

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 00:46:32 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

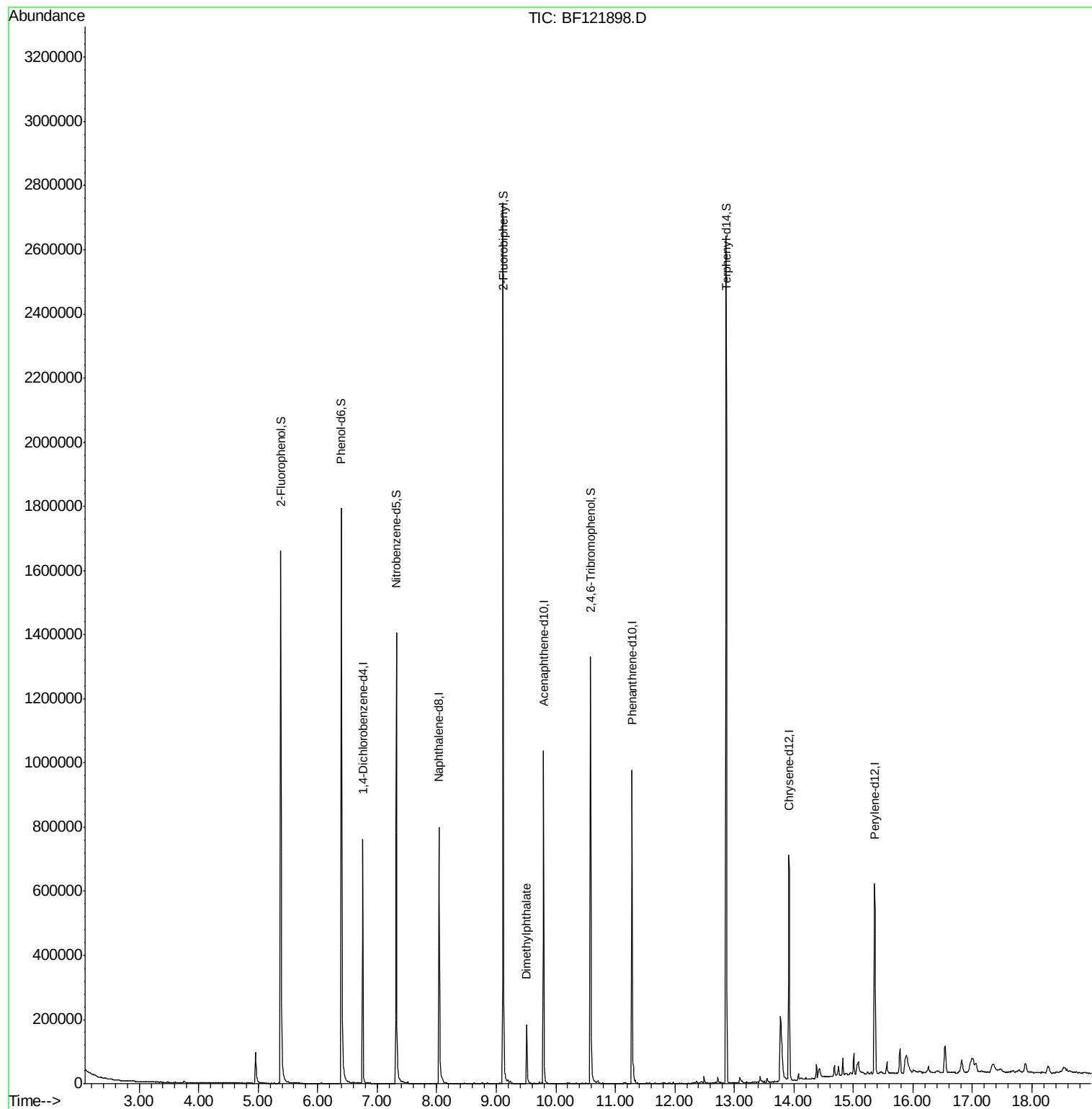
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	99715	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	401523	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	204143	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	378070	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	262059	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						
50) Dimethylphthalate	9.51	163	90849	6.140	ng	Qvalue 99

