

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113445.D
 Acq On : 30 Mar 2019 7:20
 Operator : JU/SJ
 Sample : K2139-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

Quant Time: Apr 01 04:11:38 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

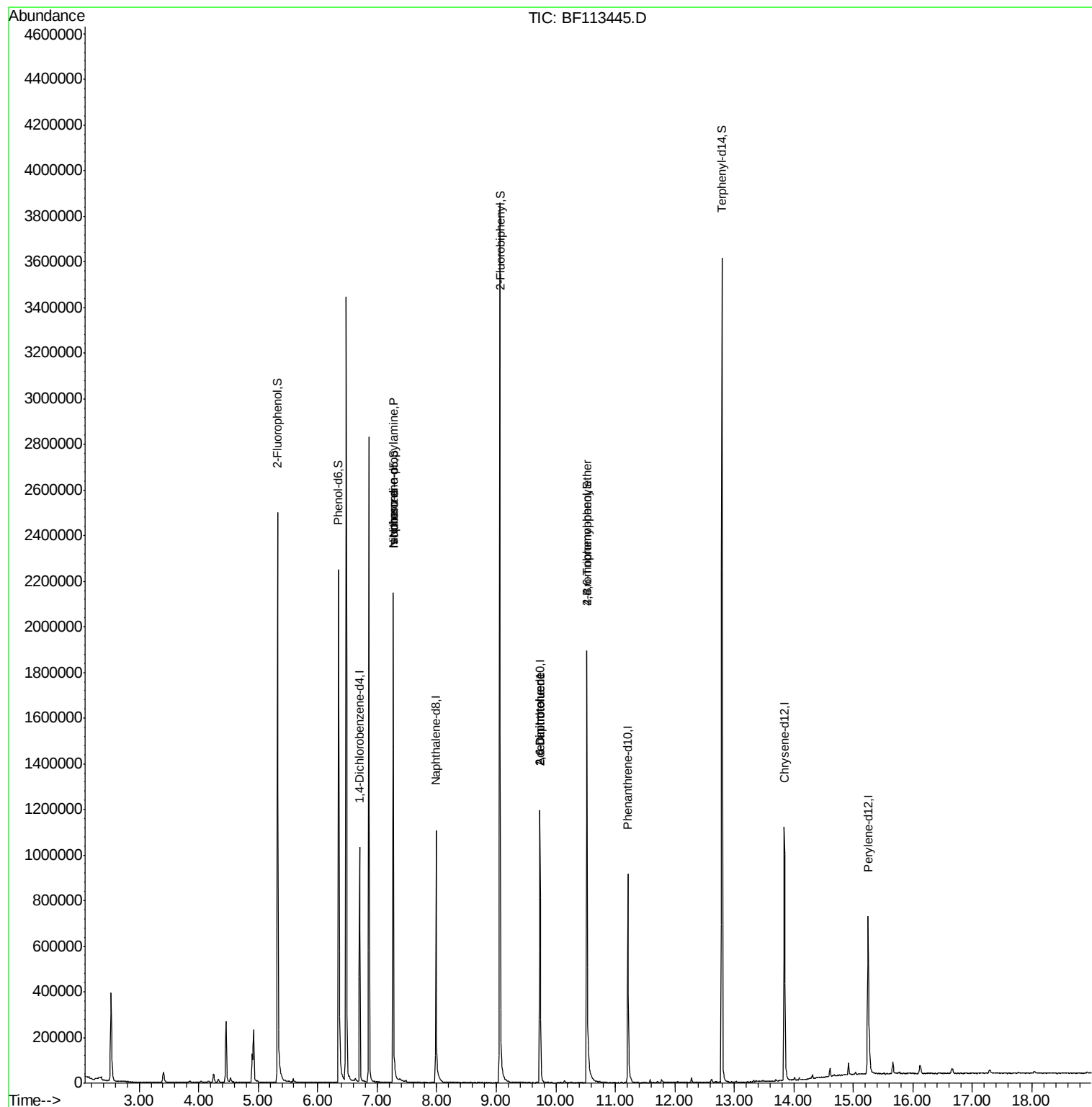
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	152609	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	564279	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	252889	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	457535	20.00	ng	0.00
76) Chrysene-d12	13.84	240	480923	20.00	ng	0.00
87) Perylene-d12	15.24	264	391562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	832402	89.19	ng	0.01
7) Phenol-d6	6.35	99	924320	78.29	ng	0.00
23) Nitrobenzene-d5	7.27	82	726298	76.40	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	329268	105.41	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1353288	83.58	ng	0.00
79) Terphenyl-d14	12.79	244	1399844	64.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	94650	12.762	ng	# 76
25) Isophorone	7.27	82	723388	39.263	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	32574	7.704	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	32574	6.058	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	17758	3.561	ng	# 1

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

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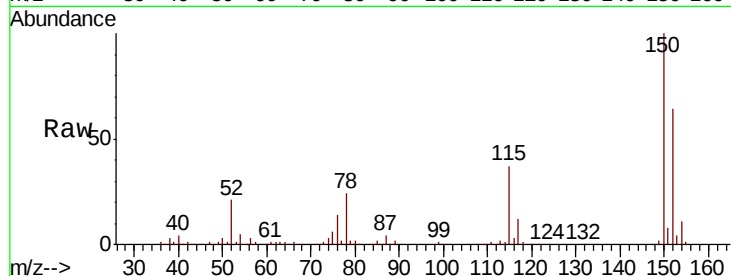


