

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113446.D
 Acq On : 30 Mar 2019 7:49
 Operator : JU/SJ
 Sample : K2139-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7B(12-20)COMP

Quant Time: Apr 01 04:11:49 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

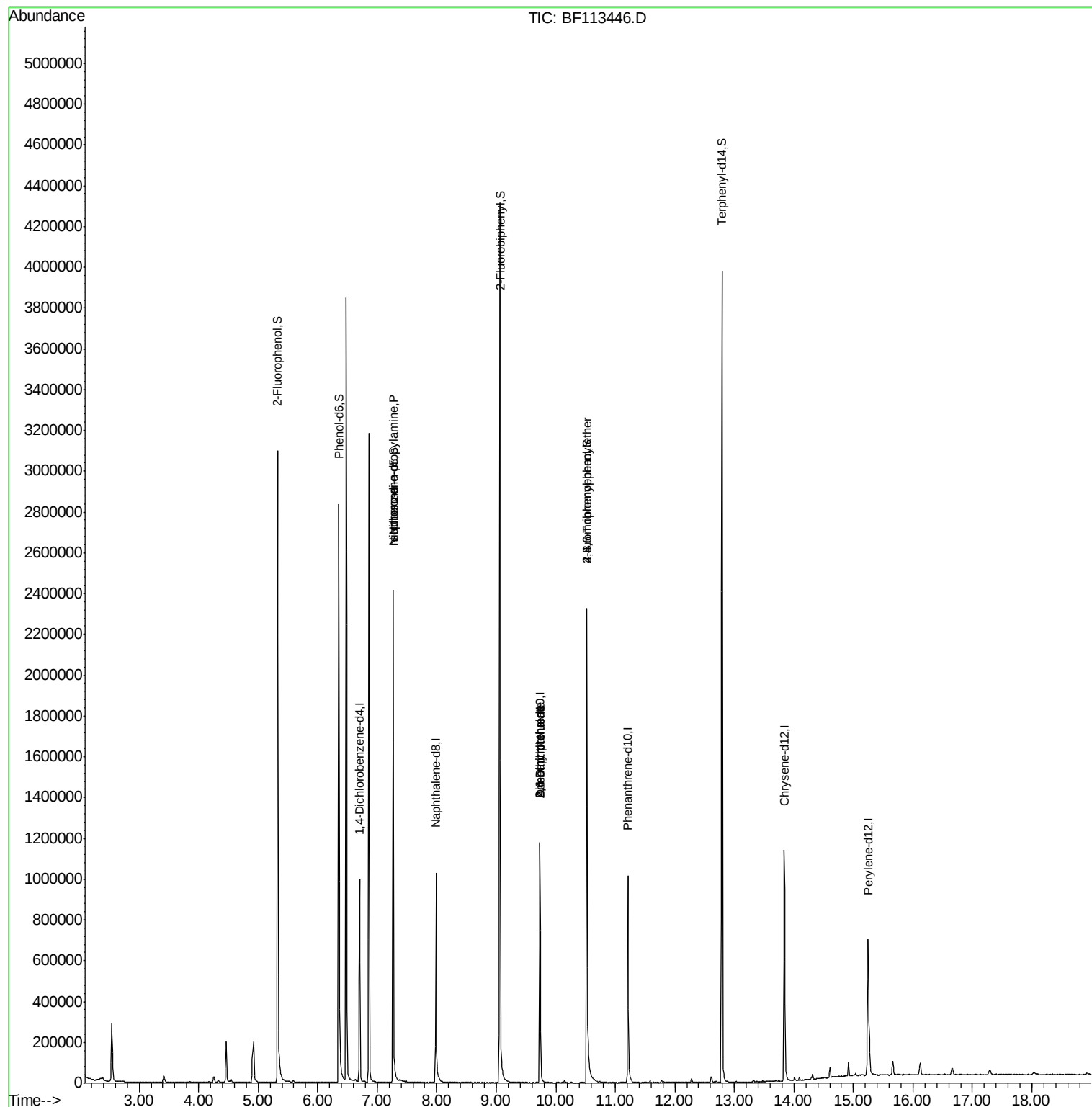
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	147429	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	552568	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	255896	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	471221	20.00	ng	0.00
76) Chrysene-d12	13.84	240	473972	20.00	ng	0.00
87) Perylene-d12	15.24	264	390134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	990453	109.85	ng	0.01
7) Phenol-d6	6.36	99	1172159	102.76	ng	0.00
23) Nitrobenzene-d5	7.27	82	827949	88.93	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	395687	125.18	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1541110	96.85	ng	0.00
79) Terphenyl-d14	12.79	244	1605407	74.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	107868	15.056	ng	# 76
25) Isophorone	7.27	82	820796	45.494	ng	# 64
50) Dimethylphthalate	9.73	163	57649	3.040	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	32237	7.535	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	32237	5.925	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	22106	4.304	ng	# 1

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

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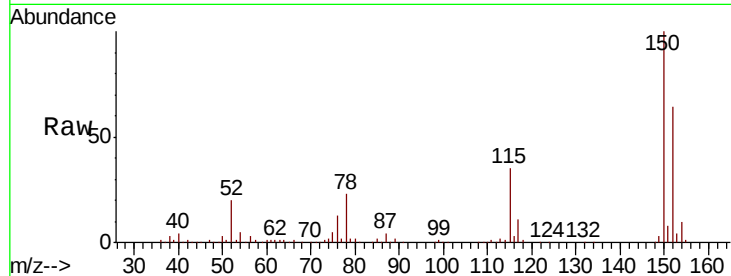