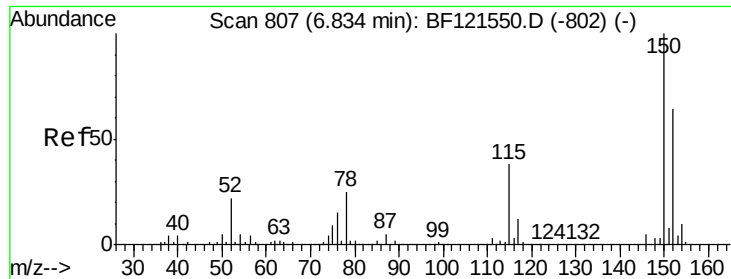
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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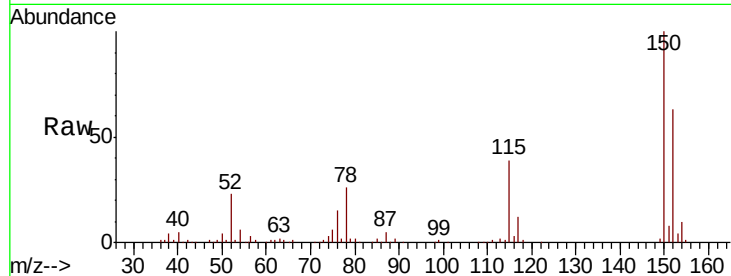


#1

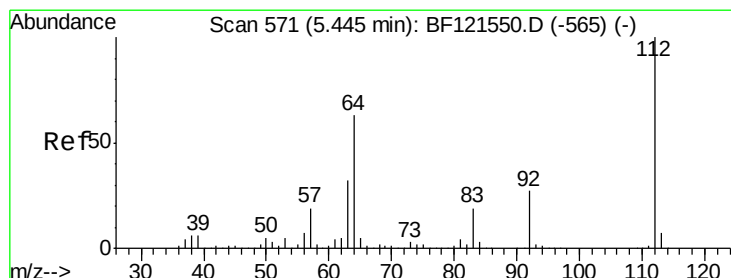
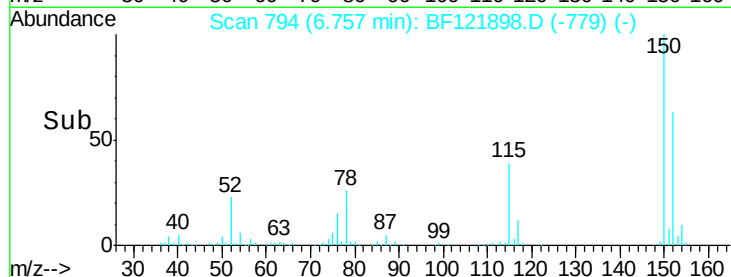
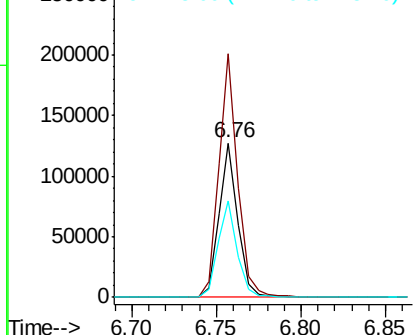
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

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



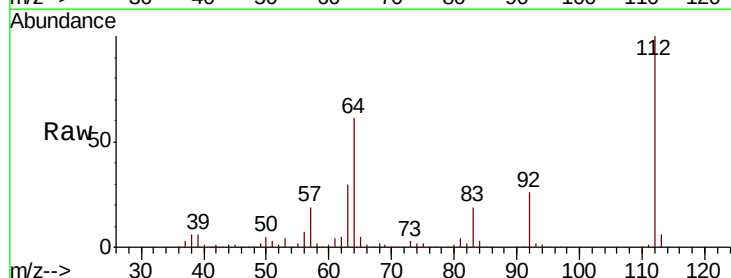
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



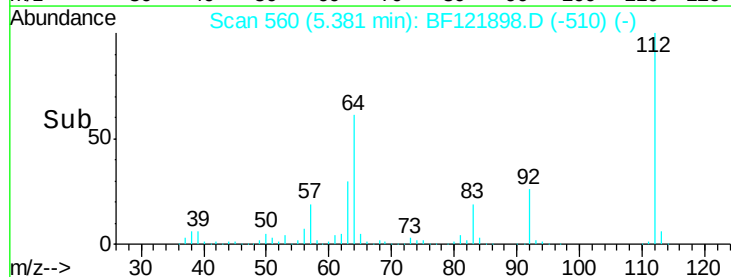
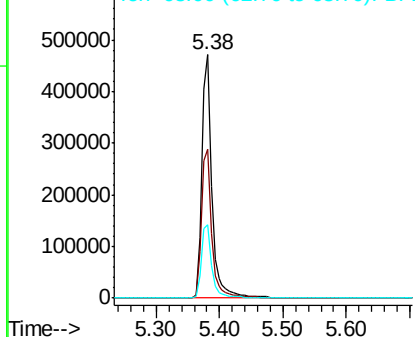
#5

