

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117843.D
 Acq On : 18 Nov 2019 18:53
 Operator : JU
 Sample : K5906-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 23:56:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	220578	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	818242	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	381508	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	591376	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	483915	20.00	ng	-0.01
87) Perylene-d12	15.62	264	574654	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1235665	99.16	ng	0.00
7) Phenol-d6	6.54	99	1514947	100.79	ng	0.00
23) Nitrobenzene-d5	7.48	82	924228	67.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	351756	87.09	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1667287	78.40	ng	0.00
79) Terphenyl-d14	13.05	244	1401339	52.92	ng	0.00

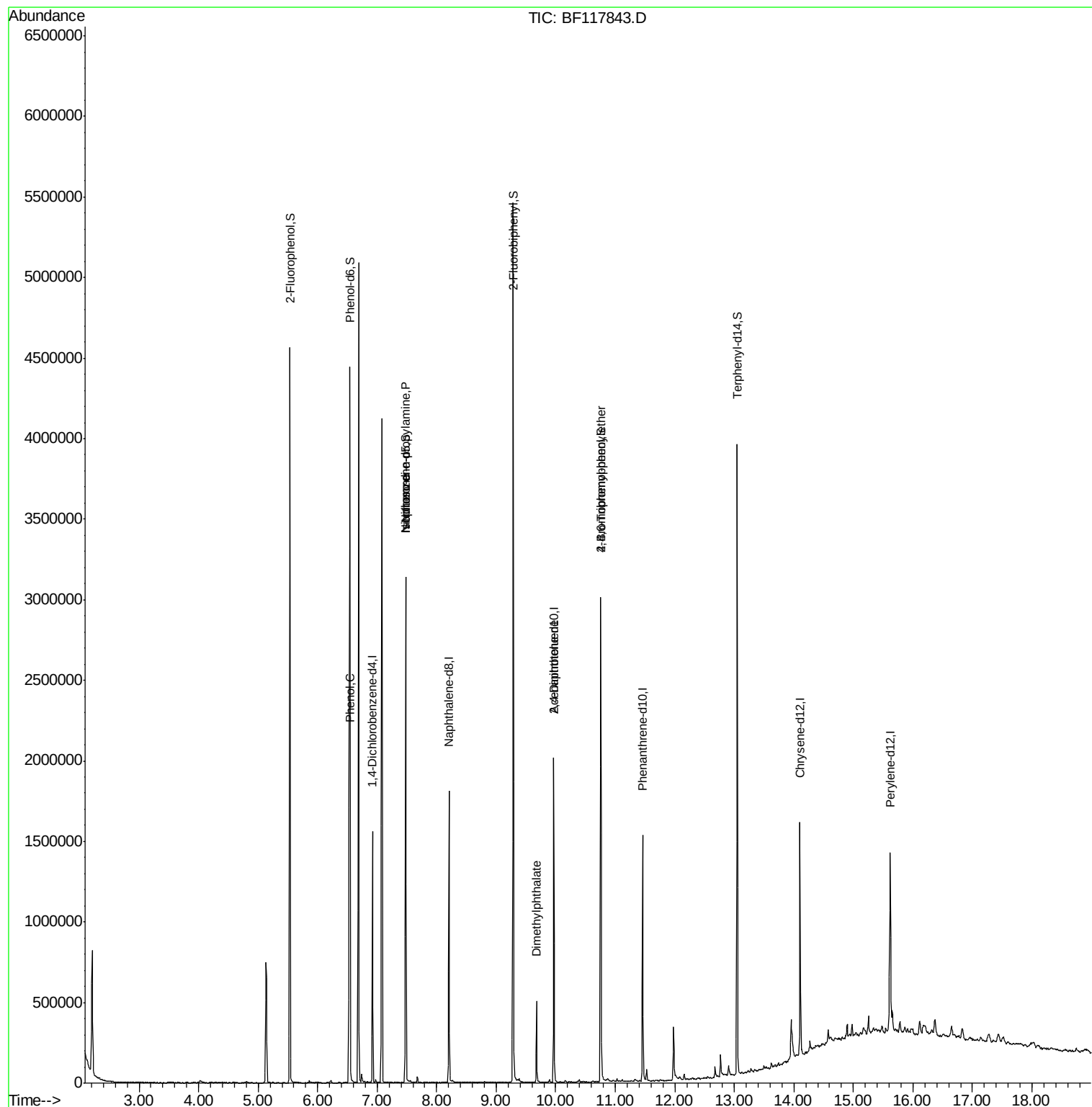
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	2982	Below Cal		# 1
10) Phenol	6.55	94	68061	4.358	ng	92
19) n-Nitroso-di-n-propylamine	7.48	70	127742	13.776	ng	# 75
25) Isophorone	7.48	82	924215	36.634	ng	# 62
50) Dimethylphthalate	9.67	163	186149	6.958	ng	98
57) 2,4-Dinitrotoluene	9.97	165	49741	6.688	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	22071	3.459	ng	# 1
75) Fluoranthene	12.67	202	23336	Below Cal		96

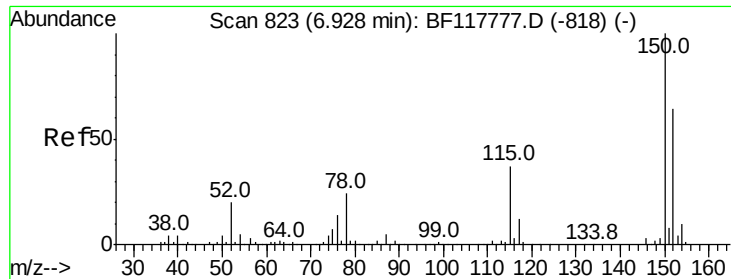
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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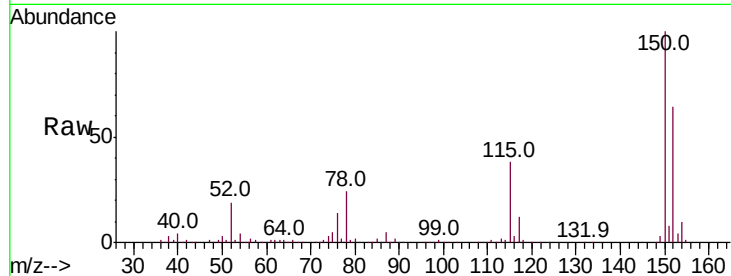


