

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118092.D
 Acq On : 4 Dec 2019 18:00
 Operator : JU
 Sample : K6119-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:39:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

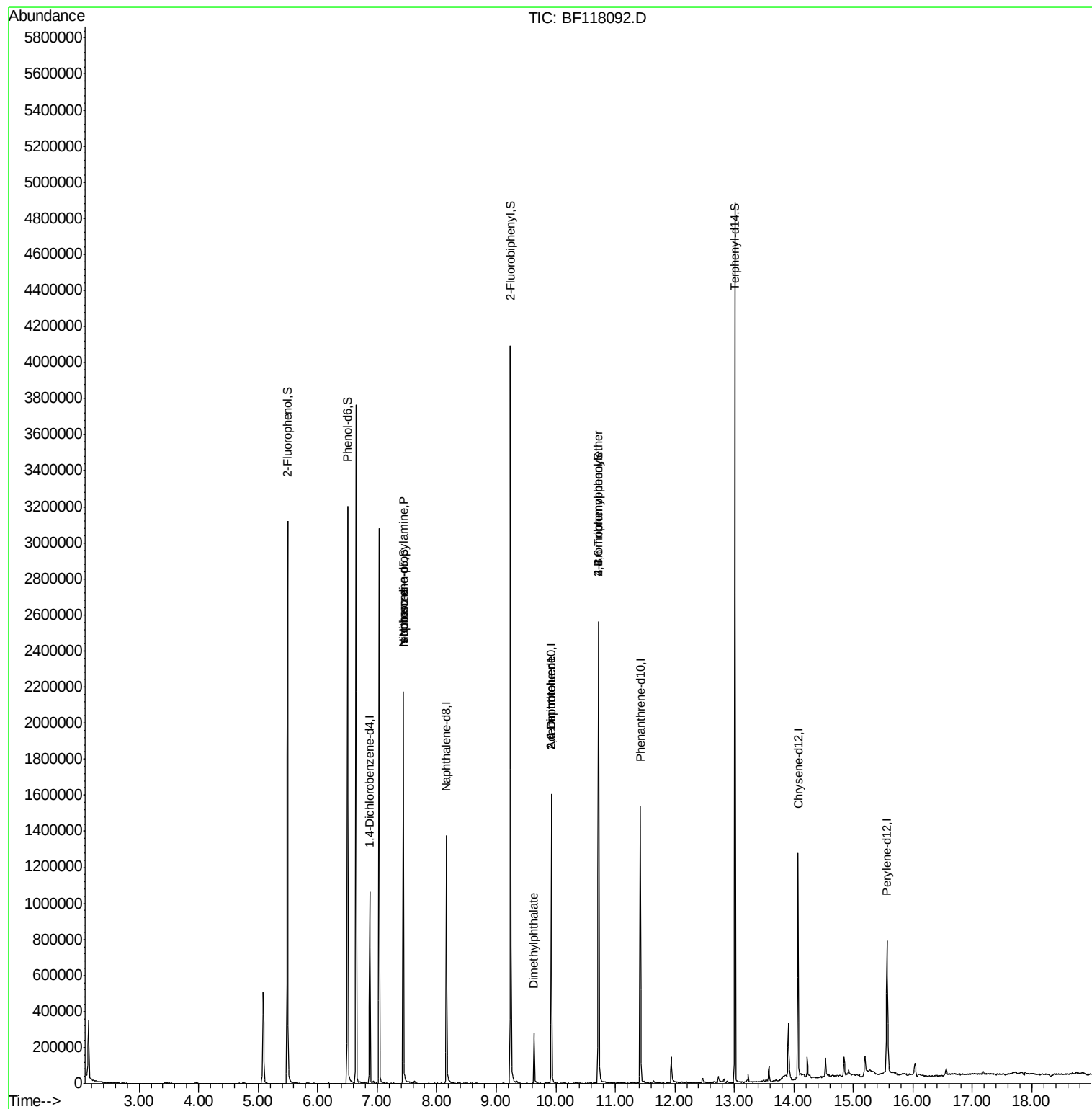
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154454	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	646924	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	332092	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	623995	20.00	ng	0.00
76) Chrysene-d12	14.07	240	422989	20.00	ng	0.00
87) Perylene-d12	15.57	264	387310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	899458	103.08	ng	0.00
7) Phenol-d6	6.50	99	1143594	108.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	685856	63.02	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	364999	103.82	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1386902	74.92	ng	0.00
79) Terphenyl-d14	13.01	244	1628565	70.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1691	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.44	70	90501	13.939 ng	#	72
25) Isophorone	7.44	82	685851	34.385 ng	#	63
50) Dimethylphthalate	9.63	163	137413	5.901 ng		99
51) 2,6-Dinitrotoluene	9.93	165	42118	8.275 ng	#	25
57) 2,4-Dinitrotoluene	9.93	165	42118	6.505 ng	#	32
67) 4-Bromophenyl-phenylether	10.72	248	22365	3.322 ng	#	1

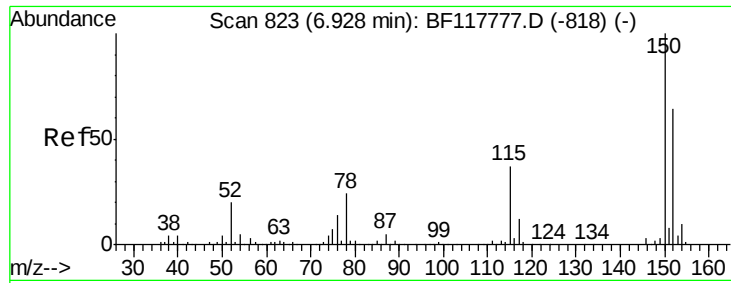
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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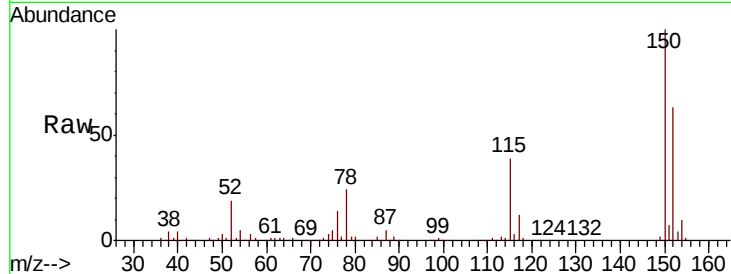


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118092.D
 Acq: 4 Dec 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	121.4	182.2
115	62.3	48.8	73.2

