

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118667.D
 Acq On : 22 Jan 2020 17:03
 Operator : CG/JU
 Sample : L1214-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 18:08:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

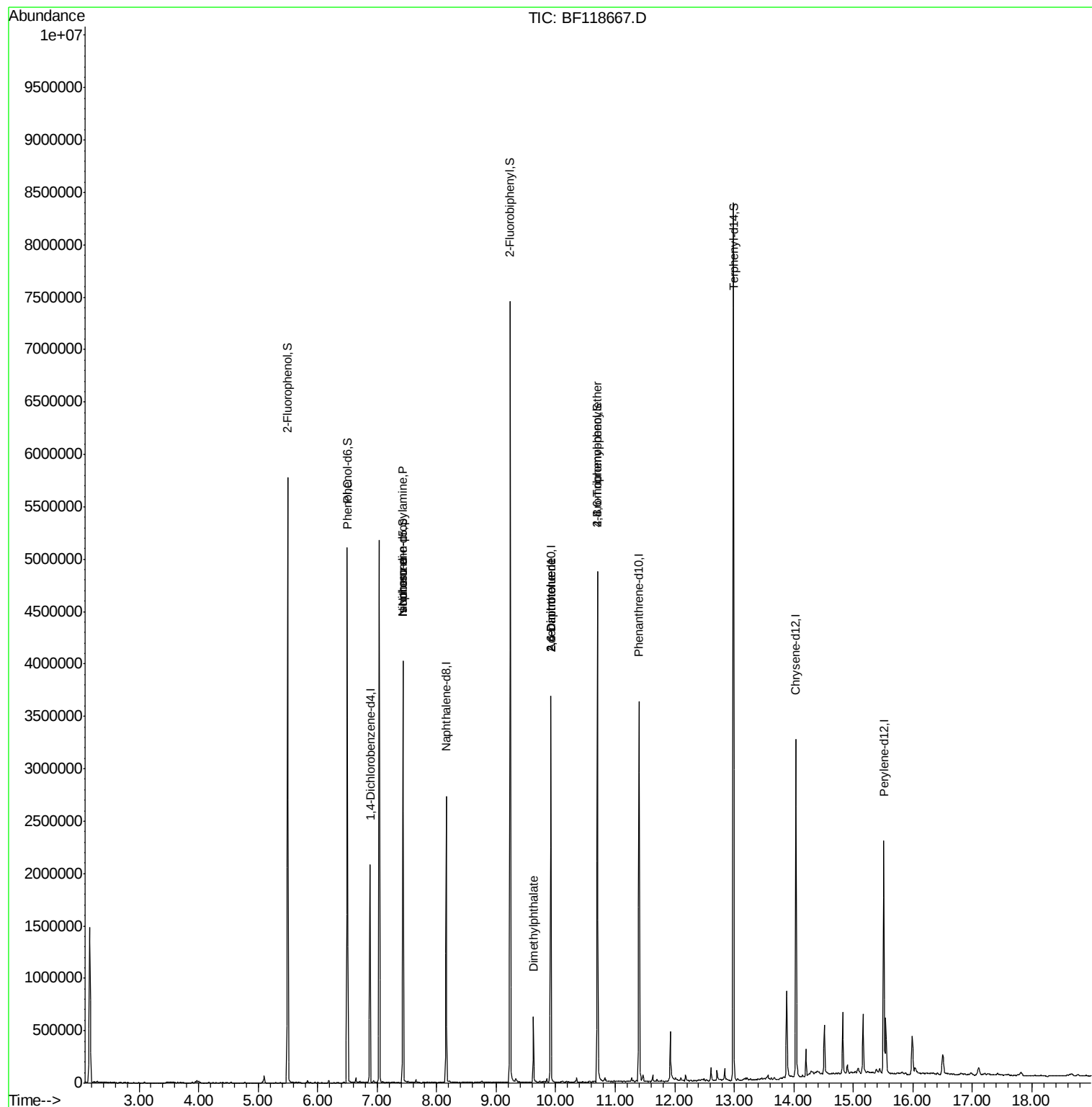
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	334737	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1288284	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	715143	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1360980	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1077491	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1054168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1633109	90.61	ng	0.00
7) Phenol-d6	6.50	99	2092340	89.32	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1305496	56.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	731101	88.39	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2478845	56.97	ng	-0.01
79) Terphenyl-d14	12.99	244	3114488	63.04	ng	0.00
Target Compounds						
10) Phenol	6.51	94	146328	5.481	ng	97
19) n-Nitroso-di-n-propylamine	7.43	70	177193	11.202	ng	# 77
25) Isophorone	7.43	82	1305474	31.076	ng	# 64
50) Dimethylphthalate	9.62	163	277056	5.946	ng	98
51) 2,6-Dinitrotoluene	9.92	165	95155	9.120	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	95308	7.246	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	44942	2.673	ng	# 1

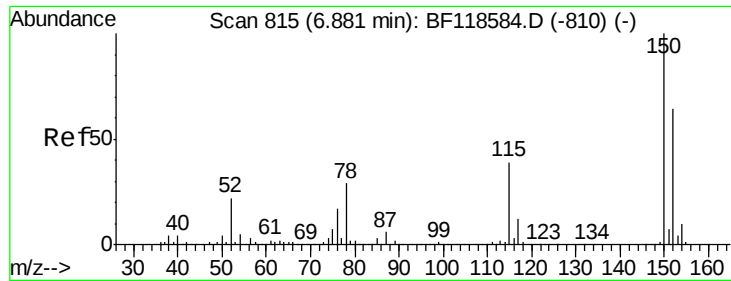
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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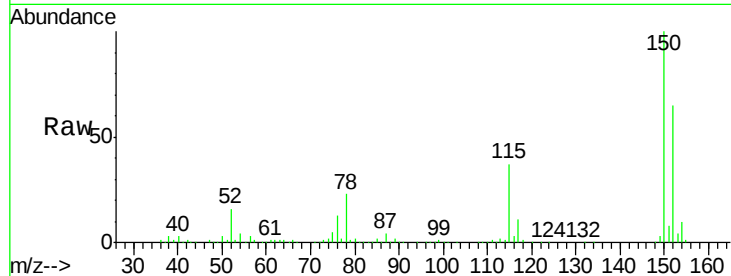


