

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118024.D
 Acq On : 27 Nov 2019 3:08
 Operator : JU
 Sample : K6014-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 07:49:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

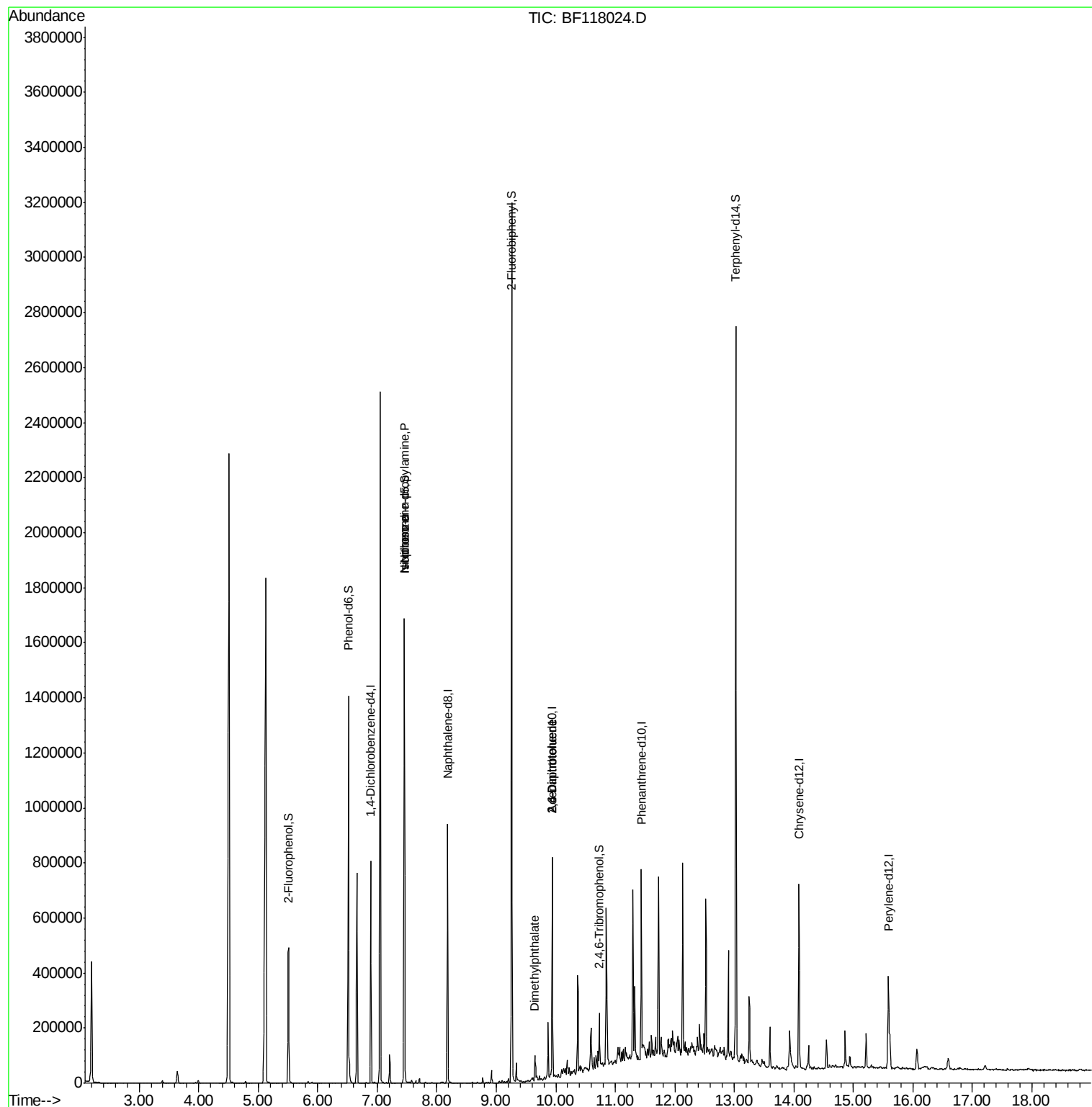
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	109871	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	390296	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	167278	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	256281	20.00	ng	0.00
76) Chrysene-d12	14.09	240	200798	20.00	ng	0.00
87) Perylene-d12	15.59	264	161715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	145109	23.38	ng	0.01
7) Phenol-d6	6.52	99	444552	59.38	ng	0.00
23) Nitrobenzene-d5	7.46	82	527343	80.32	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	23879	13.48	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	979698	105.07	ng	0.00
79) Terphenyl-d14	13.03	244	888233	80.84	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	4188	Below Cal		88
19) n-Nitroso-di-n-propylamine	7.46	70	71512	15.483 ng	#	74
25) Isophorone	7.46	82	527334	43.821 ng	#	62
50) Dimethylphthalate	9.65	163	24402	2.080 ng		97
51) 2,6-Dinitrotoluene	9.95	165	22196	8.658 ng	#	23
57) 2,4-Dinitrotoluene	9.95	165	22196	6.806 ng	#	25
75) Fluoranthene	12.66	202	2356	Below Cal		70

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

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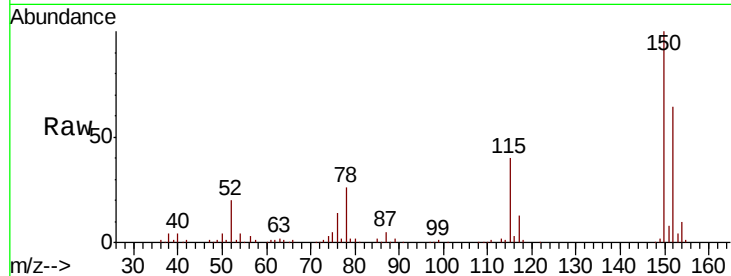