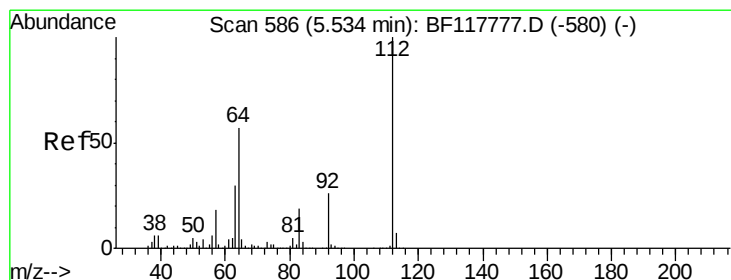
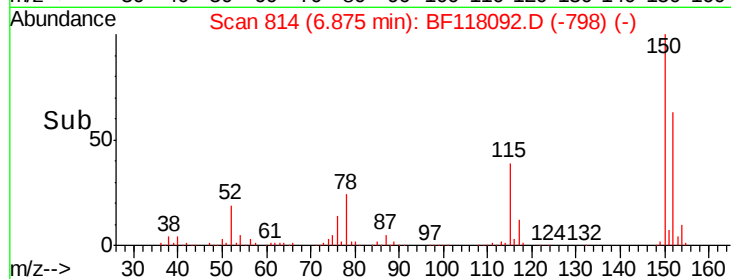
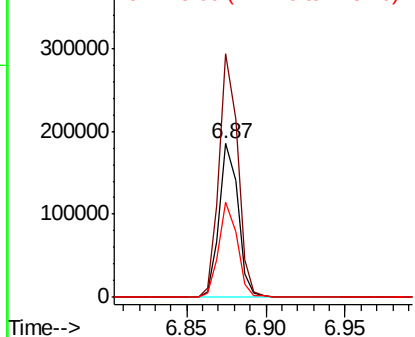


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

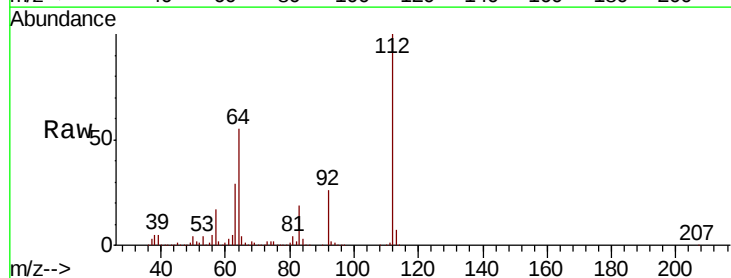
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 103.082 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF118092.D
 Acq: 4 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.1	67.7
63	28.6	24.6	37.0

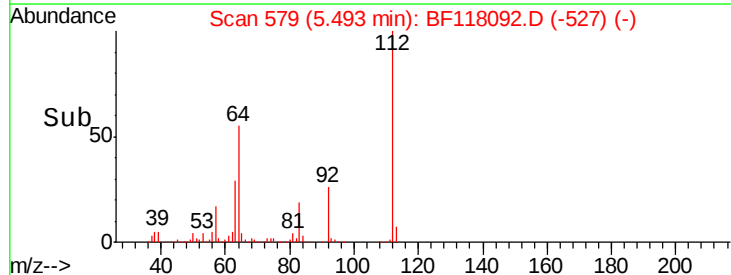
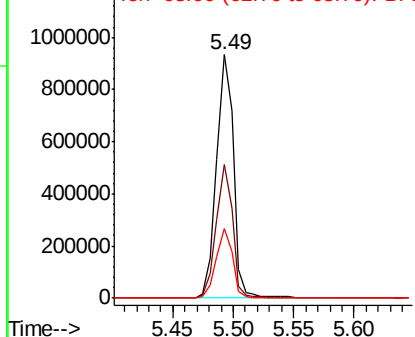


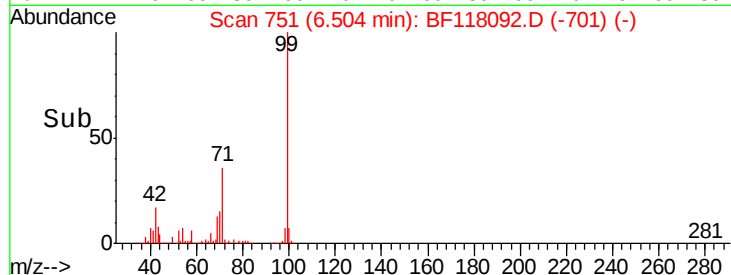
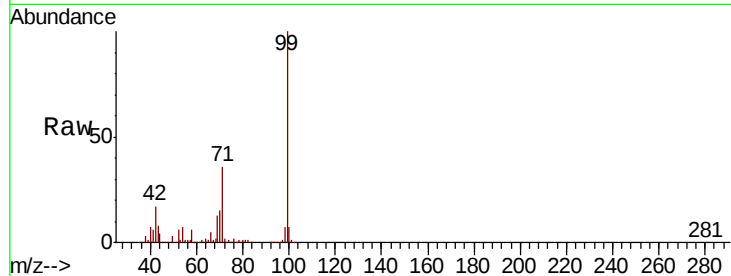
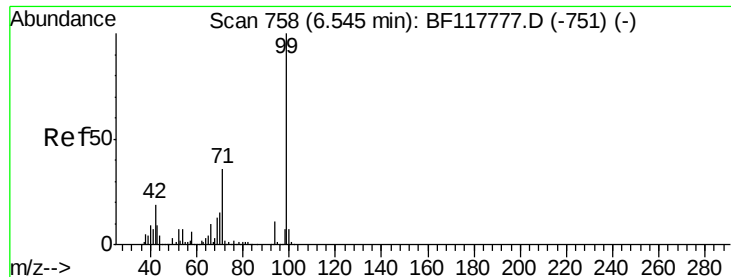
Abundance

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: 108.659 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

Instrument :

BNA_F

ClientSampleId :

