

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121898.D
 Acq On : 8 Oct 2020 19:53
 Operator : JU/CG
 Sample : L4309-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-02-B

Quant Time: Oct 09 00:34:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

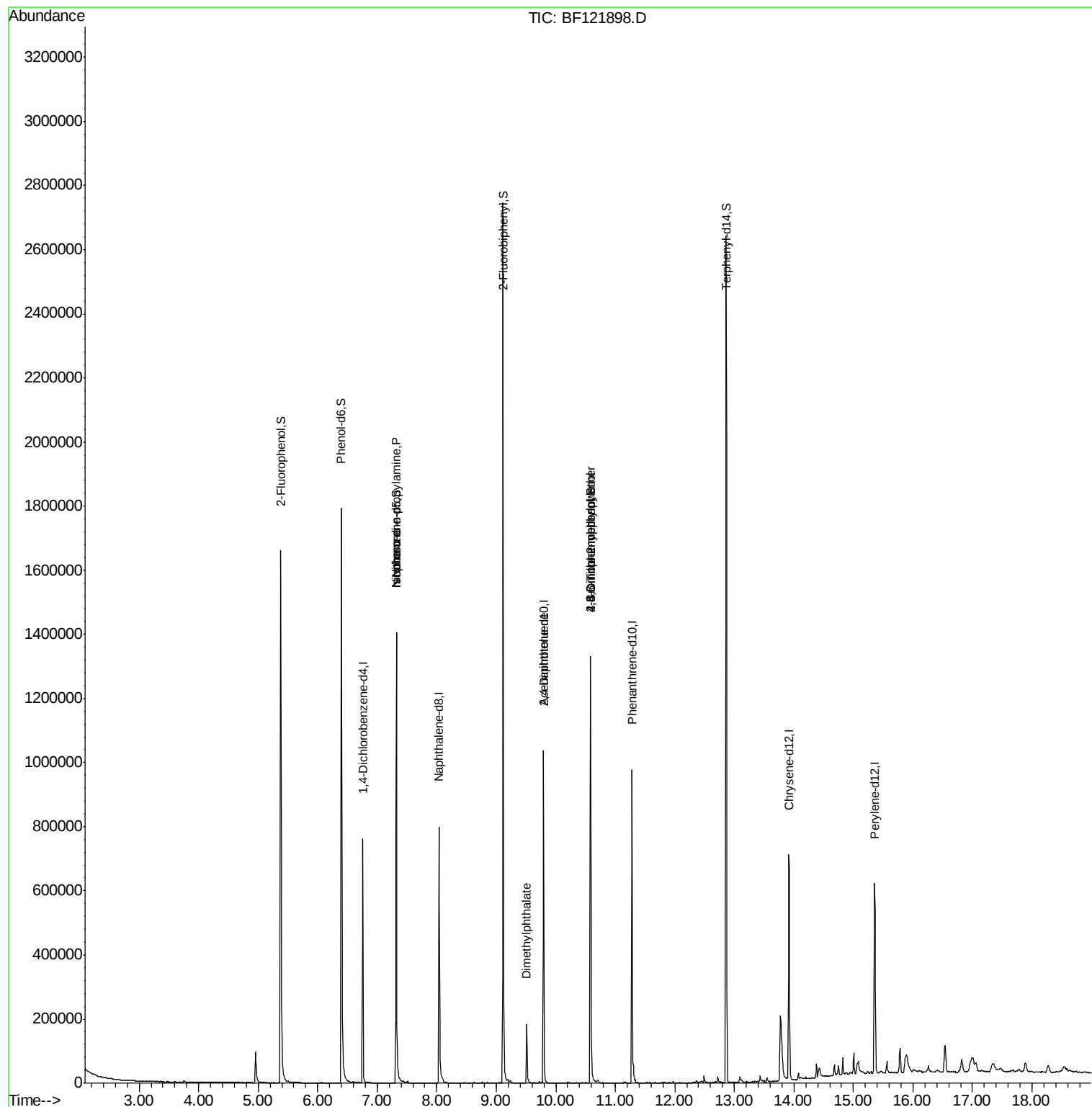
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	99715	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	401523	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	204143	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	378070	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	262059	20.00	ng	-0.02
86) Perylene-d12	15.36	264	274292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	514275	76.65	ng	0.00
7) Phenol-d6	6.40	99	657098	74.65	ng	-0.02
23) Nitrobenzene-d5	7.32	82	457004	61.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	179797	70.86	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	827800	61.41	ng	-0.02
79) Terphenyl-d14	12.86	244	813044	62.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	58370	11.505	ng	# 78
25) Isophorone	7.32	82	457031	30.360	ng	# 67
50) Dimethylphthalate	9.51	163	90849	6.140	ng	# 99
57) 2,4-Dinitrotoluene	9.79	165	25792	6.506	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	317	6.969	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	10223	2.375	ng	# 1

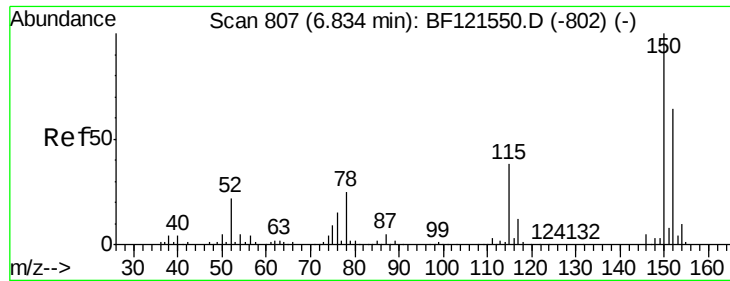
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121898.D
Acq On : 8 Oct 2020 19:53
Operator : JU/CG
Sample : L4309-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-02-B

Quant Time: Oct 09 00:34:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration



