

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113440.D
 Acq On : 30 Mar 2019 4:59
 Operator : JU/SJ
 Sample : K2138-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 06:20:27 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

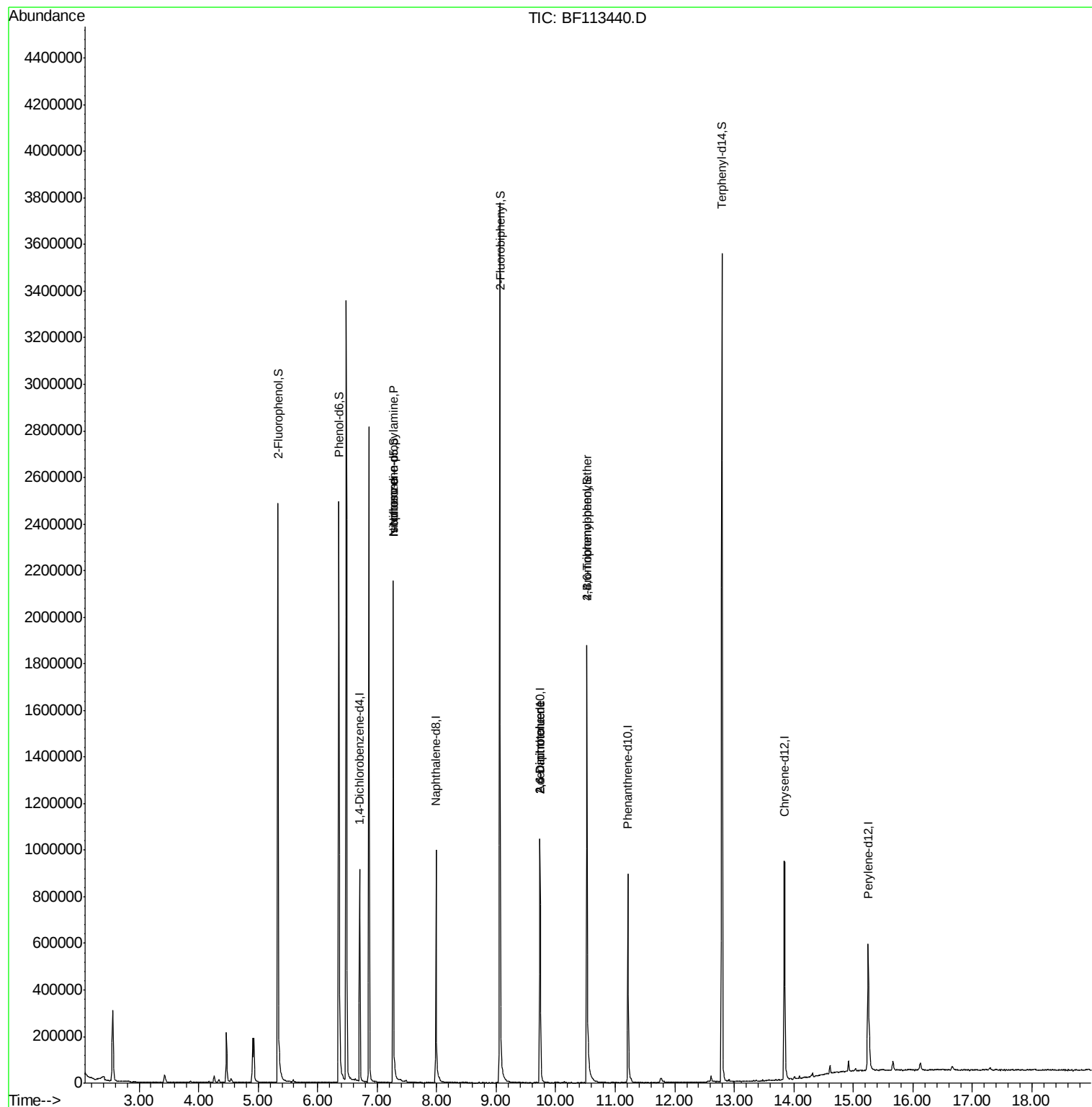
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	141283	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	520341	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	230140	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	403580	20.00	ng	0.00
76) Chrysene-d12	13.85	240	421920	20.00	ng	0.00
87) Perylene-d12	15.24	264	326362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	852066	98.61	ng	0.02
7) Phenol-d6	6.36	99	989932	90.56	ng	0.00
23) Nitrobenzene-d5	7.27	82	712627	81.29	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	328139	115.43	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1332323	92.24	ng	0.00
79) Terphenyl-d14	12.79	244	1324113	69.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	91899	13.385	ng	# 76
25) Isophorone	7.27	82	709481	41.760	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	28710	7.462	ng	# 25
57) 2,4-Dinitrotoluene	9.73	165	28710	5.868	ng	# 22
67) 4-Bromophenyl-phenylether	10.52	248	17144	3.898	ng	# 1

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

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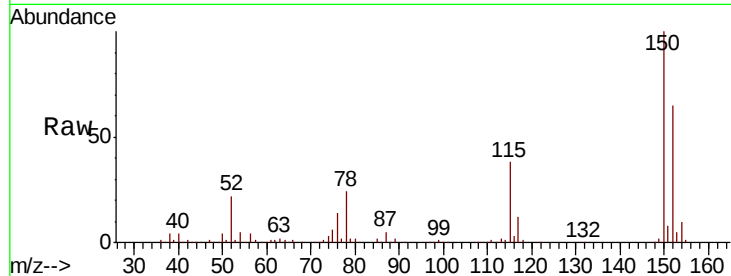