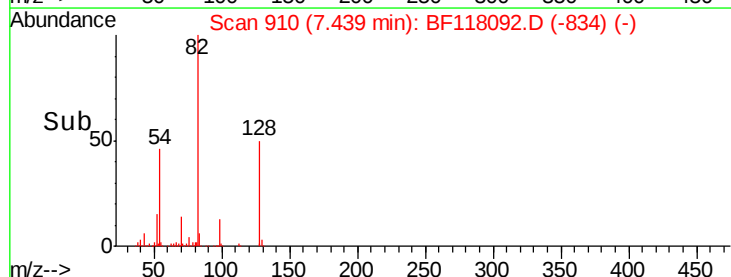
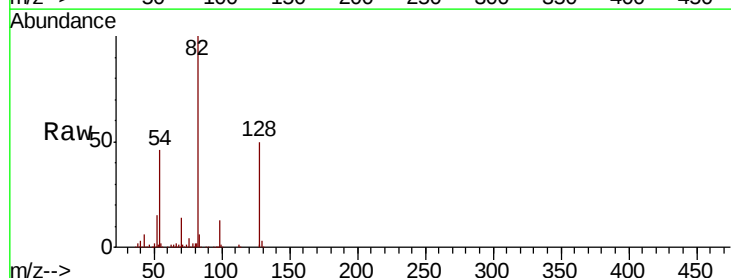
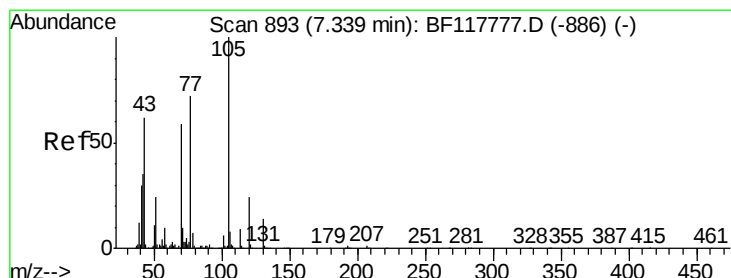
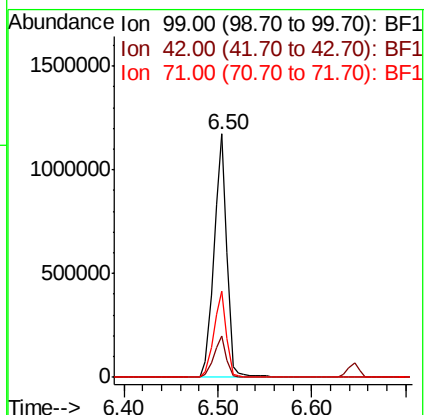
Tot Ion: 99 Resp: 1143594

Ion Ratio Lower Upper

99 100

42 17.0 14.0 21.0

71 35.6 29.2 43.8



#19

n-Nitroso-di-n-propylamine

Concen: 13.939 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

Tgt Ion: 70 Resp: 90501

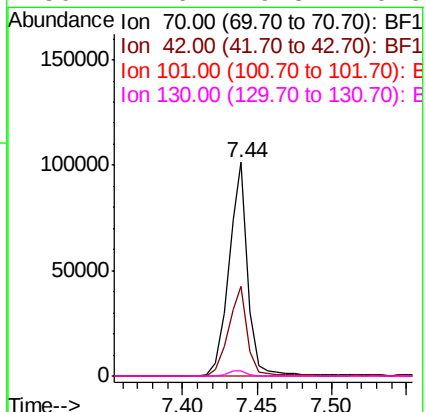
Ion Ratio Lower Upper

70 100

42 42.1 46.0 69.0#

101 0.0 8.8 13.2#

130 2.6 19.8 29.6#

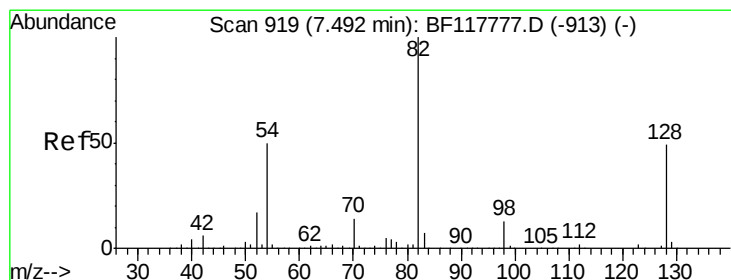
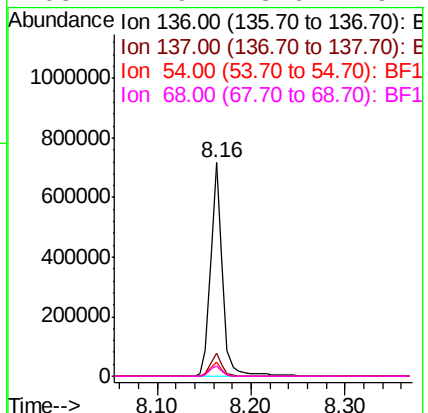
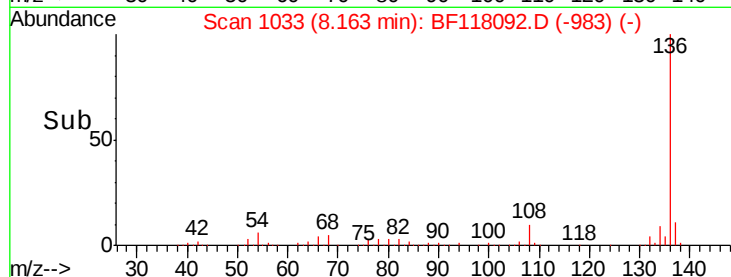
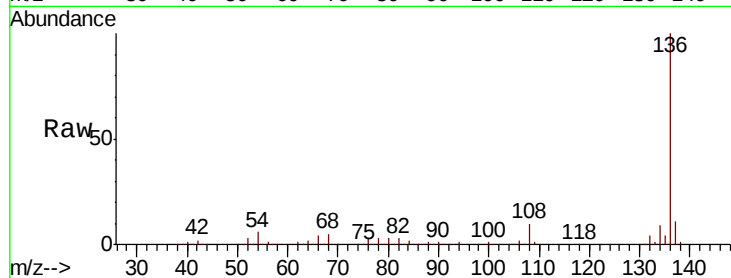




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118092.D
Acq: 4 Dec 2019 18:00

