

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113444.D
 Acq On : 30 Mar 2019 6:52
 Operator : JU/SJ
 Sample : K2138-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6B(12-20)COMP

Quant Time: Apr 01 04:11:27 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

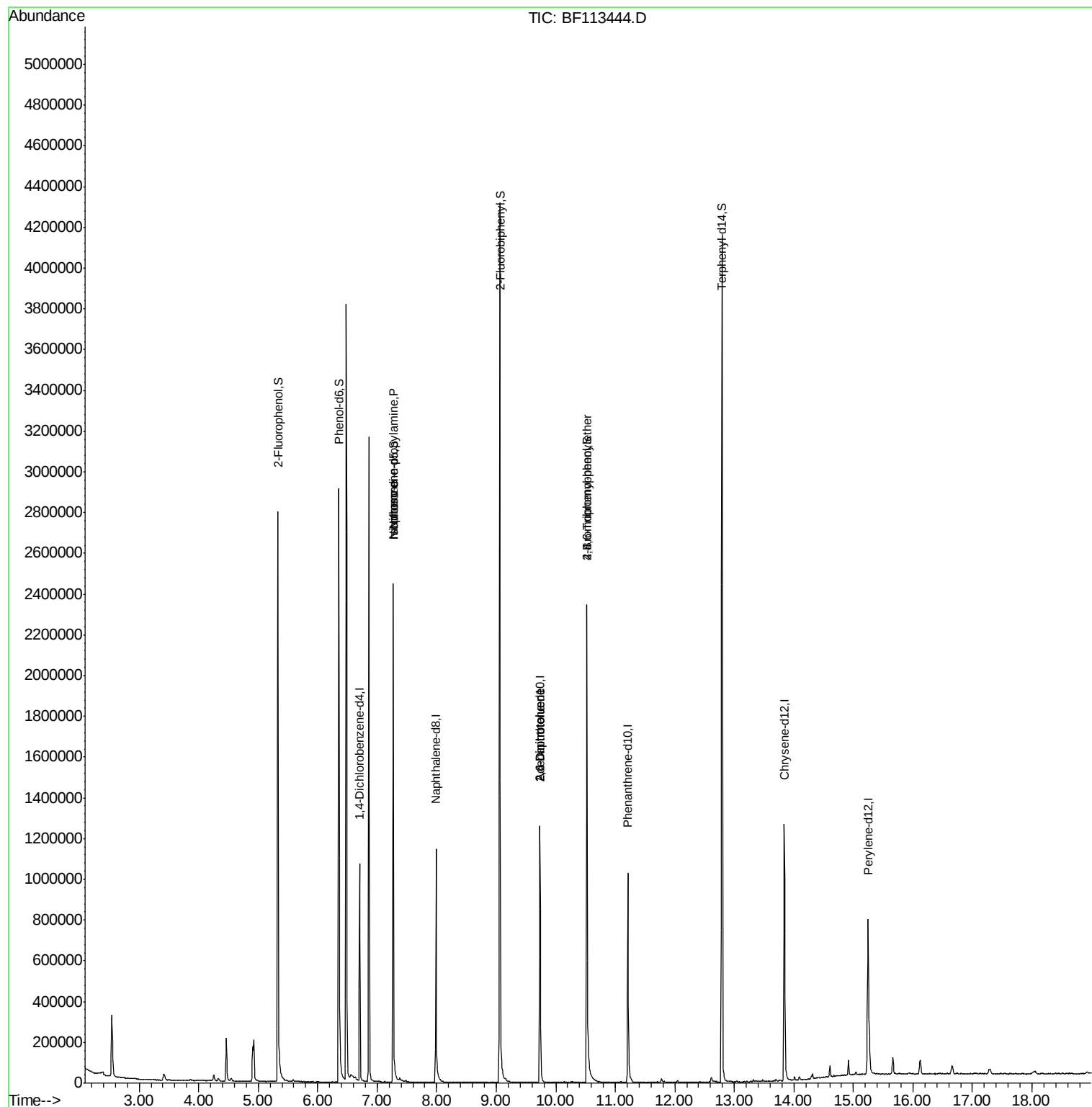
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155786	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	577879	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	264269	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	489360	20.00	ng	0.00
76) Chrysene-d12	13.84	240	532737	20.00	ng	0.00
87) Perylene-d12	15.24	264	431994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	992353	104.16	ng	0.02
7) Phenol-d6	6.36	99	1133661	94.06	ng	0.00
23) Nitrobenzene-d5	7.27	82	826538	84.89	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	403830	123.71	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1528655	92.15	ng	0.00
79) Terphenyl-d14	12.80	244	1680497	69.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	106502	14.067	ng	# 76
25) Isophorone	7.27	82	819572	43.437	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	33304	7.538	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	33304	5.927	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	22551	4.228	ng	# 1

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

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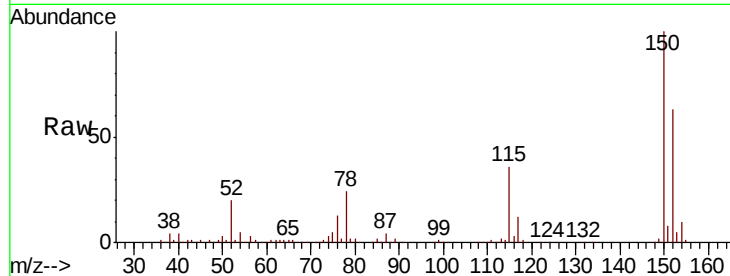


