

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113485.D
 Acq On : 2 Apr 2019 2:26
 Operator : JU/SJ
 Sample : K2177-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 04:24:28 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

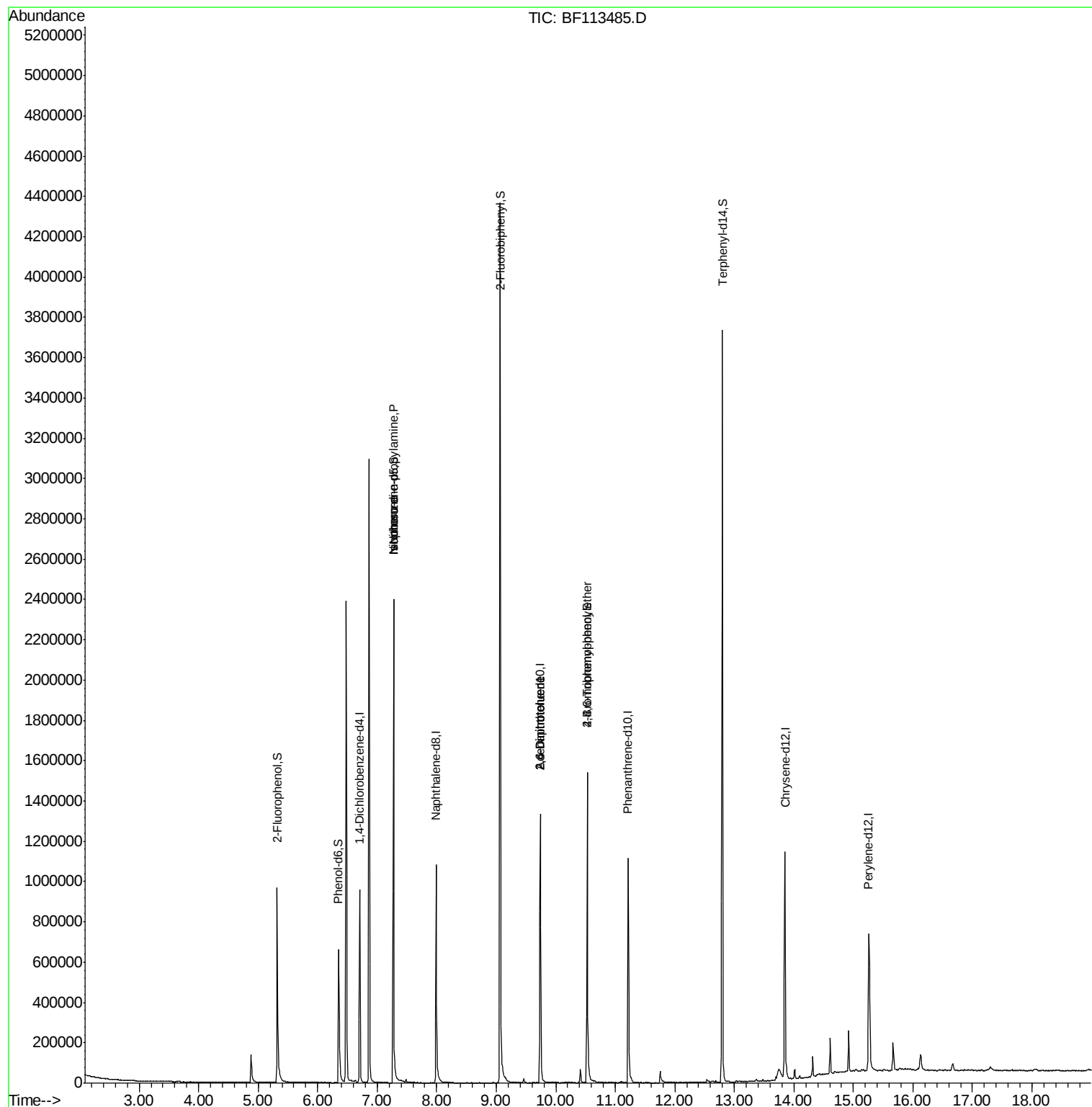
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	160942	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	621126	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	292935	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	534652	20.00	ng	0.00
76) Chrysene-d12	13.85	240	501616	20.00	ng	0.00
87) Perylene-d12	15.26	264	374718	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	353643	35.93	ng	0.00
7) Phenol-d6	6.35	99	287634	23.10	ng	0.00
23) Nitrobenzene-d5	7.27	82	865651	82.72	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	253633	70.10	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1613932	86.71	ng	0.00
79) Terphenyl-d14	12.80	244	1494069	65.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	108829	13.914	ng	# 76
25) Isophorone	7.27	82	851482	41.986	ng	# 64
51) 2,6-Dinitrotoluene	9.74	165	36668	7.487	ng	# 26
57) 2,4-Dinitrotoluene	9.74	165	36663	5.887	ng	# 23
67) 4-Bromophenyl-phenylether	10.53	248	14097	2.419	ng	# 1

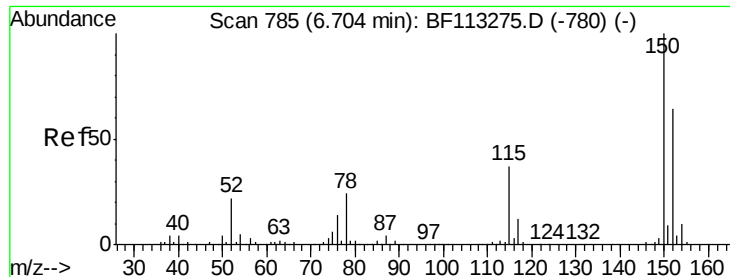
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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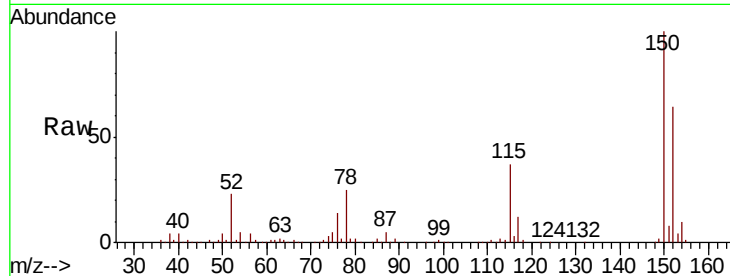