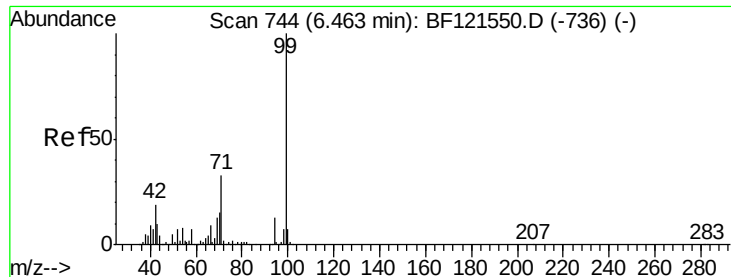
2-Fluorophenol
Concen: 76.646 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121898.D
Acq: 8 Oct 2020 19:53

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

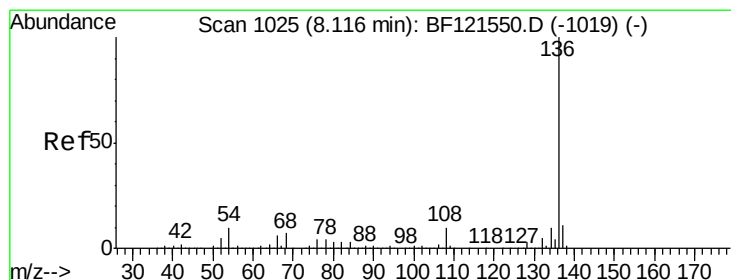
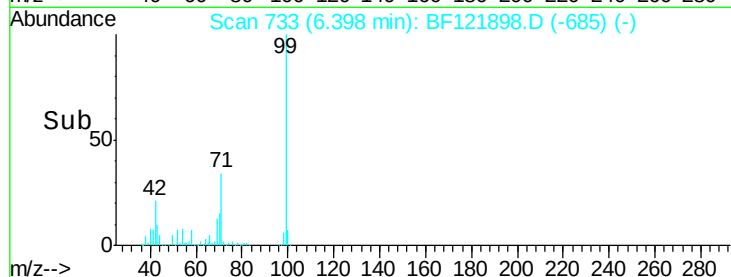
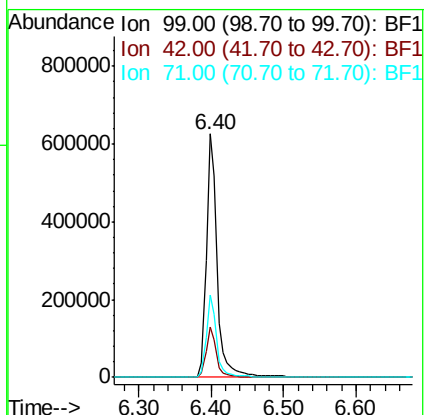
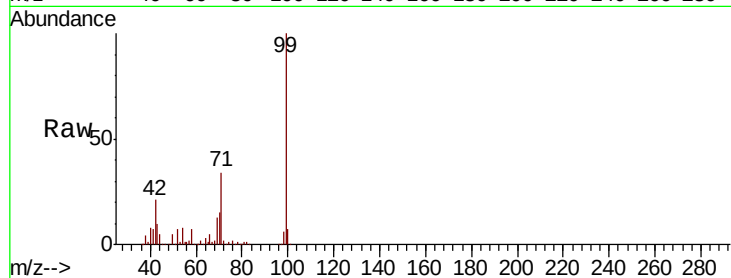
Tot Ion: 99 Resp: 657098

Ion Ratio Lower Upper

99 100

42 20.5 15.9 23.9

71 33.7 27.1 40.7



#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

Tgt Ion: 136 Resp: 401523

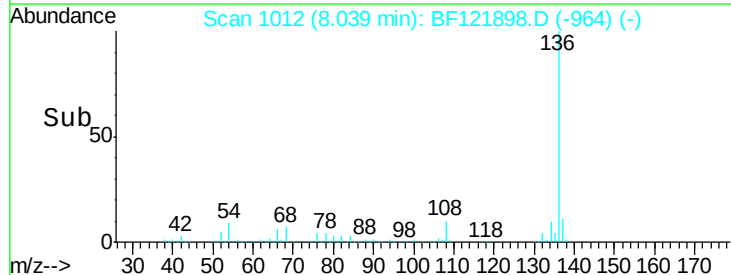
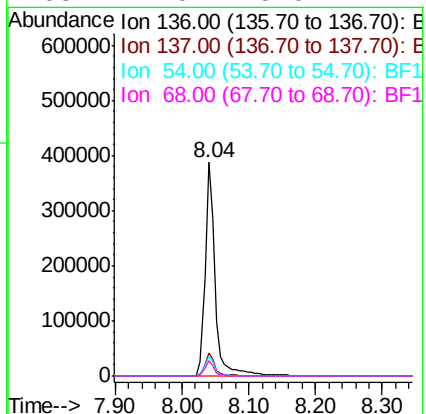
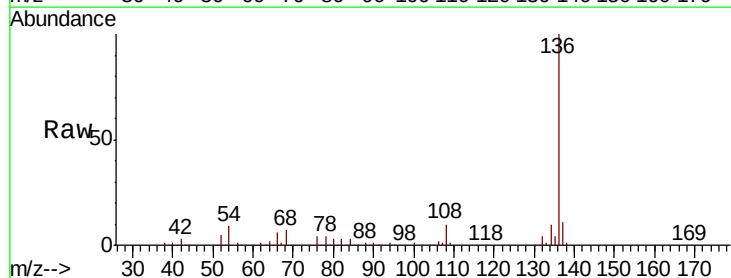
Ion Ratio Lower Upper

