

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119090.D
 Acq On : 26 Feb 2020 12:56
 Operator : CG/JU
 Sample : L1676-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 16:11:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

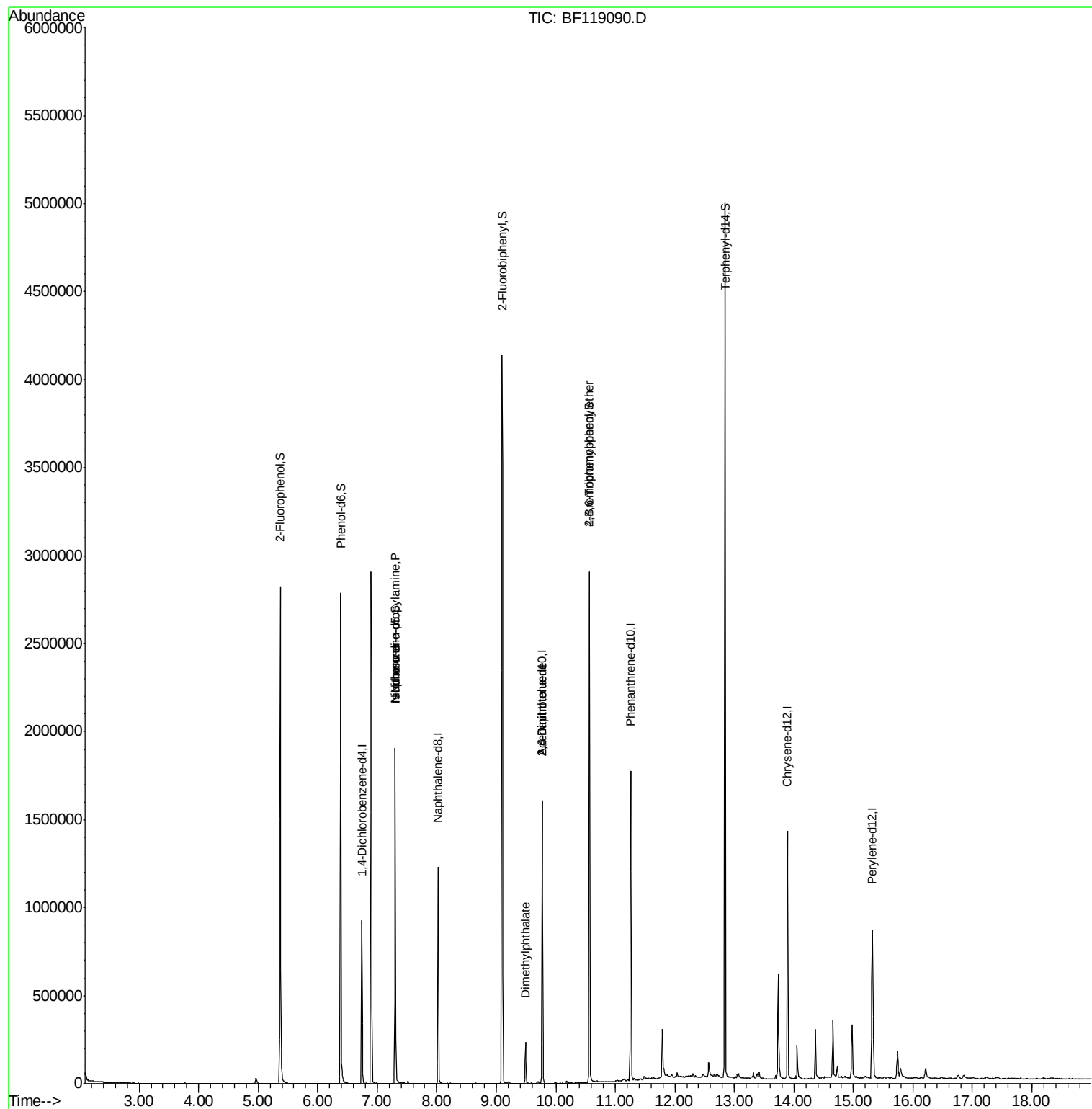
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156109	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	604464	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	334209	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	637964	20.00	ng	0.00
76) Chrysene-d12	13.89	240	503698	20.00	ng	-0.01
87) Perylene-d12	15.32	264	396552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	871202	93.26	ng	0.00
7) Phenol-d6	6.39	99	1083808	95.40	ng	-0.02
23) Nitrobenzene-d5	7.30	82	717707	62.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	409384	93.64	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1463965	64.53	ng	-0.01
79) Terphenyl-d14	12.84	244	1863219	63.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	97894	14.788	ng	# 76
25) Isophorone	7.30	82	713404	35.882	ng	# 63
50) Dimethylphthalate	9.49	163	92428	3.617	ng	100
51) 2,6-Dinitrotoluene	9.77	165	43195	7.608	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	43195	5.869	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	27049	3.244	ng	# 1

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

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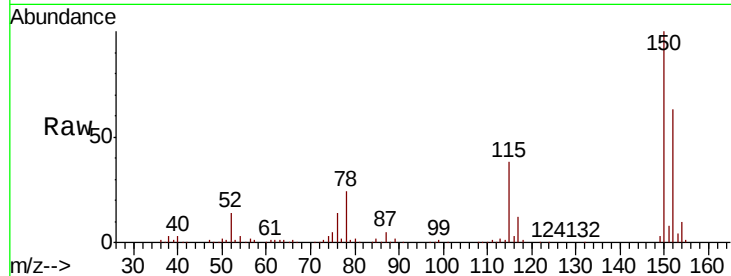