#1

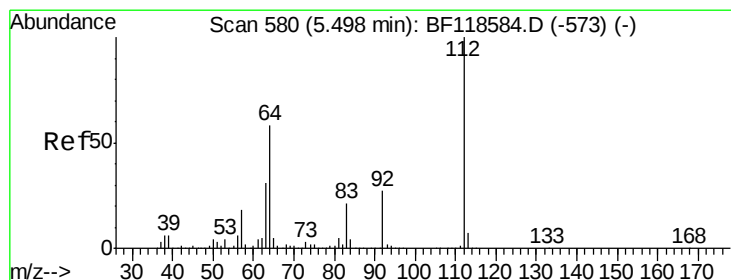
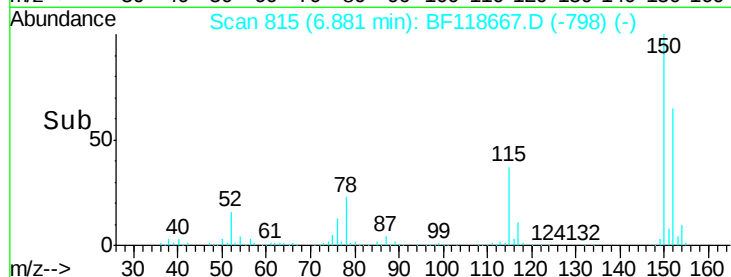
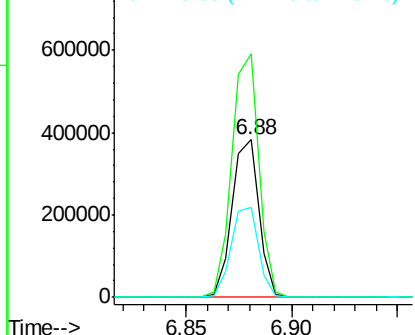
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.6	188.4
115	56.8	48.4	72.6



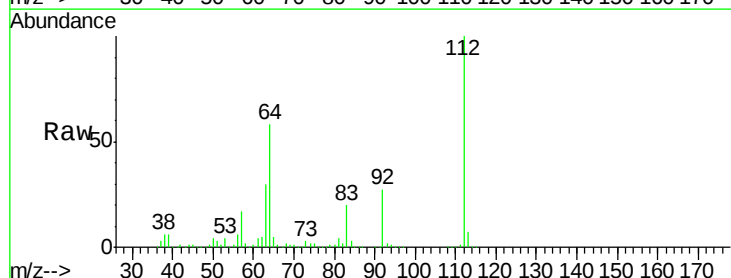
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



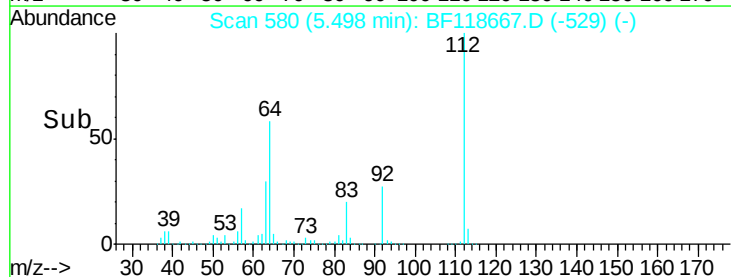
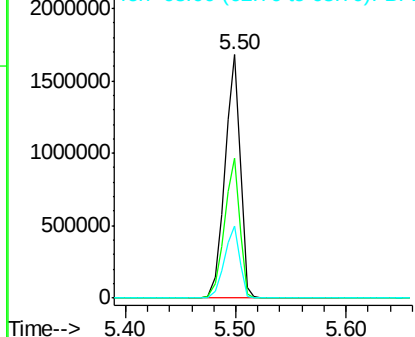
#5

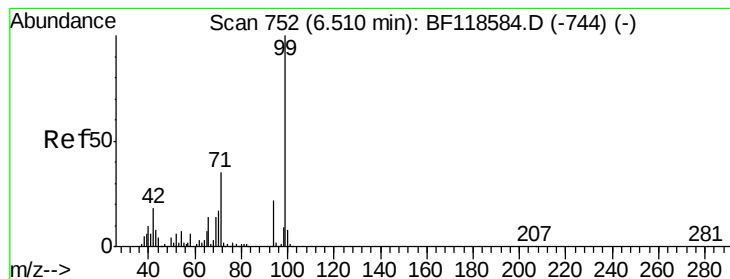
2-Fluorophenol
Concen: 90.611 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	70.0
63	29.8	25.1	37.7



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: 89.319 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

Instrument :

BNA_F

ClientSampled :

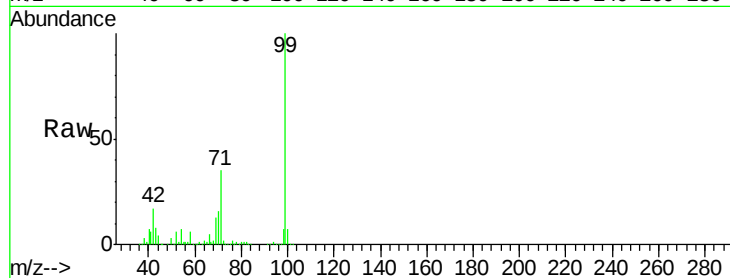
Tot Ion: 99 Resp: 2092340

Ion Ratio Lower Upper

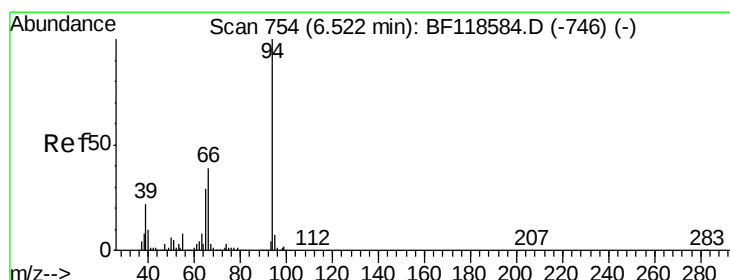
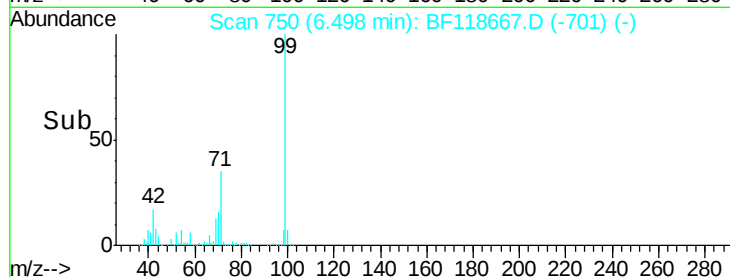
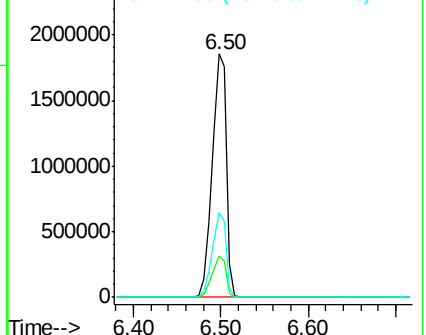
99 100

