

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118153.D
 Acq On : 9 Dec 2019 19:21
 Operator : JU
 Sample : K6177-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 00:55:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

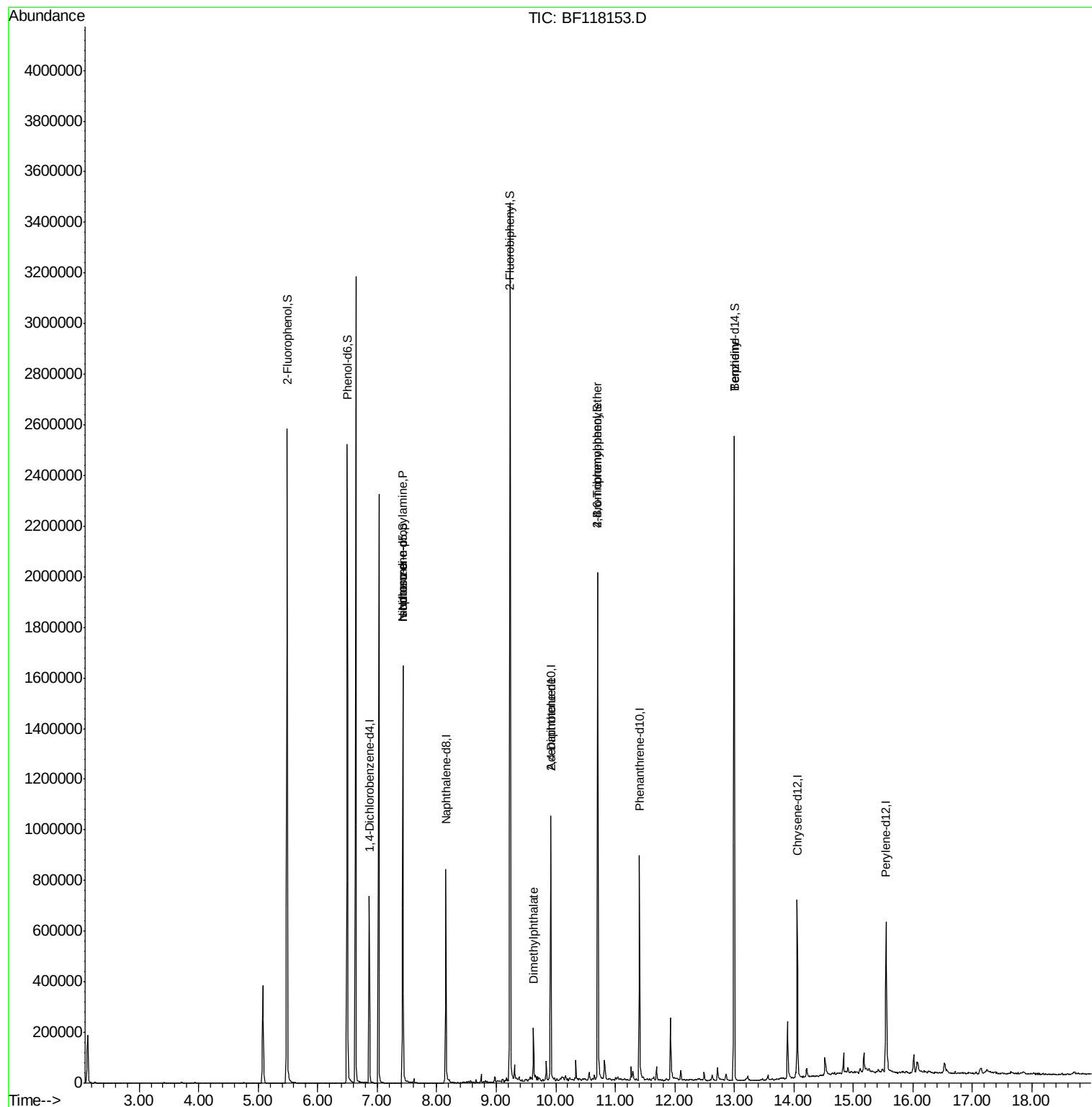
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	110349	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	416158	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	207392	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	334630	20.00	ng	0.00
76) Chrysene-d12	14.06	240	219678	20.00	ng	-0.01
87) Perylene-d12	15.55	264	287045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	732044	116.19	ng	0.00
7) Phenol-d6	6.50	99	903137	118.51	ng	0.00
23) Nitrobenzene-d5	7.43	82	545662	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	257827	102.34	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1054434	77.36	ng	0.00
79) Terphenyl-d14	13.00	244	898376	70.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1561	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.43	70	72290	15.611 ng	#	1
25) Isophorone	7.43	82	545659	43.513 ng	#	76
50) Dimethylphthalate	9.63	163	85141	5.558 ng	#	62
57) 2,4-Dinitrotoluene	9.92	165	27198	6.117 ng	#	98
67) 4-Bromophenyl-phenylether	10.70	248	16584	4.342 ng	#	24
77) Benizidine	12.99	184	12212	2.112 ng	#	1
					#	94

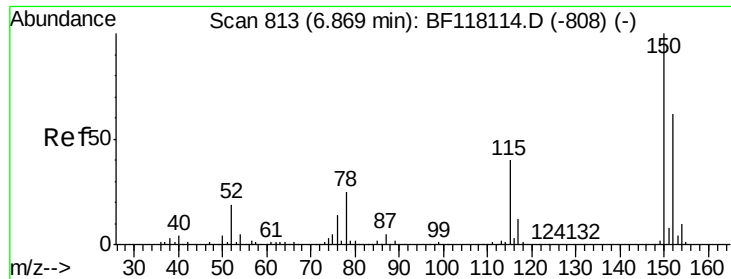
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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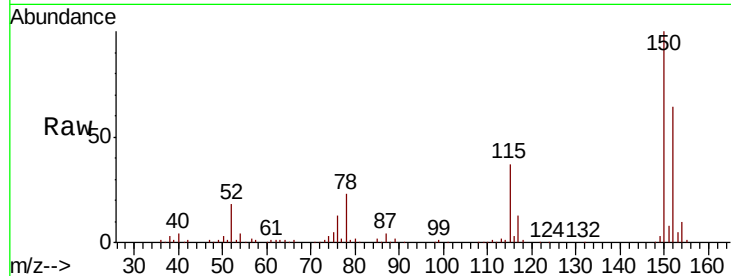