#1

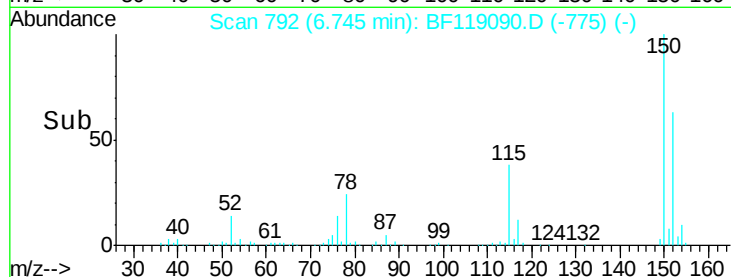
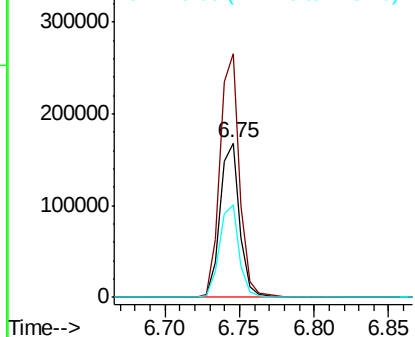
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119090.D
Acq: 26 Feb 2020 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.6
115	59.7	49.5	74.3



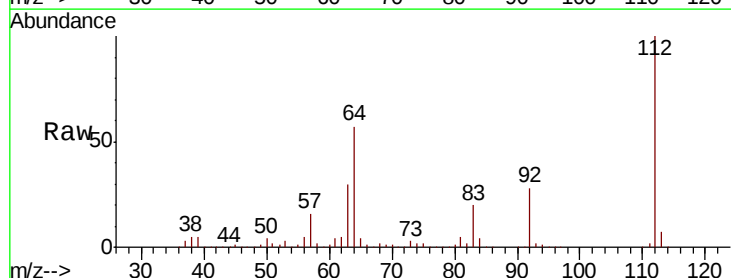
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



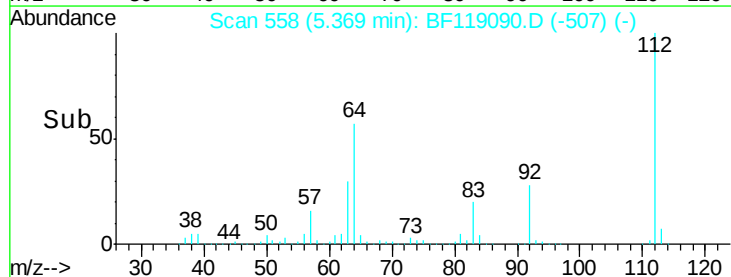
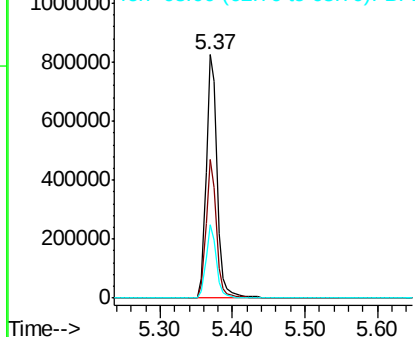
#5

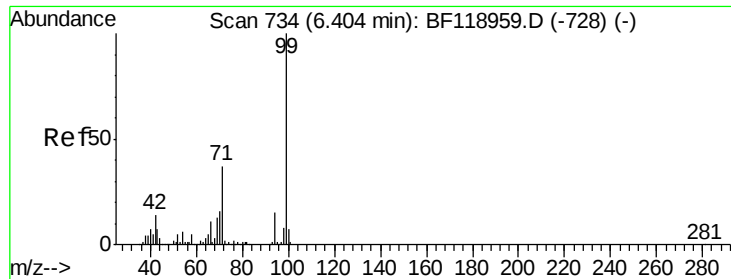
2-Fluorophenol
Concen: 93.264 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119090.D
Acq: 26 Feb 2020 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.0	67.4
63	30.4	24.2	36.4



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: 95.400 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Instrument :

BNA_F

ClientSampled :

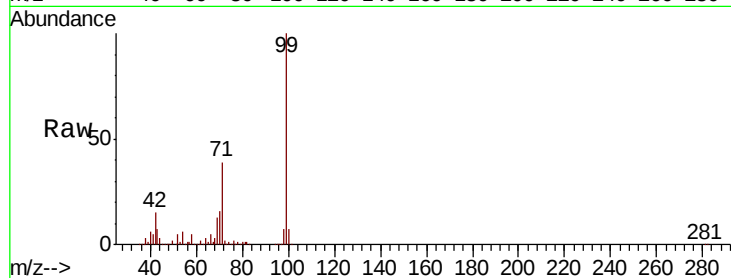
Tot Ion: 99 Resp: 1083808

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

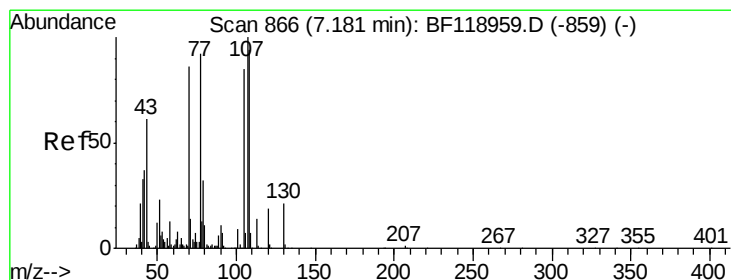
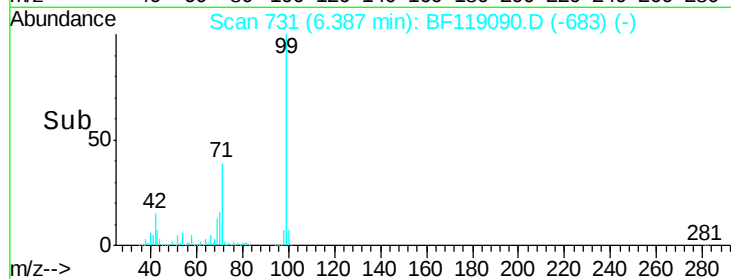
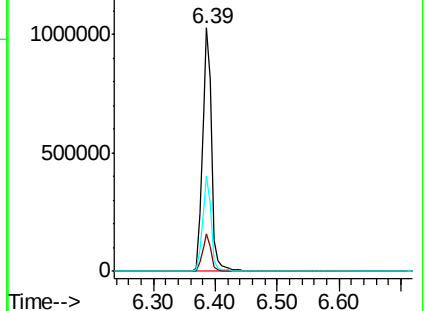
71 38.9 31.0 46.4