#1

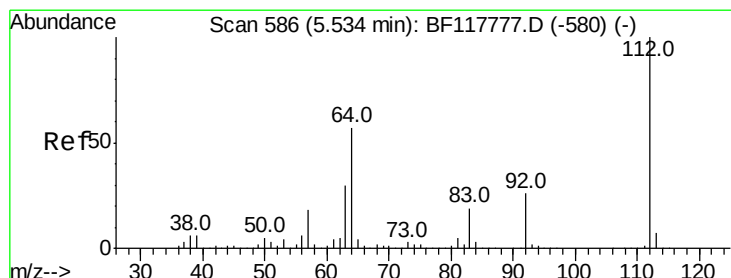
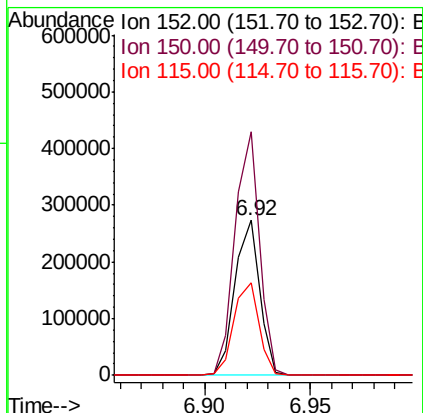
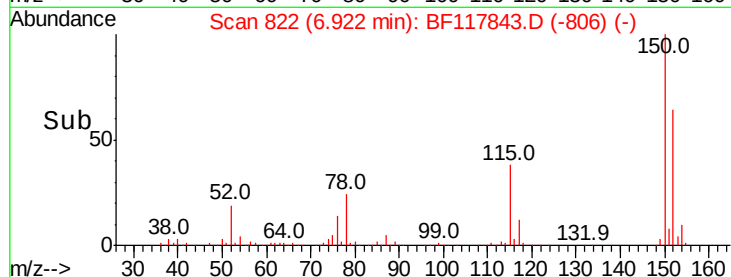
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117843.D
Acq: 18 Nov 2019 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 220578
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 59.4 47.0 70.4



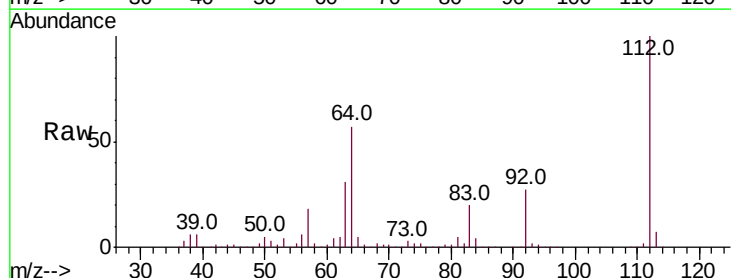
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



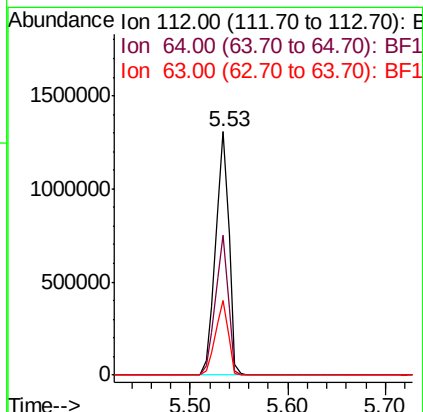
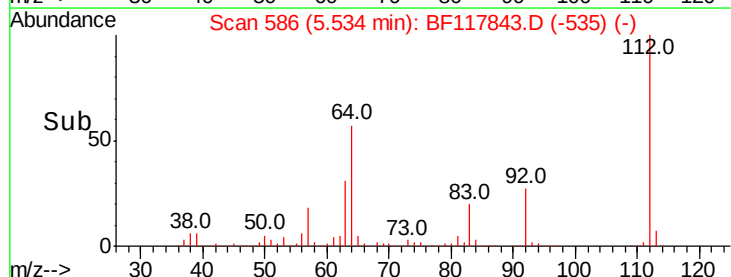
#5

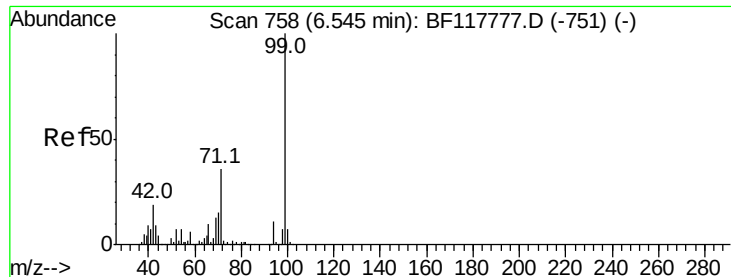
2-Fluorophenol
Concen: 99.160 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117843.D
Acq: 18 Nov 2019 18:53

Tgt Ion:112 Resp: 1235665
Ion Ratio Lower Upper
112 100
64 57.4 45.6 68.4
63 30.9 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: 100.793 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117843.D

Acq: 18 Nov 2019 18:53

Instrument :

BNA_F

ClientSampleId :

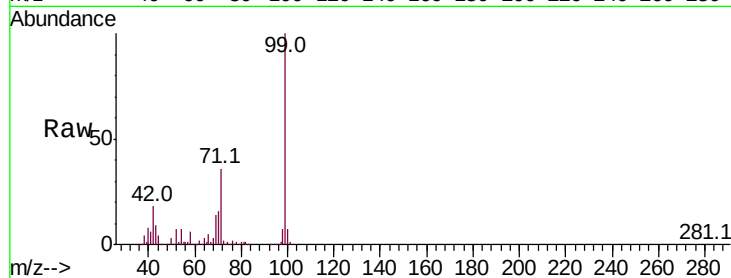
Tot Ion: 99 Resp: 1514947

Ion Ratio Lower Upper

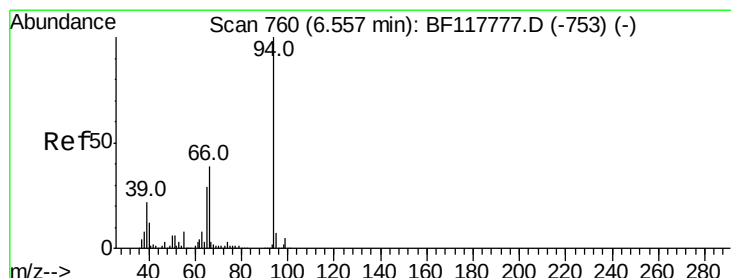
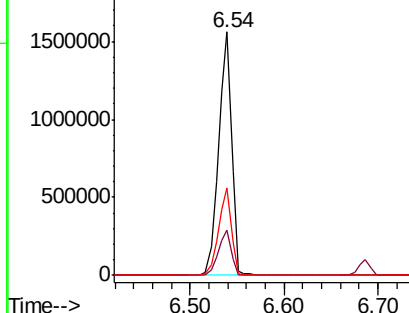
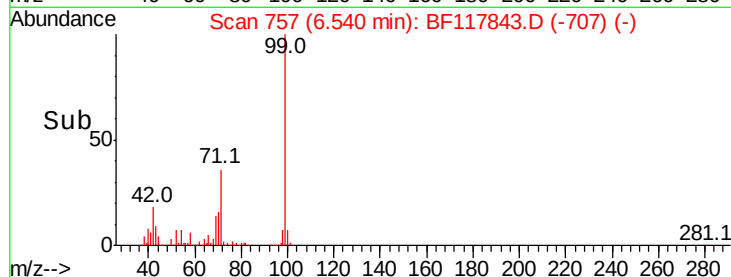
99 100