#1

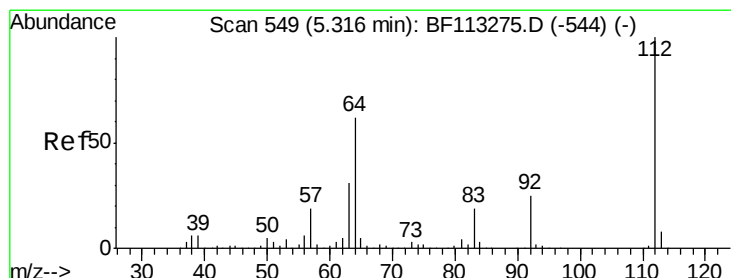
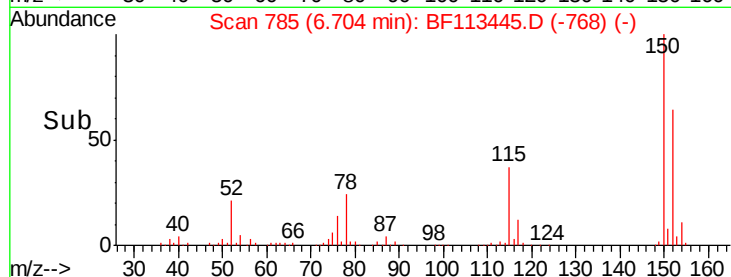
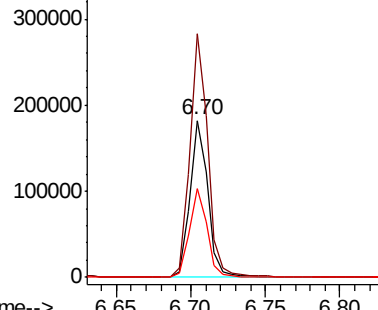
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113445.D
Acq: 30 Mar 2019 7:20

Instrument :
BNA_F
ClientSampleId :
S7B(2-10)COMP

Tgt Ion:152 Resp: 152609
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 56.8 46.0 69.0



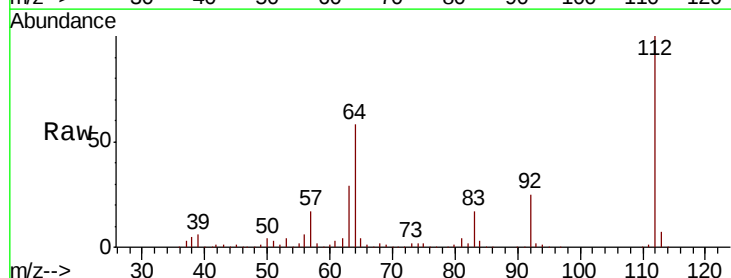
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



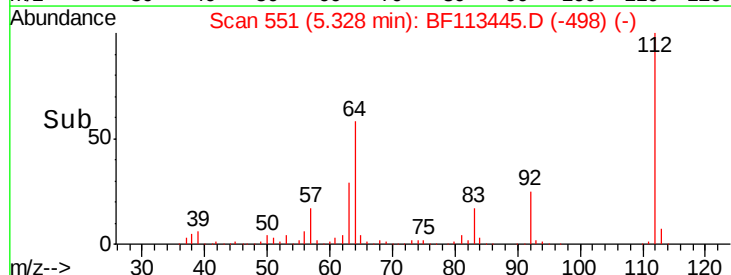
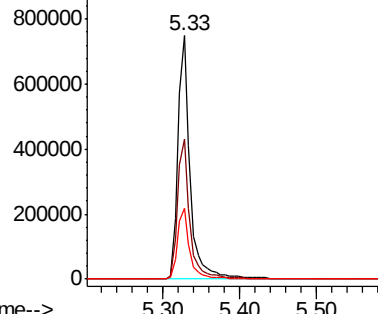
#5

2-Fluorophenol
Concen: 89.187 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113445.D
Acq: 30 Mar 2019 7:20

Tgt Ion:112 Resp: 832402
Ion Ratio Lower Upper
112 100
64 57.6 49.2 73.8
63 29.2 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: 78.286 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Instrument :

BNA_F

ClientSampleId :

S7B(2-10)COMP

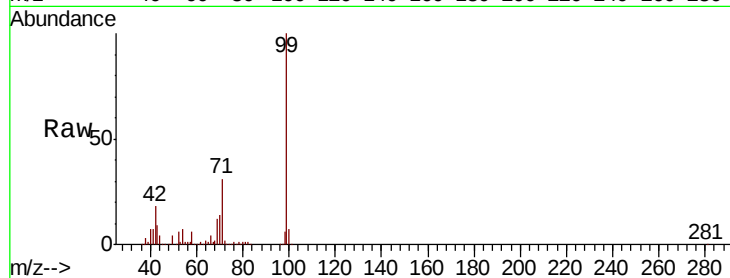
Tgt Ion: 99 Resp: 924320

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

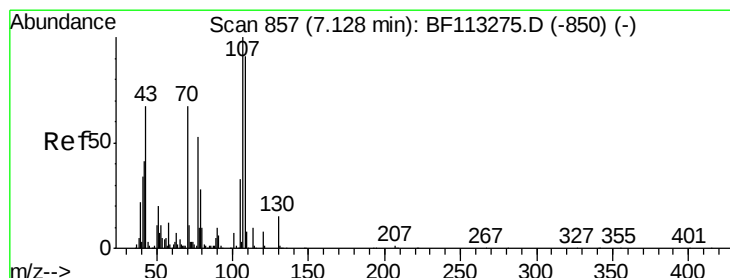
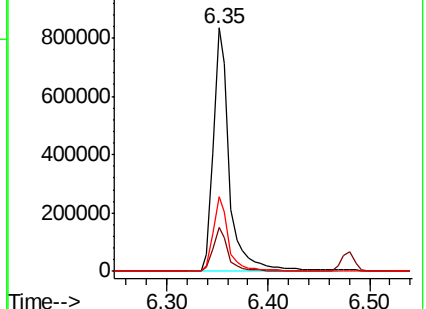
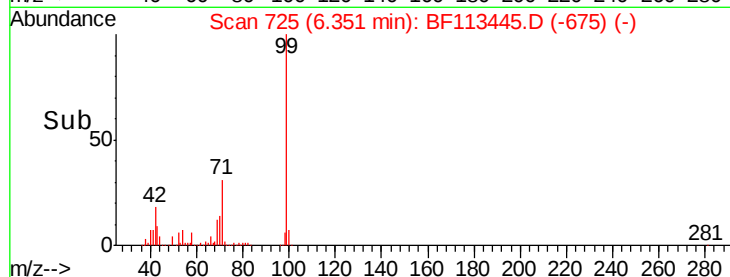
71 30.9 24.9 37.3



