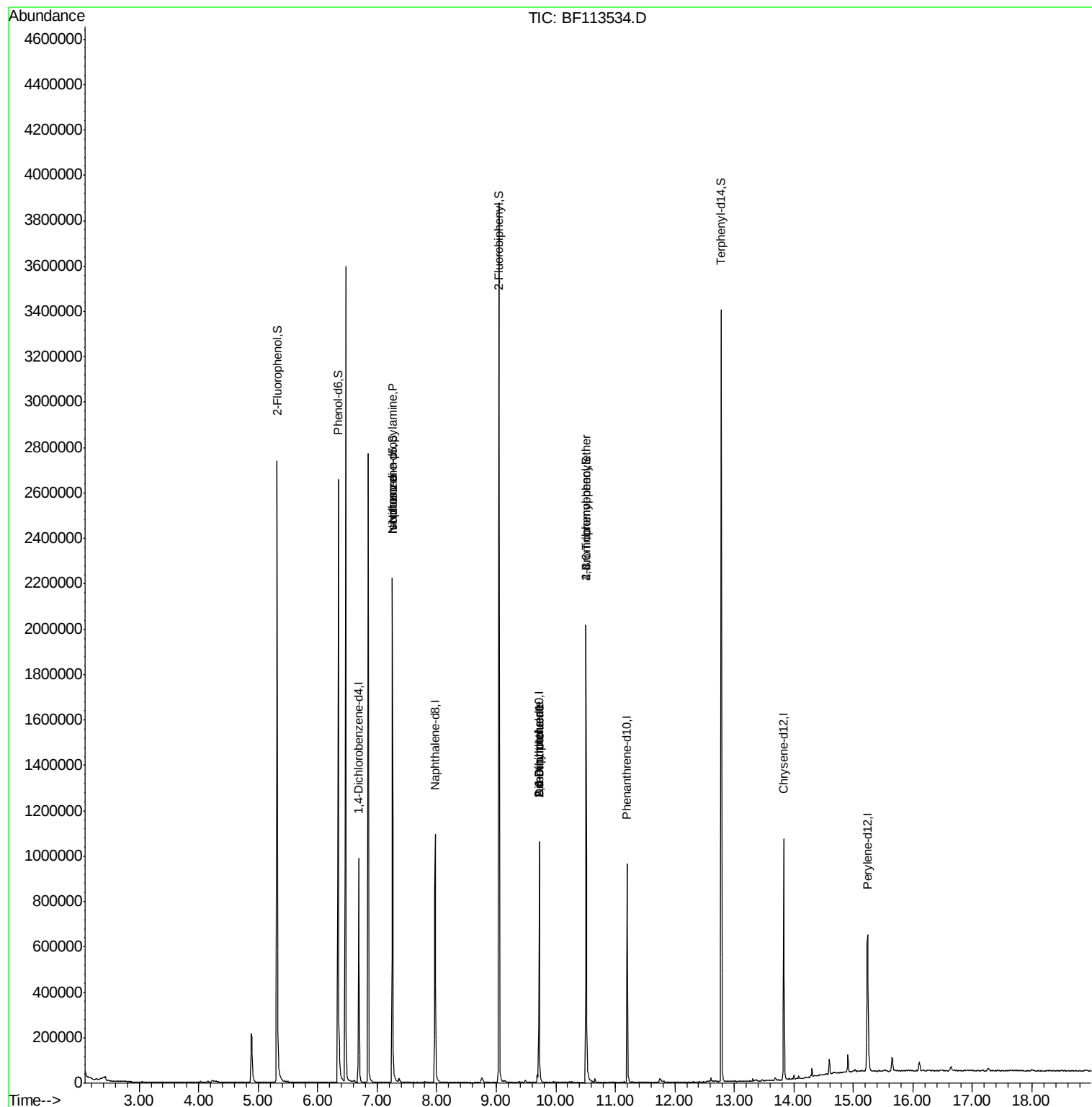
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	144604	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	509328	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	216960	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	372074	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	390241	20.00	ng	-0.01
87) Perylene-d12	15.24	264	293298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	855323	96.72	ng	0.00
7) Phenol-d6	6.35	99	974089	87.07	ng	-0.01
23) Nitrobenzene-d5	7.26	82	713066	83.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	294184	109.77	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1263105	92.89	ng	-0.02
79) Terphenyl-d14	12.78	244	1300208	73.44	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	92784	13.203	ng	# 76
25) Isophorone	7.26	82	710576	42.729	ng	# 64
50) Dimethylphthalate	9.72	163	56687	3.526	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	26902	7.417	ng	# 26
57) 2,4-Dinitrotoluene	9.72	165	26902	5.832	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	16063	3.961	ng	# 1

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

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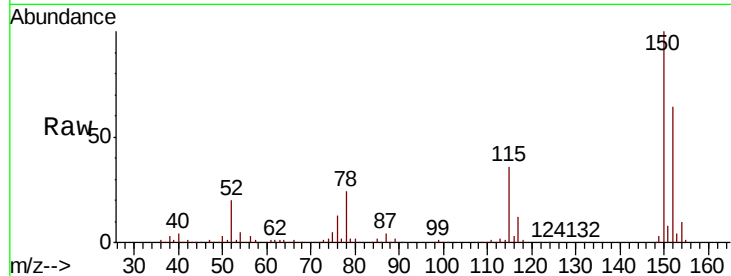


#1

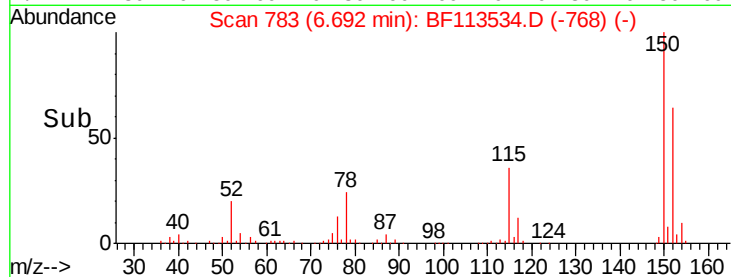
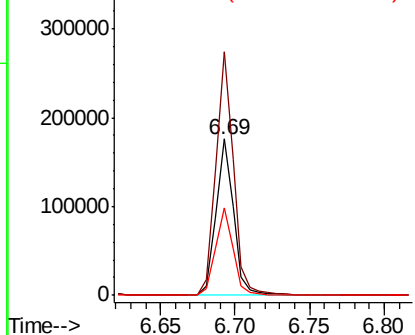
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