#1

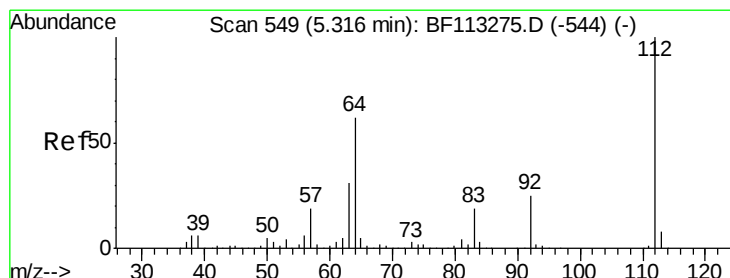
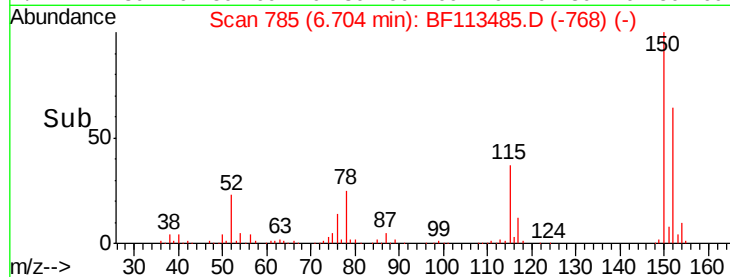
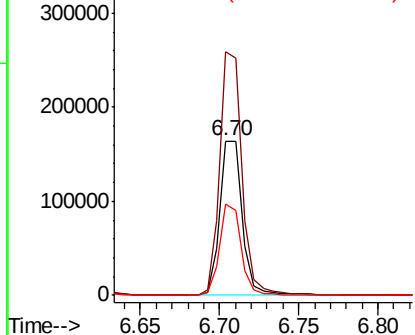
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113485.D
Acq: 2 Apr 2019 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.7	187.1
115	59.0	46.0	69.0



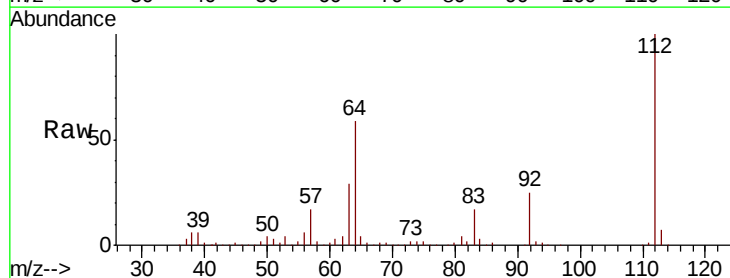
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



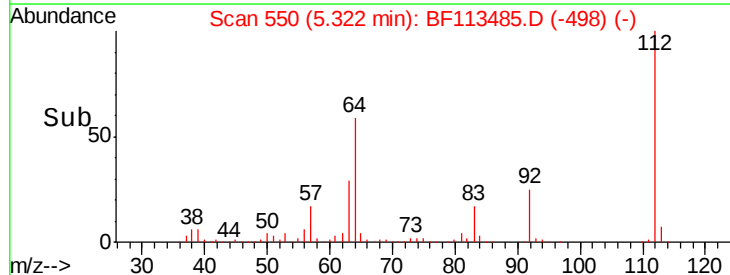
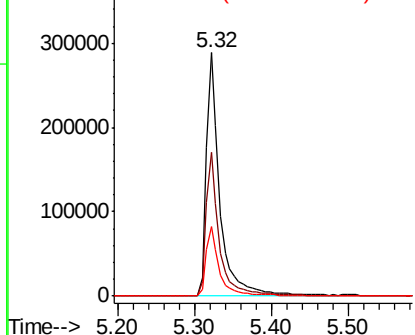
#5

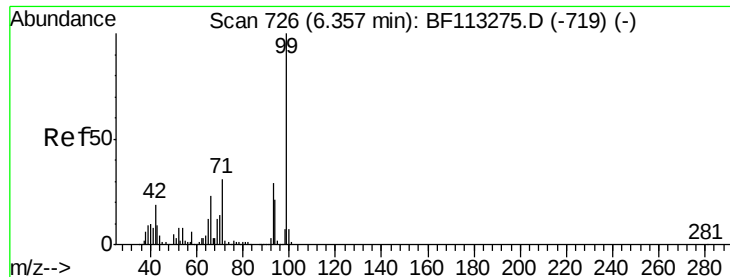
2-Fluorophenol
Concen: 35.929 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113485.D
Acq: 2 Apr 2019 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.2	73.8
63	28.6	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: 23.100 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113485.D

Acq: 2 Apr 2019 2:26

Instrument :

BNA_F

ClientSampleId :