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: 12.762 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Tgt Ion: 70 Resp: 94650

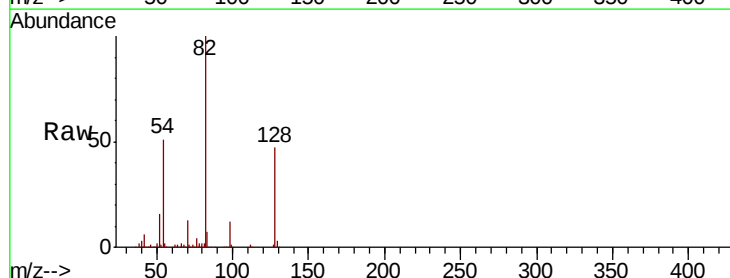
Ion Ratio Lower Upper

70 100

42 47.7 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

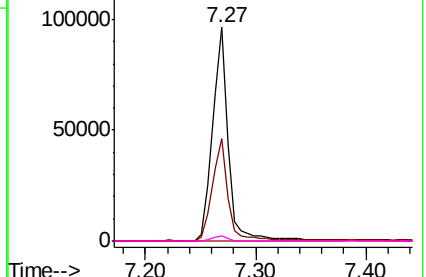
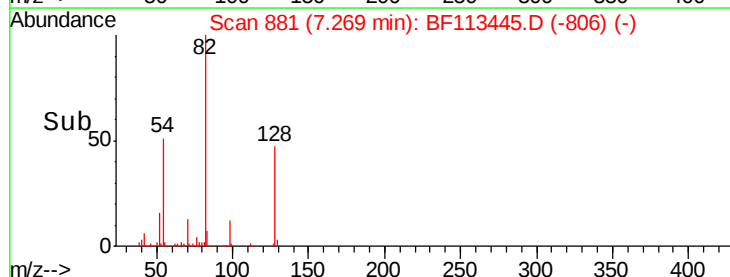


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Instrument :

BNA_F

ClientSampleId :

S7B(2-10)COMP

Tgt Ion: 136 Resp: 564279

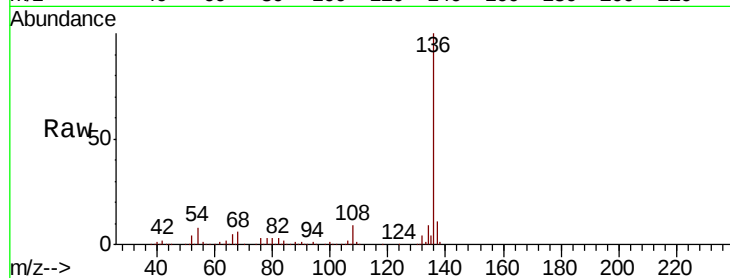
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 7.0 10.6

68 6.1 4.8 7.2

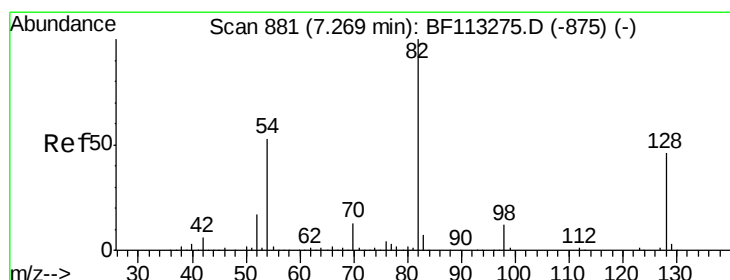
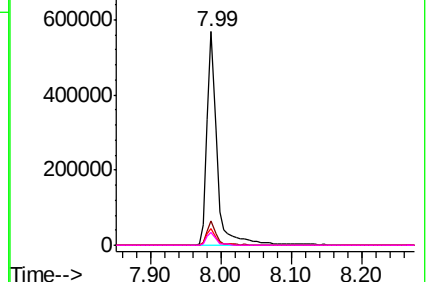
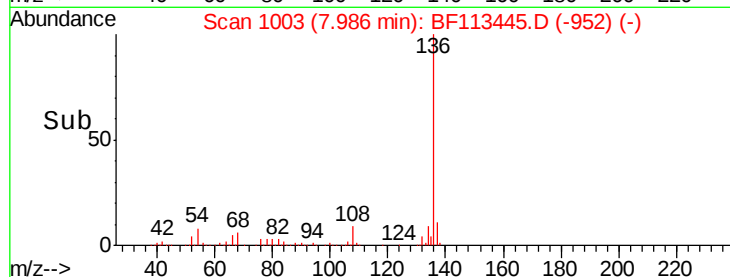


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.396 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