42 18.5 14.9 22.3

71 36.1 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



#10

Phenol

Concen: 4.358 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117843.D

Acq: 18 Nov 2019 18:53

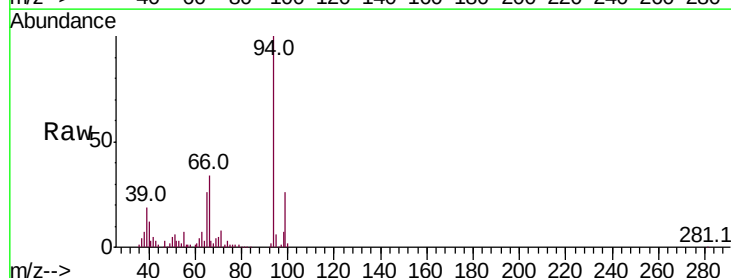
Tgt Ion: 94 Resp: 68061

Ion Ratio Lower Upper

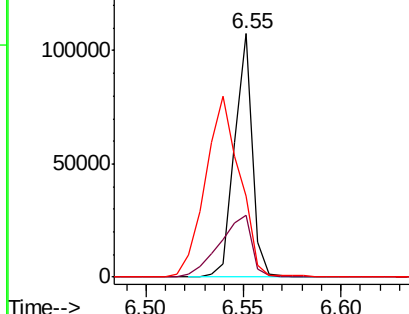
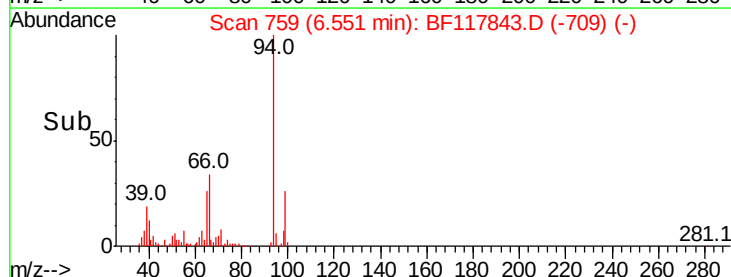
94 100

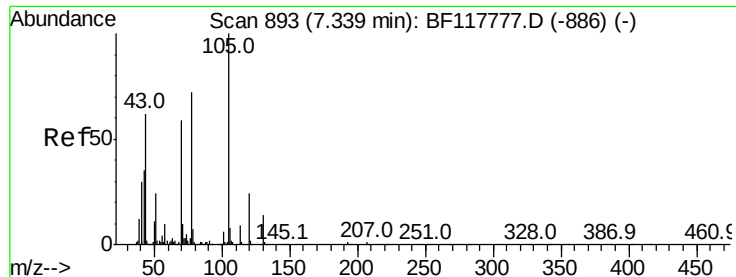
65 25.6 8.9 48.9

66 33.5 18.7 58.7



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

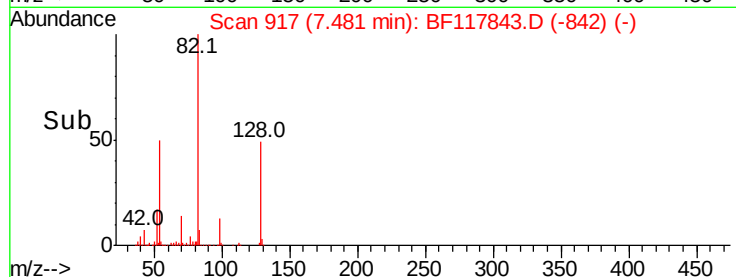
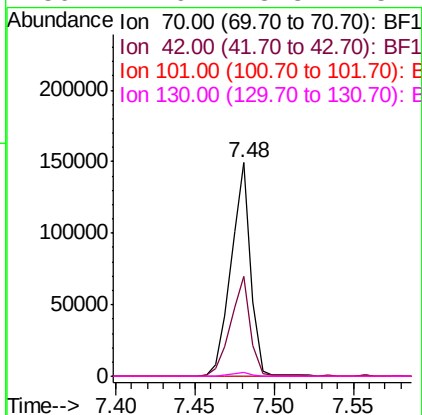
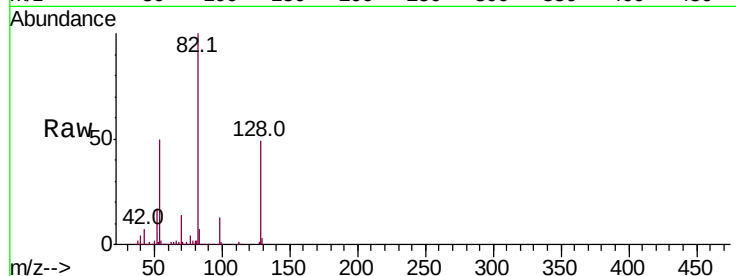




#19
n-Nitroso-di-n-propylamine
Concen: 13.776 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117843.D
Acq: 18 Nov 2019 18:53

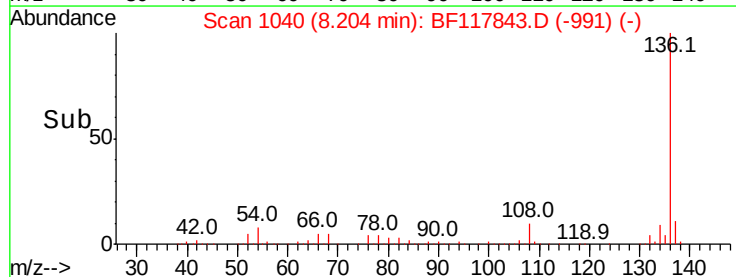
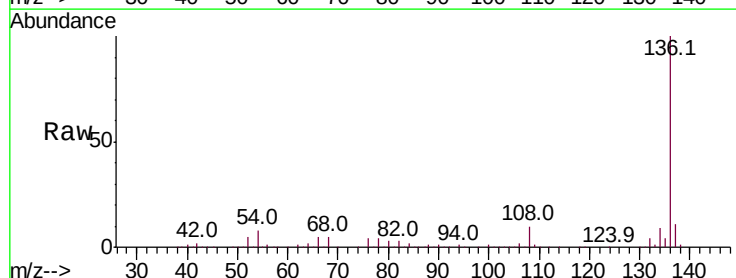
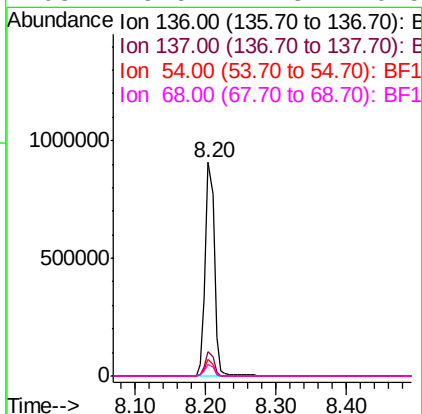
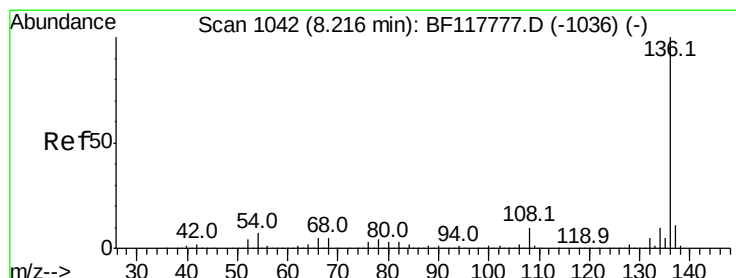
Instrument :
BNA_F
ClientSampleId :