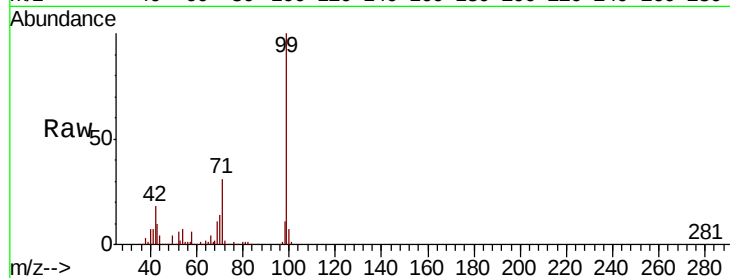
Tgt Ion: 99 Resp: 287634

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

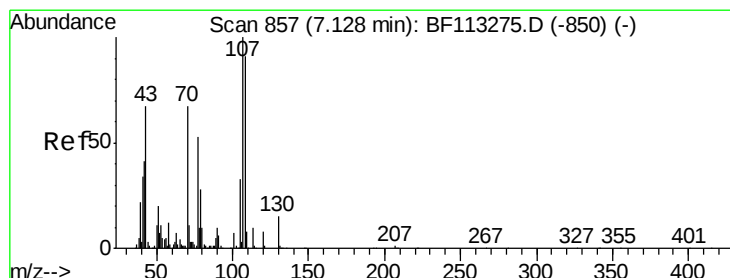
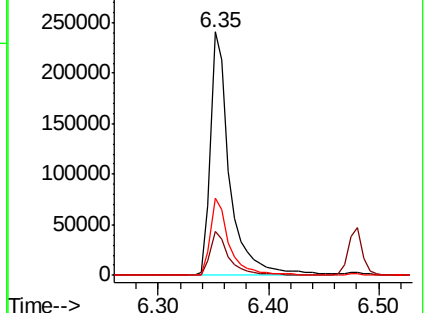
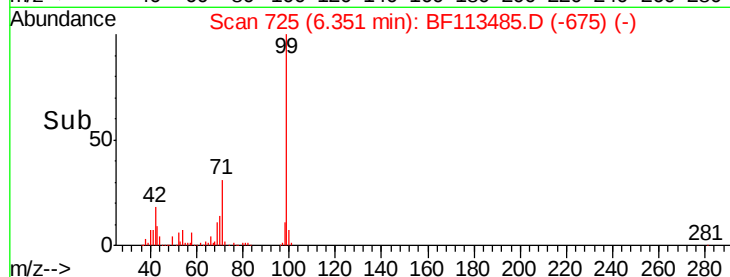
71 31.5 24.9 37.3



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: 13.914 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF113485.D

Acq: 2 Apr 2019 2:26

Tgt Ion: 70 Resp: 108829

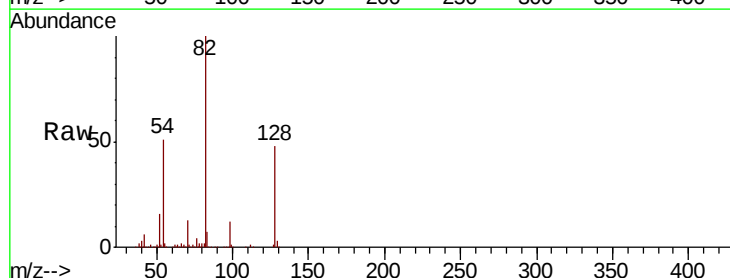
Ion Ratio Lower Upper

70 100

42 48.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

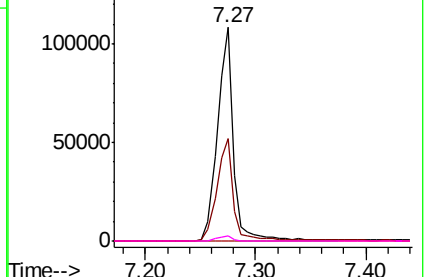
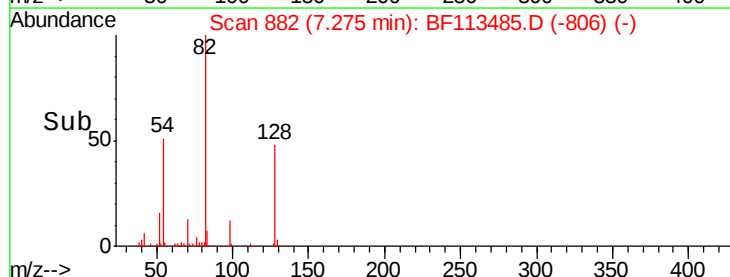


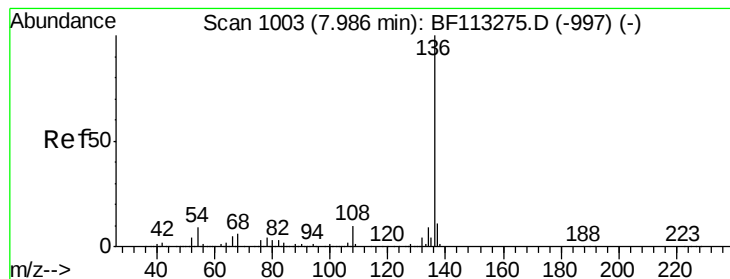
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1004

Delta R.T. 0.01 min

Lab File: BF113485.D

Acq: 2 Apr 2019 2:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 621126

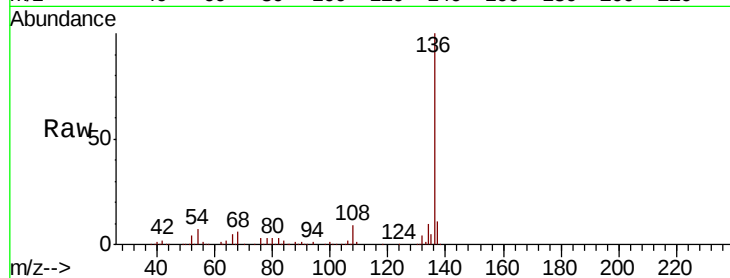
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 7.0 10.6

68 5.5 4.8 7.2

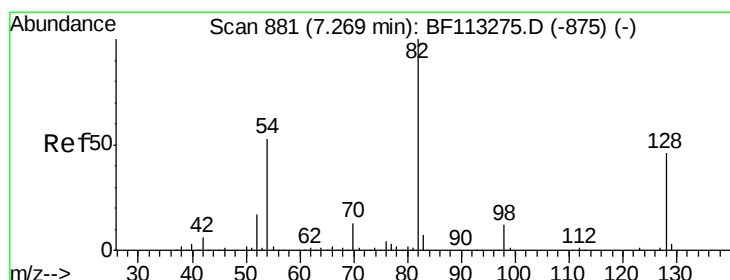
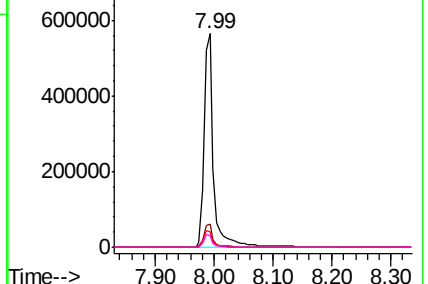
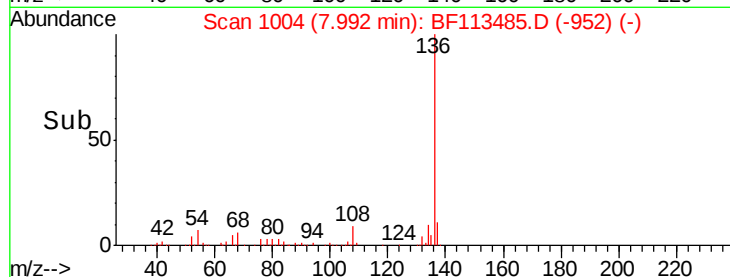