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: 14.788 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Tgt Ion: 70 Resp: 97894

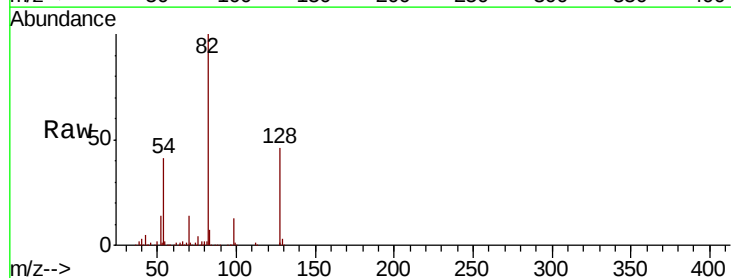
Ion Ratio Lower Upper

70 100

42 37.5 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#

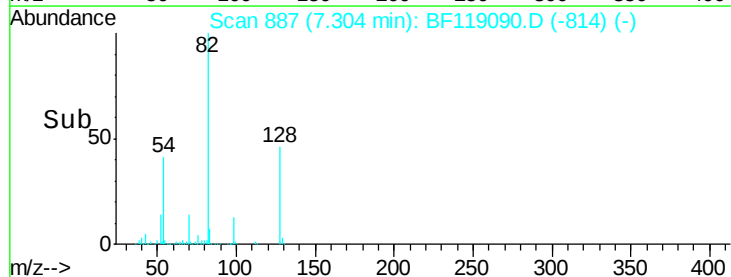
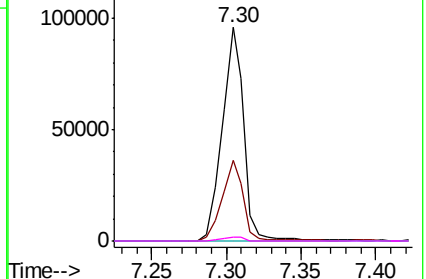


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 604464

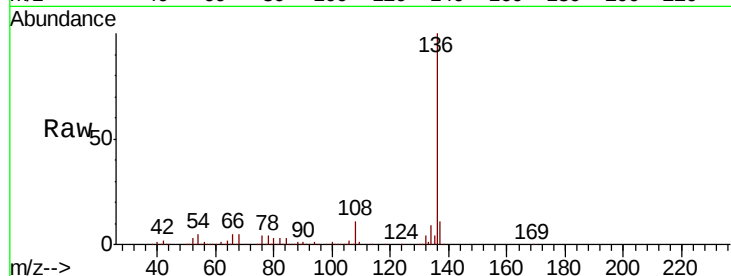
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.3 3.8 5.6

68 5.4 3.9 5.9

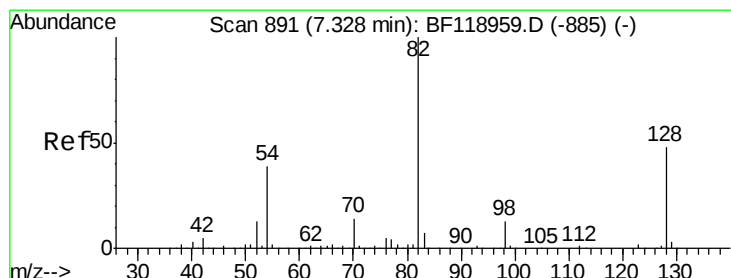
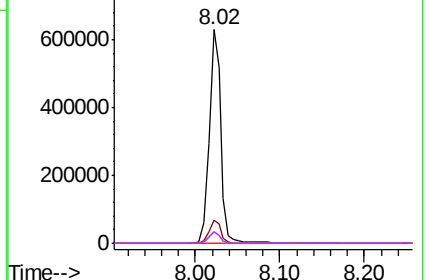
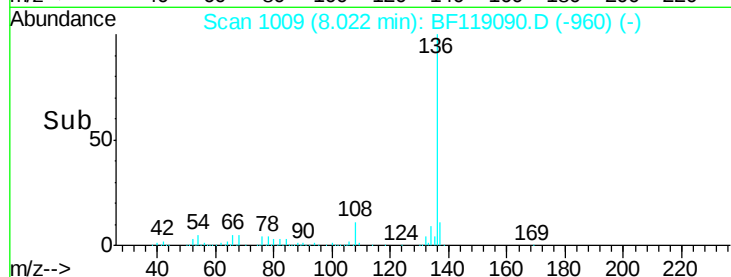


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.692 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

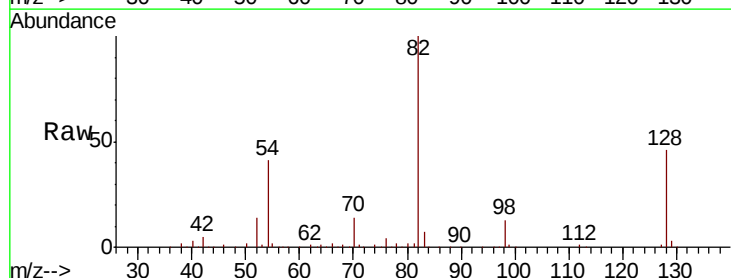
Tgt Ion: 82 Resp: 717707

Ion Ratio Lower Upper

82 100

128 45.8 37.9 56.9

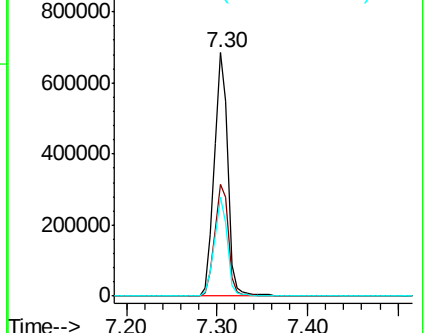
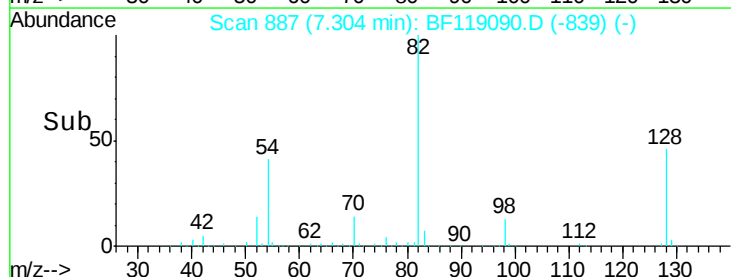
54 40.5 33.4 50.2