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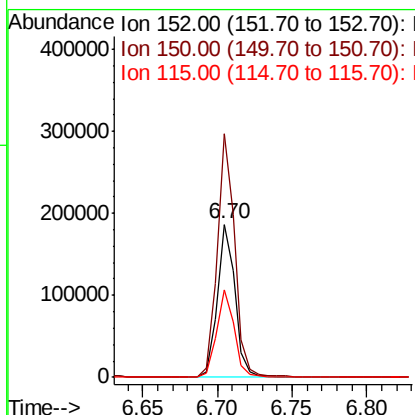
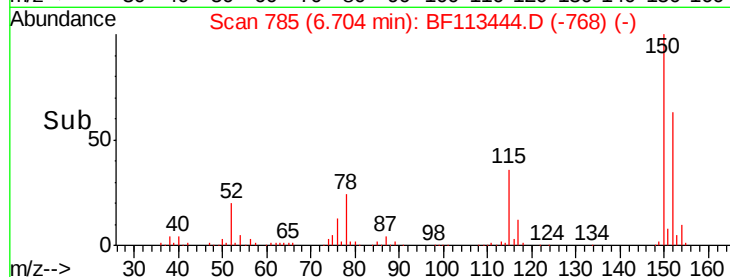
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
S6B(12-20)COMP

Tgt Ion	Resp	Lower	Upper
152	155786		
150	159.3	124.7	187.1
115	57.3	46.0	69.0



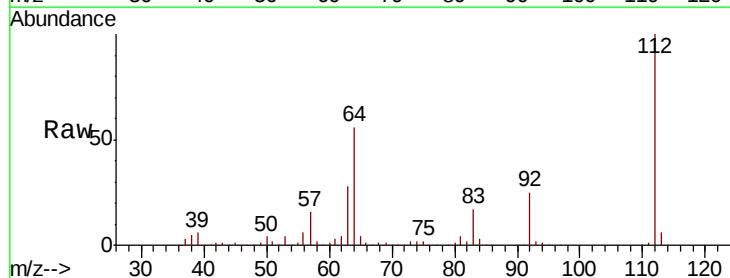
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



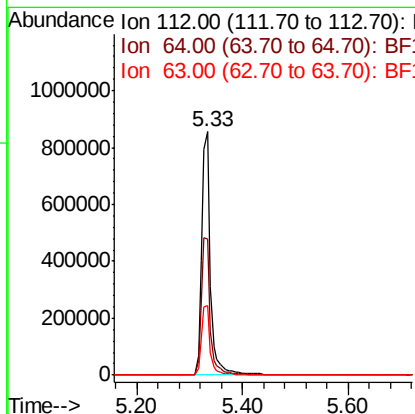
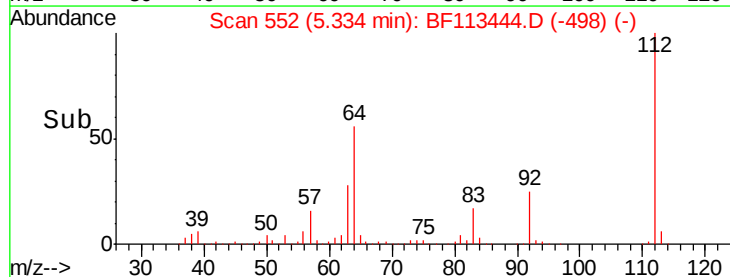
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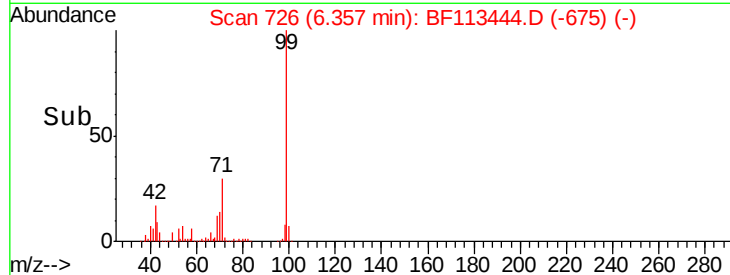
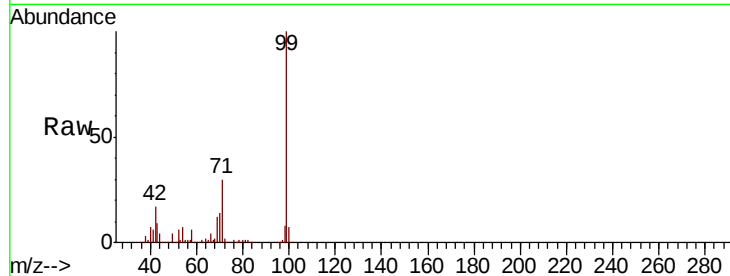
2-Fluorophenol
Concen: 104.157 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Tgt Ion	Resp	Lower	Upper
112	992353		
64	55.9	49.2	73.8
63	28.4	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: 94.058 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113444.D

Acq: 30 Mar 2019 6:52

Instrument :

BNA_F

ClientSampleId :