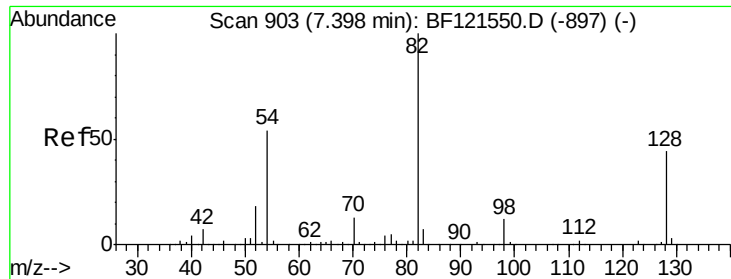
136 100

137 10.9 8.6 13.0

54 9.3 7.1 10.7

68 7.0 5.0 7.4

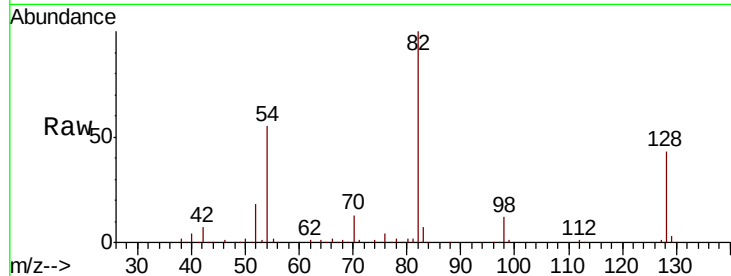




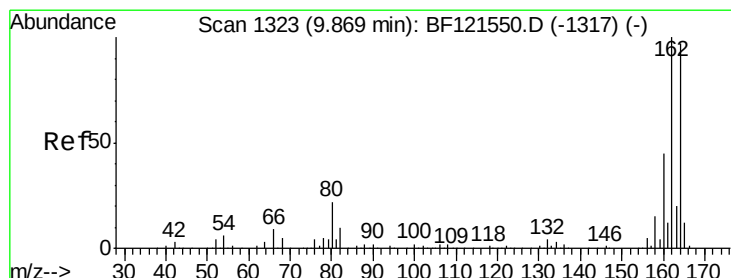
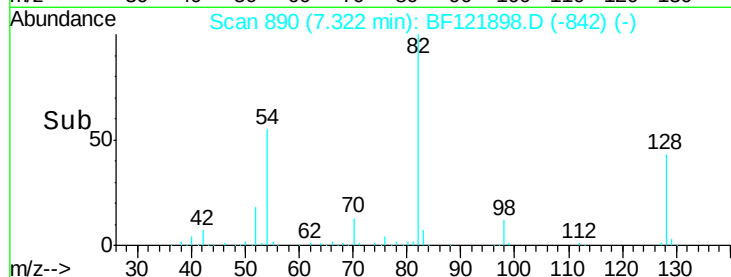
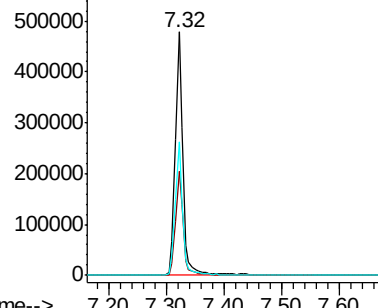
#23
 Nitrobenzene-d5
 Concen: 61.111 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF121898.D
 Acq: 8 Oct 2020 19:53