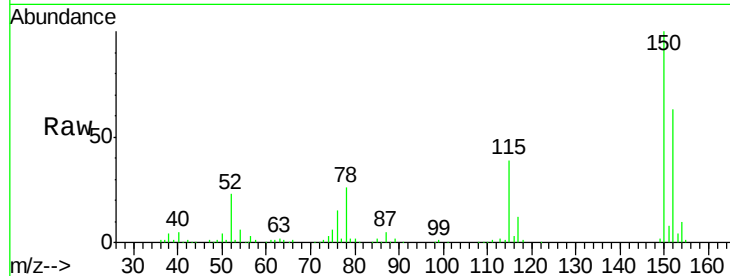


#1

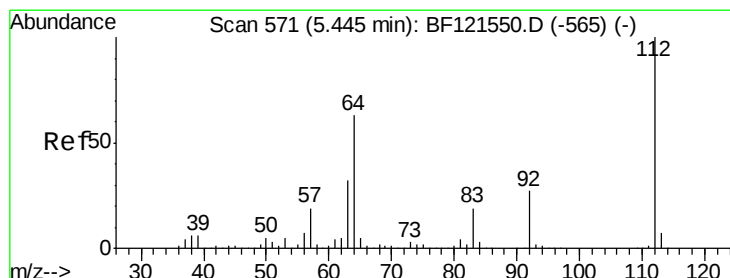
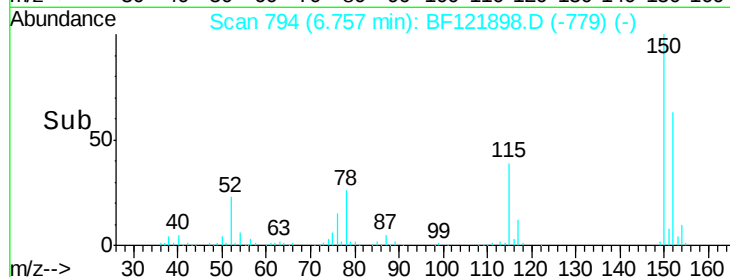
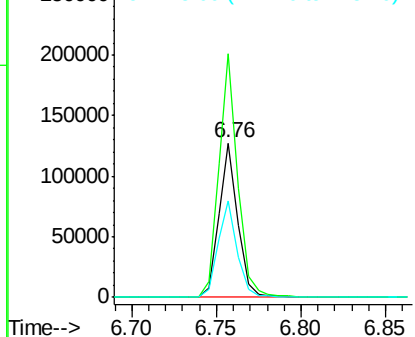
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-02-B

Tot Ion:152 Resp: 99715
Ion Ratio Lower Upper
152 100
150 157.8 125.3 187.9
115 62.1 51.9 77.9



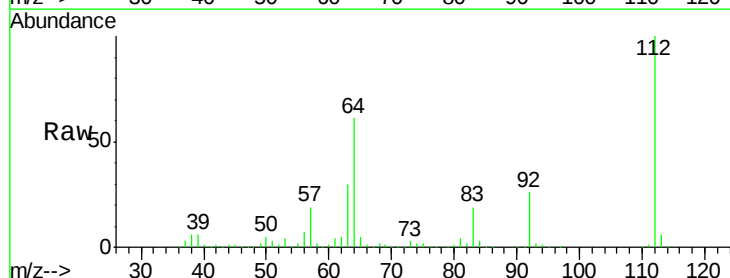
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



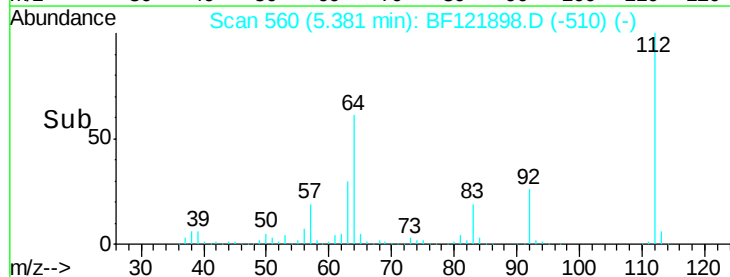
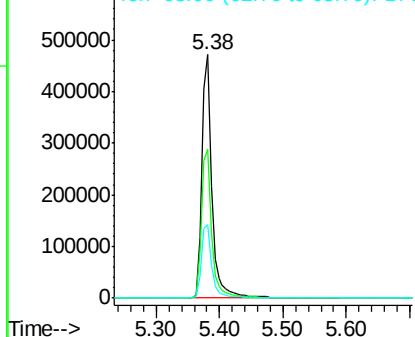
#5

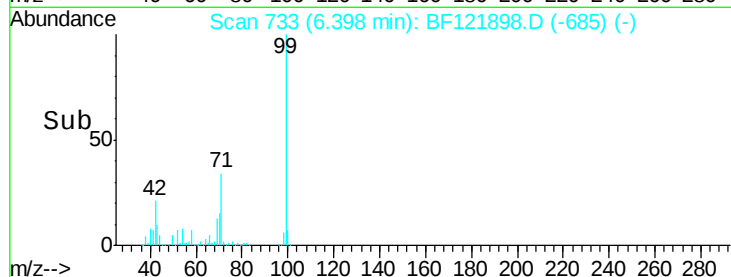
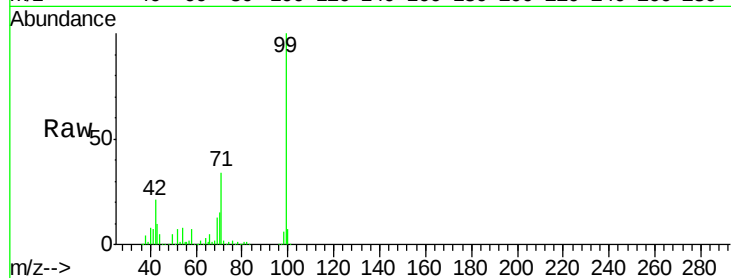
2-Fluorophenol
Concen: 76.646 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

Tgt Ion:112 Resp: 514275
Ion Ratio Lower Upper
112 100
64 61.4 50.4 75.6
63 30.3 25.8 38.6



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: 74.647 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF121898.D