#1

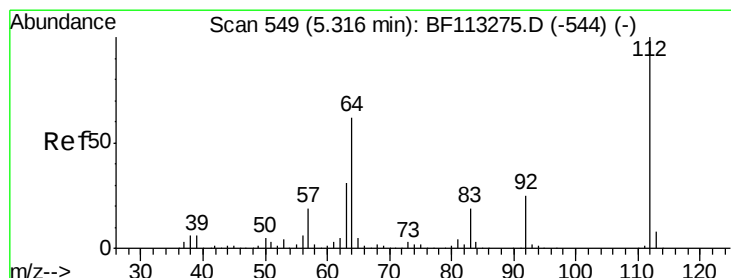
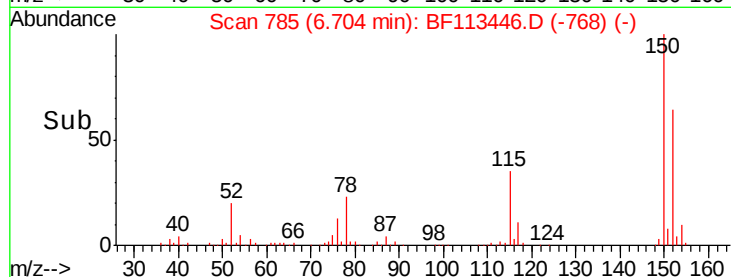
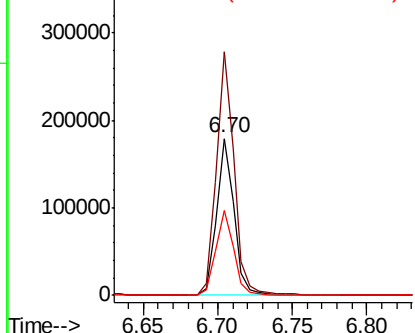
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113446.D
Acq: 30 Mar 2019 7:49

Instrument :
BNA_F
ClientSampleId :
S7B(12-20)COMP

Tgt Ion:152 Resp: 147429
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 54.1 46.0 69.0



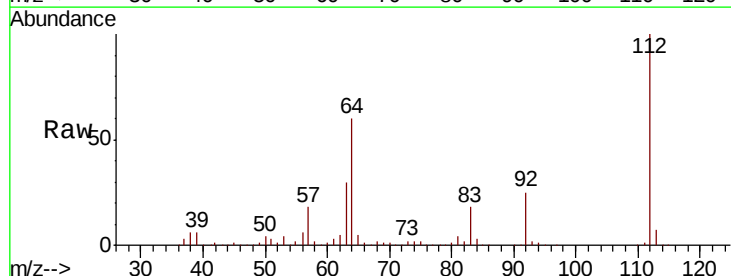
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



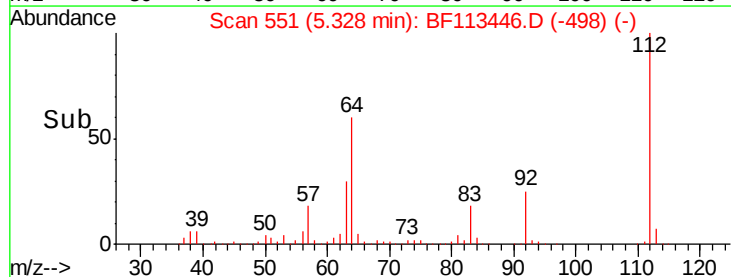
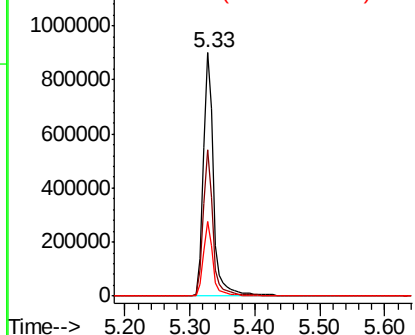
#5

2-Fluorophenol
Concen: 109.850 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113446.D
Acq: 30 Mar 2019 7:49

Tgt Ion:112 Resp: 990453
Ion Ratio Lower Upper
112 100
64 60.2 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: 102.765 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113446.D

Acq: 30 Mar 2019 7:49

Instrument :

BNA_F

ClientSampleId :

S7B(12-20)COMP

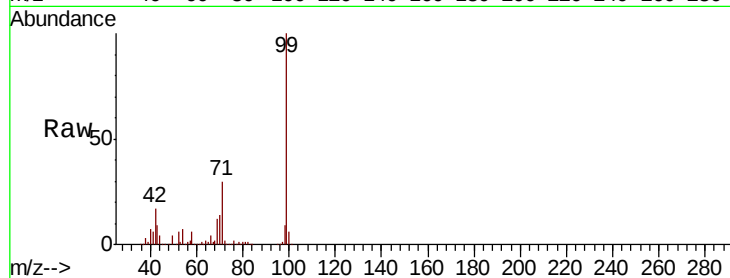
Tgt Ion: 99 Resp: 1172159

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

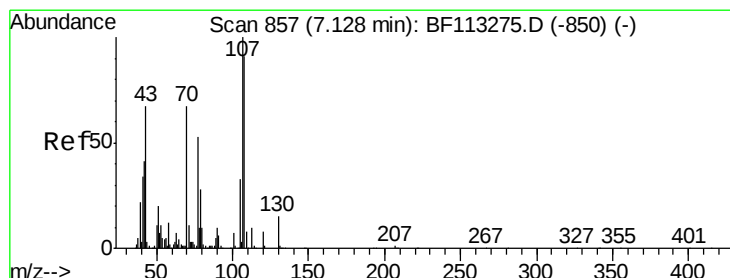
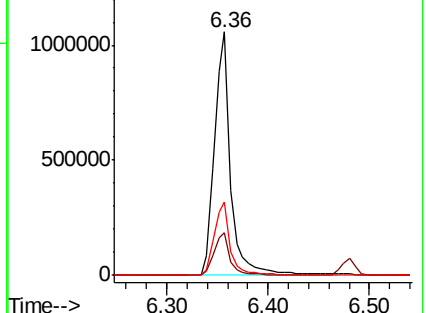
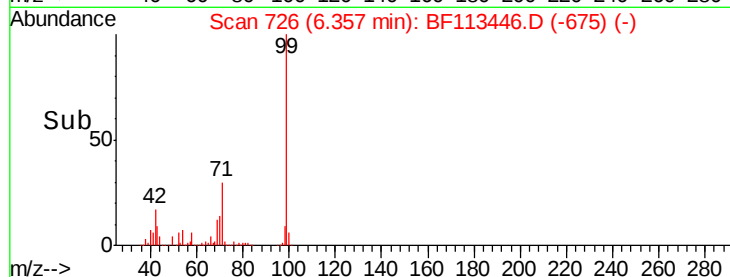
71 30.3 24.9 37.3



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: 15.056 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113446.D