#1

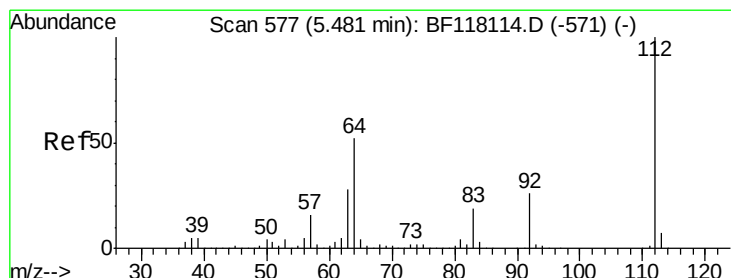
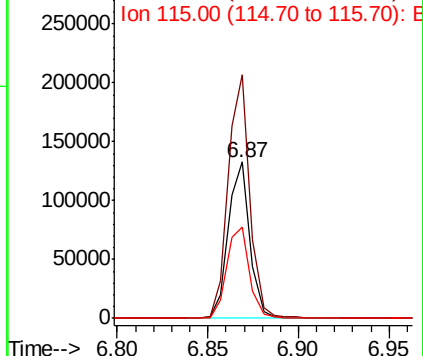
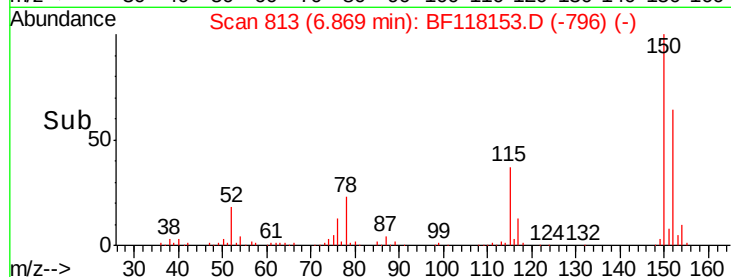
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110349
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 58.3 51.1 76.7



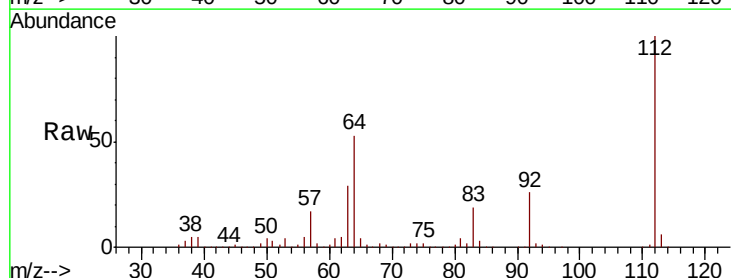
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



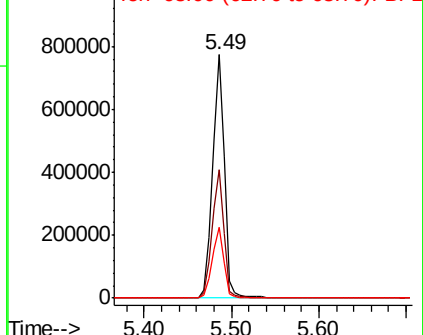
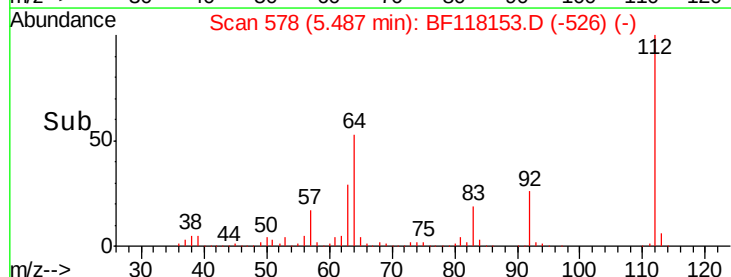
#5

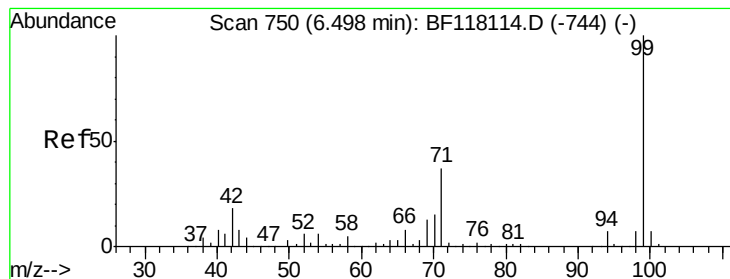
2-Fluorophenol
Concen: 116.190 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Tgt Ion:112 Resp: 732044
Ion Ratio Lower Upper
112 100
64 53.0 41.3 61.9
63 29.2 22.4 33.6



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: 118.514 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

Instrument :

BNA_F

ClientSampled :

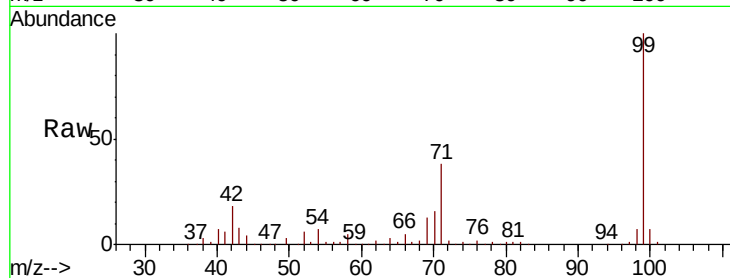
Tot Ion: 99 Resp: 903137

Ion Ratio Lower Upper

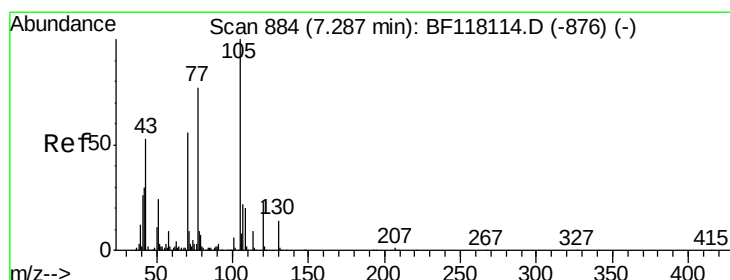
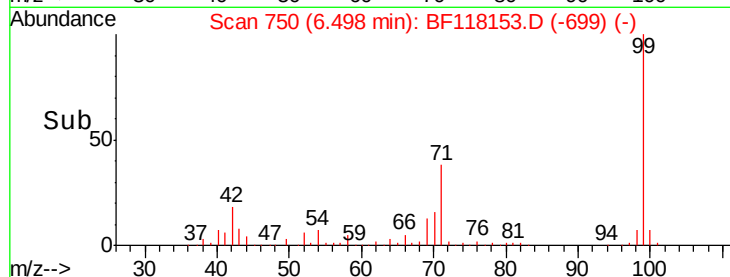
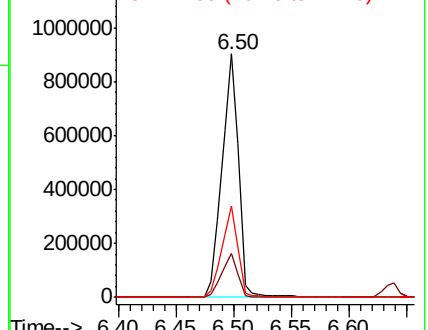
99 100

