

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119468.D
 Acq On : 20 Mar 2020 12:59
 Operator : CG/JU
 Sample : PB127698BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 18:53:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

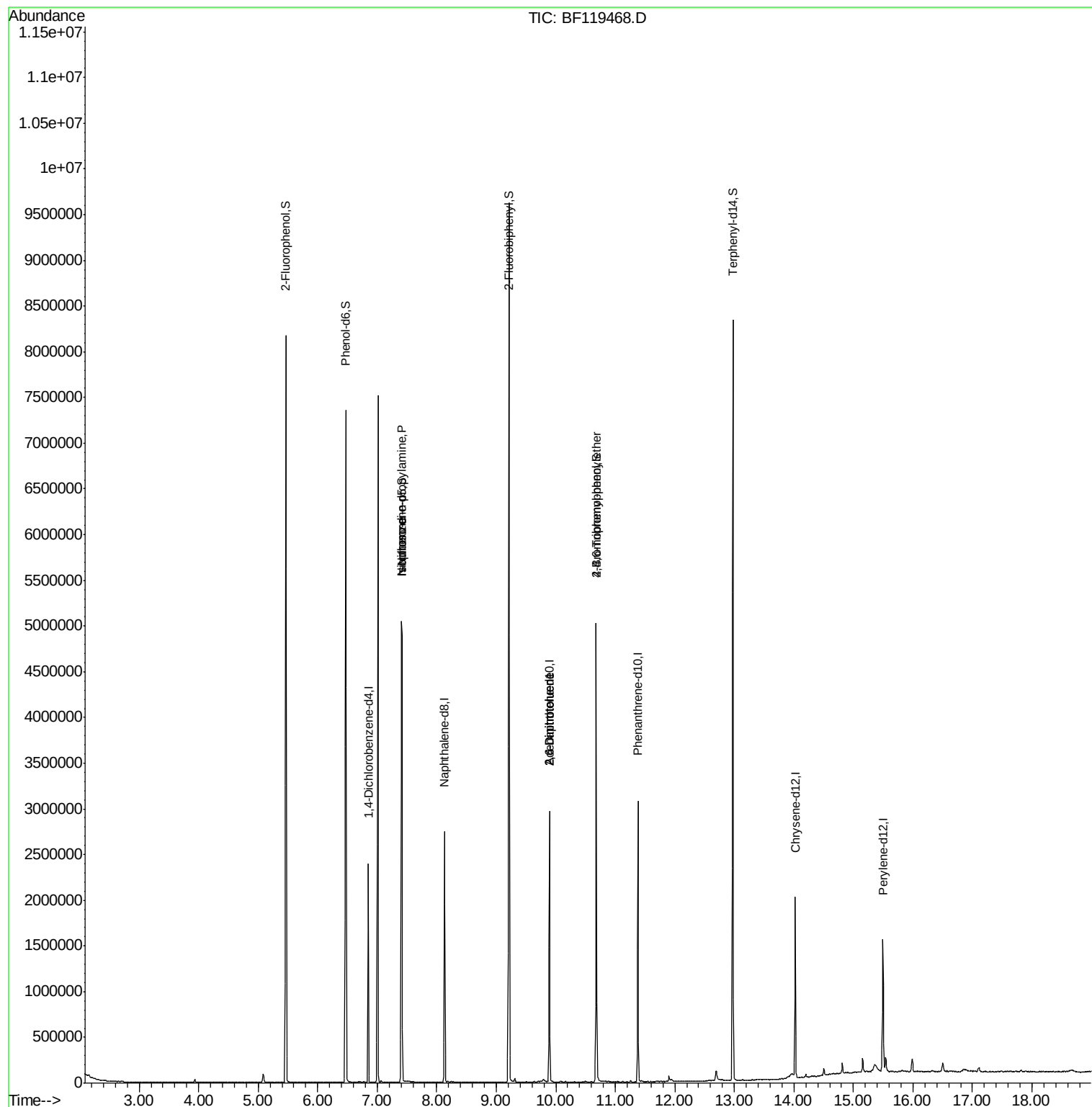
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	318953	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1215437	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	627196	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1144095	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	679597	20.00	ng	-0.01
87) Perylene-d12	15.50	264	663107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2284545	114.02	ng	0.01
7) Phenol-d6	6.47	99	2816707	110.05	ng	0.00
23) Nitrobenzene-d5	7.41	82	1812754	81.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	644617	99.62	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3235028	76.41	ng	0.00
79) Terphenyl-d14	12.97	244	3300585	95.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	246429	15.974	ng	# 75
25) Isophorone	7.41	82	1809704	39.891	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	80929	8.475	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	80929	6.728	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	39252	3.012	ng	# 1

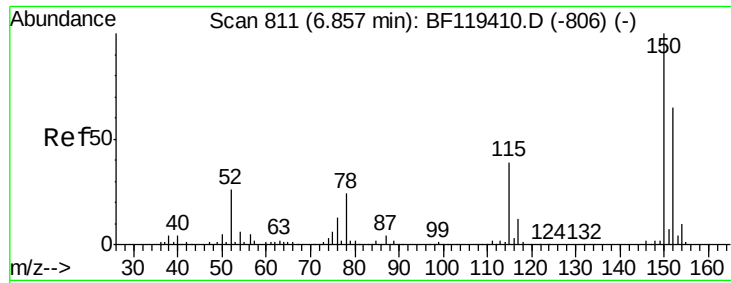
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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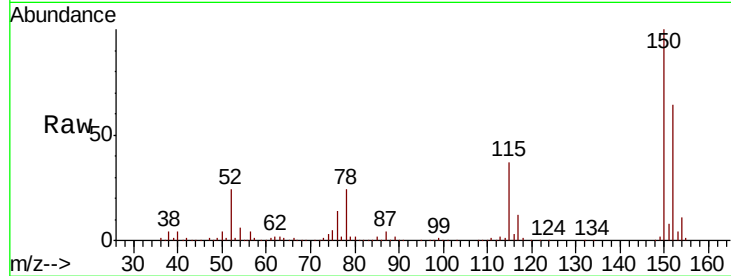