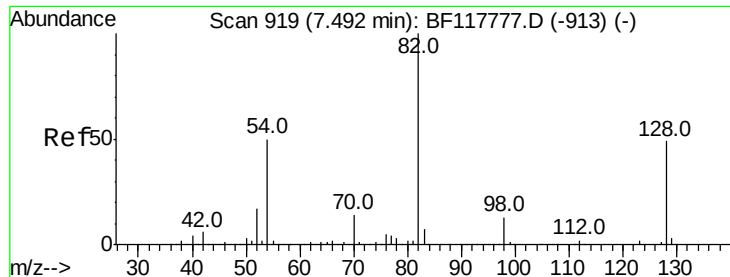
Tot Ion: 70 Resp: 127742
Ion Ratio Lower Upper
70 100
42 46.7 47.4 71.2#
101 0.0 8.4 12.6#
130 1.9 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117843.D
Acq: 18 Nov 2019 18:53

Tgt Ion: 136 Resp: 818242
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.7 5.4 8.2
68 5.5 4.3 6.5

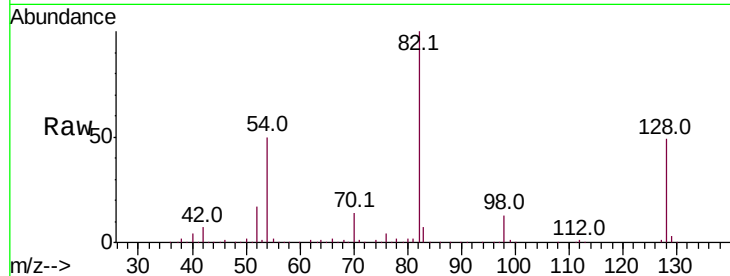




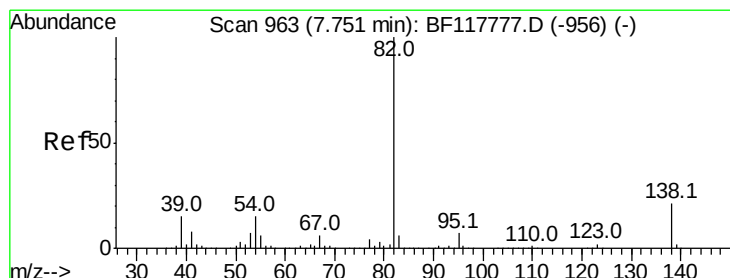
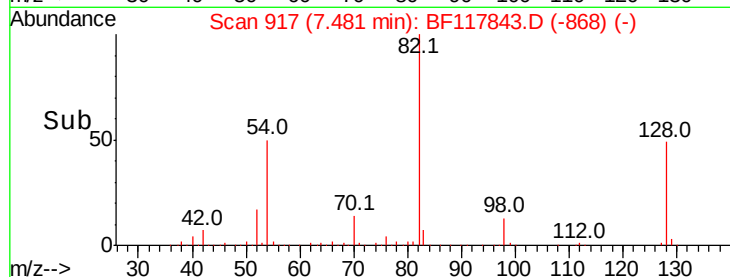
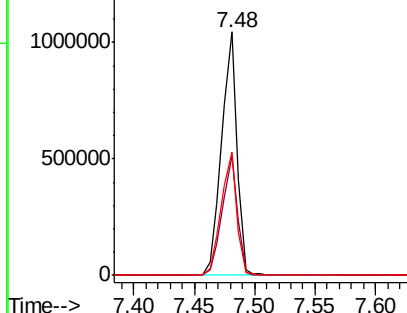
#23
Nitrobenzene-d5
Concen: 67.146 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117843.D
Acq: 18 Nov 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.9	58.3
54	50.4	39.8	59.6

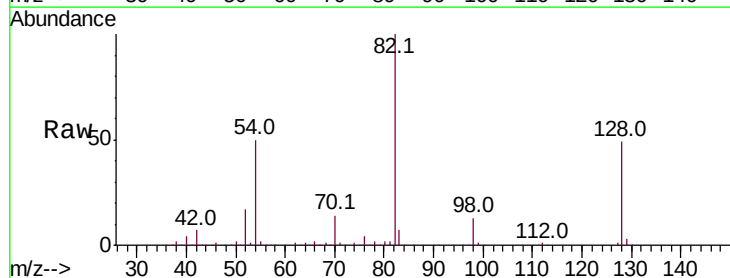


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

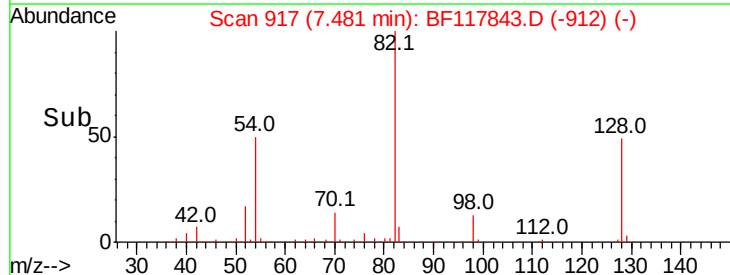
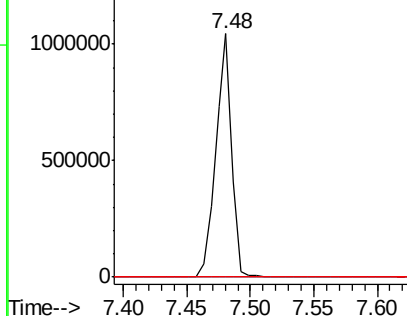


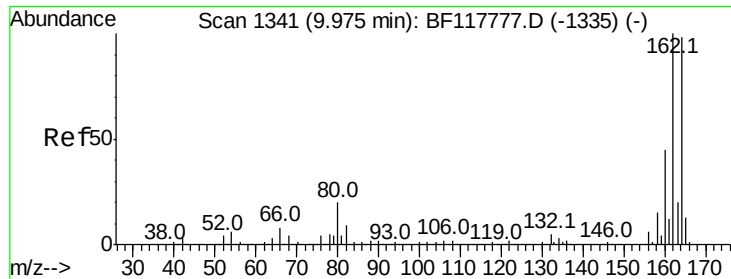
#25
Isophorone
Concen: 36.634 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117843.D
Acq: 18 Nov 2019 18:53

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	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): BF1