#1

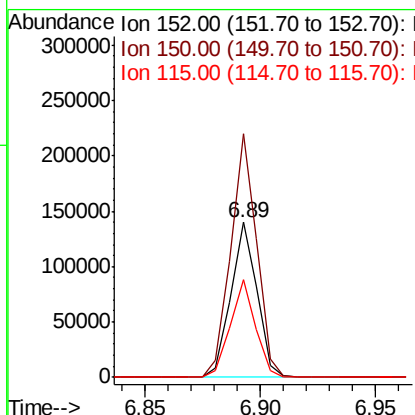
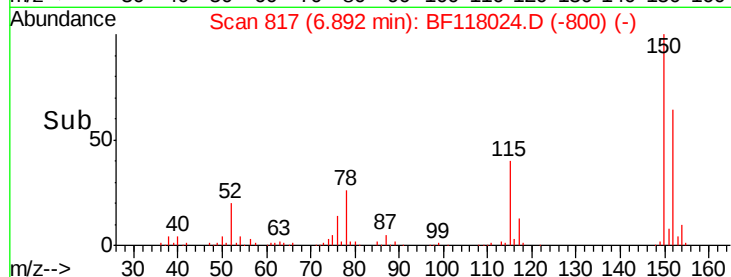
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118024.D
Acq: 27 Nov 2019 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109871
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 63.0 47.0 70.4



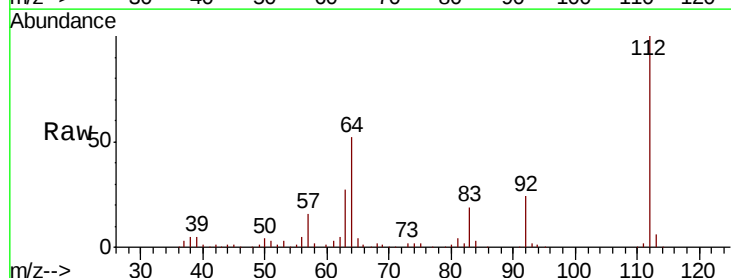
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



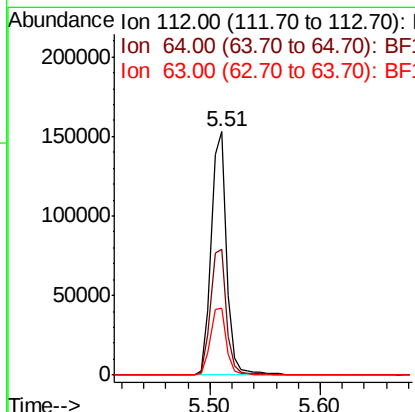
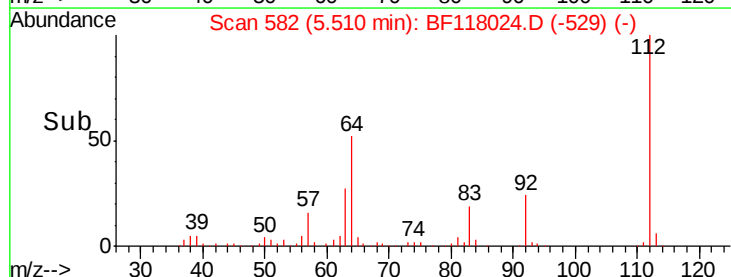
#5

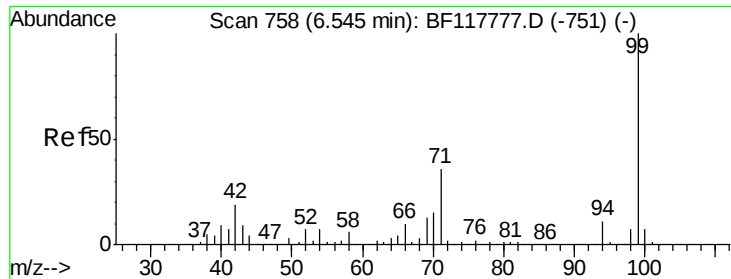
2-Fluorophenol
Concen: 23.378 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118024.D
Acq: 27 Nov 2019 3:08

Tgt Ion:112 Resp: 145109
Ion Ratio Lower Upper
112 100
64 51.7 45.6 68.4
63 27.4 24.1 36.1



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: 59.379 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

Instrument :

BNA_F

ClientSampleId :

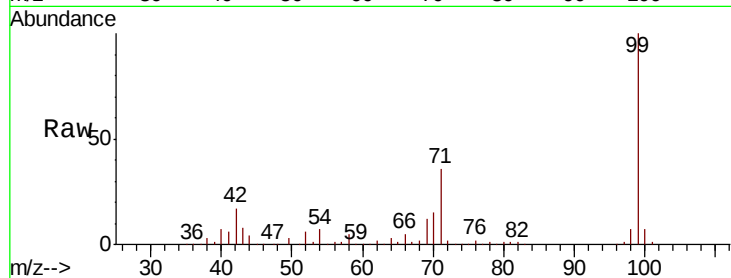
Tot Ion: 99 Resp: 444552

Ion Ratio Lower Upper

99 100

42 16.9 14.9 22.3

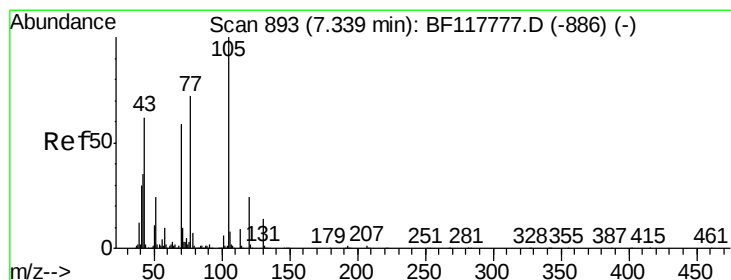
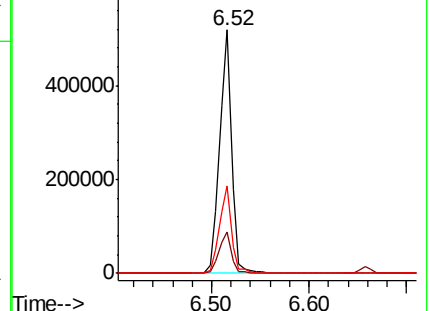
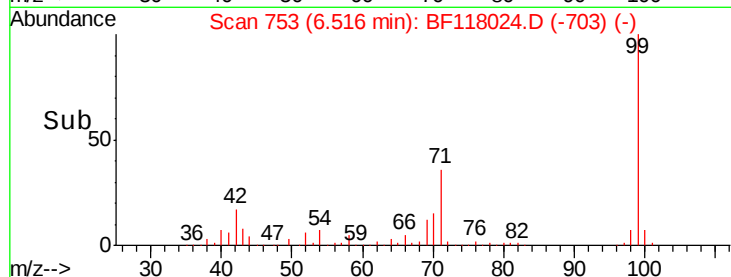
71 35.7 28.6 43.0