Acq: 8 Oct 2020 19:53

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-02-B

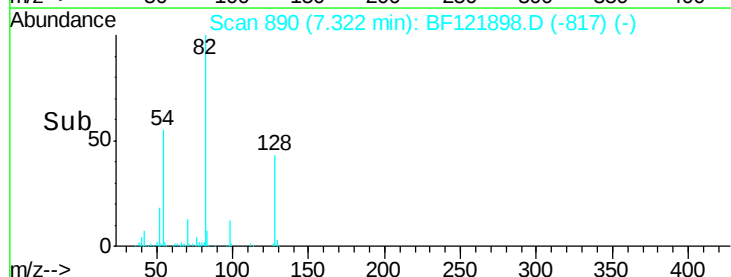
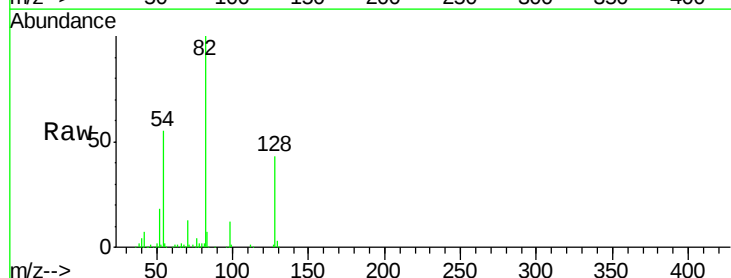
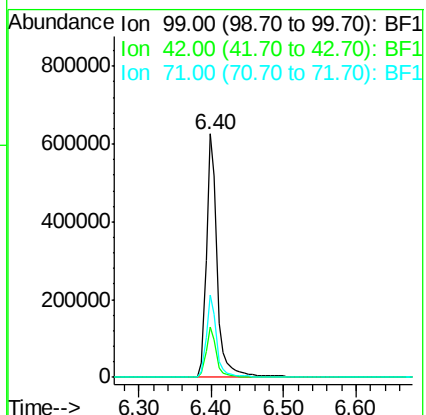
Tot Ion: 99 Resp: 657098

Ion Ratio Lower Upper

99 100

42 20.5 15.9 23.9

71 33.7 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.505 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.13 min

Lab File: BF121898.D

Acq: 8 Oct 2020 19:53

Tgt Ion: 70 Resp: 58370

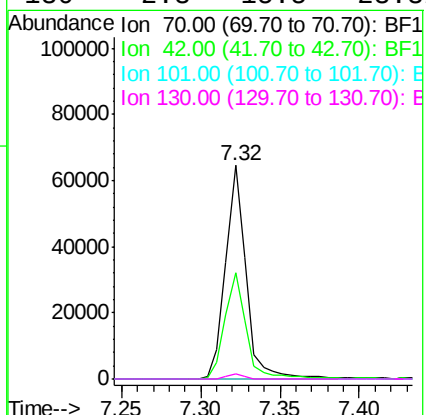
Ion Ratio Lower Upper

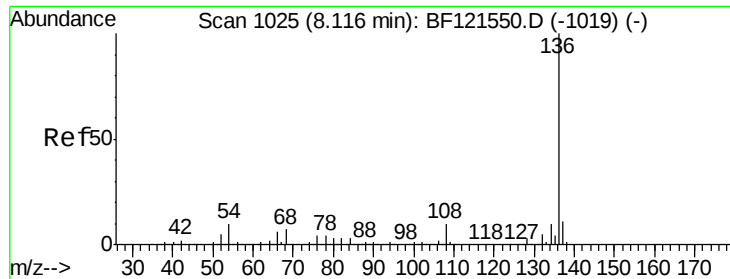
70 100

42 49.7 50.2 75.4#

101 0.0 7.5 11.3#

130 2.3 15.5 23.3#

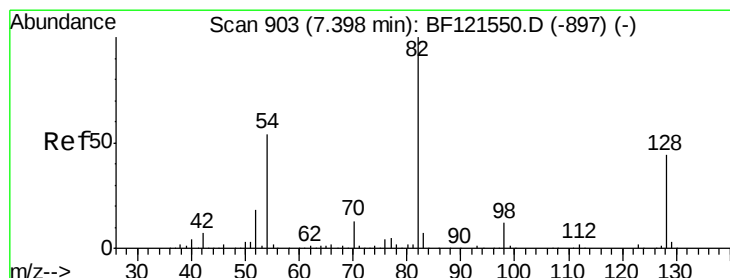
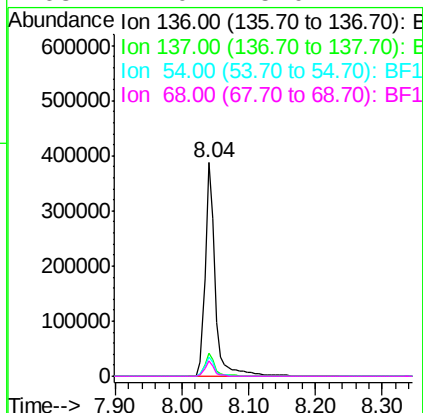
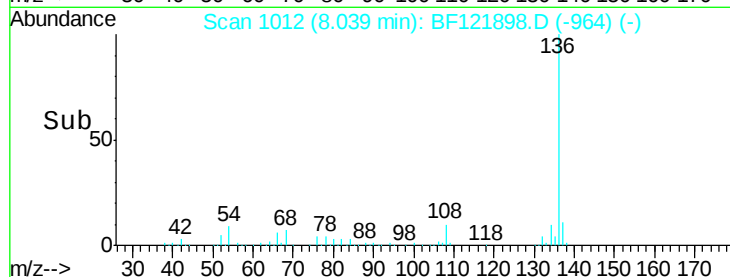
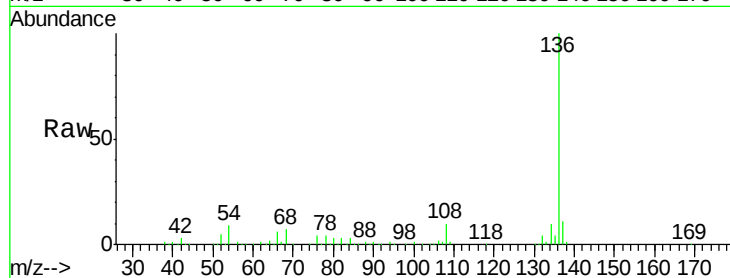




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

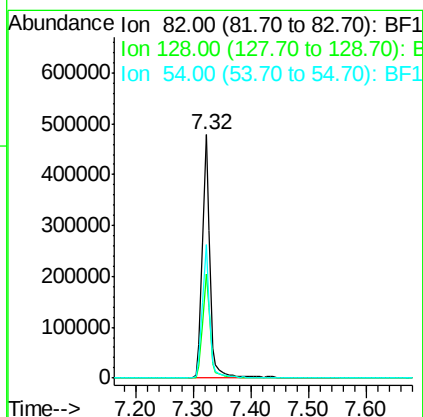
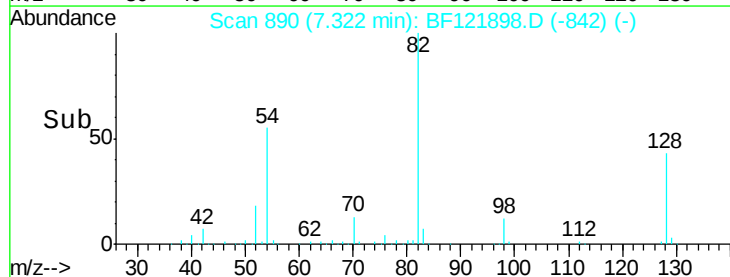
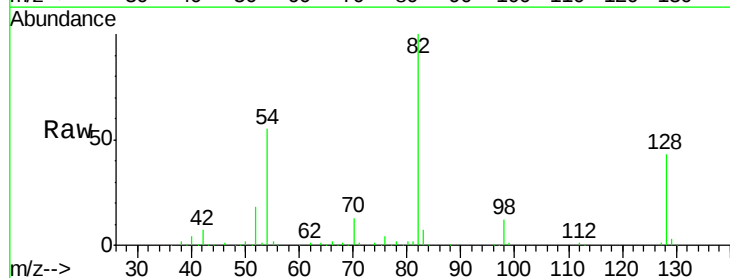
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-02-B