Instrument :
BNA_F
ClientSampleId :
CS-7

Tgt Ion:152 Resp: 144604
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 56.0 46.0 69.0



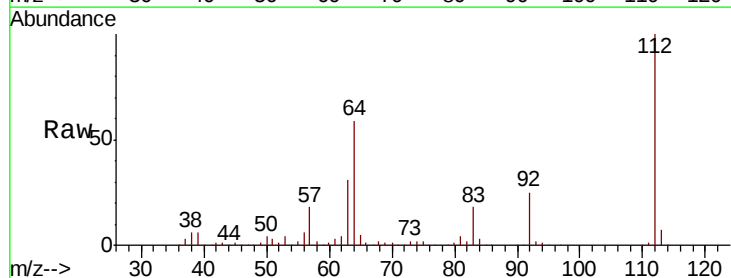
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



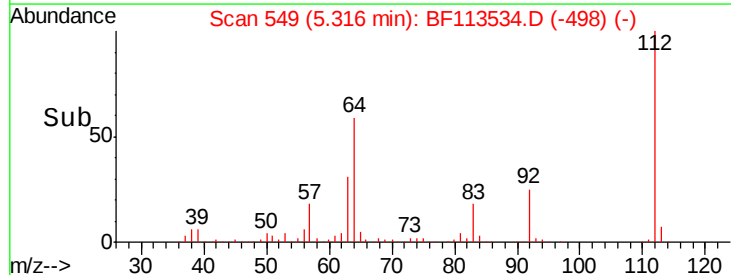
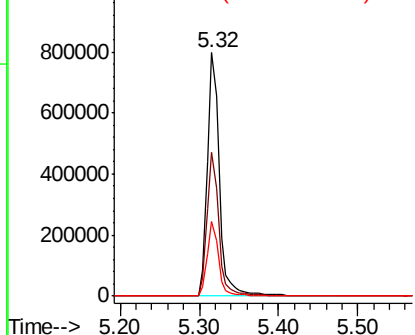
#5

2-Fluorophenol
Concen: 96.716 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

Tgt Ion:112 Resp: 855323
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 30.5 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: 87.068 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

Instrument :

BNA_F

ClientSampleId :

CS-7

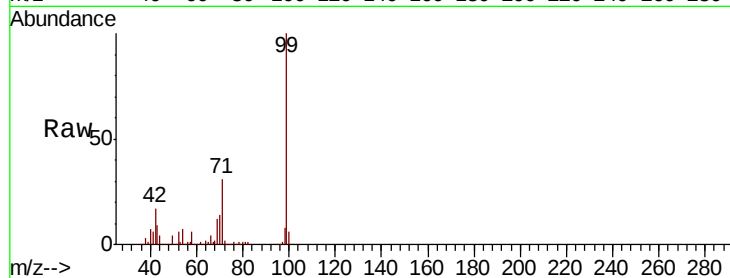
Tgt Ion: 99 Resp: 974089

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

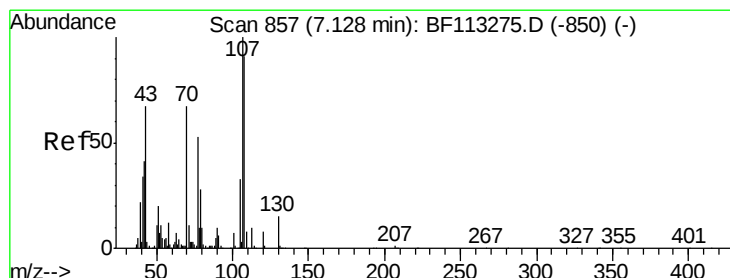
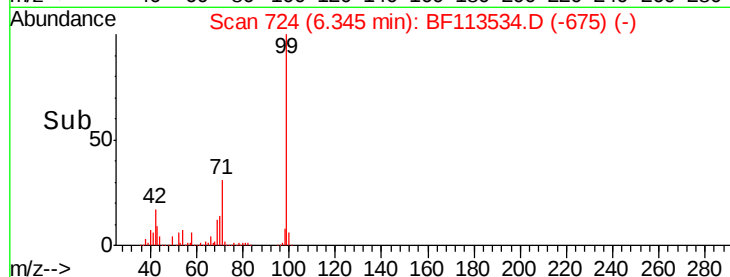
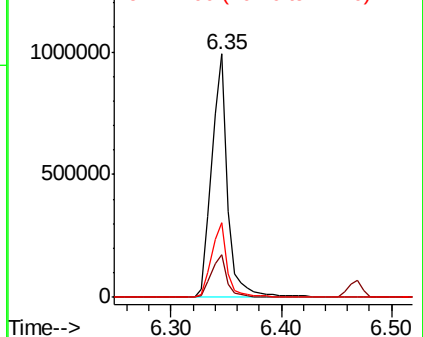
71 30.6 24.9 37.3



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: 13.203 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