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: 35.882 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Instrument :

BNA_F

ClientSampleId :

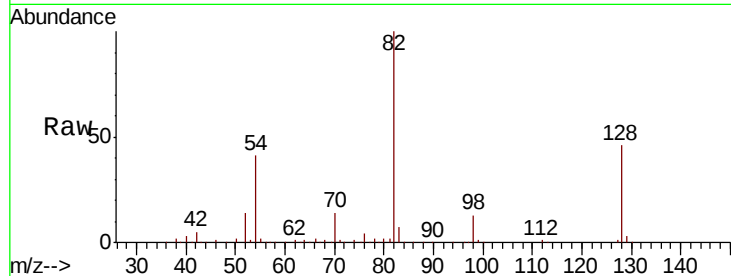
Tot Ion: 82 Resp: 713404

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#

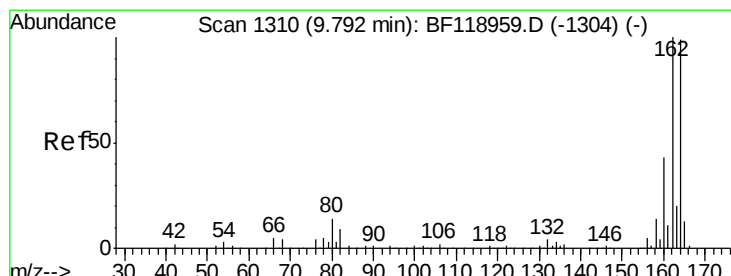
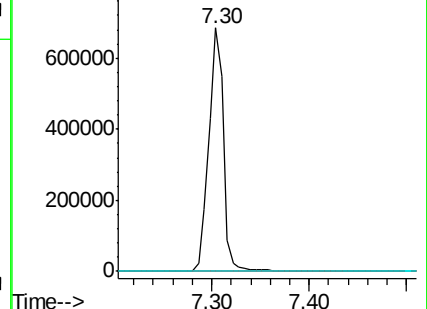
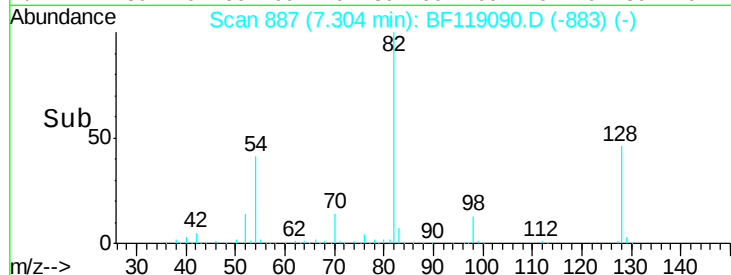


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

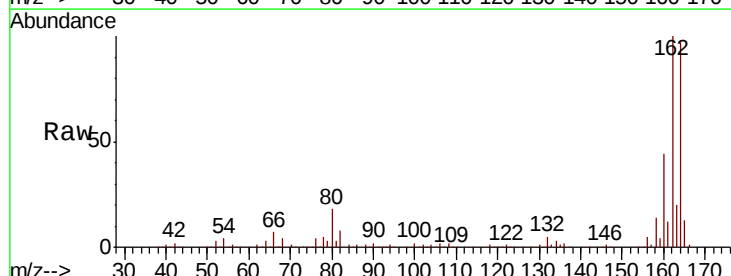
Tgt Ion: 164 Resp: 334209

Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.8

160 45.3 36.0 54.0

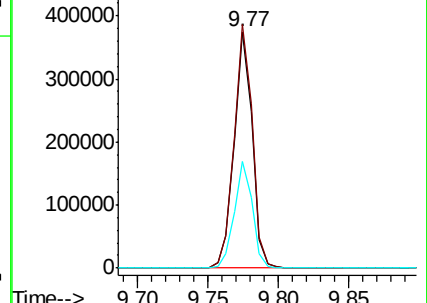
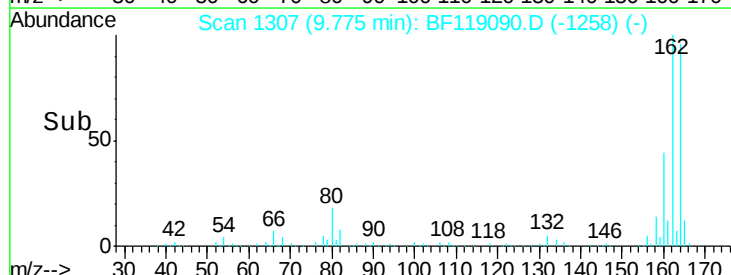


