

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118169.D
 Acq On : 10 Dec 2019 18:06
 Operator : JU
 Sample : K6176-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 02:35:03 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

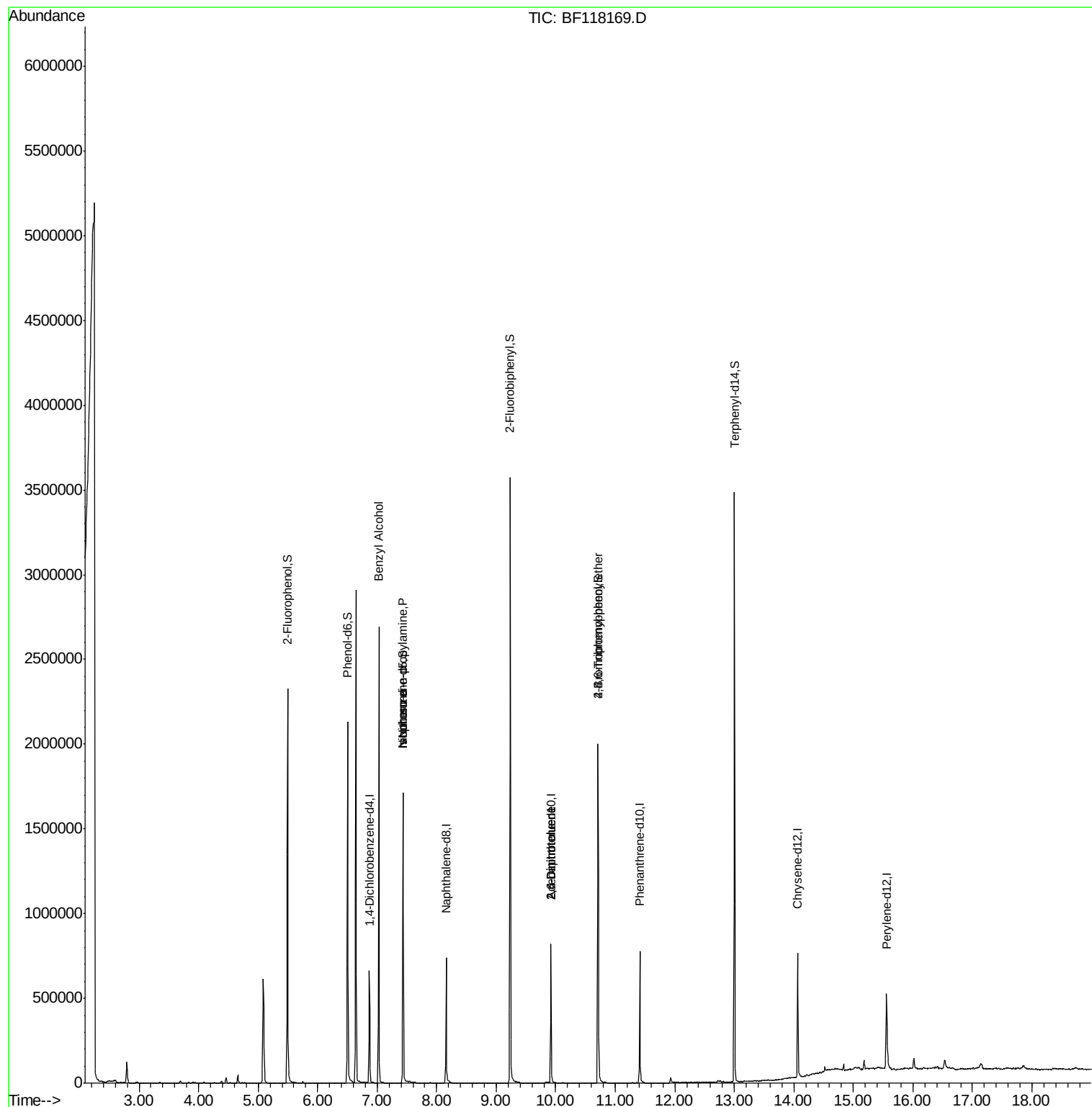
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89597	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	350486	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	173775	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	291605	20.00	ng	0.00
76) Chrysene-d12	14.06	240	241214	20.00	ng	0.00
87) Perylene-d12	15.56	264	220663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	667816	130.55	ng	0.01
7) Phenol-d6	6.50	99	725282	117.22	ng	0.00
23) Nitrobenzene-d5	7.43	82	533780	85.68	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	257894	122.16	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1045596	91.56	ng	0.00
79) Terphenyl-d14	13.00	244	1134537	80.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1151	Below Cal	#	1
15) Benzyl Alcohol	7.03	79	9771	2.023 ng	#	49
19) n-Nitroso-di-n-propylamine	7.43	70	72275	19.223 ng	#	76
25) Isophorone	7.43	82	529835	50.168 ng	#	62
51) 2,6-Dinitrotoluene	9.92	165	21289	7.628 ng	#	26
57) 2,4-Dinitrotoluene	9.92	165	21289	5.715 ng	#	24
67) 4-Bromophenyl-phenylether	10.71	248	15737	4.728 ng	#	1

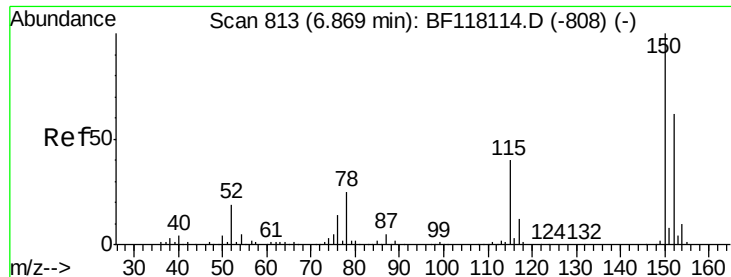
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118169.D
Acq On : 10 Dec 2019 18:06
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 11 02:35:03 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



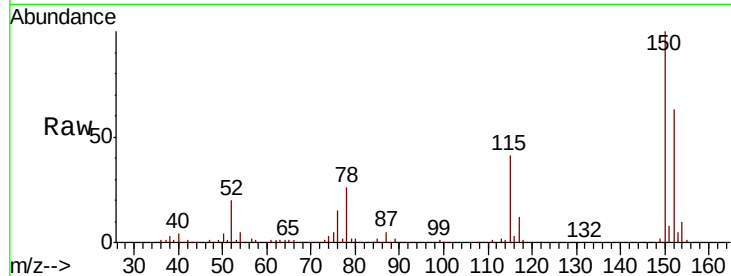


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	128.3	192.5
115	65.3	51.1	76.7