Tgt Ion: 70 Resp: 92784

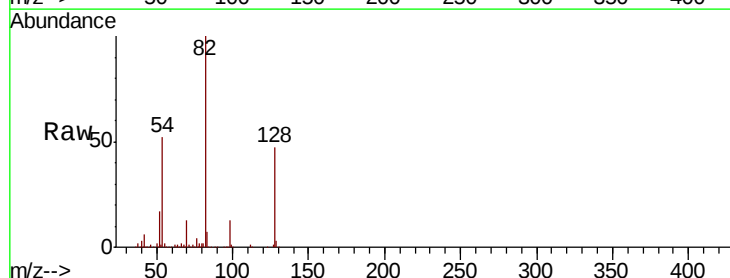
Ion Ratio Lower Upper

70 100

42 47.7 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

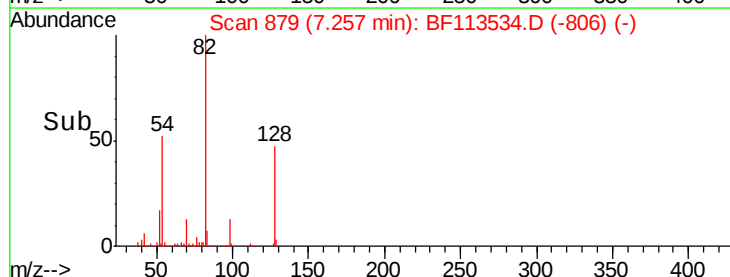
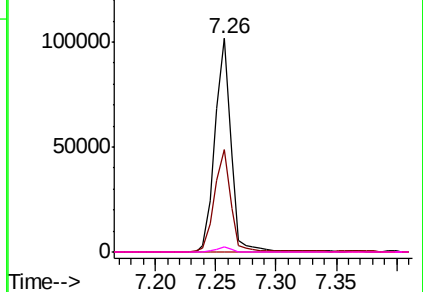


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

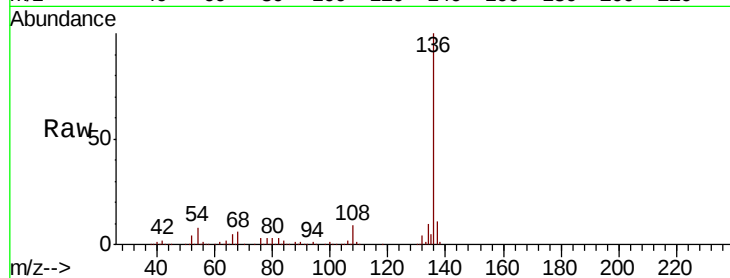




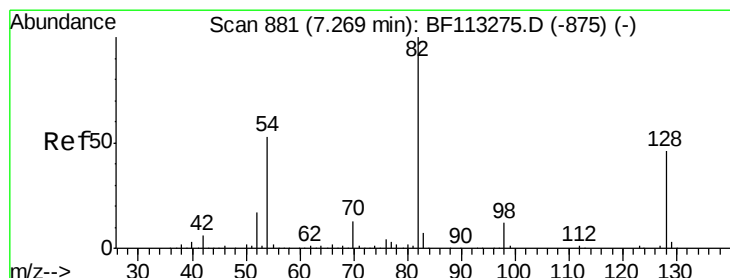
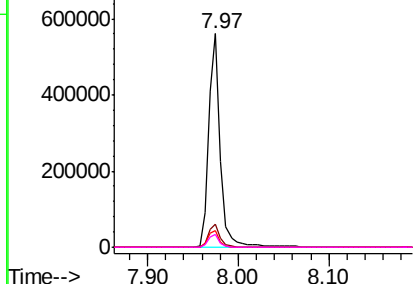
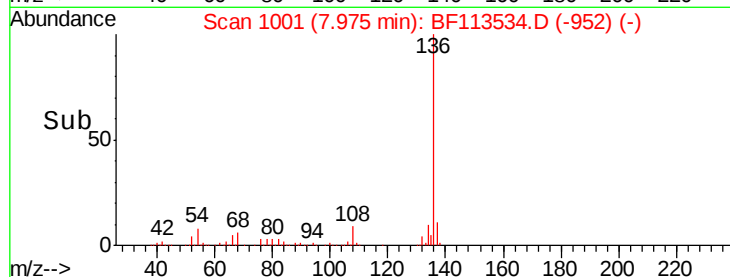
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

Instrument :
BNA_F
ClientSampleId :
CS-7

Tgt Ion:	136	Resp:	509328
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	7.0	10.6
68	6.0	4.8	7.2

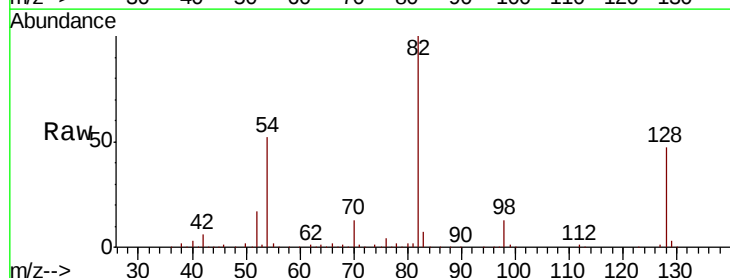


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

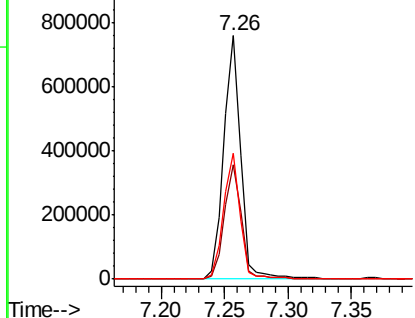
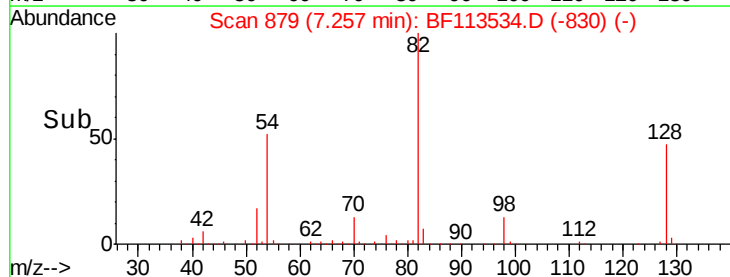


