

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118212.D
 Acq On : 16 Dec 2019 22:35
 Operator : JU
 Sample : K6145-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:08:11 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

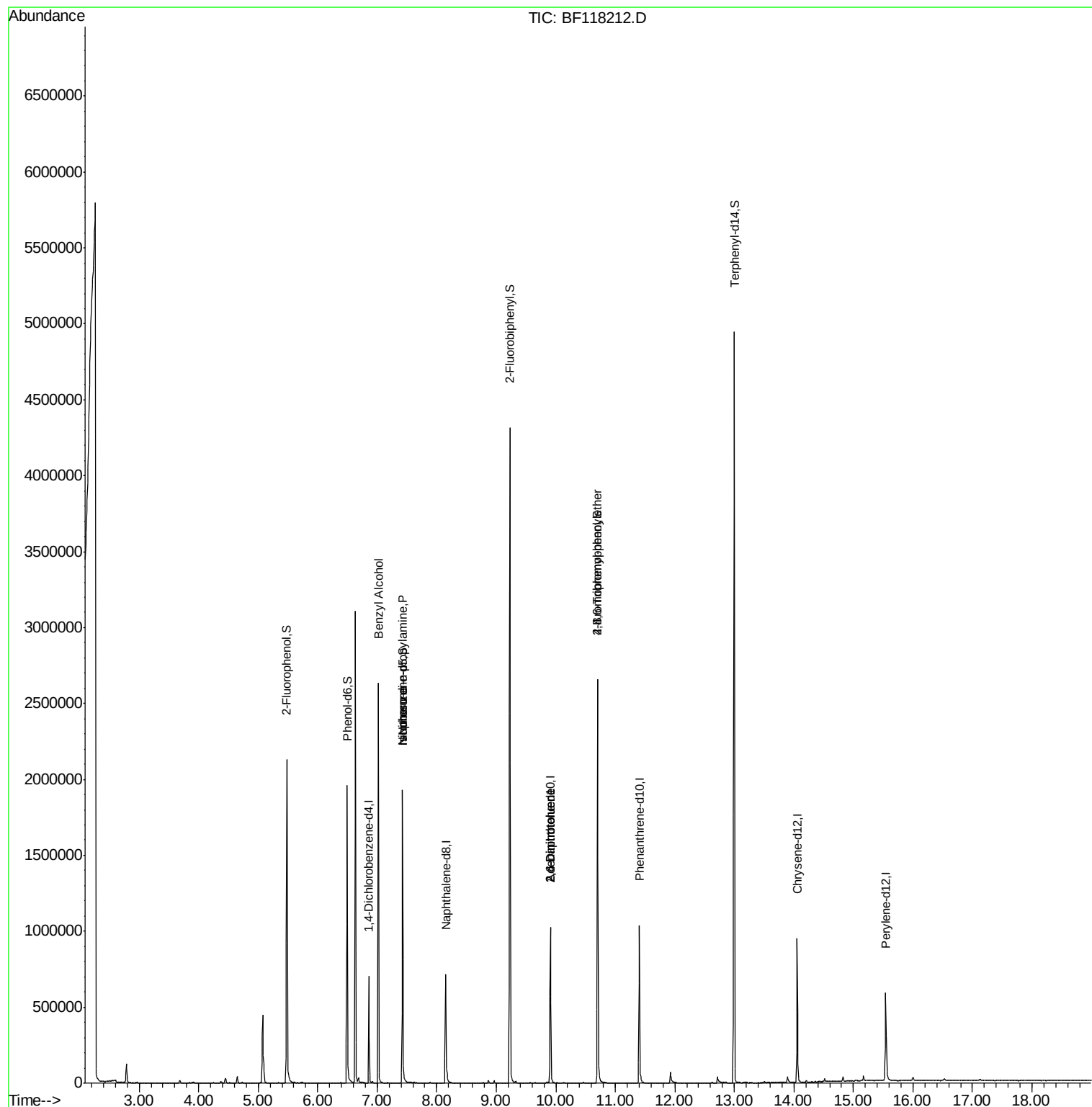
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	95583	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	375383	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	200581	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	395181	20.00	ng	0.00
76) Chrysene-d12	14.06	240	318374	20.00	ng	-0.01
87) Perylene-d12	15.54	264	311720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	673572	123.43	ng	0.00
7) Phenol-d6	6.49	99	751197	113.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	583550	87.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	342519	140.57	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1232648	93.51	ng	-0.01
79) Terphenyl-d14	13.00	244	1679393	90.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	1050	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	7.02	79	10360	2.011 ng	#	56
19) n-Nitroso-di-n-propylamine	7.43	70	80474	20.063 ng	#	77
25) Isophorone	7.43	82	577400	51.046 ng	#	62
51) 2,6-Dinitrotoluene	9.91	165	25737	7.989 ng	#	27
57) 2,4-Dinitrotoluene	9.91	165	25737	5.985 ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	21606	4.790 ng	#	1

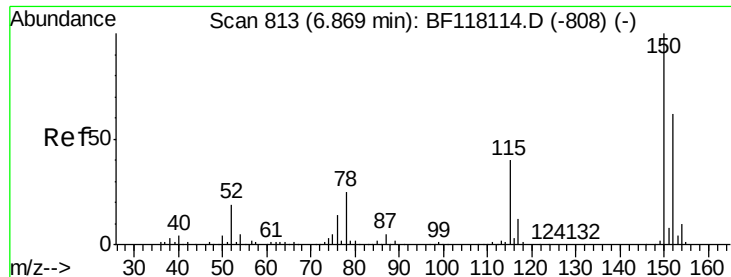
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



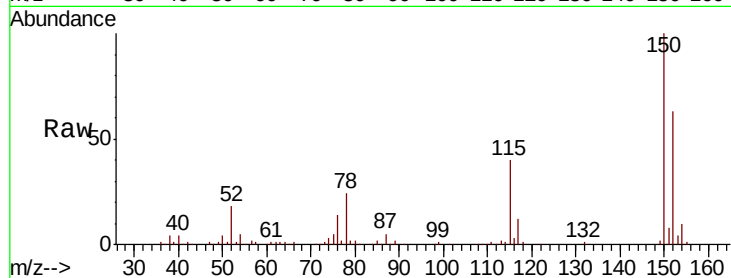


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118212.D
Acq: 16 Dec 2019 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.3	192.5
115	63.6	51.1	76.7