Acq: 30 Mar 2019 7:49

Tgt Ion: 70 Resp: 107868

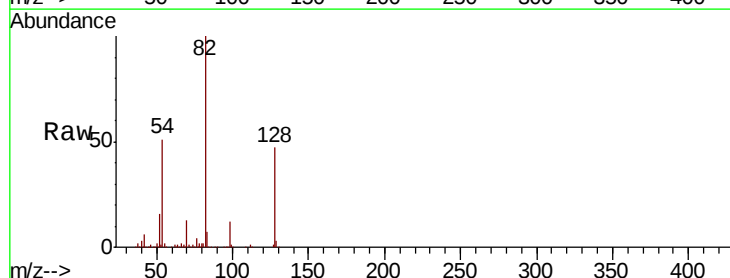
Ion Ratio Lower Upper

70 100

42 47.9 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

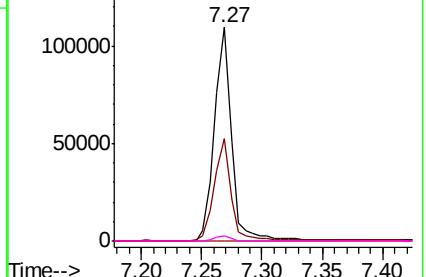
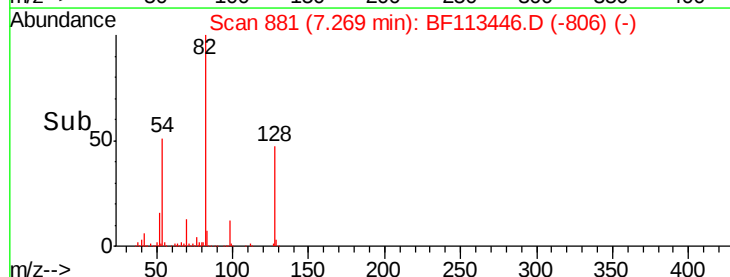


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF113446.D

Acq: 30 Mar 2019 7:49

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 552568

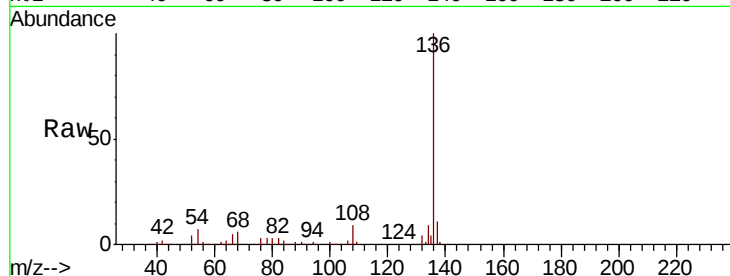
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 7.0 10.6

68 6.0 4.8 7.2

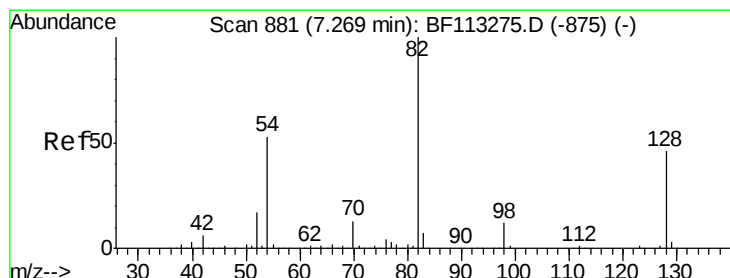
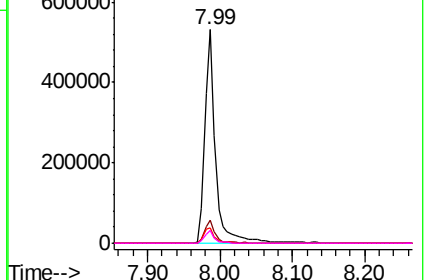
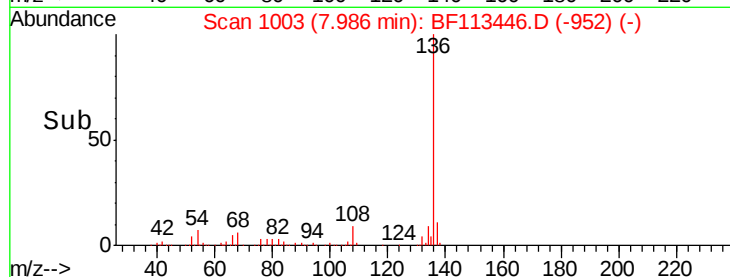


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.934 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113446.D

Acq: 30 Mar 2019 7:49

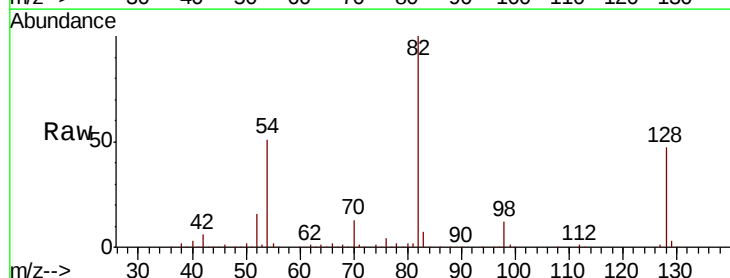
Tgt Ion: 82 Resp: 827949

Ion Ratio Lower Upper

82 100

128 46.9 36.5 54.7

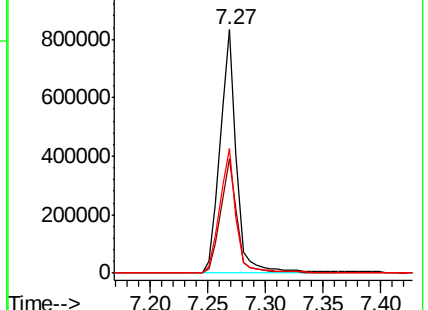
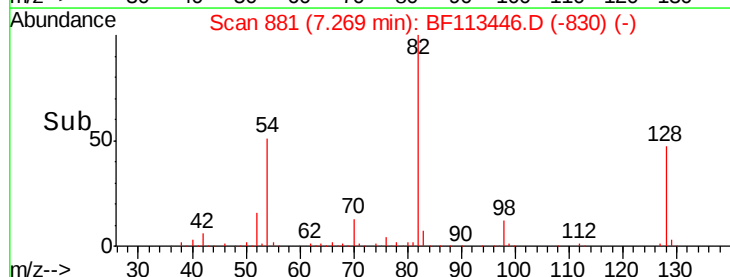
54 51.1 42.2 63.2