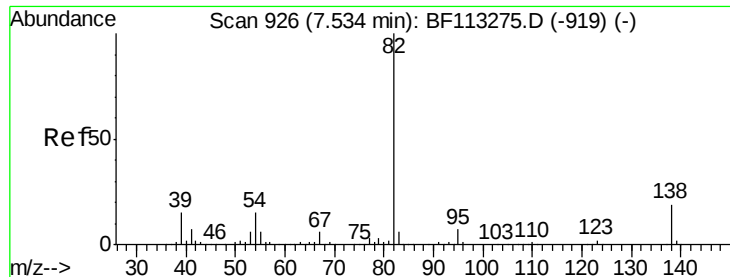
#23
Nitrobenzene-d5
Concen: 83.096 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

Tgt Ion:	82	Resp:	713066
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.5	54.7
54	51.8	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: 42.729 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

Instrument :

BNA_F

ClientSampled :

CS-7

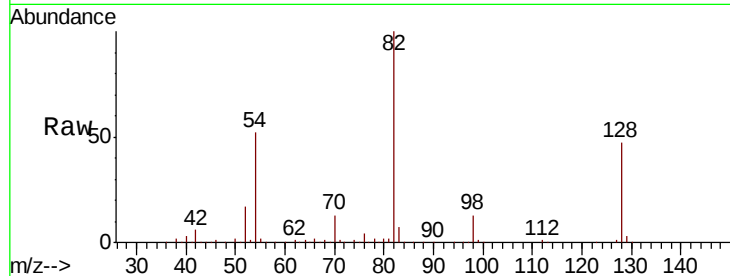
Tgt Ion: 82 Resp: 710576

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

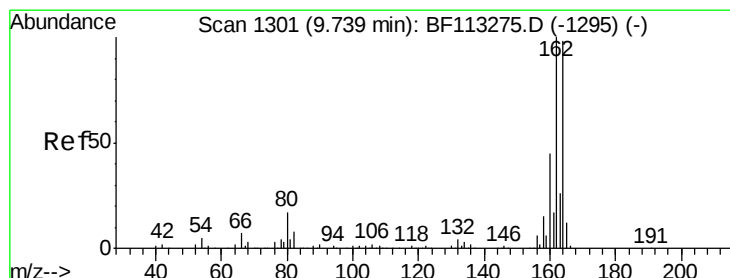
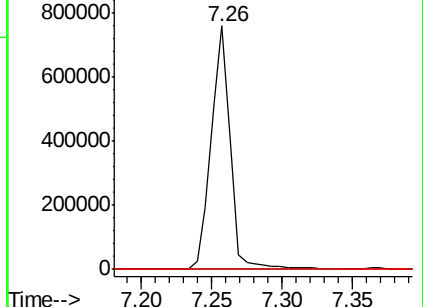
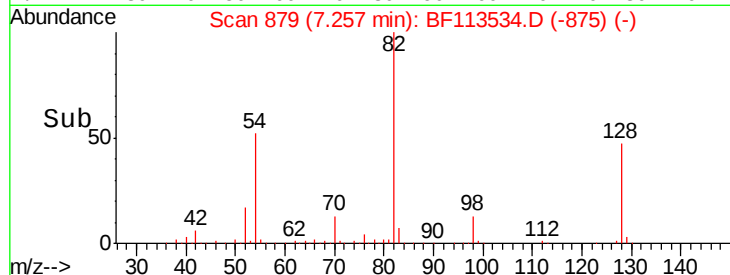
138 0.0 15.2 22.8#



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# 1298

Delta R.T. -0.02 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

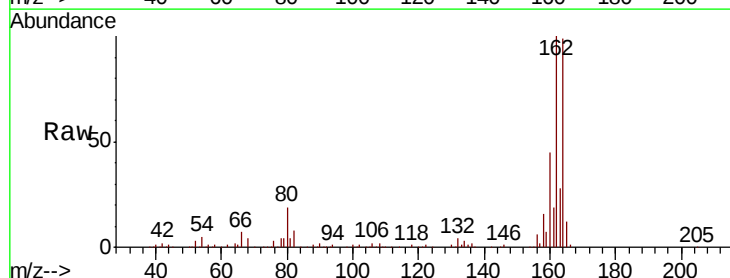
Tgt Ion: 164 Resp: 216960

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

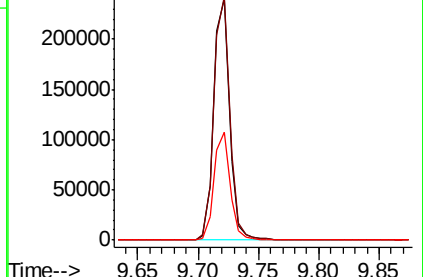
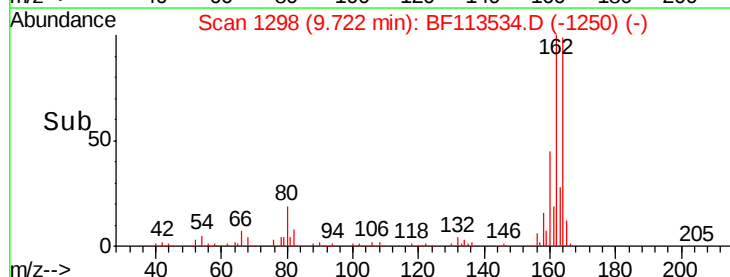
160 45.0 36.4 54.6