S6B(12-20)COMP

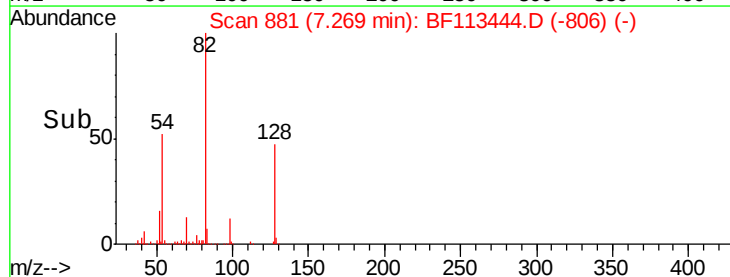
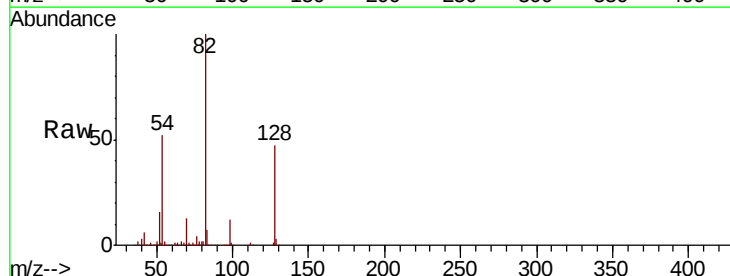
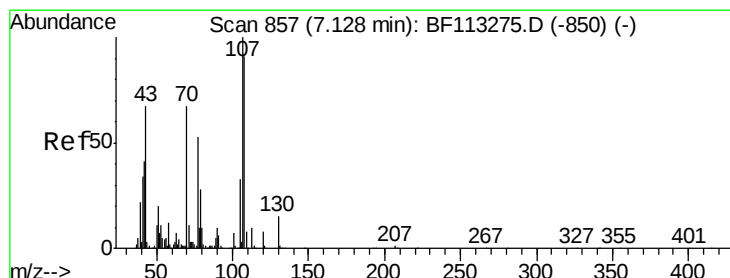
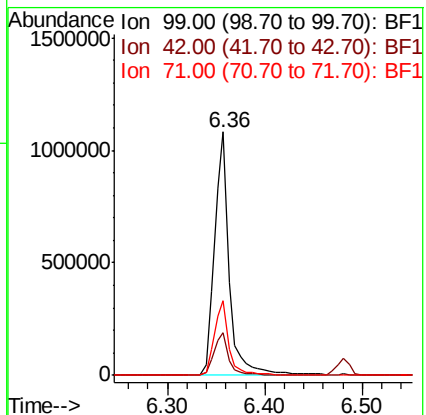
Tgt Ion: 99 Resp: 1133661

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

71 30.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.067 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113444.D

Acq: 30 Mar 2019 6:52

Tgt Ion: 70 Resp: 106502

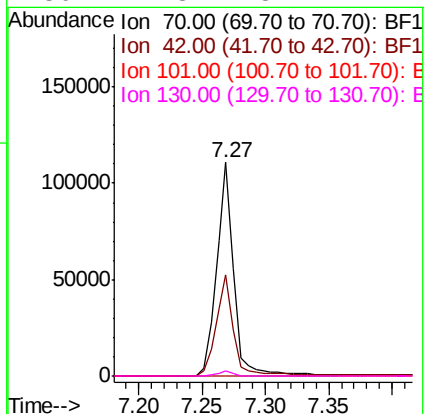
Ion Ratio Lower Upper

70 100

42 47.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

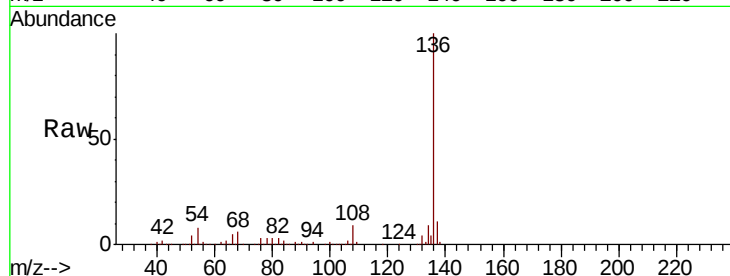




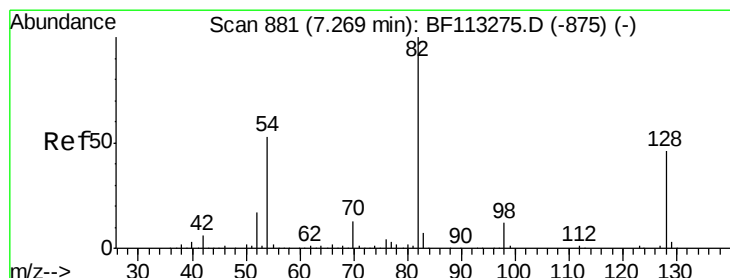
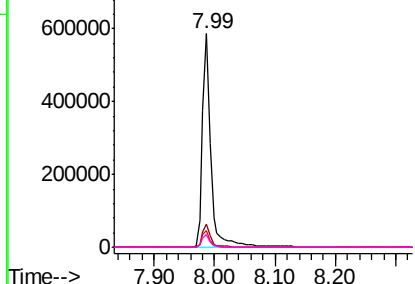
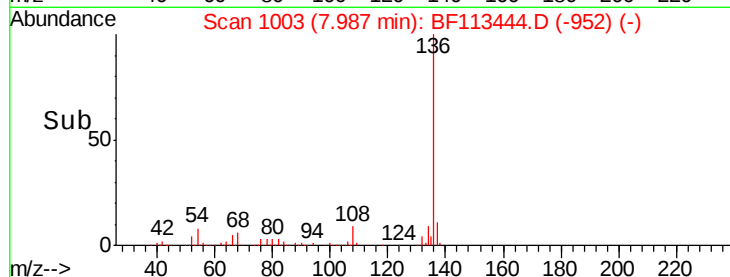
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
S6B(12-20)COMP

Tgt Ion:	136	Resp:	577879
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.0	10.6
68	6.2	4.8	7.2

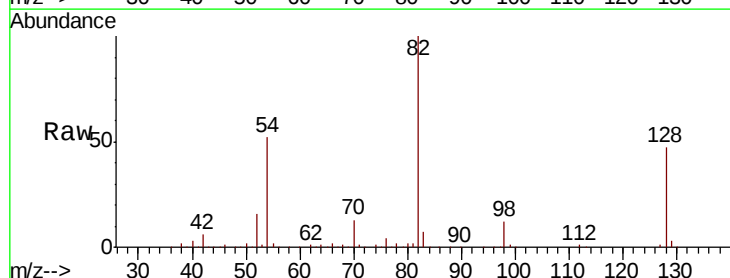


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

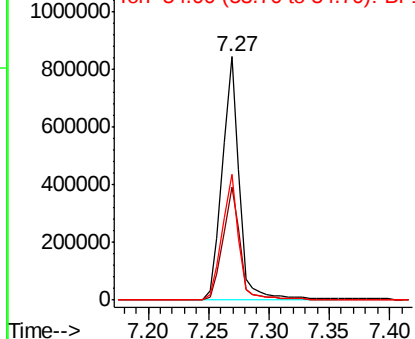
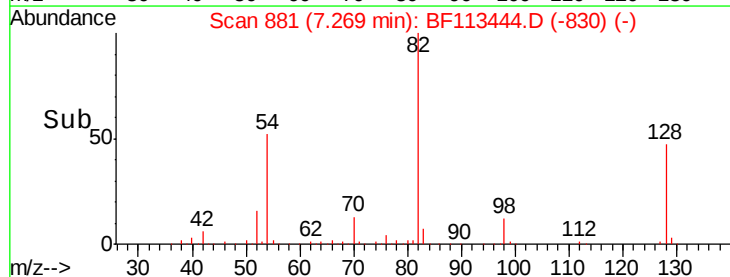