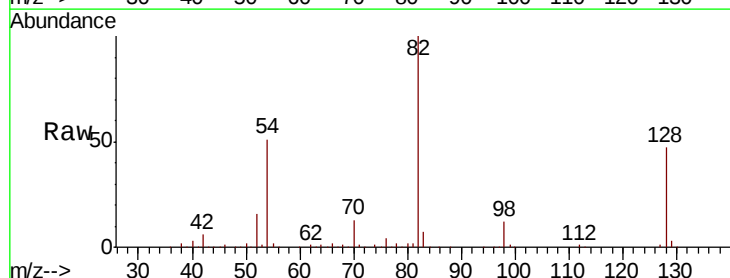
Tgt Ion: 82 Resp: 726298

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

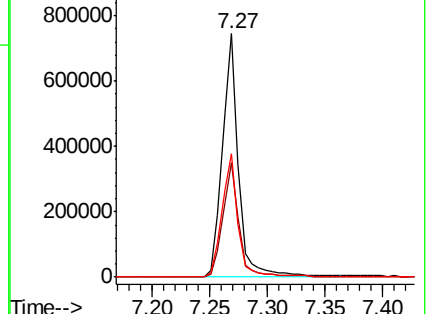
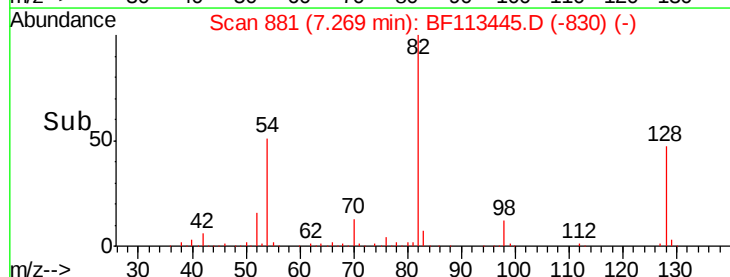
54 50.7 42.2 63.2

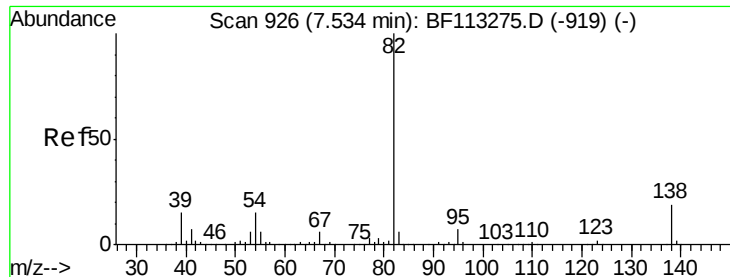


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.263 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Instrument :

BNA_F

ClientSampleId :

S7B(2-10)COMP

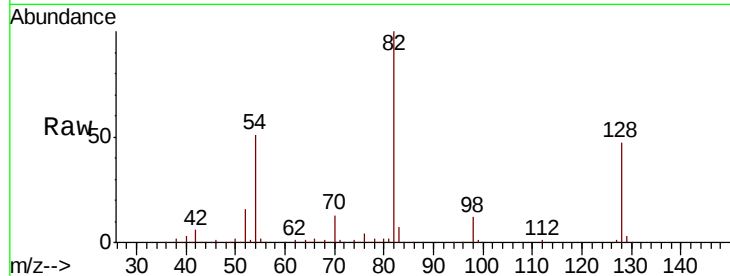
Tgt Ion: 82 Resp: 723388

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

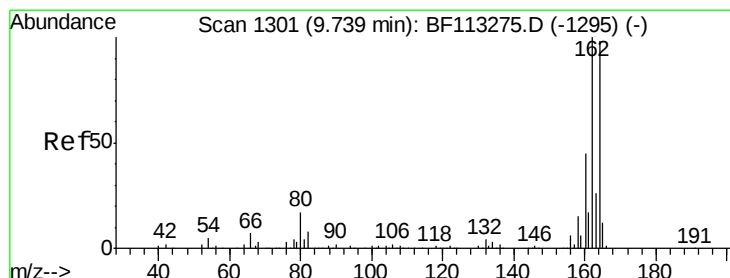
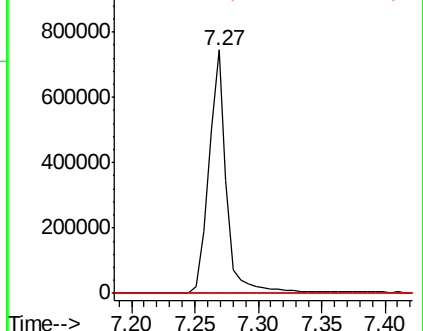
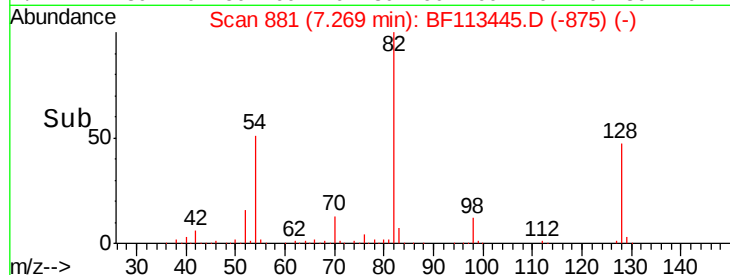
138 0.0 15.2 22.8#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