#1

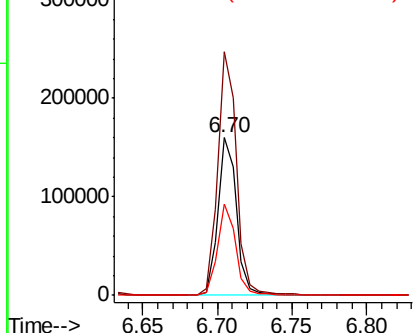
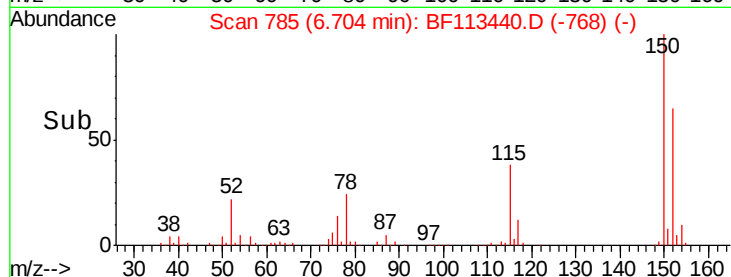
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113440.D
Acq: 30 Mar 2019 4:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141283
Ion Ratio Lower Upper
152 100
150 154.5 124.7 187.1
115 58.3 46.0 69.0



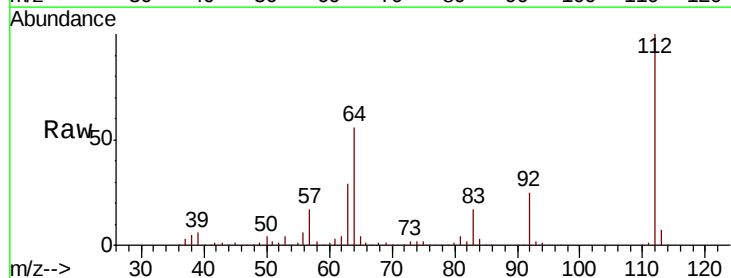
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



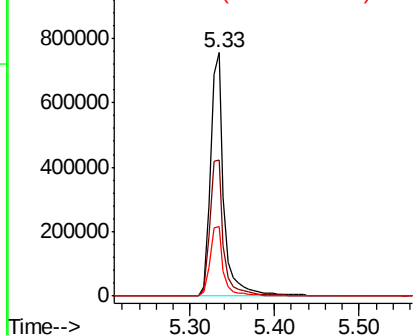
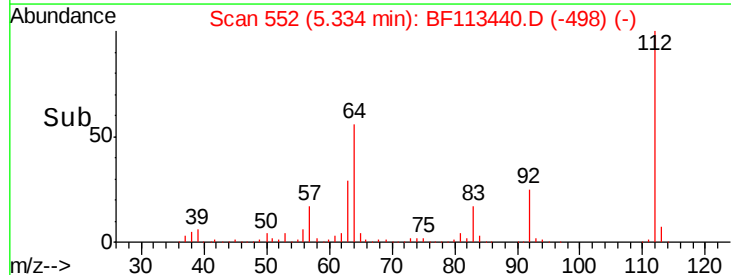
#5

2-Fluorophenol
Concen: 98.613 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113440.D
Acq: 30 Mar 2019 4:59

Tgt Ion:112 Resp: 852066
Ion Ratio Lower Upper
112 100
64 56.1 49.2 73.8
63 28.5 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: 90.564 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

Instrument :

BNA_F

ClientSampleId :

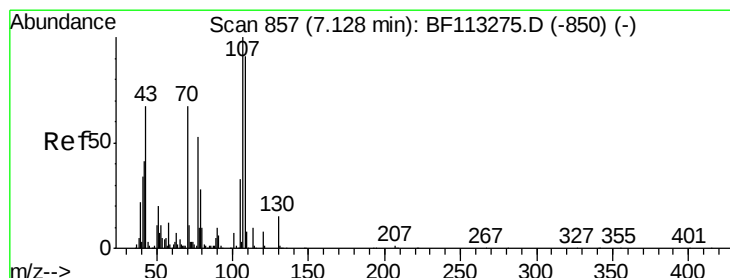
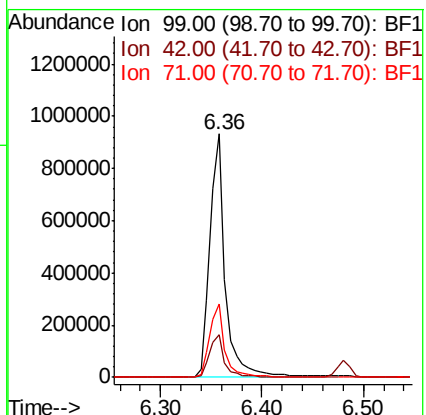
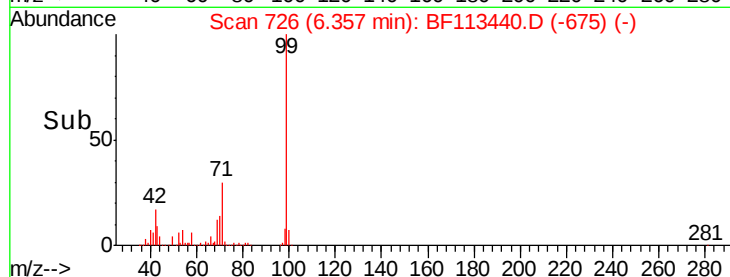
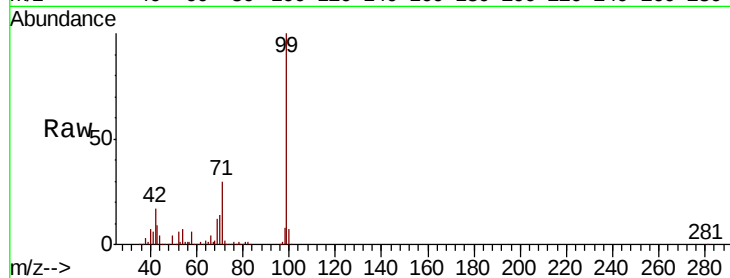
Tgt Ion: 99 Resp: 989932