#1

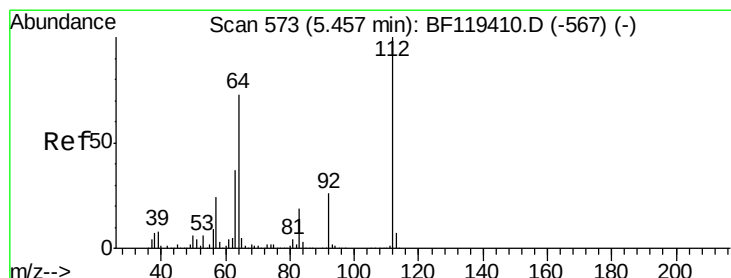
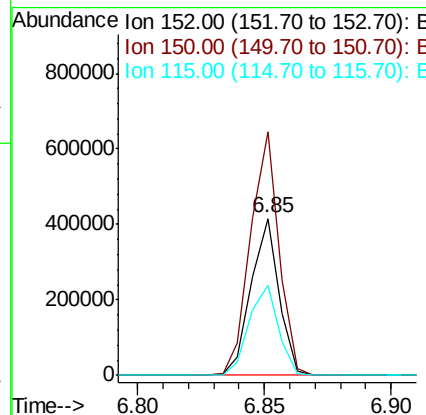
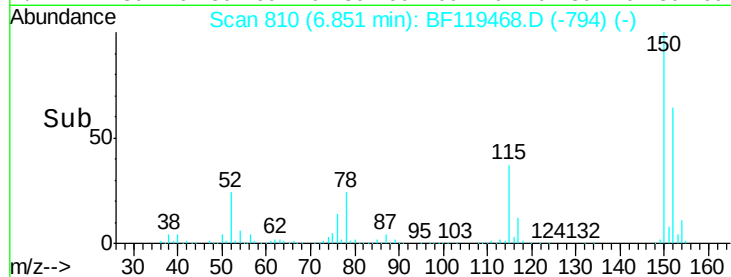
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119468.D
 Acq: 20 Mar 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.9	185.9
115	57.3	47.8	71.6



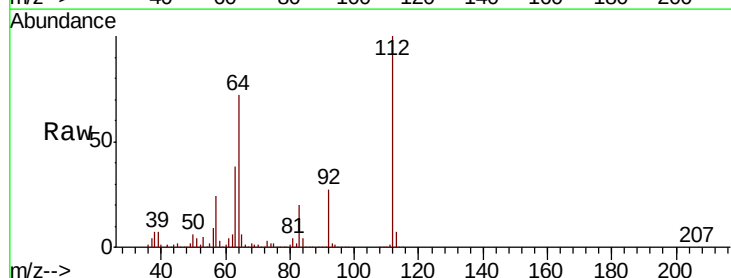
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



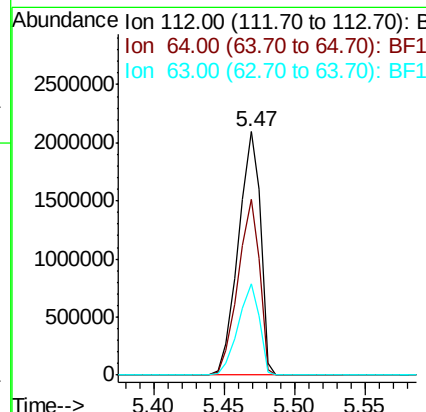
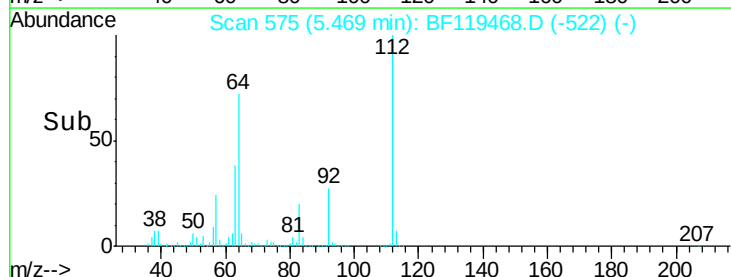
#5

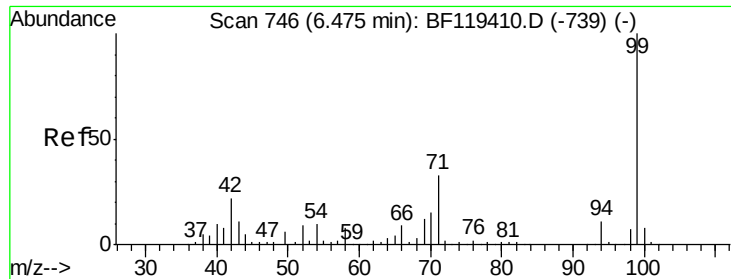
2-Fluorophenol
 Concen: 114.022 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF119468.D
 Acq: 20 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	58.1	87.1
63	37.7	29.7	44.5



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: 110.051 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119468.D

Acq: 20 Mar 2020 12:59

Instrument :

BNA_F

ClientSampled :