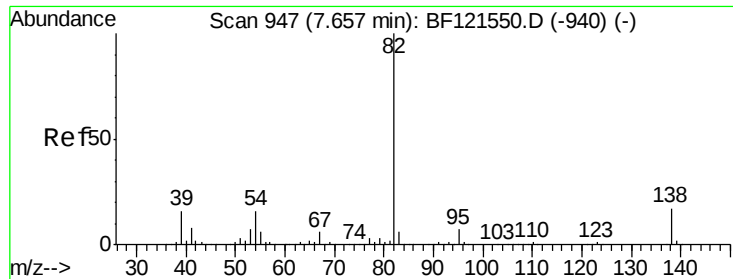
Tot Ion:136	Resp:	401523
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	9.3	7.1 10.7
68	7.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 61.111 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

Tgt Ion: 82	Resp:	457004
Ion	Ratio	Lower Upper
82	100	
128	42.5	35.0 52.4
54	54.6	43.9 65.9

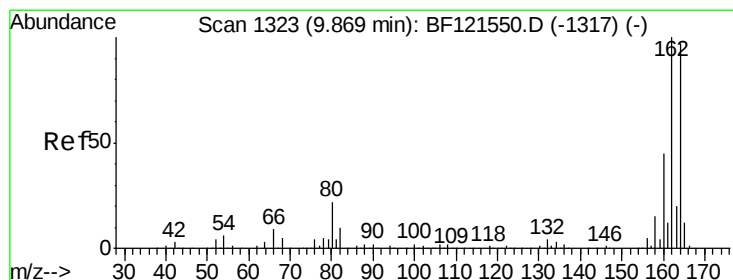
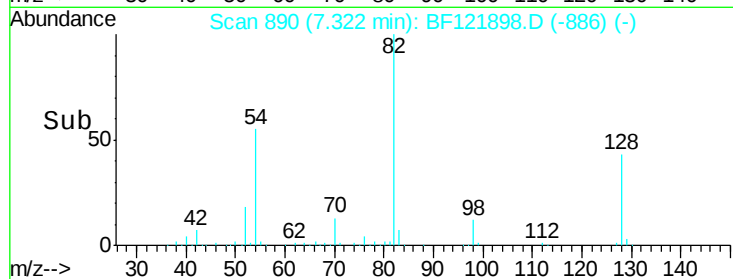
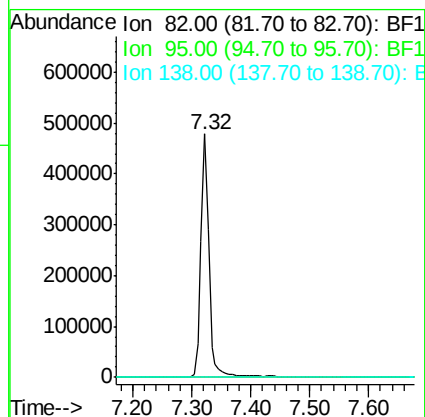
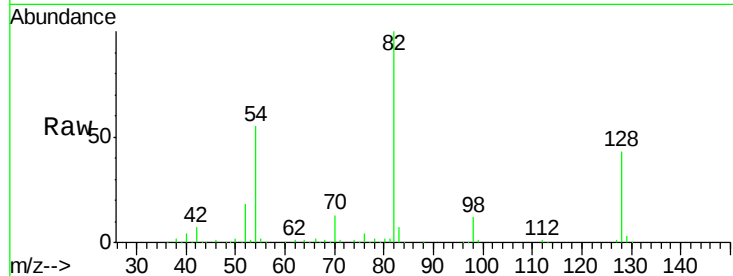




#25
Isophorone
Concen: 30.360 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

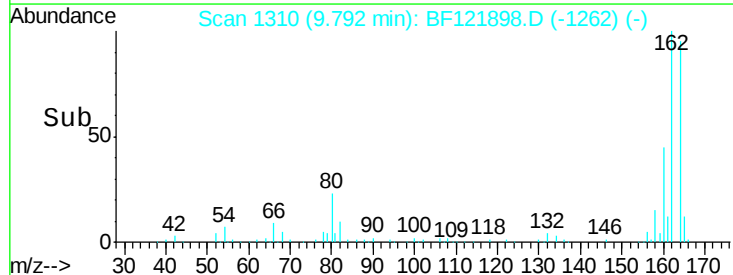
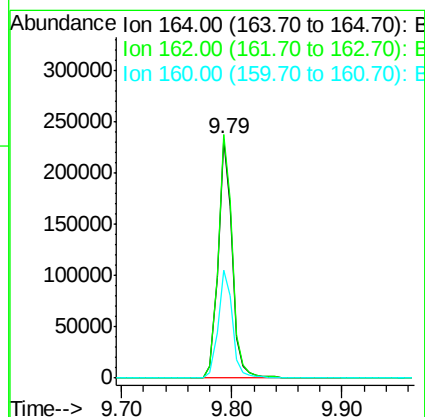
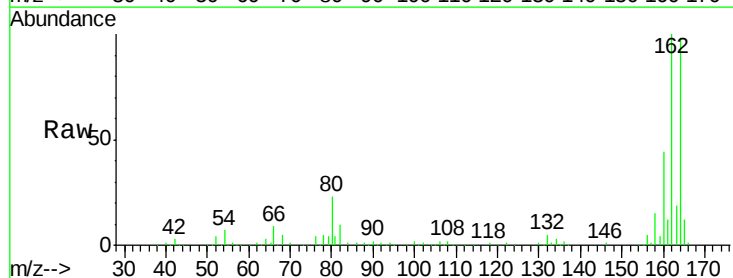
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-02-B