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.721 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF113485.D

Acq: 2 Apr 2019 2:26

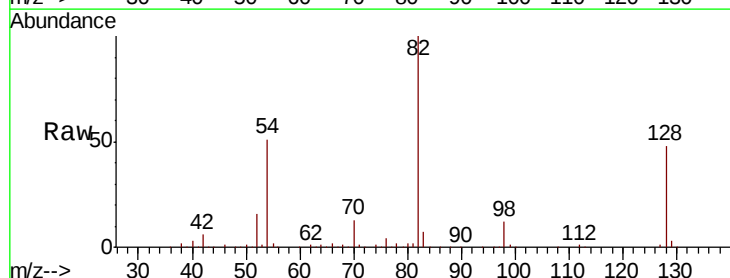
Tgt Ion: 82 Resp: 865651

Ion Ratio Lower Upper

82 100

128 48.1 36.5 54.7

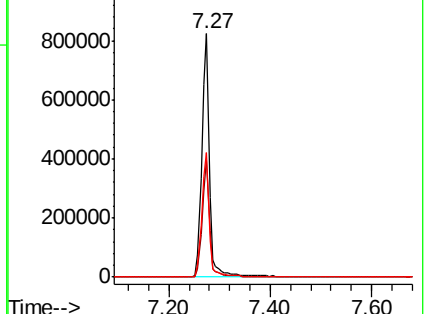
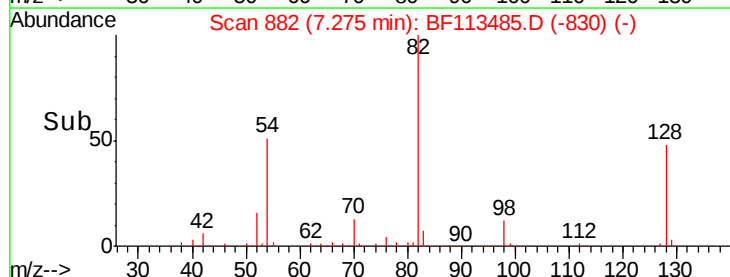
54 51.3 42.2 63.2

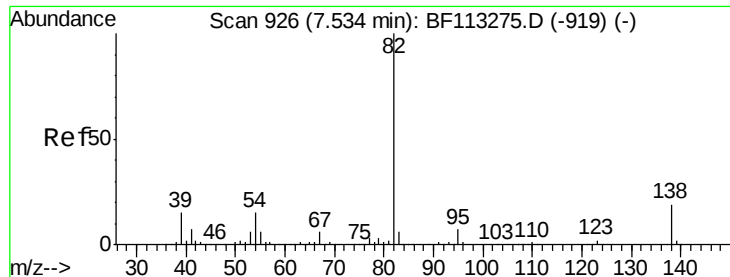


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

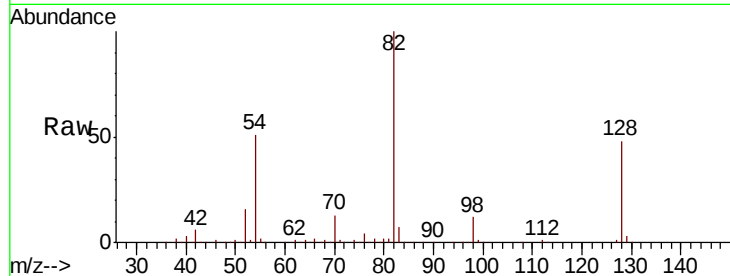




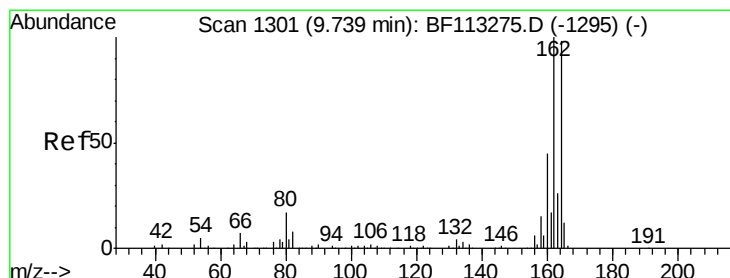
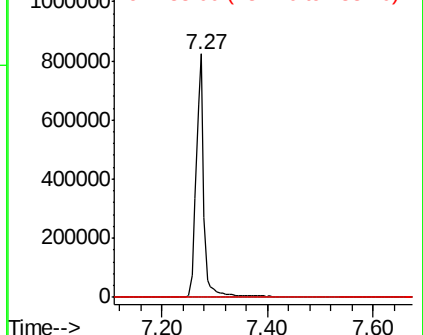
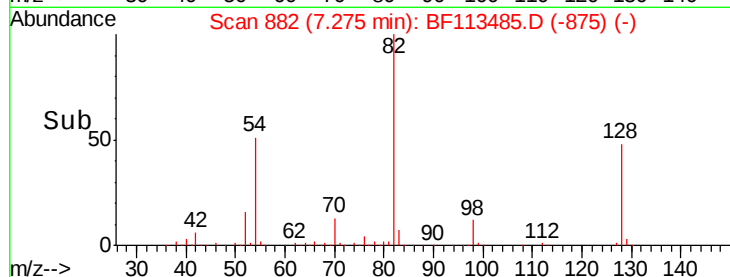
#25
Isophorone
Concen: 41.986 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF113485.D
Acq: 2 Apr 2019 2:26

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 82 Resp: 851482
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#