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: 15.483 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

Tgt Ion: 70 Resp: 71512

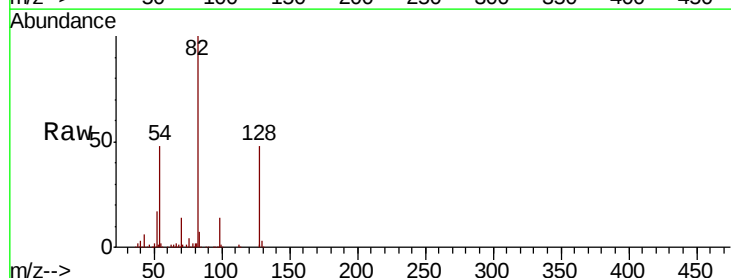
Ion Ratio Lower Upper

70 100

42 45.1 47.4 71.2#

101 0.0 8.4 12.6#

130 2.1 18.8 28.2#

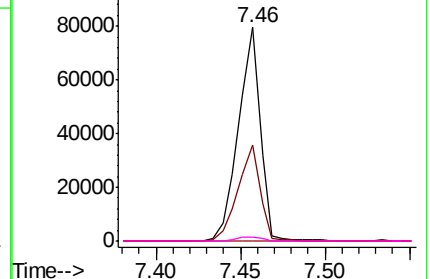
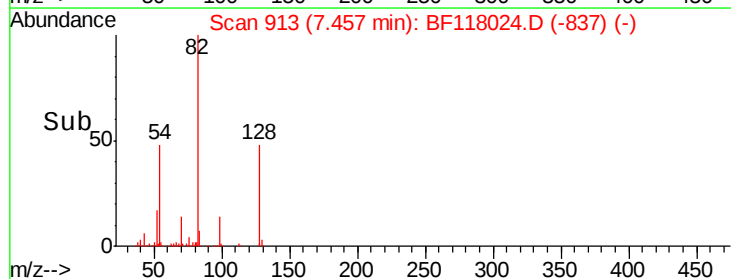


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

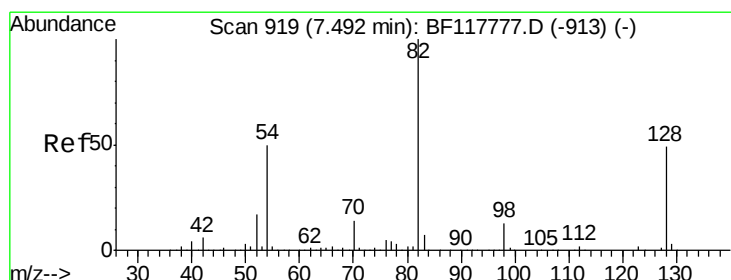
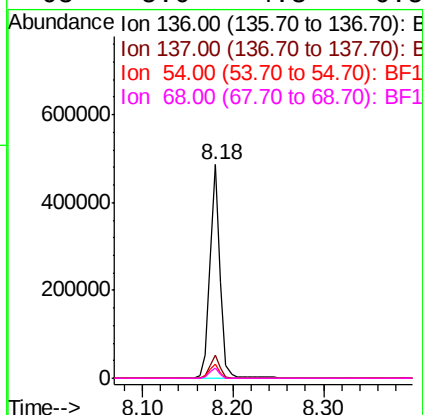
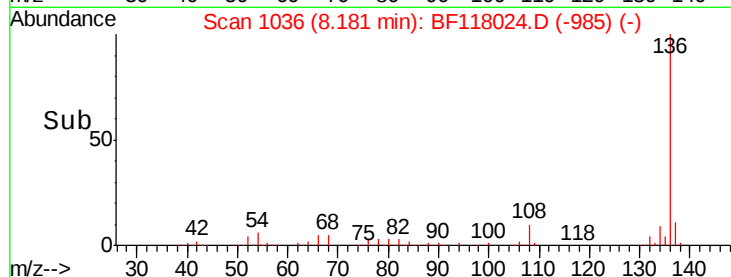
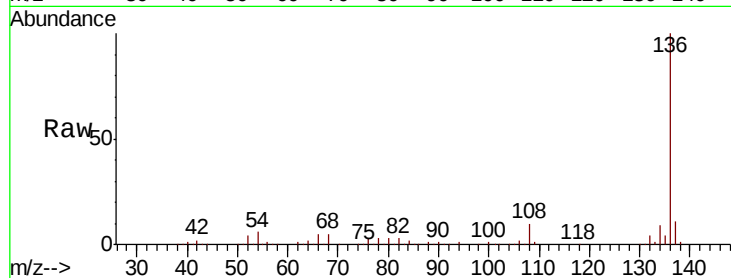




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118024.D
Acq: 27 Nov 2019 3:08

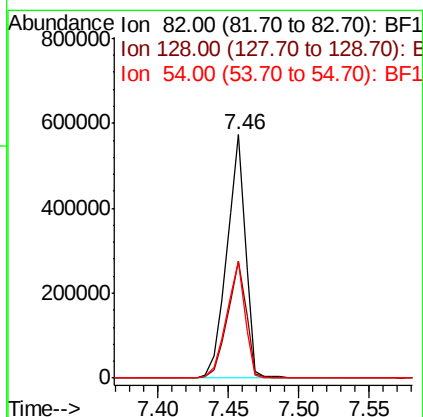
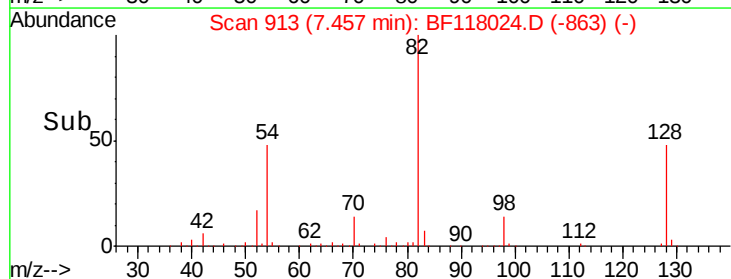
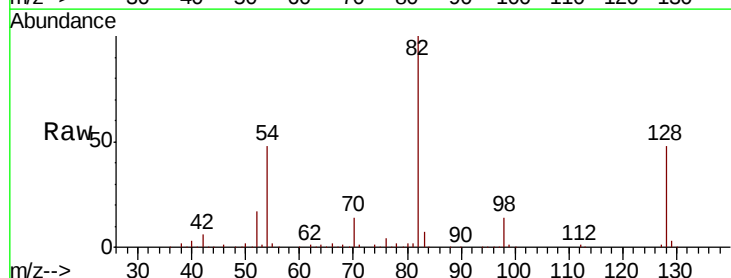
Instrument :
BNA_F
ClientSampleId :