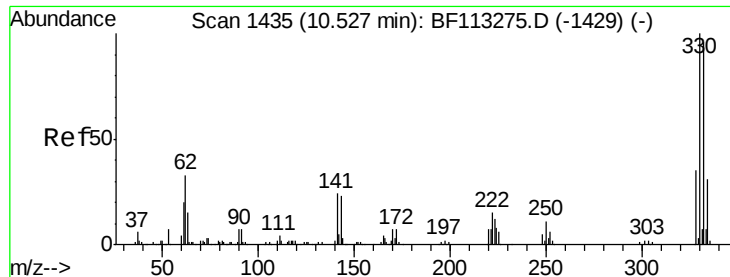


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

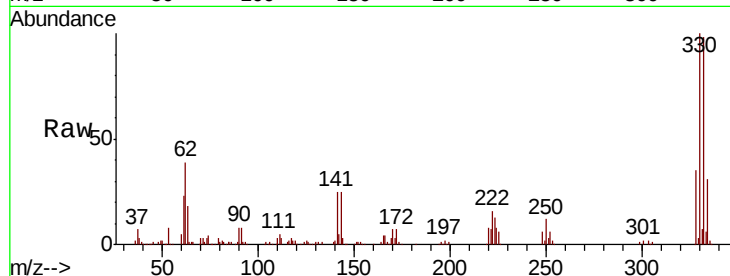




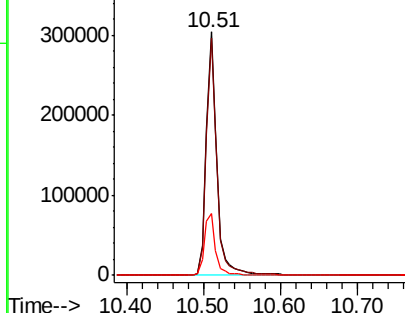
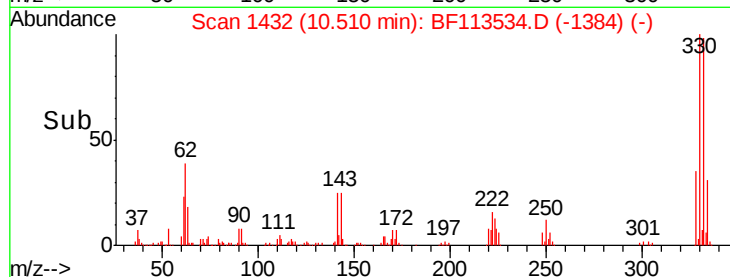
#42
 2,4,6-Tribromophenol
 Concen: 109.772 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Instrument :
 BNA_F
 ClientSampleId :
 CS-7

Tgt Ion:330 Resp: 294184
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 26.9 22.7 34.1

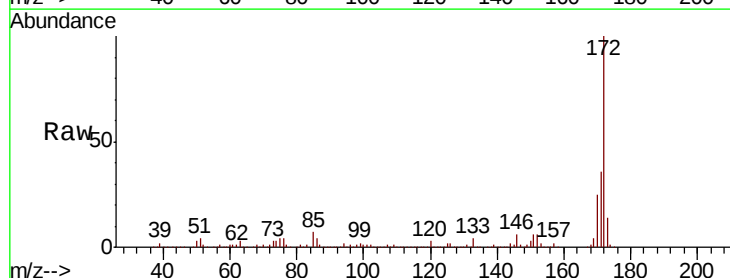


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

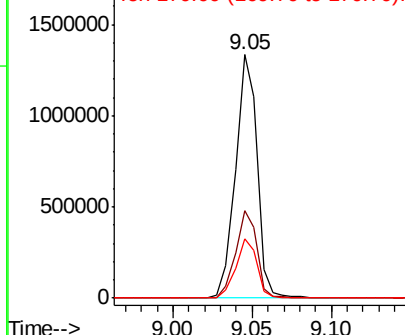
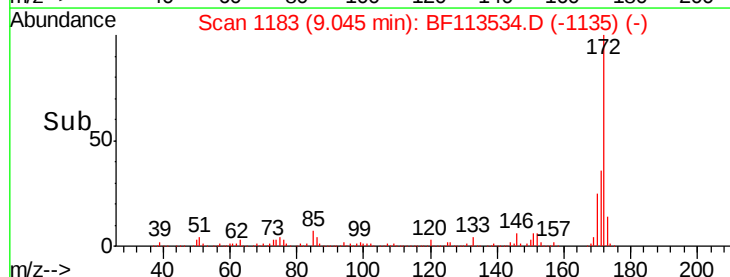


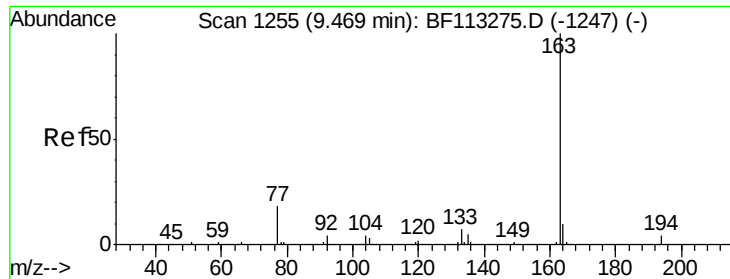
#45
 2-Fluorobiphenyl
 Concen: 92.885 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Tgt Ion:172 Resp: 1263105
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 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

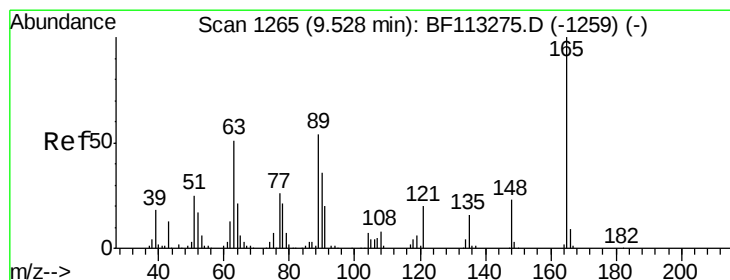
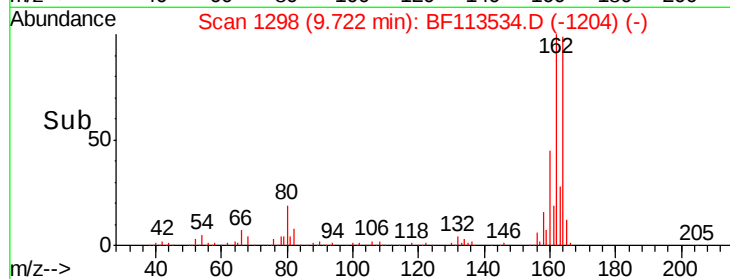
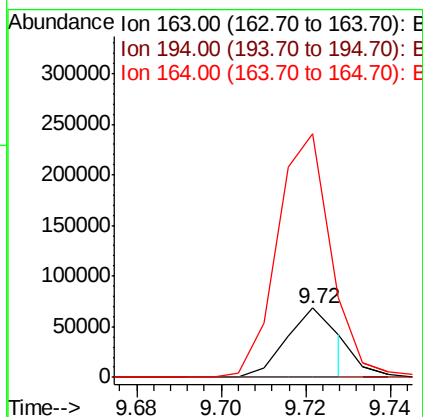
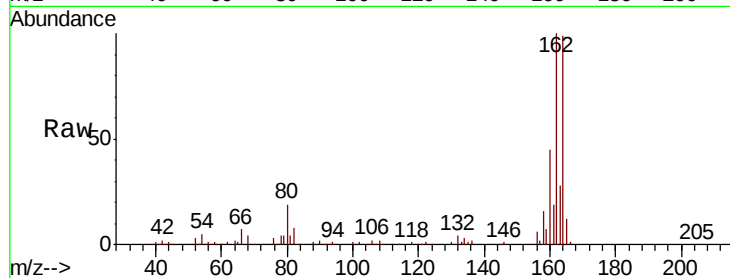