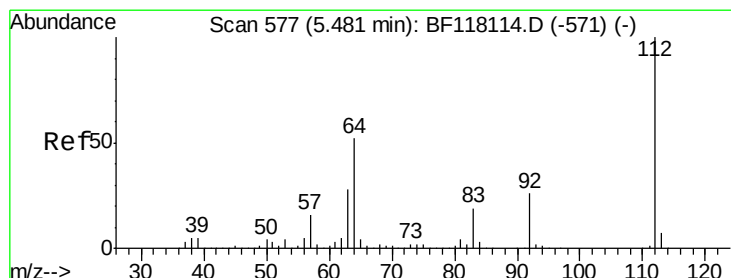
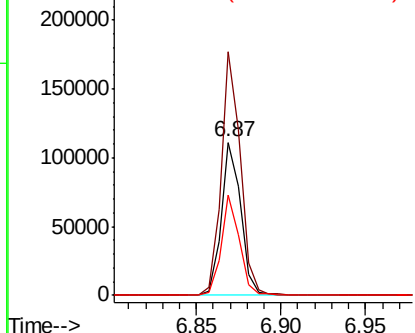
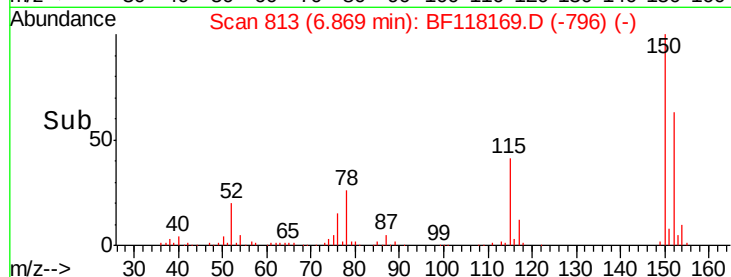


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

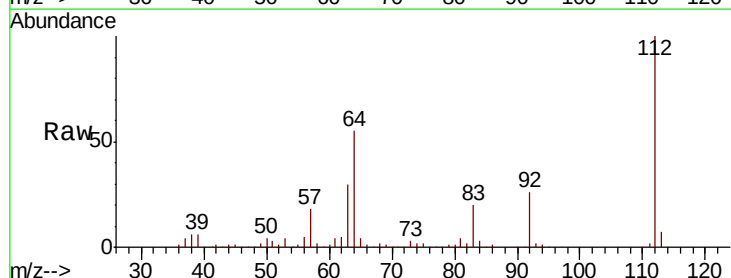
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.546 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	41.3	61.9
63	29.8	22.4	33.6

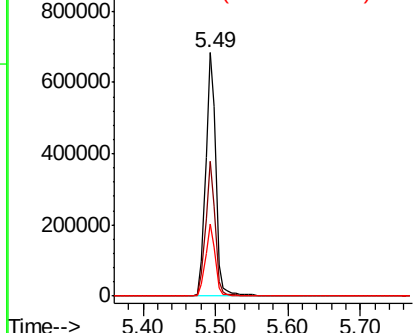
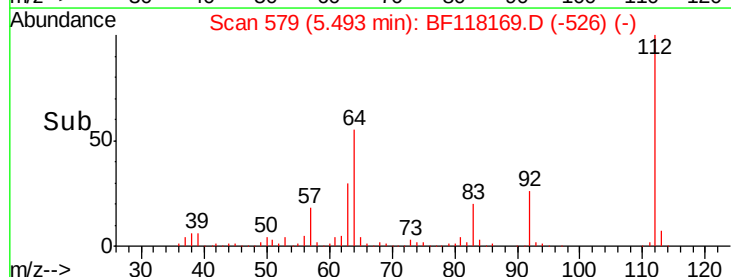


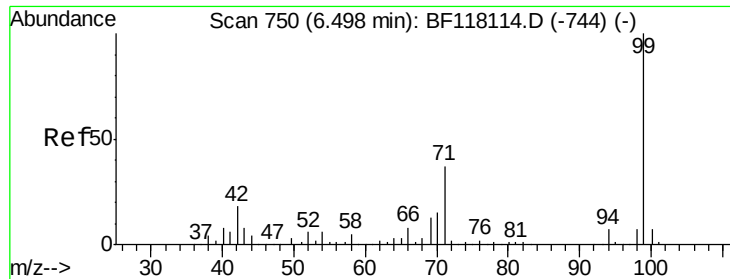
Abundance

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: 117.219 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

Instrument :

BNA_F

ClientSampled :

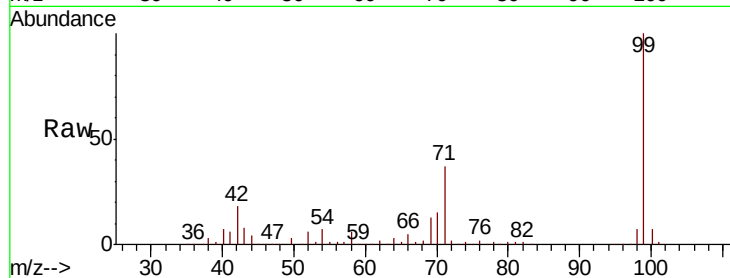
Tot Ion: 99 Resp: 725282

Ion Ratio Lower Upper

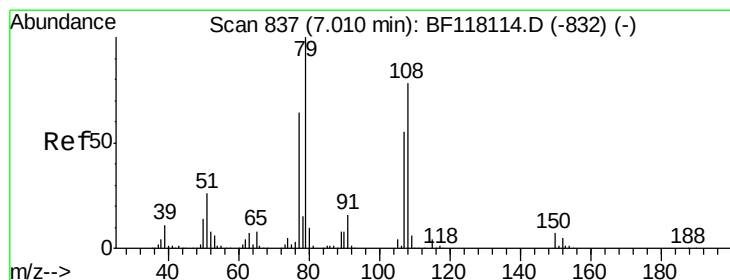
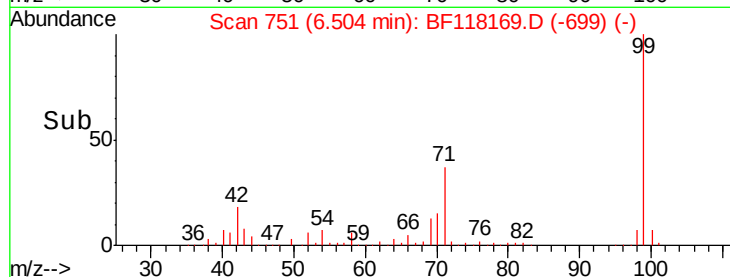
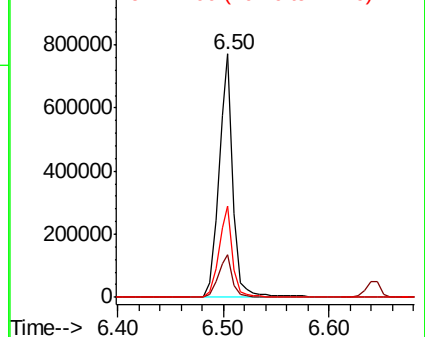
99 100