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

71 30.3 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.385 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

Tgt Ion: 70 Resp: 91899

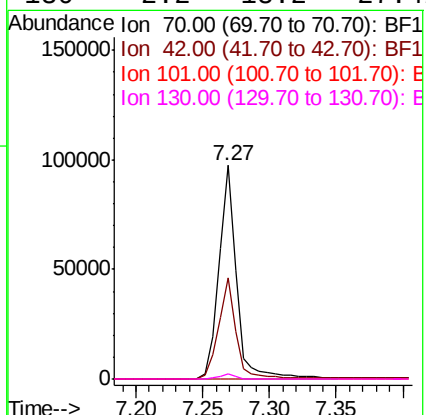
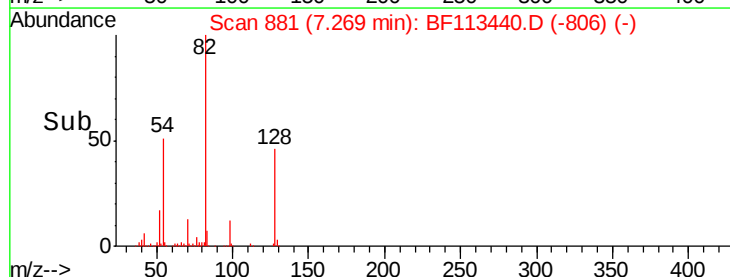
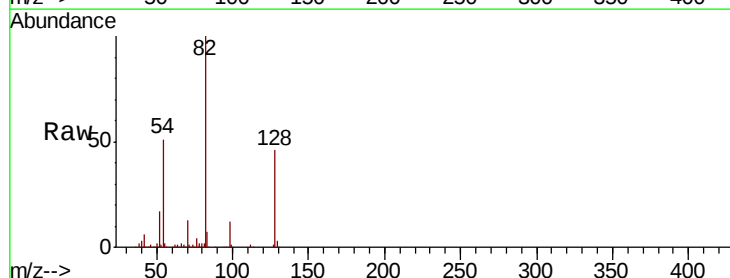
Ion Ratio Lower Upper

70 100

42 47.5 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 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: BF113440.D

Acq: 30 Mar 2019 4:59

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 136 Resp: 520341

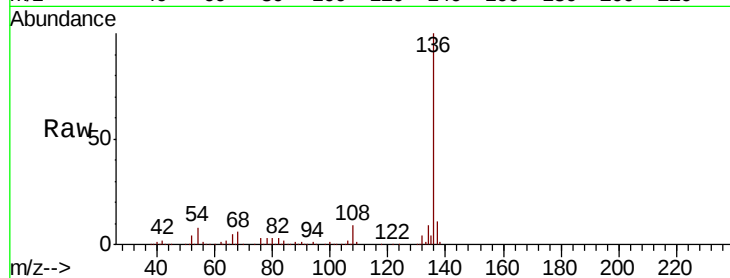
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 7.0 10.6

68 6.2 4.8 7.2

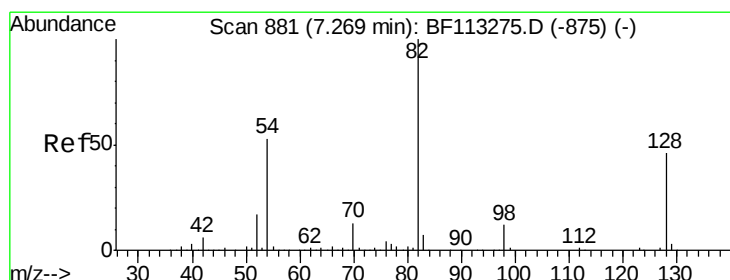
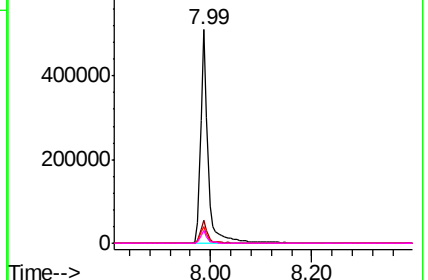
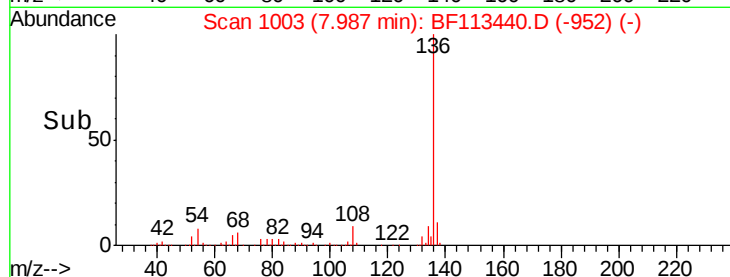


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.288 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