42 17.0 14.2 21.2

71 35.1 27.8 41.6



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



#10

Phenol

Concen: 5.481 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

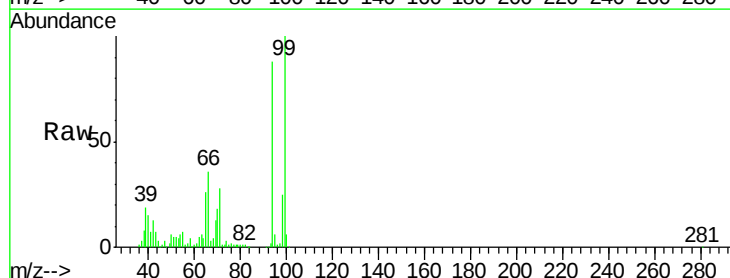
Tgt Ion: 94 Resp: 146328

Ion Ratio Lower Upper

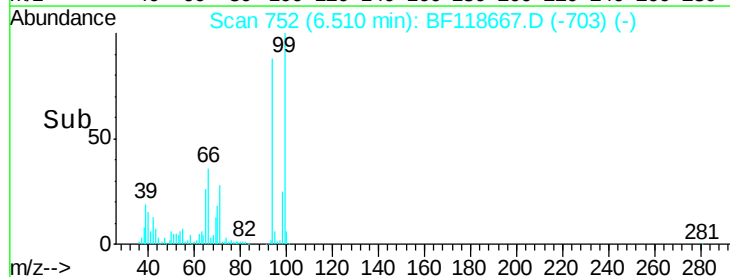
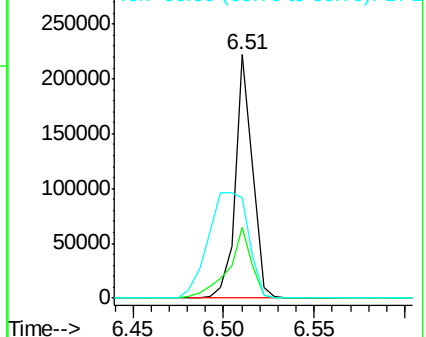
94 100

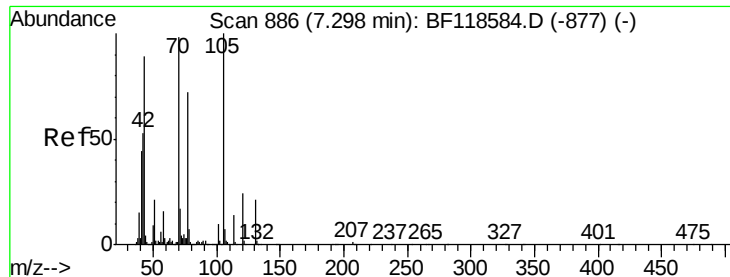
65 29.1 9.5 49.5

66 41.0 18.5 58.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

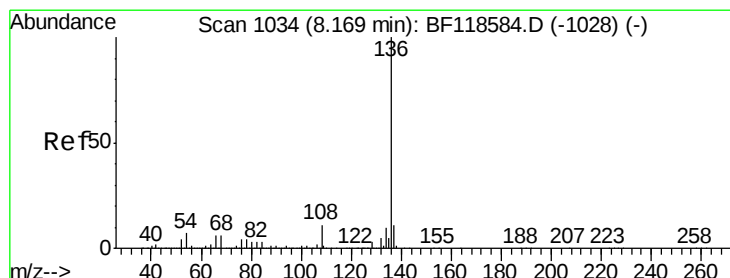
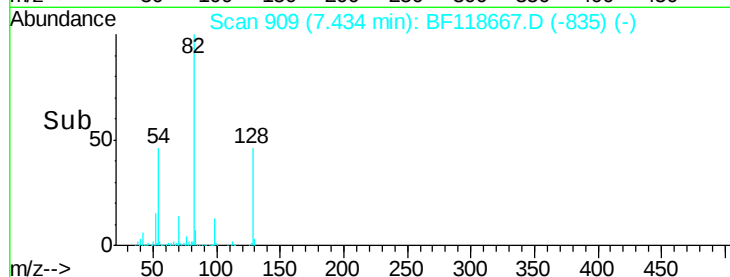
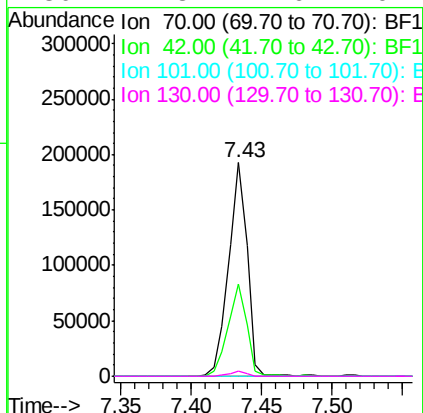
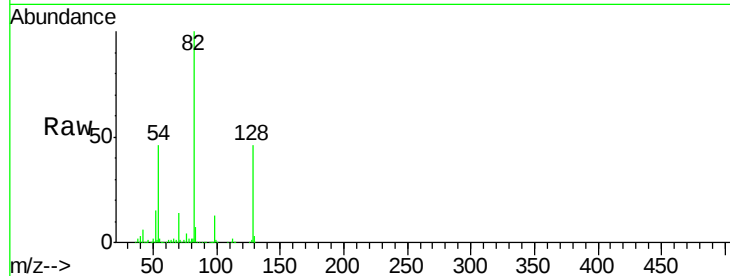




#19
n-Nitroso-di-n-propylamine
Concen: 11.202 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

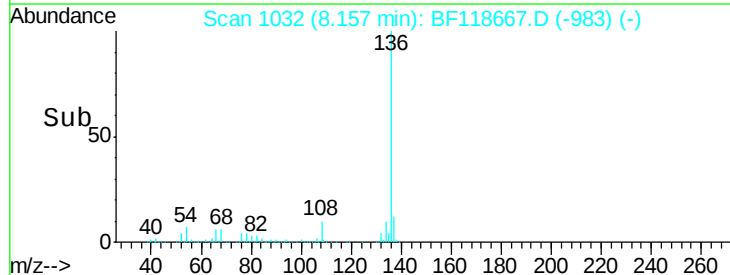
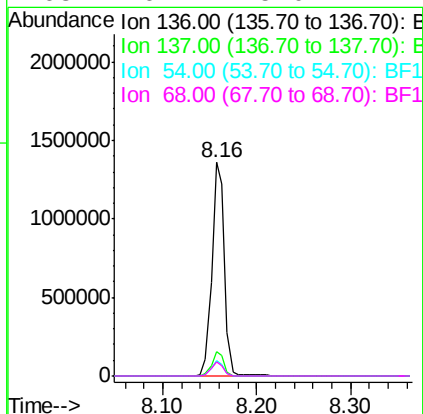
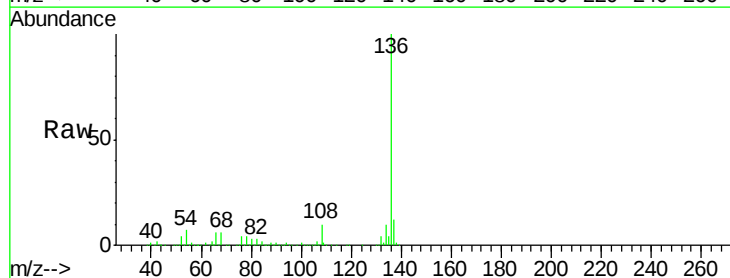
Instrument :
BNA_F
ClientSampleId :