Tot Ion: 82 Resp: 457031
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

Tgt Ion: 164 Resp: 204143
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 45.2 37.5 56.3

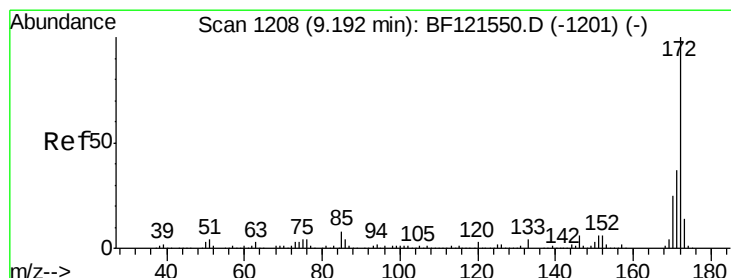
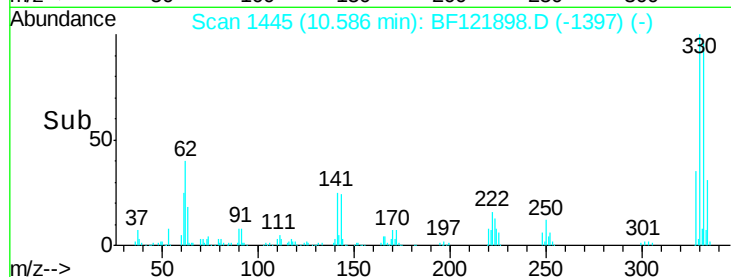
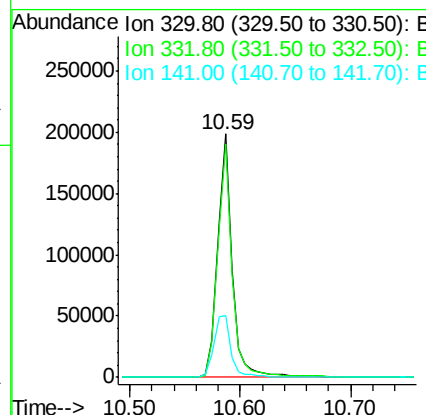
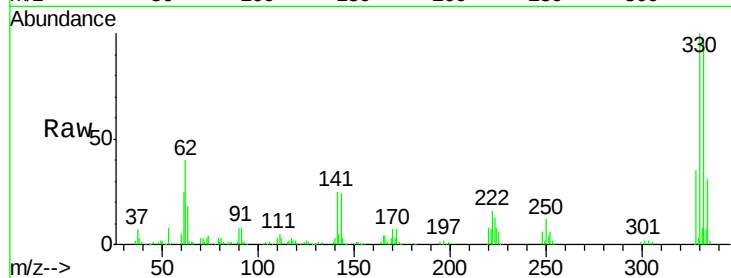




#42
 2,4,6-Tribromophenol
 Concen: 70.864 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121898.D
 Acq: 8 Oct 2020 19:53

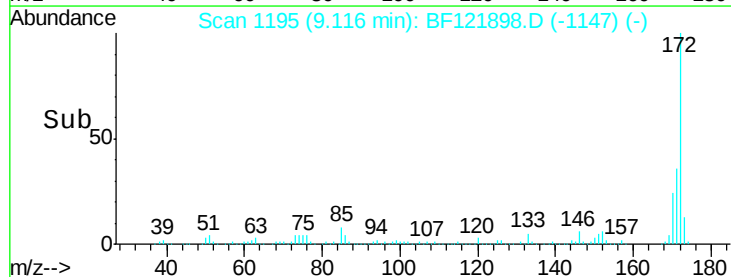
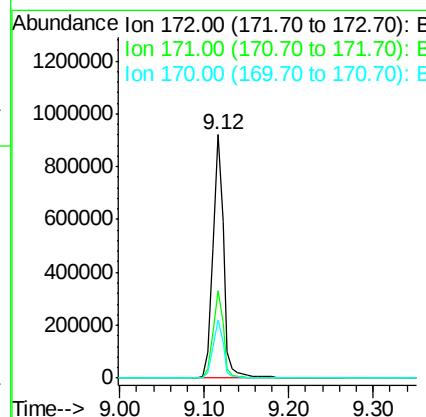
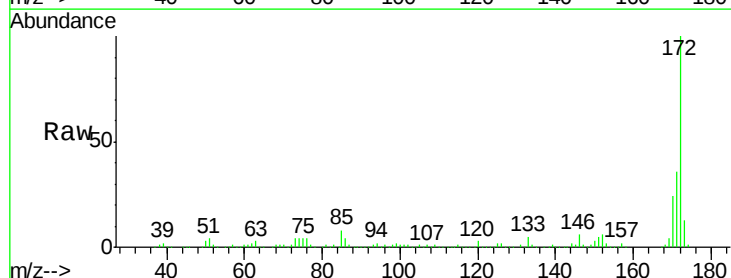
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-02-B

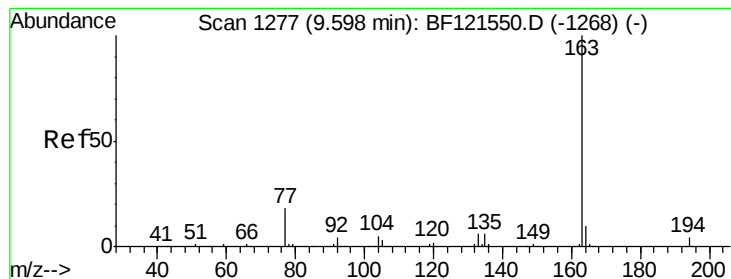
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	29.9	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 61.414 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121898.D
 Acq: 8 Oct 2020 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	24.0	19.8	29.6