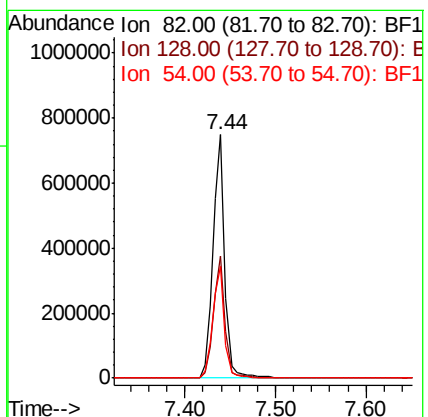
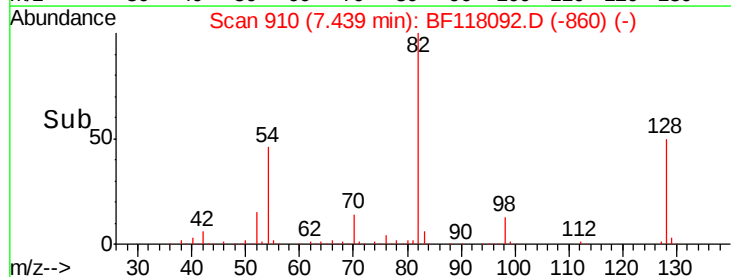
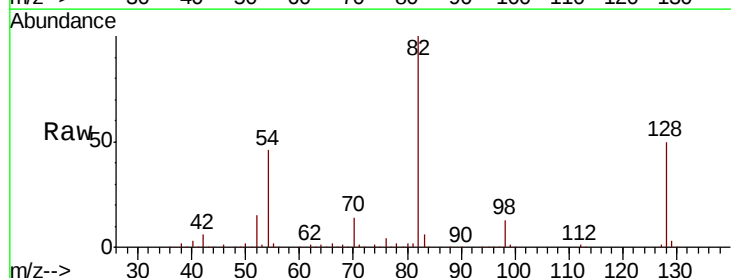
Instrument :
BNA_F
ClientSampleId :

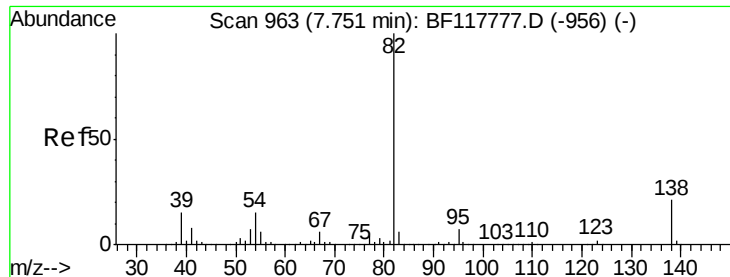
Tot Ion:136	Resp:	646924
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	6.4	4.9 7.3
68	4.9	3.6 5.4



#23
Nitrobenzene-d5
Concen: 63.023 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118092.D
Acq: 4 Dec 2019 18:00

Tgt Ion: 82	Resp:	685856
Ion Ratio	Lower	Upper
82	100	
128	50.0	38.2 57.4
54	46.0	39.0 58.4





#25

Isophorone

Concen: 34.385 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

Instrument :

BNA_F

ClientSampleId :

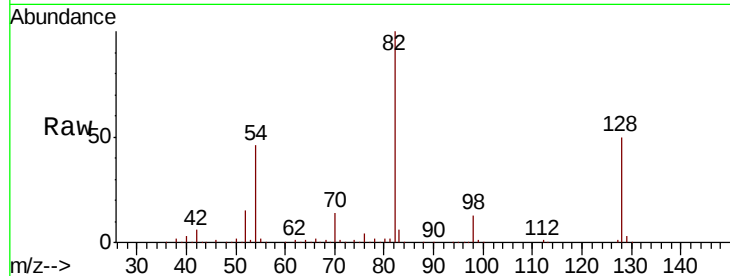
Tot Ion: 82 Resp: 685851

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

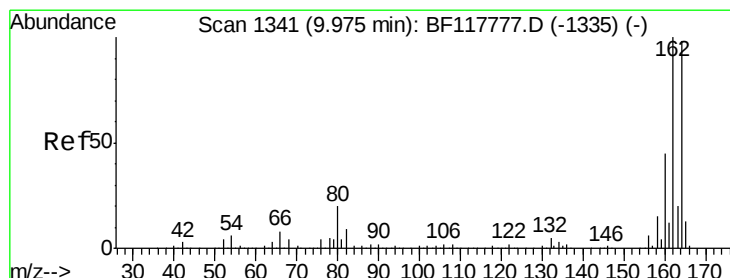
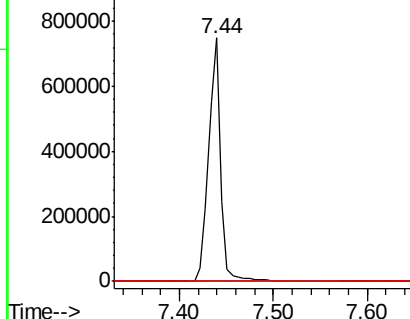
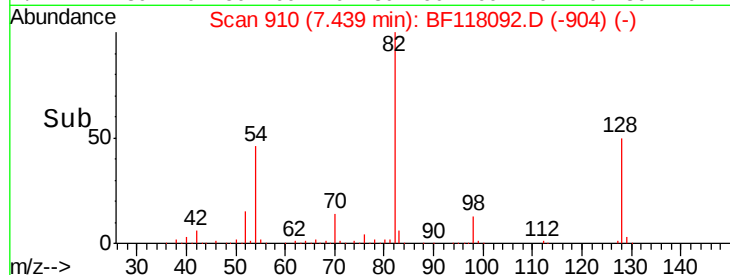
138 0.0 15.9 23.9#



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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

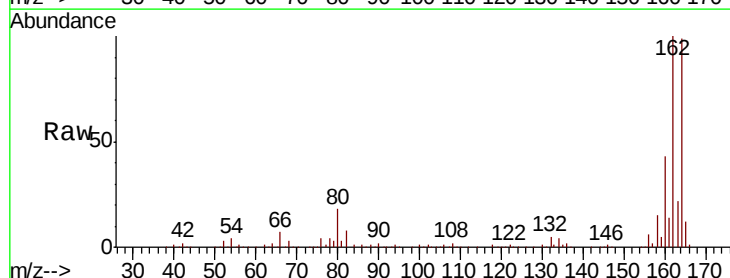
Tgt Ion: 164 Resp: 332092

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.8

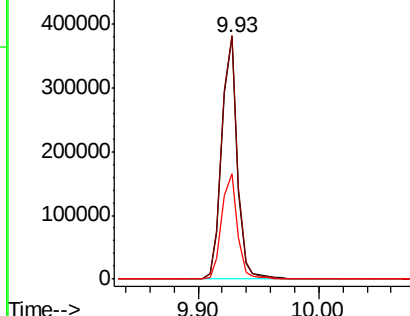
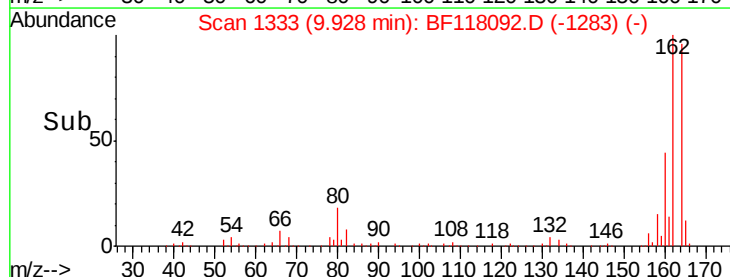
160 43.7 35.9 53.9