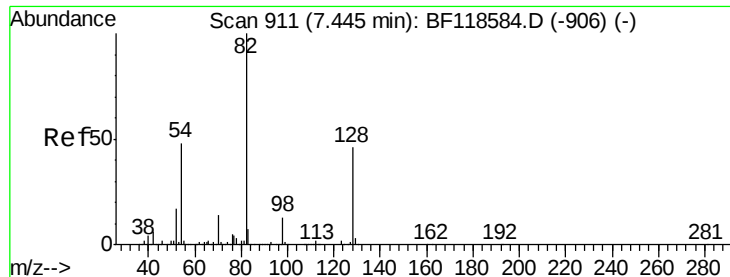
Tot Ion:	70	Resp:	177193
Ion	Ratio	Lower	Upper
70	100		
42	43.1	43.4	65.0#
101	0.0	8.1	12.1#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Tgt Ion:	136	Resp:	1288284
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.2	5.8	8.6
68	6.4	5.0	7.4

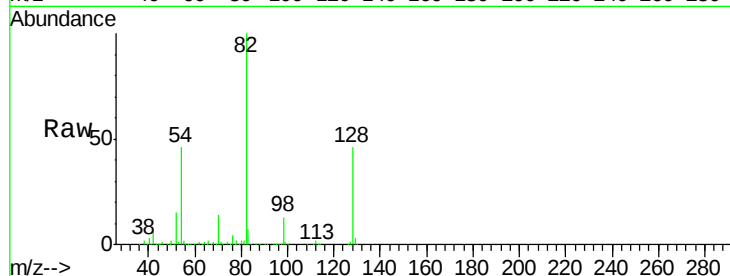




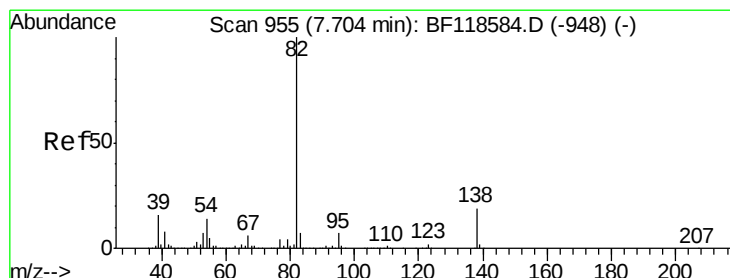
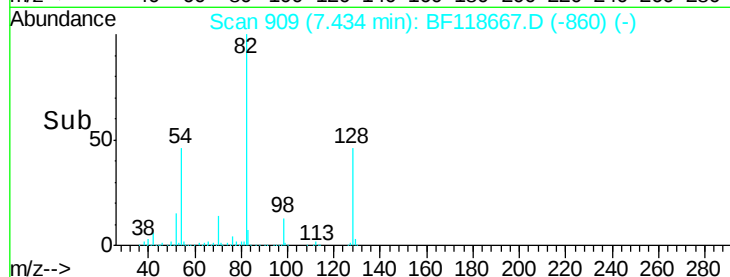
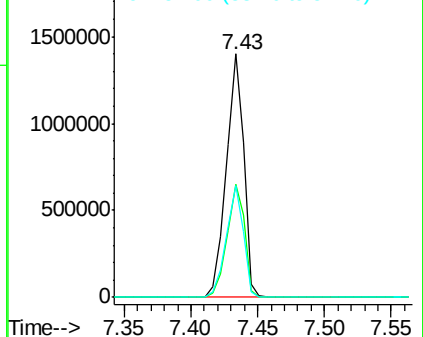
#23
Nitrobenzene-d5
Concen: 56.681 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1305496
Ion Ratio Lower Upper
82 100
128 46.2 36.6 54.8
54 45.8 38.0 57.0

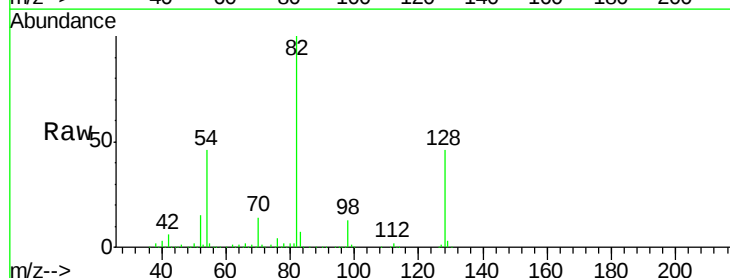


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

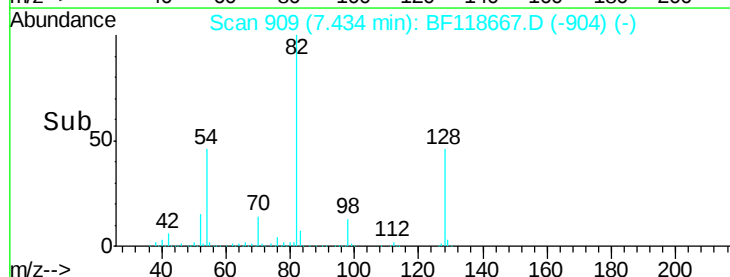
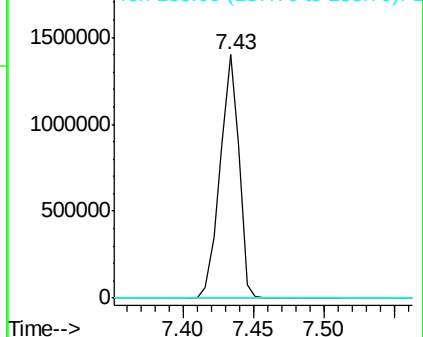


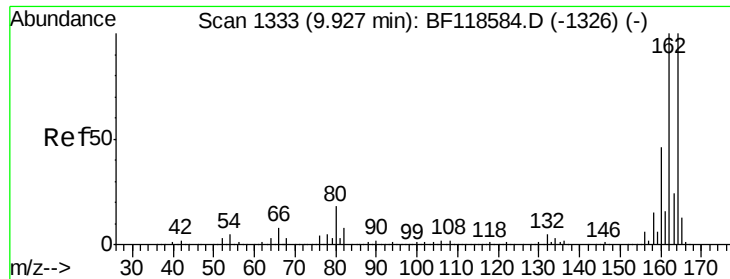
#25
Isophorone
Concen: 31.076 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Tgt Ion: 82 Resp: 1305474
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

