

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118432.D
 Acq On : 2 Jan 2020 13:41
 Operator : JU
 Sample : K6114-02RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 14:23:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

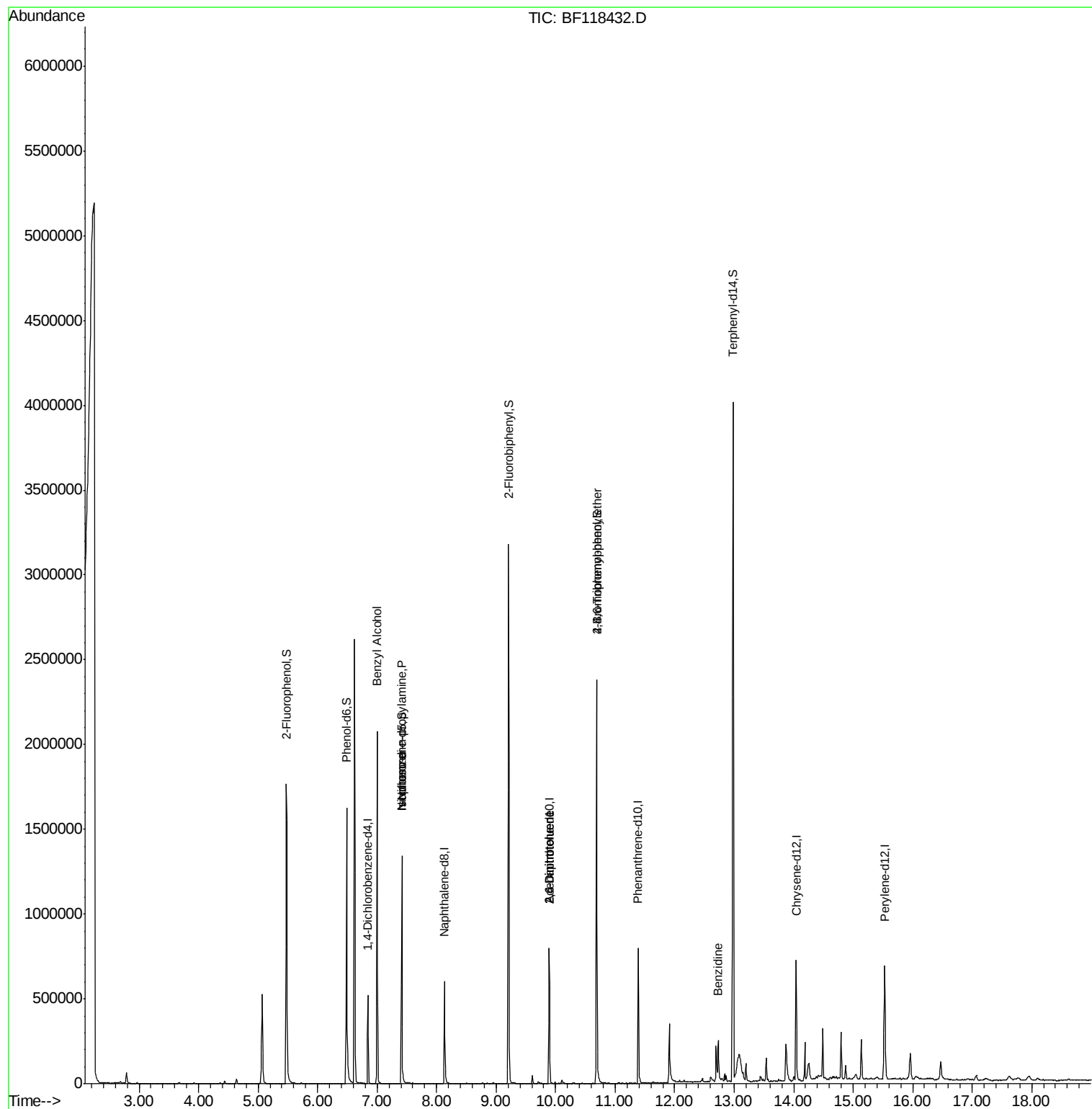
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70784	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	289079	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	162190	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	335202	20.00	ng	0.00
76) Chrysene-d12	14.04	240	252048	20.00	ng	0.00
87) Perylene-d12	15.53	264	277942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	534874	128.99	ng	0.01
7) Phenol-d6	6.49	99	601156	116.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	466111	92.22	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	287534	143.56	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	935377	88.03	ng	-0.01
79) Terphenyl-d14	12.98	244	1455279	95.79	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	8275	2.113	ng	# 44
19) n-Nitroso-di-n-propylamine	7.42	70	66439	20.966	ng	# 78
25) Isophorone	7.42	82	466104	52.915	ng	# 62
51) 2,6-Dinitrotoluene	9.89	165	20399	7.772	ng	# 27
57) 2,4-Dinitrotoluene	9.89	165	20399	5.816	ng	# 30
67) 4-Bromophenyl-phenylether	10.69	248	18147	4.626	ng	# 1
77) Benzidine	12.73	184	93594	13.552	ng	98

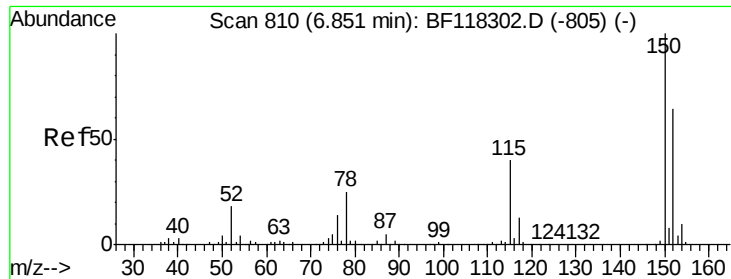
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