42 17.8 14.1 21.1

71 37.7 29.7 44.5



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: 15.611 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

Tgt Ion: 70 Resp: 72290

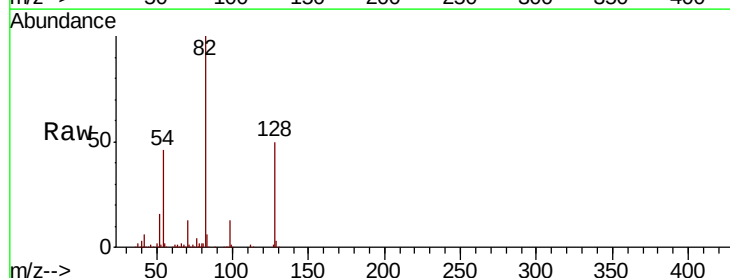
Ion Ratio Lower Upper

70 100

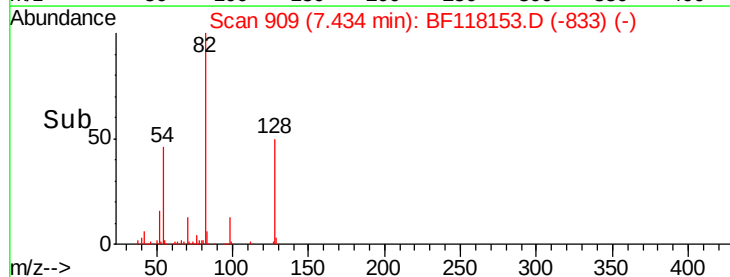
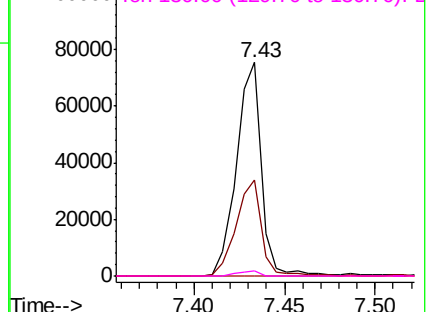
42 44.7 43.2 64.8

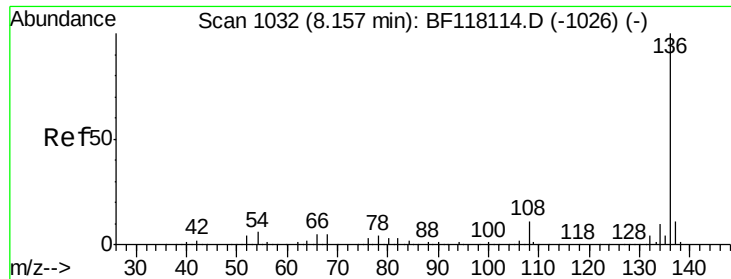
101 0.0 8.1 12.1#

130 2.3 19.8 29.8#



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): E
Ion 130.00 (129.70 to 130.70): E

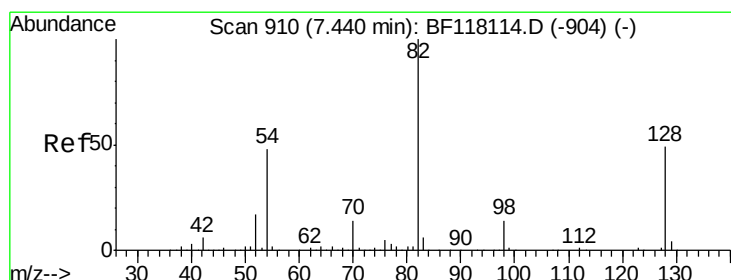
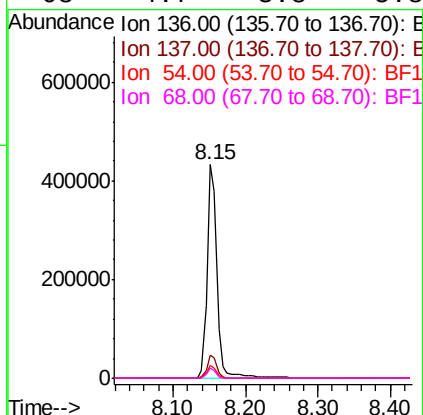
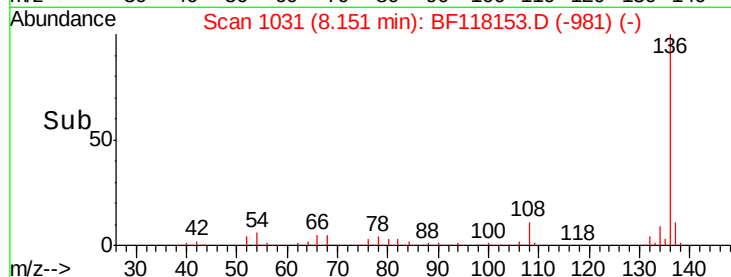
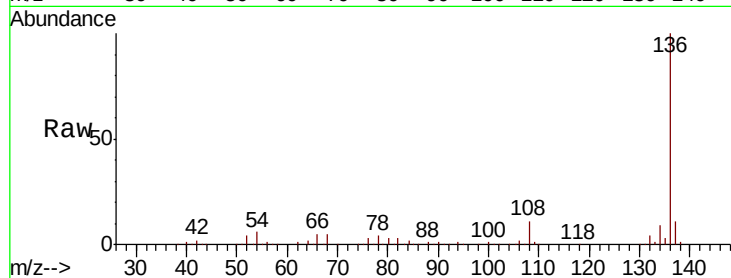