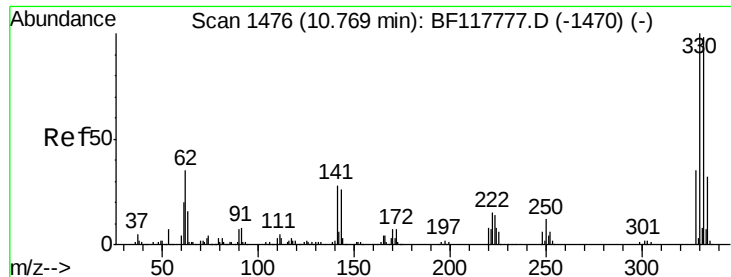


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 103.816 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

Instrument :

BNA_F

ClientSampleId :

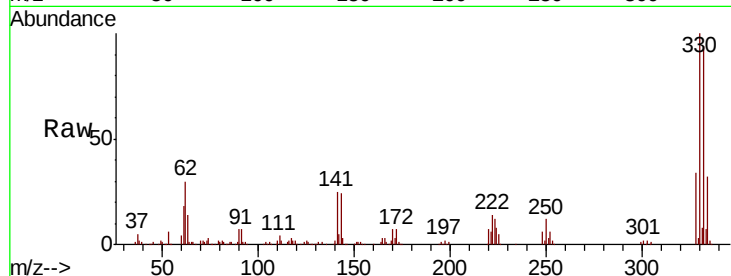
Tot Ion:330 Resp: 364999

Ion Ratio Lower Upper

330 100

332 94.8 78.3 117.5

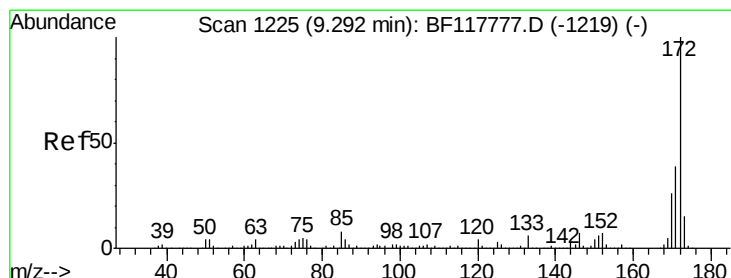
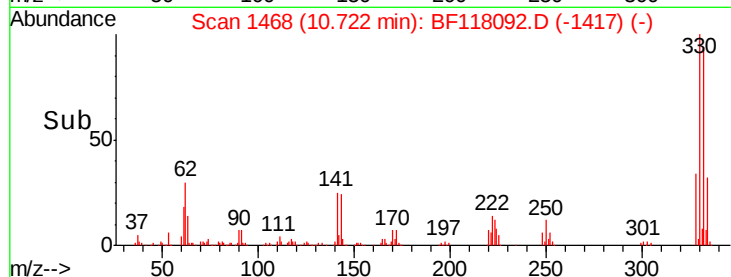
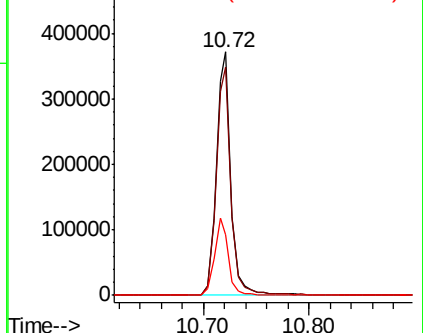
141 30.6 26.4 39.6



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: 74.924 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

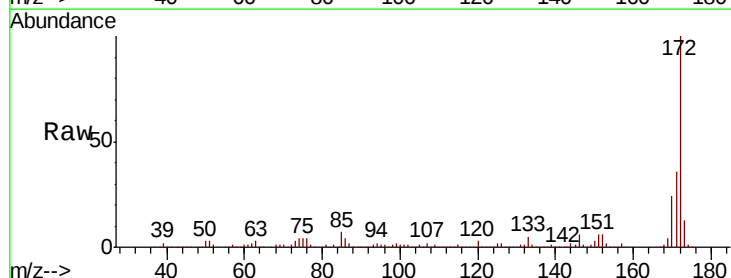
Tgt Ion:172 Resp: 1386902

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

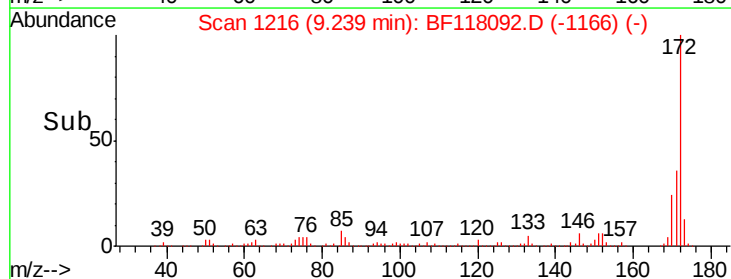
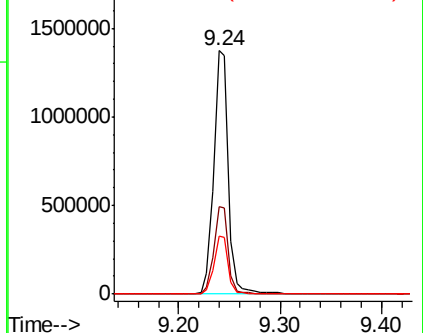
170 23.6 19.3 28.9

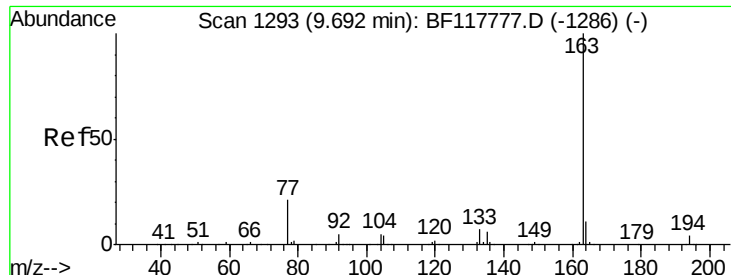


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.901 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