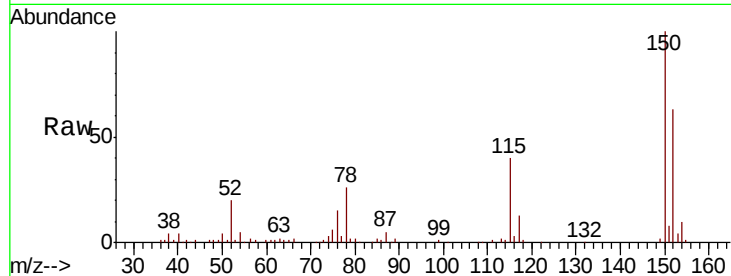


#1

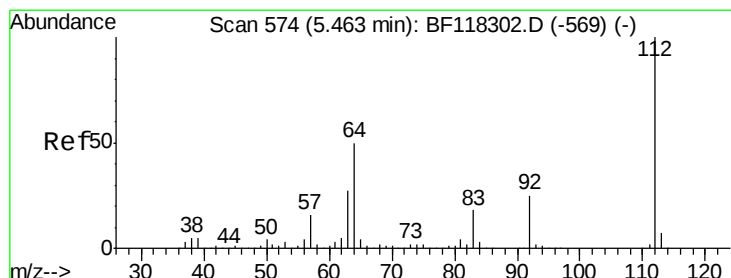
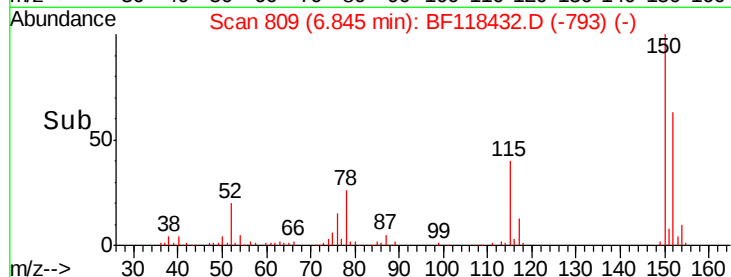
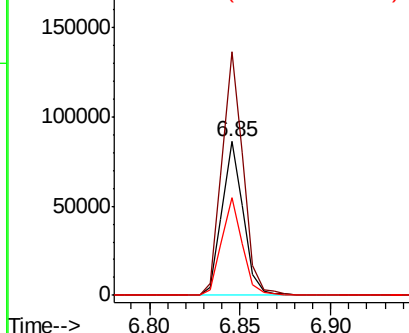
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118432.D
 Acq: 2 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 70784
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.4 188.2
 115 63.9 50.2 75.4



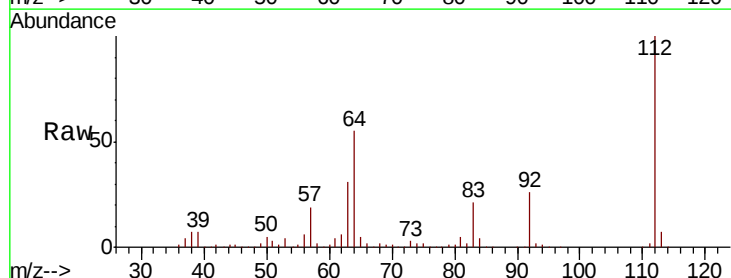
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



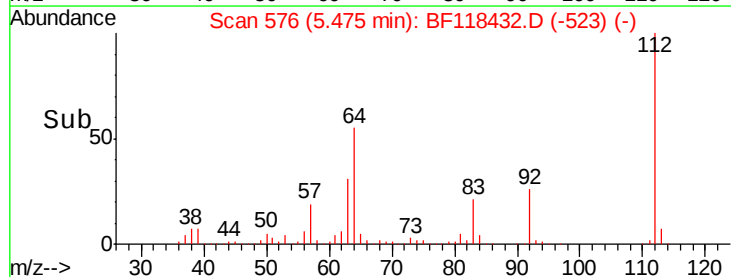
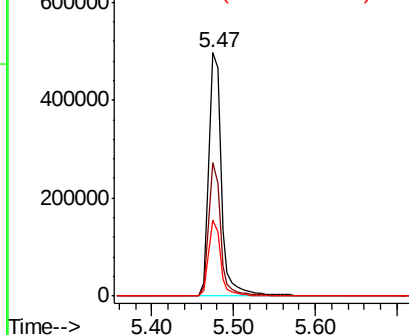
#5

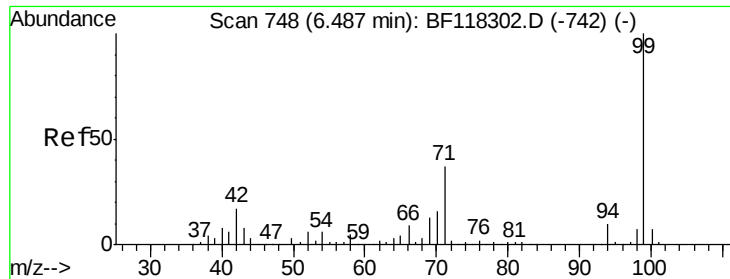
2-Fluorophenol
 Concen: 128.987 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF118432.D
 Acq: 2 Jan 2020 13:41

Tgt Ion:112 Resp: 534874
 Ion Ratio Lower Upper
 112 100
 64 54.7 39.7 59.5
 63 31.2 21.7 32.5



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: 116.863 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118432.D

Acq: 2 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

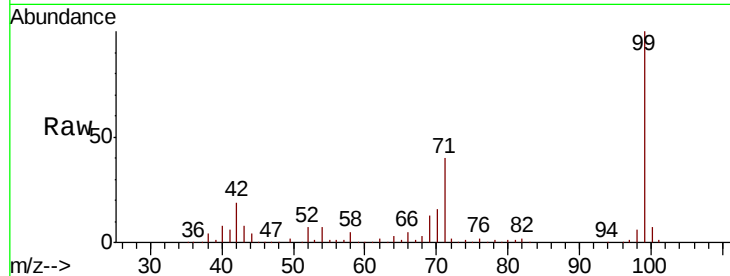
Tot Ion: 99 Resp: 601156

Ion Ratio Lower Upper

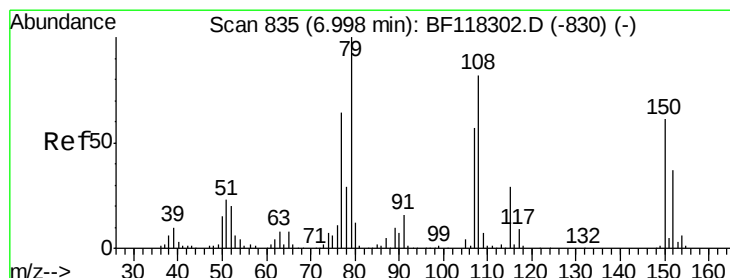
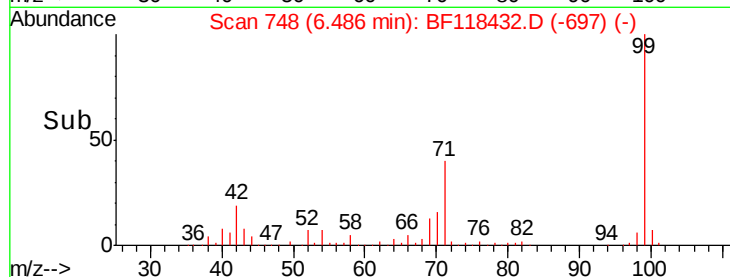
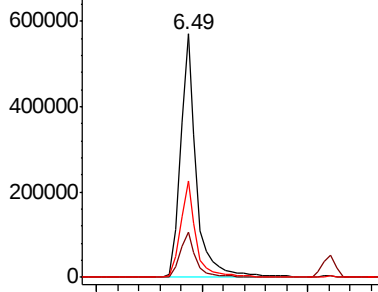
99 100