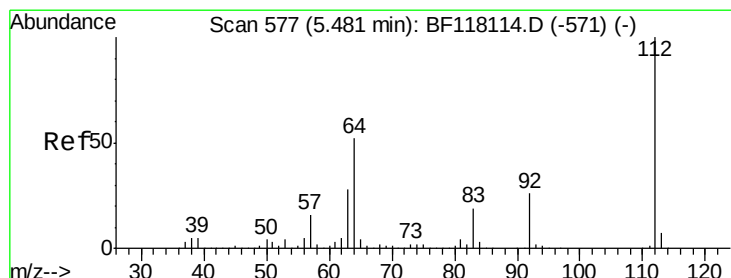
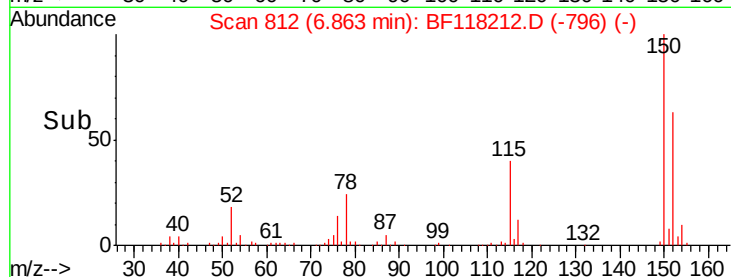
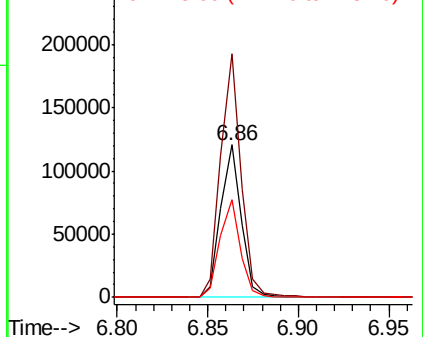


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

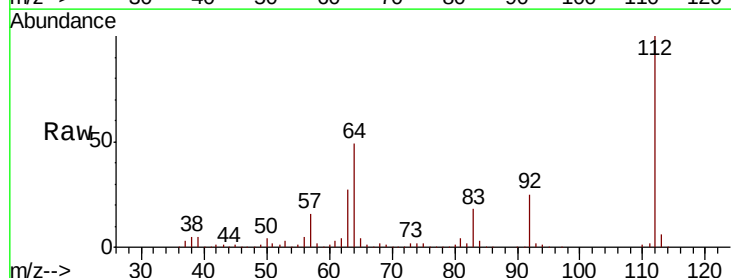
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.425 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118212.D
Acq: 16 Dec 2019 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.1	41.3	61.9
63	27.1	22.4	33.6

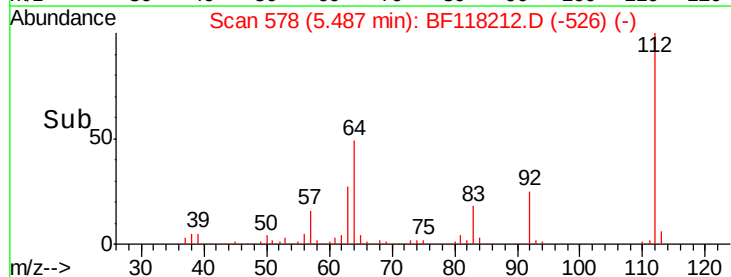
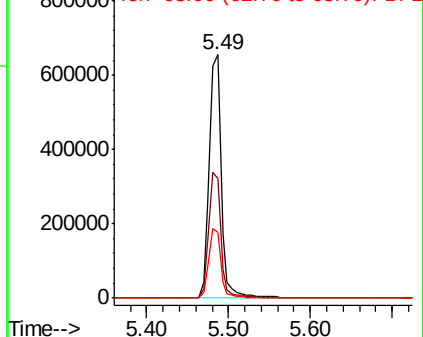


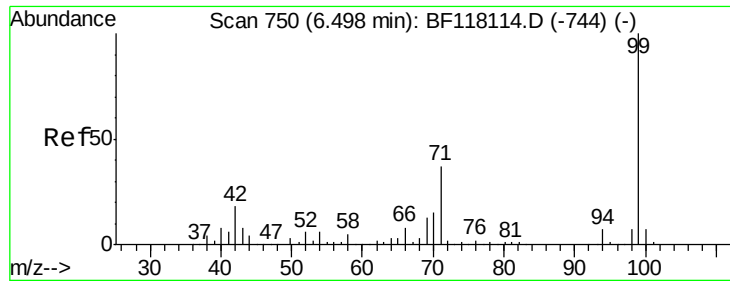
Abundance

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: 113.804 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

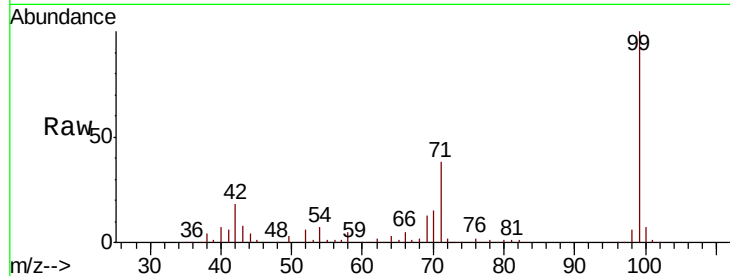
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 751197

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	37.7	29.7	44.5

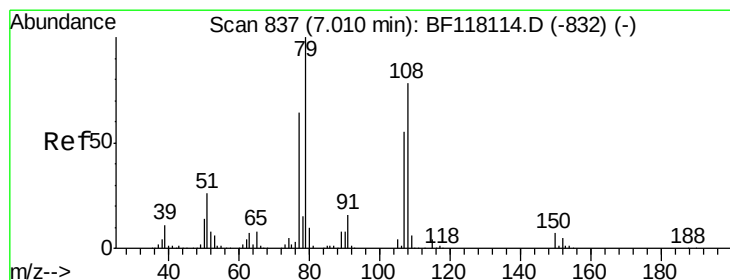
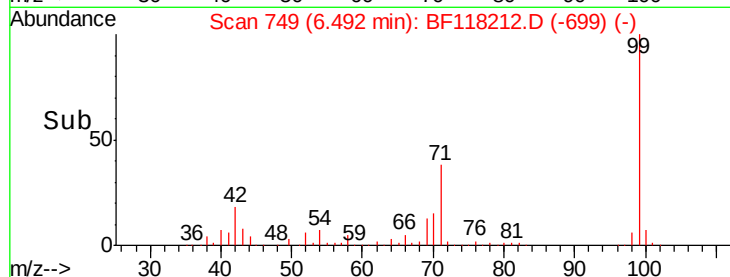
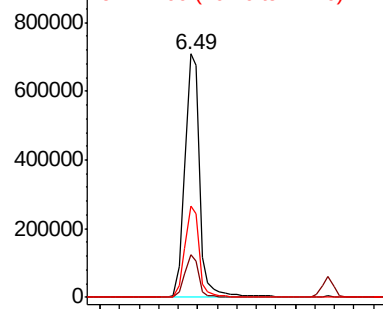