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

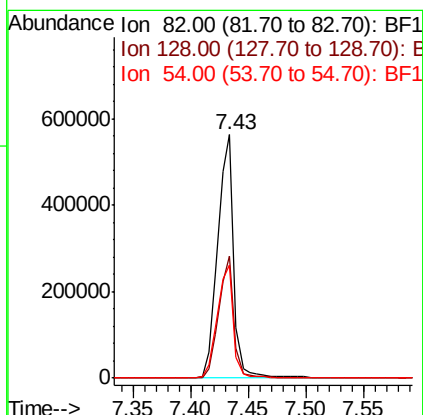
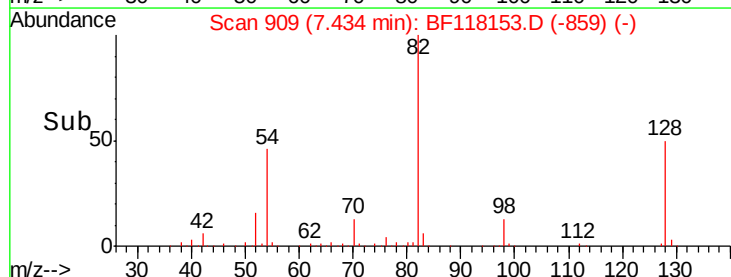
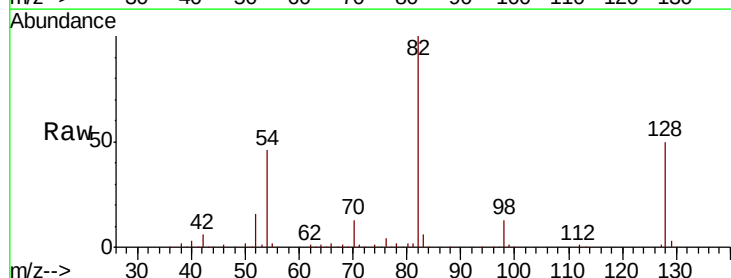
Instrument :
BNA_F
ClientSampleId :

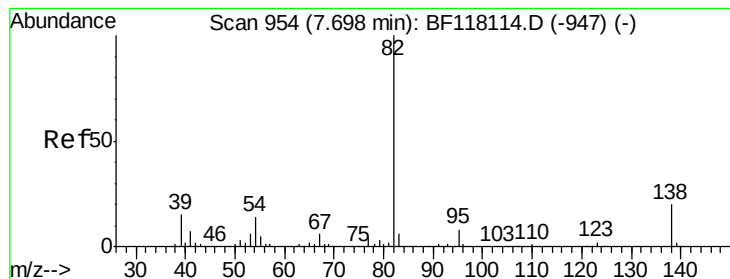
Tot Ion:	136	Resp:	416158
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.2	5.0	7.6
68	4.7	3.8	5.8



#23
Nitrobenzene-d5
Concen: 73.765 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Tgt Ion:	82	Resp:	545662
Ion	Ratio	Lower	Upper
82	100		
128	50.0	39.1	58.7
54	46.2	38.2	57.2





#25

Isophorone

Concen: 43.513 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

Instrument :

BNA_F

ClientSampleId :

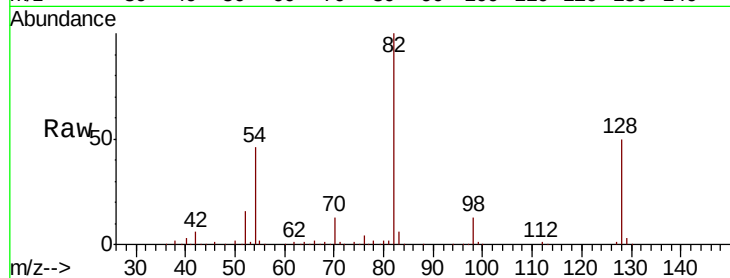
Tot Ion: 82 Resp: 545659

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#

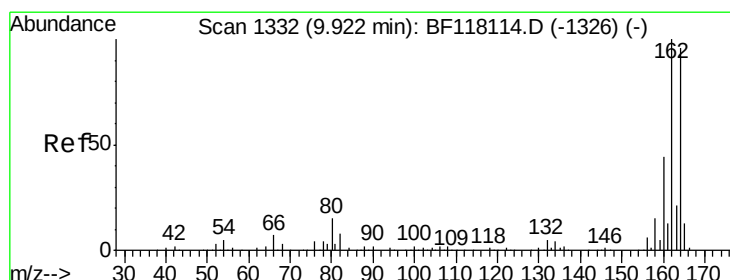
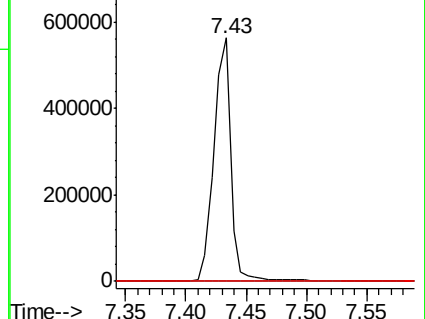
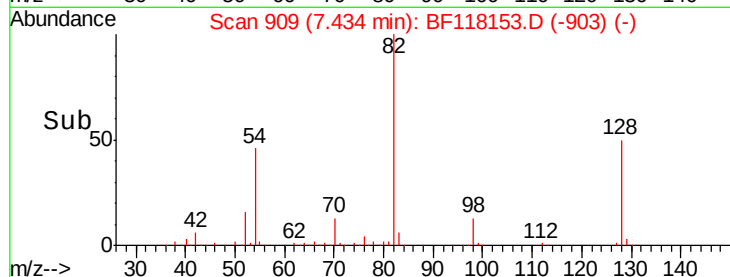


Abundance Ion 82.00 (81.70 to 82.70): BF118114.D (-947) (-)

Ion 95.00 (94.70 to 95.70): BF118114.D (-947) (-)

Ion 138.00 (137.70 to 138.70): BF118114.D (-947) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

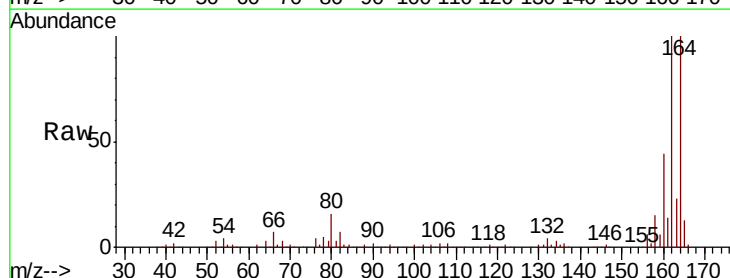
Tgt Ion: 164 Resp: 207392

Ion Ratio Lower Upper

164 100

162 99.8 83.4 125.0

160 43.8 36.6 54.8

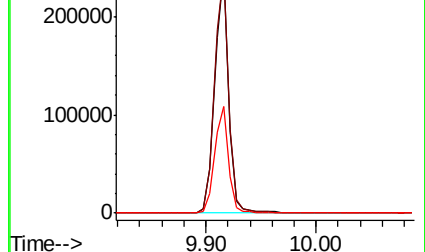
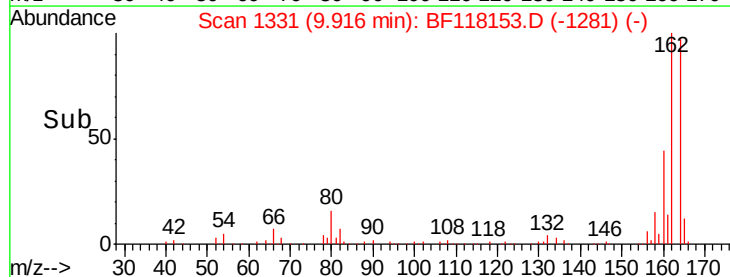