#50

Dimethylphthalate

Concen: 6.140 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BF121898.D

Acq: 8 Oct 2020 19:53

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-02-B

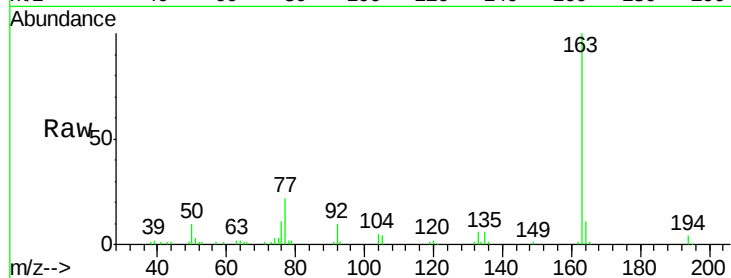
Tot Ion:163 Resp: 90849

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

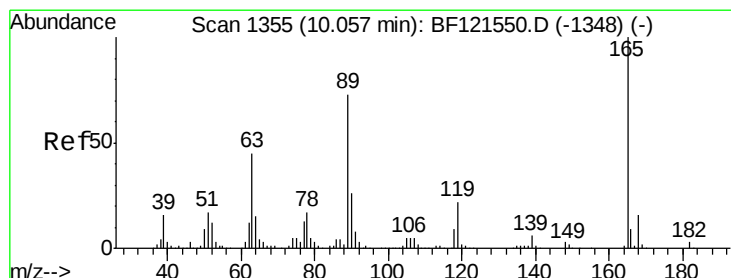
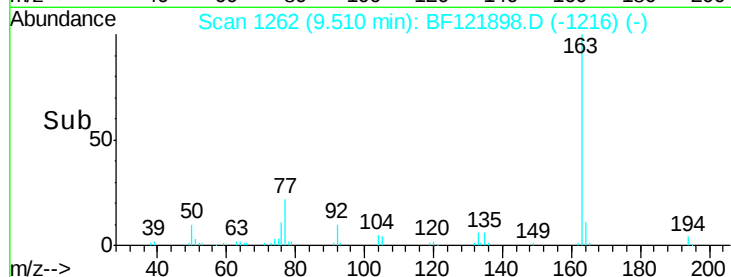
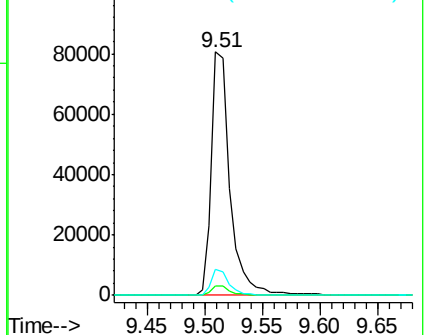
164 10.9 8.2 12.4



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: 6.506 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.21 min

Lab File: BF121898.D

Acq: 8 Oct 2020 19:53

Tgt Ion:165 Resp: 25792

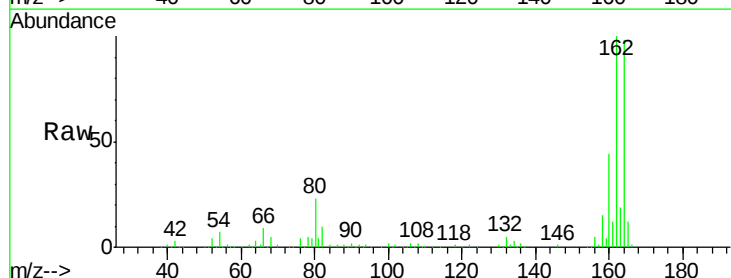
Ion Ratio Lower Upper

165 100

63 1.5 41.3 61.9#

89 1.2 61.8 92.8#

182 0.0 2.1 3.1#

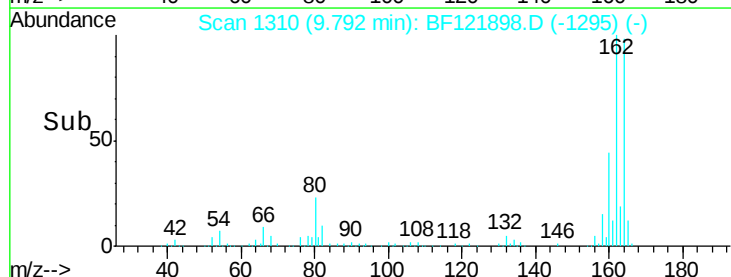
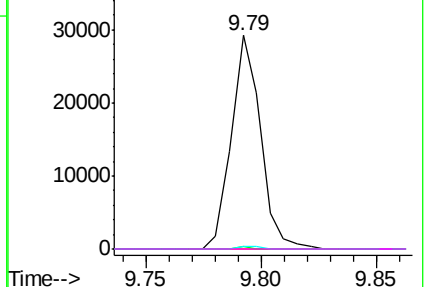


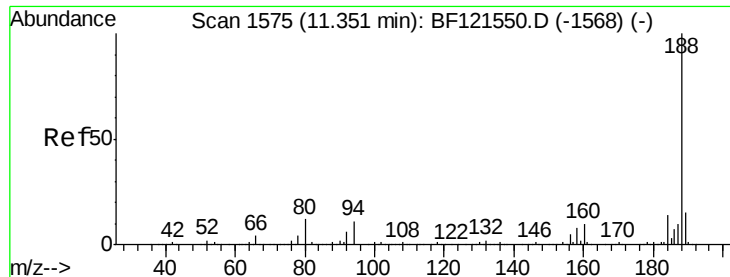
Abundance Ion 165.00 (164.70 to 165.70): E

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

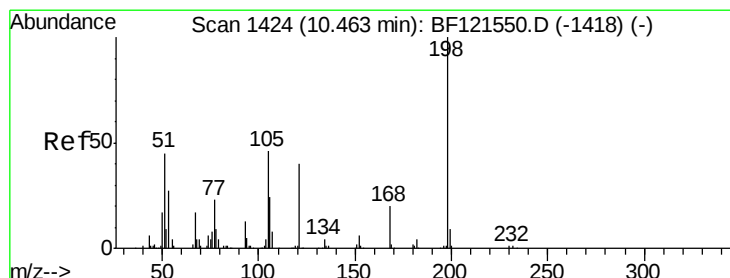
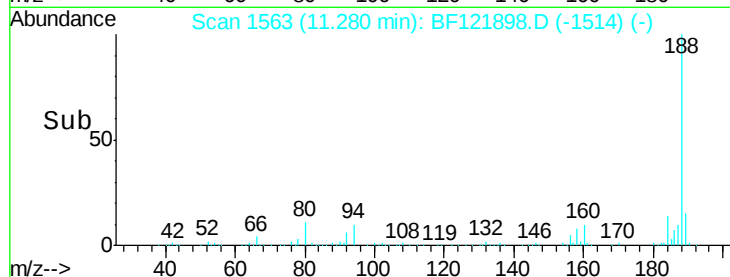
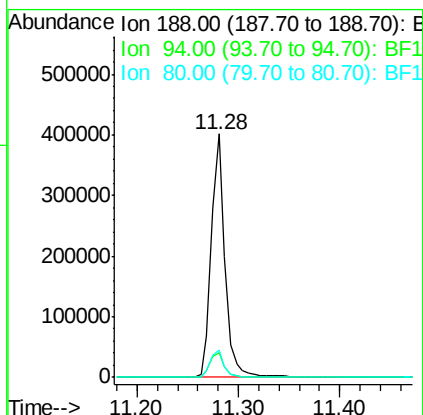
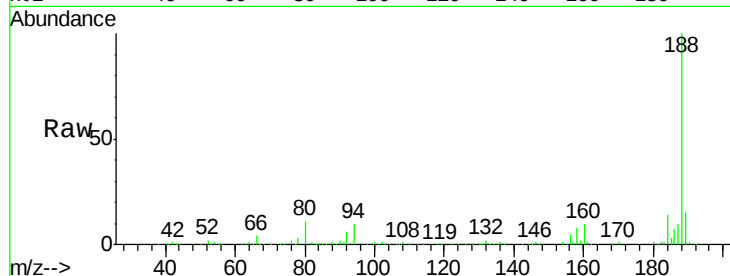