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

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

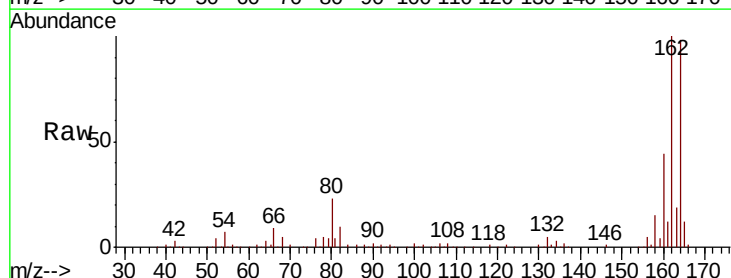


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

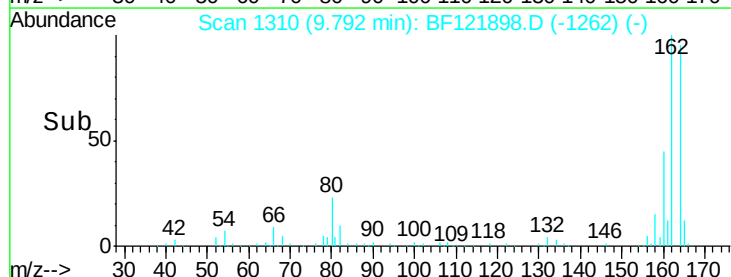
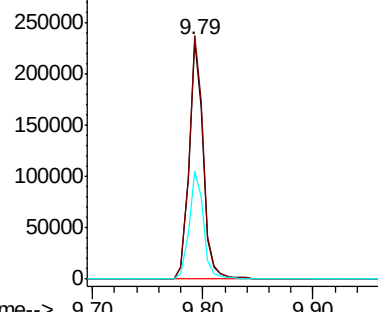


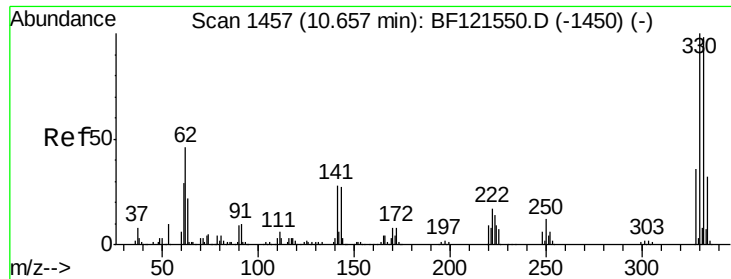
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF121898.D
 Acq: 8 Oct 2020 19:53

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



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

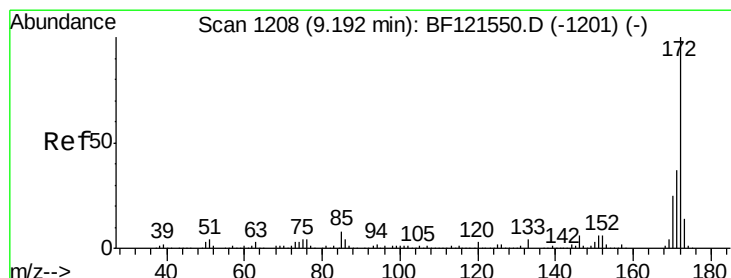
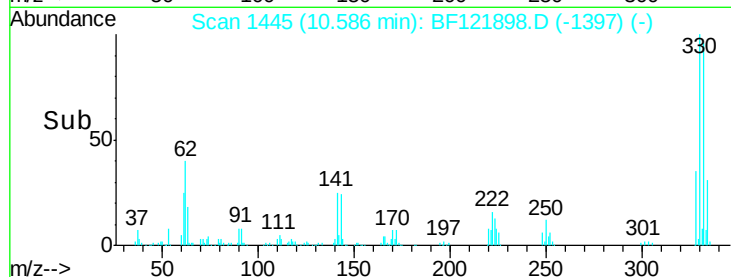
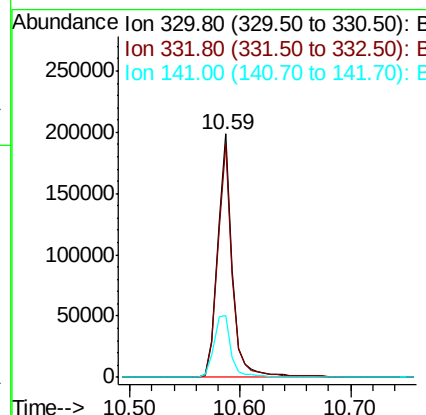
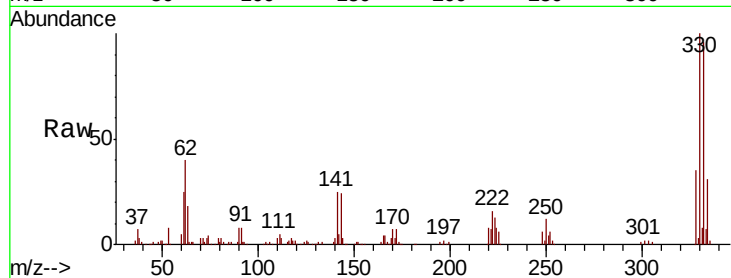