42 18.7 13.5 20.3

71 39.5 29.4 44.2



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: 2.113 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118432.D

Acq: 2 Jan 2020 13:41

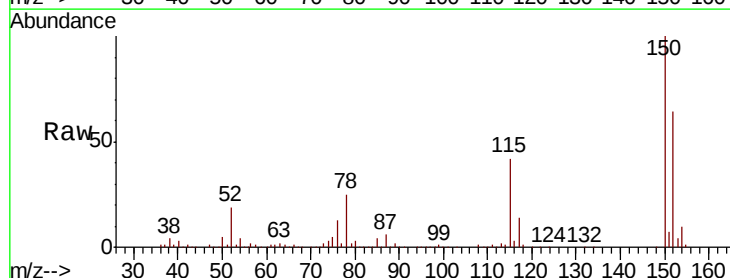
Tgt Ion: 79 Resp: 8275

Ion Ratio Lower Upper

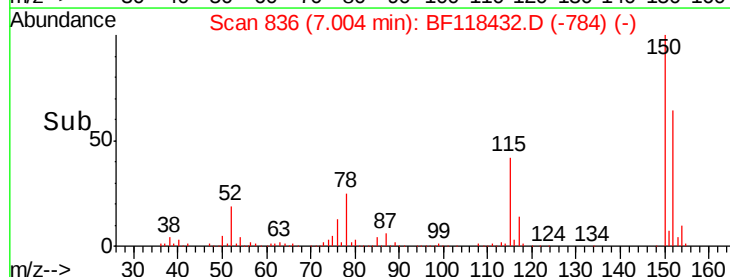
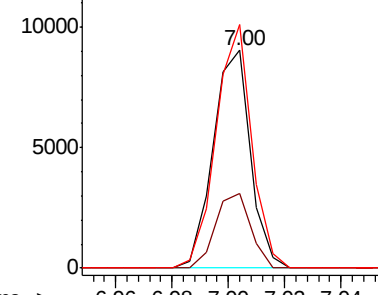
79 100

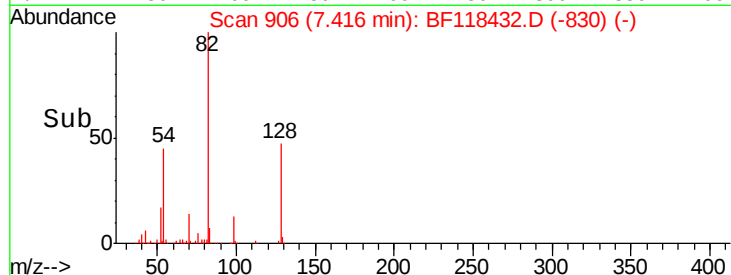
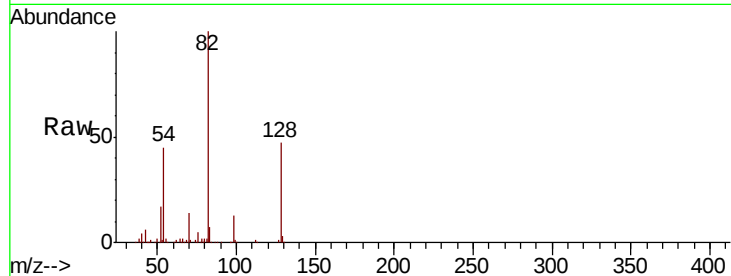
108 34.3 65.4 98.0#

77 111.8 51.4 77.0#



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

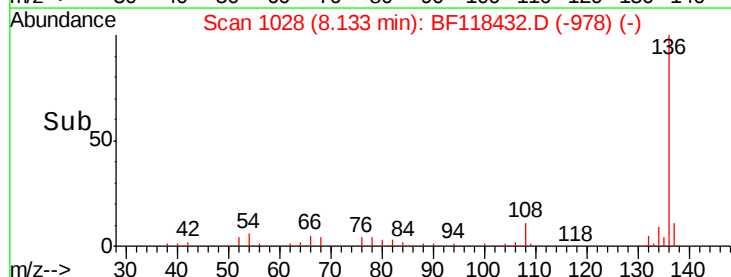
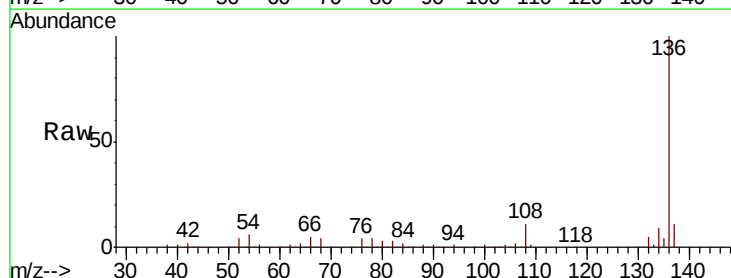
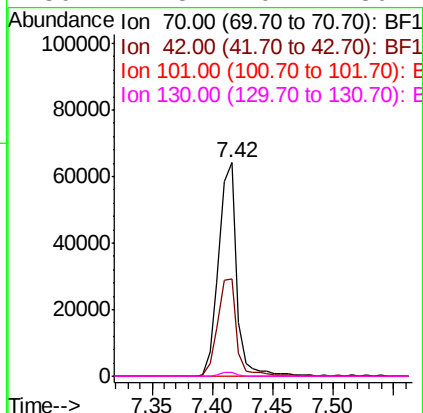




#19
n-Nitroso-di-n-propylamine
Concen: 20.966 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118432.D
Acq: 2 Jan 2020 13:41

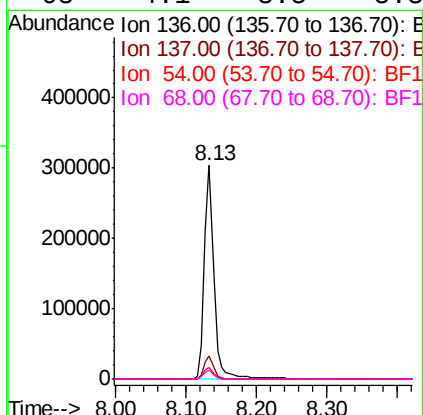
Instrument :
BNA_F
ClientSampleId :