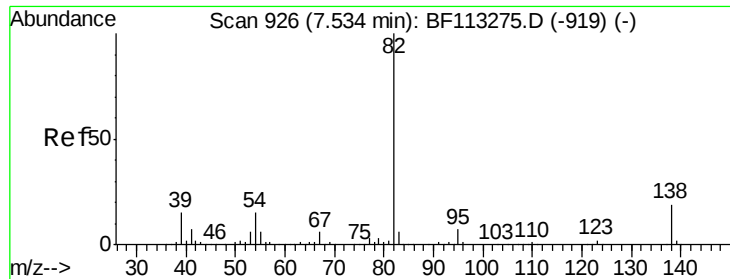


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

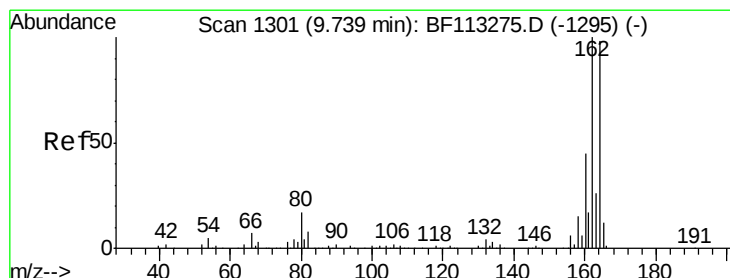
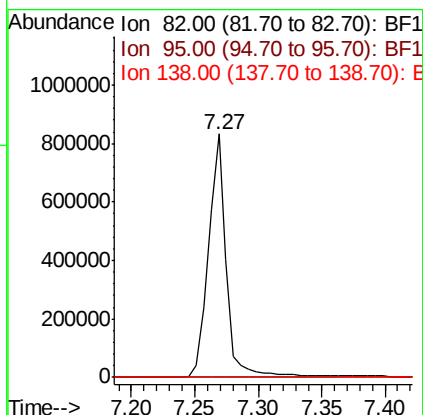
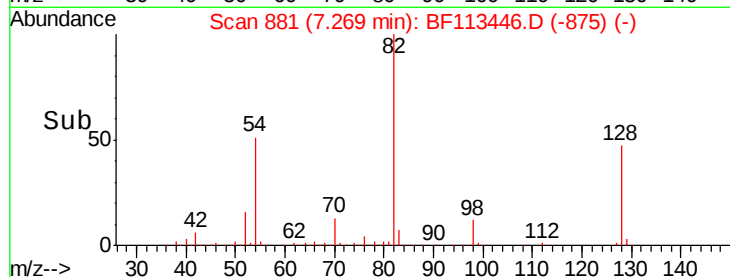
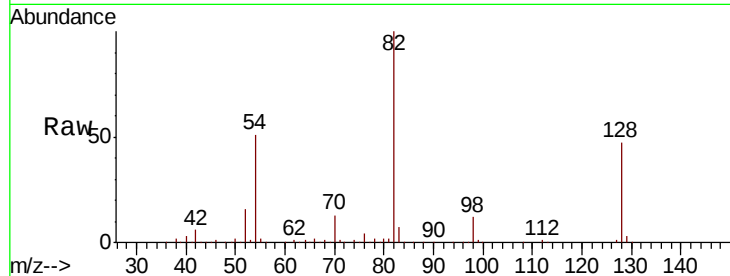




#25
Isophorone
Concen: 45.494 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113446.D
Acq: 30 Mar 2019 7:49

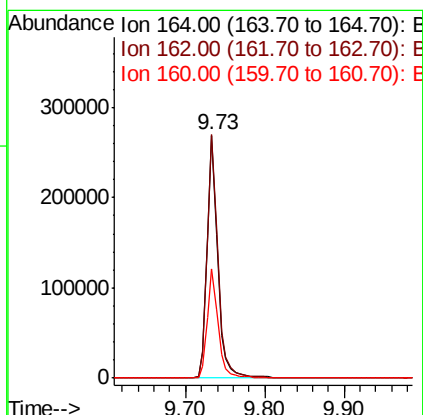
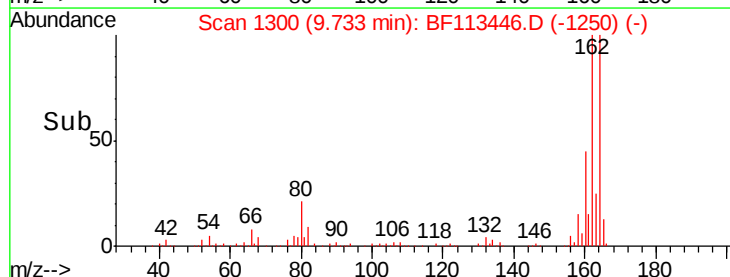
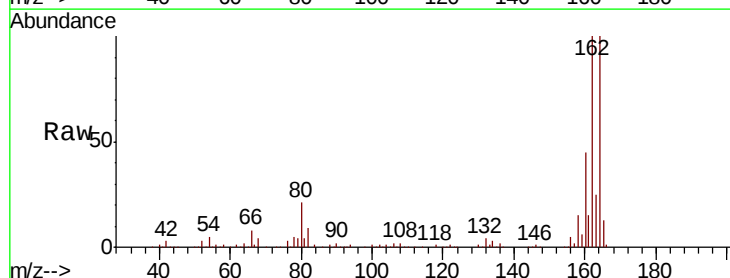
Instrument :
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S7B(12-20)COMP

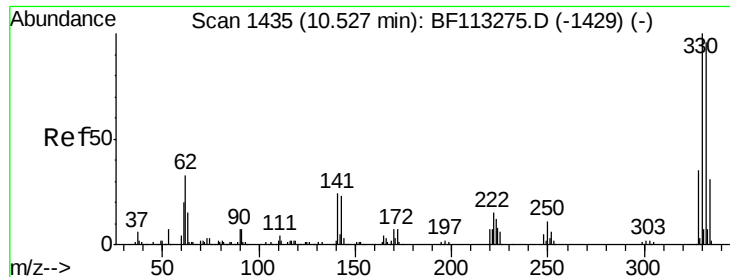
Tgt Ion: 82 Resp: 820796
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113446.D
Acq: 30 Mar 2019 7:49