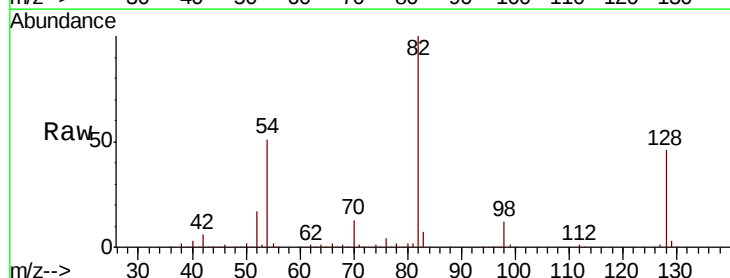
Tgt Ion: 82 Resp: 712627

Ion Ratio Lower Upper

82 100

128 46.4 36.5 54.7

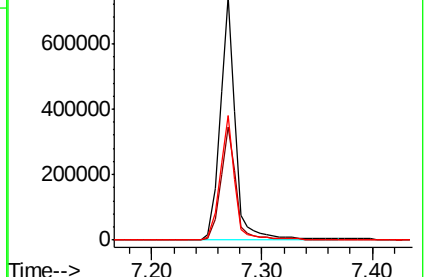
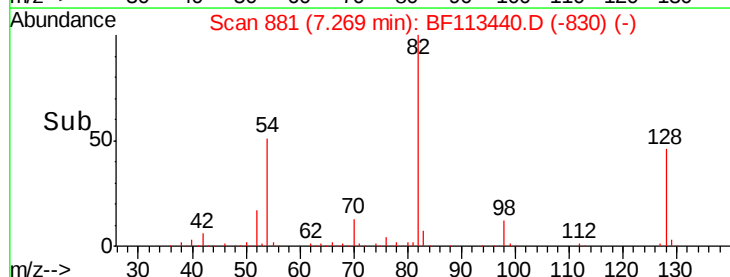
54 51.4 42.2 63.2

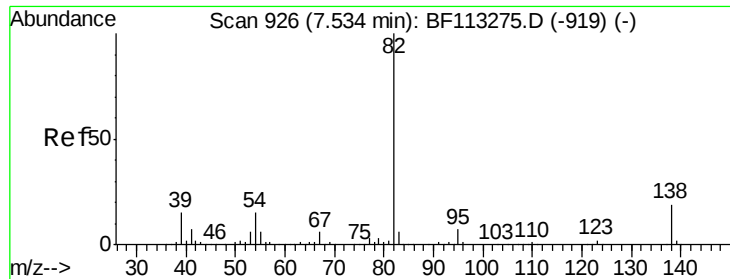


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

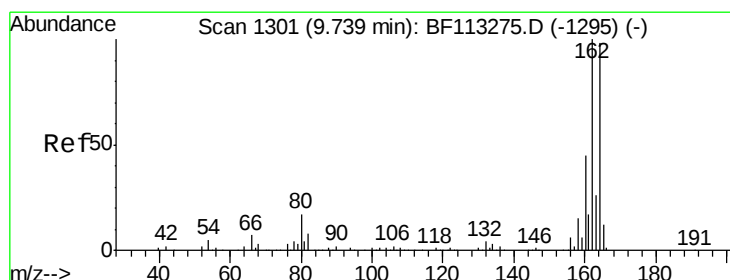
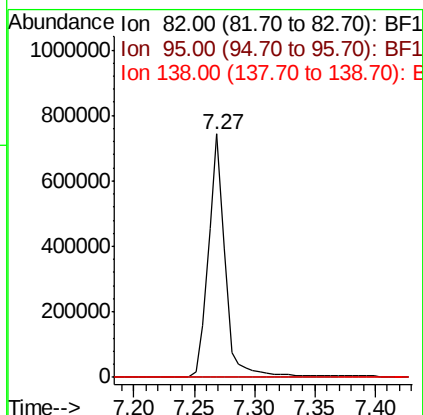
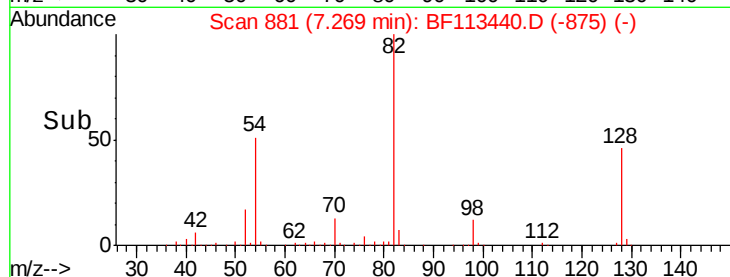
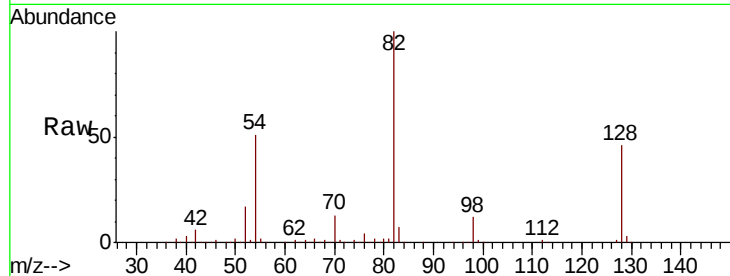




#25
Isophorone
Concen: 41.760 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113440.D
Acq: 30 Mar 2019 4:59

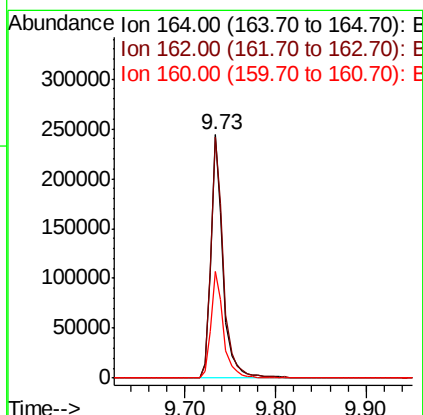
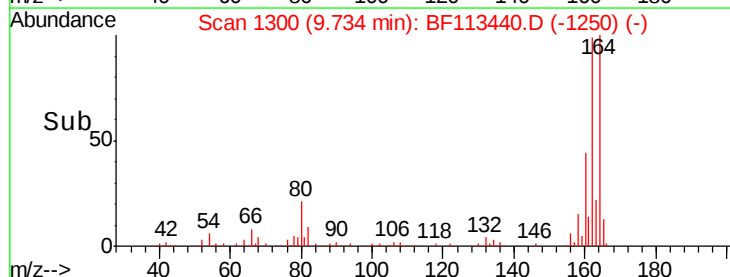
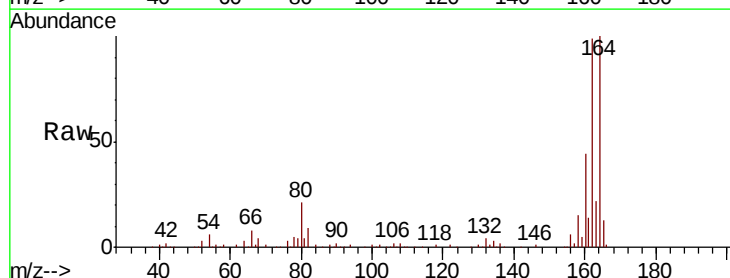
Instrument :
BNA_F
ClientSampled :