Instrument :

BNA_F

ClientSampleId :

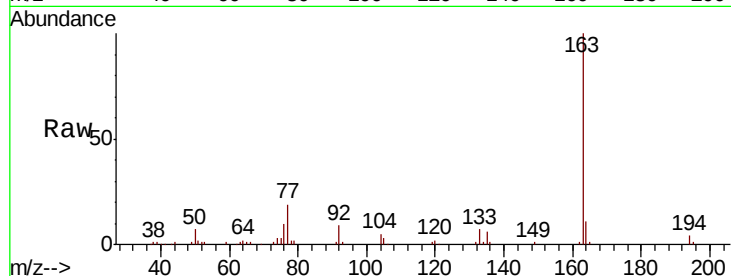
Tot Ion:163 Resp: 137413

Ion Ratio Lower Upper

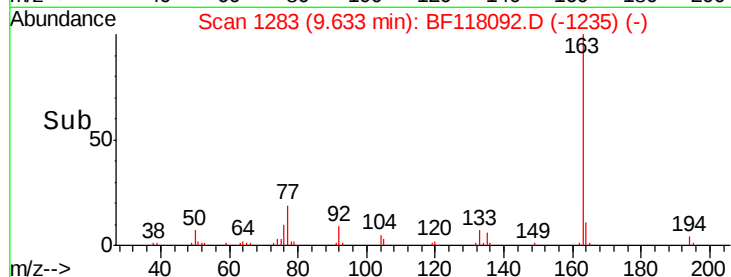
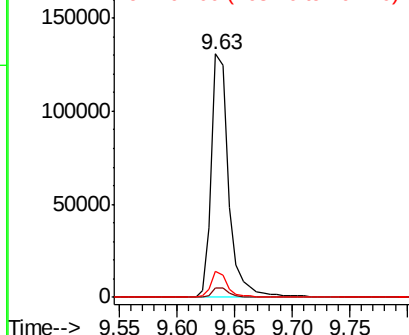
163 100

194 3.9 3.1 4.7

164 10.5 7.9 11.9



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: 8.275 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

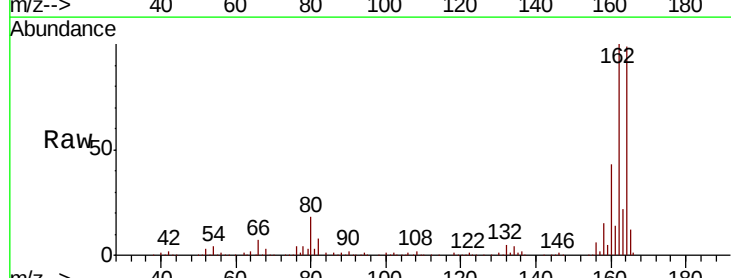
Tgt Ion:165 Resp: 42118

Ion Ratio Lower Upper

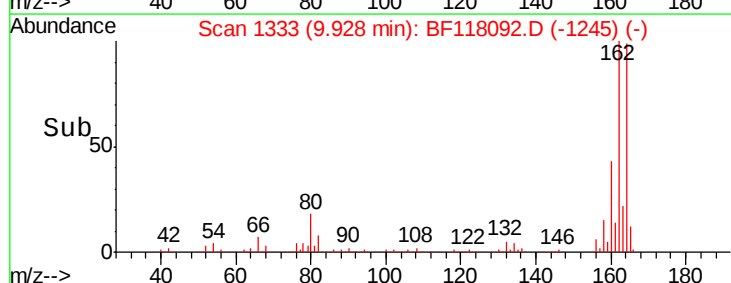
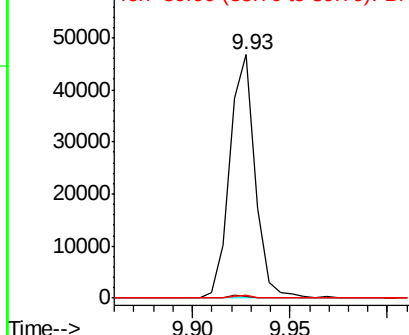
165 100

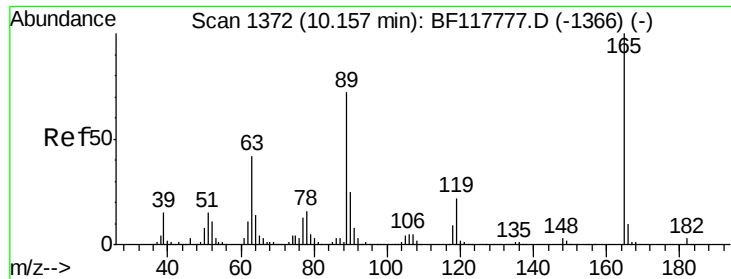
63 0.9 43.9 65.9#

89 1.4 45.5 68.3#



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

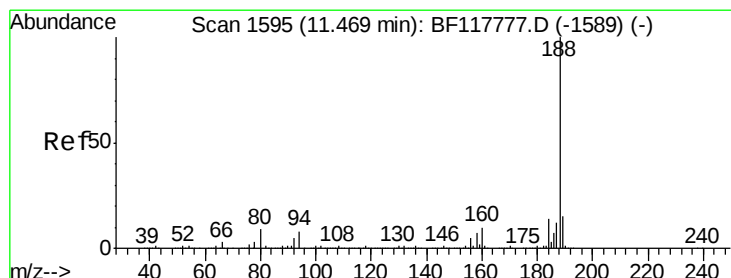
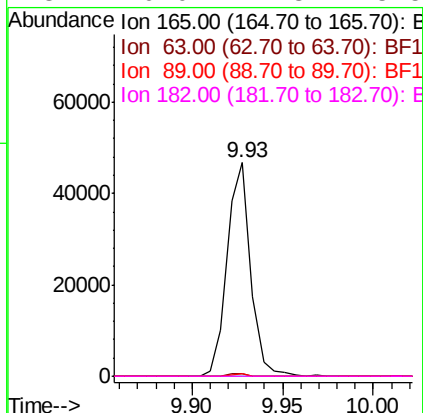
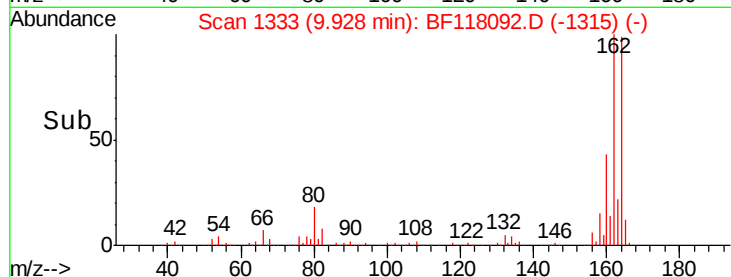
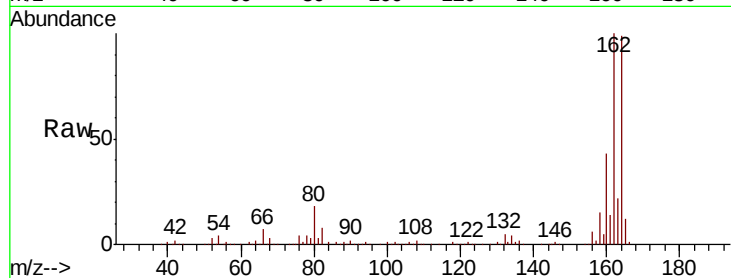