Instrument :

BNA_F

ClientSampleId :

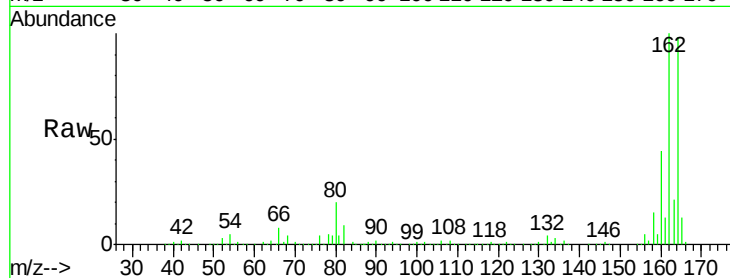
Tot Ion:164 Resp: 715143

Ion Ratio Lower Upper

164 100

162 102.5 80.4 120.6

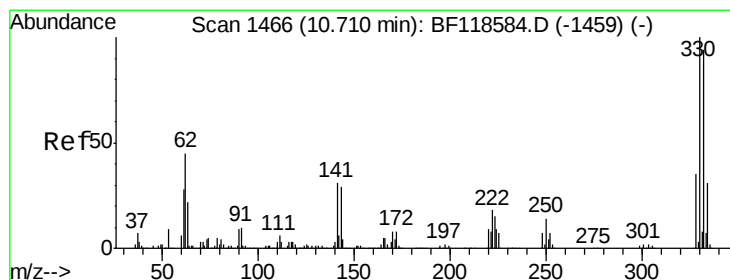
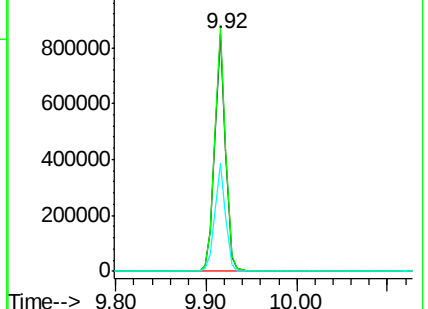
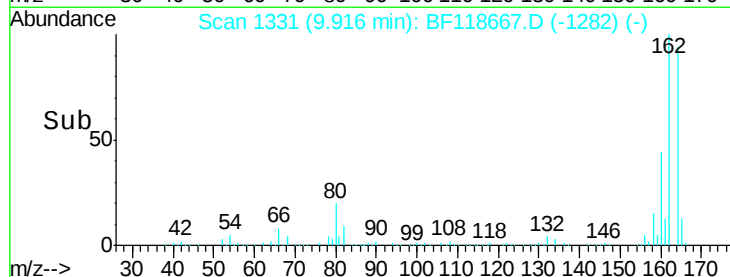
160 45.5 36.6 55.0



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: 88.387 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

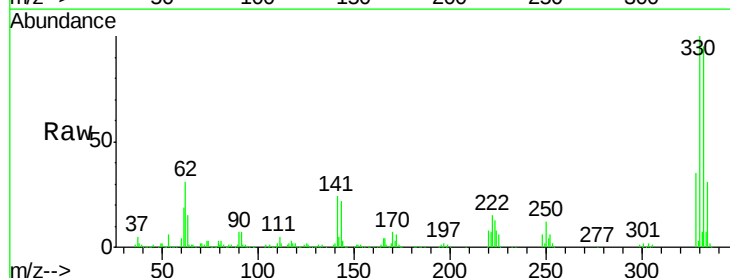
Tgt Ion:330 Resp: 731101

Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

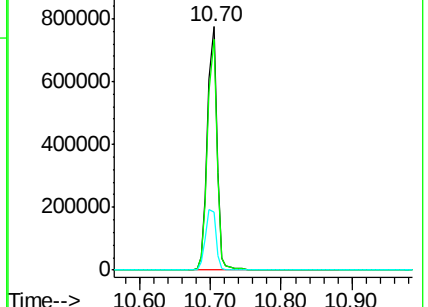
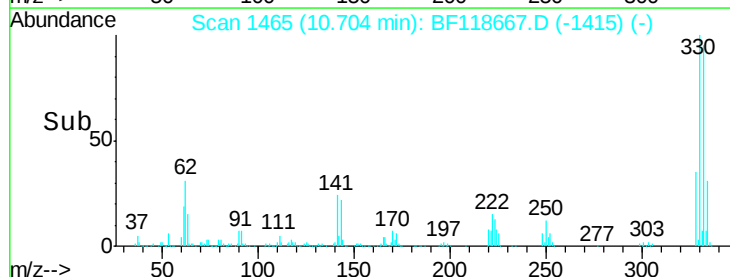
141 27.5 23.9 35.9

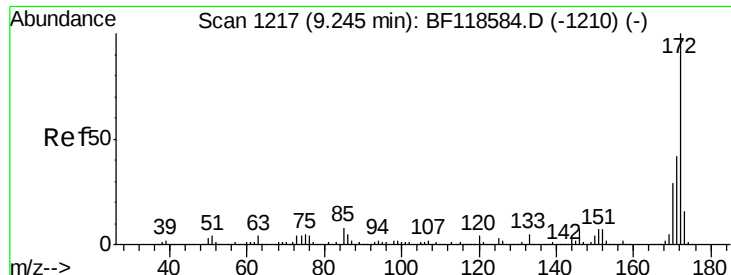


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

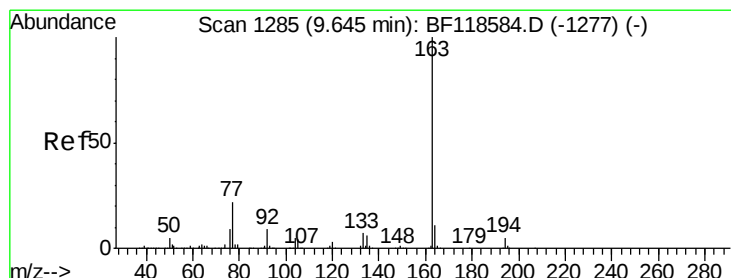
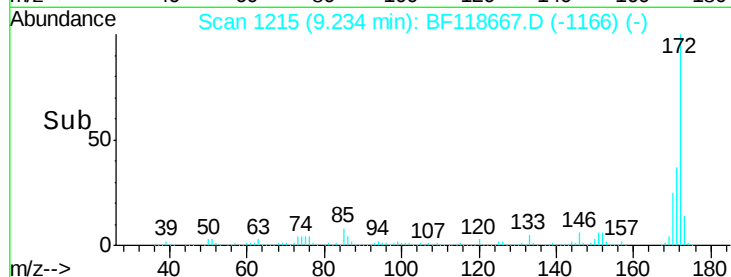
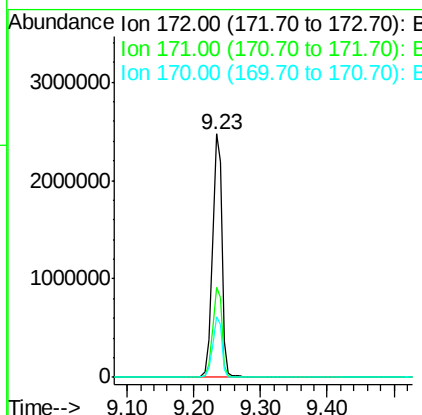
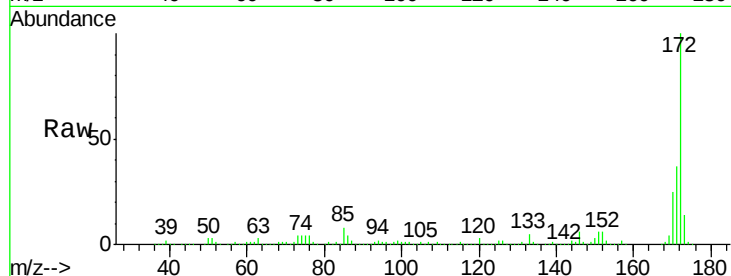