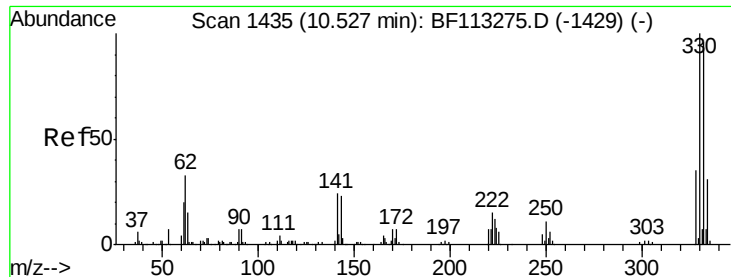
Tgt Ion: 82 Resp: 709481
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113440.D
Acq: 30 Mar 2019 4:59

Tgt Ion: 164 Resp: 230140
Ion Ratio Lower Upper
164 100
162 99.2 81.8 122.6
160 43.8 36.4 54.6

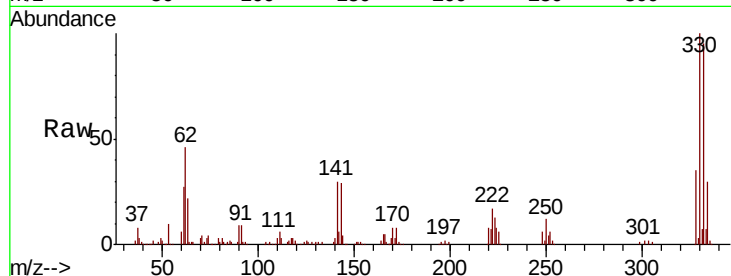




#42
 2,4,6-Tribromophenol
 Concen: 115.430 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.8	116.6
141	26.7	22.7	34.1

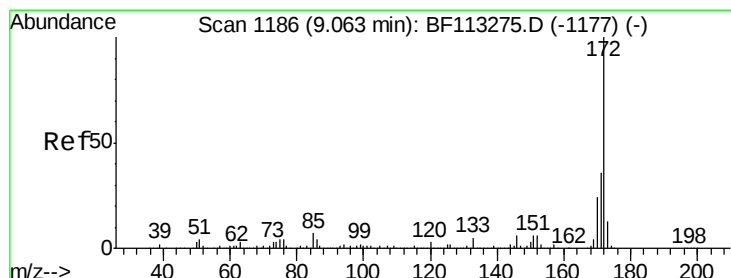
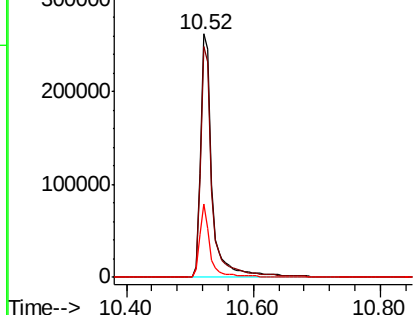
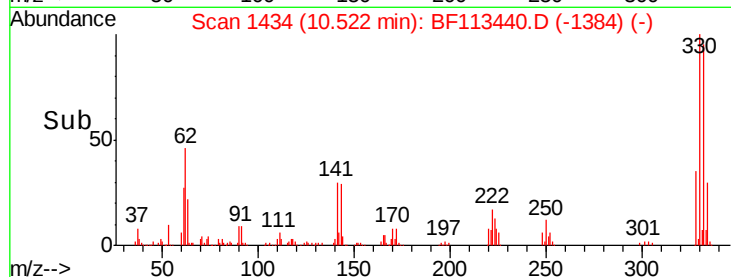


Abundance

Ion 329.80 (329.50 to 330.50): E

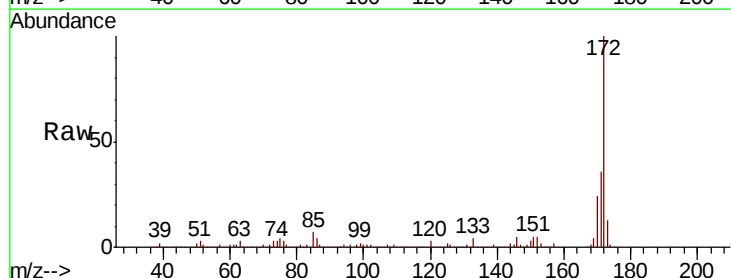
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.239 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.5	29.3

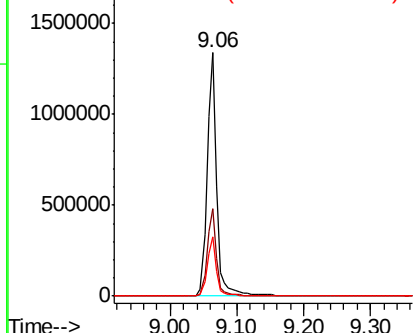
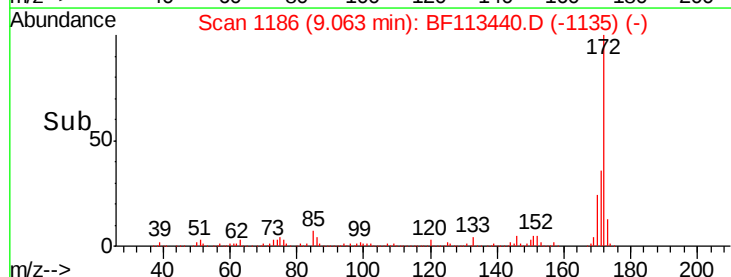