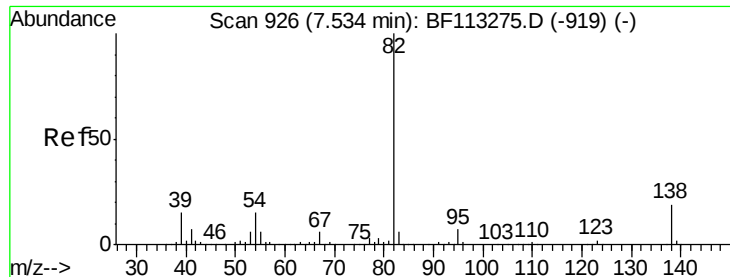
#23
Nitrobenzene-d5
Concen: 84.894 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Tgt Ion:	82	Resp:	826538
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	51.6	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

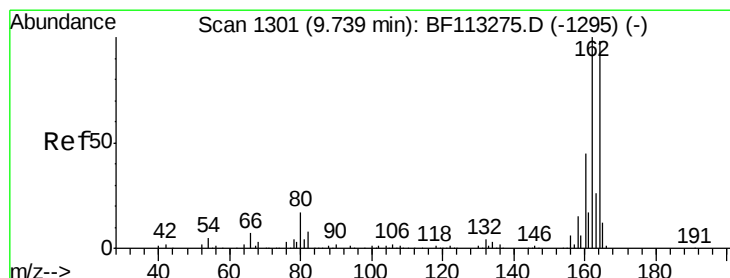
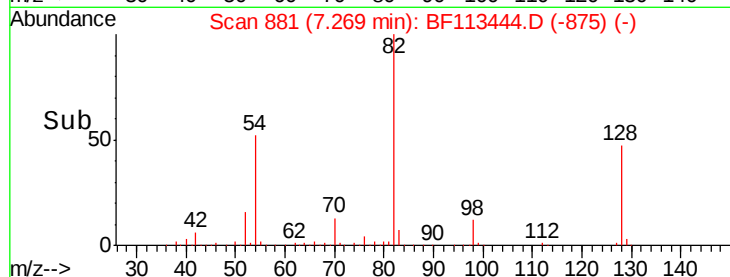
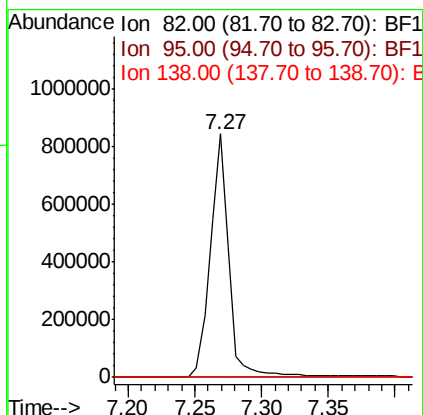
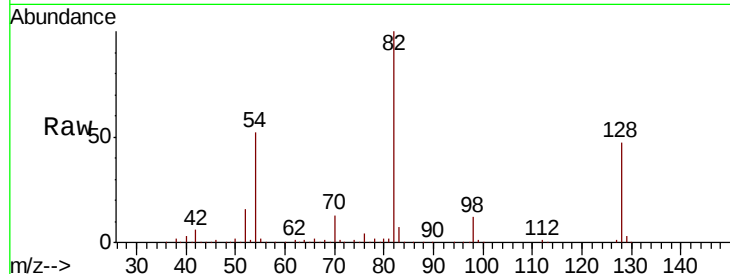




#25
Isophorone
Concen: 43.437 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

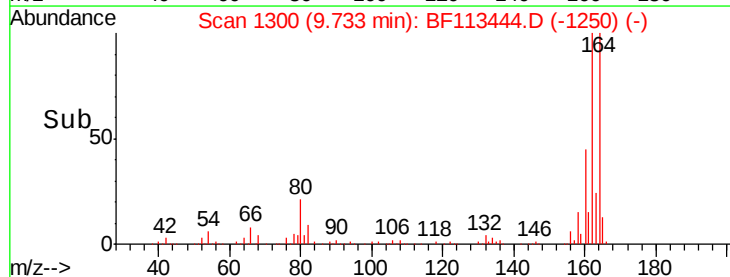
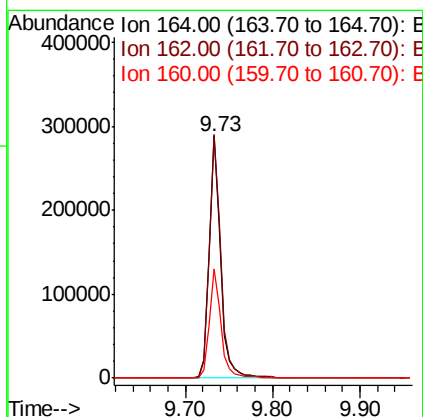
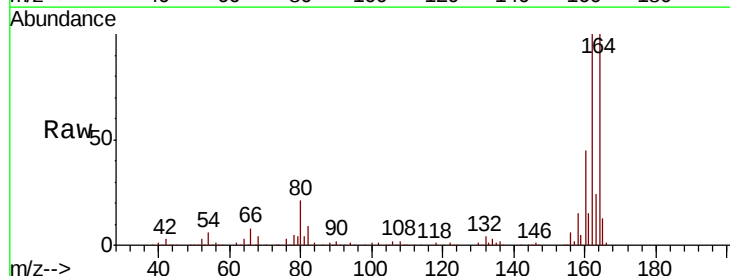
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S6B(12-20)COMP