#50
Dimethylphthalate
Concen: 3.526 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.25 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

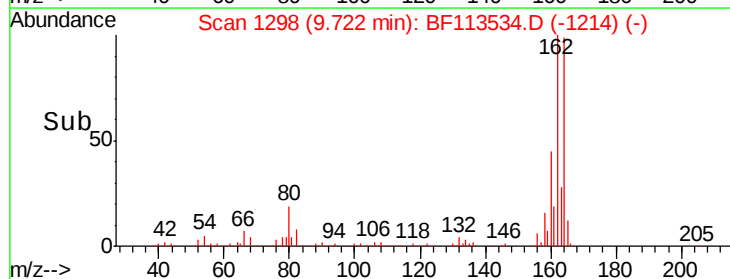
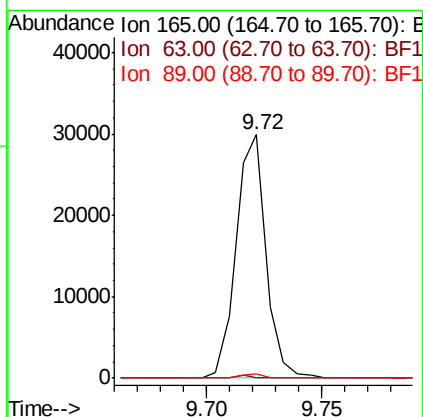
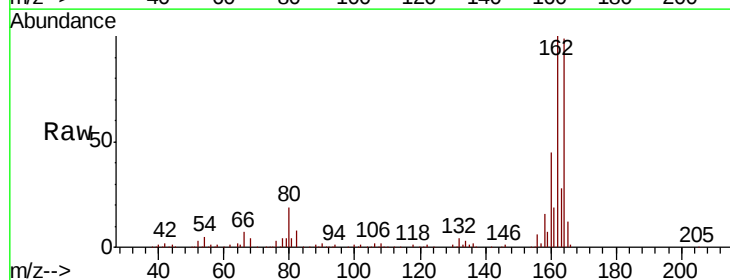
Instrument :
BNA_F
ClientSampleId :
CS-7

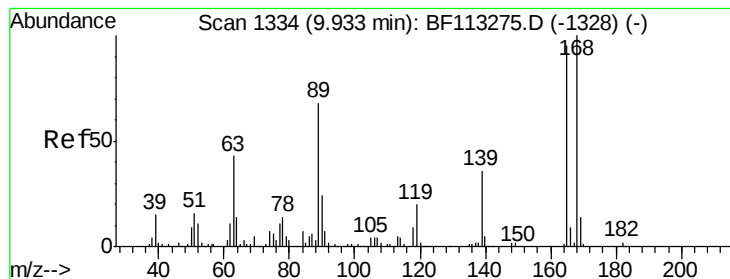
Tgt Ion:163 Resp: 56687
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 352.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.417 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.19 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

Tgt Ion:165 Resp: 26902
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.7 43.1 64.7#





#57

2,4-Dinitrotoluene

Concen: 5.832 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

Instrument :

BNA_F

ClientSampleId :

CS-7

Tgt Ion:165 Resp: 26902

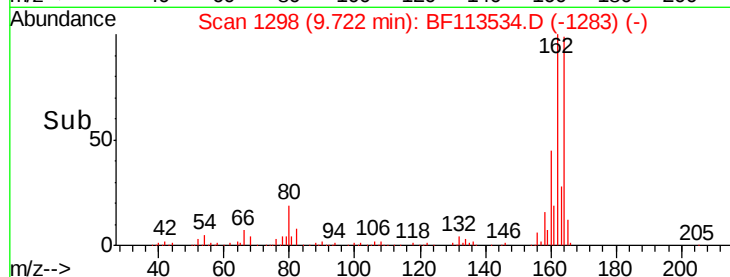
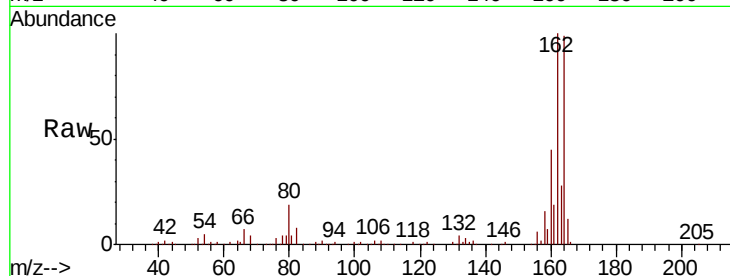
Ion Ratio Lower Upper