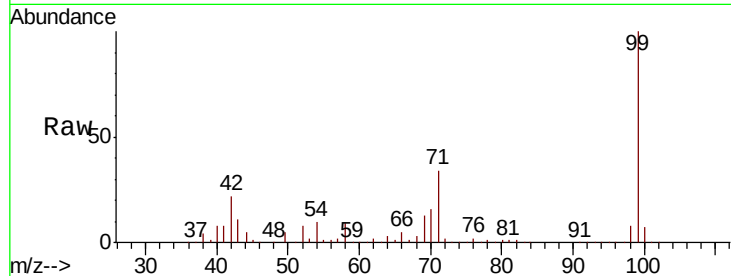
Tot Ion: 99 Resp: 2816707

Ion Ratio Lower Upper

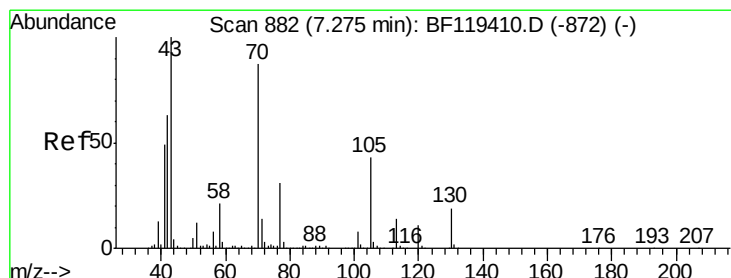
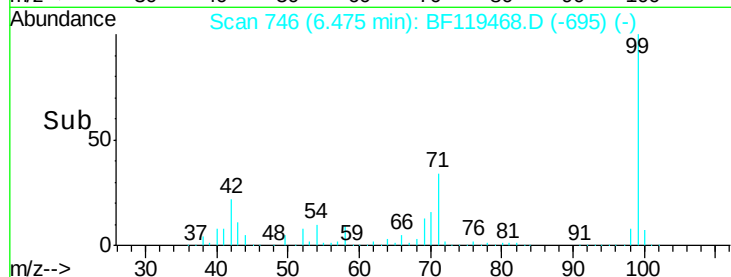
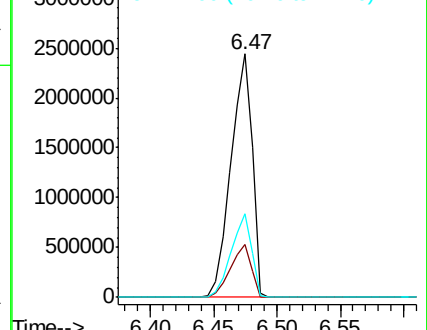
99 100

42 21.9 17.8 26.6

71 34.3 26.0 39.0



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: 15.974 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119468.D

Acq: 20 Mar 2020 12:59

Tgt Ion: 70 Resp: 246429

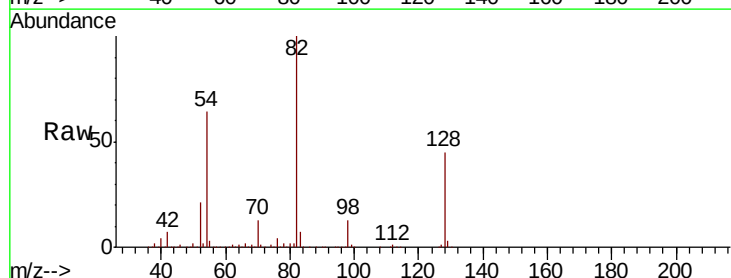
Ion Ratio Lower Upper

70 100

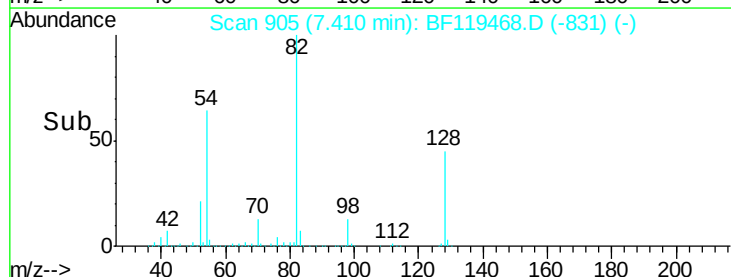
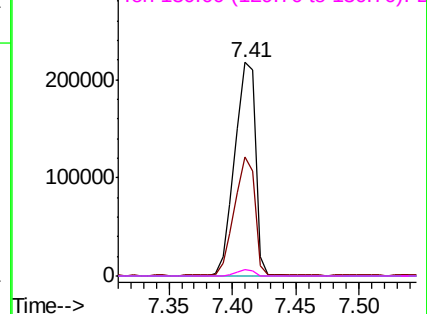
42 55.5 58.2 87.4#

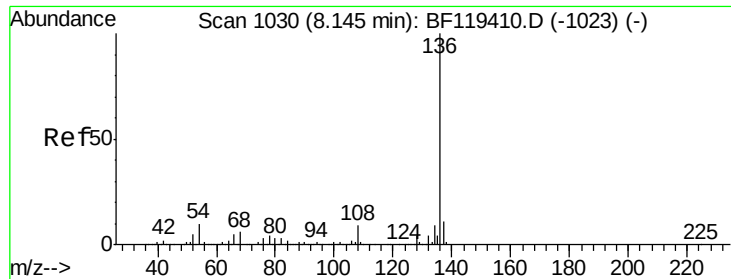
101 0.0 7.4 11.2#

130 2.7 17.8 26.8#



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

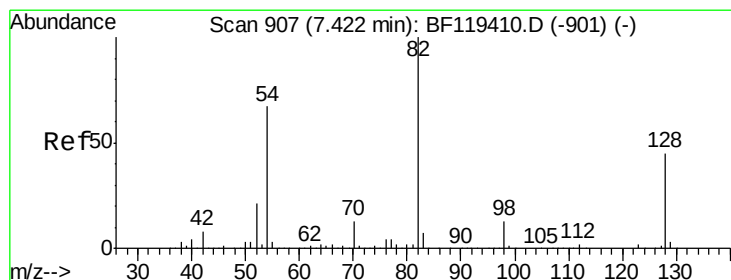
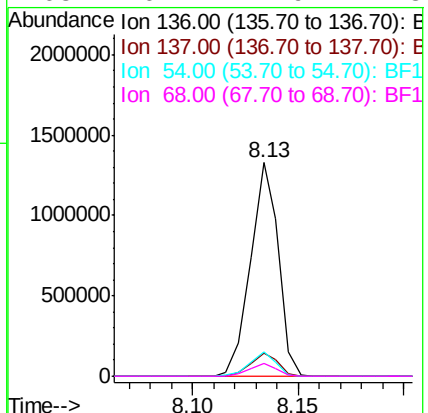
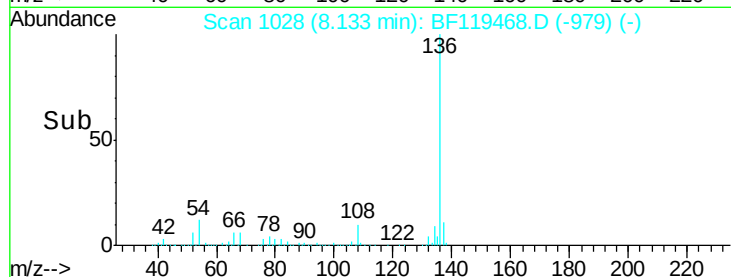
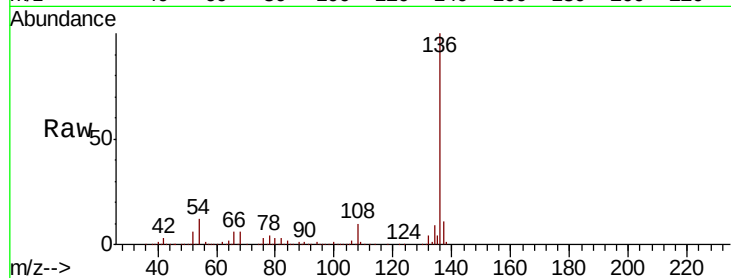