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

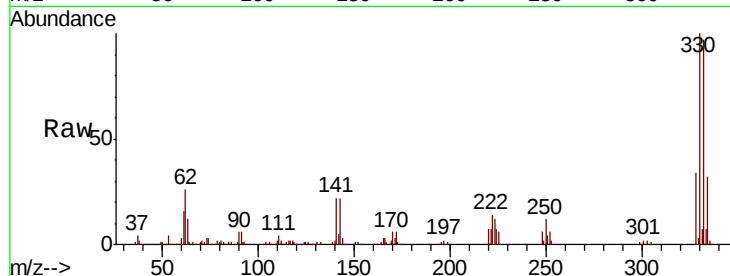




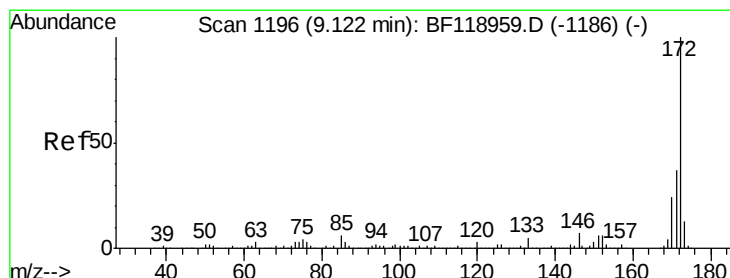
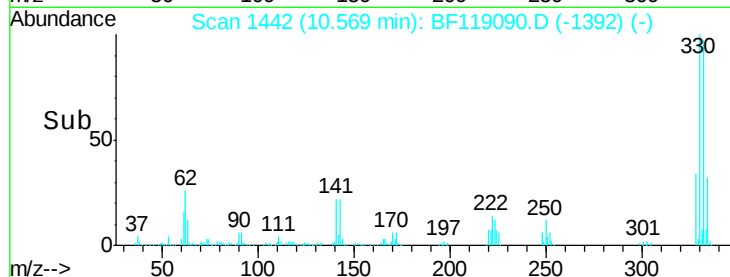
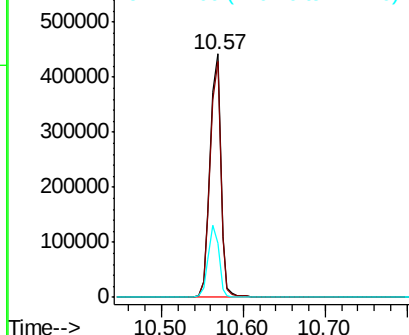
#42
 2,4,6-Tribromophenol
 Concen: 93.637 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119090.D
 Acq: 26 Feb 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	29.4	22.9	34.3

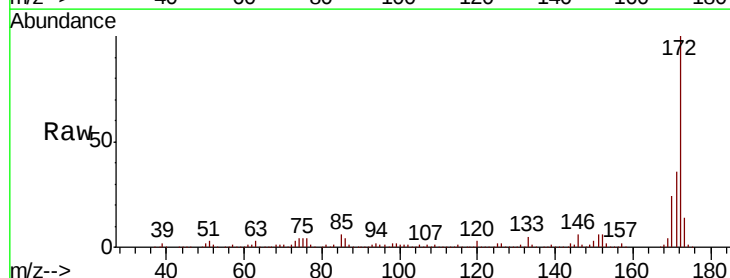


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

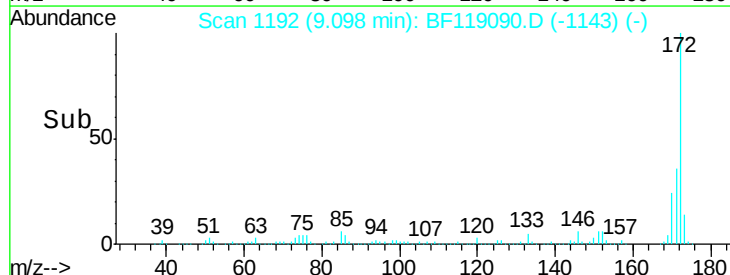
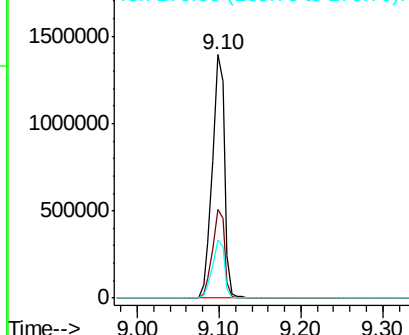


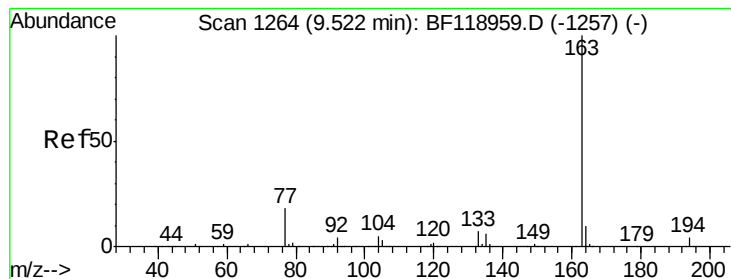
#45
 2-Fluorobiphenyl
 Concen: 64.531 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119090.D
 Acq: 26 Feb 2020 12:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	23.8	20.2	30.2



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





#50

Dimethylphthalate

Concen: 3.617 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Instrument :

BNA_F

ClientSampleId :