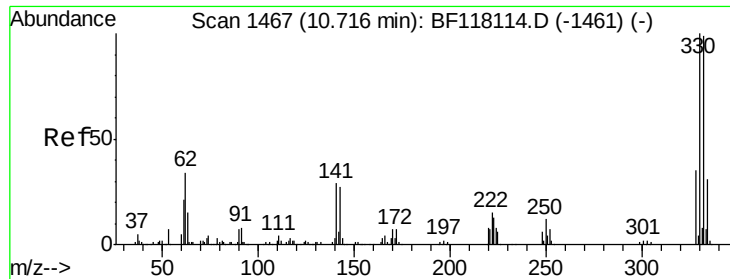
Abundance Ion 164.00 (163.70 to 164.70): BF118114.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF118114.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF118114.D (-1326) (-)

Time-->

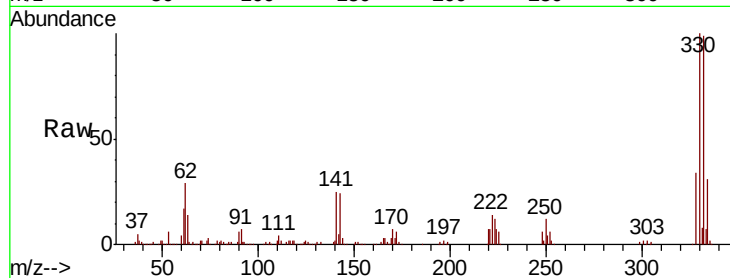




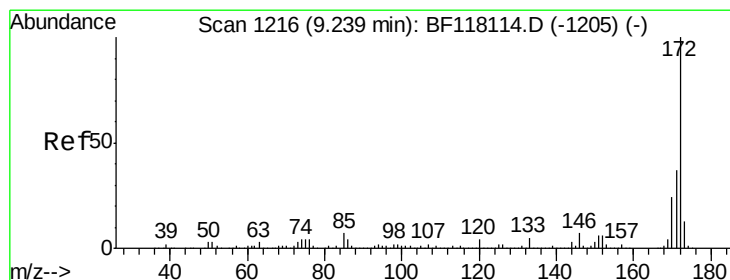
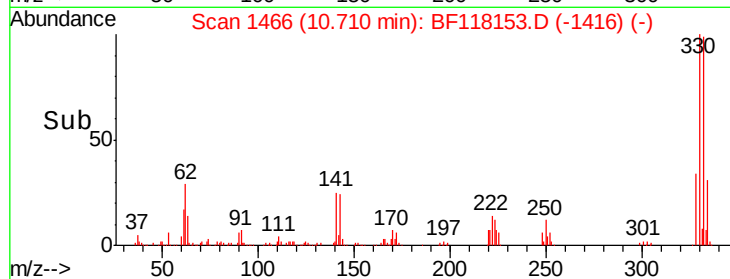
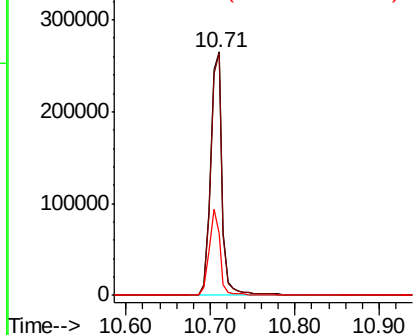
#42
 2,4,6-Tribromophenol
 Concen: 102.335 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118153.D
 Acq: 9 Dec 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 257827
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.1 117.1
 141 33.7 26.9 40.3

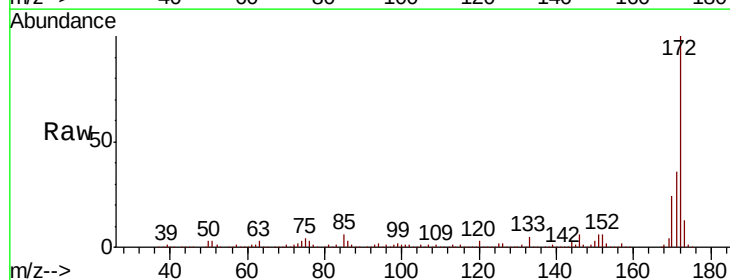


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

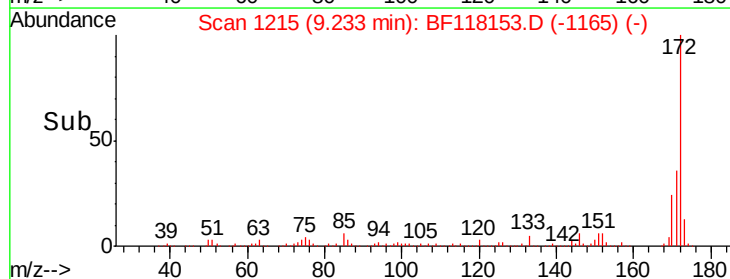
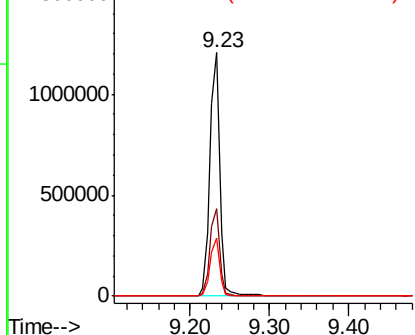


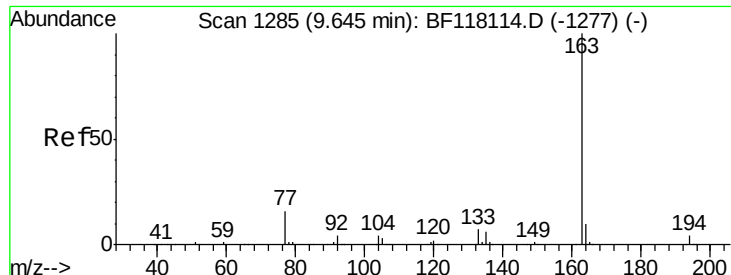
#45
 2-Fluorobiphenyl
 Concen: 77.364 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118153.D
 Acq: 9 Dec 2019 19:21

Tgt Ion:172 Resp: 1054434
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.9 19.4 29.2