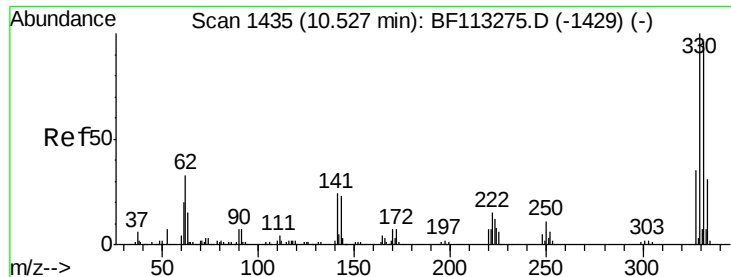
Tgt Ion: 82 Resp: 819572
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Tgt Ion: 164 Resp: 264269
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 45.0 36.4 54.6

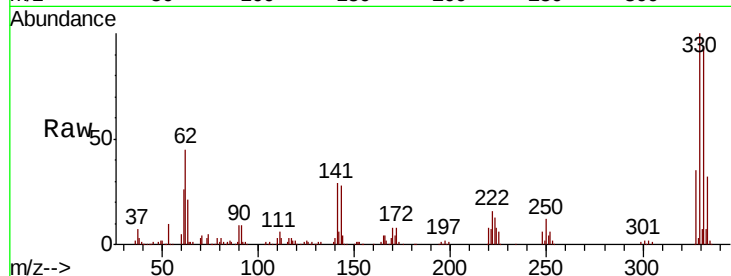




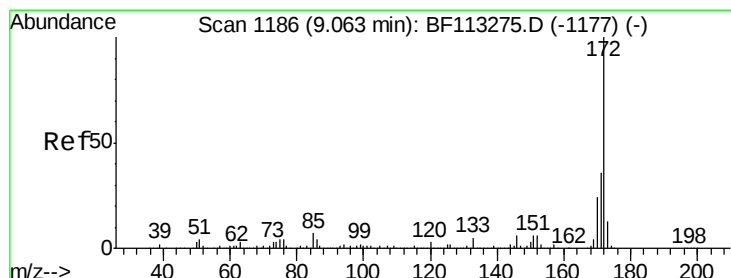
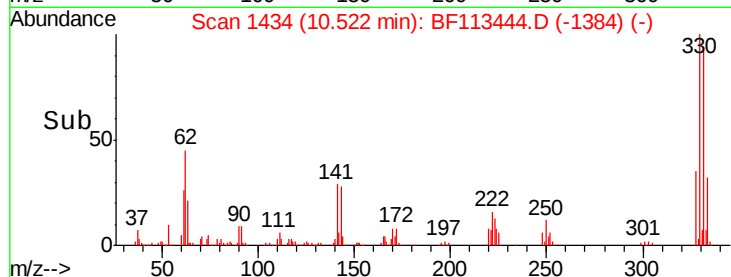
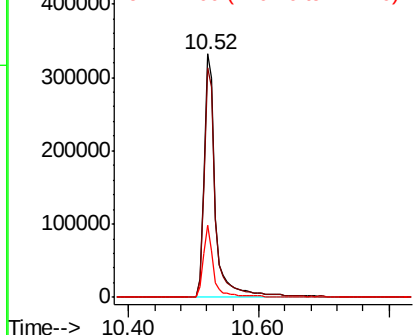
#42
 2,4,6-Tribromophenol
 Concen: 123.710 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113444.D
 Acq: 30 Mar 2019 6:52

Instrument :
 BNA_F
 ClientSampleId :
 S6B(12-20)COMP

Tgt Ion:330 Resp: 403830
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 27.2 22.7 34.1

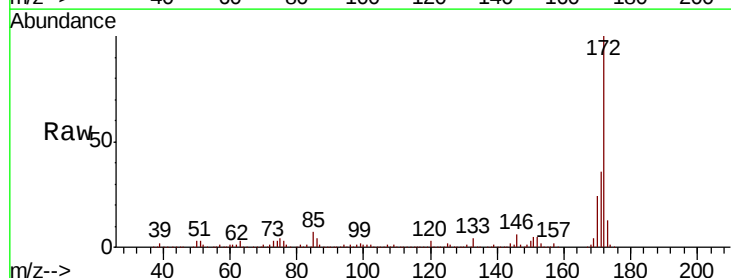


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

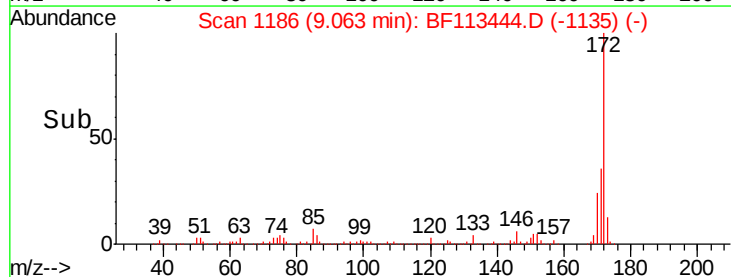
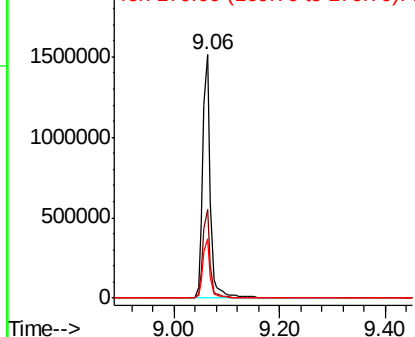