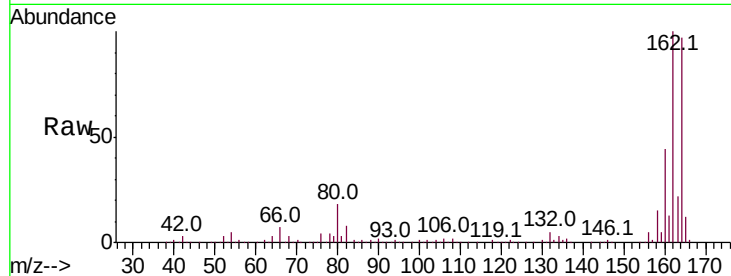




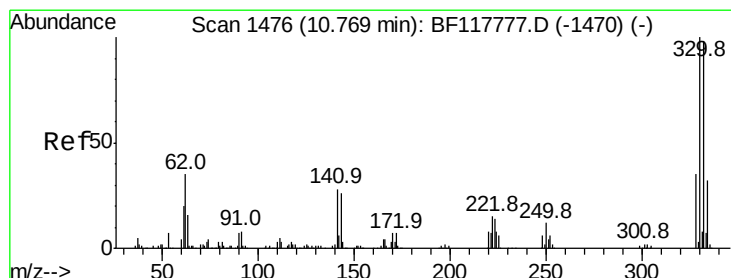
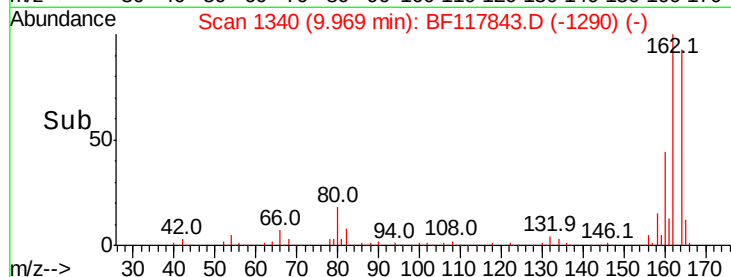
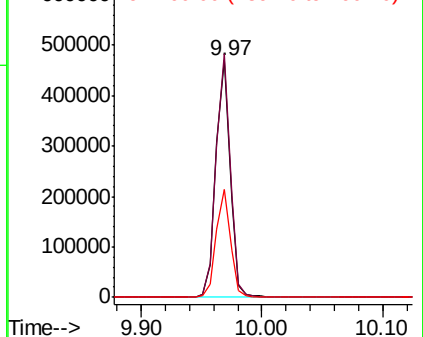
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117843.D
Acq: 18 Nov 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 381508
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 45.5 36.6 55.0

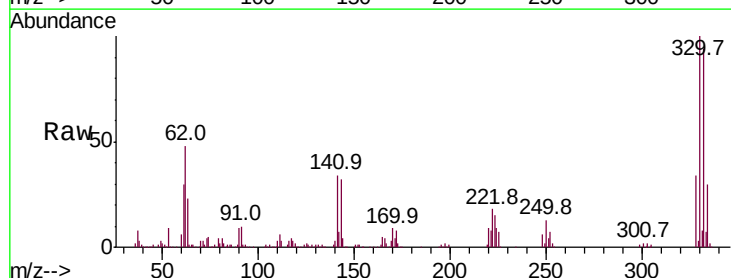


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

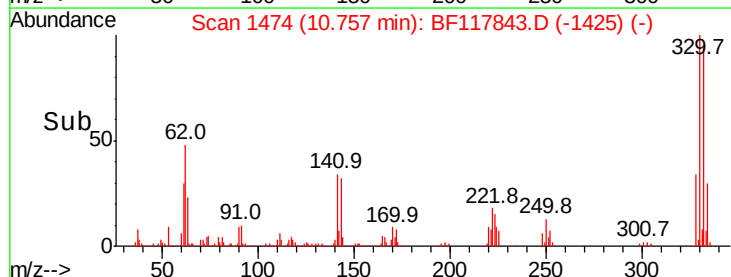
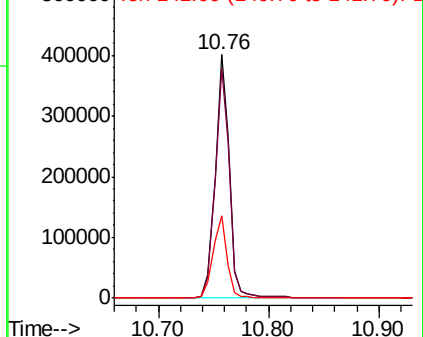


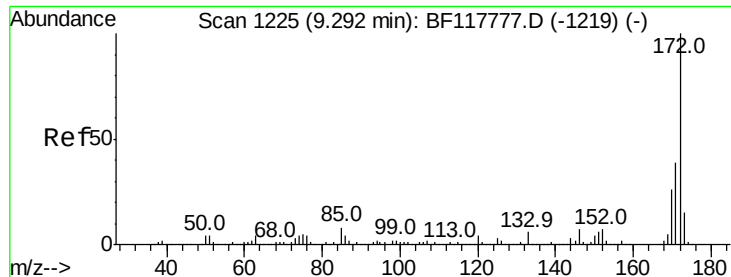
#42
2,4,6-Tribromophenol
Concen: 87.090 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117843.D
Acq: 18 Nov 2019 18:53

Tgt Ion:330 Resp: 351756
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 33.6 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



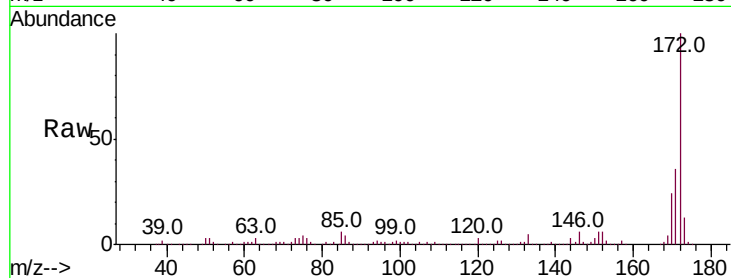


#45
 2-Fluorobiphenyl
 Concen: 78.404 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF117843.D
 Acq: 18 Nov 2019 18:53