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

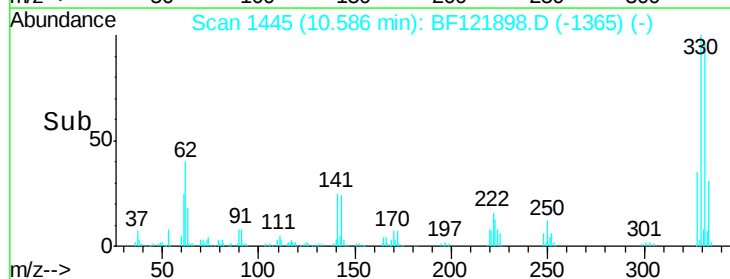
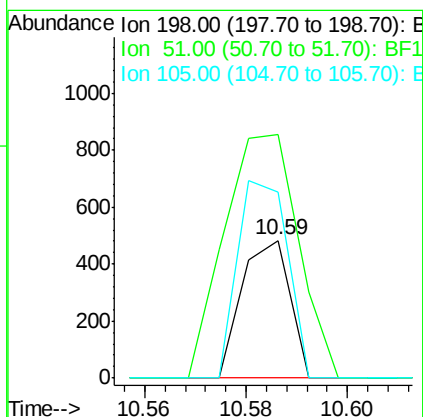
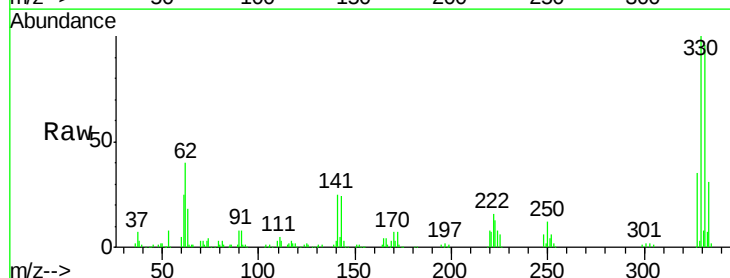
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-02-B

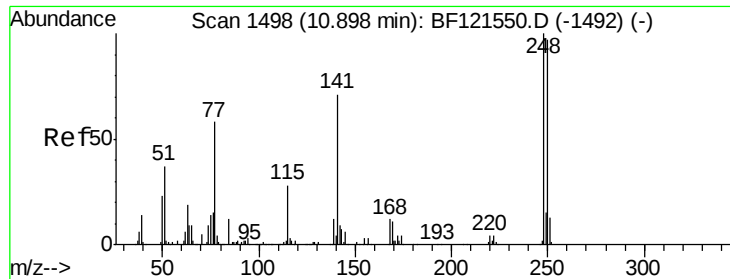
Tot Ion:188 Resp: 378070
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.0 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.969 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.17 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

Tgt Ion:198 Resp: 317
Ion Ratio Lower Upper
198 100
51 176.7 29.6 69.6#
105 134.9 24.4 64.4#

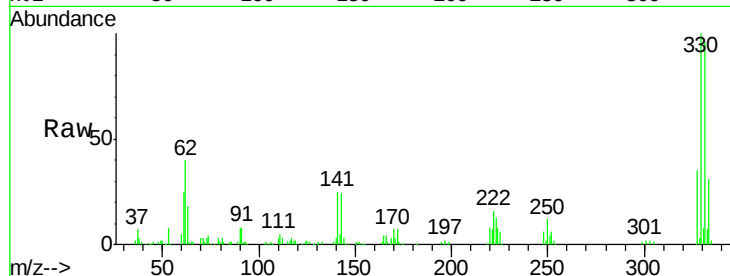




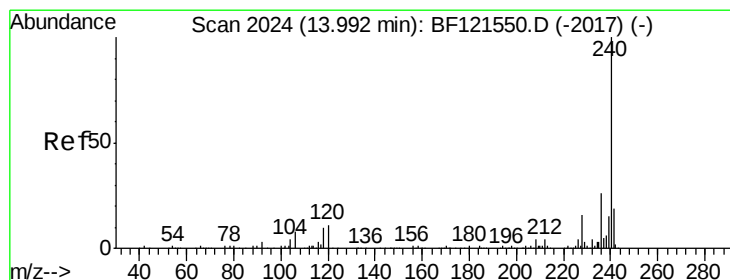
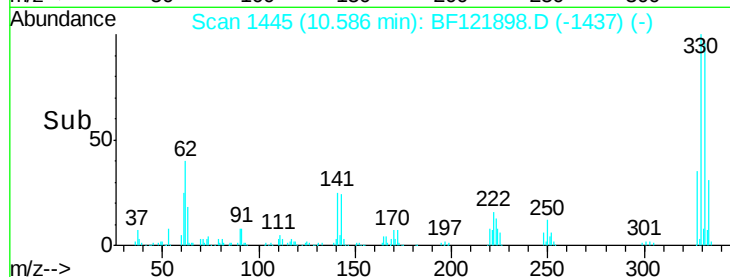
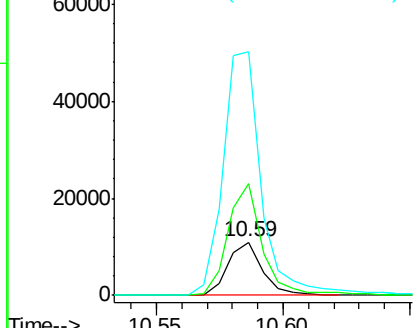
#67
4-Bromophenyl-phenylether
Concen: 2.375 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-02-B