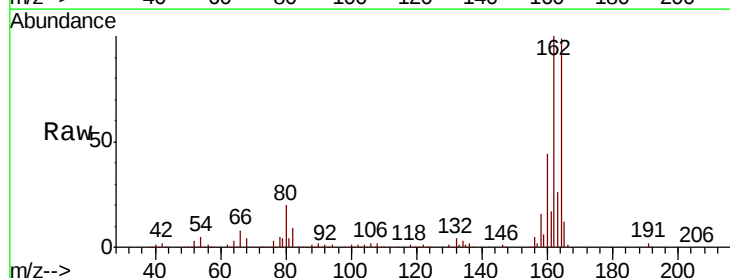


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

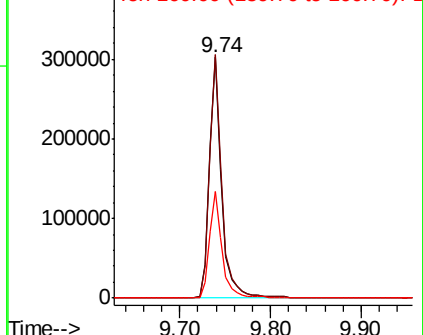
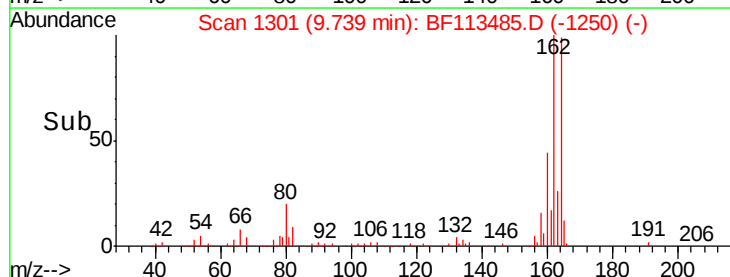


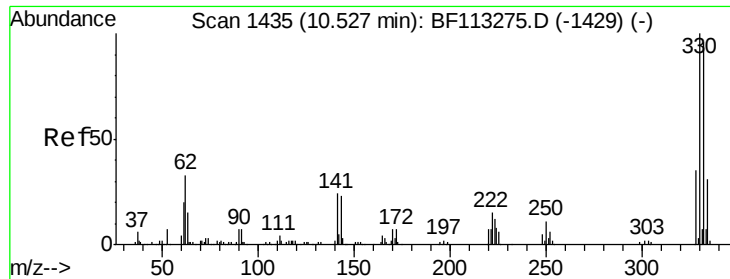
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF113485.D
Acq: 2 Apr 2019 2:26

Tgt Ion: 164 Resp: 292935
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 44.3 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

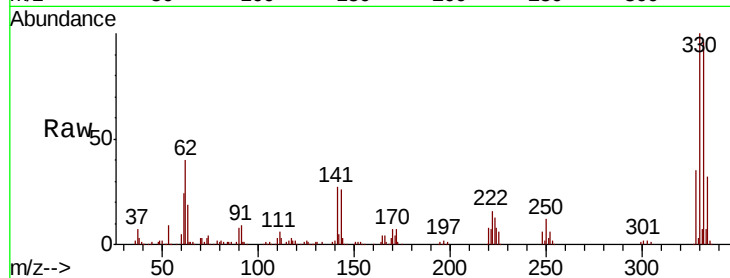




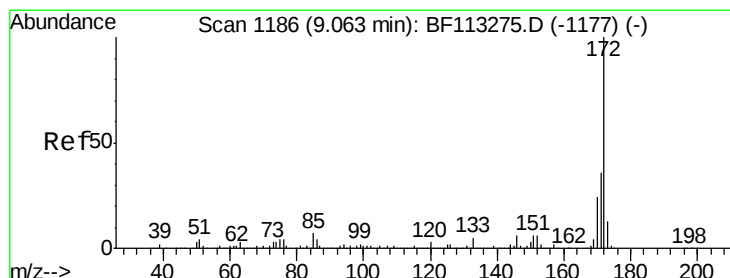
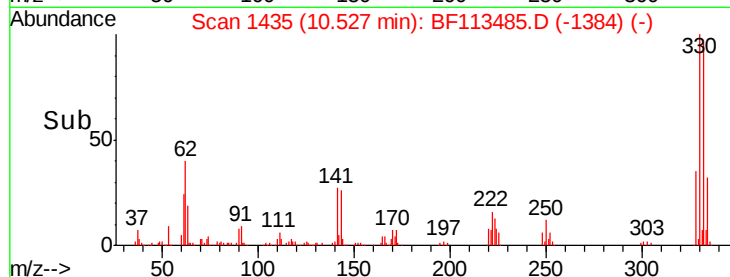
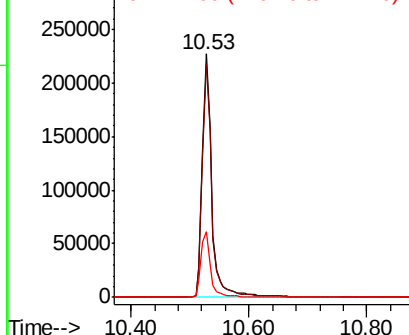
#42
 2,4,6-Tribromophenol
 Concen: 70.095 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113485.D
 Acq: 2 Apr 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 253633
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 27.7 22.7 34.1

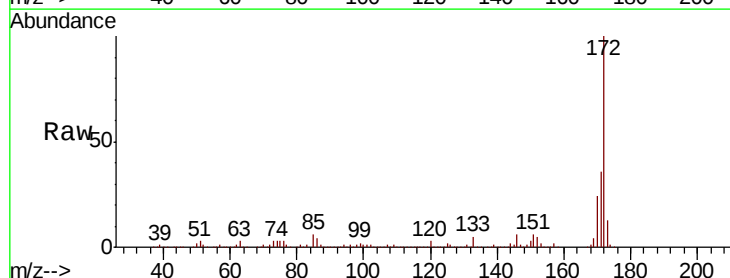


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

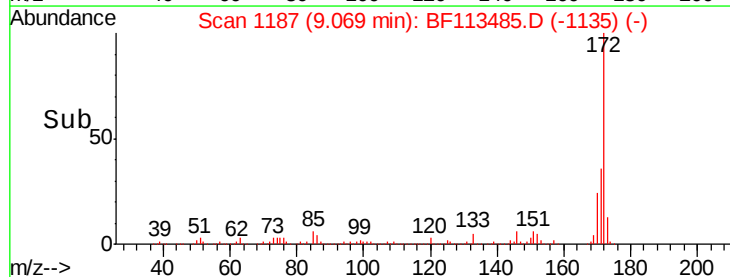
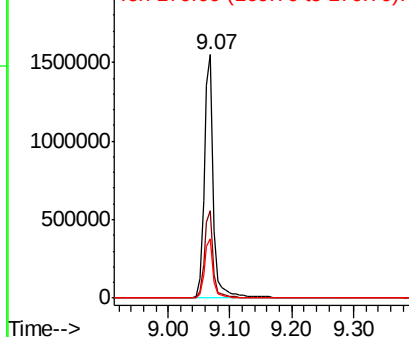