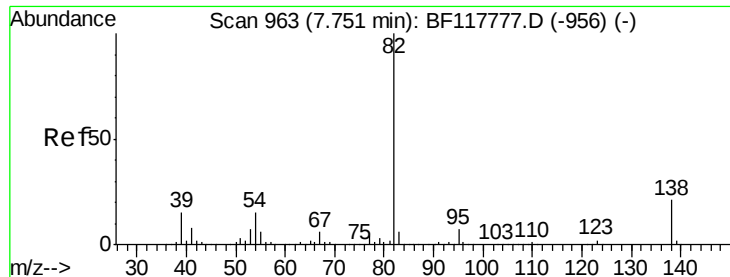
Tot Ion:136	Resp:	390296
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.4
54	6.3	5.4 8.2
68	5.0	4.3 6.5



#23
Nitrobenzene-d5
Concen: 80.319 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118024.D
Acq: 27 Nov 2019 3:08

Tgt Ion: 82	Resp:	527343
Ion Ratio	Lower	Upper
82	100	
128	48.2	38.9 58.3
54	48.1	39.8 59.6

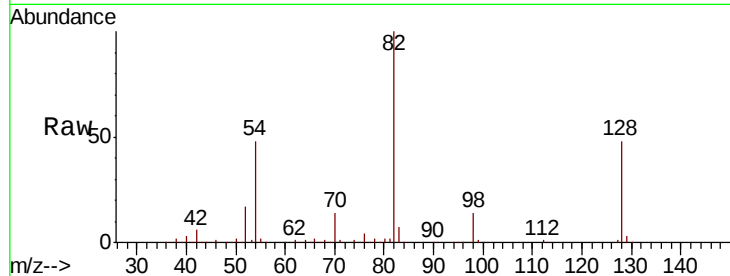




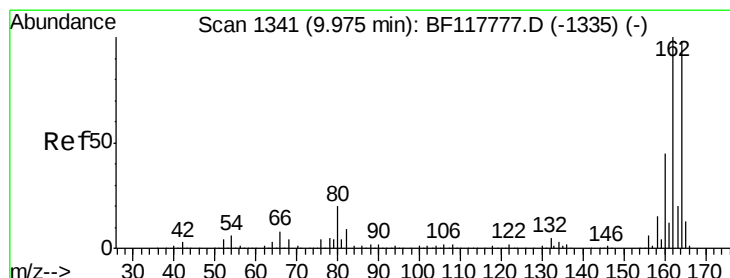
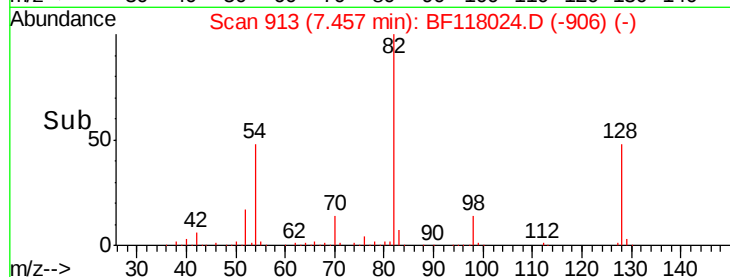
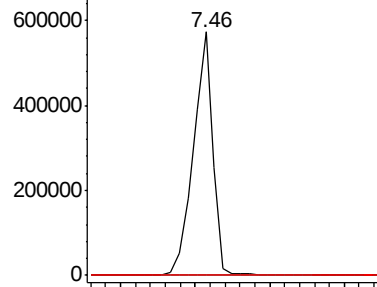
#25
Isophorone
Concen: 43.821 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF118024.D
Acq: 27 Nov 2019 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 527334
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.8#
138 0.0 16.5 24.7#

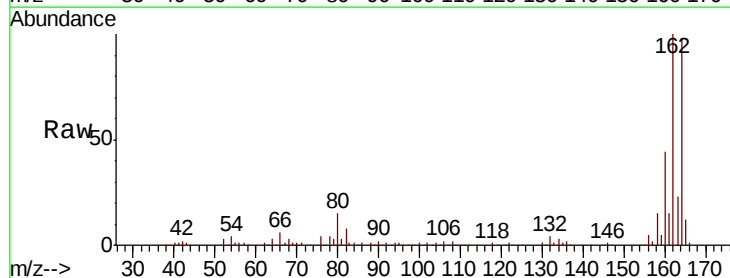


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

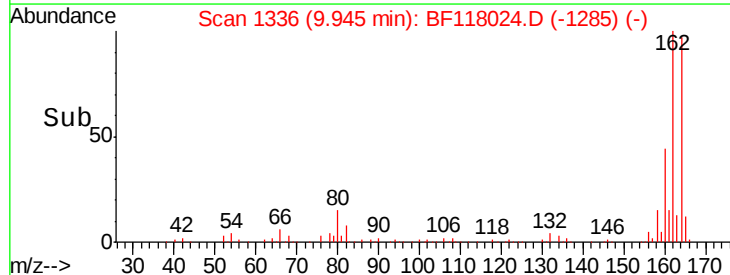
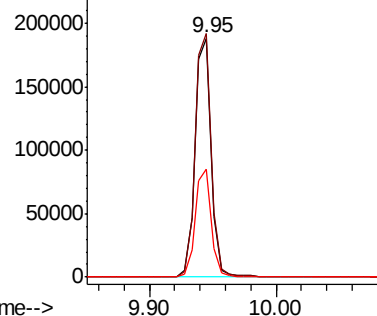


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118024.D
Acq: 27 Nov 2019 3:08

Tgt Ion:164 Resp: 167278
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 44.9 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: 13.484 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

Instrument :

BNA_F

ClientSampled :