165 100

63 0.0 37.5 56.3#

89 1.7 57.4 86.2#

182 0.0 2.0 3.0#

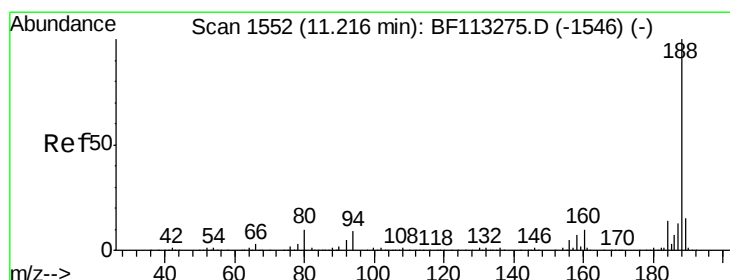
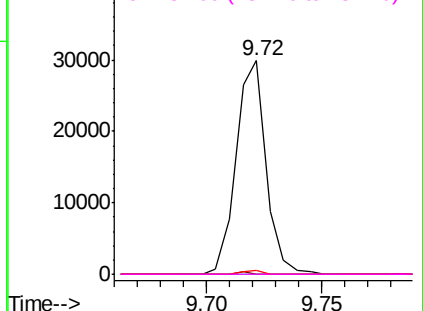


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

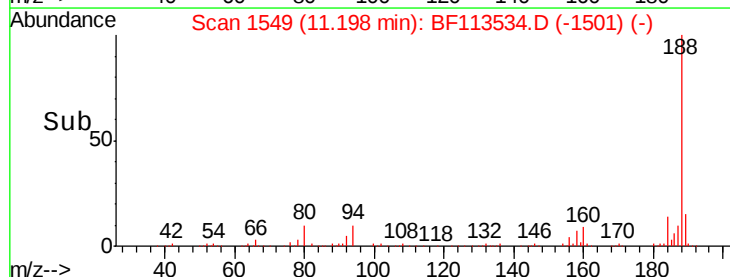
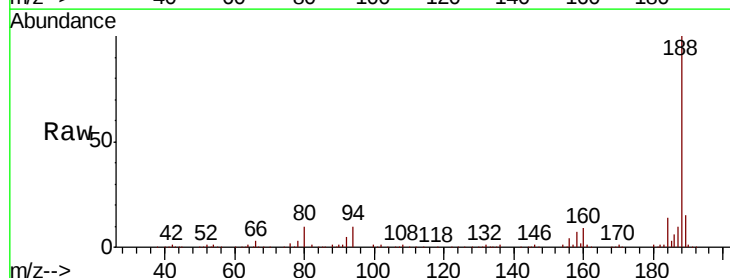
Tgt Ion:188 Resp: 372074

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

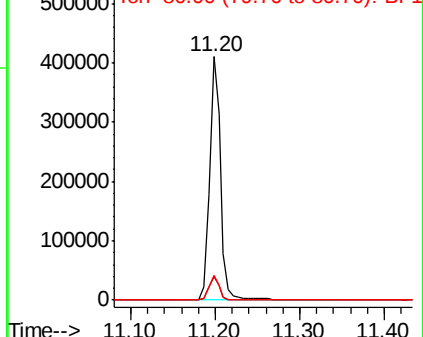
80 10.2 7.7 11.5

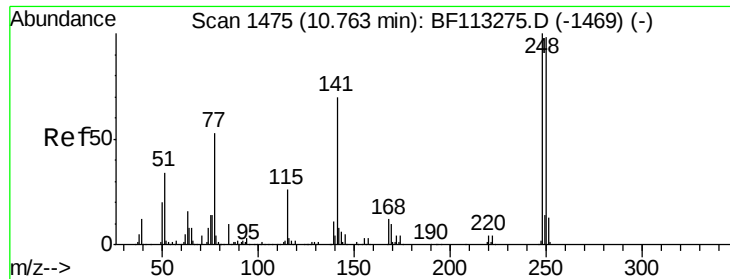


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

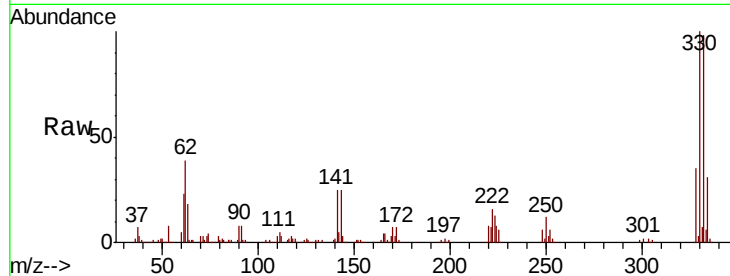




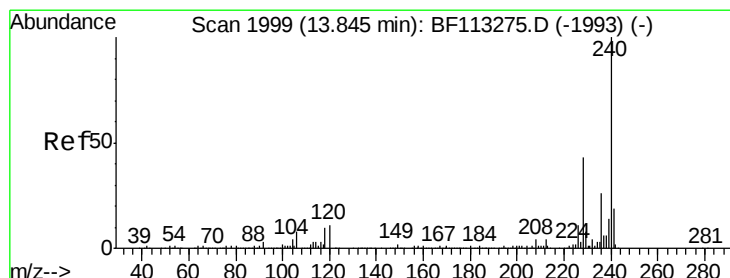
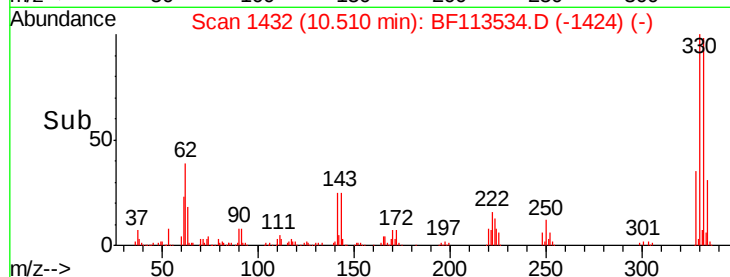
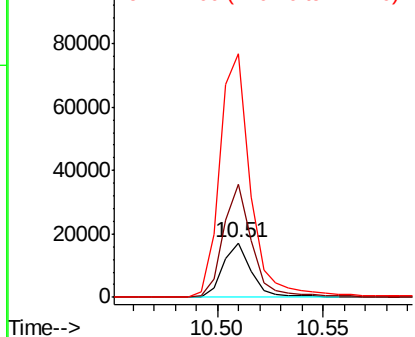
#67
4-Bromophenyl-phenylether
Concen: 3.961 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