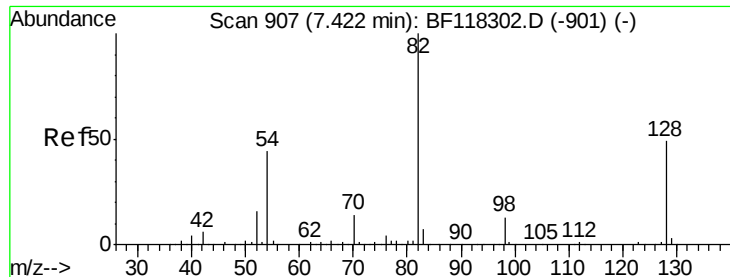
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.8	41.1	61.7
101	0.0	8.3	12.5#
130	1.8	20.1	30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118432.D
Acq: 2 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.7	4.2	6.4
68	4.1	3.5	5.3

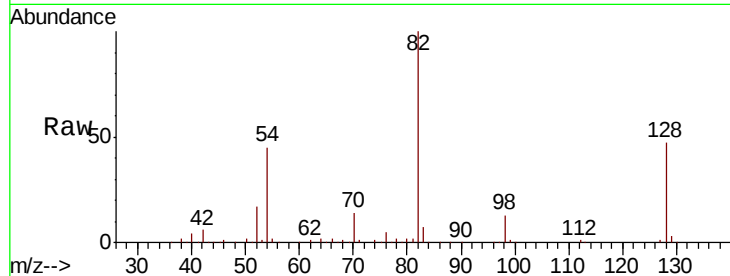




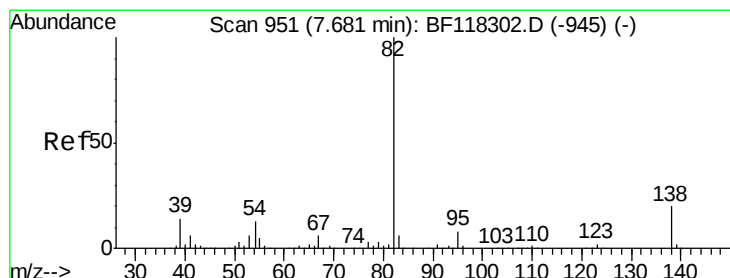
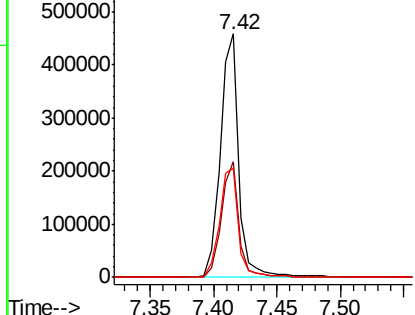
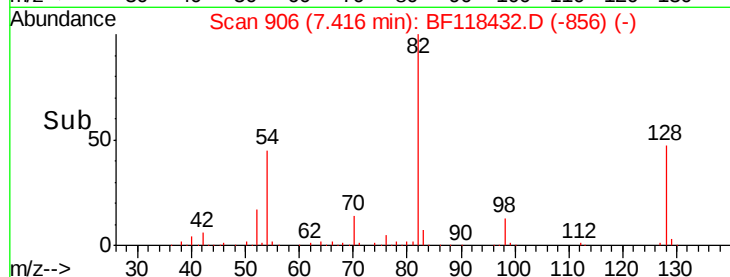
#23
Nitrobenzene-d5
Concen: 92.221 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118432.D
Acq: 2 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 466111
Ion Ratio Lower Upper
82 100
128 47.3 39.6 59.4
54 45.0 34.9 52.3

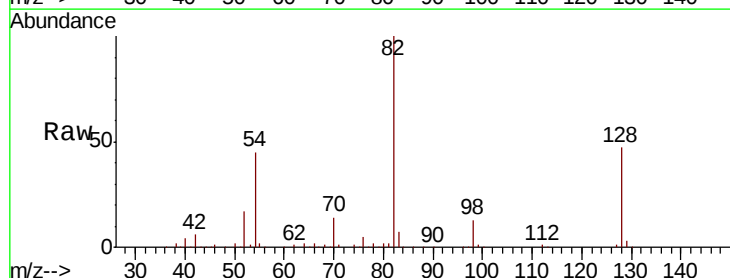


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

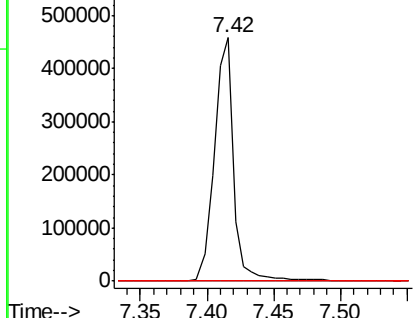
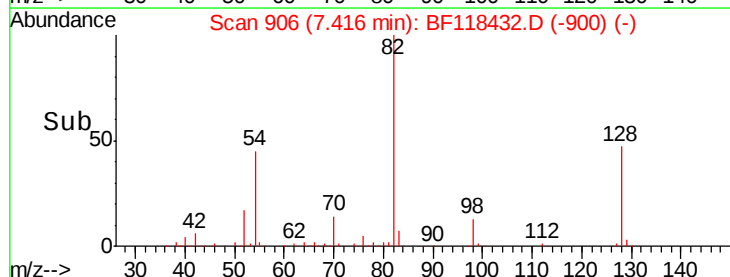


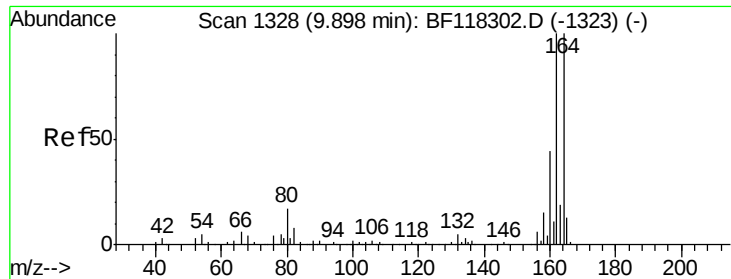
#25
Isophorone
Concen: 52.915 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118432.D
Acq: 2 Jan 2020 13:41

Tgt Ion: 82 Resp: 466104
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.2 24.2#