Abundance

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



#15

Benzyl Alcohol

Concen: 2.011 ng

RT: 7.02 min Scan# 839

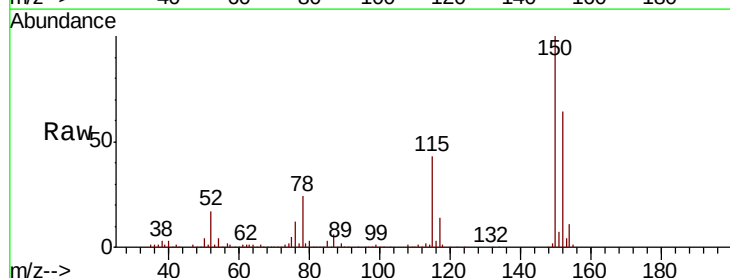
Delta R.T. 0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

Tgt Ion: 79 Resp: 10360

Ion	Ratio	Lower	Upper
79	100		
108	39.5	62.7	94.1#
77	97.7	51.4	77.2#

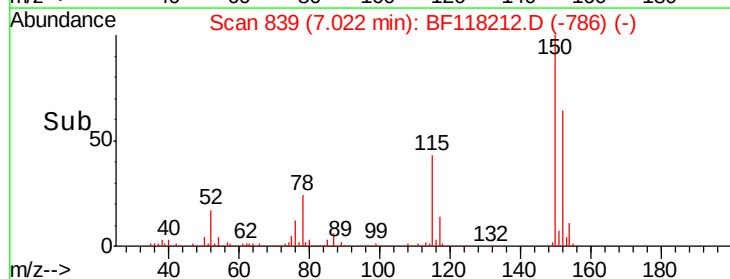
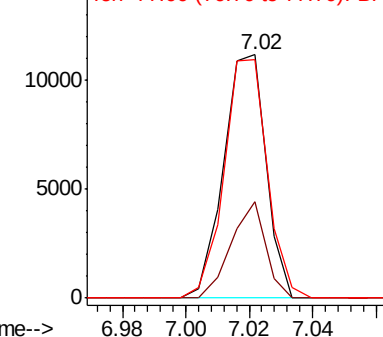


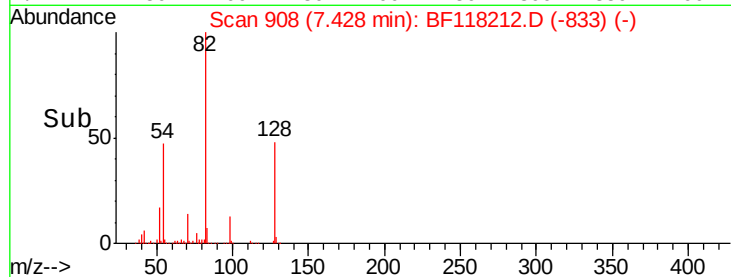
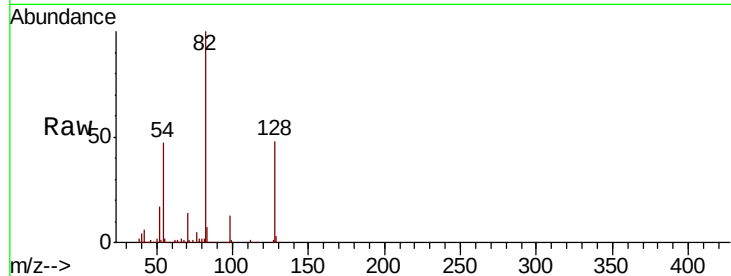
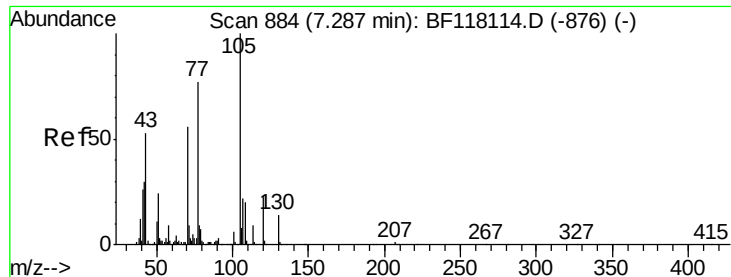
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

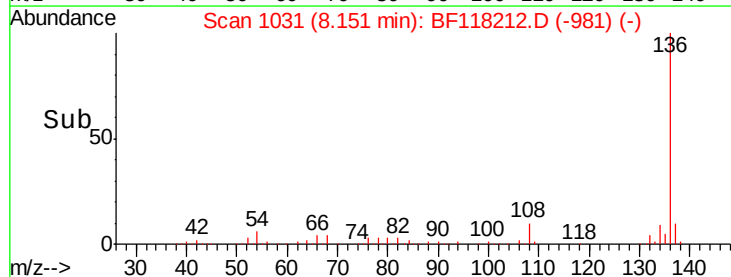
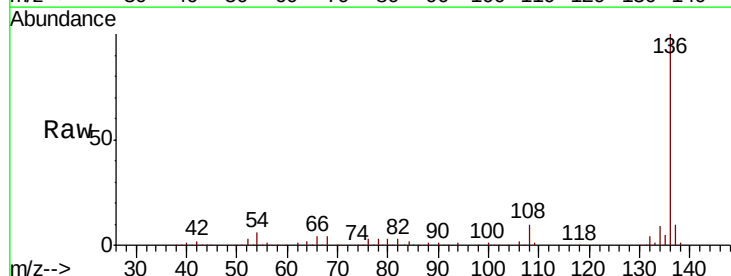
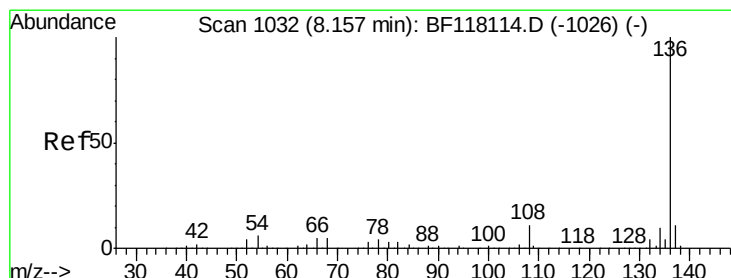
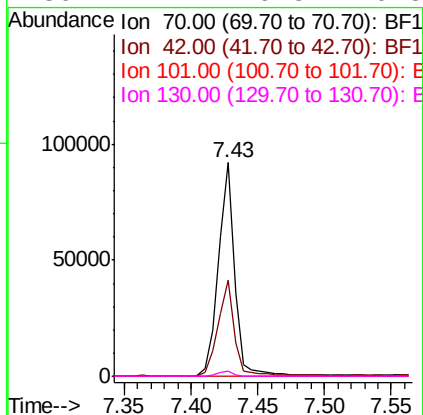