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119468.D
Acq: 20 Mar 2020 12:59

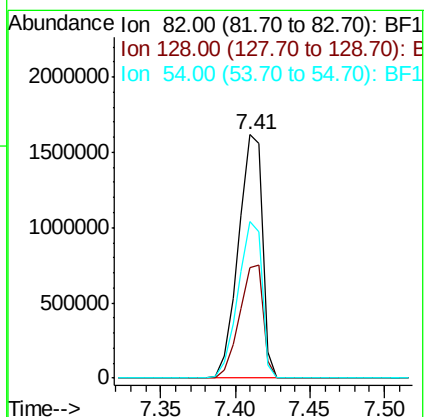
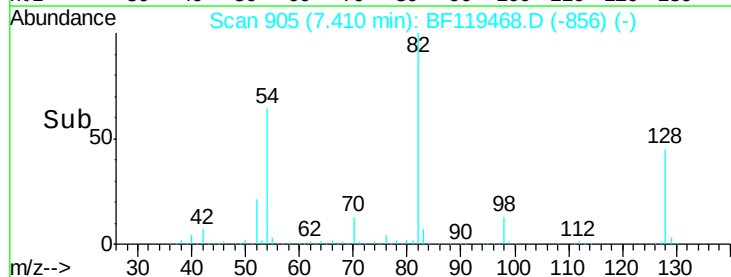
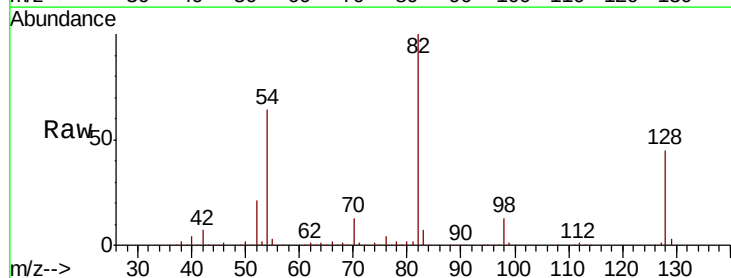
Instrument :
BNA_F
ClientSampleId :

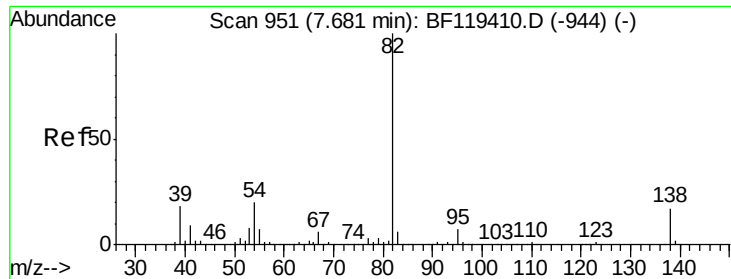
Tot Ion:136 Resp: 1215437
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 11.5 8.3 12.5
68 6.1 4.9 7.3



#23
Nitrobenzene-d5
Concen: 81.057 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119468.D
Acq: 20 Mar 2020 12:59

Tgt Ion: 82 Resp: 1812754
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.8
54 64.3 53.4 80.0





#25

Isophorone

Concen: 39.891 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119468.D

Acq: 20 Mar 2020 12:59

Instrument :

BNA_F

ClientSampled :

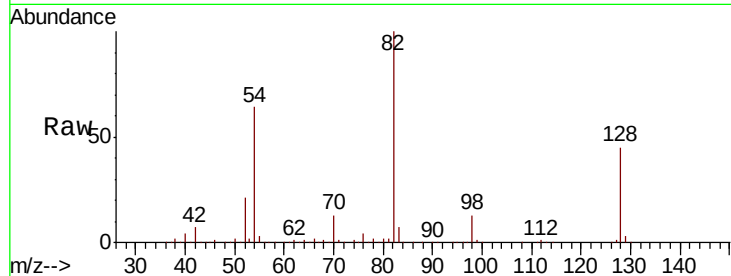
Tot Ion: 82 Resp: 1809704

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

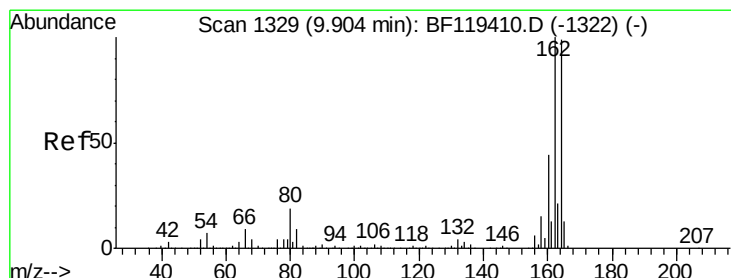
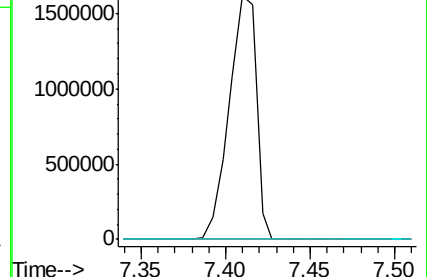
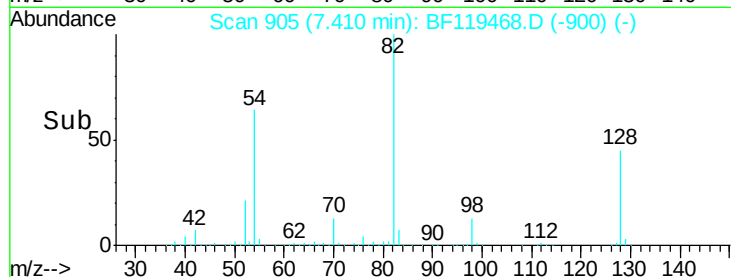
138 0.0 13.8 20.8#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119468.D