42 17.5 14.1 21.1

71 37.5 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: 2.023 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.02 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

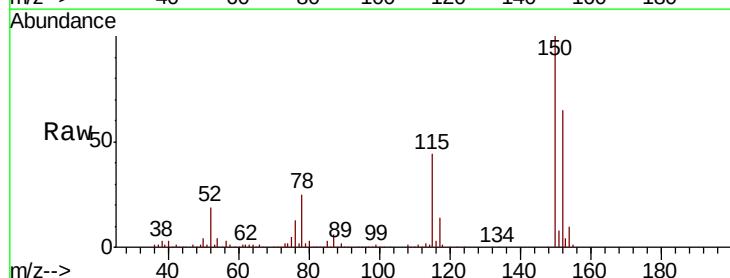
Tgt Ion: 79 Resp: 9771

Ion Ratio Lower Upper

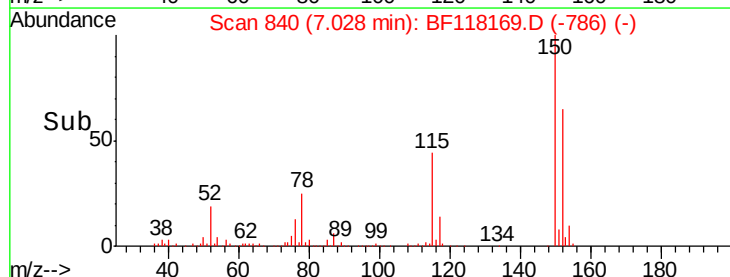
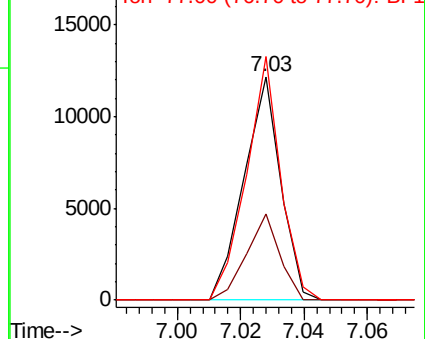
79 100

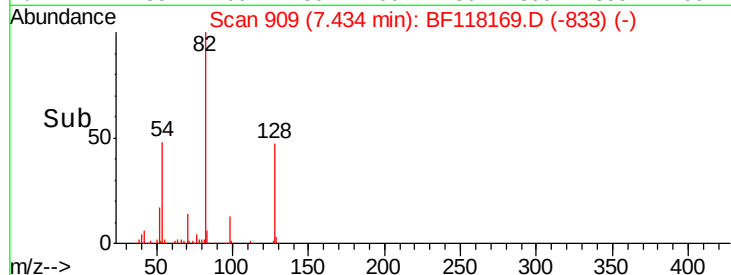
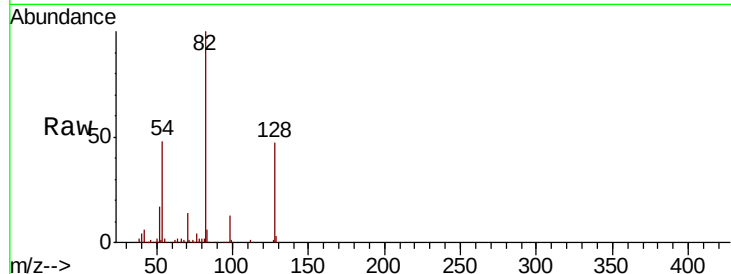
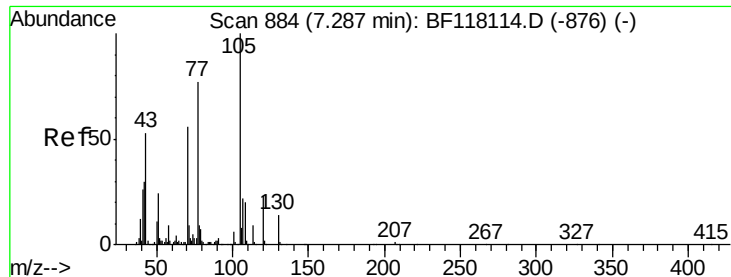
108 38.6 62.7 94.1#

77 108.9 51.4 77.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

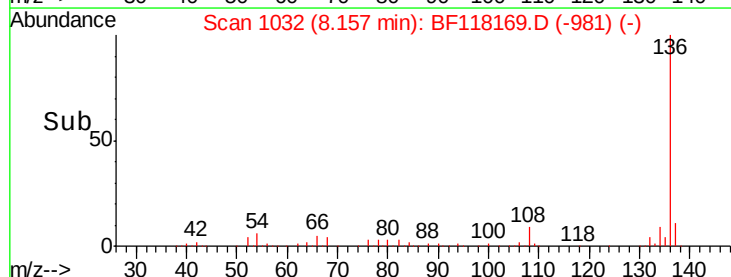
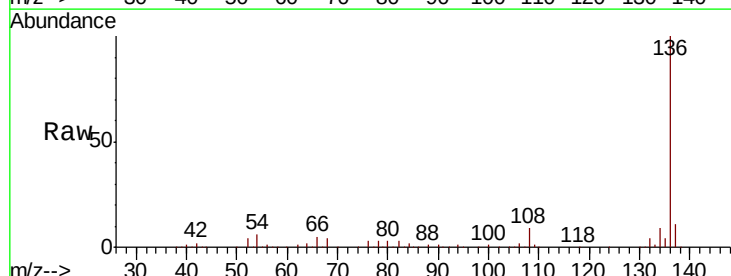
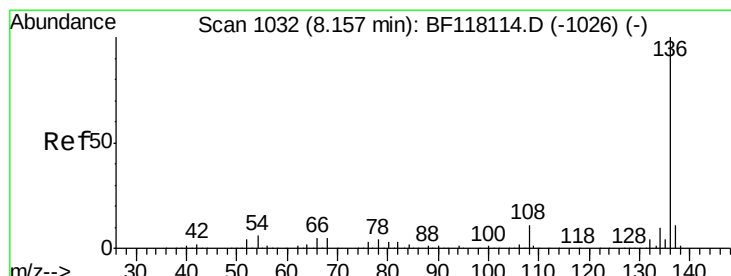
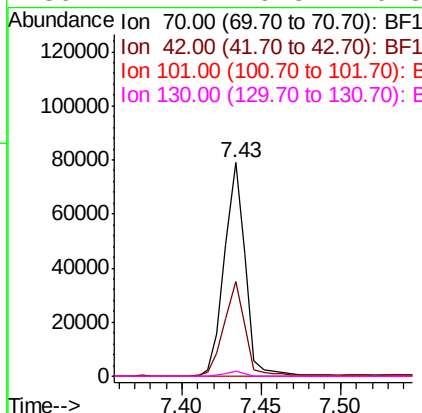