#19
n-Nitroso-di-n-propylamine
Concen: 20.063 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118212.D
Acq: 16 Dec 2019 22:35

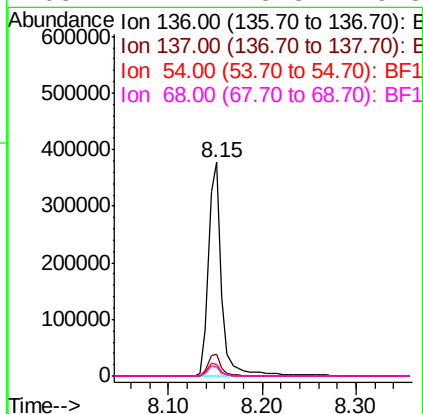
Instrument :
BNA_F
ClientSampled :

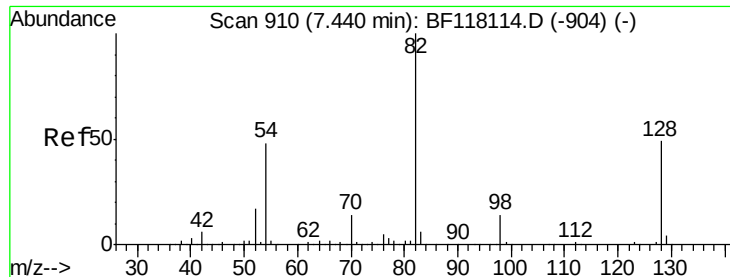
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	43.2	64.8
101	0.0	8.1	12.1#
130	2.2	19.8	29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118212.D
Acq: 16 Dec 2019 22:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	5.7	5.0	7.6
68	4.2	3.8	5.8





#23

Nitrobenzene-d5

Concen: 87.455 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

Instrument :

BNA_F

ClientSampled :

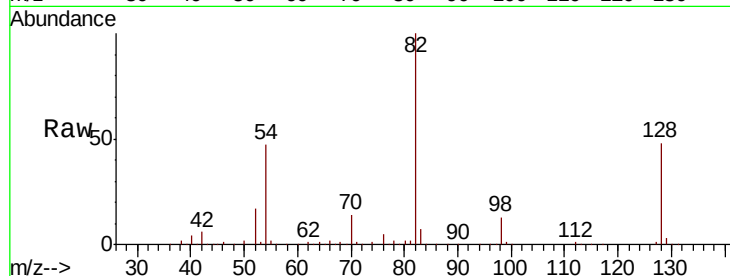
Tot Ion: 82 Resp: 583550

Ion Ratio Lower Upper

82 100

128 47.6 39.1 58.7

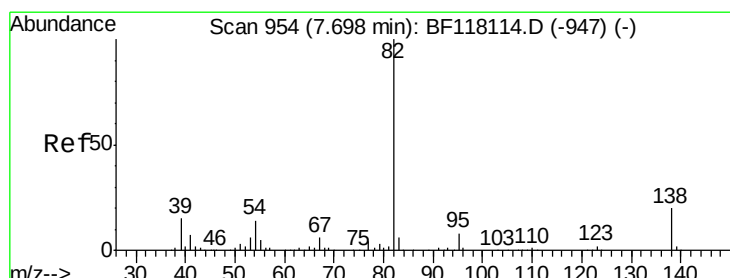
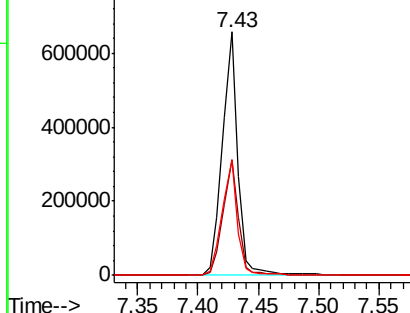
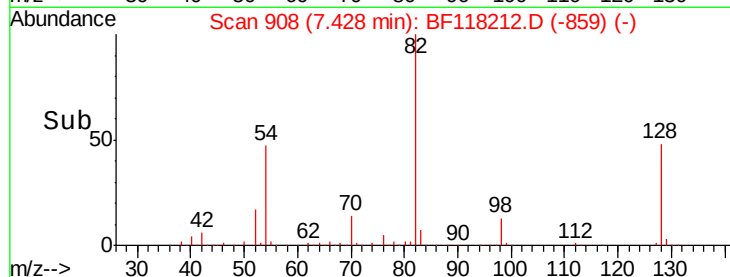
54 47.4 38.2 57.2



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: 51.046 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

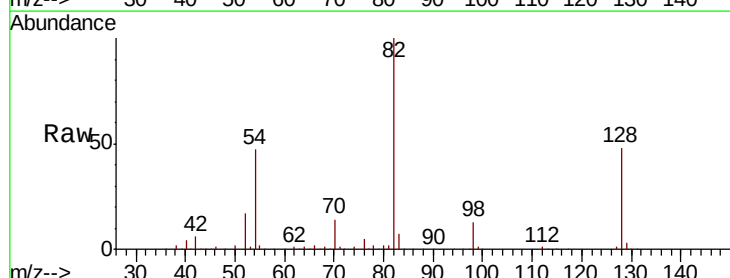
Tgt Ion: 82 Resp: 577400

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

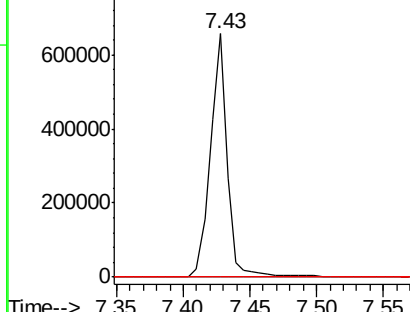
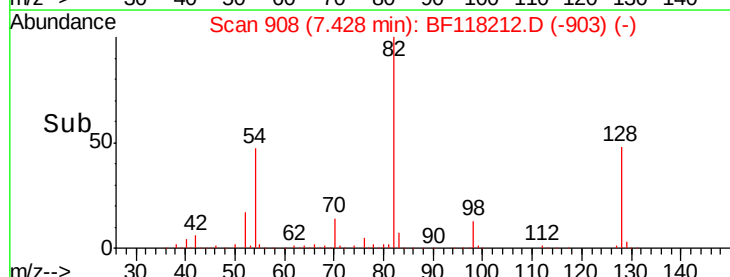
138 0.0 16.3 24.5#