Acq: 20 Mar 2020 12:59

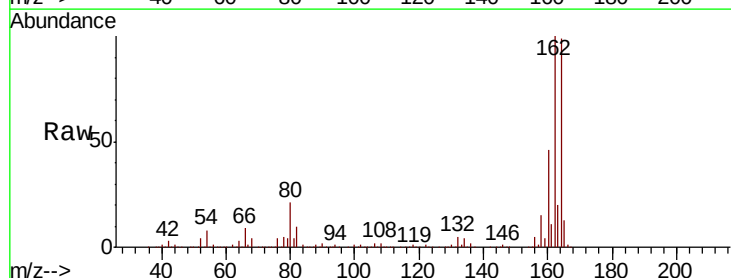
Tgt Ion:164 Resp: 627196

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

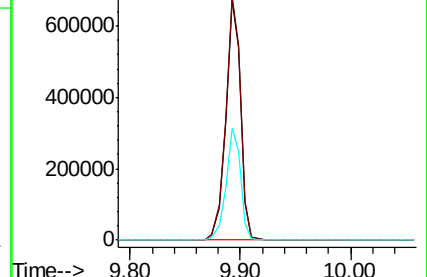
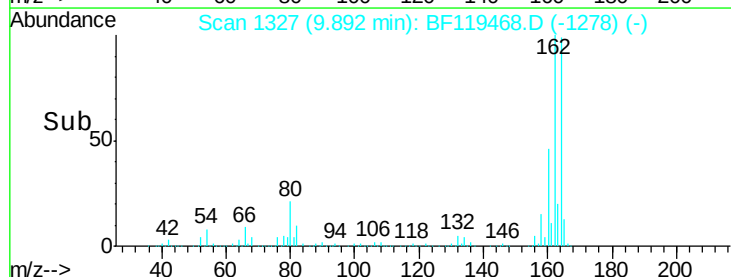
160 46.4 35.5 53.3

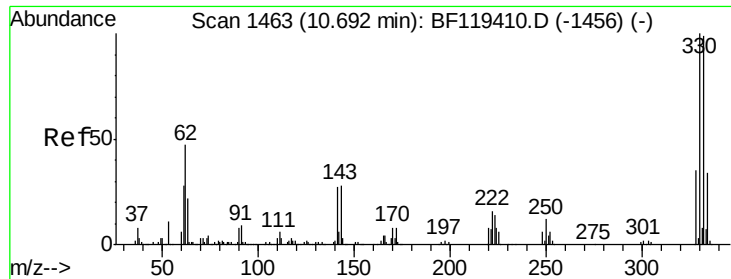


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

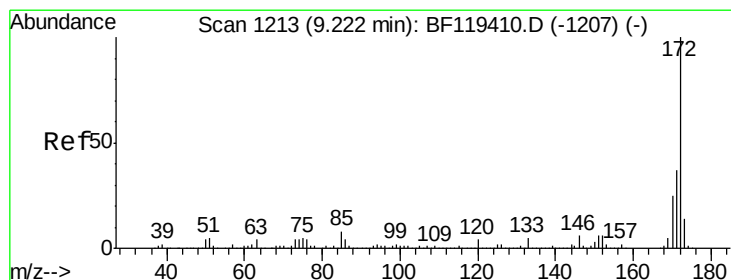
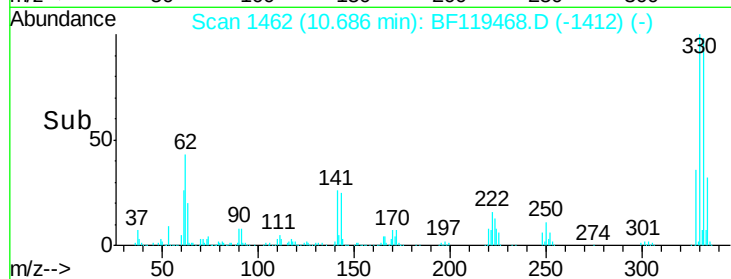
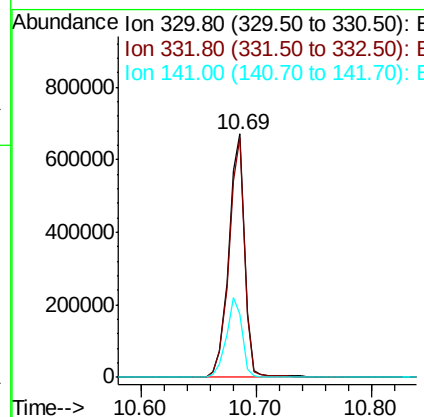
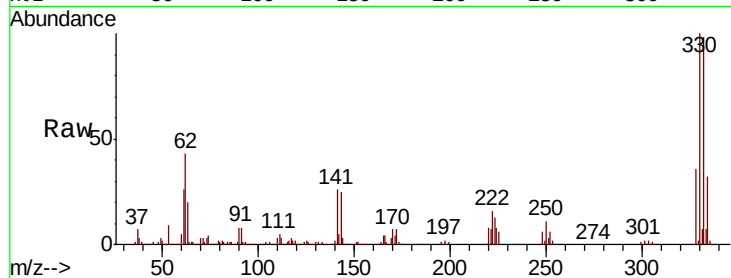




#42
 2,4,6-Tribromophenol
 Concen: 99.623 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119468.D
 Acq: 20 Mar 2020 12:59