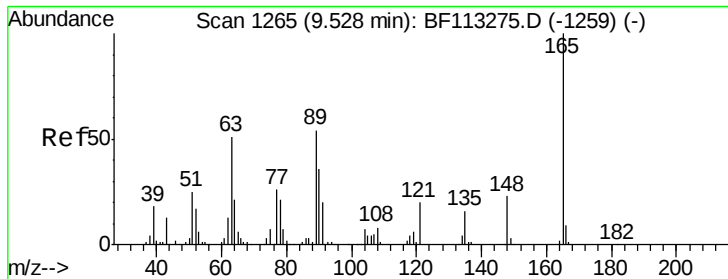
#45
 2-Fluorobiphenyl
 Concen: 86.709 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF113485.D
 Acq: 2 Apr 2019 2:26

Tgt Ion:172 Resp: 1613932
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 7.487 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.21 min

Lab File: BF113485.D

Acq: 2 Apr 2019 2:26

Instrument :

BNA_F

ClientSampleId :

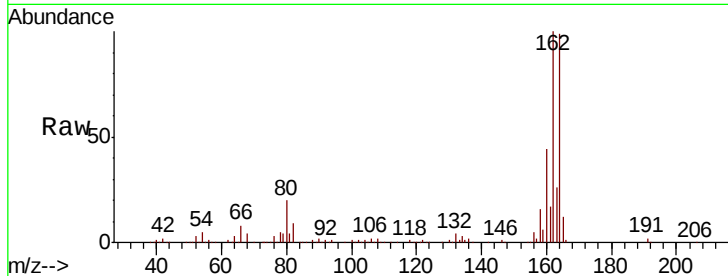
Tgt Ion:165 Resp: 36668

Ion Ratio Lower Upper

165 100

63 0.9 43.4 65.0#

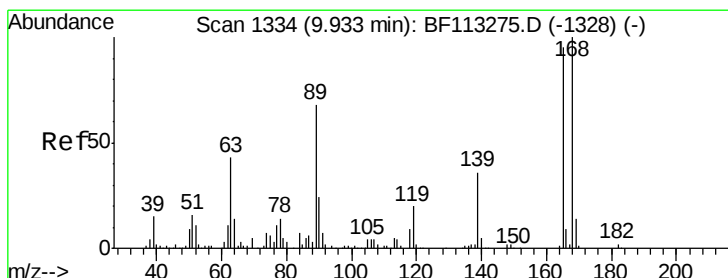
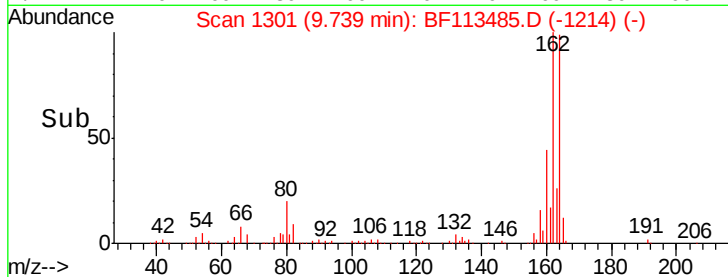
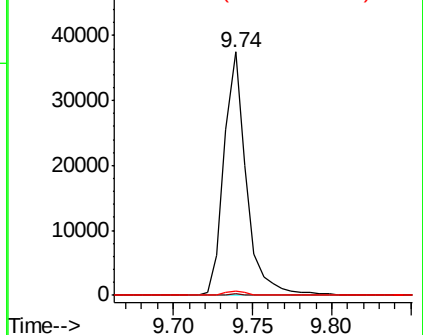
89 1.7 43.1 64.7#



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: 5.887 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.19 min

Lab File: BF113485.D

Acq: 2 Apr 2019 2:26

Tgt Ion:165 Resp: 36663

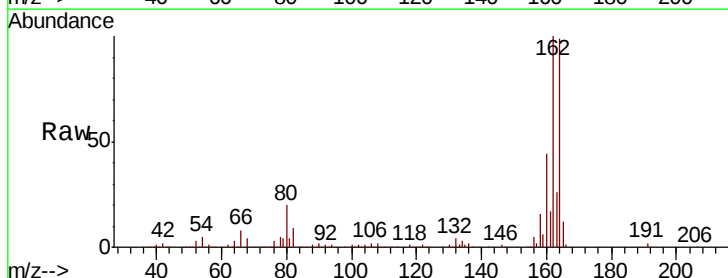
Ion Ratio Lower Upper

165 100

63 0.9 37.5 56.3#

89 1.7 57.4 86.2#

182 0.0 2.0 3.0#

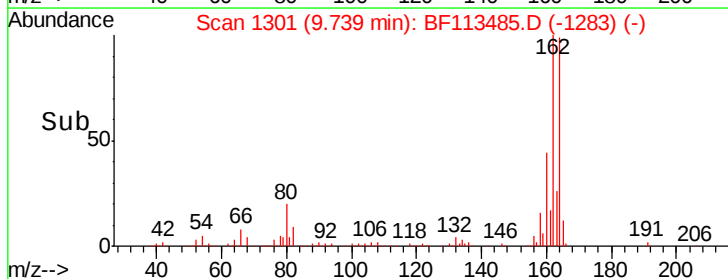
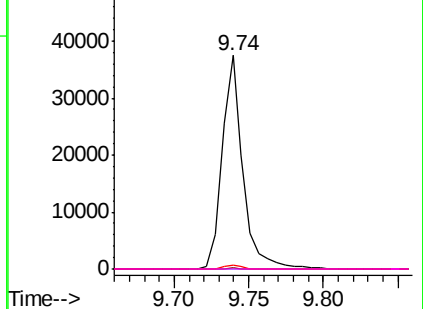