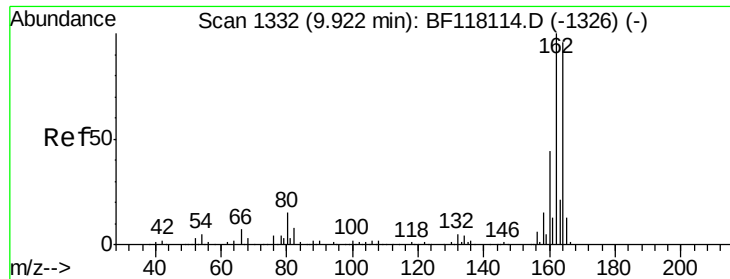


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

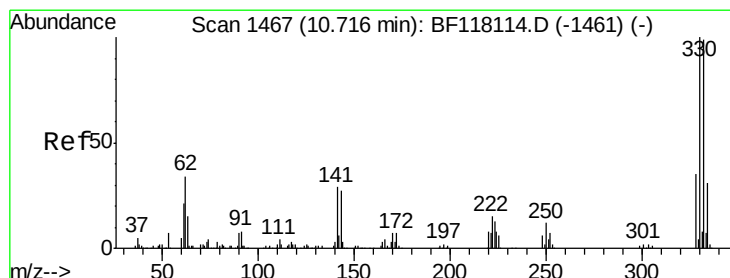
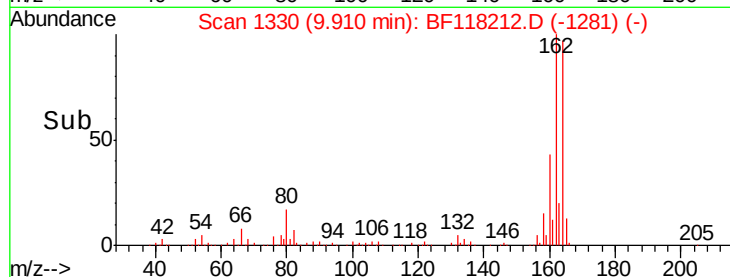
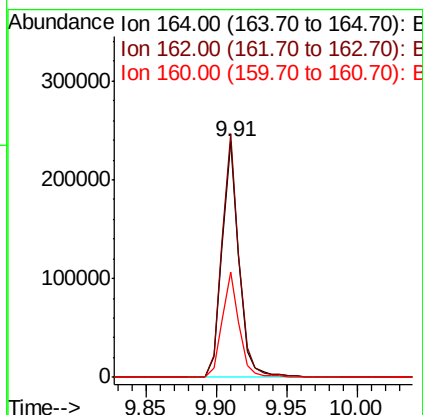
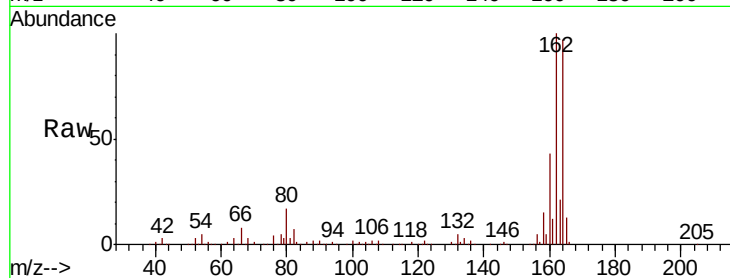




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

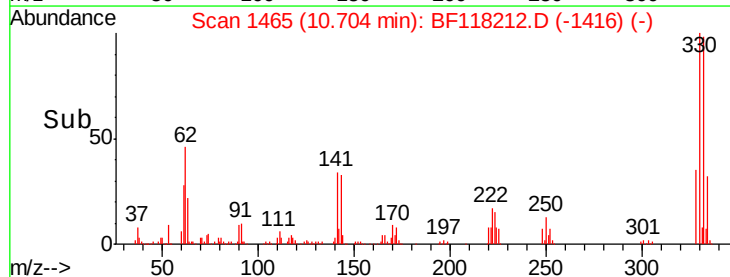
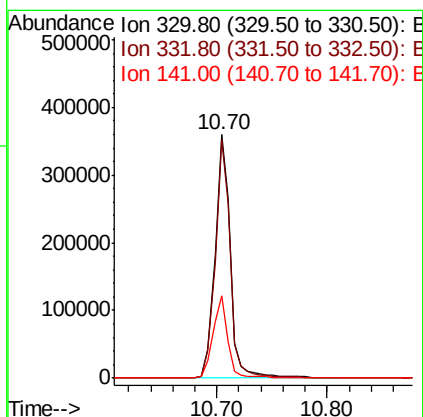
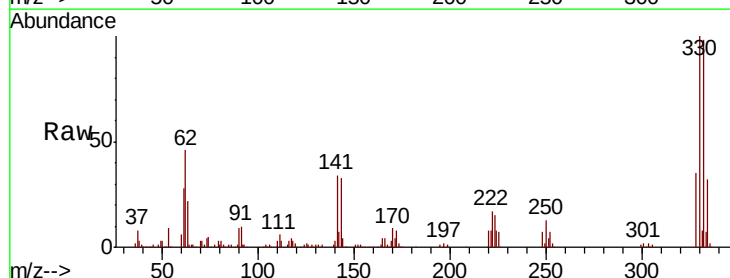
Instrument :
 BNA_F
 ClientSampleId :

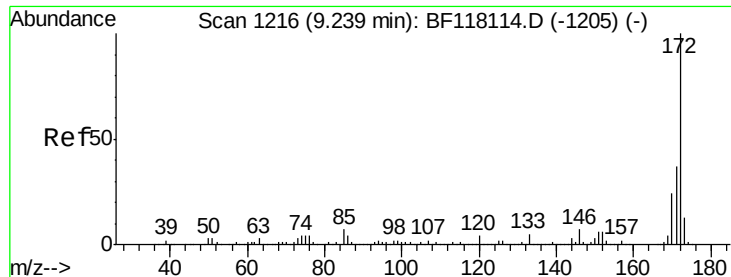
Tot Ion:164 Resp: 200581
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.4 125.0
 160 44.9 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 140.567 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