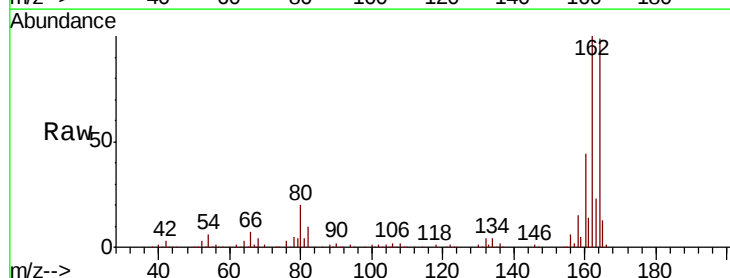
Tgt Ion: 164 Resp: 252889

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

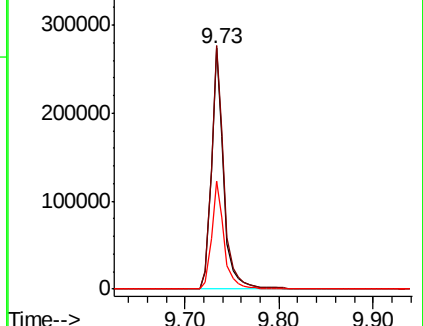
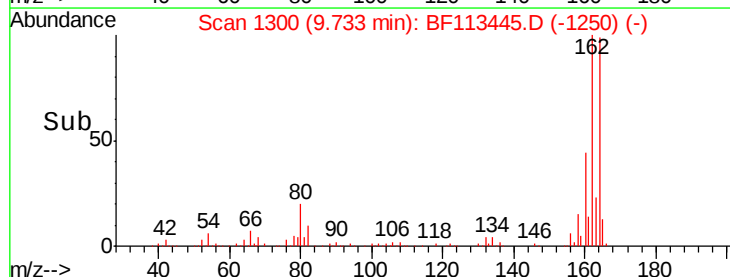
160 45.0 36.4 54.6

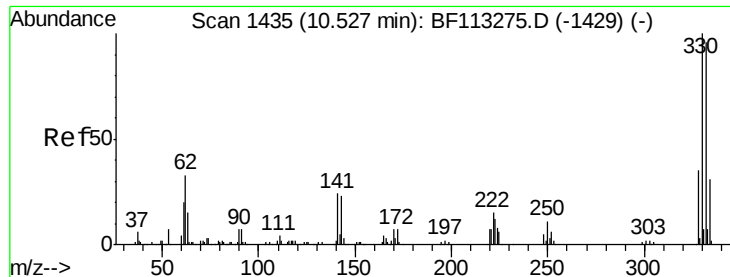


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

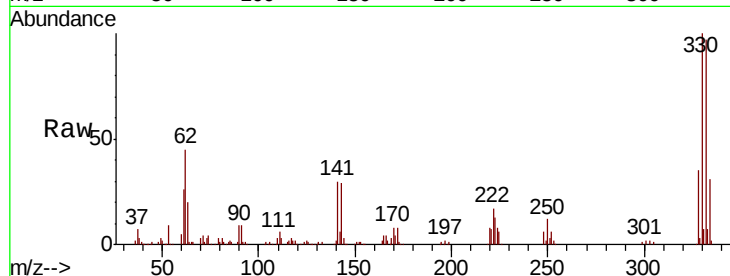




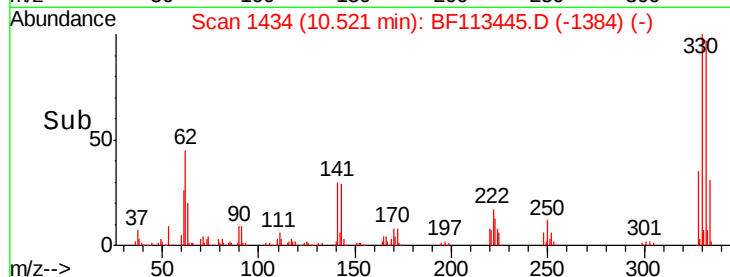
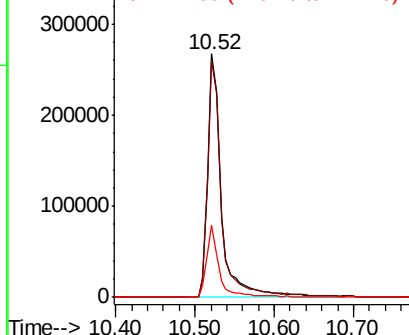
#42
 2,4,6-Tribromophenol
 Concen: 105.408 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

Tgt Ion:330 Resp: 329268
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.8 116.6
 141 27.5 22.7 34.1

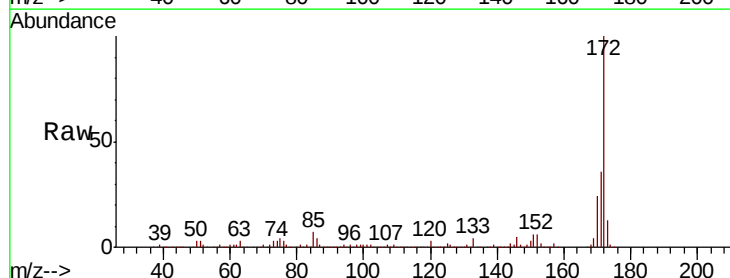


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

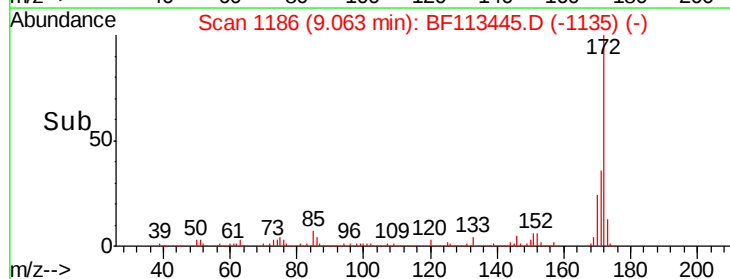
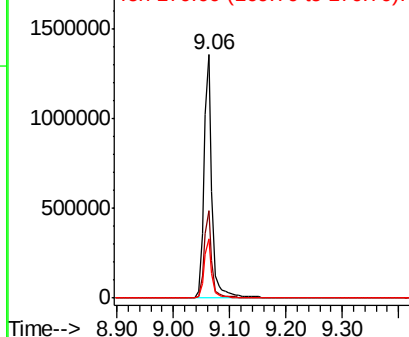