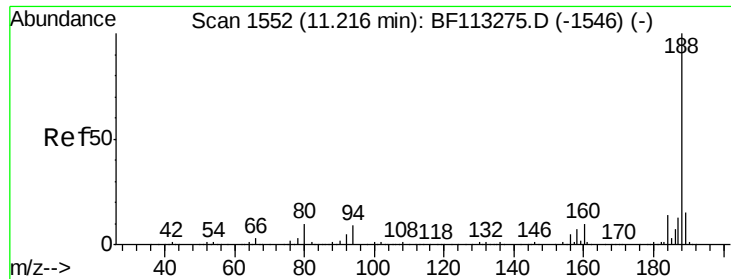
Abundance Ion 165.00 (164.70 to 165.70): E

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

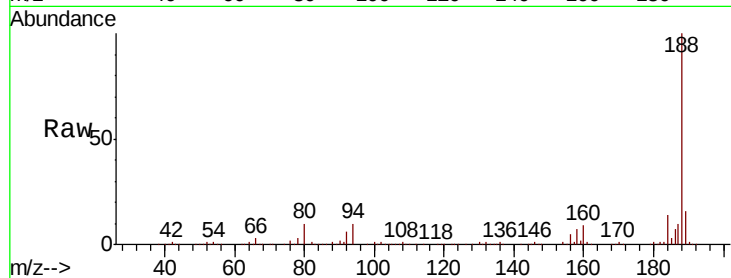




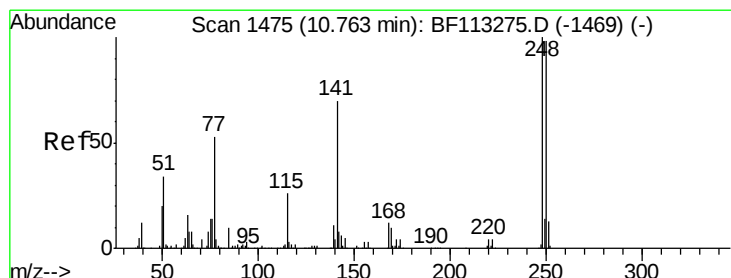
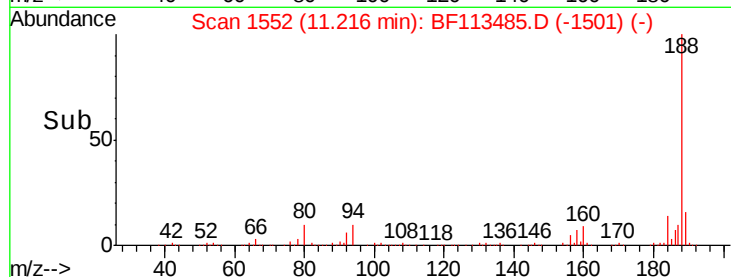
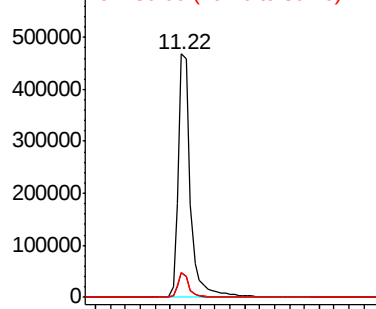
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF113485.D
 Acq: 2 Apr 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:188 Resp: 534652
 Ion Ratio Lower Upper
 188 100
 94 10.1 7.0 10.6
 80 10.4 7.7 11.5

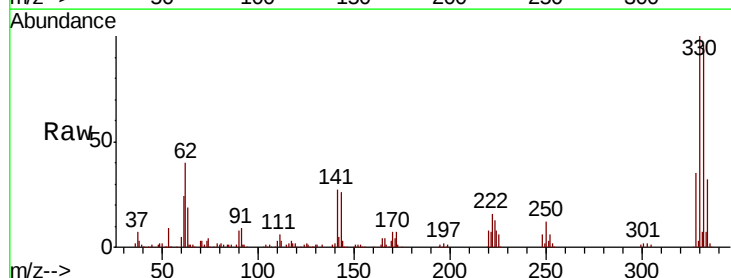


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

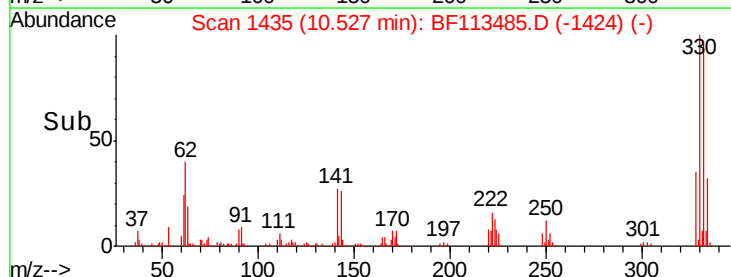
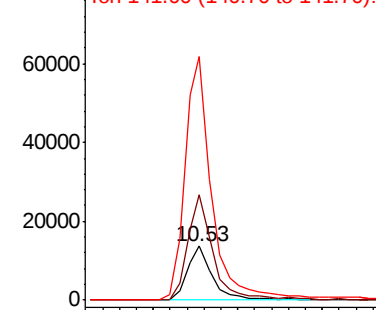


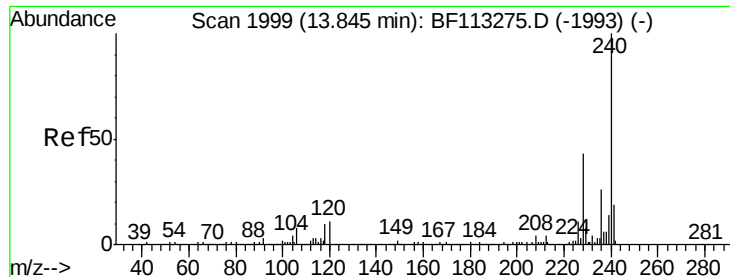
#67
 4-Bromophenyl-phenylether
 Concen: 2.419 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF113485.D
 Acq: 2 Apr 2019 2:26

Tgt Ion:248 Resp: 14097
 Ion Ratio Lower Upper
 248 100
 250 195.6 78.3 117.5#
 141 453.5 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