Instrument :
BNA_F
ClientSampled :
CS-7

Tgt Ion:248 Resp: 16063
Ion Ratio Lower Upper
248 100
250 207.0 78.3 117.5#
141 446.6 56.2 84.4#

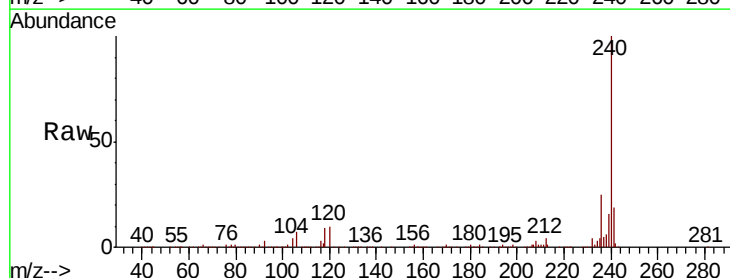


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

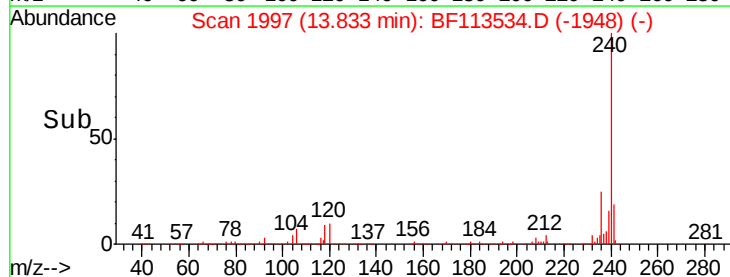
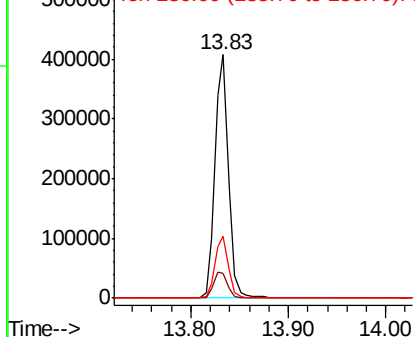


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

Tgt Ion:240 Resp: 390241
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.4 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: 73.439 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

Instrument :

BNA_F

ClientSampleId :

CS-7

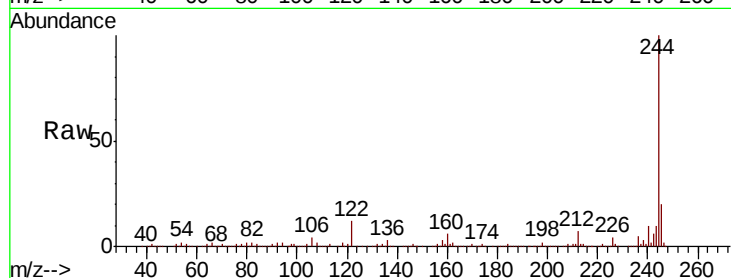
Tgt Ion:244 Resp: 1300208

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

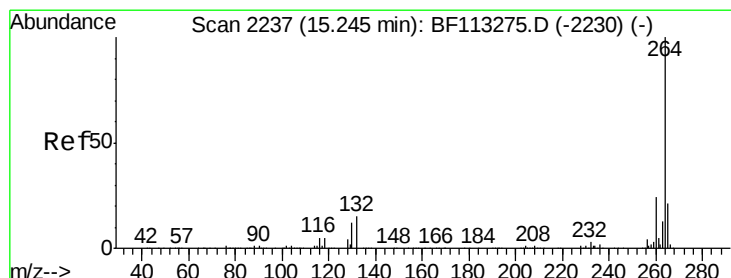
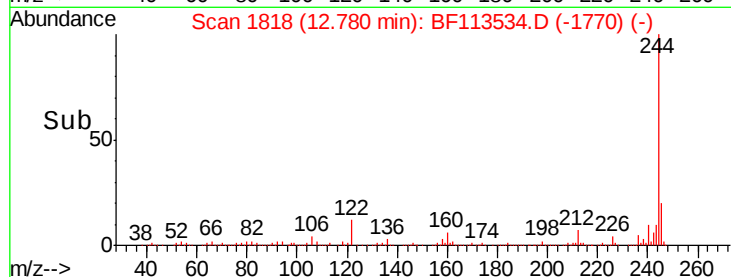
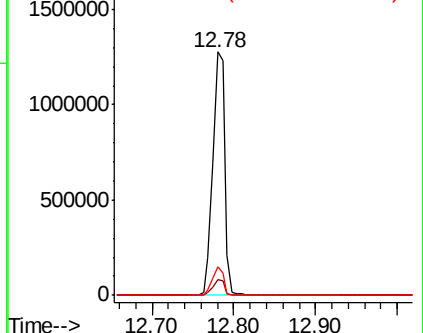
122 11.7 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

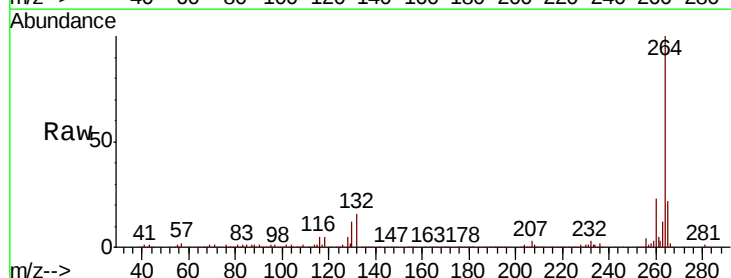
Tgt Ion:264 Resp: 293298

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.9 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