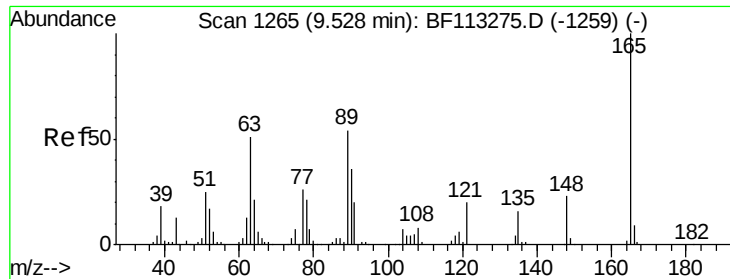
#45
 2-Fluorobiphenyl
 Concen: 92.146 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113444.D
 Acq: 30 Mar 2019 6:52

Tgt Ion:172 Resp: 1528655
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.4 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

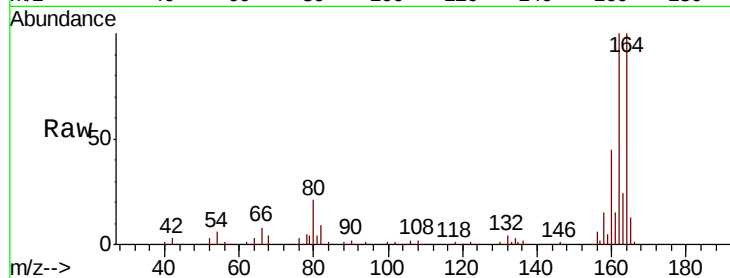




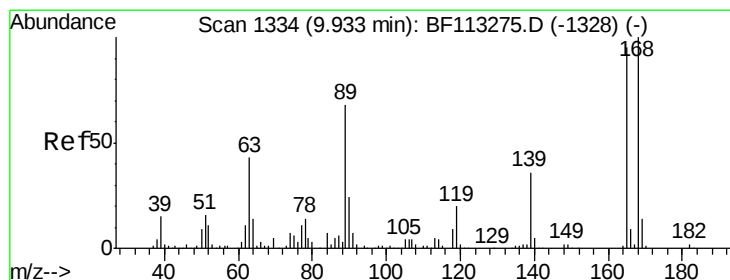
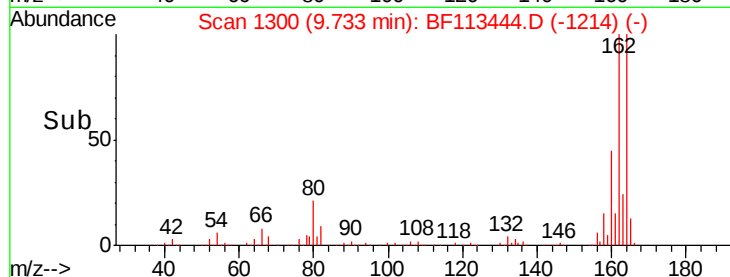
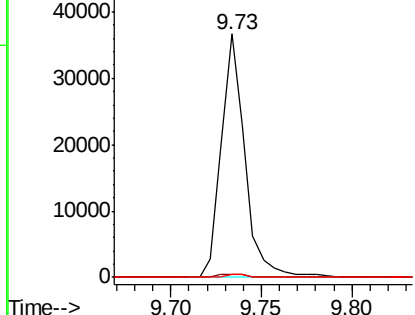
#51
2,6-Dinitrotoluene
Concen: 7.538 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
S6B(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.4	43.1	64.7#

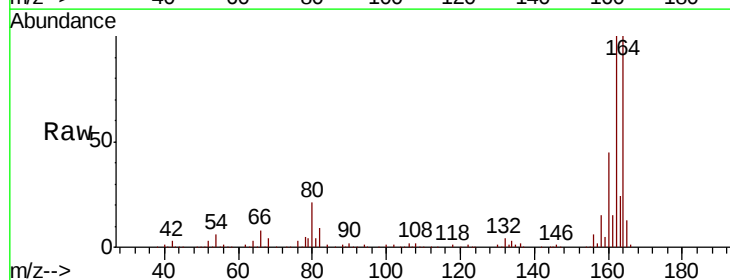


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

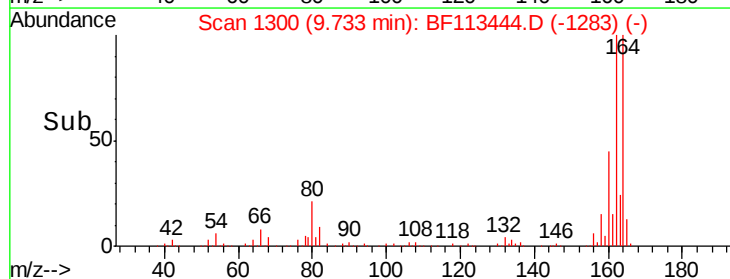
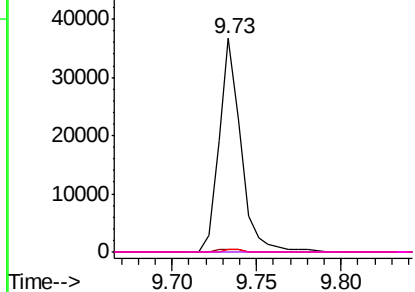


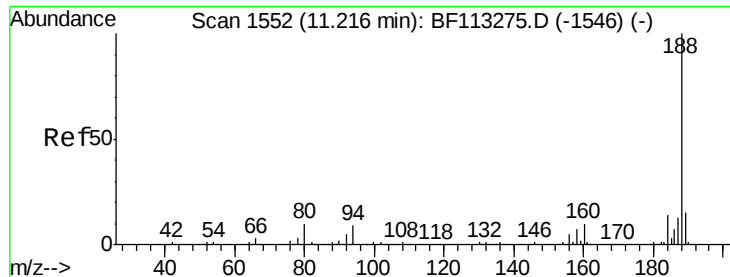
#57
2,4-Dinitrotoluene
Concen: 5.927 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.4	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