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

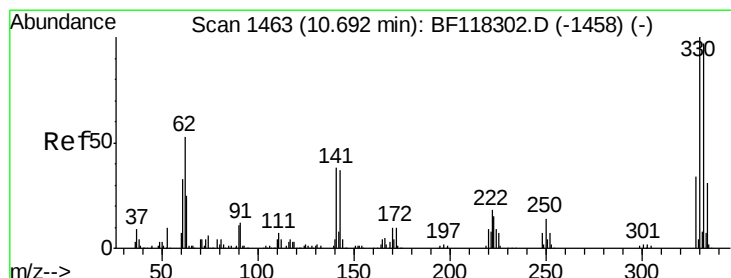
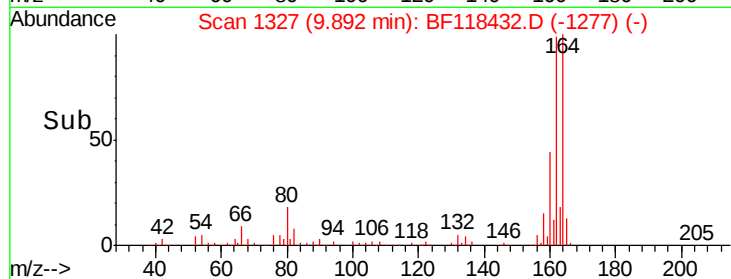
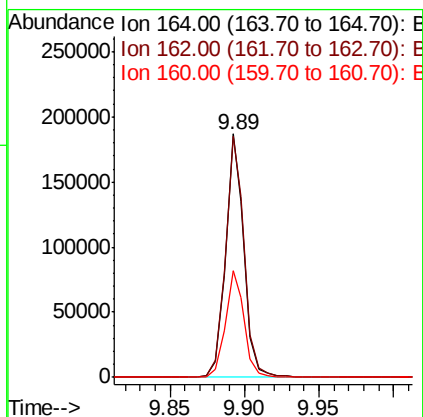
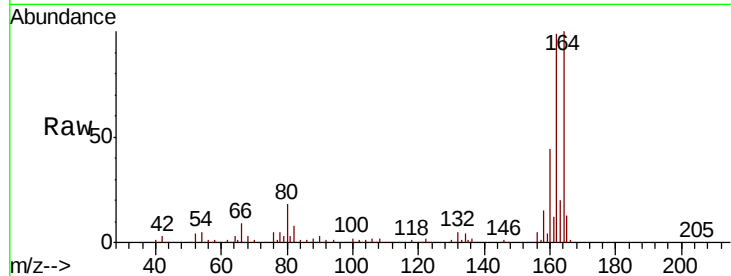




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF118432.D
 Acq: 2 Jan 2020 13:41

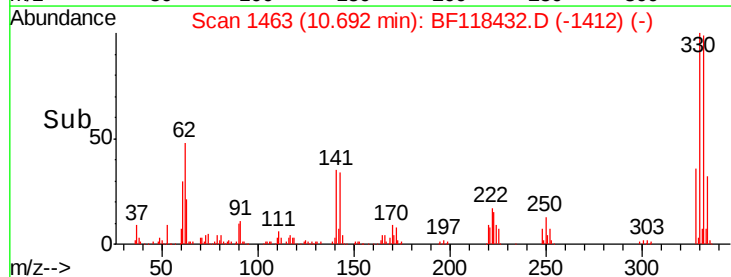
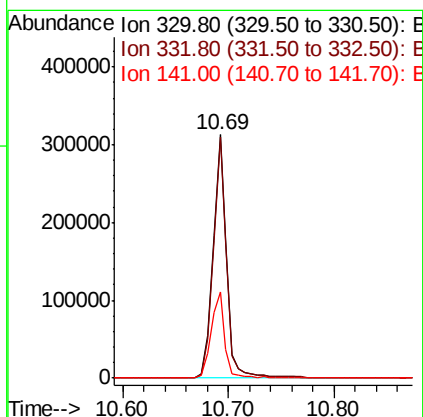
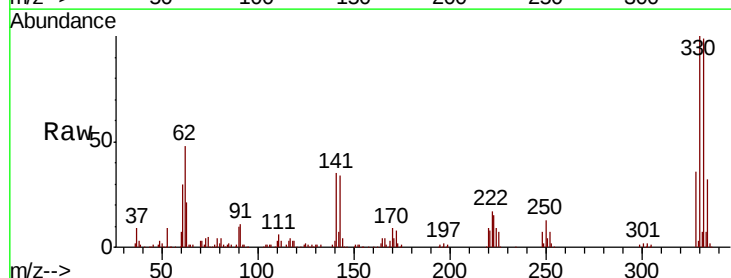
Instrument :
 BNA_F
 ClientSampleId :

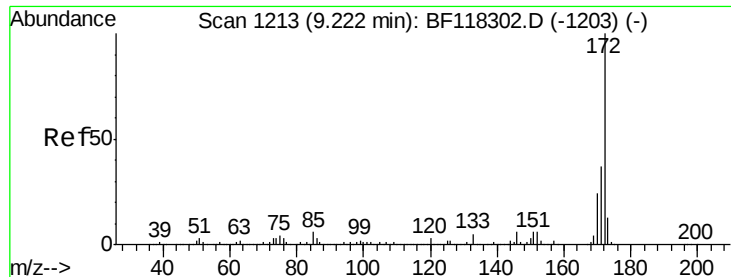
Tot Ion:164 Resp: 162190
 Ion Ratio Lower Upper
 164 100
 162 99.2 80.0 120.0
 160 43.8 34.8 52.2



#42
 2,4,6-Tribromophenol
 Concen: 143.557 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118432.D
 Acq: 2 Jan 2020 13:41

Tgt Ion:330 Resp: 287534
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 35.4 26.0 39.0