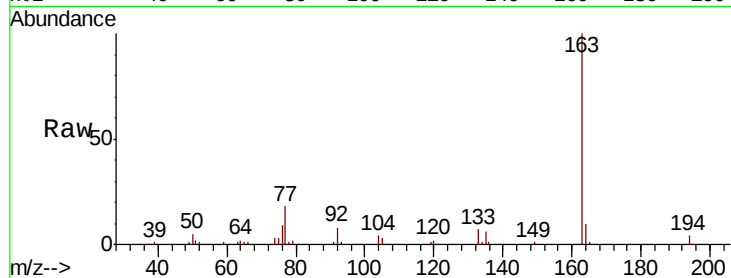
Tot Ion:163 Resp: 92428

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

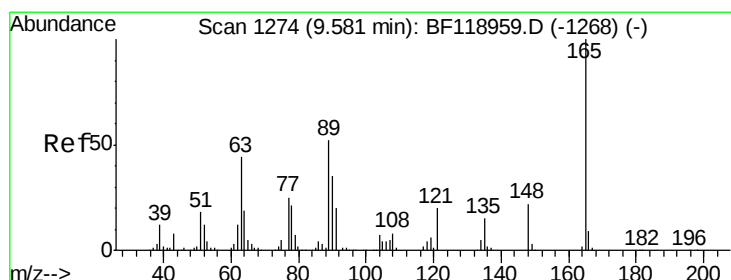
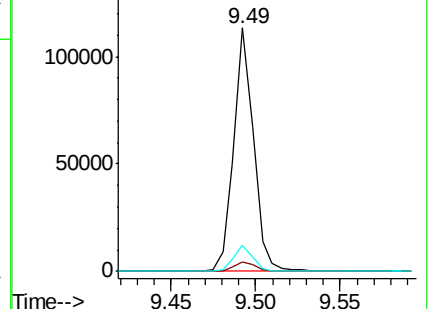
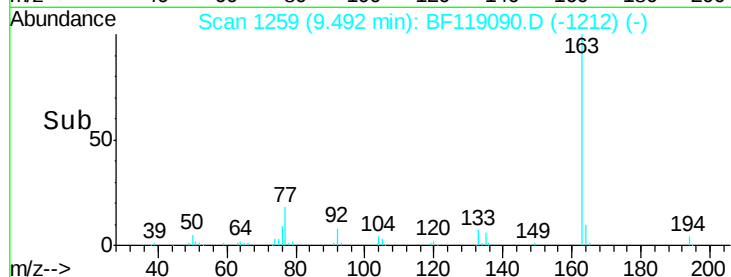
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.608 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

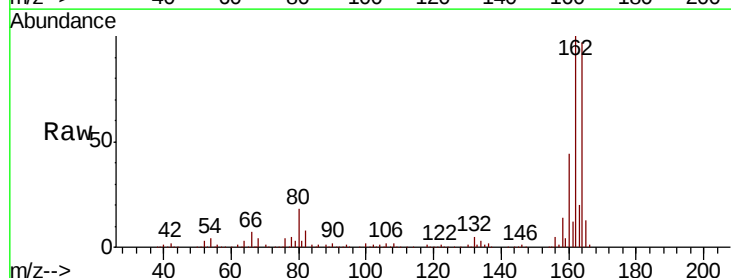
Tgt Ion:165 Resp: 43195

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

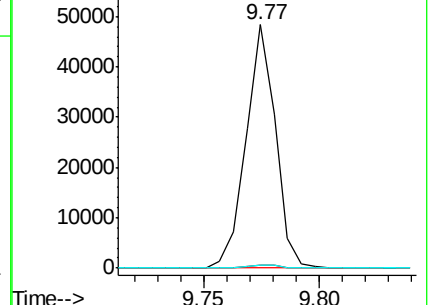
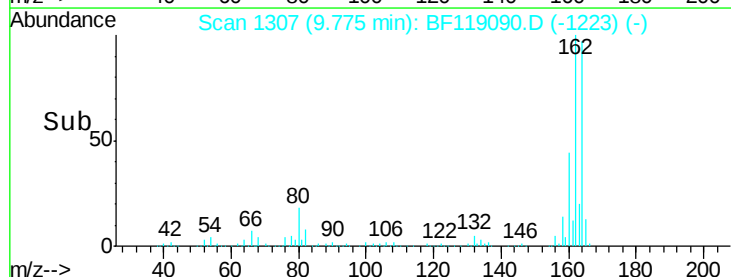
89 1.1 38.3 57.5#



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

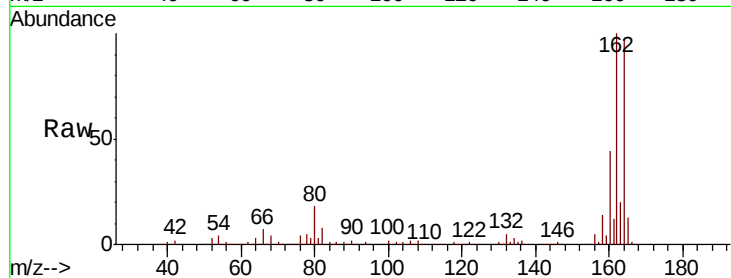




#57
2,4-Dinitrotoluene
Concen: 5.869 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.21 min
Lab File: BF119090.D
Acq: 26 Feb 2020 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.3	63.5#
89	1.1	60.2	90.4#
182	0.0	2.3	3.5#

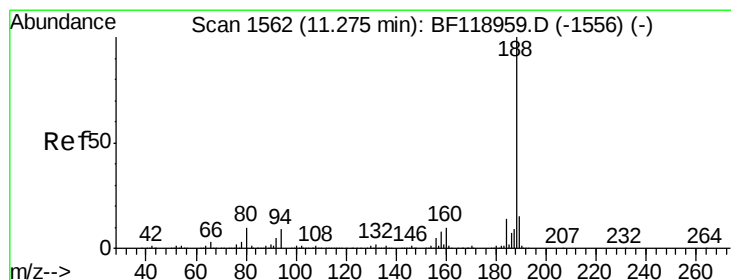
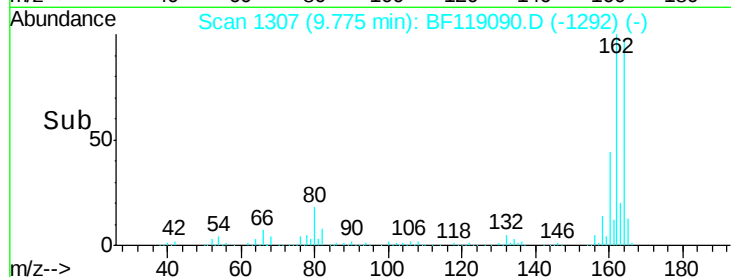
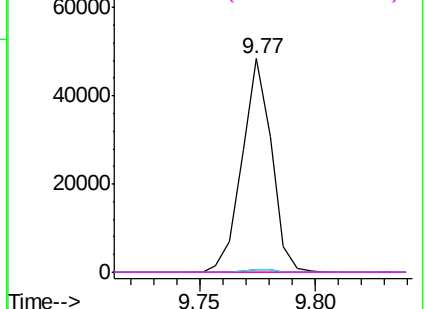