#19
n-Nitroso-di-n-propylamine
Concen: 19.223 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

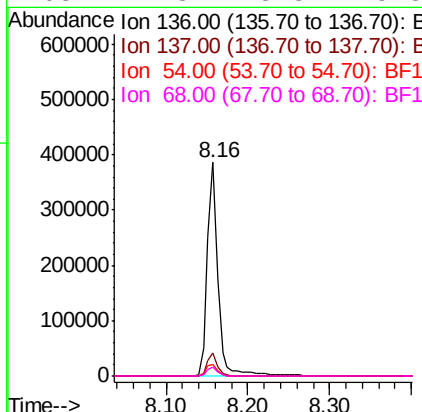
Instrument :
BNA_F
ClientSampleId :

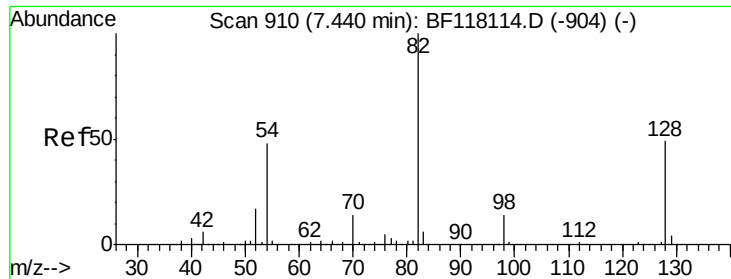
Tot Ion: 70 Resp: 72275
Ion Ratio Lower Upper
70 100
42 44.5 43.2 64.8
101 0.0 8.1 12.1#
130 2.2 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Tgt Ion: 136 Resp: 350486
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 5.6 5.0 7.6
68 4.3 3.8 5.8

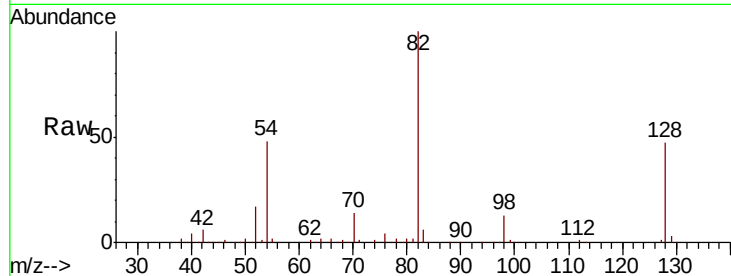




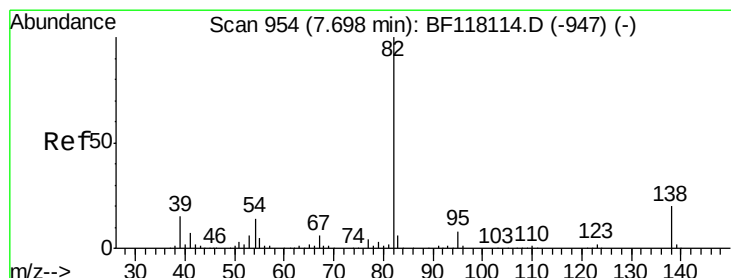
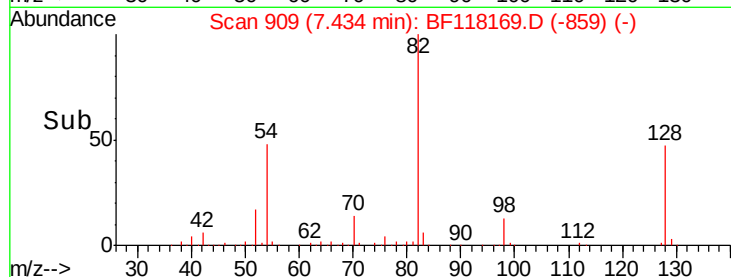
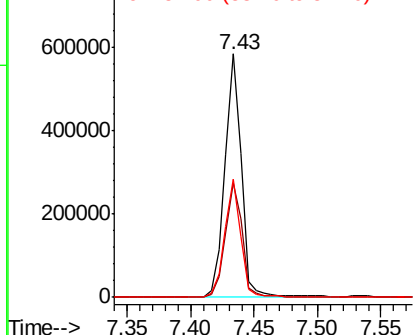
#23
Nitrobenzene-d5
Concen: 85.679 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	533780
Ion Ratio	100	Lower	Upper
128	46.8	39.1	58.7
54	48.4	38.2	57.2

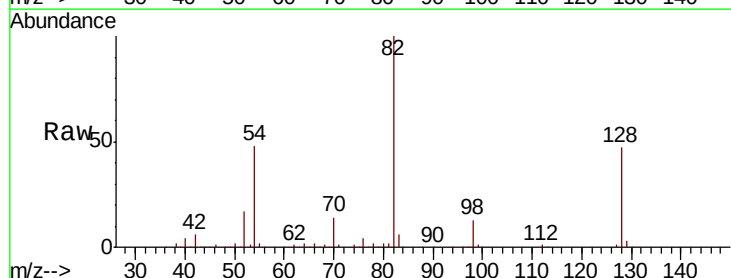


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

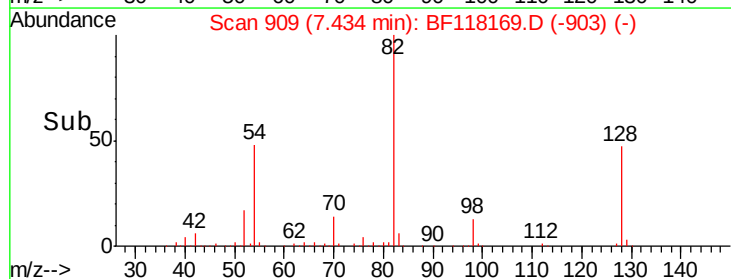
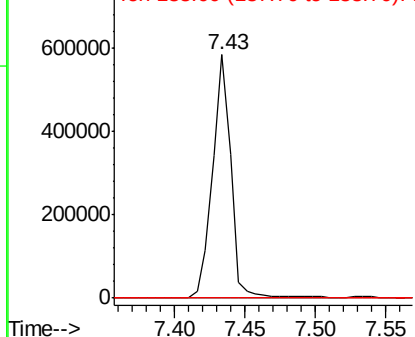