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

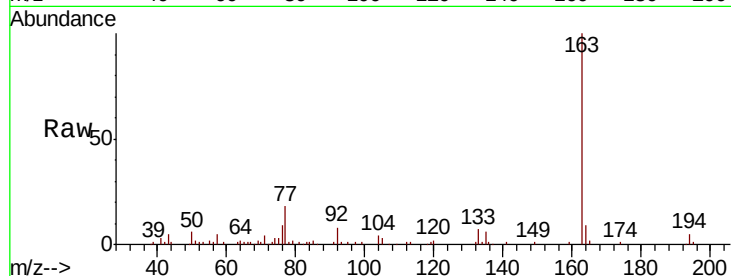




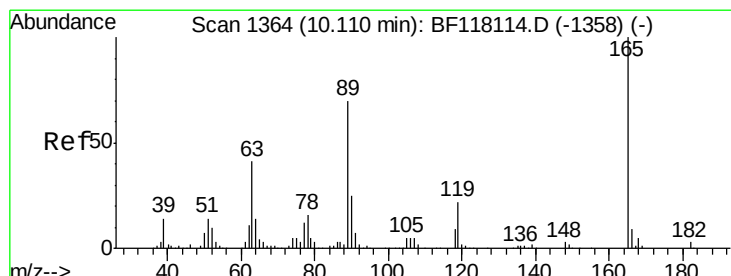
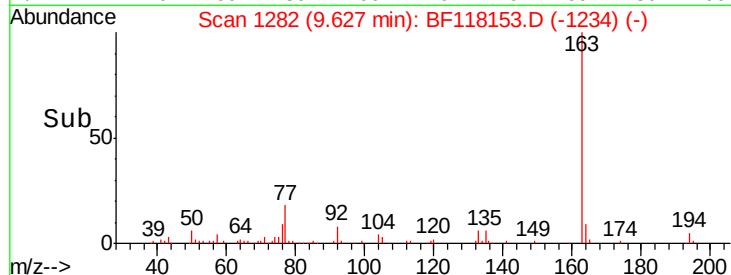
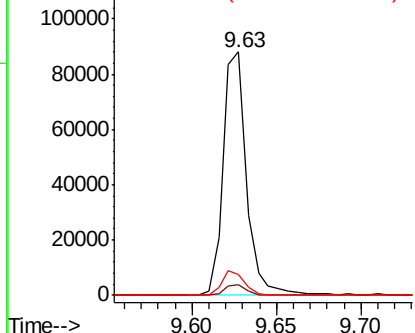
#50
 Dimethylphthalate
 Concen: 5.558 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF118153.D
 Acq: 9 Dec 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	85141
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	8.8	7.7	11.5

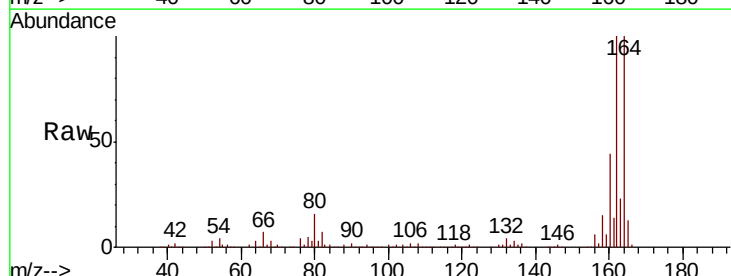


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

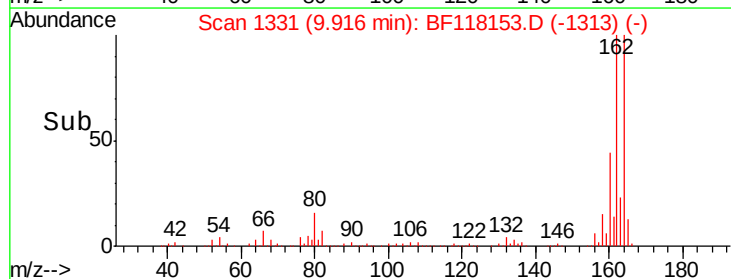
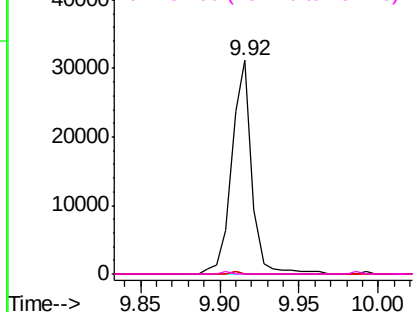


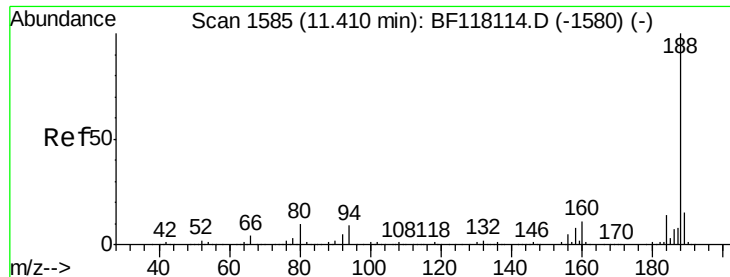
#57
 2,4-Dinitrotoluene
 Concen: 6.117 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118153.D
 Acq: 9 Dec 2019 19:21

Tgt Ion:	165	Resp:	27198
Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	0.0	56.1	84.1#
182	0.0	2.1	3.1#



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

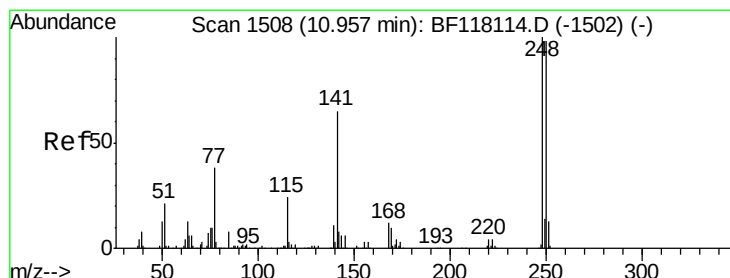
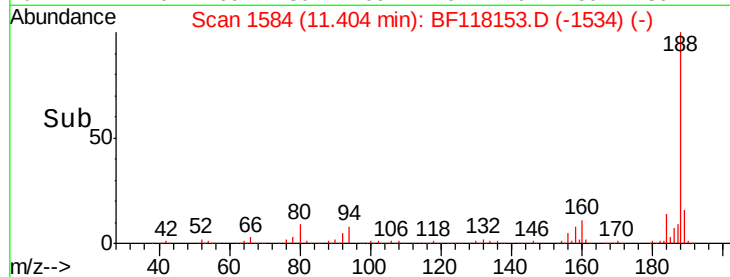
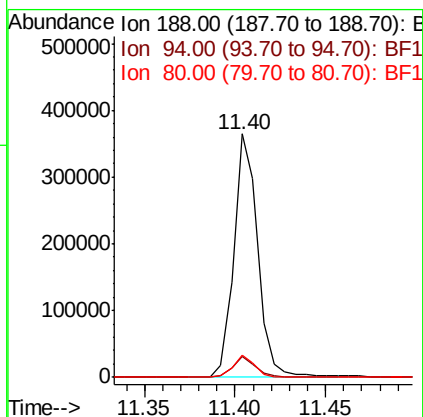
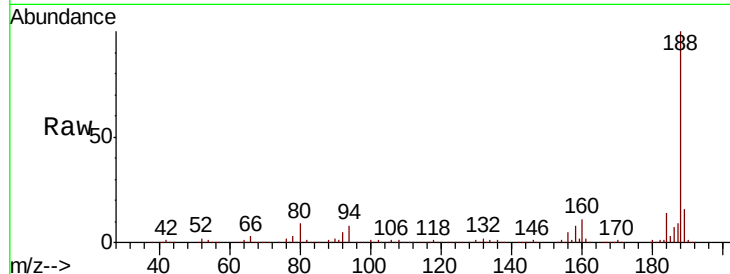