Tgt Ion:330 Resp: 342519
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.1 117.1
 141 32.7 26.9 40.3



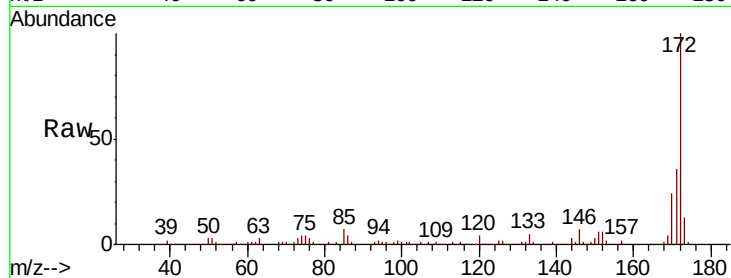


#45
 2-Fluorobiphenyl
 Concen: 93.511 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

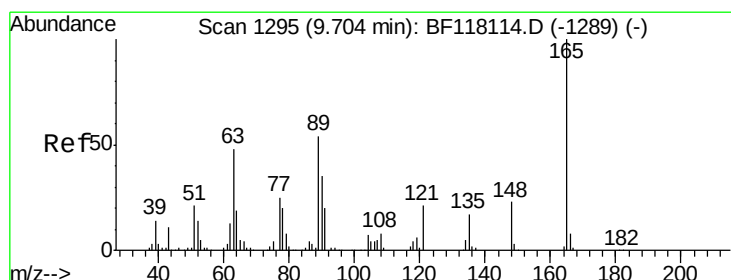
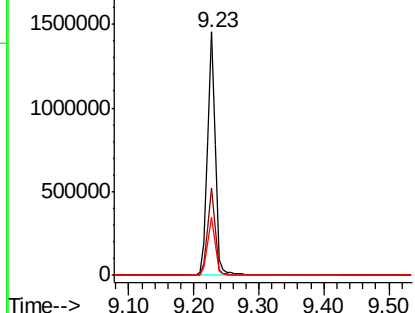
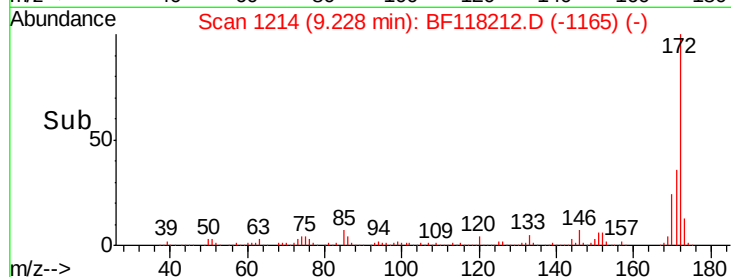
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1232648

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.7	19.4	29.2



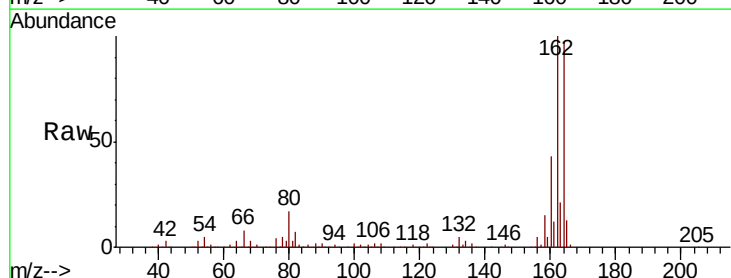
Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



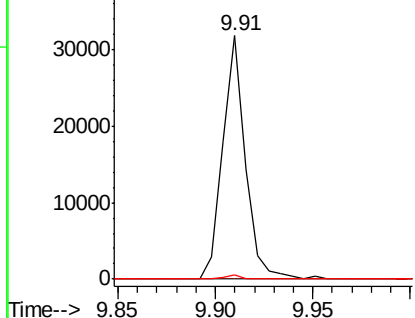
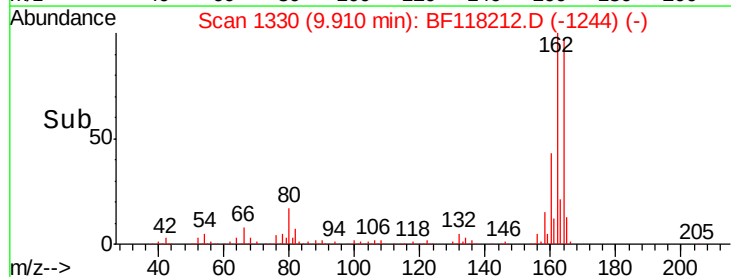
#51
 2,6-Dinitrotoluene
 Concen: 7.989 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

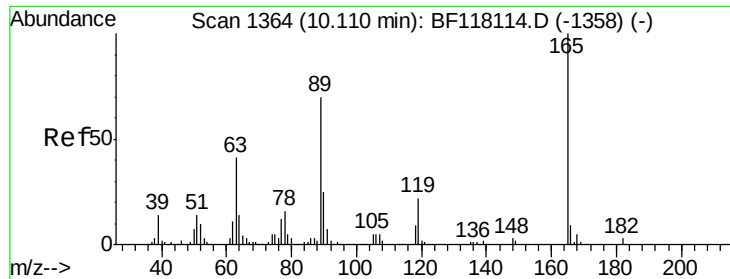
Tgt Ion:165 Resp: 25737

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.4	62.0#
89	1.6	42.9	64.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 40000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