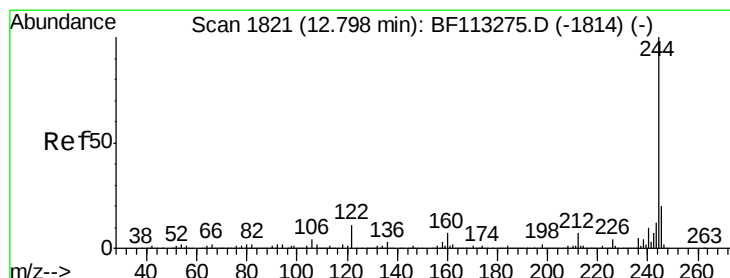
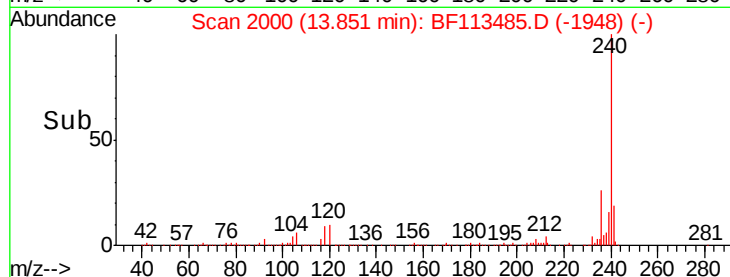
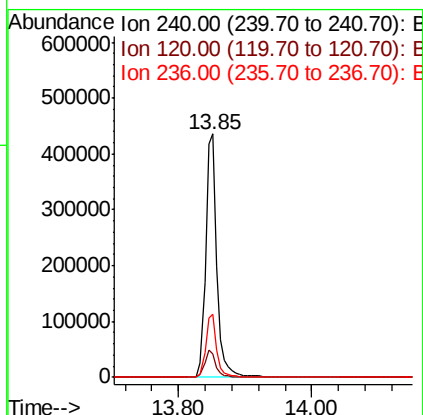
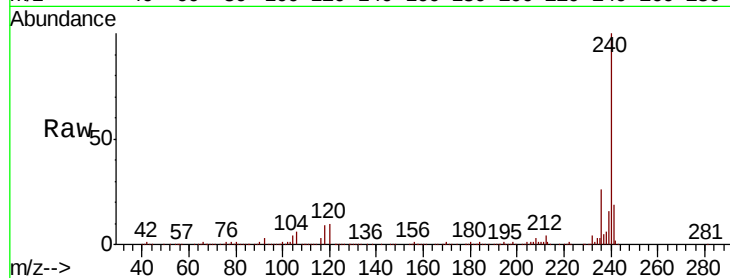




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113485.D
Acq: 2 Apr 2019 2:26

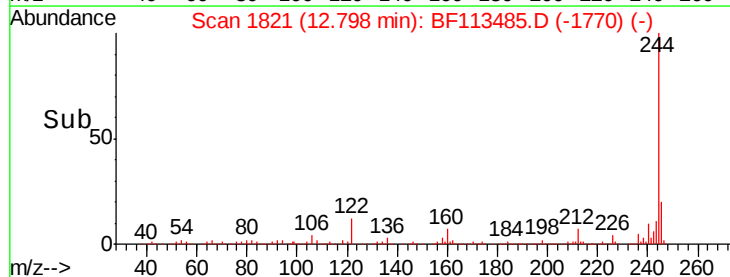
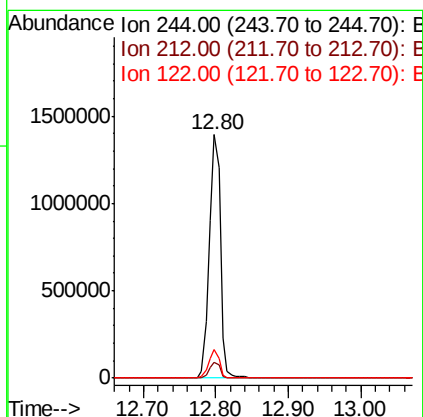
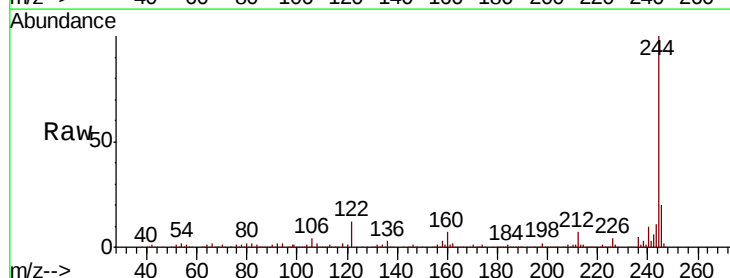
Instrument :
BNA_F
ClientSampled :

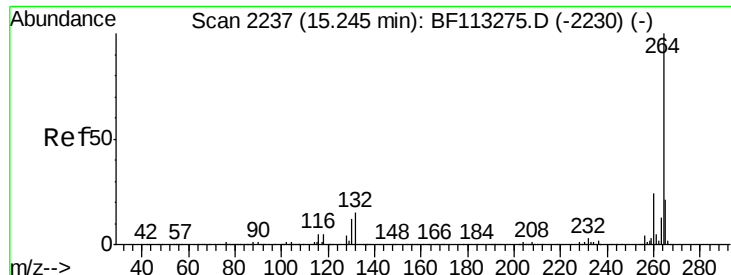
Tgt Ion:240 Resp: 501616
Ion Ratio Lower Upper
240 100
120 9.8 8.8 13.2
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 65.651 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113485.D
Acq: 2 Apr 2019 2:26

Tgt Ion:244 Resp: 1494069
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 11.7 8.6 13.0

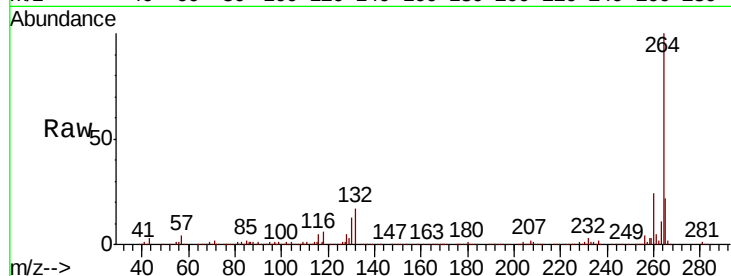




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113485.D
Acq: 2 Apr 2019 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	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