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

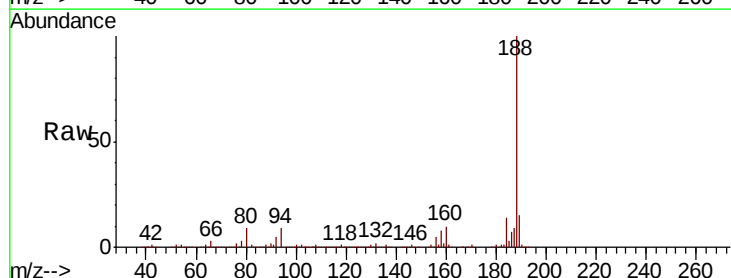
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119090.D
Acq: 26 Feb 2020 12:56

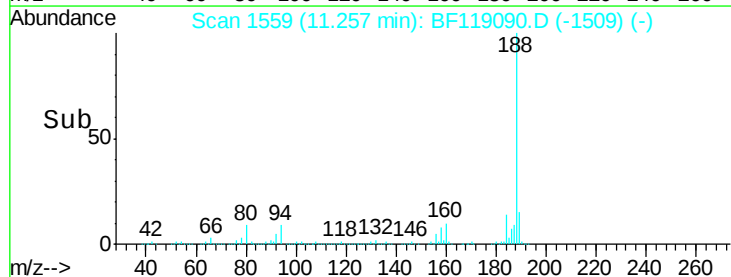
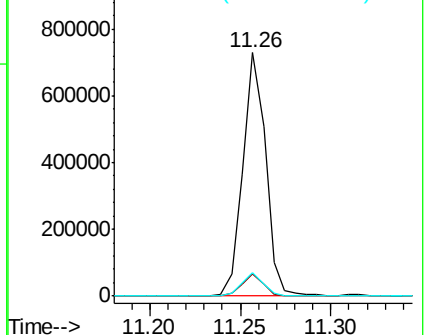
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.4	7.8	11.8

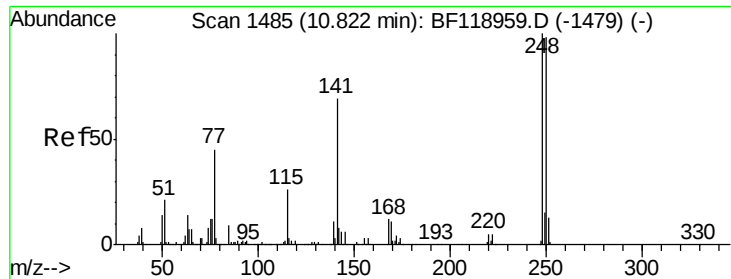


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

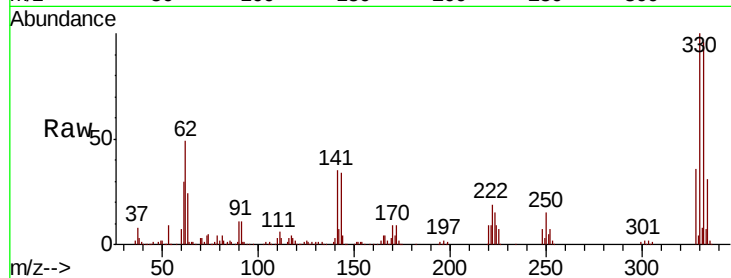




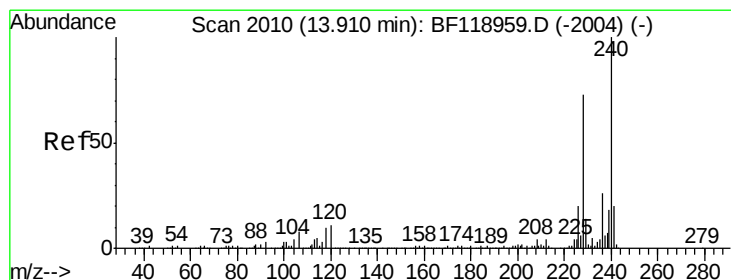
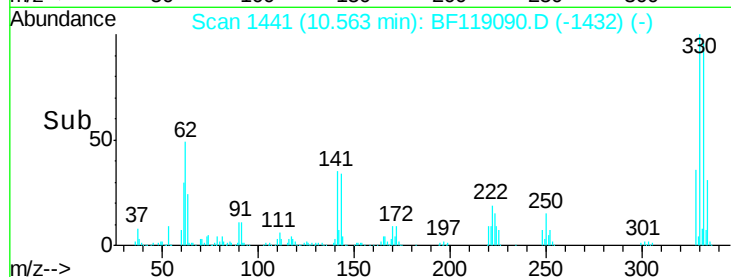
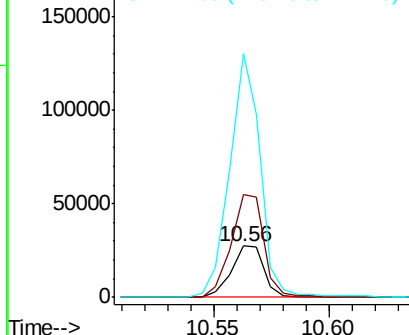
#67
4-Bromophenyl-phenylether
Concen: 3.244 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119090.D
Acq: 26 Feb 2020 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27049
Ion Ratio Lower Upper
248 100
250 199.9 76.7 115.1#
141 472.8 60.7 91.1#