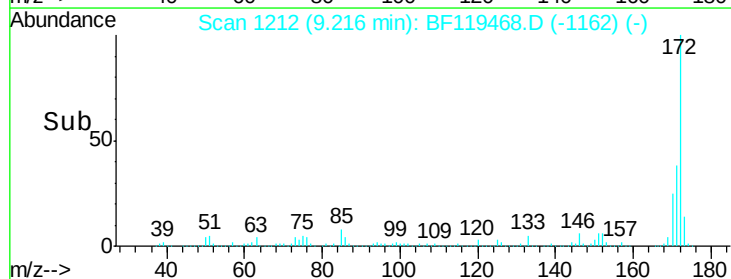
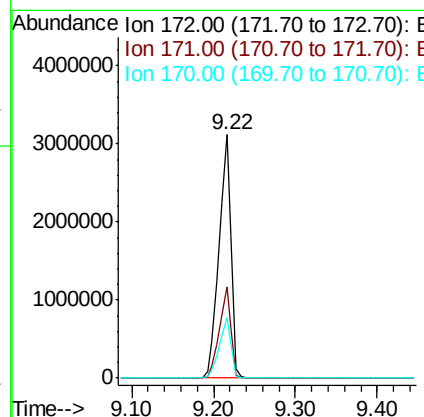
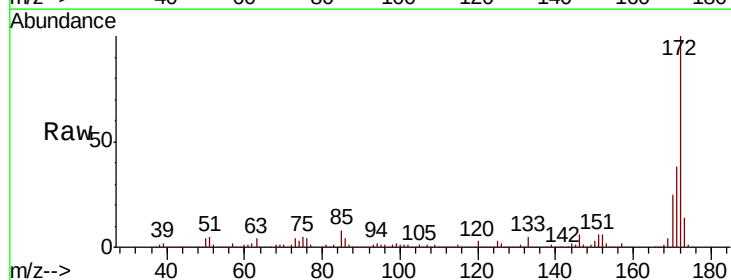
Instrument :
 BNA_F
 ClientSampleId :

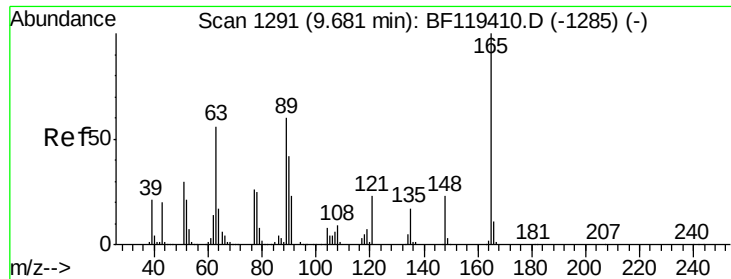
Tot Ion	330	Resp	644617
Ion Ratio	100	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	32.6	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 76.413 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119468.D
 Acq: 20 Mar 2020 12:59

Tgt Ion	172	Resp	3235028
Ion Ratio	100	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	24.9	20.1	30.1

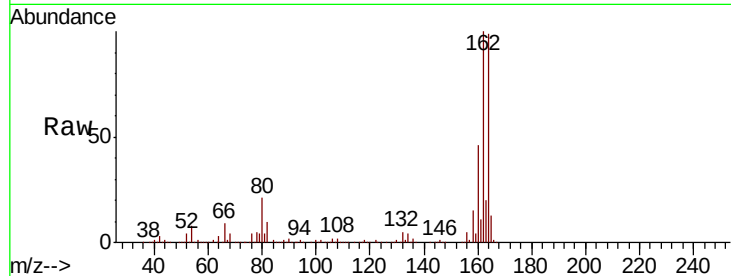




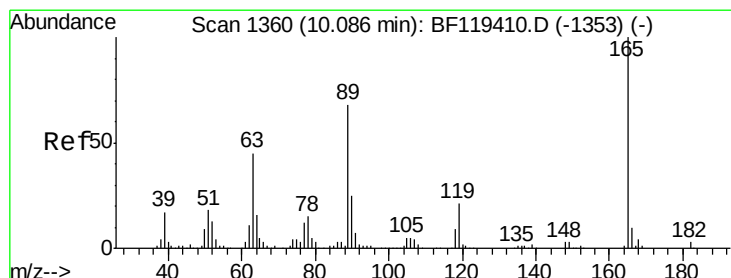
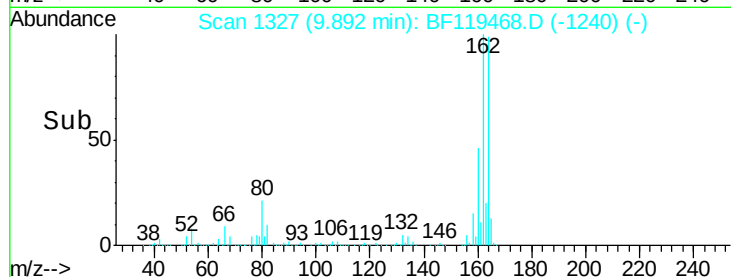
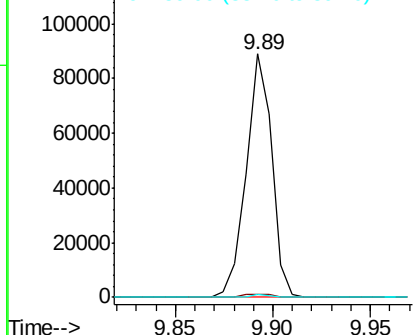
#51
 2,6-Dinitrotoluene
 Concen: 8.475 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF119468.D
 Acq: 20 Mar 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	57.3	85.9#
89	1.3	47.8	71.8#