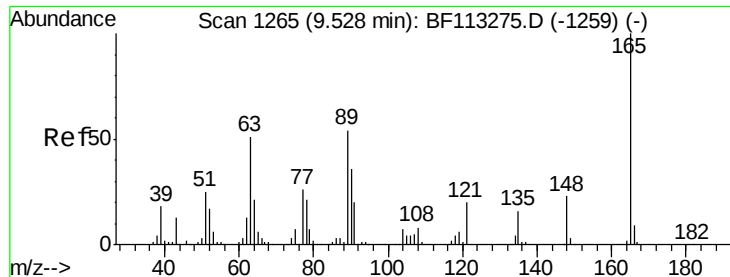
Abundance

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

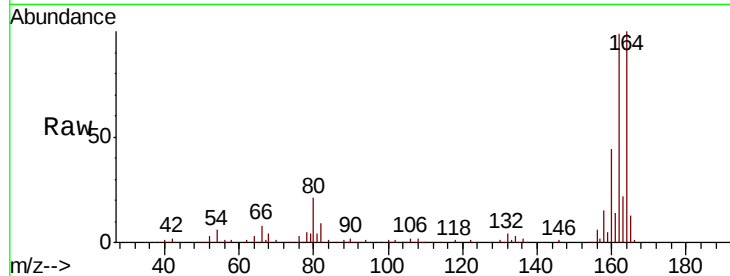




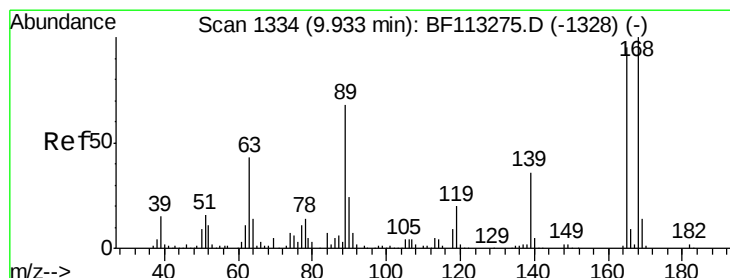
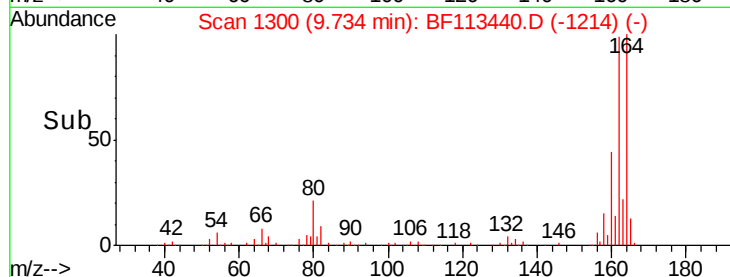
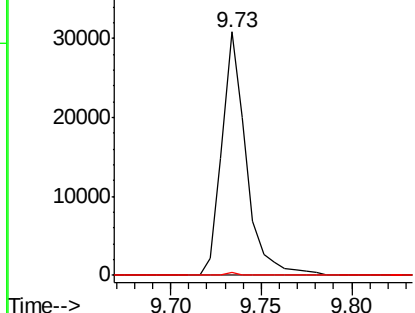
#51
 2,6-Dinitrotoluene
 Concen: 7.462 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	1.3	43.1	64.7#



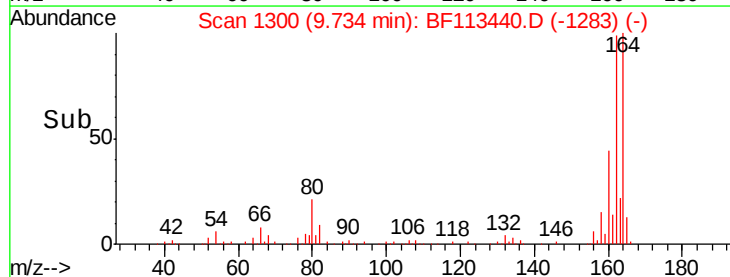
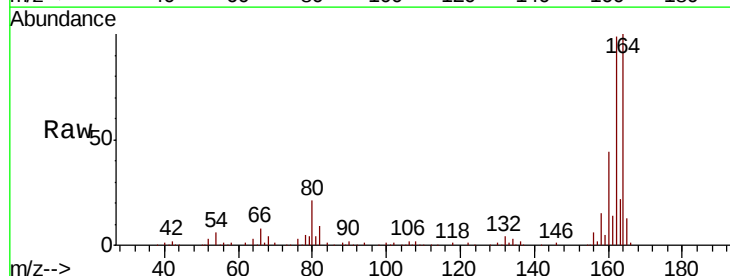
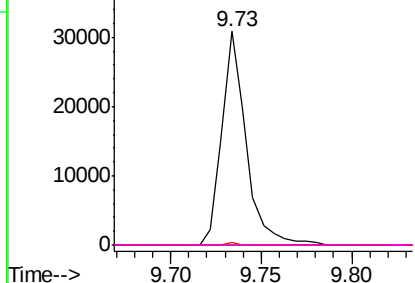
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