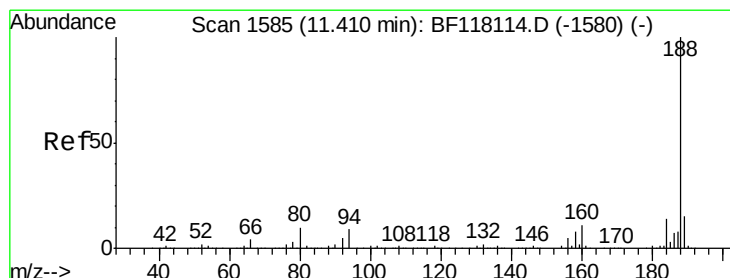
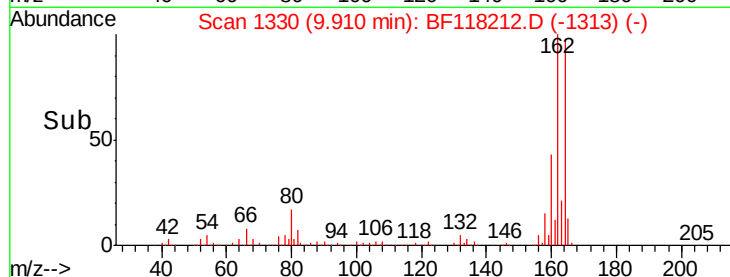
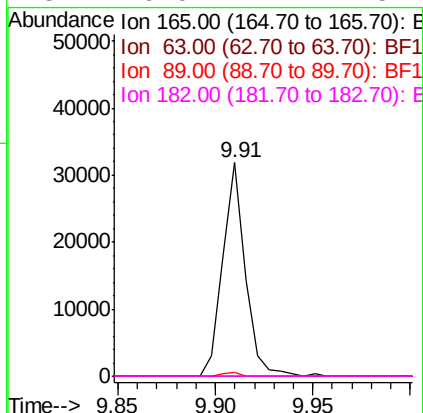
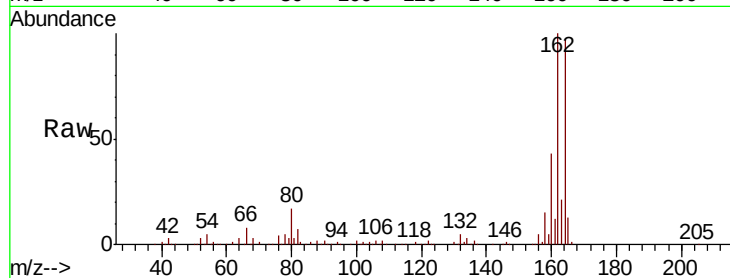




#57
 2,4-Dinitrotoluene
 Concen: 5.985 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

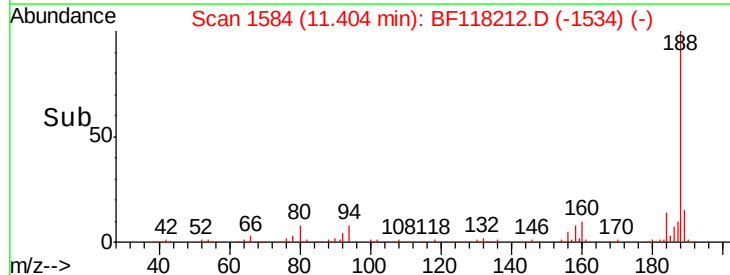
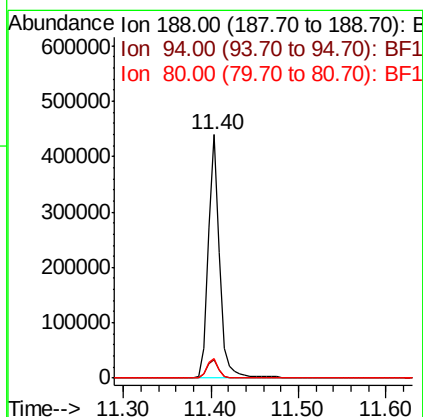
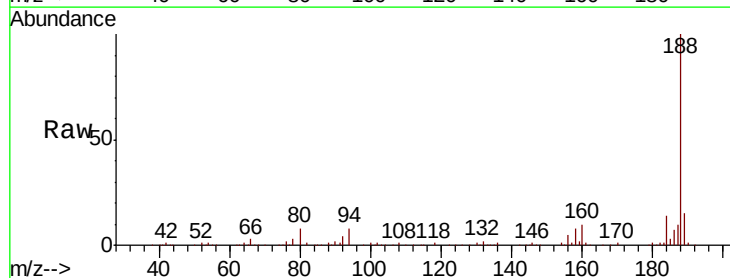
Instrument :
 BNA_F
 ClientSampled :

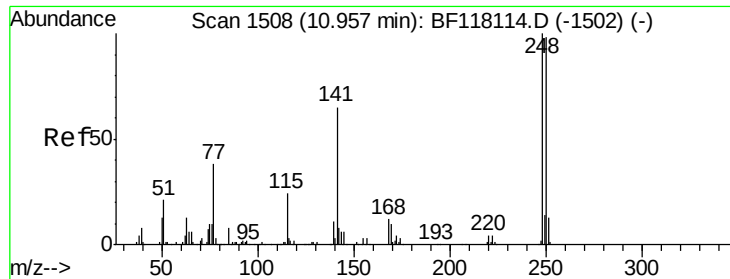
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	1.6	56.1	84.1#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.1	7.9	11.9

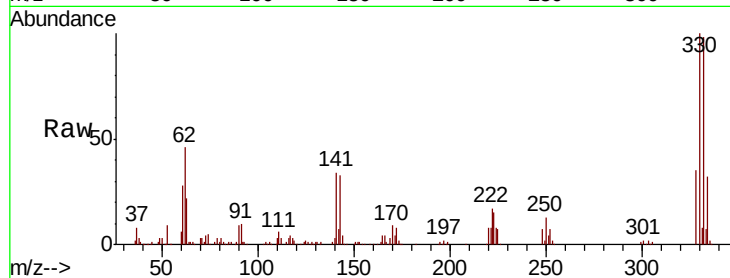




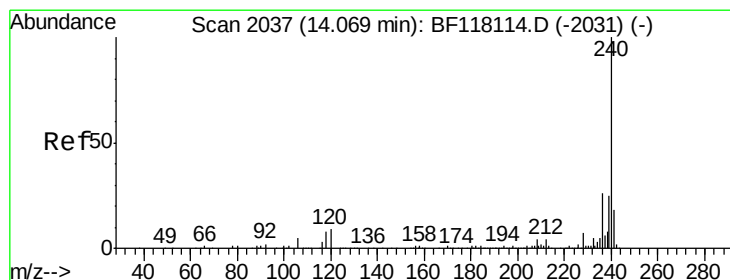
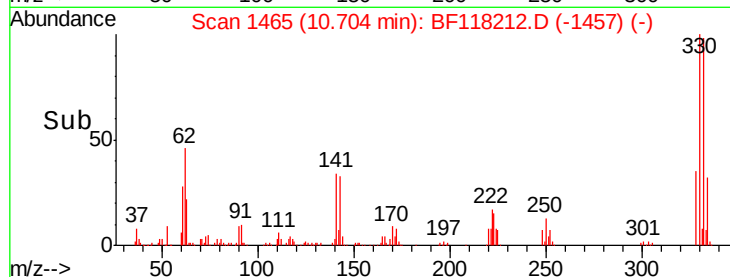
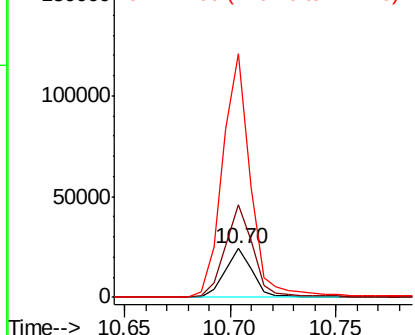
#67
 4-Bromophenyl-phenylether
 Concen: 4.790 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 21606
 Ion Ratio Lower Upper
 248 100
 250 191.9 78.3 117.5#
 141 501.3 52.2 78.4#