#57
 2,4-Dinitrotoluene
 Concen: 6.505 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF118092.D
 Acq: 4 Dec 2019 18:00

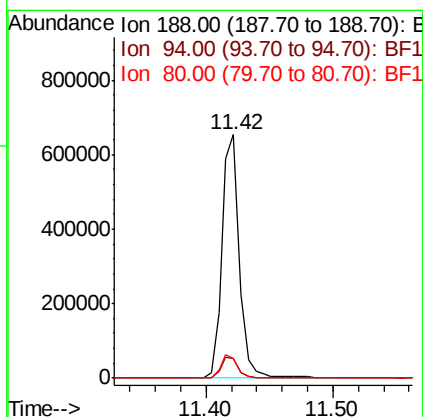
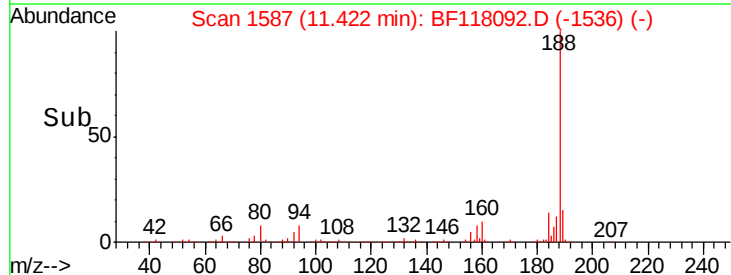
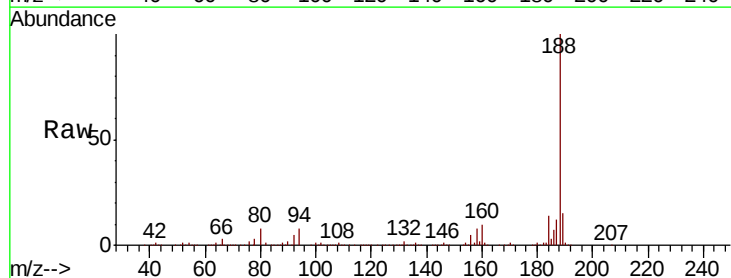
Instrument :
 BNA_F
 ClientSampleId :

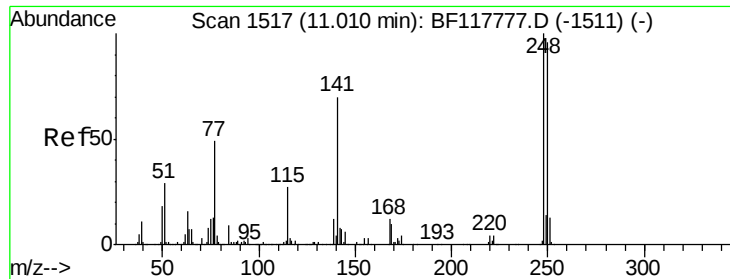
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	26.5	39.7#
89	1.4	47.2	70.8#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF118092.D
 Acq: 4 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	8.3	7.2	10.8

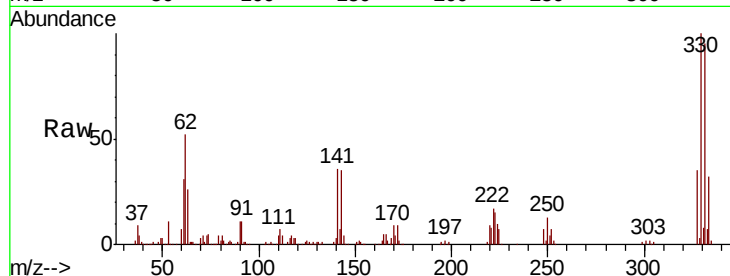




#67
 4-Bromophenyl-phenylether
 Concen: 3.322 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF118092.D
 Acq: 4 Dec 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.8	78.0	117.0#
141	542.3	64.0	96.0#

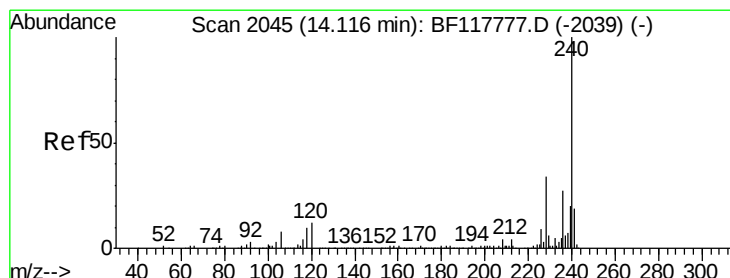
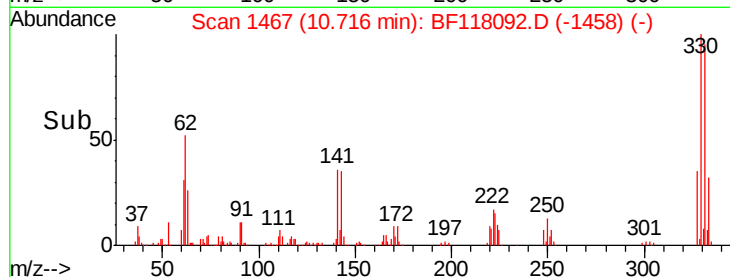
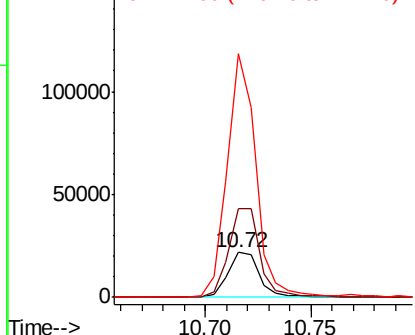