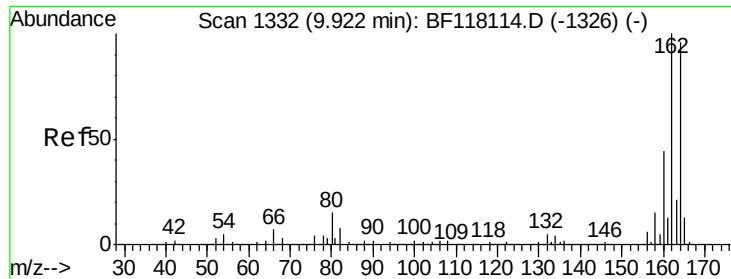
#25
Isophorone
Concen: 50.168 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Tgt Ion	82	Resp	529835
Ion Ratio	100	Lower	Upper
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

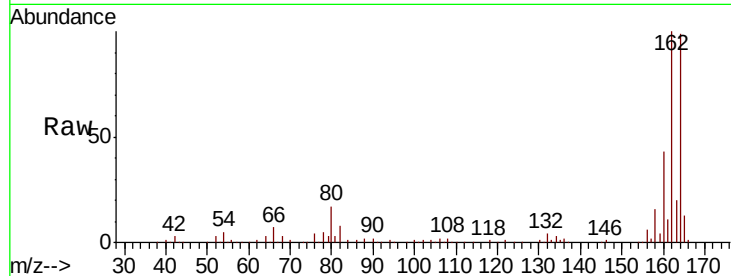




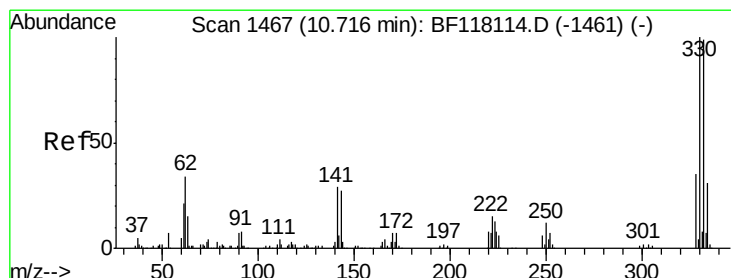
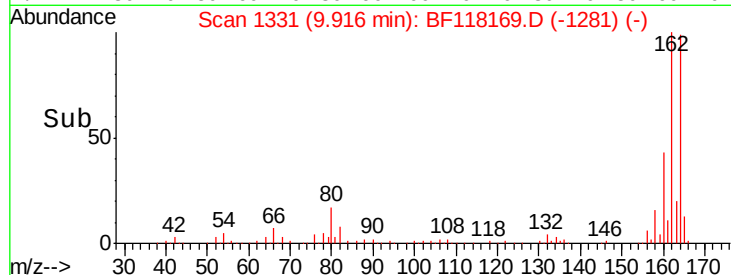
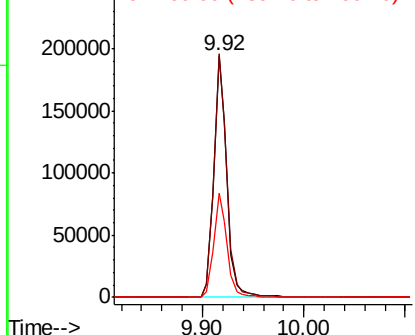
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 173775
Ion Ratio Lower Upper
164 100
162 100.9 83.4 125.0
160 43.4 36.6 54.8

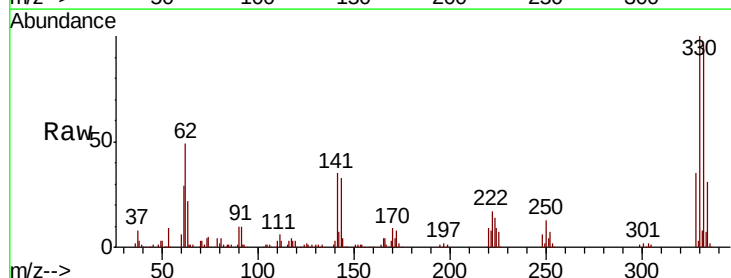


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

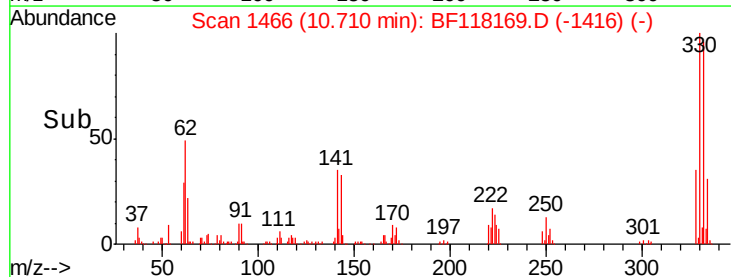
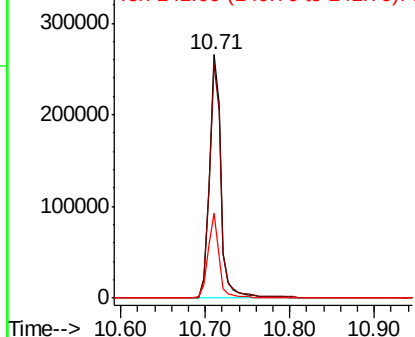


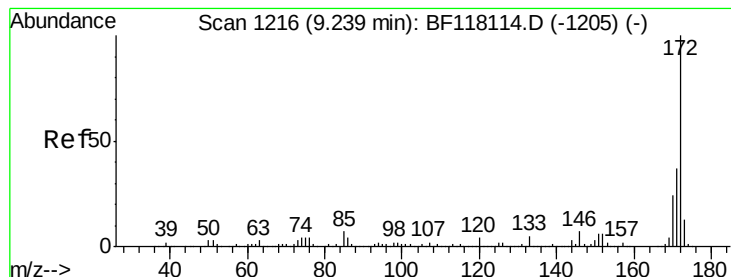
#42
2,4,6-Tribromophenol
Concen: 122.164 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Tgt Ion:330 Resp: 257894
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 32.7 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: 91.557 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