#42
 2,4,6-Tribromophenol
 Concen: 70.864 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121898.D
 Acq: 8 Oct 2020 19:53

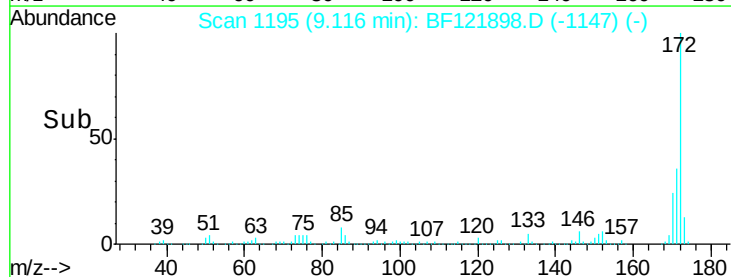
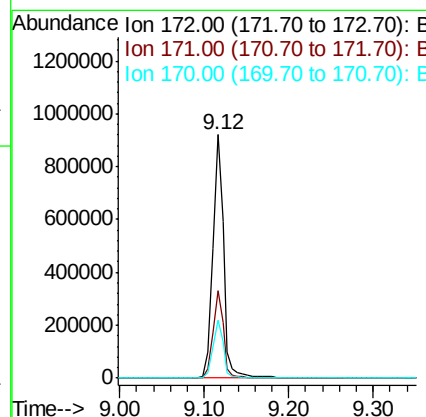
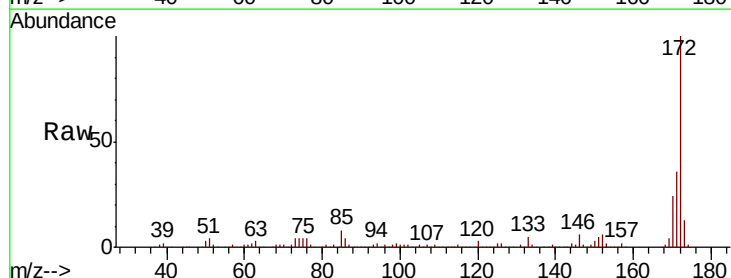
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-02-B

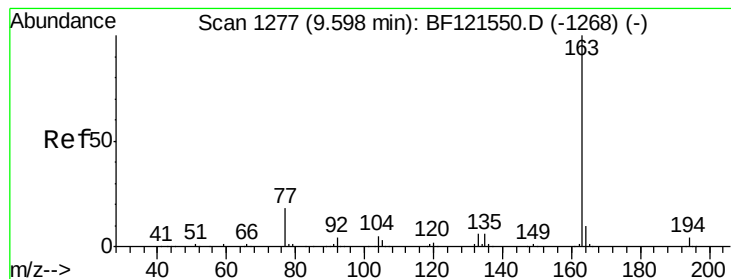
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	29.9	22.3	33.5