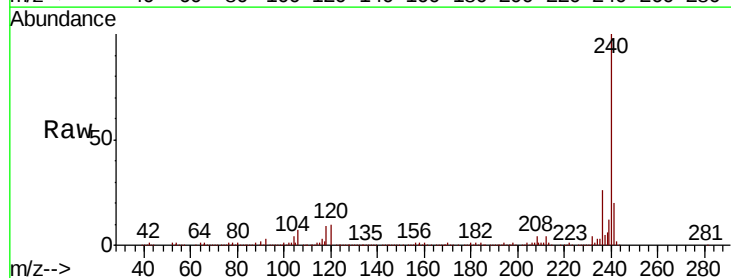


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

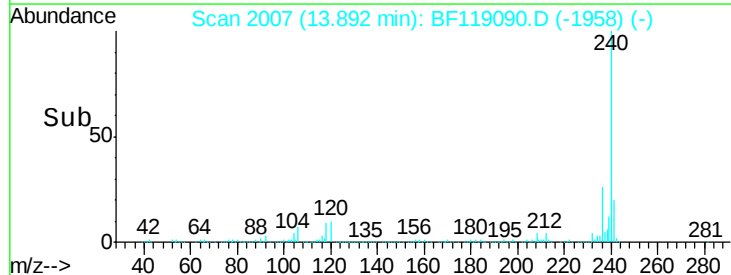
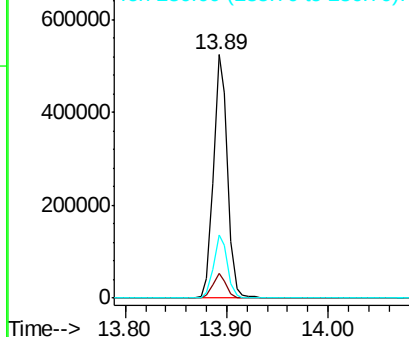


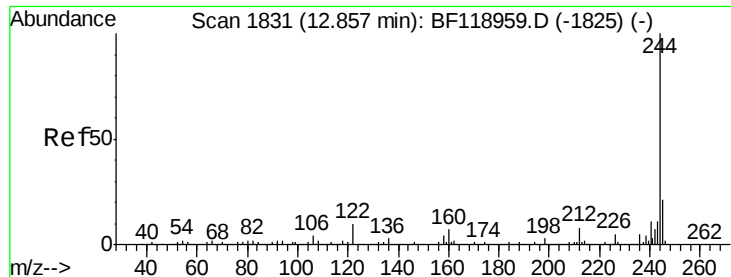
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119090.D
Acq: 26 Feb 2020 12:56

Tgt Ion:240 Resp: 503698
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.1 21.0 31.4



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: 63.686 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

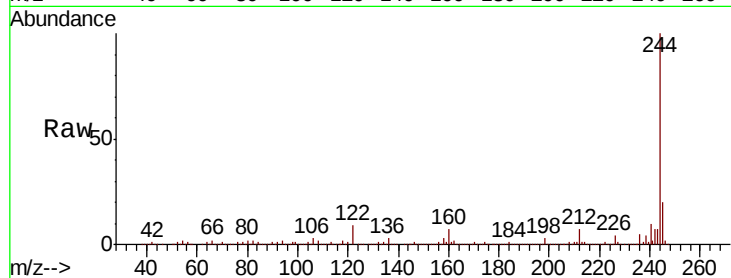
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1863219

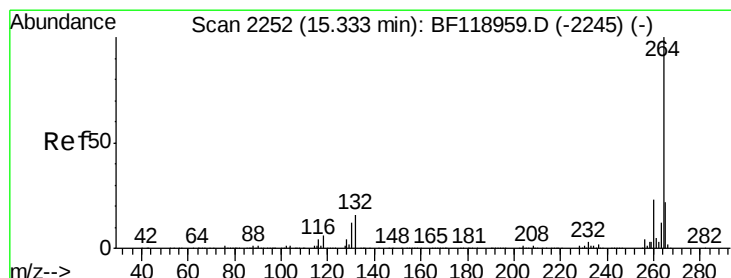
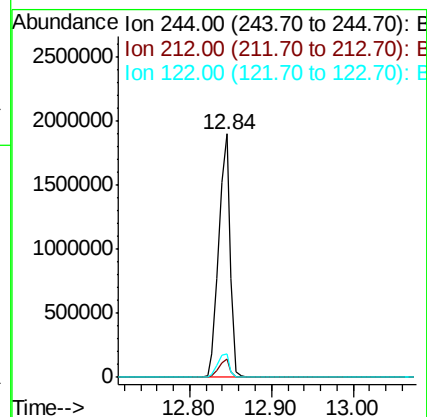
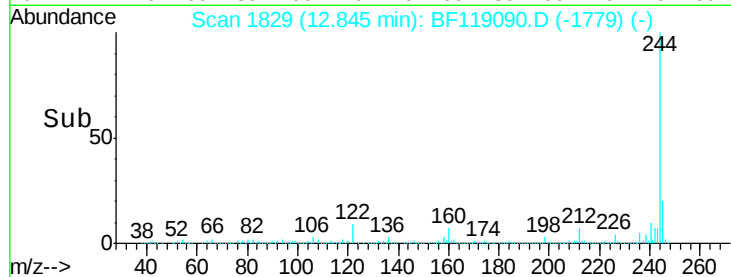
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	9.4	8.2	12.2



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: 15.32 min Scan# 2249

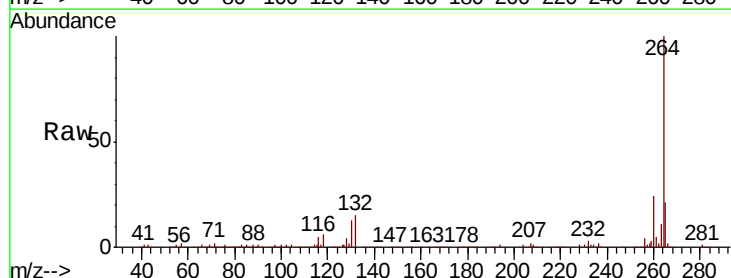
Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Tgt Ion:264 Resp: 396552

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.1	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