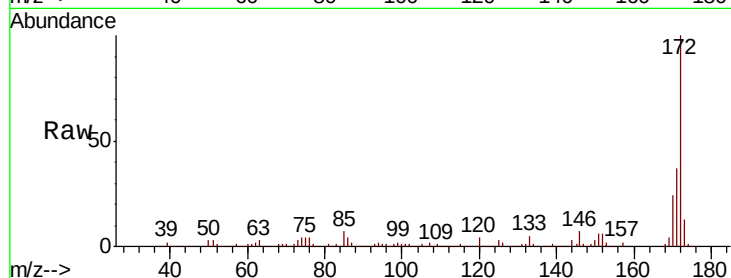
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1045596

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	24.4	19.4	29.2

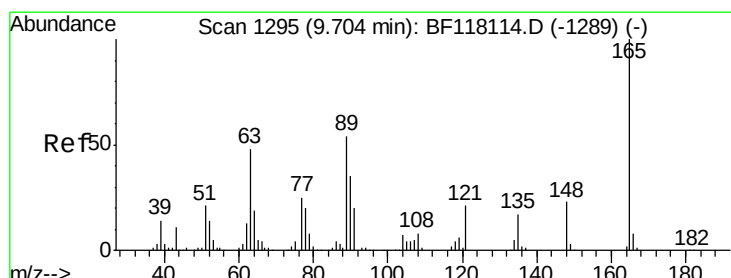
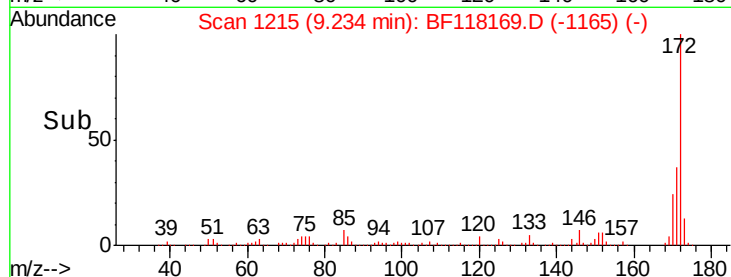
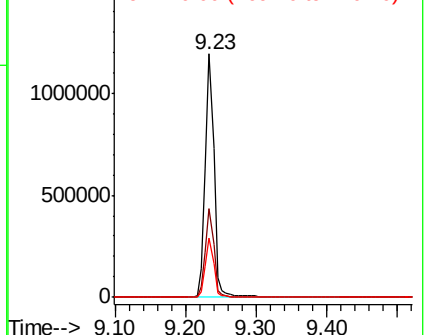


Abundance

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



#51

2,6-Dinitrotoluene

Concen: 7.628 ng

RT: 9.92 min Scan# 1331

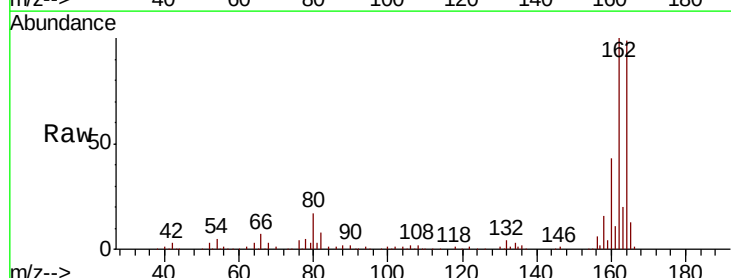
Delta R.T. 0.21 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

Tgt Ion:165 Resp: 21289

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

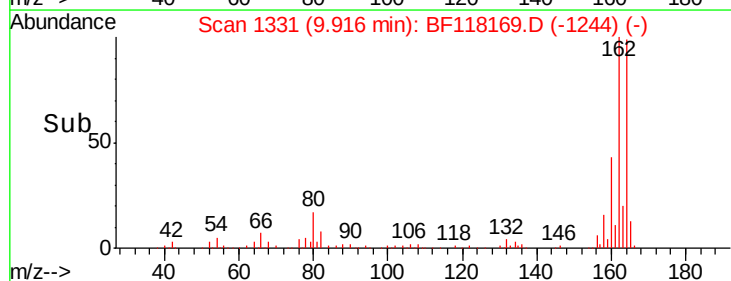
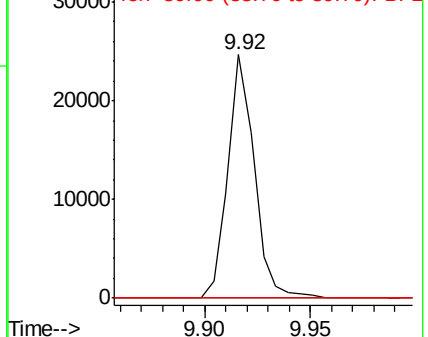