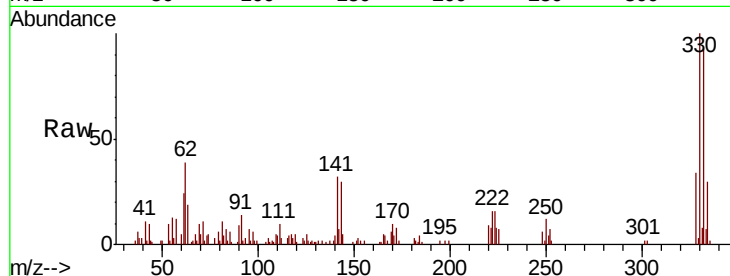
Tot Ion:330 Resp: 23879

Ion Ratio Lower Upper

330 100

332 92.5 76.7 115.1

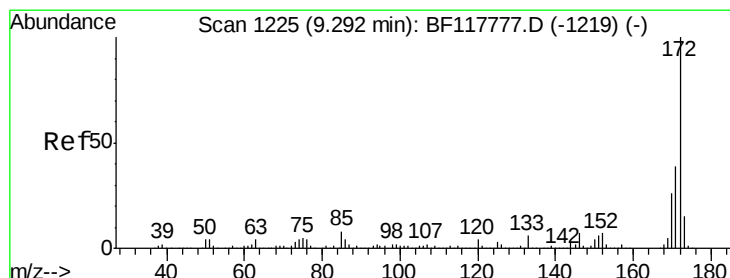
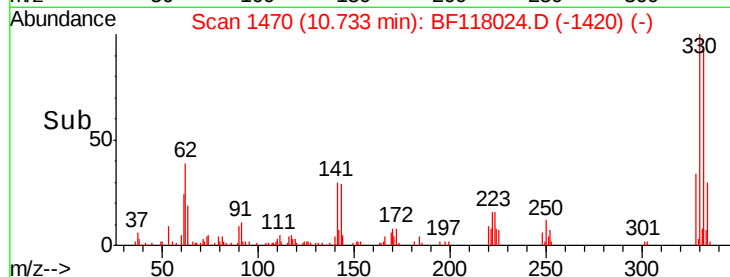
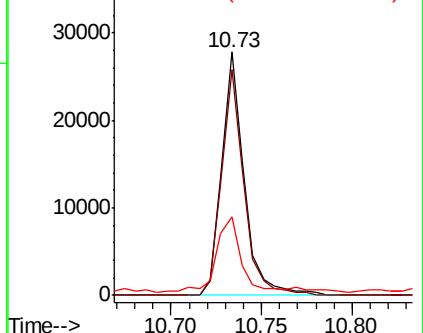
141 33.1 27.7 41.5



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: 105.071 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

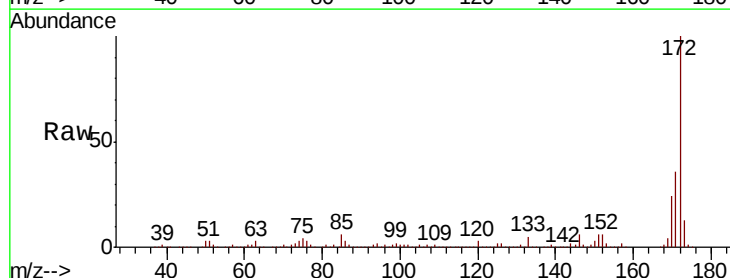
Tgt Ion:172 Resp: 979698

Ion Ratio Lower Upper

172 100

171 36.2 30.9 46.3

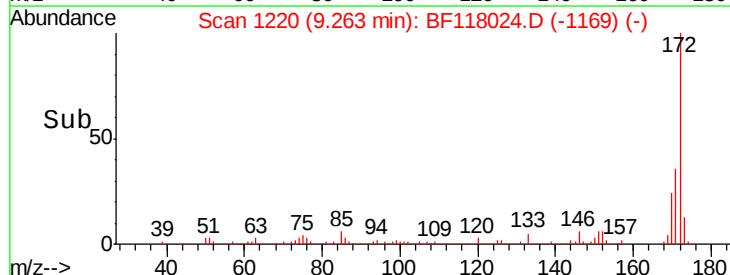
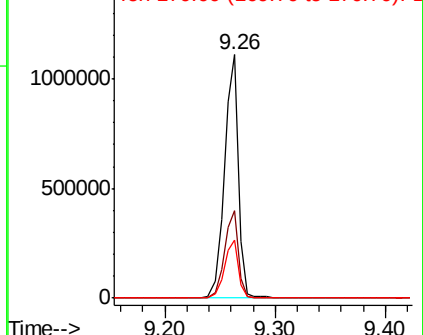
170 23.6 21.0 31.4

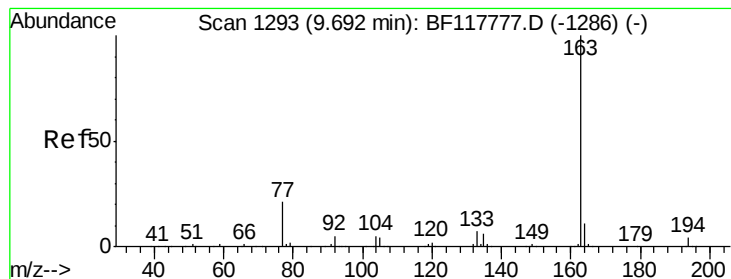


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.080 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

Instrument :

BNA_F

ClientSampleId :