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118153.D
 Acq: 9 Dec 2019 19:21

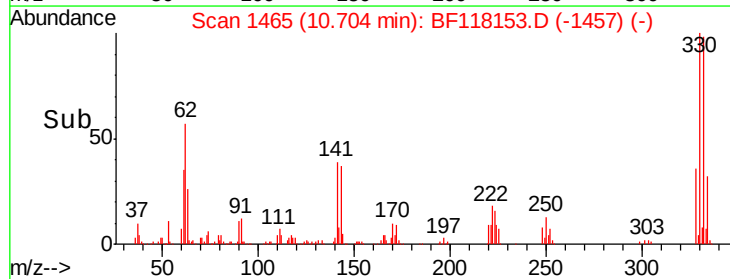
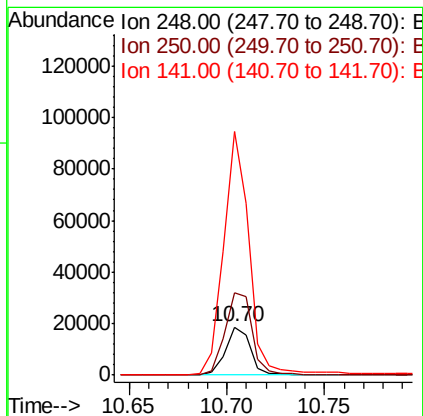
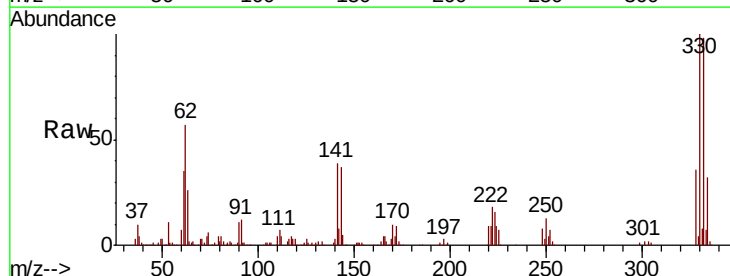
Instrument :
 BNA_F
 ClientSampled :

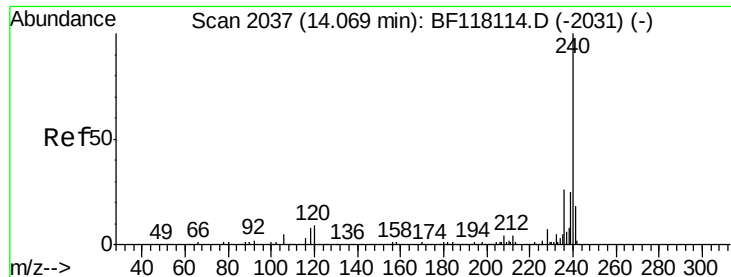
Tot Ion:188 Resp: 334630
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.1 10.7
 80 9.2 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 4.342 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118153.D
 Acq: 9 Dec 2019 19:21

Tgt Ion:248 Resp: 16584
 Ion Ratio Lower Upper
 248 100
 250 172.2 78.3 117.5#
 141 507.5 52.2 78.4#

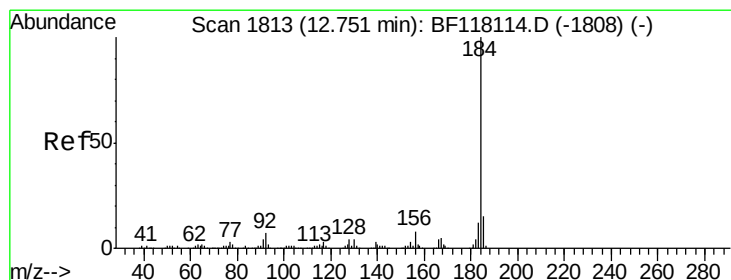
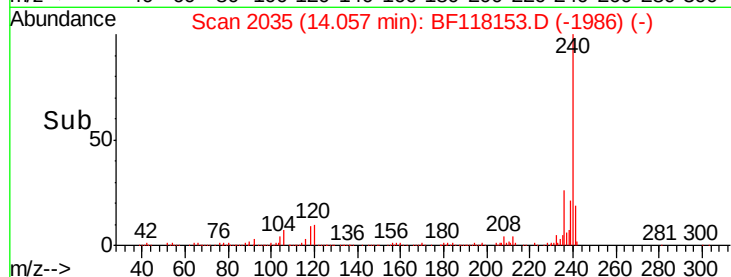
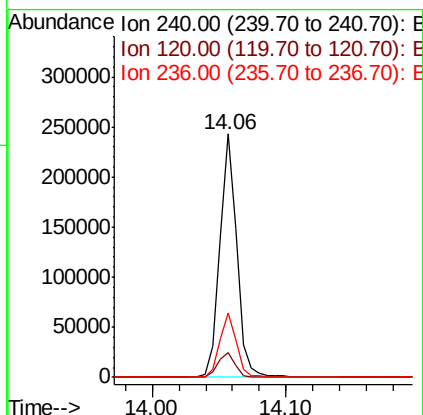
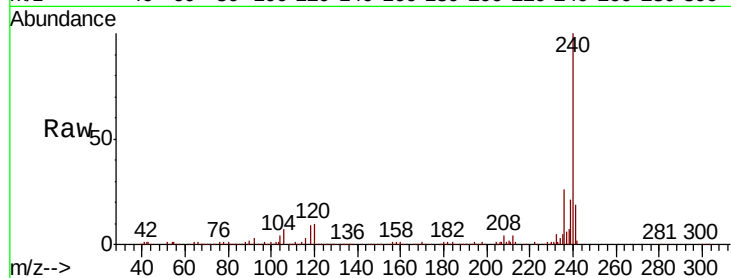




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118153.D
 Acq: 9 Dec 2019 19:21