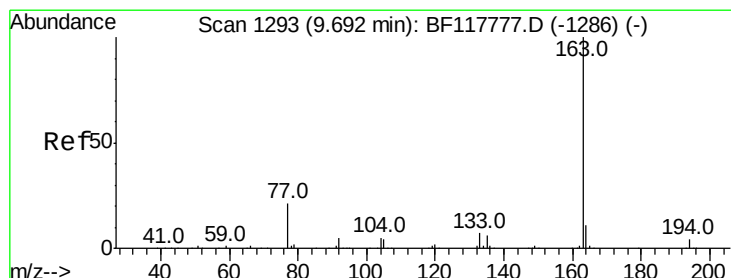
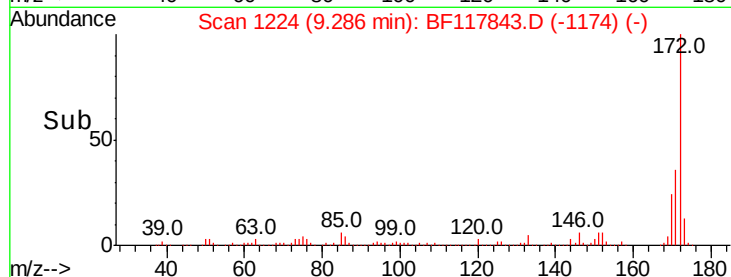
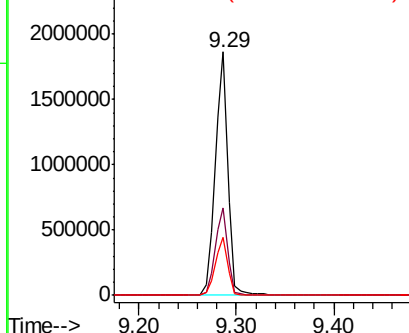
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1667287

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.9	46.3
170	24.0	21.0	31.4



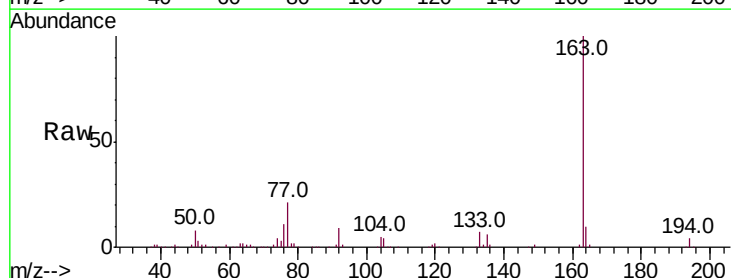
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



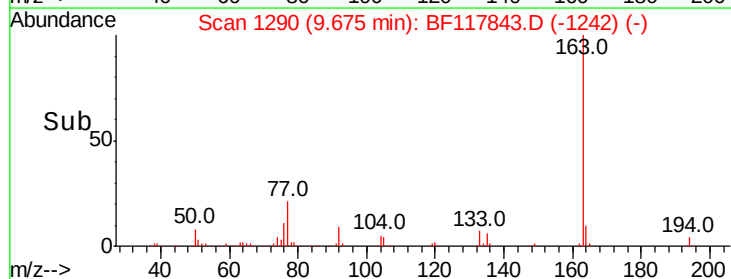
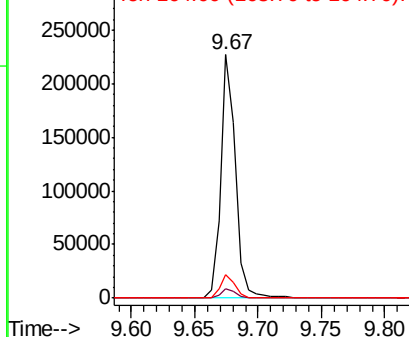
#50
 Dimethylphthalate
 Concen: 6.958 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117843.D
 Acq: 18 Nov 2019 18:53

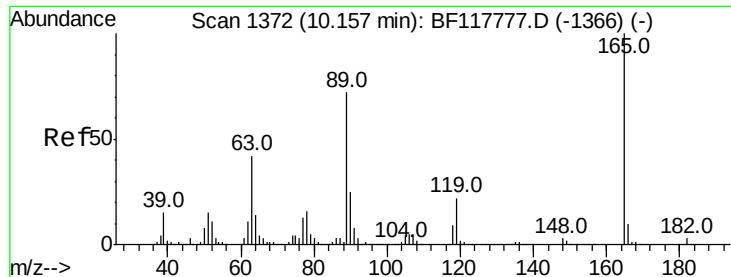
Tgt Ion:163 Resp: 186149

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	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

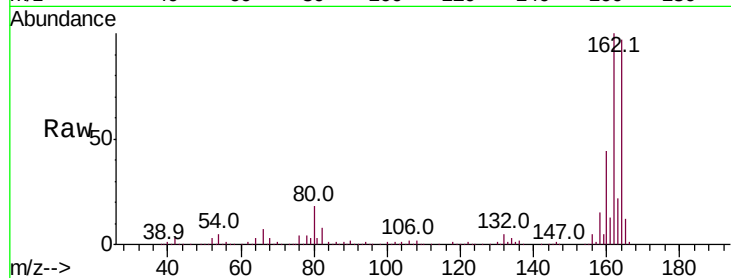




#57
 2,4-Dinitrotoluene
 Concen: 6.688 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117843.D
 Acq: 18 Nov 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	33.7	50.5#
89	1.0	57.3	85.9#
182	0.0	2.3	3.5#

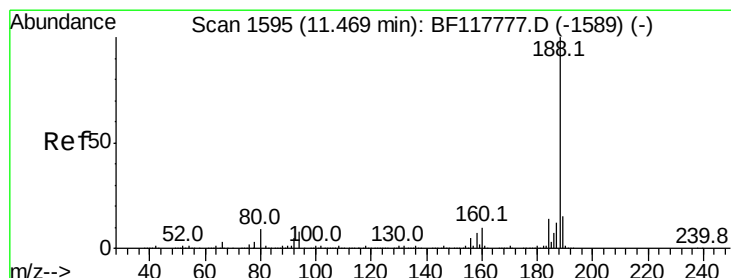
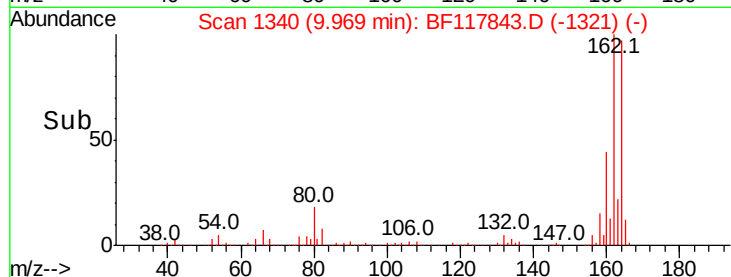
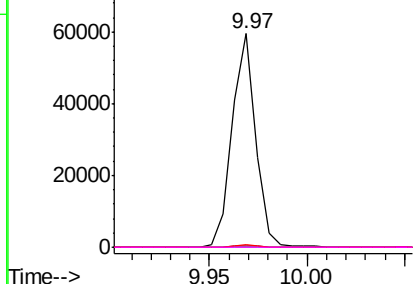


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

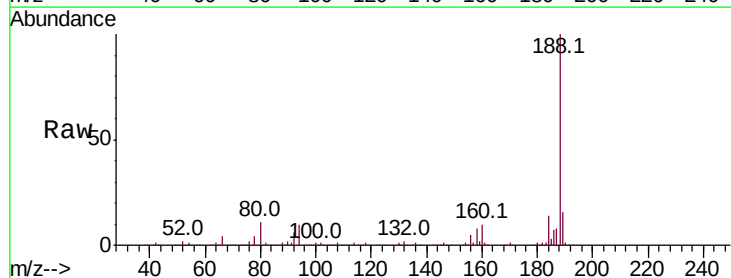
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117843.D
 Acq: 18 Nov 2019 18:53