#45
2-Fluorobiphenyl
Concen: 56.971 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

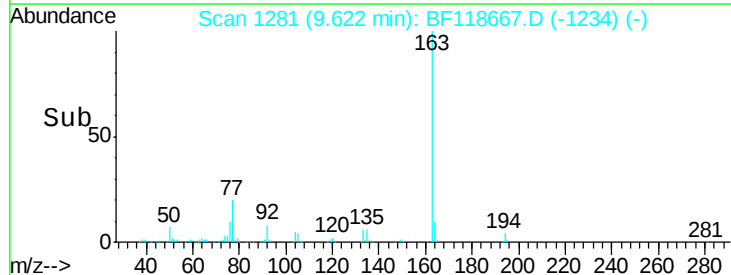
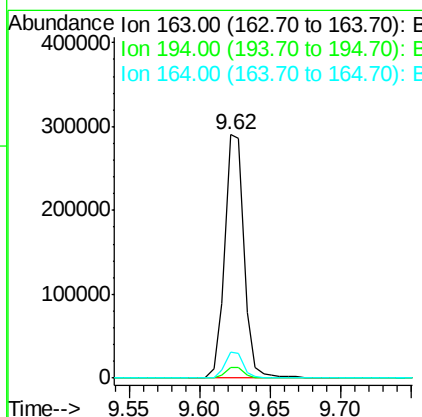
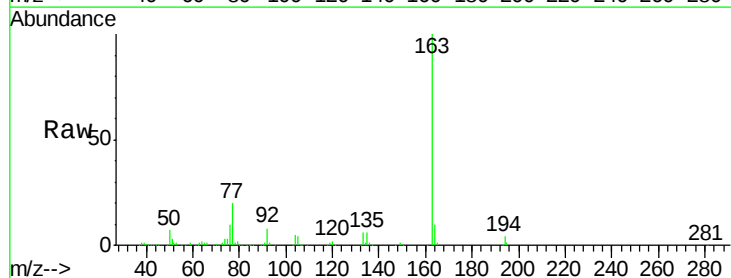
Instrument :
BNA_F
ClientSampleId :

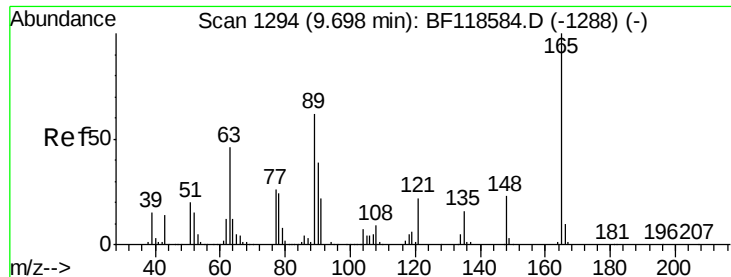
Tot Ion:172 Resp: 2478845
Ion Ratio Lower Upper
172 100
171 37.0 33.4 50.2
170 24.7 23.2 34.8



#50
Dimethylphthalate
Concen: 5.946 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118667.D
Acq: 22 Jan 2020 17:03

Tgt Ion:163 Resp: 277056
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 10.5 9.1 13.7





#51

2,6-Dinitrotoluene

Concen: 9.120 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.22 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

Instrument :

BNA_F

ClientSampleId :

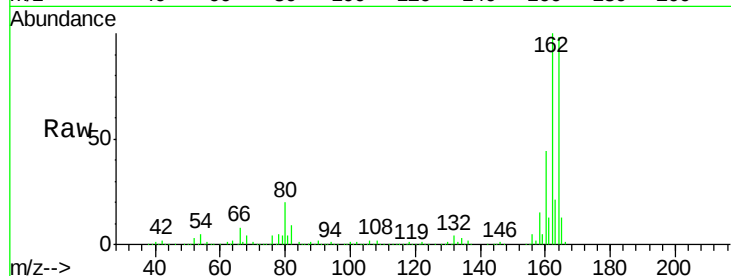
Tot Ion:165 Resp: 95155

Ion Ratio Lower Upper

165 100

63 1.1 48.9 73.3#

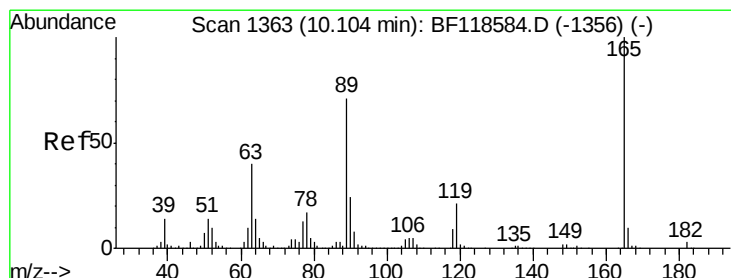
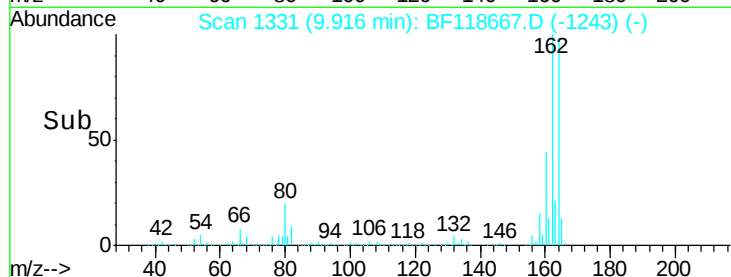
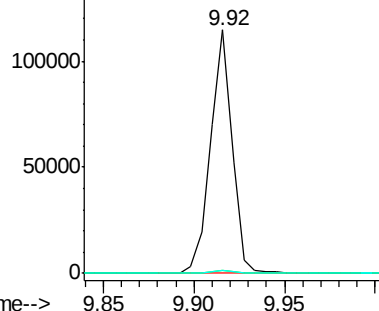
89 1.1 49.8 74.6#