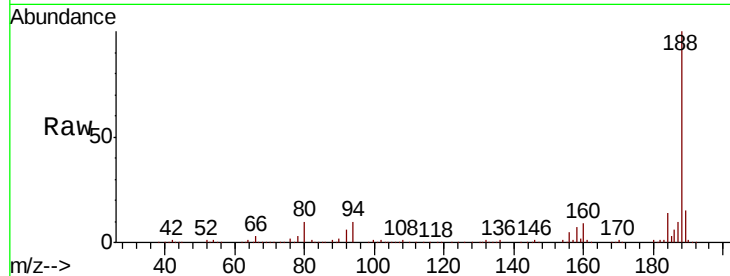




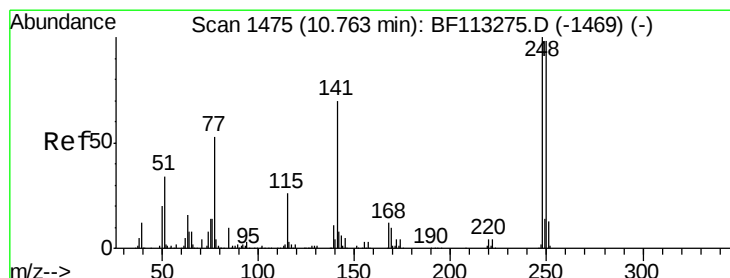
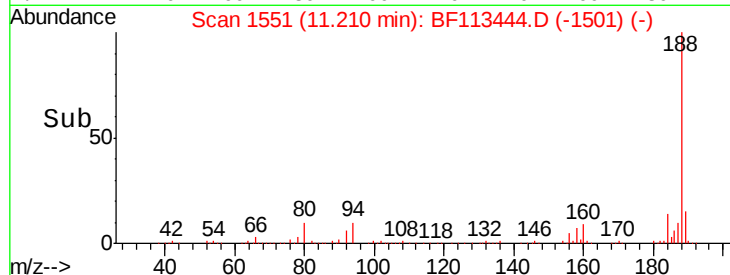
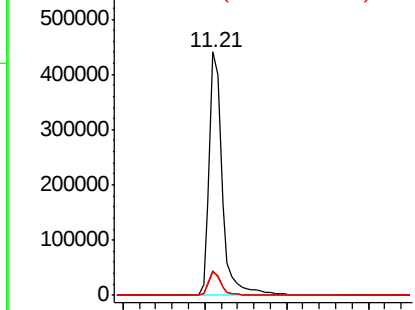
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
S6B(12-20)COMP

Tgt Ion:188 Resp: 489360
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.7 11.5

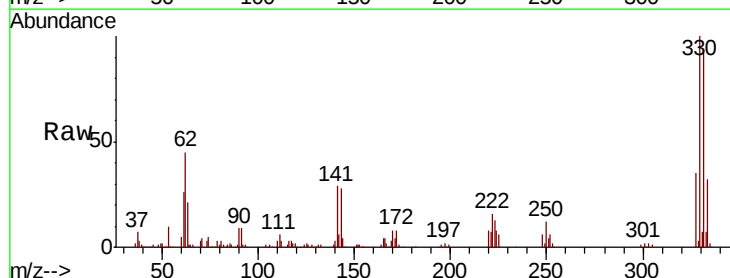


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

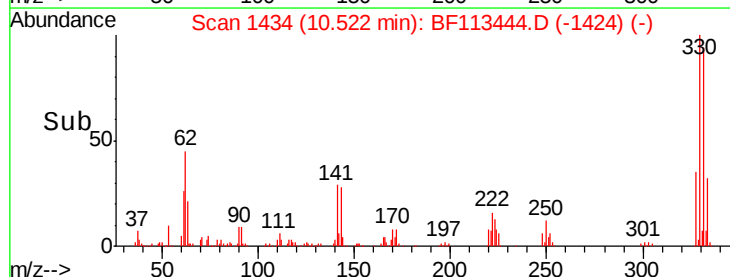
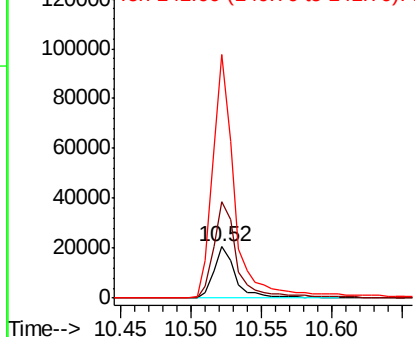


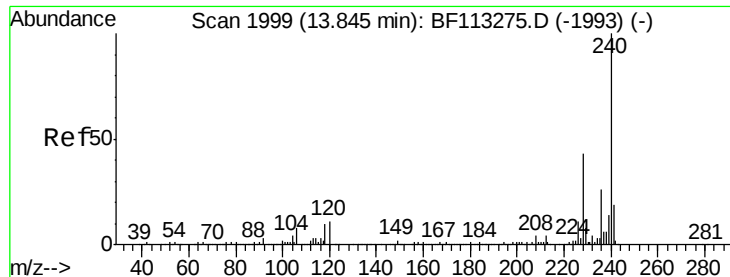
#67
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Tgt Ion:248 Resp: 22551
Ion Ratio Lower Upper
248 100
250 188.3 78.3 117.5#
141 476.0 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