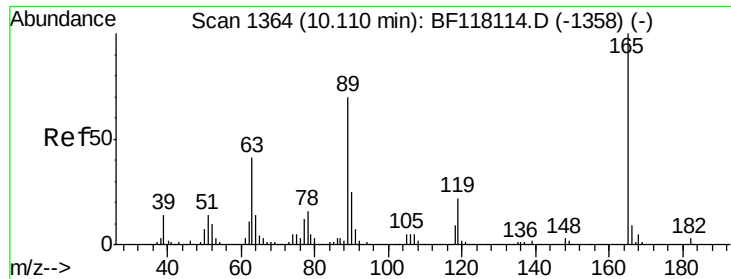
Abundance

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

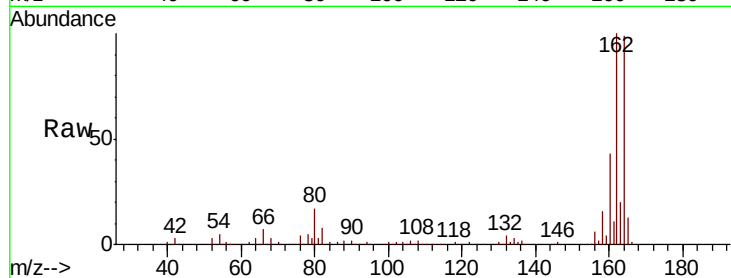




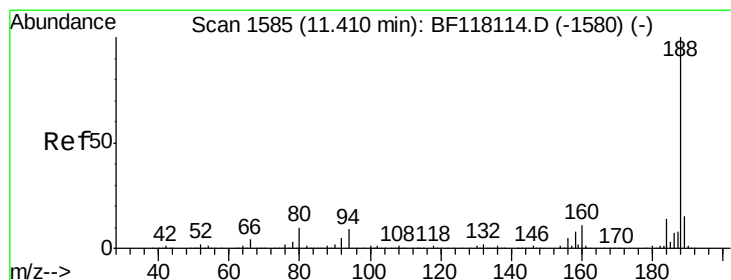
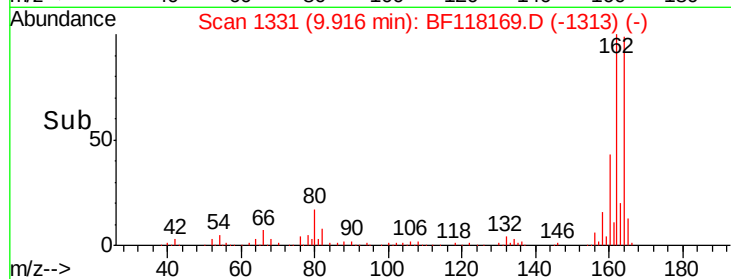
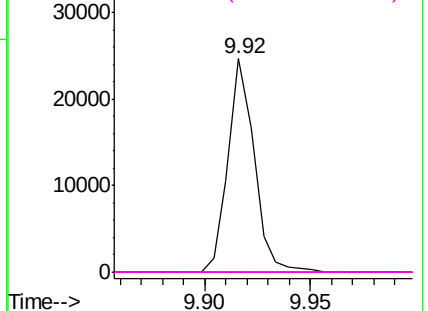
#57
 2,4-Dinitrotoluene
 Concen: 5.715 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118169.D
 Acq: 10 Dec 2019 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	21289
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#

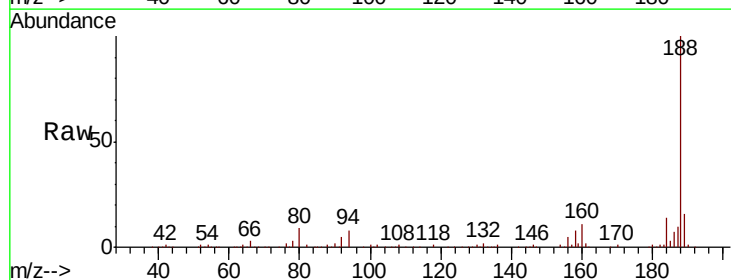


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

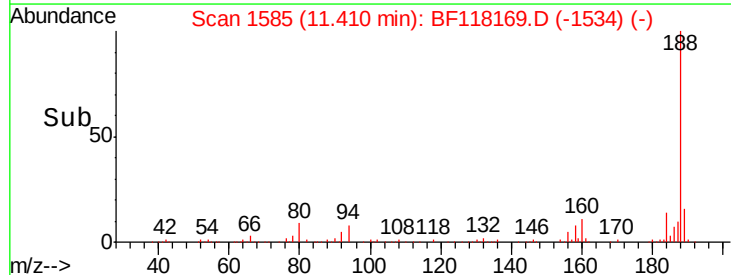
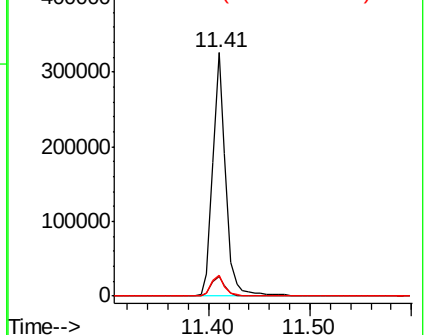


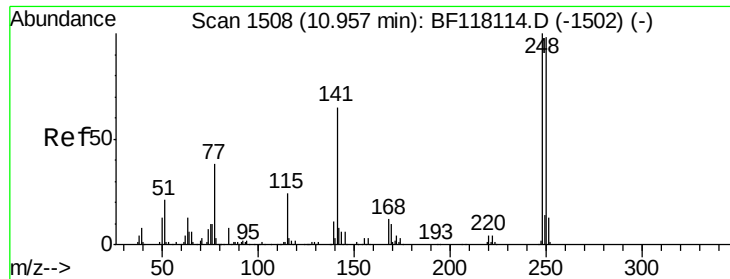
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF118169.D
 Acq: 10 Dec 2019 18:06

Tgt Ion:188	Resp:	291605
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.1 10.7
80	8.6	7.9 11.9



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

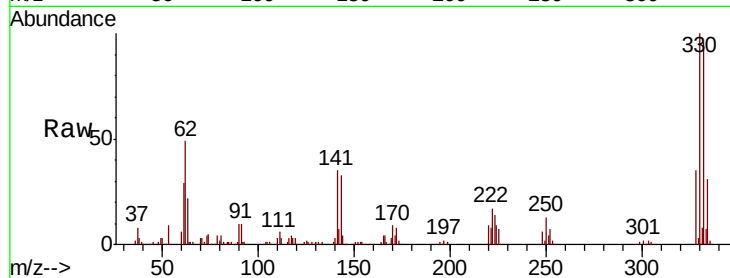




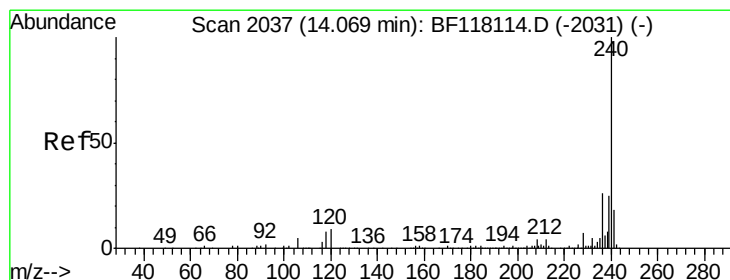
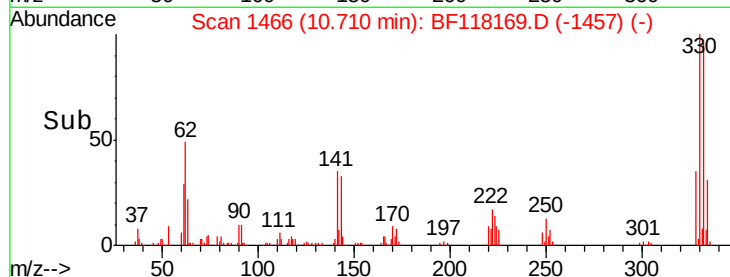
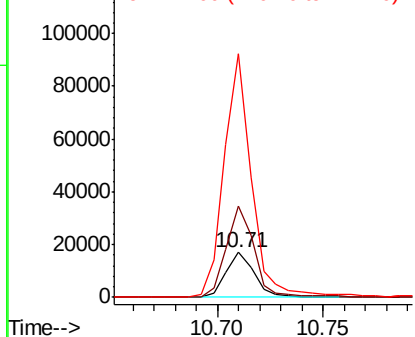
#67
 4-Bromophenyl-phenylether
 Concen: 4.728 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF118169.D
 Acq: 10 Dec 2019 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15737
 Ion Ratio Lower Upper
 248 100
 250 201.3 78.3 117.5#
 141 540.0 52.2 78.4#