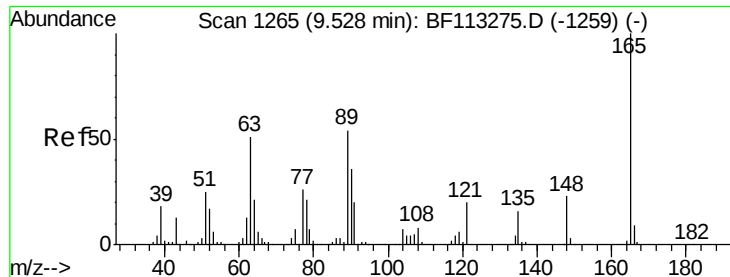
#45
 2-Fluorobiphenyl
 Concen: 83.580 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Tgt Ion:172 Resp: 1353288
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.2 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

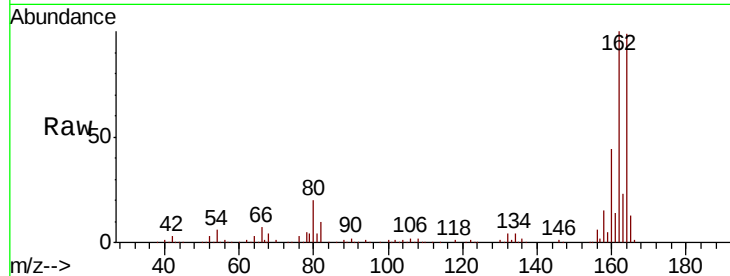




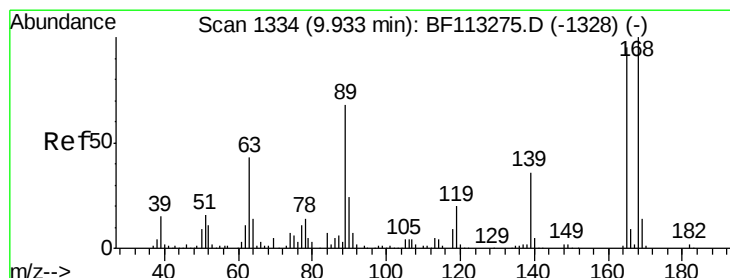
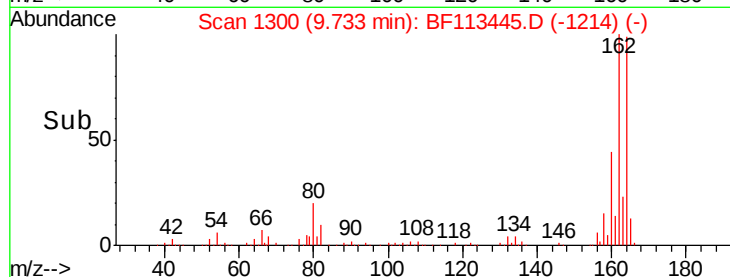
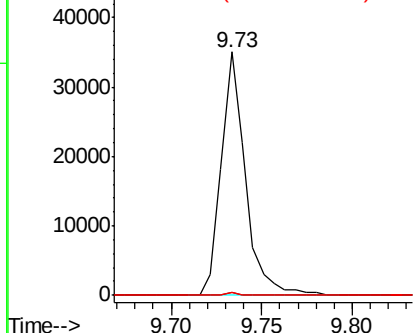
#51
 2,6-Dinitrotoluene
 Concen: 7.704 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.0	43.1	64.7#



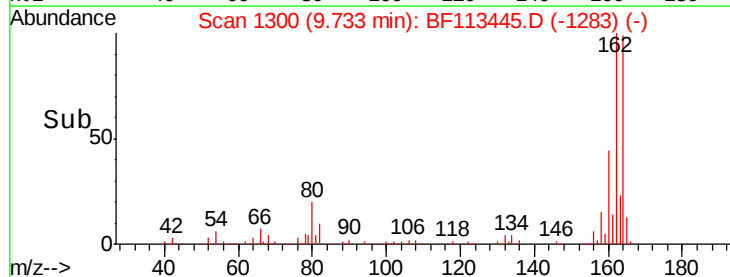
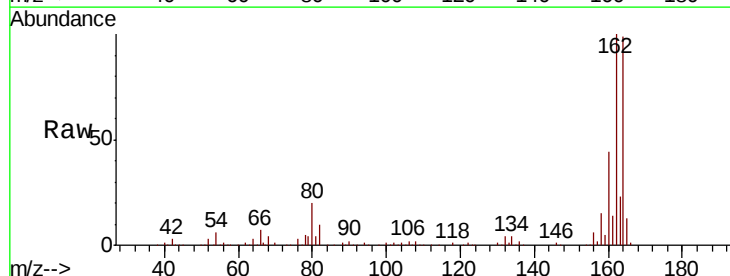
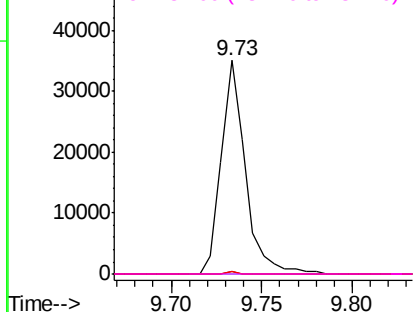
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

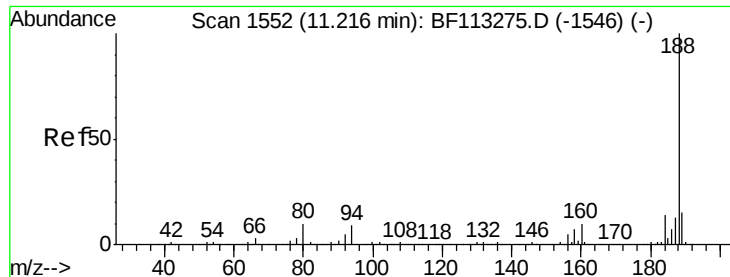


#57
 2,4-Dinitrotoluene
 Concen: 6.058 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.0	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