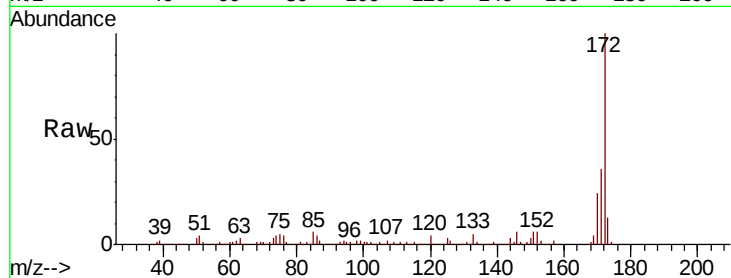




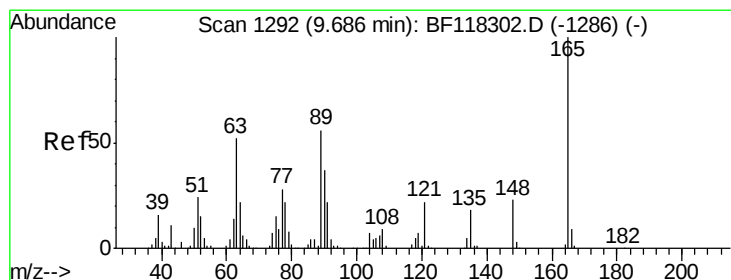
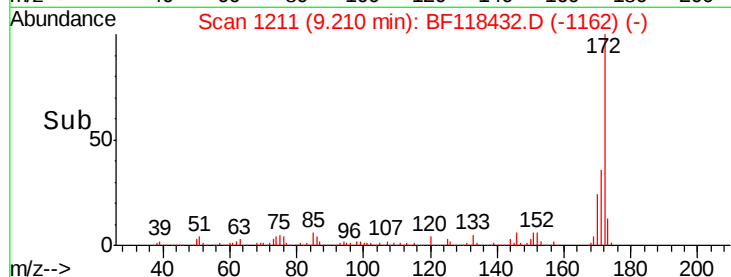
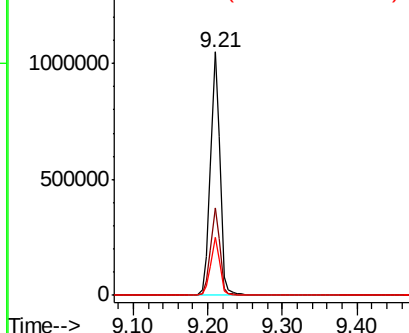
#45
 2-Fluorobiphenyl
 Concen: 88.034 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118432.D
 Acq: 2 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	23.8	19.2	28.8

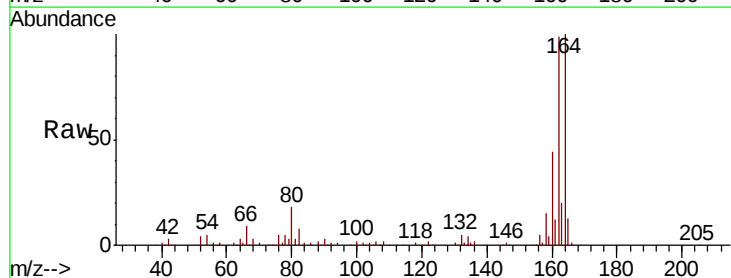


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

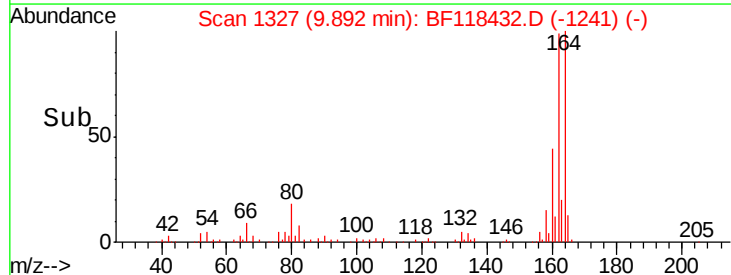
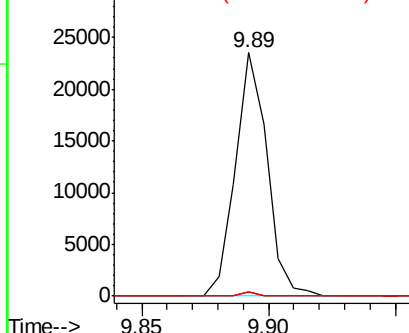


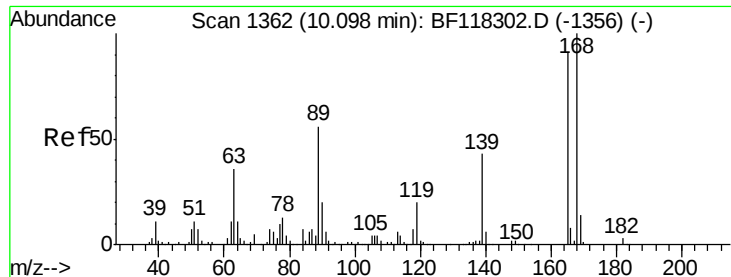
#51
 2,6-Dinitrotoluene
 Concen: 7.772 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF118432.D
 Acq: 2 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.2	63.4#
89	1.7	44.4	66.6#



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

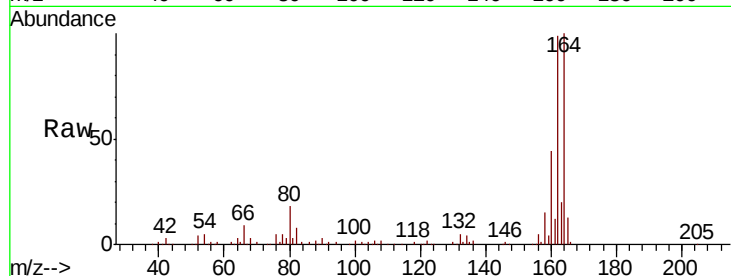




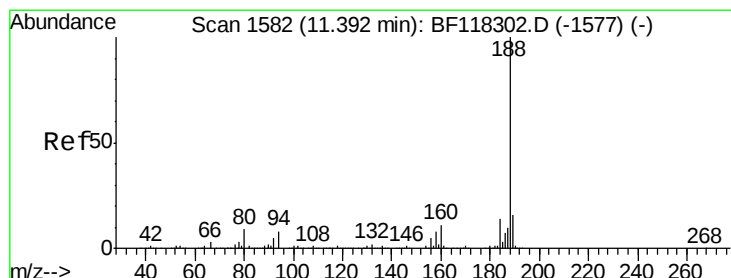
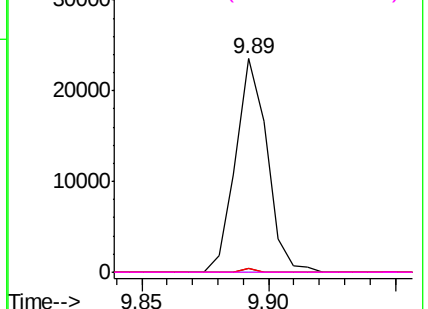
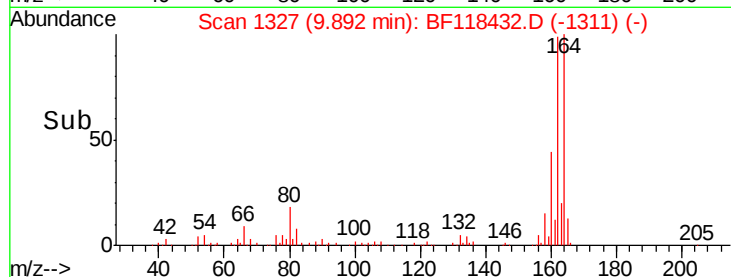
#57
2,4-Dinitrotoluene
Concen: 5.816 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118432.D
Acq: 2 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 20399
Ion Ratio Lower Upper
165 100
63 1.8 32.0 48.0#
89 1.7 49.3 73.9#
182 0.0 2.4 3.6#