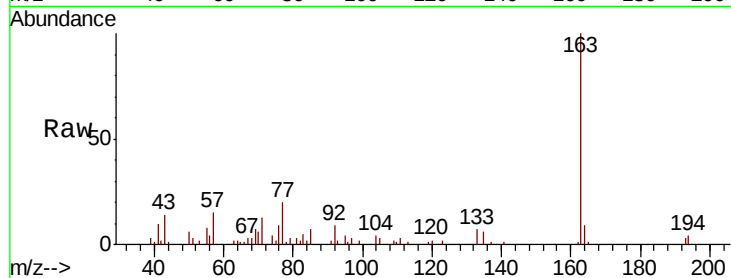
Tot Ion:163 Resp: 24402

Ion Ratio Lower Upper

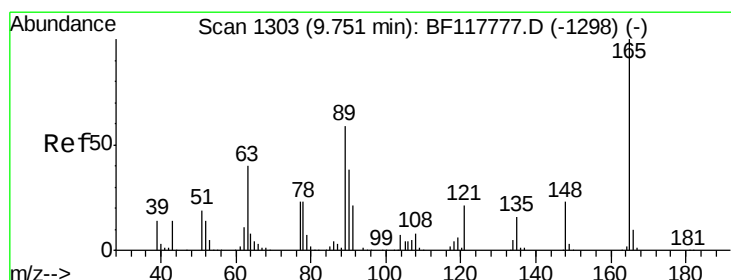
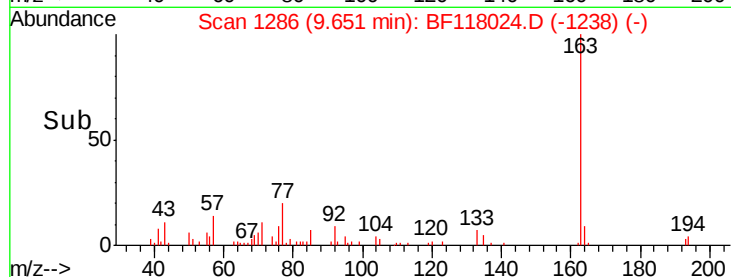
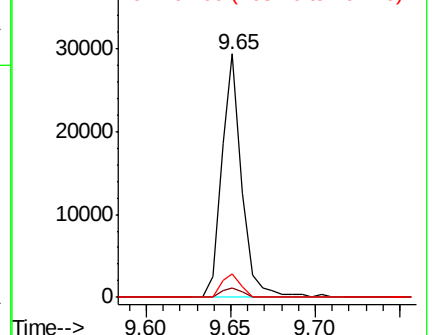
163 100

194 4.0 3.3 4.9

164 9.4 8.7 13.1



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: 8.658 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.22 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

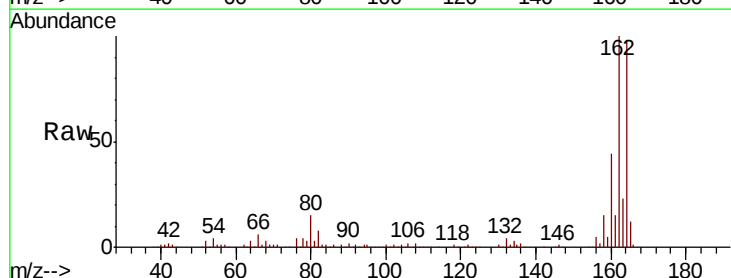
Tgt Ion:165 Resp: 22196

Ion Ratio Lower Upper

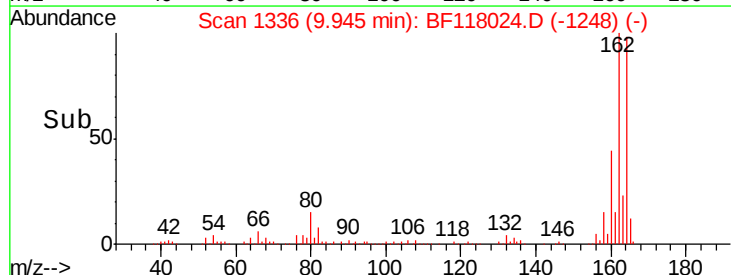
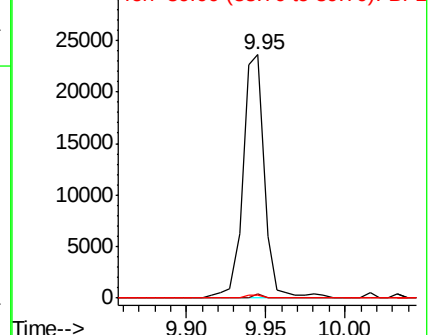
165 100

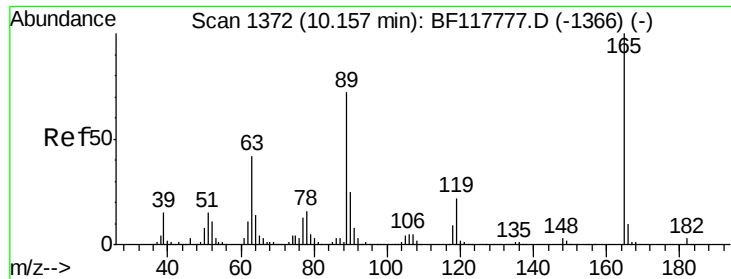
63 1.5 46.0 69.0#

89 1.3 47.7 71.5#



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

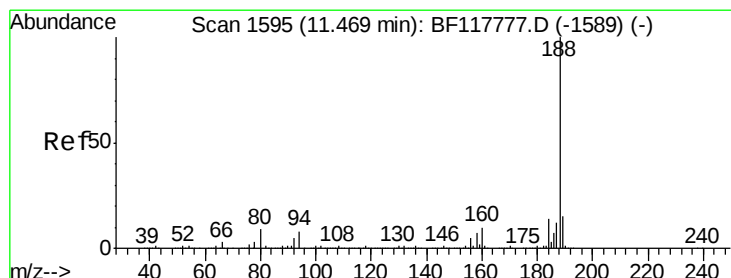
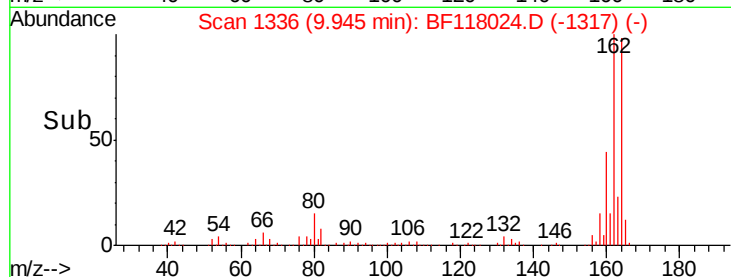
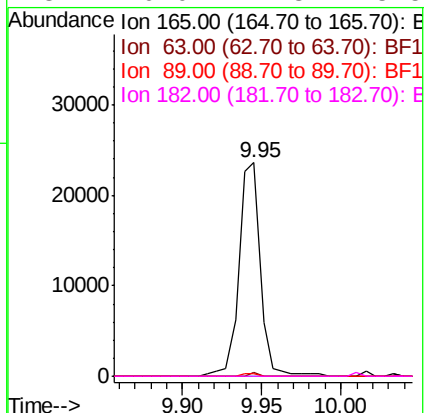
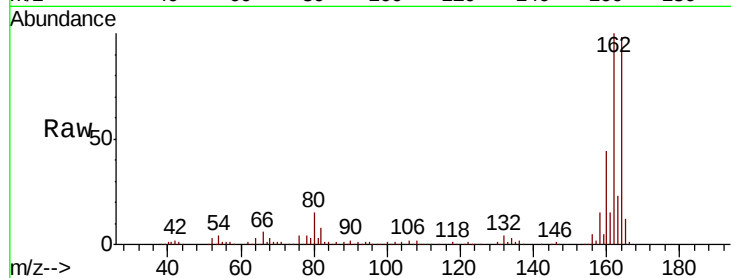