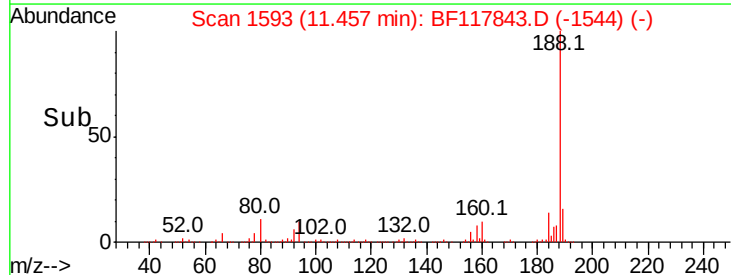
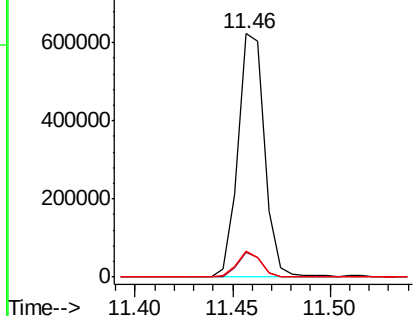
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.6	10.0#
80	10.8	7.2	10.8

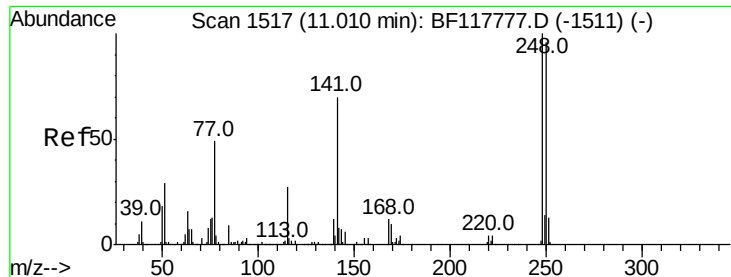


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.459 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.25 min

Lab File: BF117843.D

Acq: 18 Nov 2019 18:53

Instrument :

BNA_F

ClientSampleId :

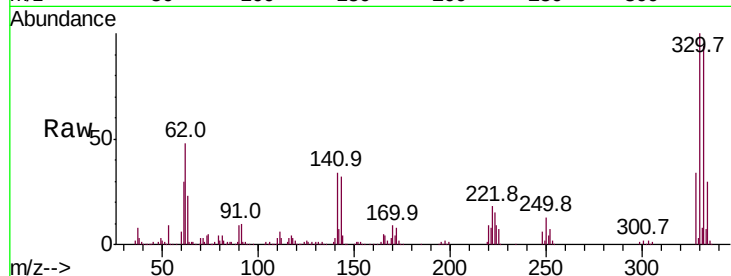
Tot Ion:248 Resp: 22071

Ion Ratio Lower Upper

248 100

250 204.5 76.6 115.0#

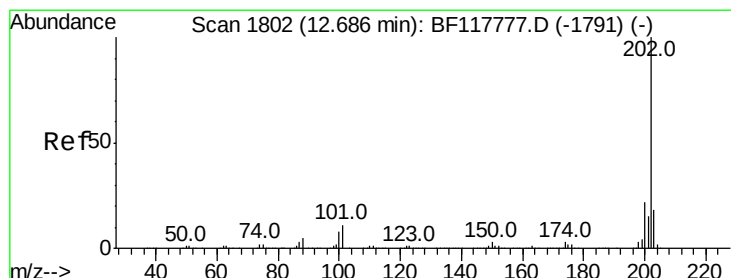
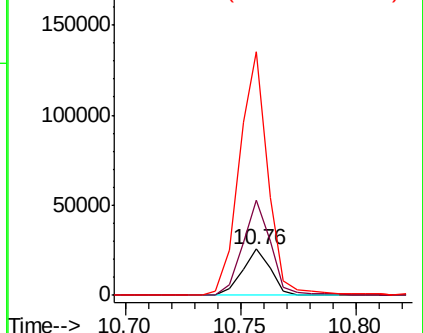
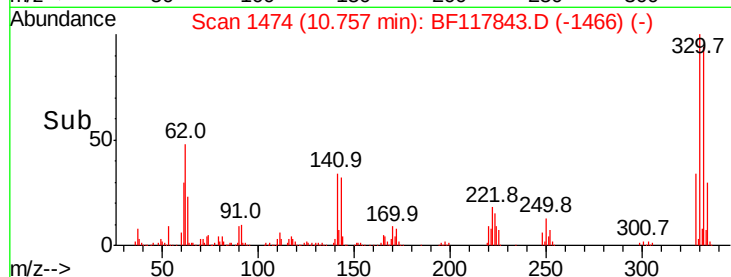
141 526.3 55.9 83.9#



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



#75

Fluoranthene

Concen: Below Cal

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117843.D

Acq: 18 Nov 2019 18:53

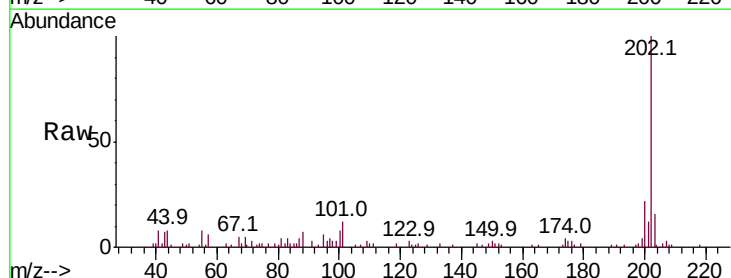
Tgt Ion:202 Resp: 23336

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.1

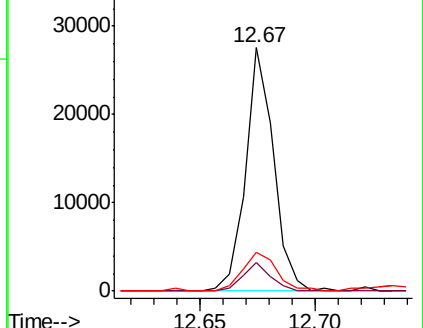
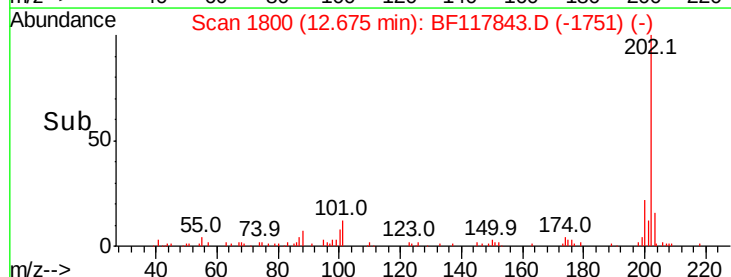
203 16.2 0.0 38.2