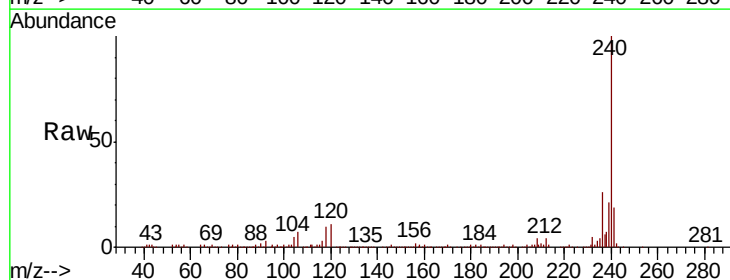


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

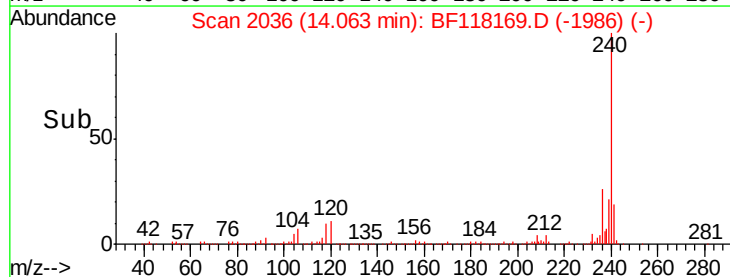
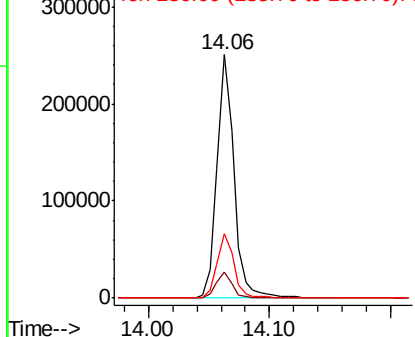


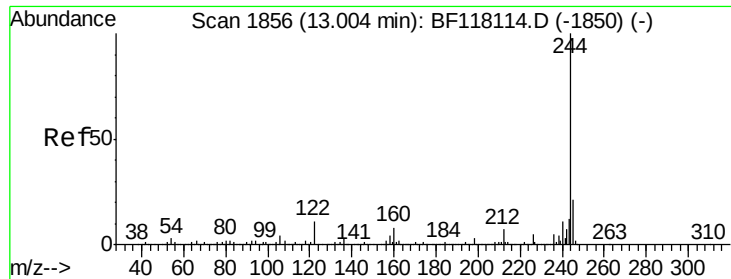
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118169.D
 Acq: 10 Dec 2019 18:06

Tgt Ion:240 Resp: 241214
 Ion Ratio Lower Upper
 240 100
 120 10.7 7.1 10.7#
 236 26.2 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: 80.882 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

Instrument :

BNA_F

ClientSampleId :

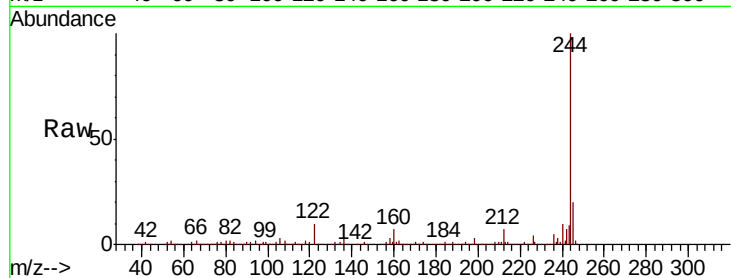
Tot Ion:244 Resp: 1134537

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

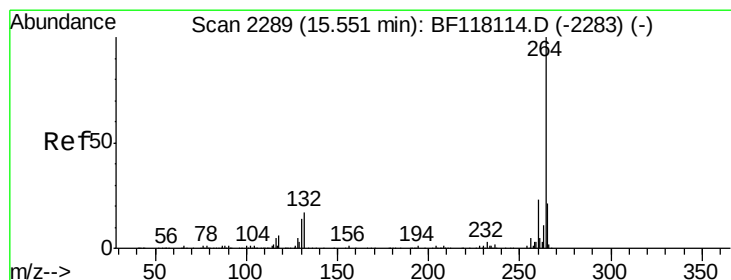
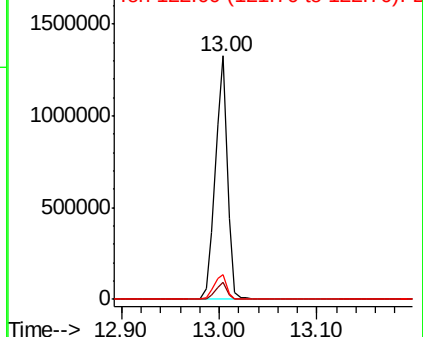
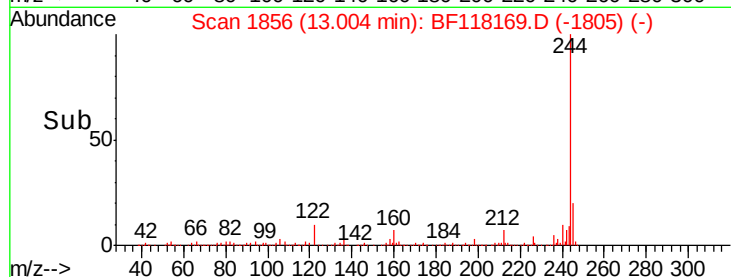
122 10.1 9.0 13.6



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: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

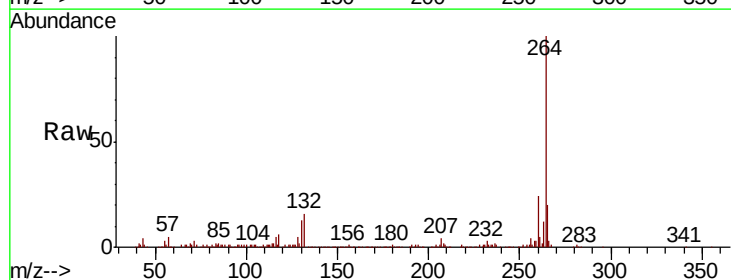
Tgt Ion:264 Resp: 220663

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 20.1 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