#57
 2,4-Dinitrotoluene
 Concen: 6.806 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.19 min
 Lab File: BF118024.D
 Acq: 27 Nov 2019 3:08

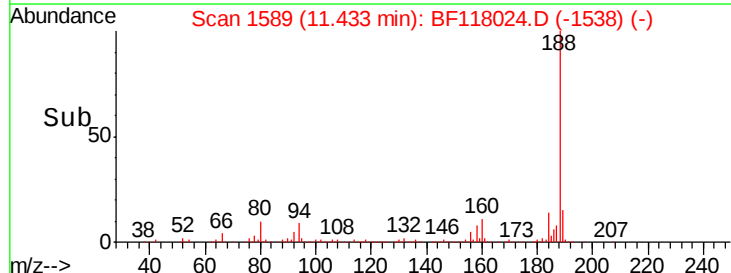
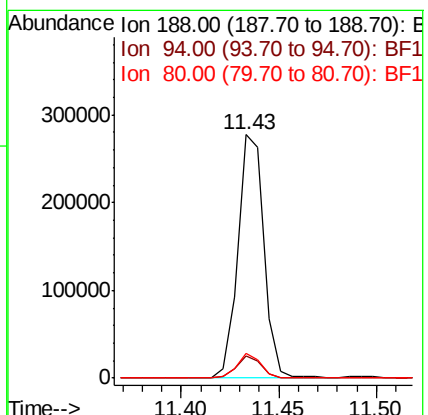
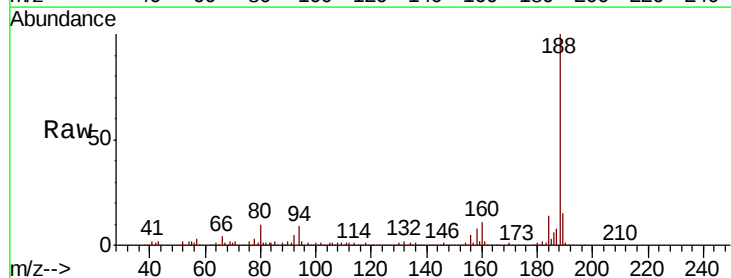
Instrument :
 BNA_F
 ClientSampleId :

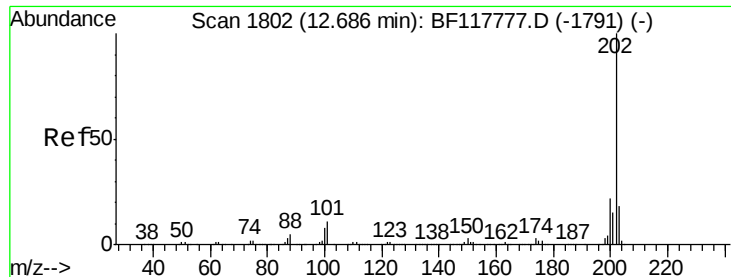
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF118024.D
 Acq: 27 Nov 2019 3:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	10.0	7.2	10.8





#75

Fluoranthene

Concen: Below Cal

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

Instrument :

BNA_F

ClientSampleId :

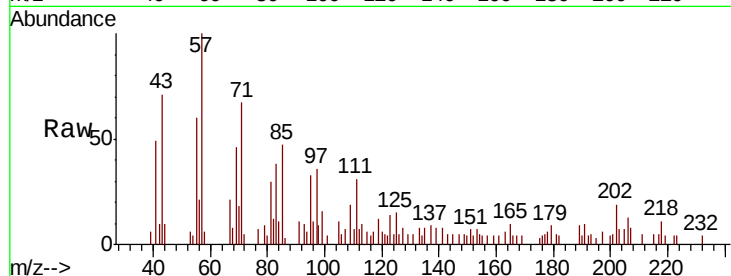
Tot Ion:202 Resp: 2356

Ion Ratio Lower Upper

202 100

101 18.7 0.0 31.1

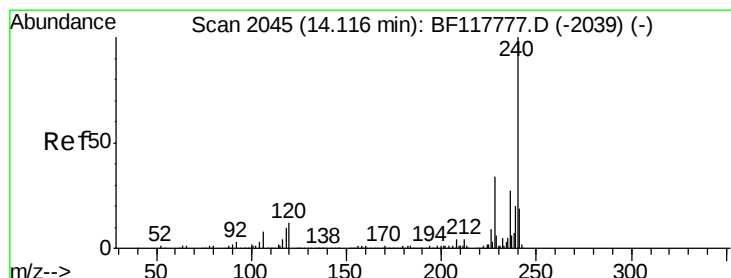
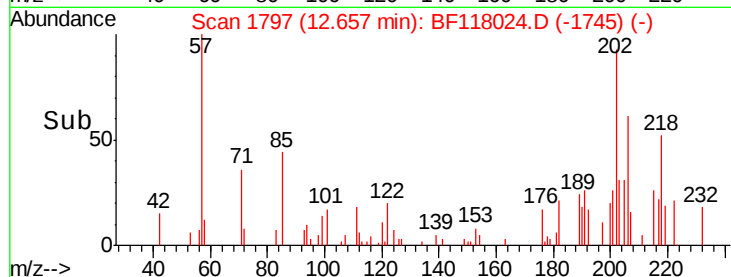
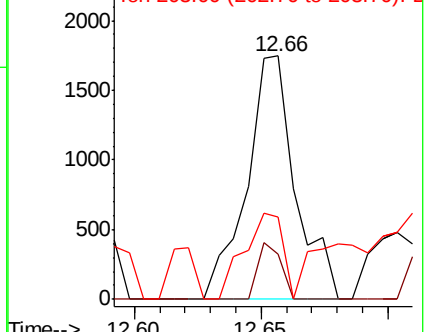
203 33.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