Tgt Ion: 164 Resp: 255896
Ion Ratio Lower Upper
164 100
162 100.3 81.8 122.6
160 45.3 36.4 54.6

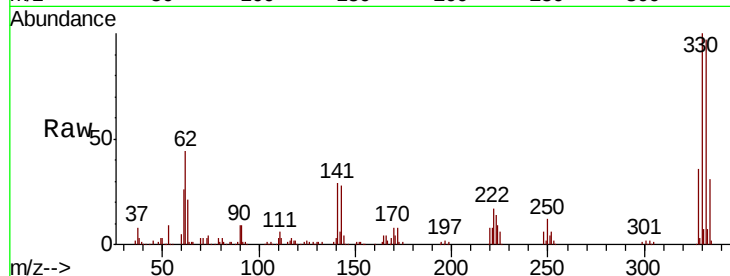




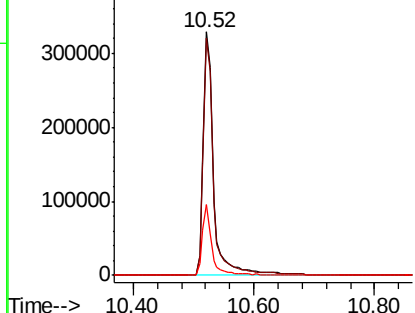
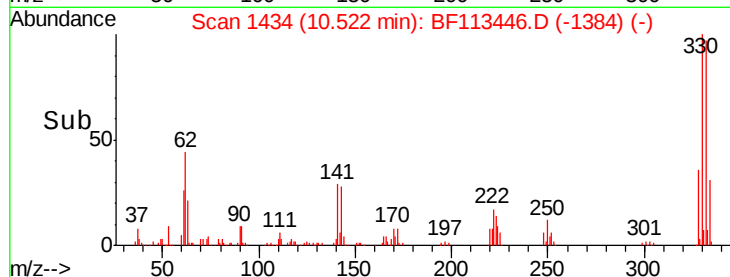
#42
 2,4,6-Tribromophenol
 Concen: 125.182 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113446.D
 Acq: 30 Mar 2019 7:49

Instrument :
 BNA_F
 ClientSampleId :
 S7B(12-20)COMP

Tgt Ion:330 Resp: 395687
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.8 116.6
 141 27.3 22.7 34.1

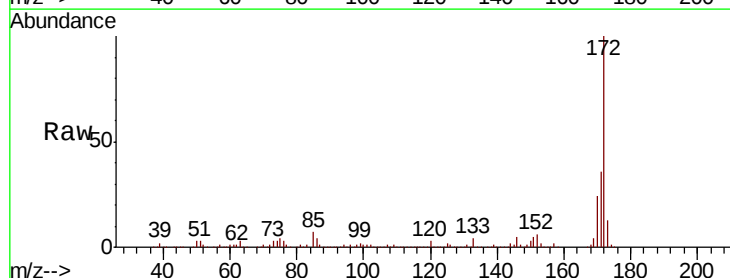


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

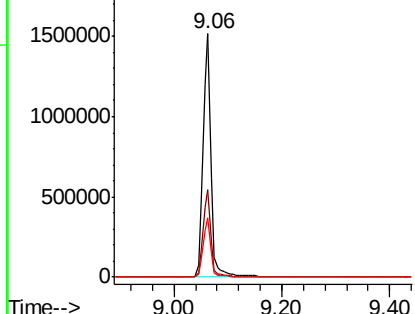
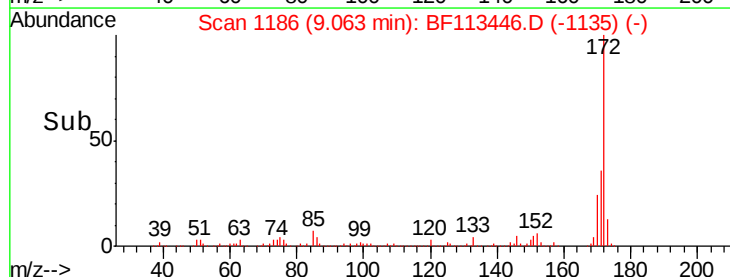


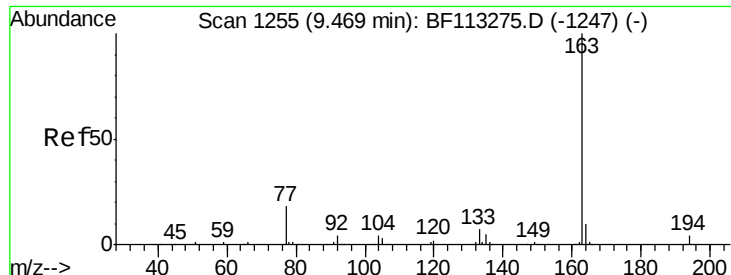
#45
 2-Fluorobiphenyl
 Concen: 96.852 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113446.D
 Acq: 30 Mar 2019 7:49

Tgt Ion:172 Resp: 1541110
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.3 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