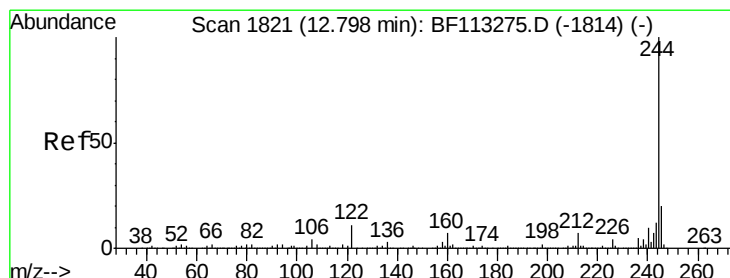
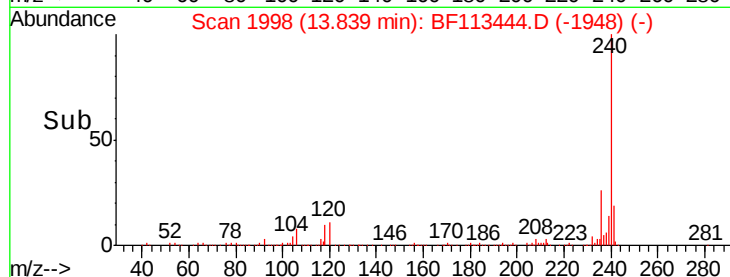
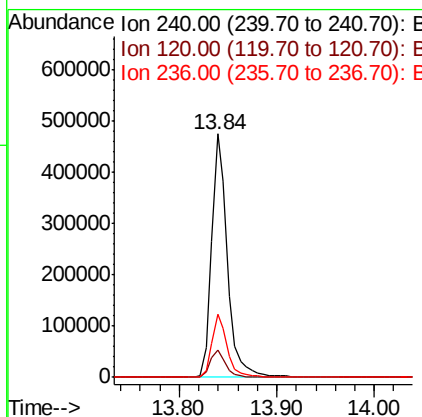
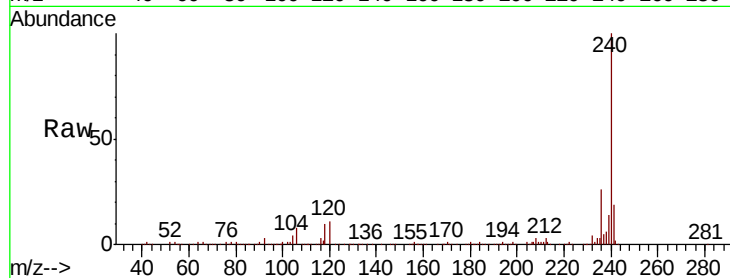




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

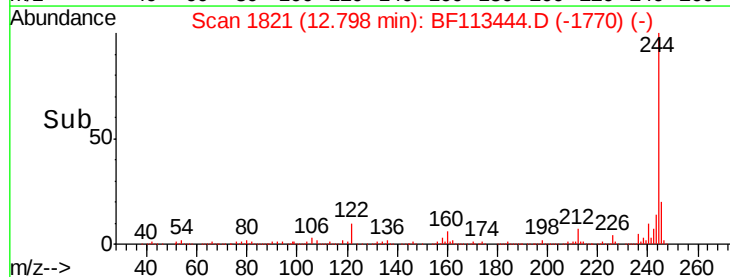
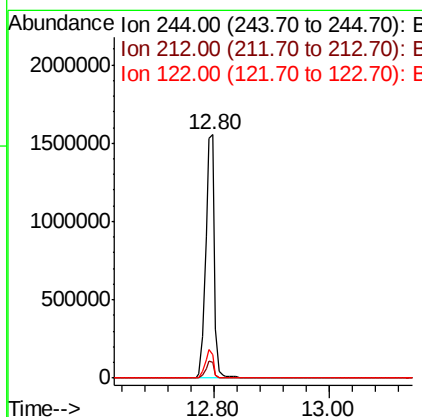
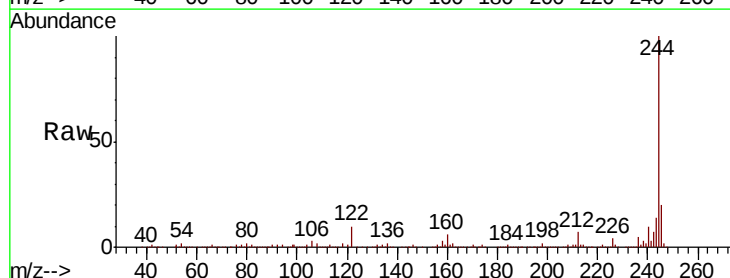
Instrument :
BNA_F
ClientSampleId :
S6B(12-20)COMP

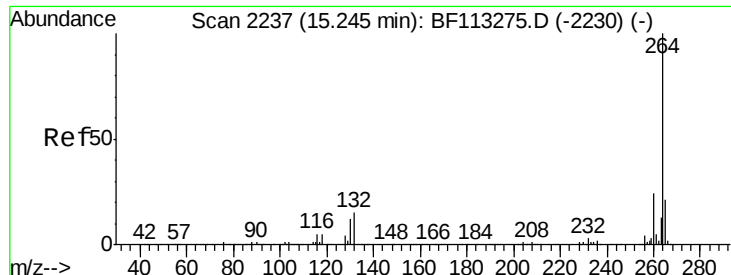
Tgt Ion:240 Resp: 532737
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 69.530 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Tgt Ion:244 Resp: 1680497
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 9.7 8.6 13.0

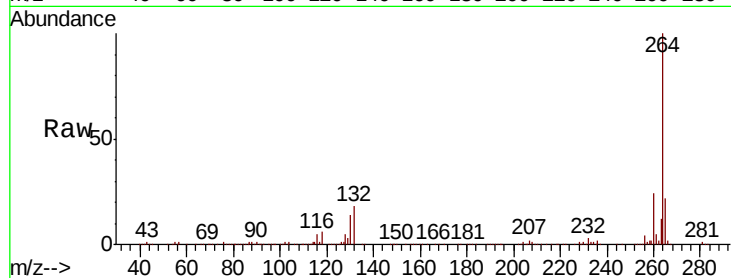




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
S6B(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.4	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