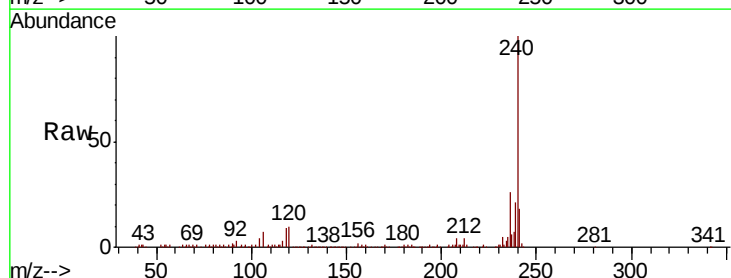
Tgt Ion:240 Resp: 200798

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

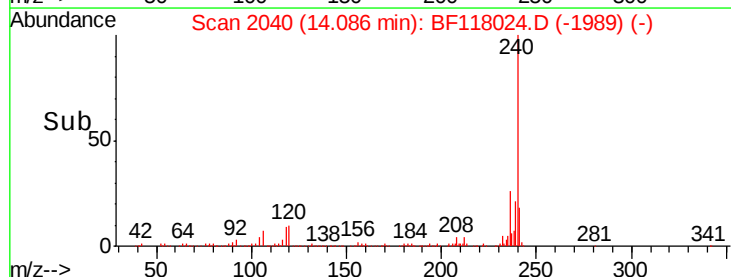
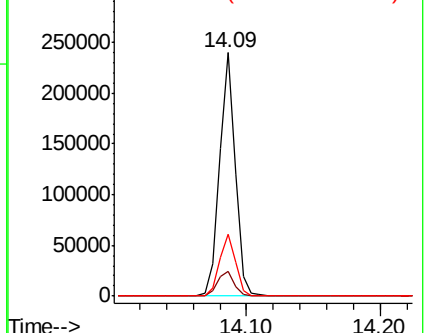
236 25.5 21.3 31.9

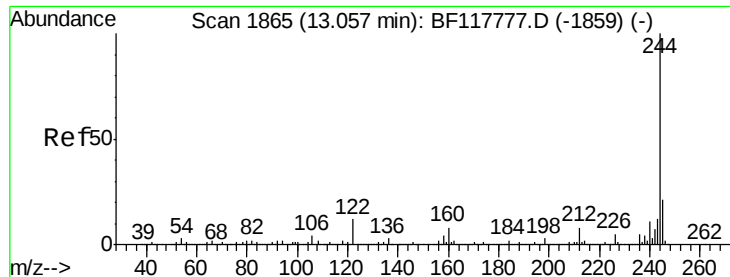


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.845 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

Instrument :

BNA_F

ClientSampleId :

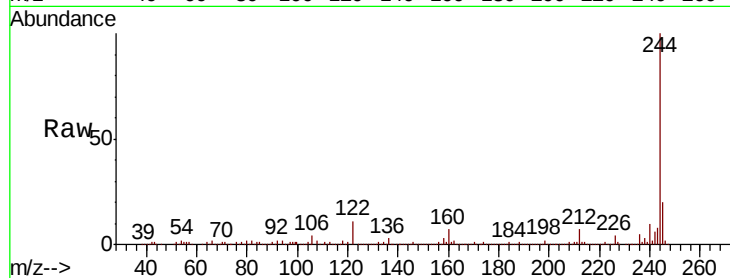
Tot Ion:244 Resp: 888233

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

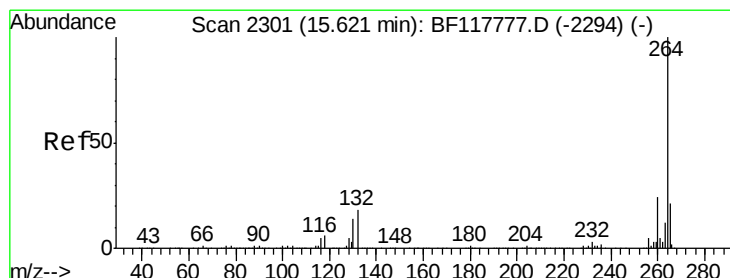
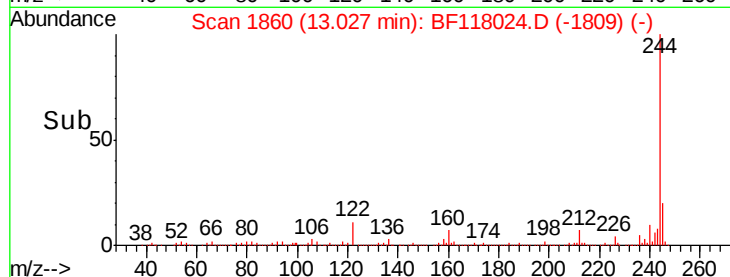
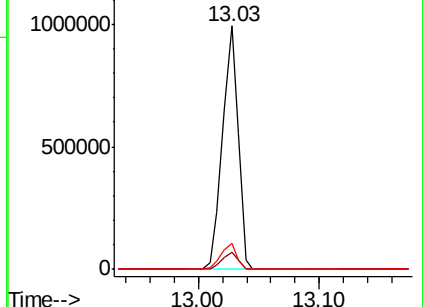
122 10.8 9.4 14.2



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: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118024.D

Acq: 27 Nov 2019 3:08

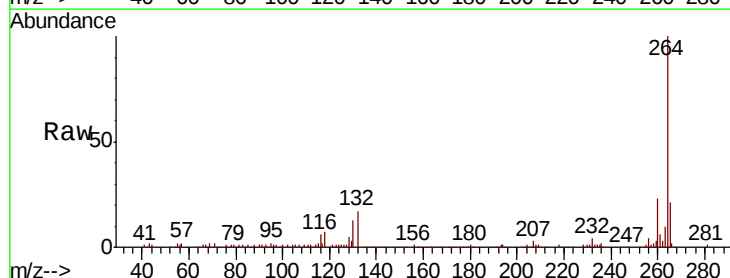
Tgt Ion:264 Resp: 161715

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 21.4 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