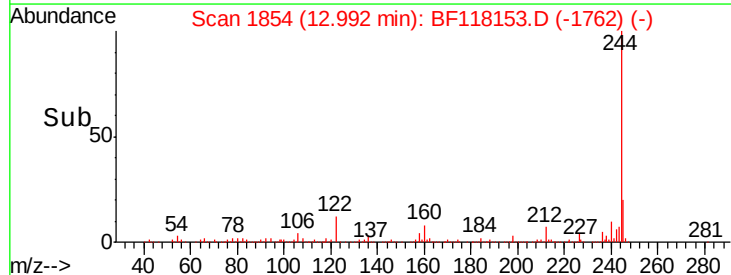
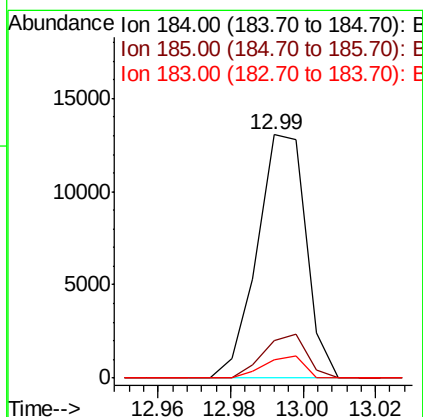
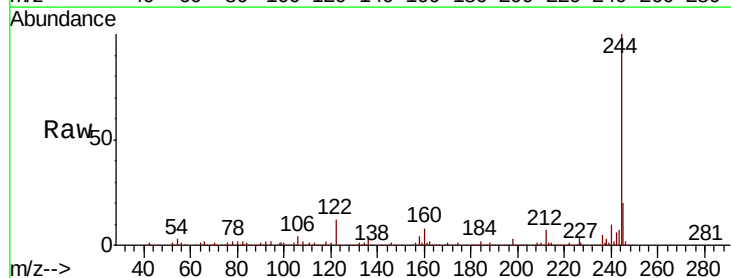
Instrument :
 BNA_F
 ClientSampleId :

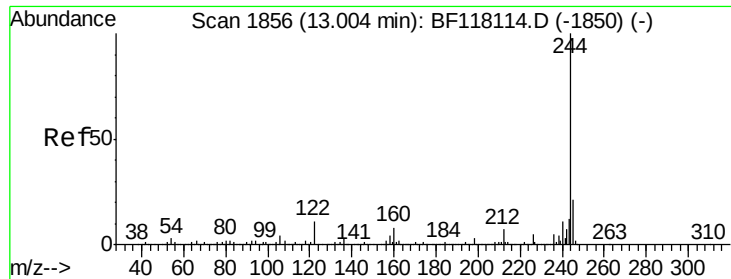
Tot Ion:240 Resp: 219678
 Ion Ratio Lower Upper
 240 100
 120 10.2 7.1 10.7
 236 26.3 21.0 31.6



#77
 Benzidine
 Concen: 2.112 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.24 min
 Lab File: BF118153.D
 Acq: 9 Dec 2019 19:21

Tgt Ion:184 Resp: 12212
 Ion Ratio Lower Upper
 184 100
 185 15.6 12.3 18.5
 183 7.6 9.9 14.9#





#79

Terphenyl-d14

Concen: 70.324 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

Instrument :

BNA_F

ClientSampleId :

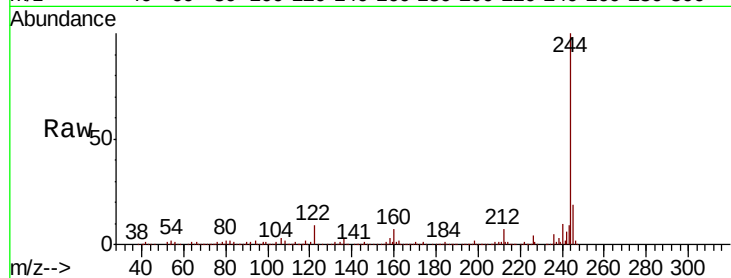
Tot Ion:244 Resp: 898376

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

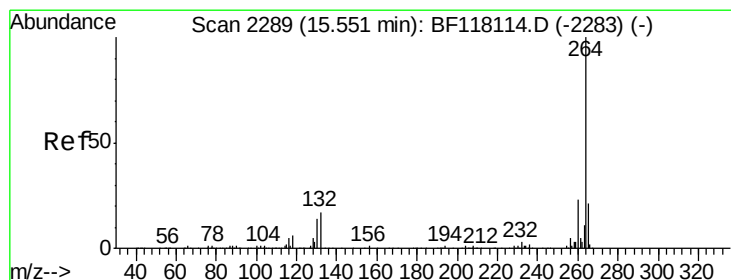
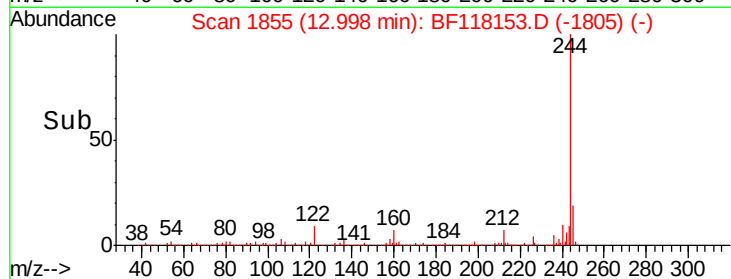
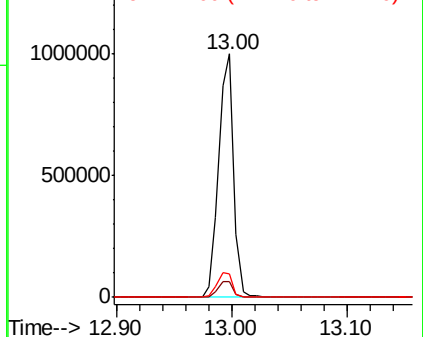
122 9.5 9.0 13.6



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: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

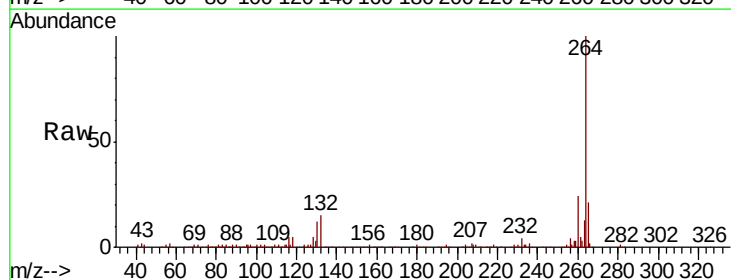
Tgt Ion:264 Resp: 287045

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.2 16.8 25.2



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