#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

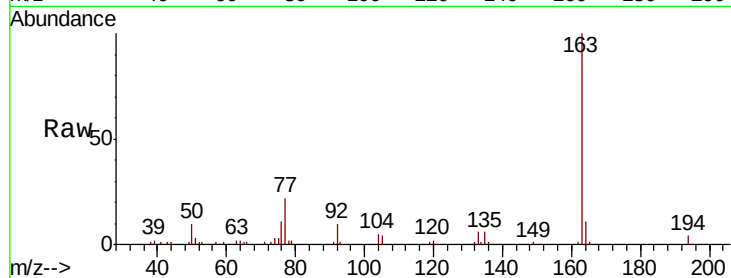
Tot Ion:163 Resp: 90849

Ion Ratio Lower Upper

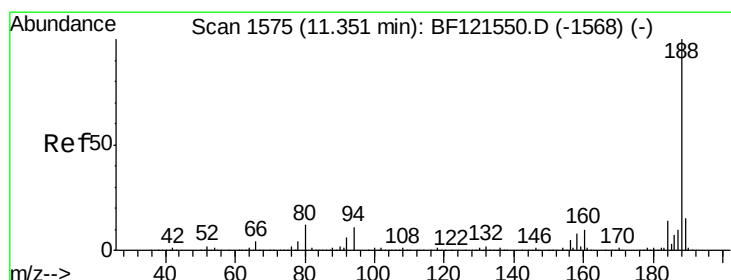
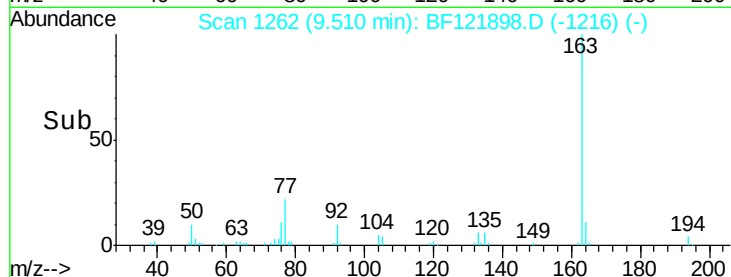
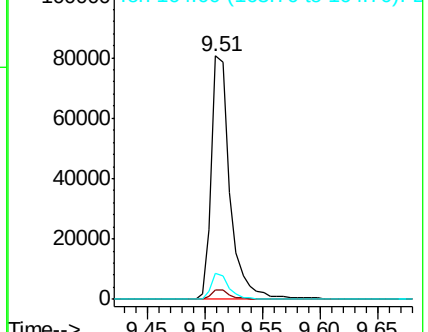
163 100

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



#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

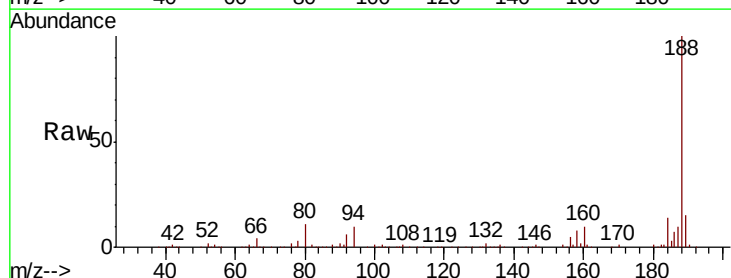
Tgt Ion:188 Resp: 378070

Ion Ratio Lower Upper

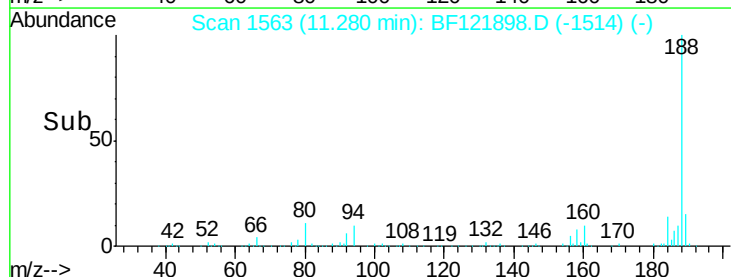
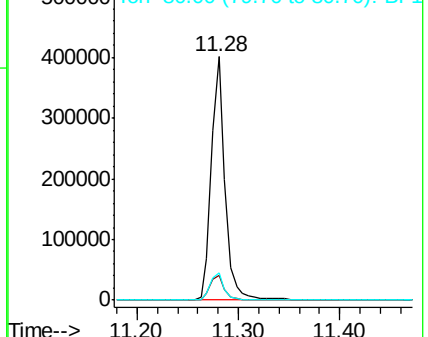
188 100