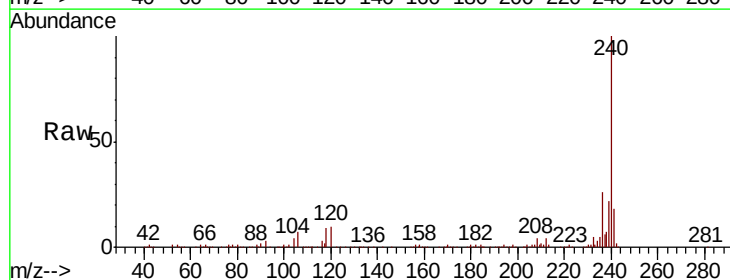


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

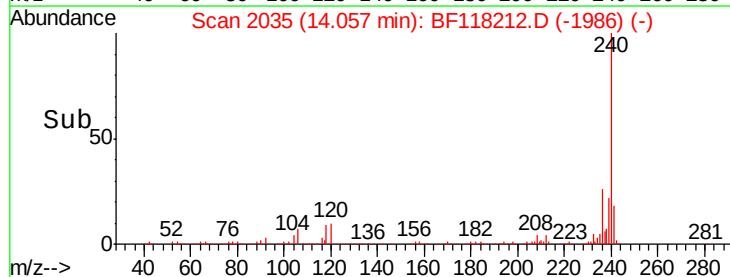
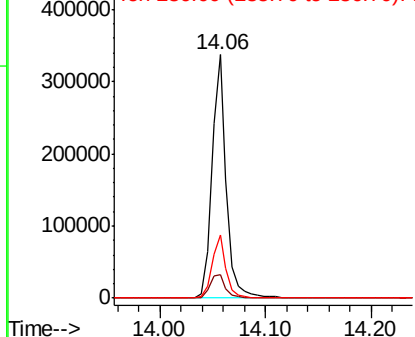


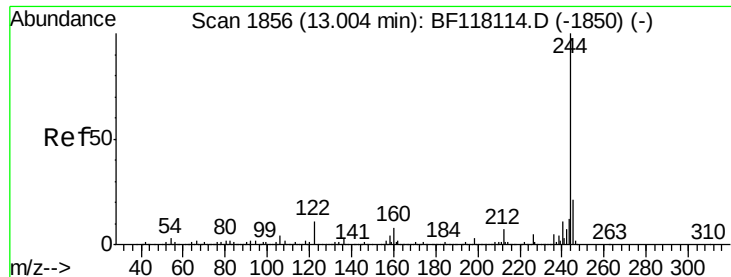
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

Tgt Ion:240 Resp: 318374
 Ion Ratio Lower Upper
 240 100
 120 9.6 7.1 10.7
 236 26.0 21.0 31.6



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: 90.709 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

Instrument :

BNA_F

ClientSampled :

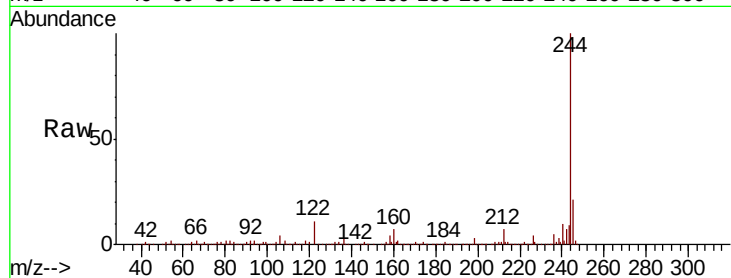
Tot Ion:244 Resp: 1679393

Ion Ratio Lower Upper

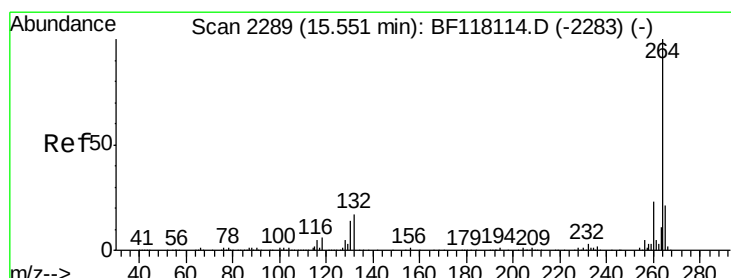
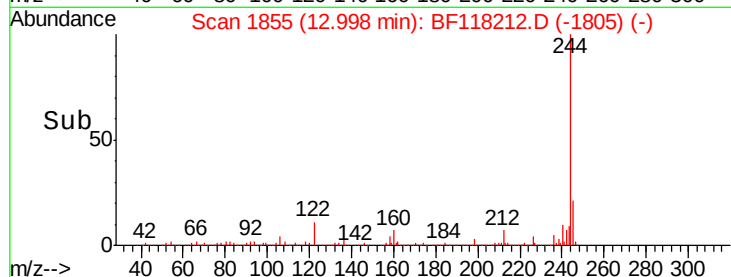
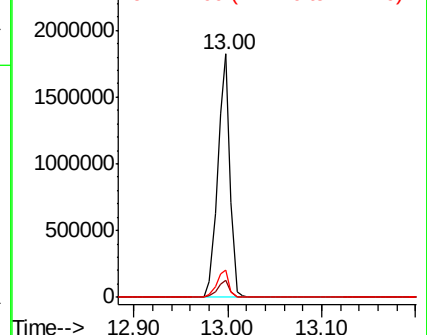
244 100

212 7.2 5.9 8.9

122 11.3 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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

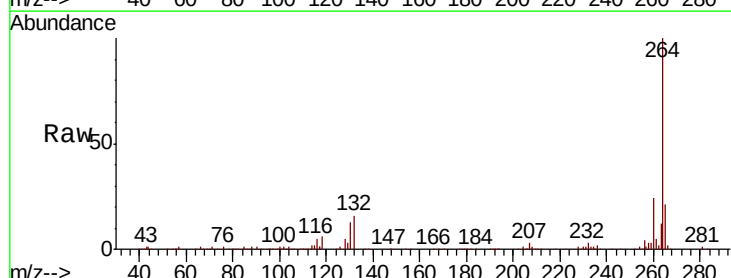
Tgt Ion:264 Resp: 311720

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.1 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