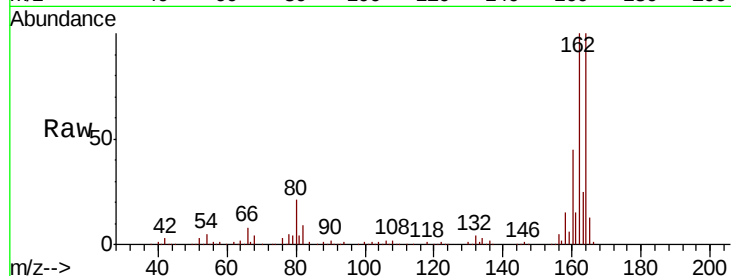




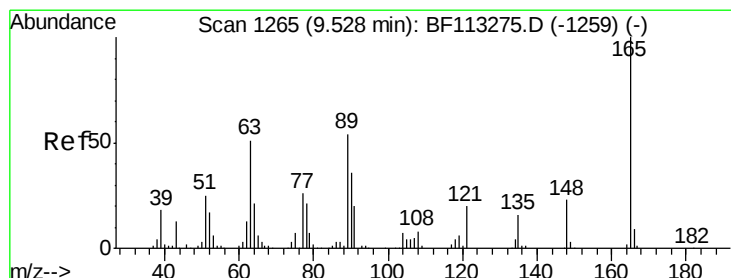
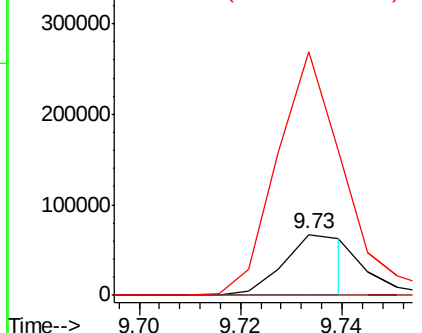
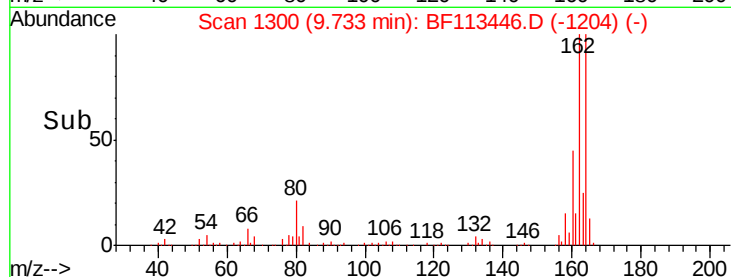
#50
 Dimethylphthalate
 Concen: 3.040 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.26 min
 Lab File: BF113446.D
 Acq: 30 Mar 2019 7:49

Instrument :
 BNA_F
 ClientSampleId :
 S7B(12-20)COMP

Tgt Ion:163 Resp: 57649
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.0 4.6#
 164 400.5 8.1 12.1#

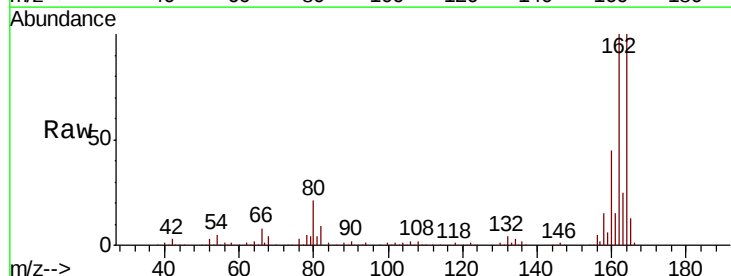


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

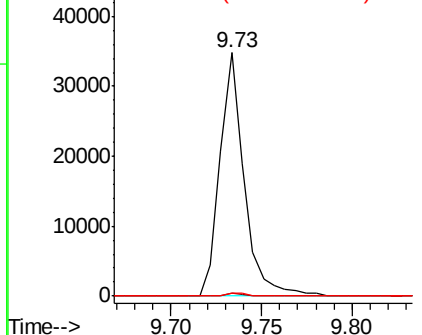
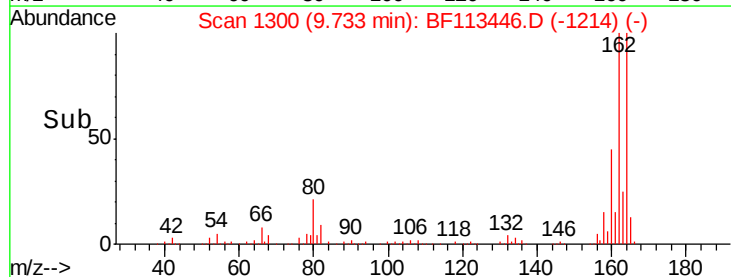


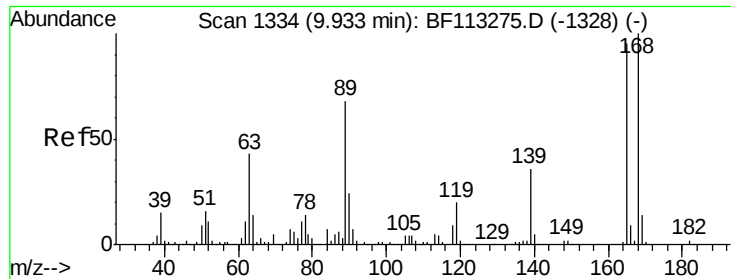
#51
 2,6-Dinitrotoluene
 Concen: 7.535 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113446.D
 Acq: 30 Mar 2019 7:49

Tgt Ion:165 Resp: 32237
 Ion Ratio Lower Upper
 165 100
 63 1.1 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

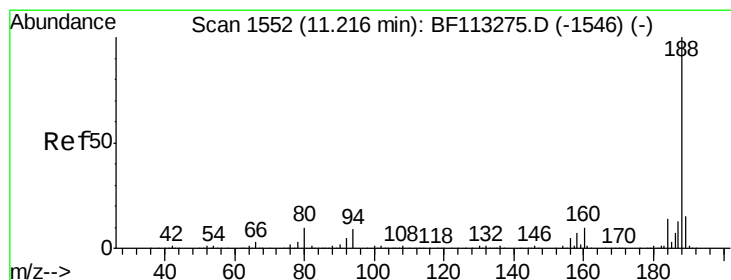
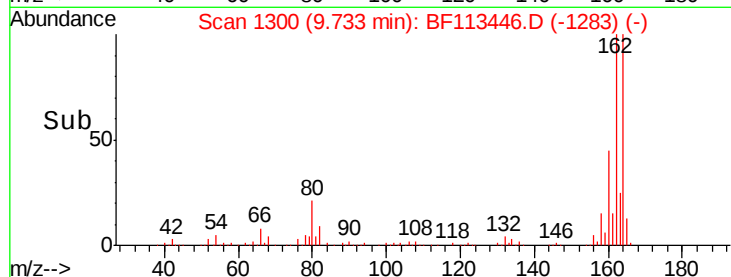
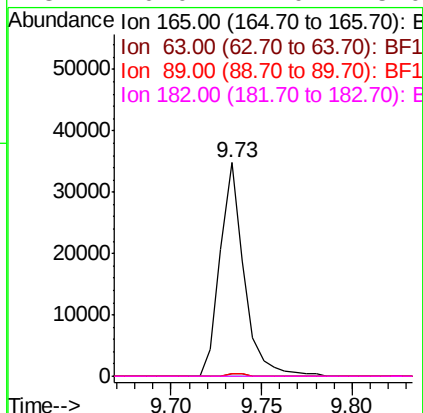
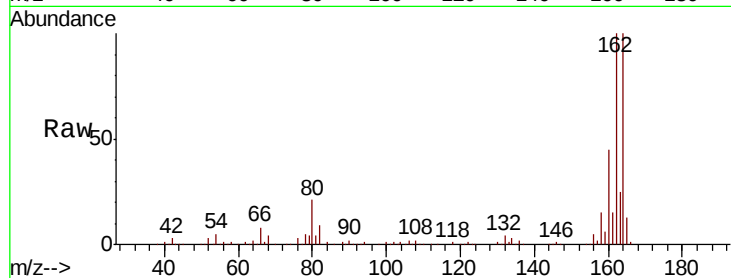