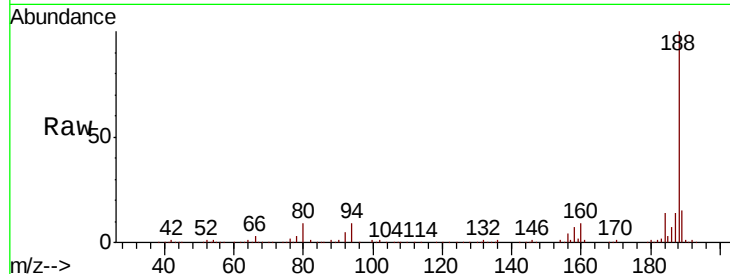




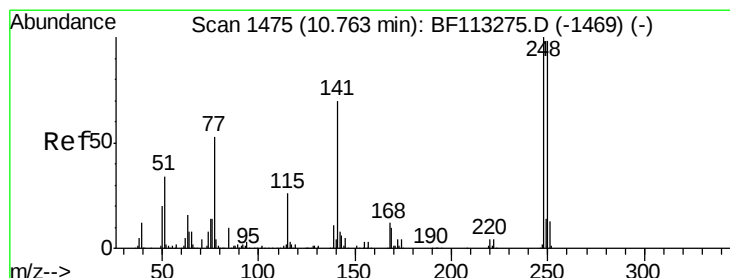
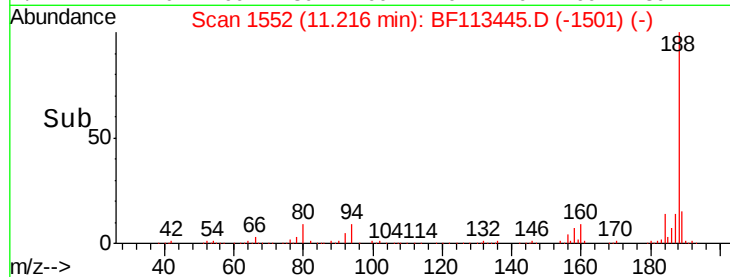
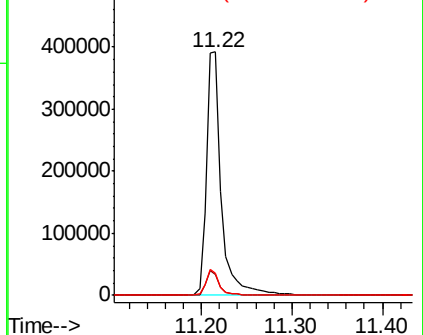
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

Tgt Ion:188 Resp: 457535
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.0 10.6
 80 8.9 7.7 11.5

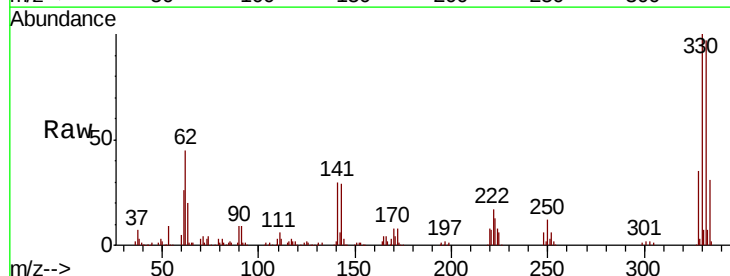


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

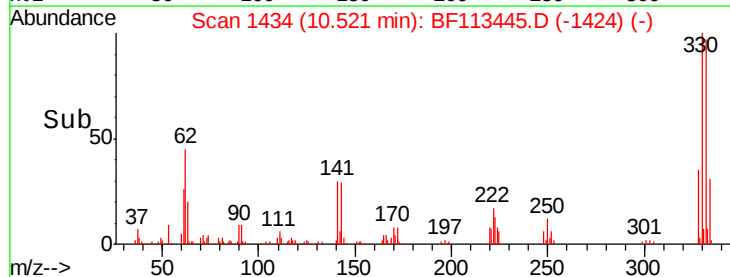
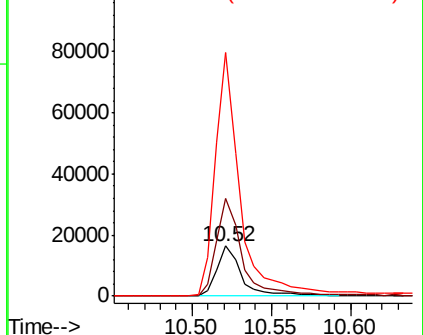


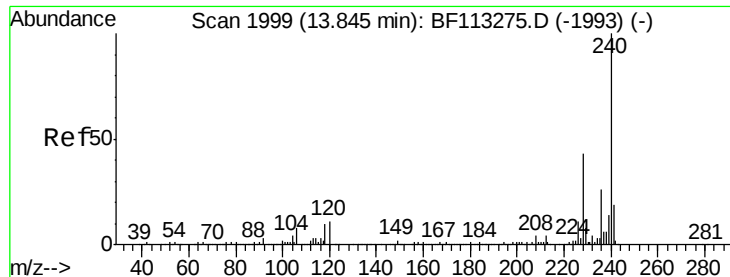
#67
 4-Bromophenyl-phenylether
 Concen: 3.561 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Tgt Ion:248 Resp: 17758
 Ion Ratio Lower Upper
 248 100
 250 194.5 78.3 117.5#
 141 484.2 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Instrument :

BNA_F

ClientSampleId :