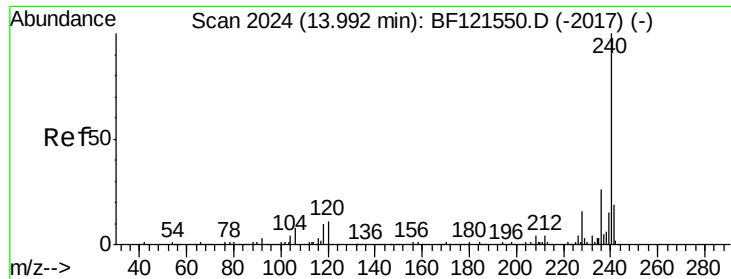
94 10.2 8.3 12.5

80 11.0 9.1 13.7



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

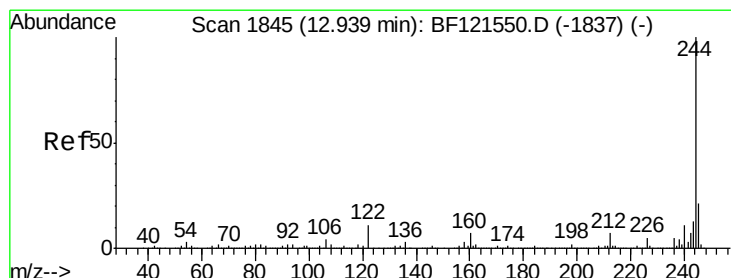
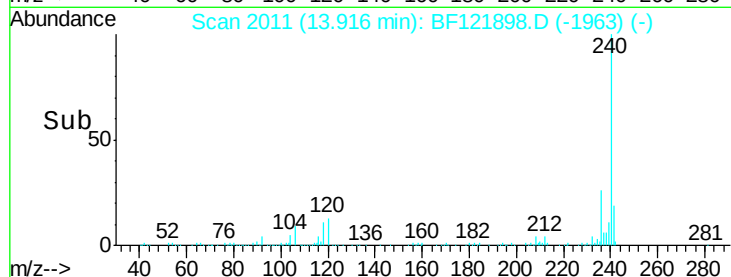
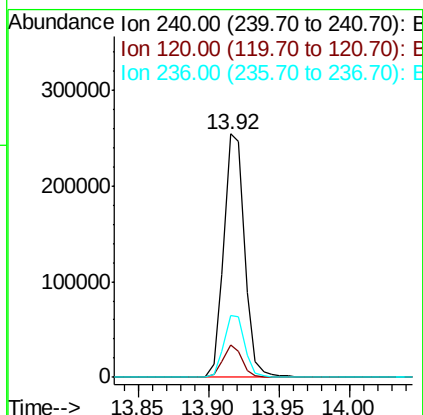
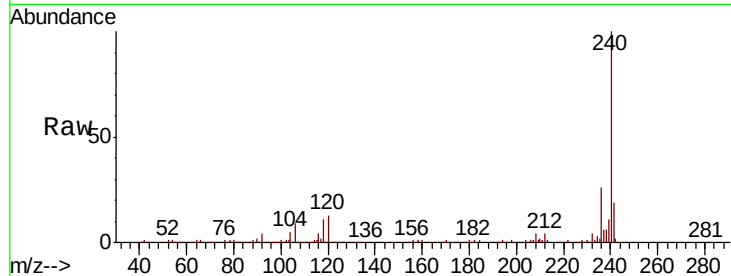




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF121898.D
 Acq: 8 Oct 2020 19:53

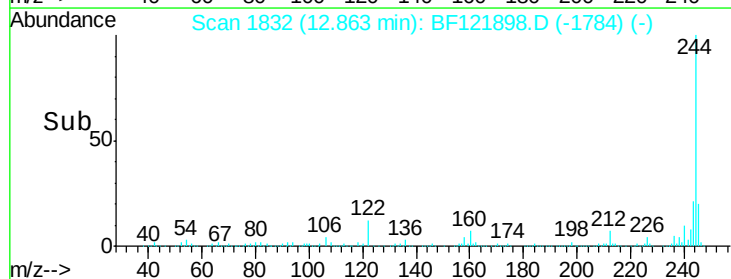
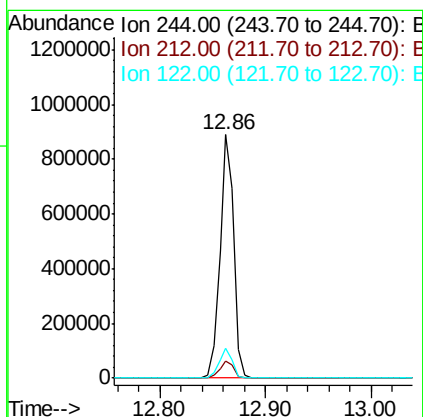
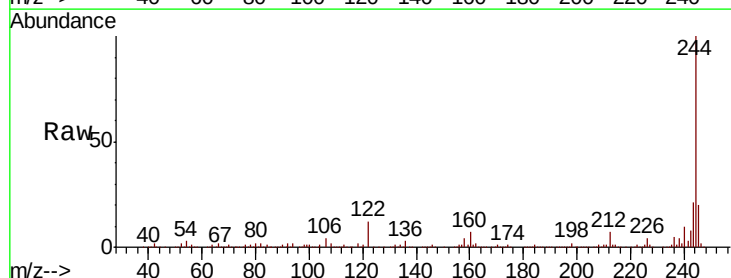
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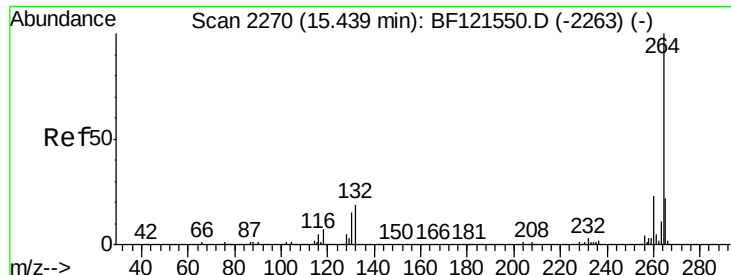
Tot Ion:240 Resp: 262059
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.2 13.8
 236 25.5 20.9 31.3



#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

Tgt Ion:244 Resp: 813044
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 12.1 8.1 12.1





#86
Pervlene-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

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.2	17.3	25.9