#57
 2,4-Dinitrotoluene
 Concen: 5.925 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113446.D
 Acq: 30 Mar 2019 7:49

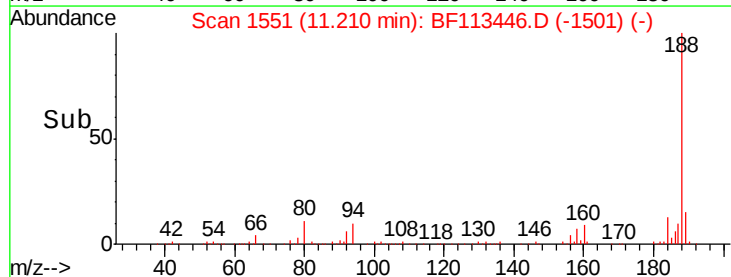
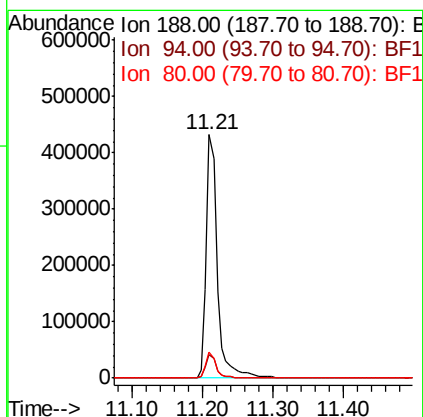
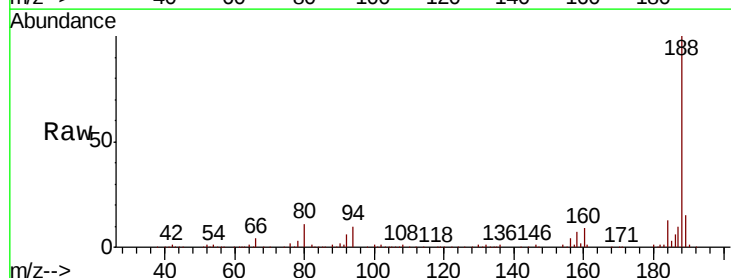
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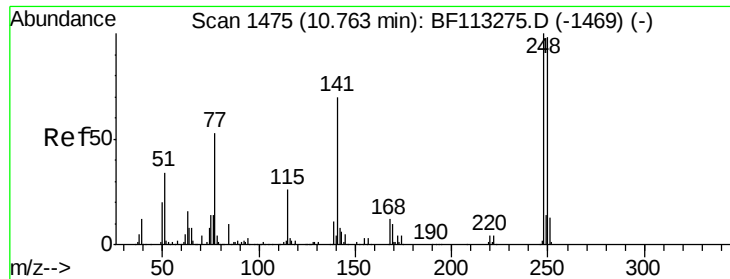
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.0	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113446.D
 Acq: 30 Mar 2019 7:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.6
80	10.7	7.7	11.5

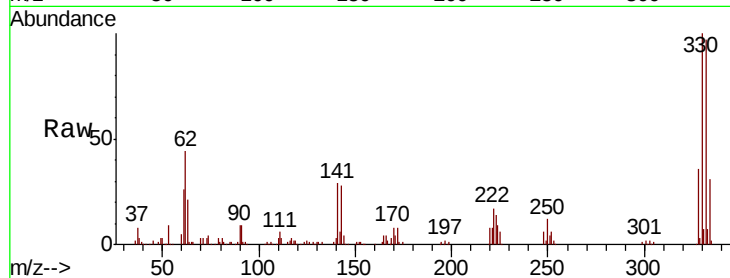




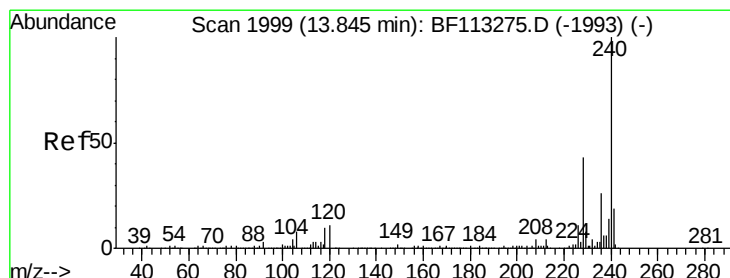
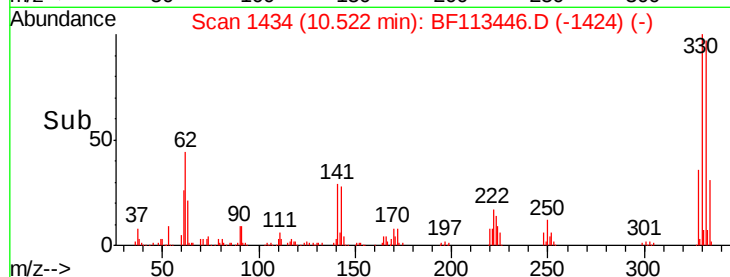
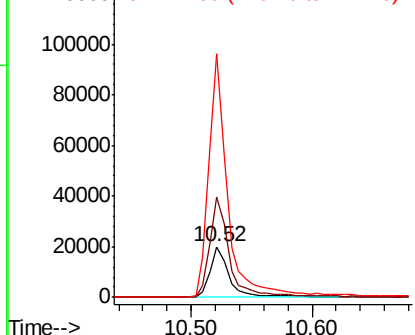
#67
4-Bromophenyl-phenylether
Concen: 4.304 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113446.D
Acq: 30 Mar 2019 7:49