Abundance

Ion 248.00 (247.70 to 248.70): E

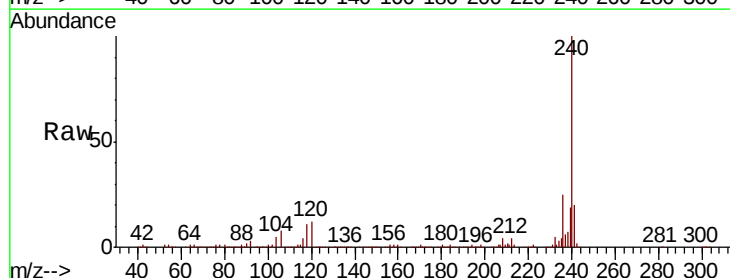
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118092.D
 Acq: 4 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.4	12.6
236	25.4	20.6	31.0

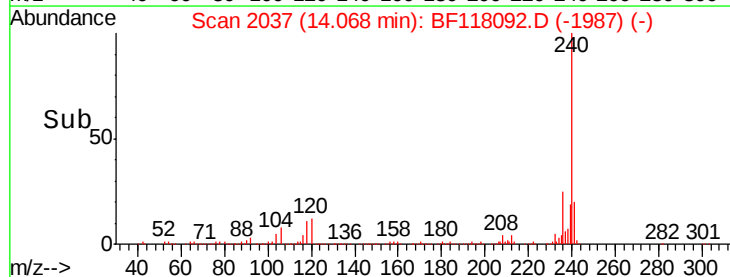
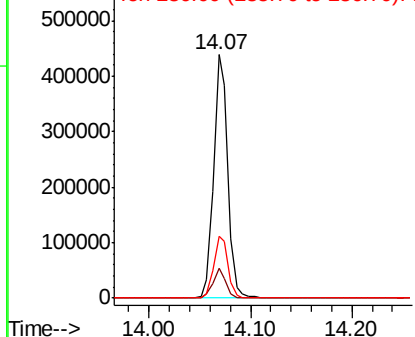


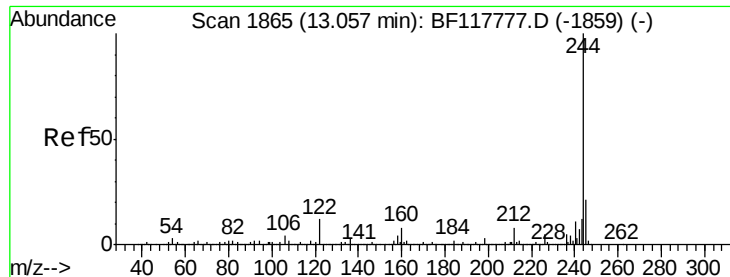
Abundance

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: 70.365 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

Instrument :

BNA_F

ClientSampleId :

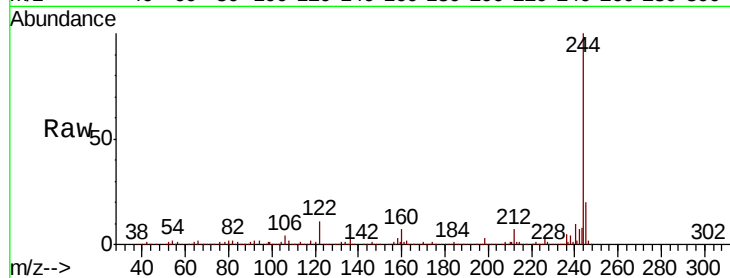
Tot Ion:244 Resp: 1628565

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

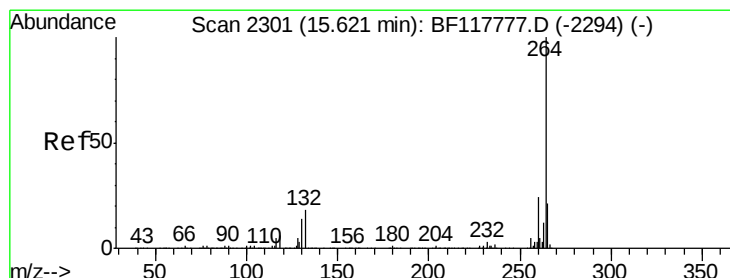
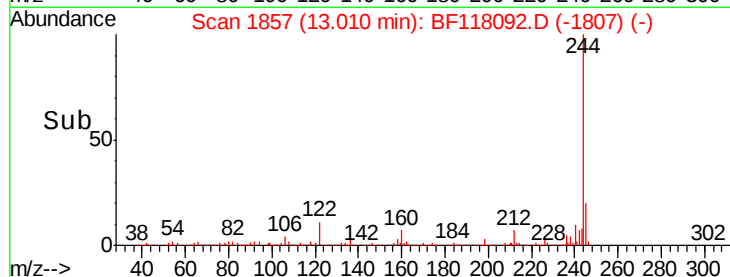
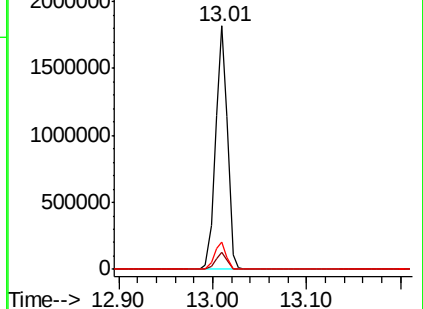
122 11.3 7.2 10.8#



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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF118092.D

Acq: 4 Dec 2019 18:00

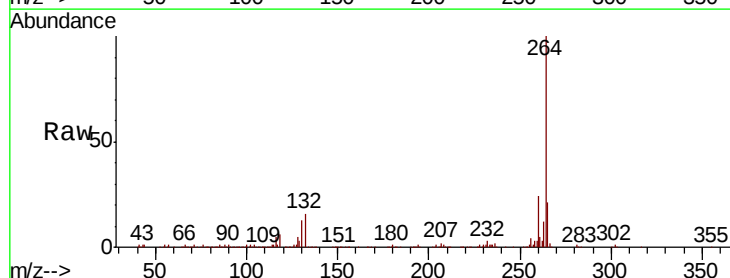
Tgt Ion:264 Resp: 387310

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 20.8 16.4 24.6



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