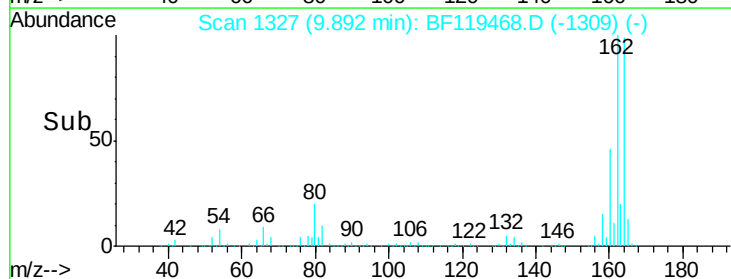
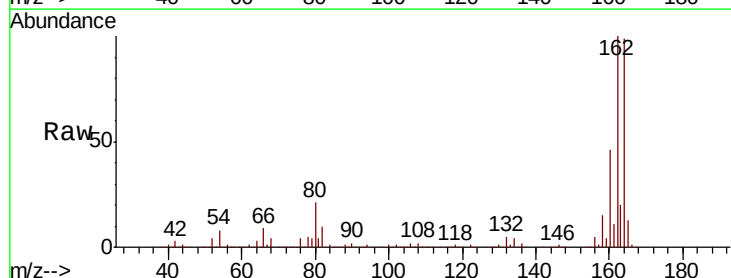
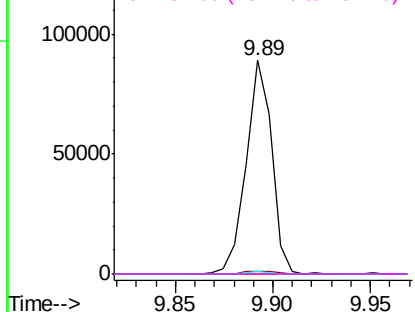
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

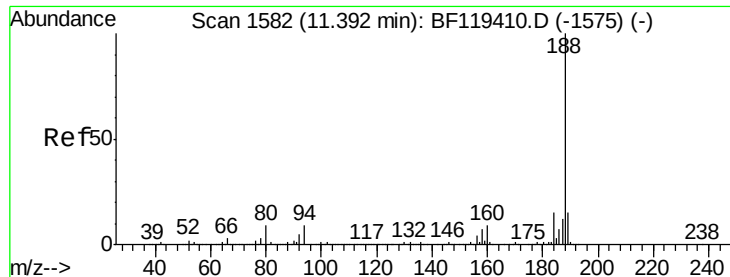


#57
 2,4-Dinitrotoluene
 Concen: 6.728 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF119468.D
 Acq: 20 Mar 2020 12:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.3	54.3	81.5#
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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119468.D

Acq: 20 Mar 2020 12:59

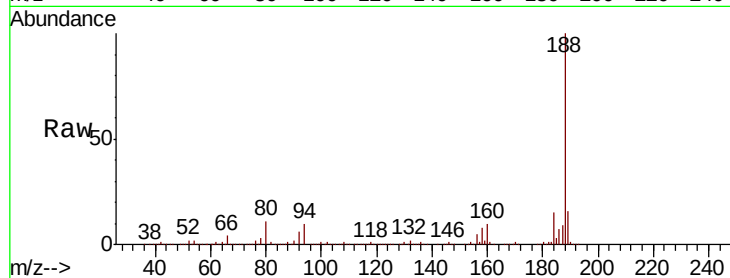
Instrument :

BNA_F

ClientSampleId :

Tot Ion:188 Resp: 1144095

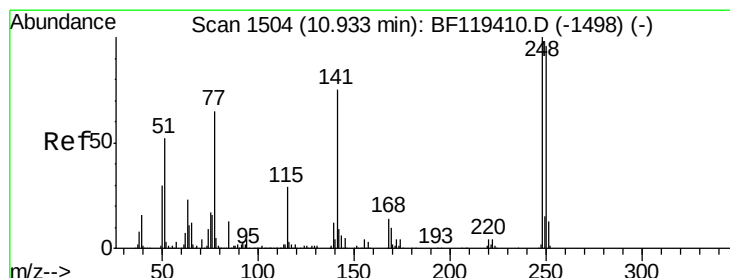
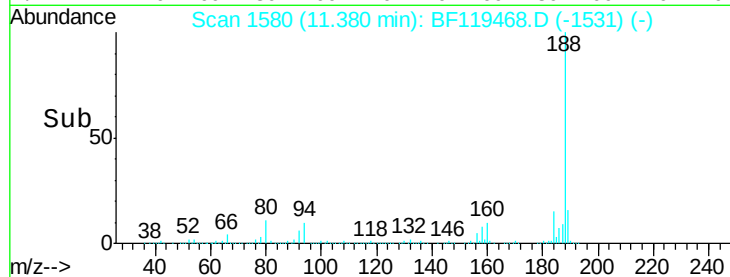
Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.1	10.7
80	11.0	7.5	11.3



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: 3.012 ng

RT: 10.69 min Scan# 1462

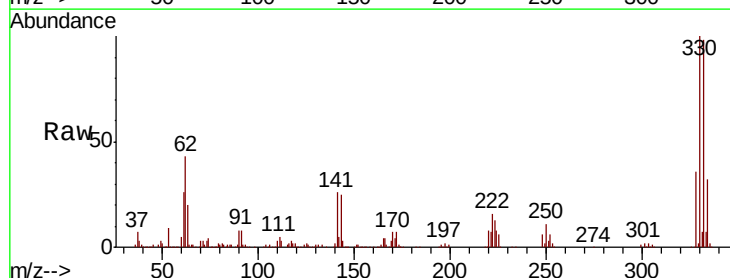
Delta R.T. -0.25 min

Lab File: BF119468.D

Acq: 20 Mar 2020 12:59

Tgt Ion:248 Resp: 39252

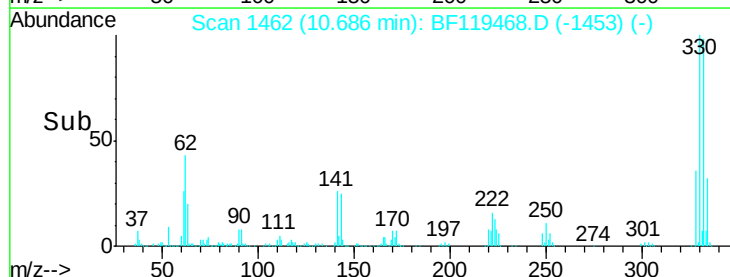
Ion	Ratio	Lower	Upper
248	100		
250	198.4	77.0	115.6#
141	453.9	59.7	89.5#