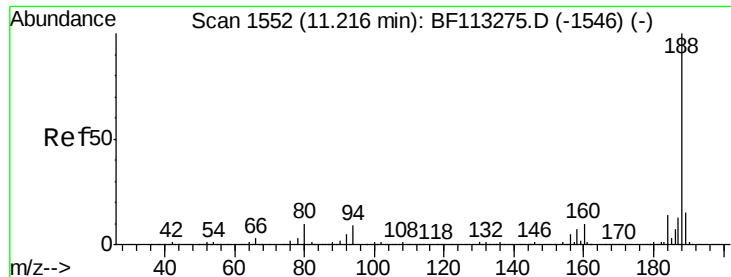


#57
 2,4-Dinitrotoluene
 Concen: 5.868 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.5	56.3#
89	1.3	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

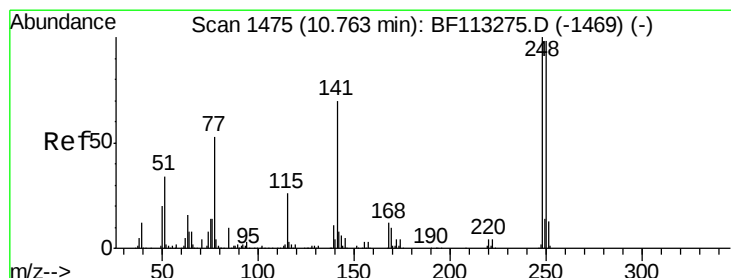
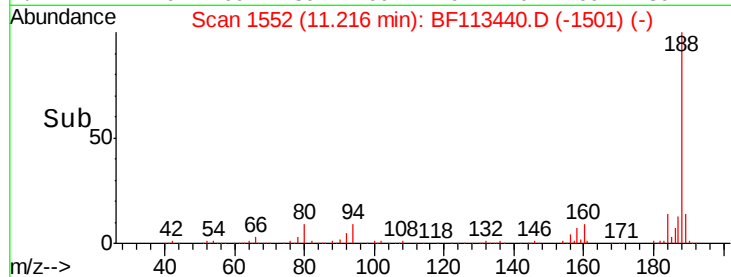
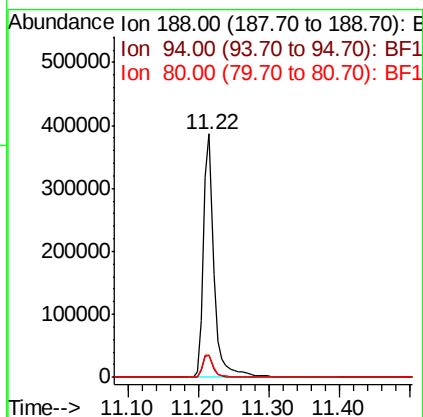
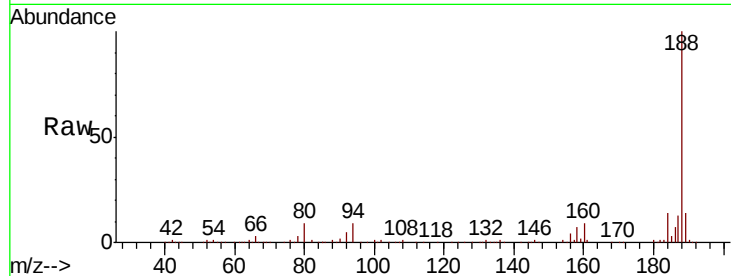




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113440.D
Acq: 30 Mar 2019 4:59

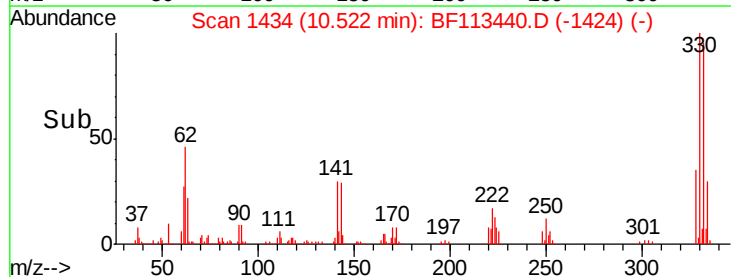
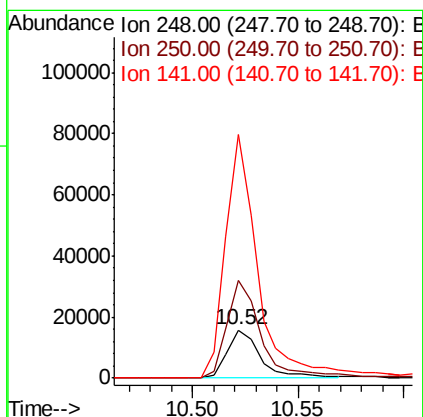
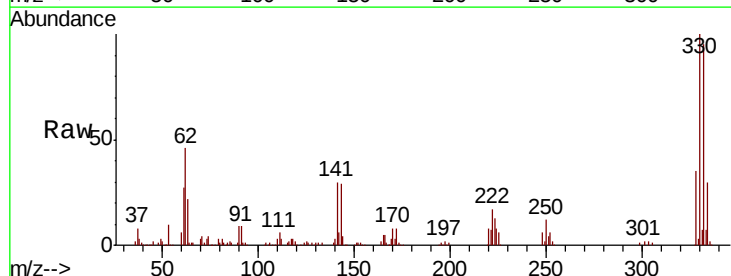
Instrument :
BNA_F
ClientSampled :

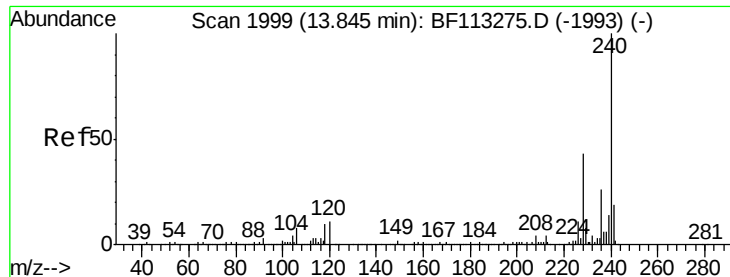
Tgt Ion:188 Resp: 403580
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.0 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.898 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113440.D
Acq: 30 Mar 2019 4:59