Instrument :
BNA_F
ClientSampleId :
S7B(12-20)COMP

Tgt Ion:248 Resp: 22106
Ion Ratio Lower Upper
248 100
250 197.3 78.3 117.5#
141 479.6 56.2 84.4#

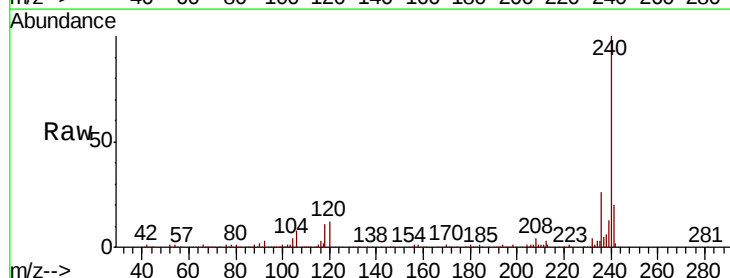


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

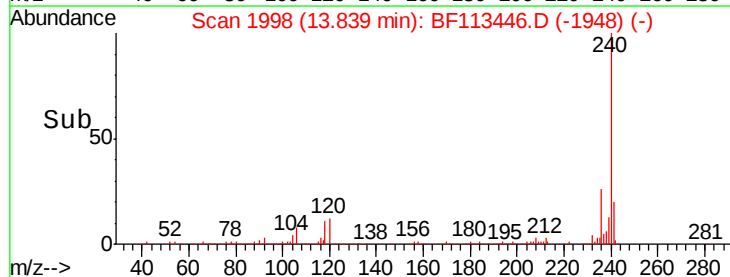
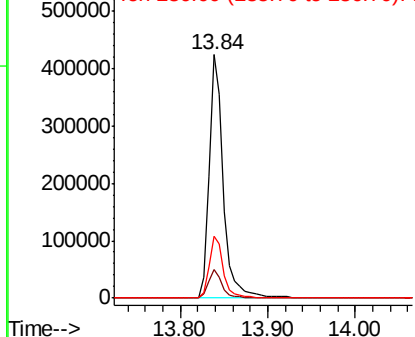


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113446.D
Acq: 30 Mar 2019 7:49

Tgt Ion:240 Resp: 473972
Ion Ratio Lower Upper
240 100
120 11.6 8.8 13.2
236 25.6 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

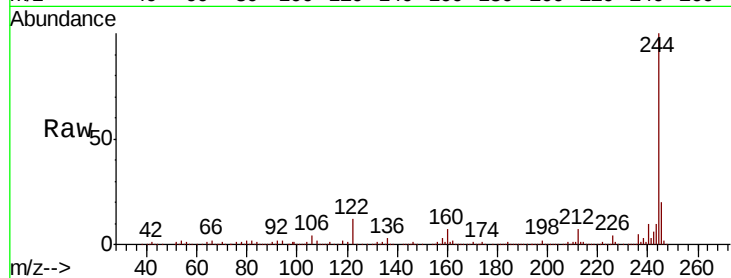




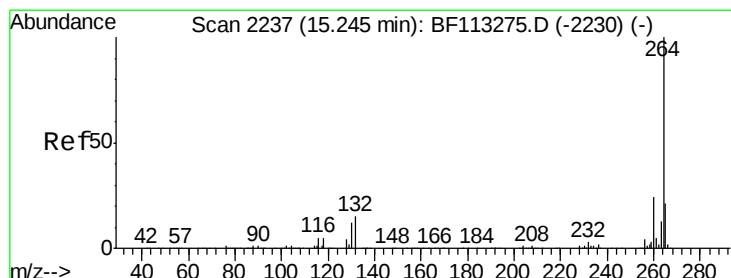
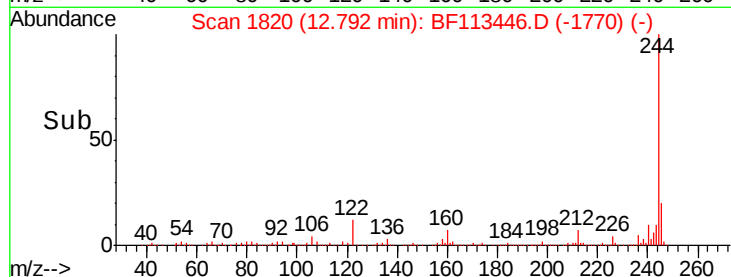
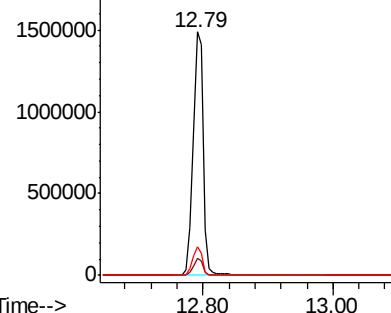
#79
 Terphenyl-d14
 Concen: 74.658 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113446.D
 Acq: 30 Mar 2019 7:49

Instrument :
 BNA_F
 ClientSampleId :
 S7B(12-20)COMP

Tgt Ion:244 Resp: 1605407
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.7 8.6 13.0

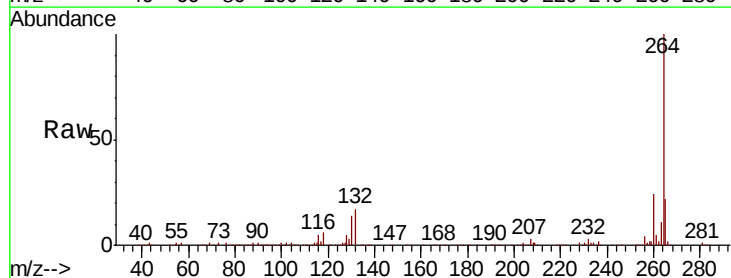


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BF113446.D
 Acq: 30 Mar 2019 7:49

Tgt Ion:264 Resp: 390134
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