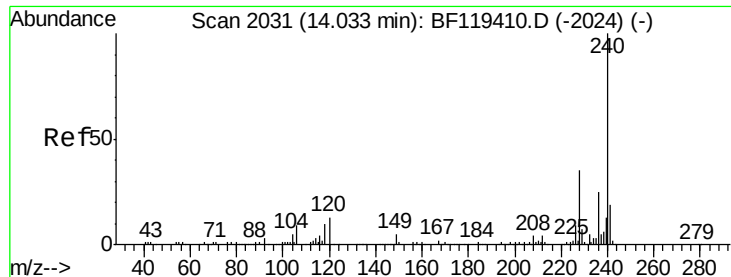


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

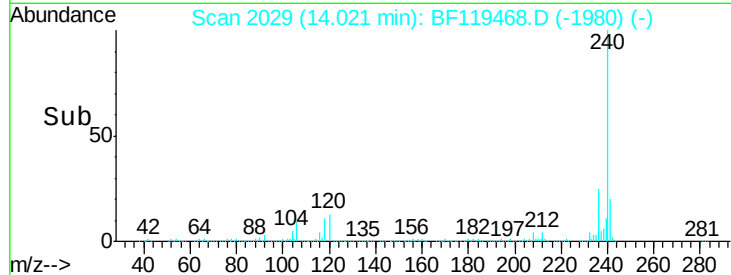
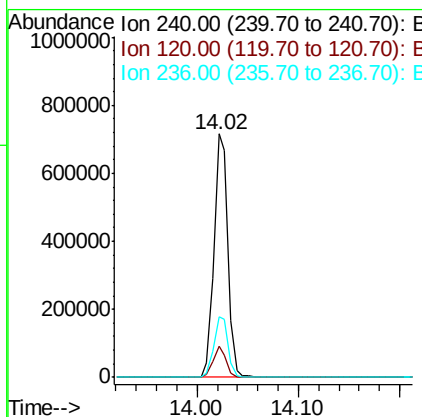
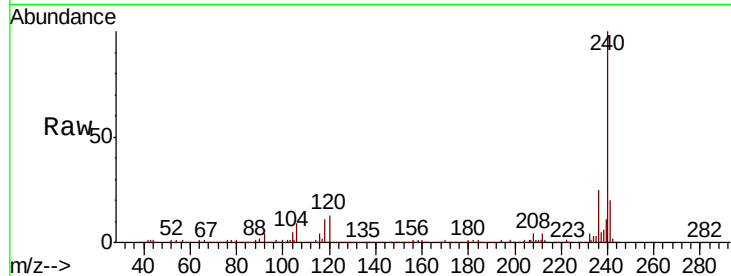




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119468.D
 Acq: 20 Mar 2020 12:59

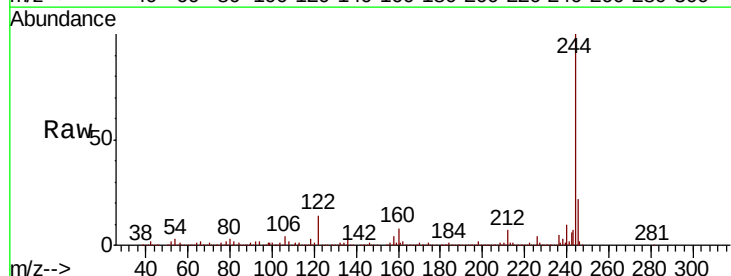
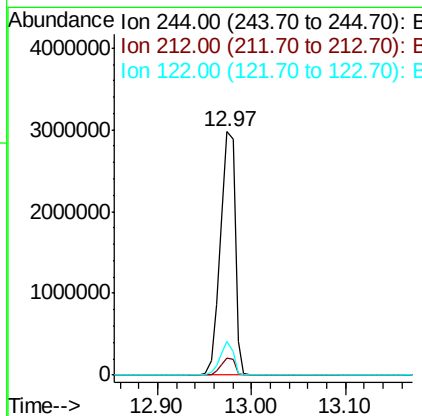
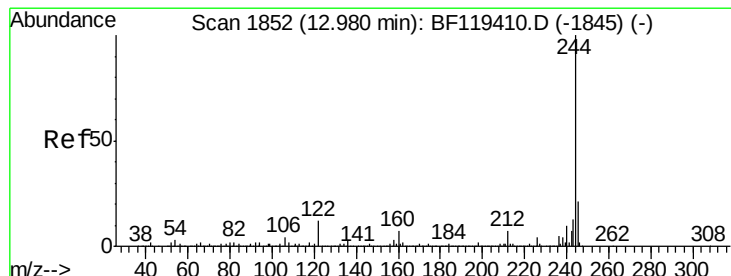
Instrument :
 BNA_F
 ClientSampleID :

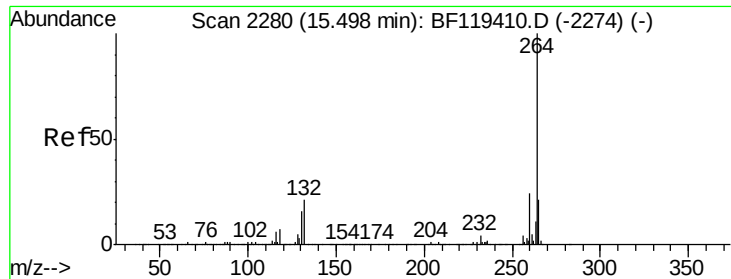
Tot Ion:240 Resp: 679597
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.2 15.4
 236 25.1 20.4 30.6



#79
 Terphenyl-d14
 Concen: 95.153 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119468.D
 Acq: 20 Mar 2020 12:59

Tgt Ion:244 Resp: 3300585
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 13.9 9.8 14.8

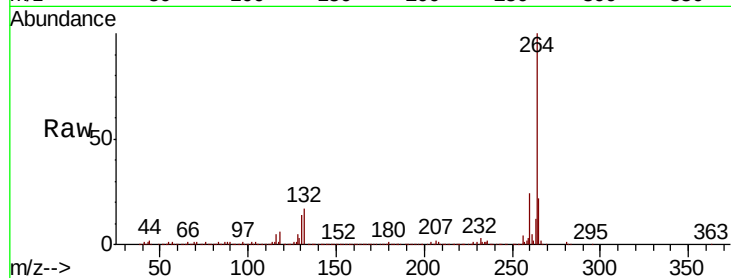




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119468.D
Acq: 20 Mar 2020 12:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	663107
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	16.9	25.3



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