S7B(2-10)COMP

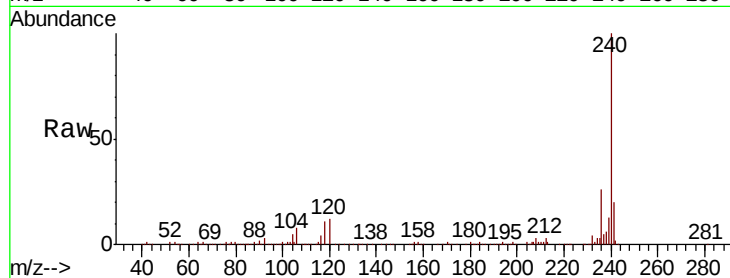
Tgt Ion:240 Resp: 480923

Ion Ratio Lower Upper

240 100

120 12.4 8.8 13.2

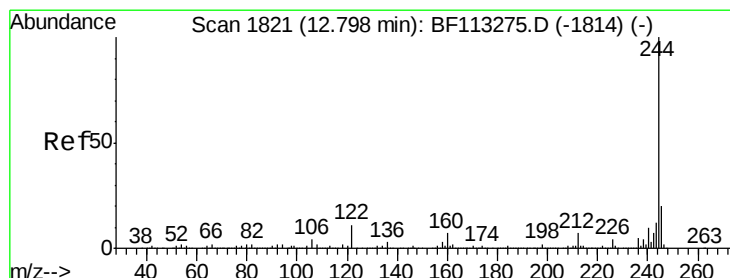
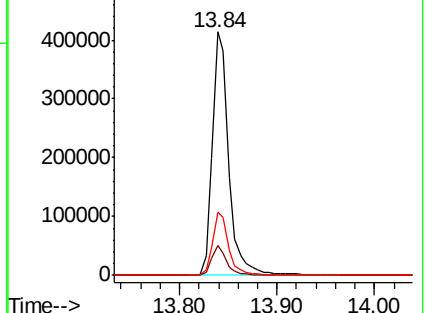
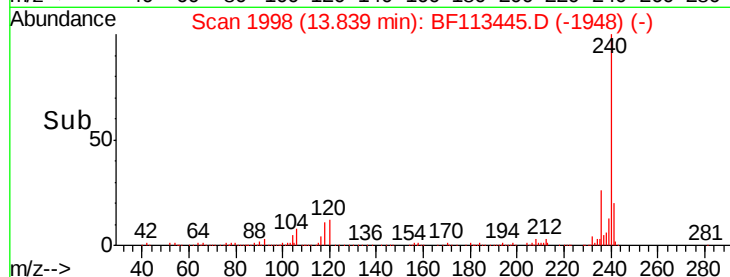
236 25.7 20.9 31.3



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: 64.158 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

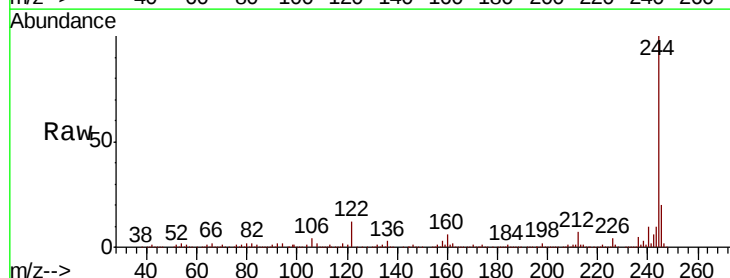
Tgt Ion:244 Resp: 1399844

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

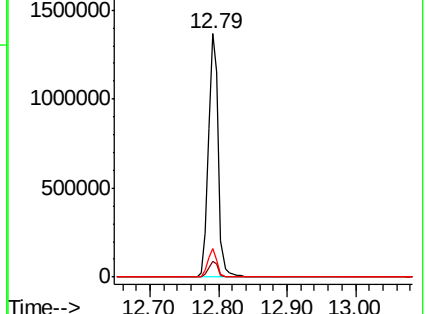
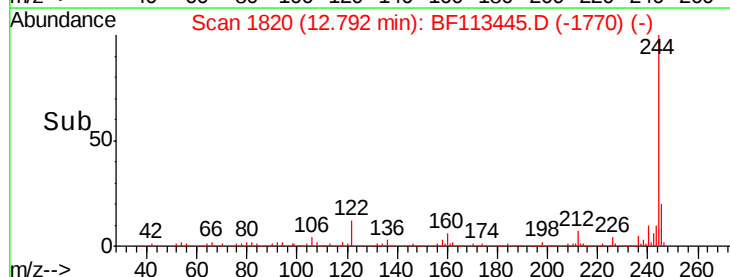
122 11.6 8.6 13.0

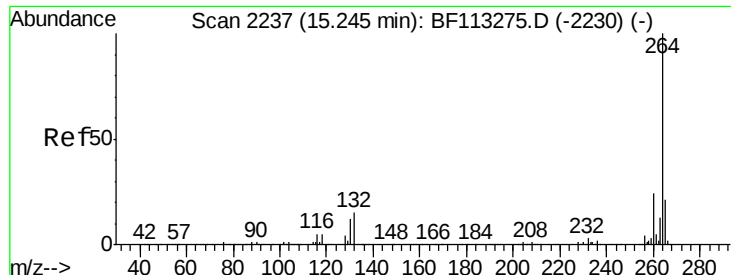


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

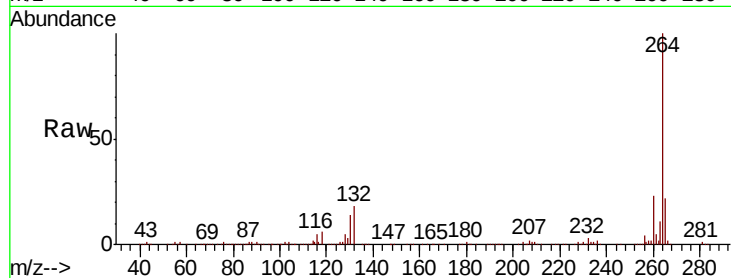




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113445.D
Acq: 30 Mar 2019 7:20

Instrument :
BNA_F
ClientSampleId :
S7B(2-10)COMP

Tgt Ion:	264	Resp:	391562
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.6	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