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: 7.246 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

Tgt Ion:165 Resp: 95308

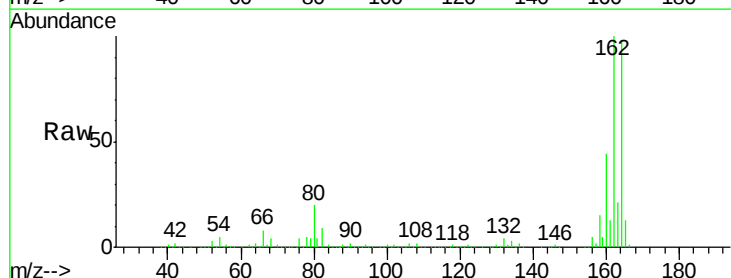
Ion Ratio Lower Upper

165 100

63 1.1 32.4 48.6#

89 1.1 56.4 84.6#

182 0.0 2.3 3.5#

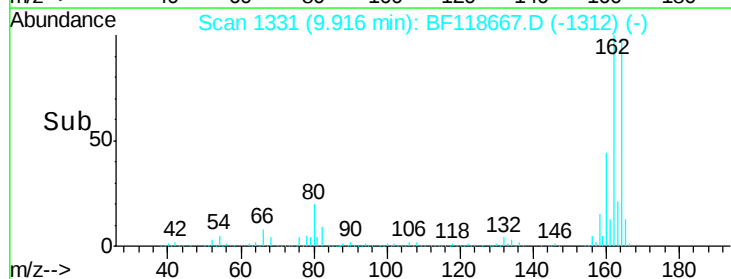
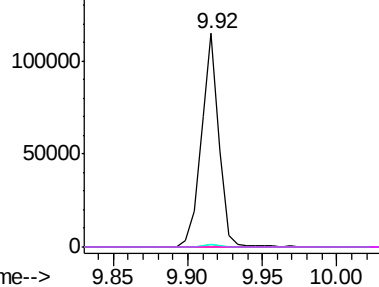


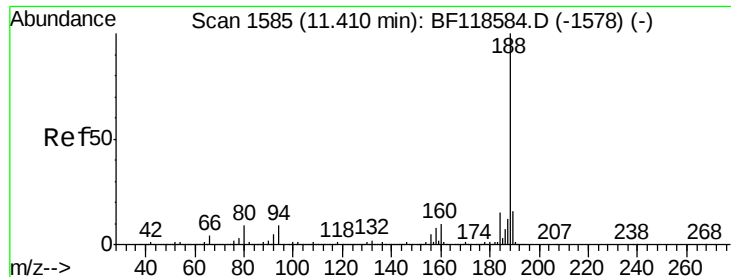
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

Instrument :

BNA_F

ClientSampleId :

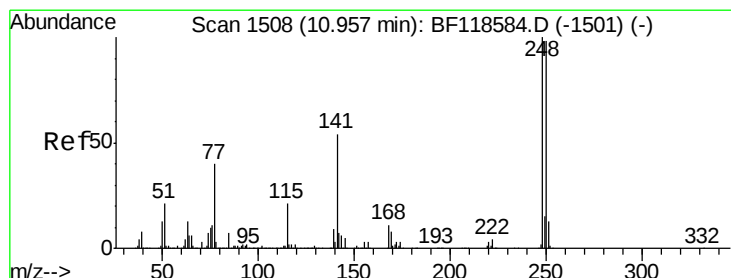
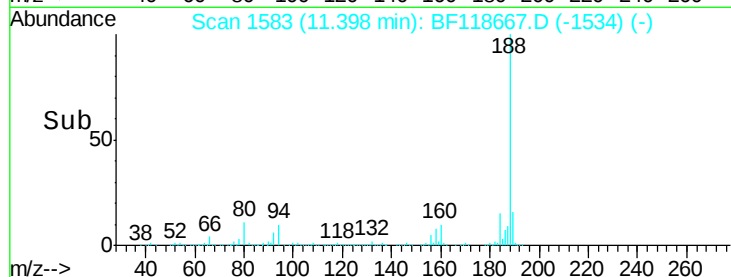
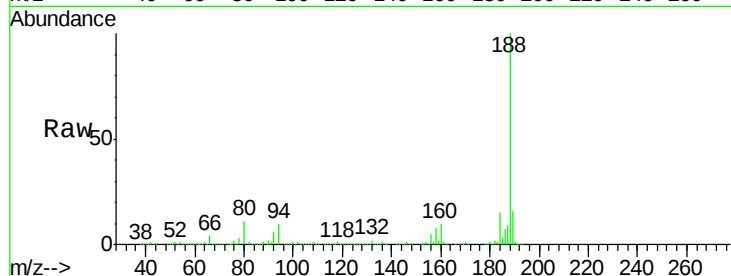
Tot Ion:188 Resp: 1360980

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.1	10.7
80	11.1	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: 2.673 ng

RT: 10.70 min Scan# 1465

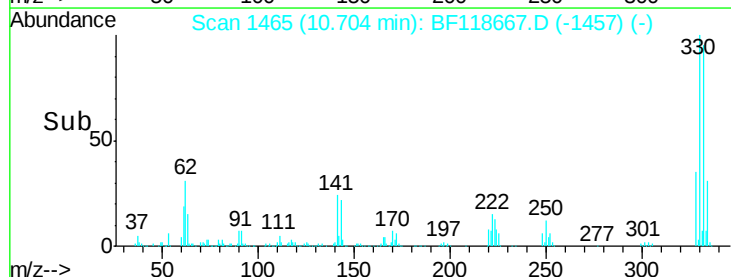
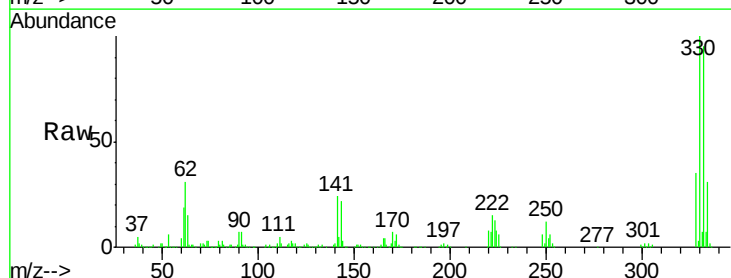
Delta R.T. -0.25 min