Tot Ion:248 Resp: 10223
Ion Ratio Lower Upper
248 100
250 210.2 77.0 115.6#
141 458.8 53.7 80.5#

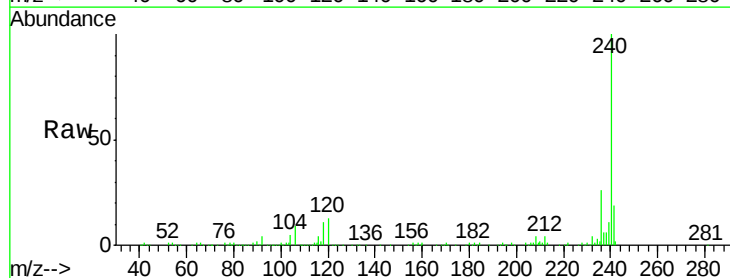


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

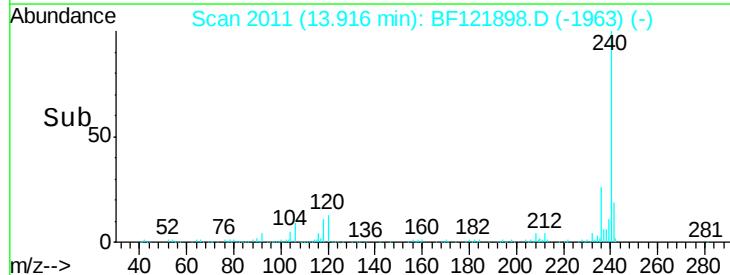
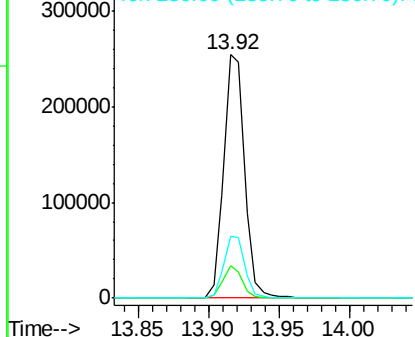


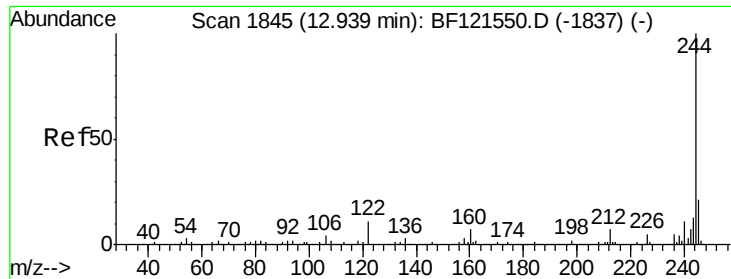
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

Tgt Ion:240 Resp: 262059
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 25.5 20.9 31.3



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: 62.854 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121898.D

Acq: 8 Oct 2020 19:53

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-02-B

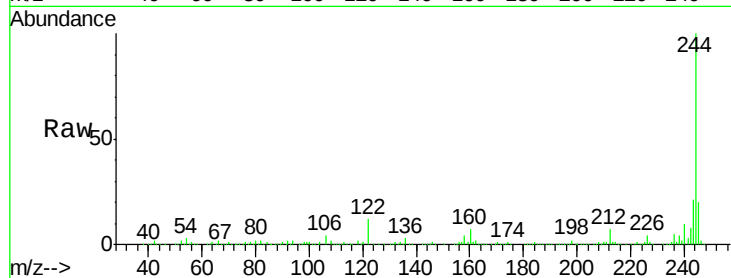
Tot Ion:244 Resp: 813044

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

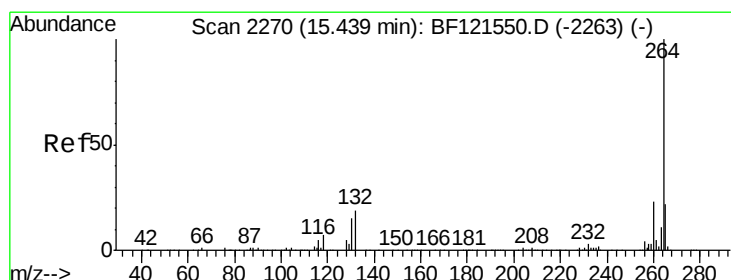
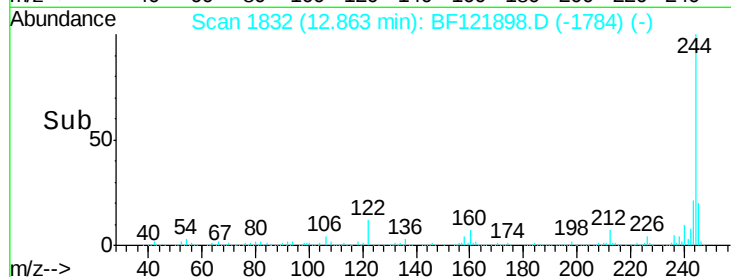
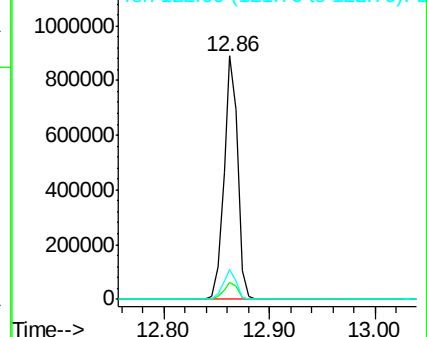
122 12.1 8.1 12.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121898.D

Acq: 8 Oct 2020 19:53

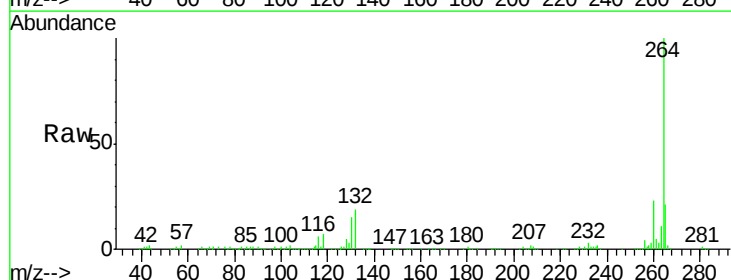
Tgt Ion:264 Resp: 274292

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.2 17.3 25.9



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