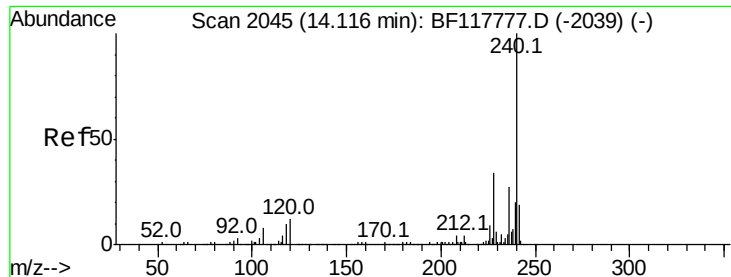


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117843.D

Acq: 18 Nov 2019 18:53

Instrument :

BNA_F

ClientSampleId :

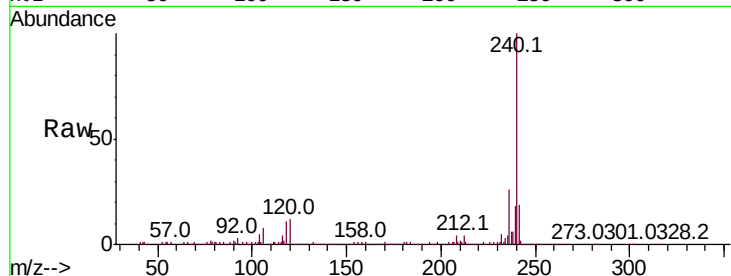
Tot Ion:240 Resp: 483915

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

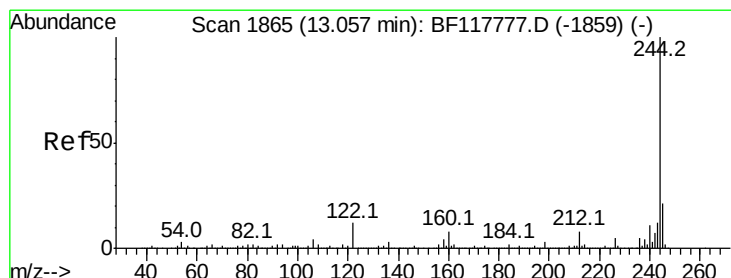
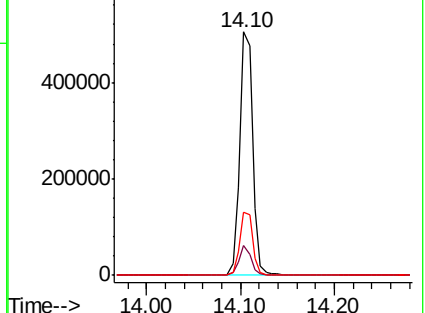
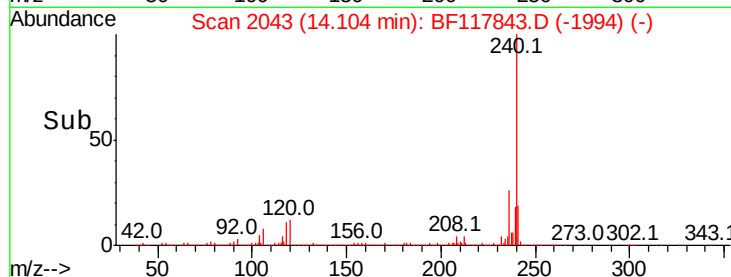
236 26.1 21.3 31.9



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: 52.925 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117843.D

Acq: 18 Nov 2019 18:53

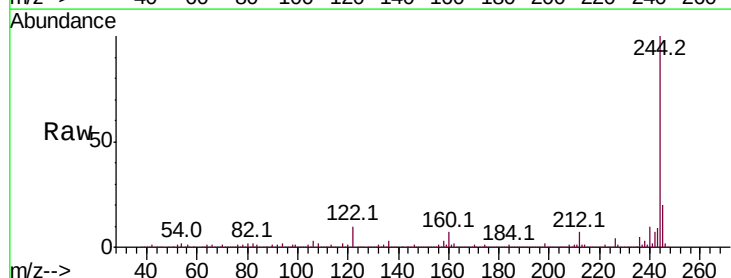
Tgt Ion:244 Resp: 1401339

Ion Ratio Lower Upper

244 100

212 6.6 6.3 9.5

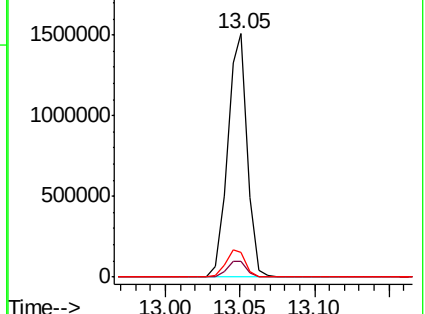
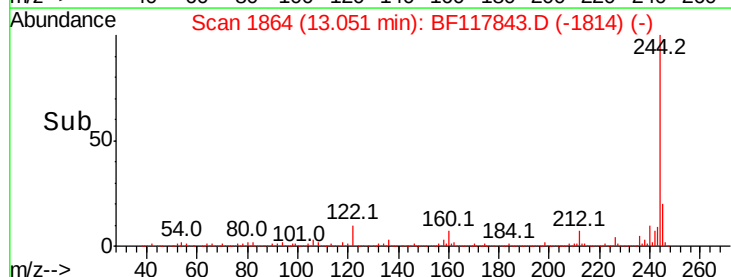
122 10.4 9.4 14.2

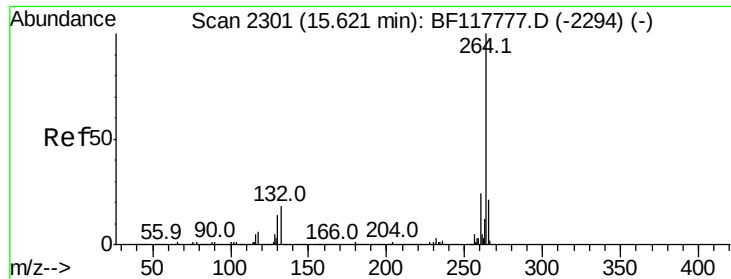


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlone-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BF117843.D

Acq: 18 Nov 2019 18:53

Instrument :

BNA_F

ClientSampleId :

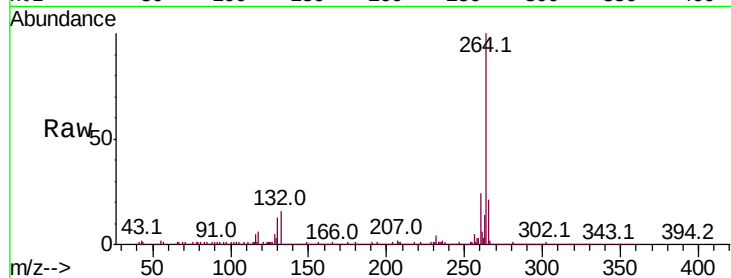
Tot Ion:264 Resp: 574654

Ion Ratio Lower Upper

264 100

260 24.3 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