Lab File: BF118667.D

Acq: 22 Jan 2020 17:03

Tgt Ion:248 Resp: 44942

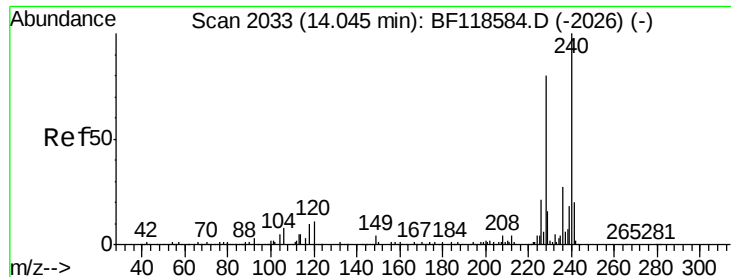
Ion	Ratio	Lower	Upper
248	100		
250	207.1	78.7	118.1#
141	397.2	43.2	64.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

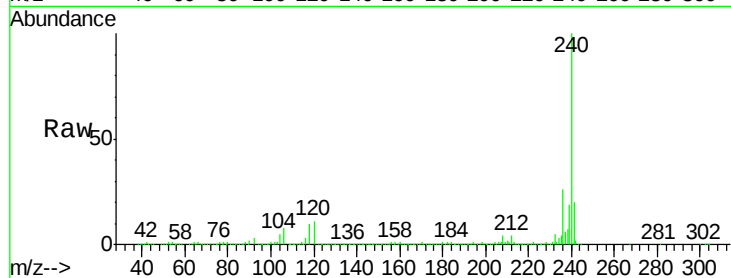
Ion 141.00 (140.70 to 141.70): E



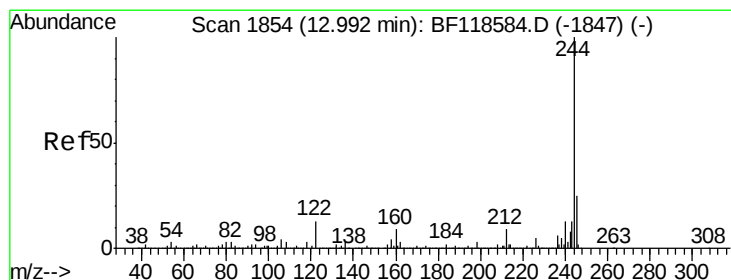
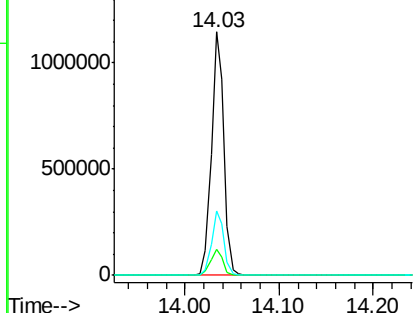
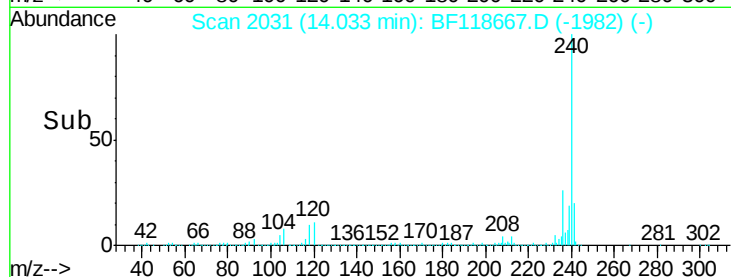
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118667.D
 Acq: 22 Jan 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 1077491
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.9 13.3
 236 26.3 21.5 32.3

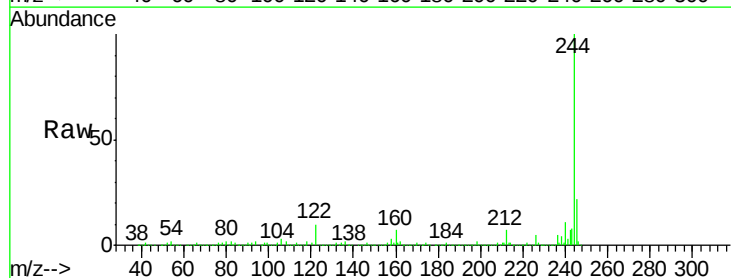


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

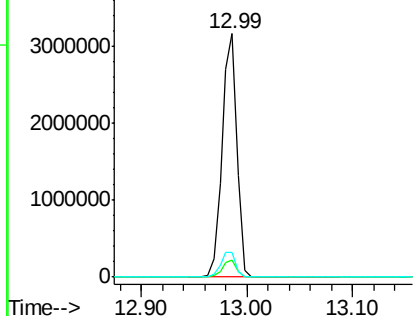
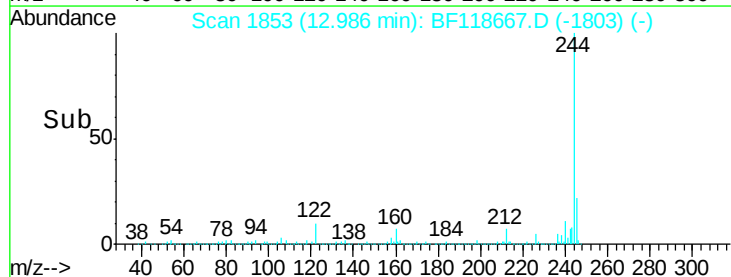


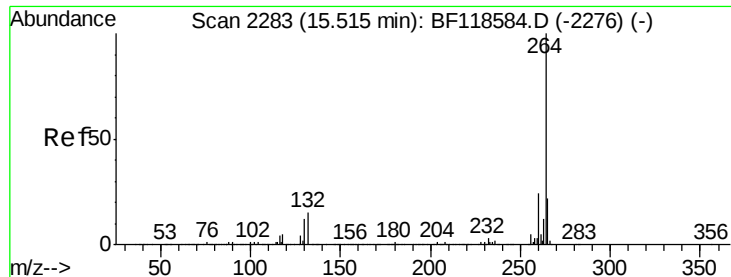
#79
 Terphenyl-d14
 Concen: 63.045 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF118667.D
 Acq: 22 Jan 2020 17:03

Tgt Ion:244 Resp: 3114488
 Ion Ratio Lower Upper
 244 100
 212 7.2 7.0 10.4
 122 10.3 10.7 16.1#



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

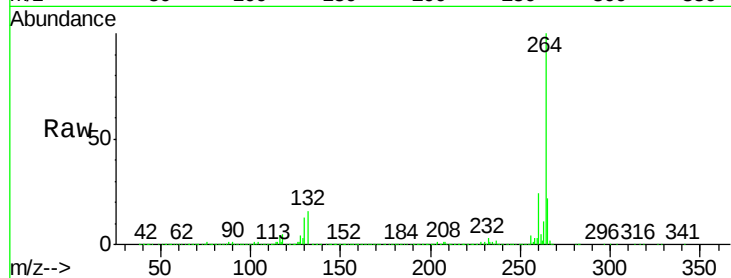




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF118667.D
 Acq: 22 Jan 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 1054168
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.9 17.7 26.5



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