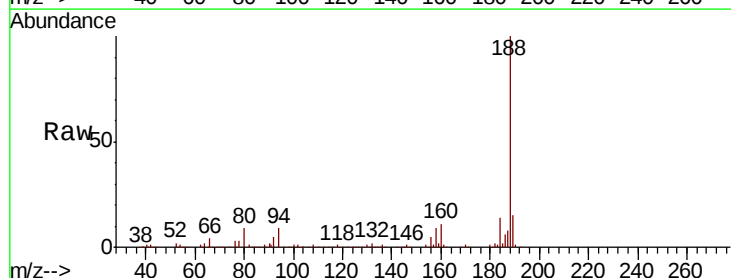


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

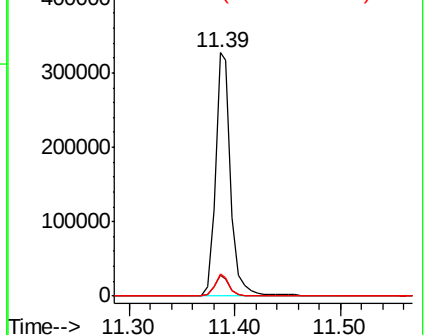
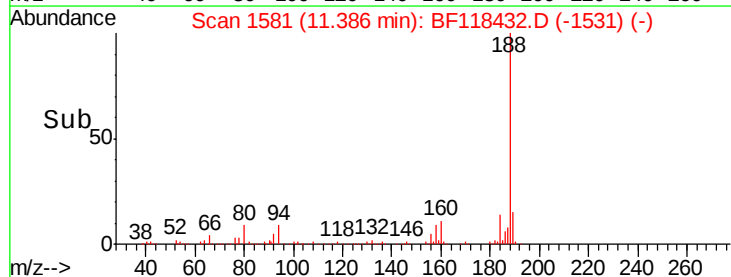


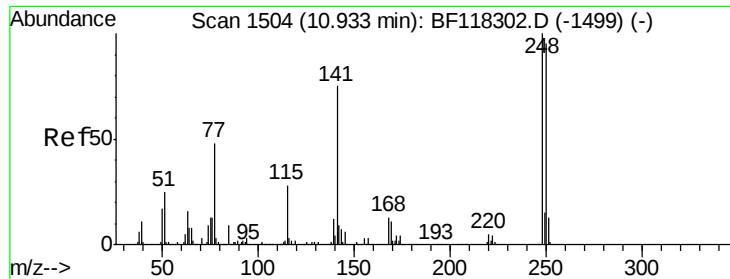
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118432.D
Acq: 2 Jan 2020 13:41

Tgt Ion:188 Resp: 335202
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.3 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

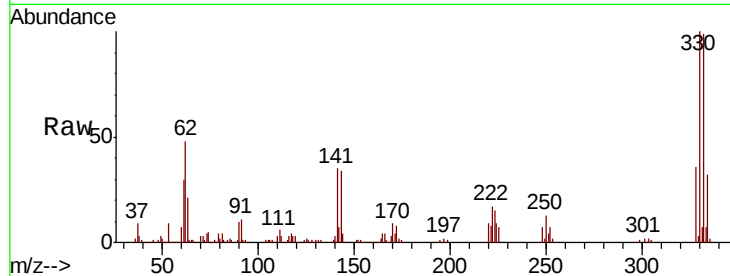




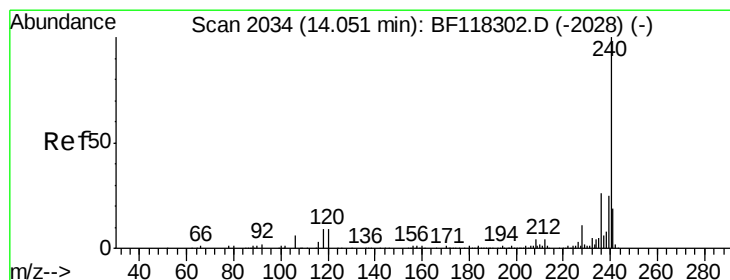
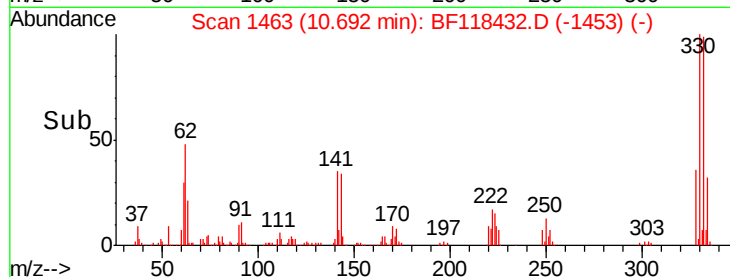
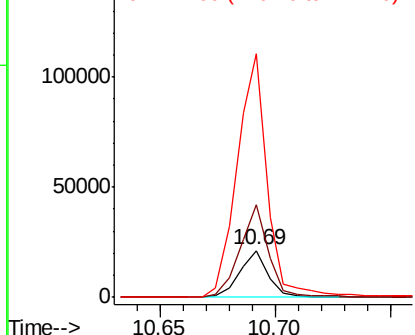
#67
4-Bromophenyl-phenylether
Concen: 4.626 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118432.D
Acq: 2 Jan 2020 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18147
Ion Ratio Lower Upper
248 100
250 198.1 76.4 114.6#
141 519.4 60.2 90.2#

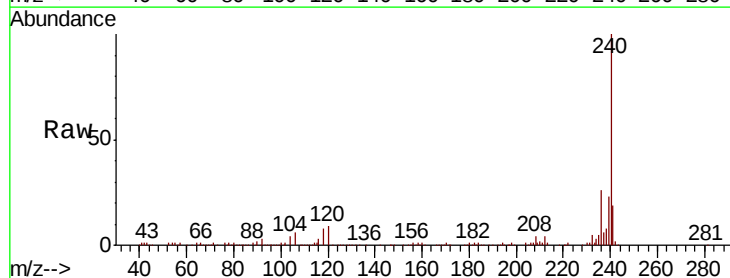


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

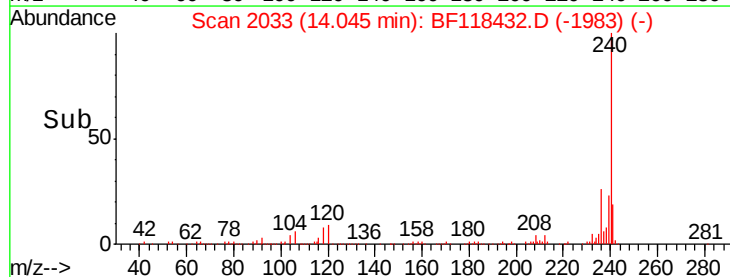
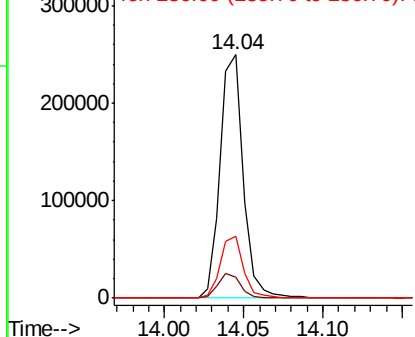