Tgt Ion:248 Resp: 17144
Ion Ratio Lower Upper
248 100
250 202.4 78.3 117.5#
141 505.4 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

Instrument :

BNA_F

ClientSampleId :

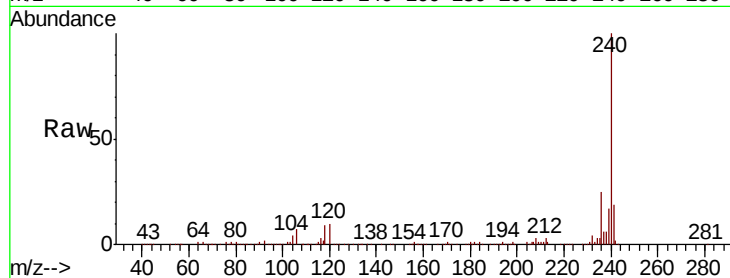
Tgt Ion:240 Resp: 421920

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

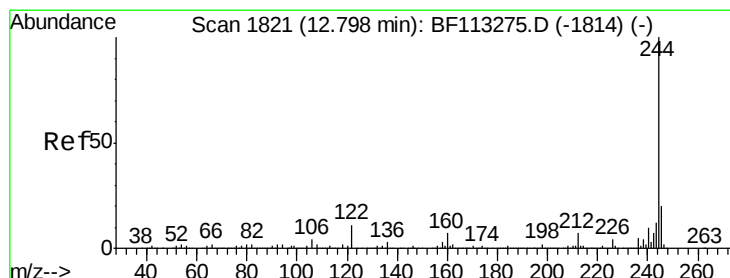
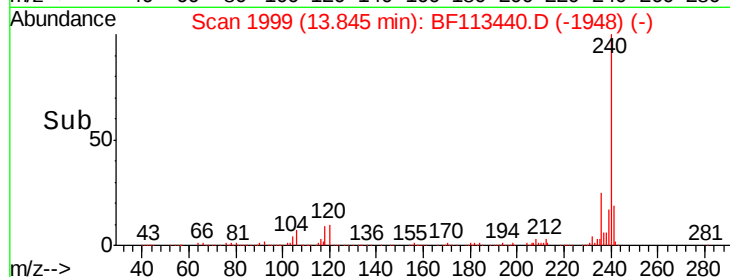
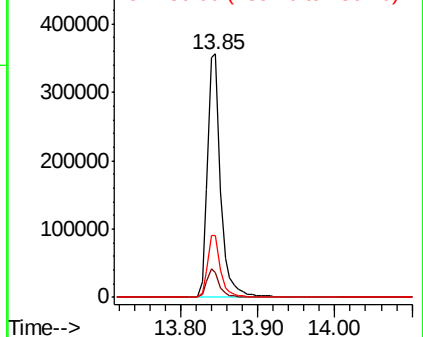
236 25.3 20.9 31.3



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: 69.173 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

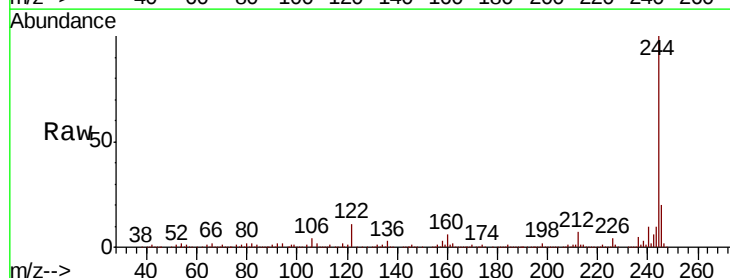
Tgt Ion:244 Resp: 1324113

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

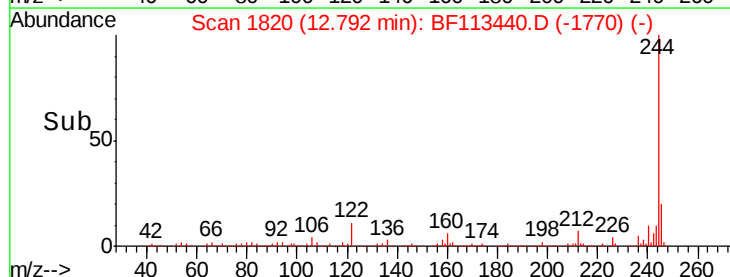
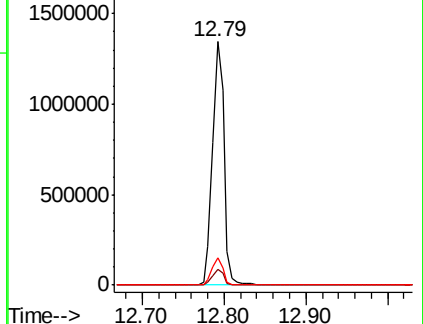
122 11.3 8.6 13.0

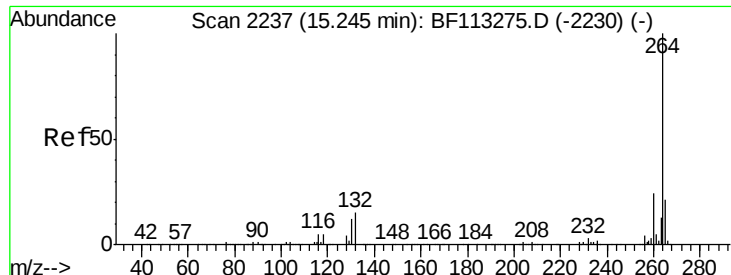


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF113440.D
Acq: 30 Mar 2019 4:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	264	Resp:	326362
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.9	17.1	25.7