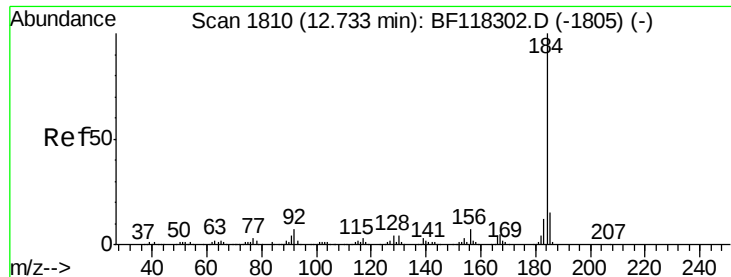
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118432.D
Acq: 2 Jan 2020 13:41

Tgt Ion:240 Resp: 252048
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.5 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





#77

Benzidine

Concen: 13.552 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118432.D

Acq: 2 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

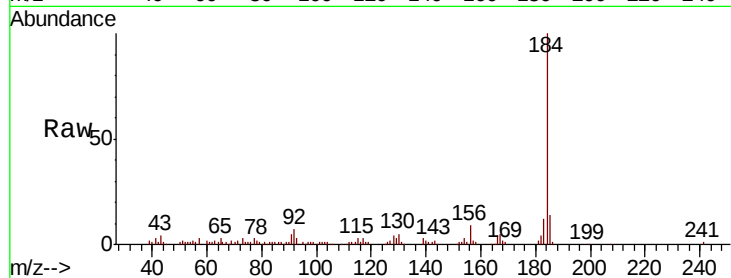
Tot Ion:184 Resp: 93594

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

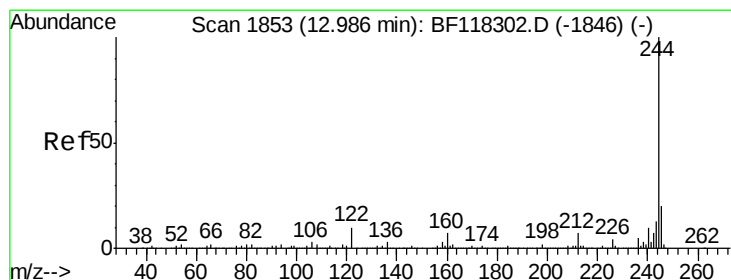
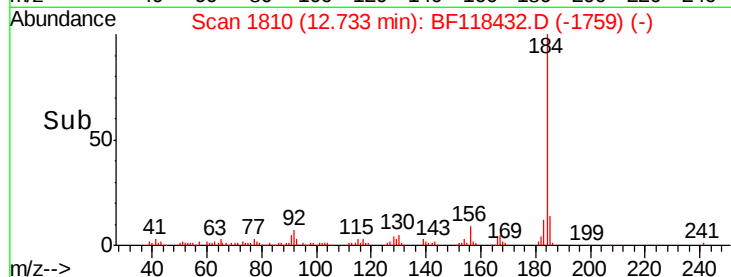
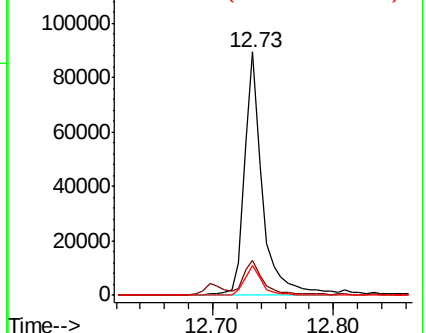
183 12.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 95.789 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118432.D

Acq: 2 Jan 2020 13:41

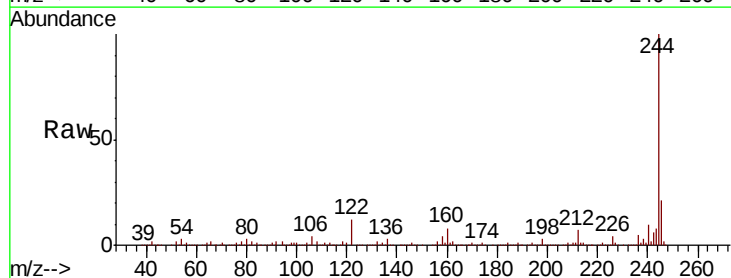
Tgt Ion:244 Resp: 1455279

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

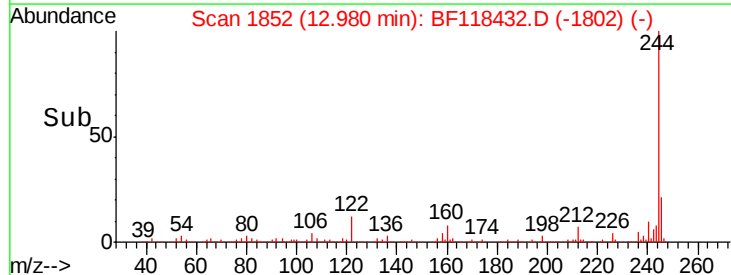
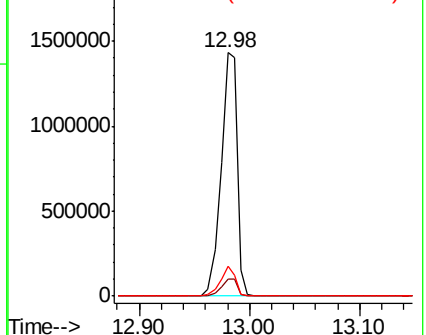
122 12.1 7.8 11.8#

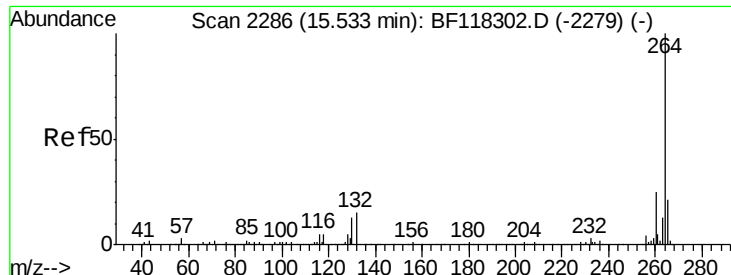


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BF118432.D
 Acq: 2 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	23.0	17.0	25.4

