

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121892.D
 Acq On : 8 Oct 2020 16:46
 Operator : JU/CG
 Sample : L4309-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-B

Quant Time: Oct 08 19:03:08 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

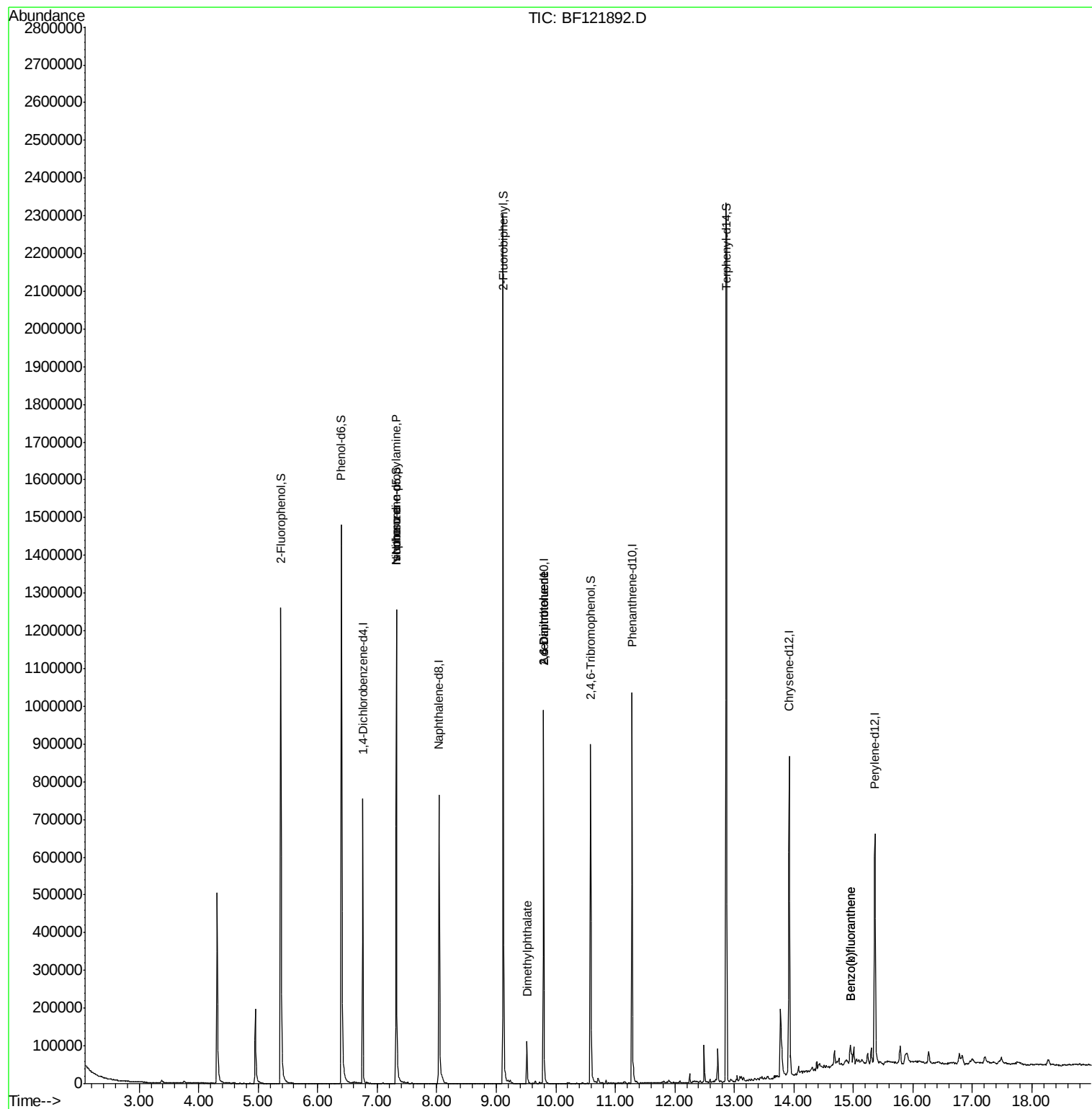
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95891	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	391184	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	202831	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	387556	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	268710	20.00	ng	-0.01
86) Perylene-d12	15.36	264	267833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	395460	61.29	ng	0.00
7) Phenol-d6	6.40	99	579645	68.47	ng	-0.02
23) Nitrobenzene-d5	7.32	82	410814	56.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	116485	46.21	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	737003	55.03	ng	-0.02
79) Terphenyl-d14	12.86	244	754420	56.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	52976	10.859	ng	# 79
25) Isophorone	7.32	82	410812	28.011	ng	# 67
50) Dimethylphthalate	9.52	163	53764	3.657	ng	100
51) 2,6-Dinitrotoluene	9.79	165	25696	8.207	ng	# 20
57) 2,4-Dinitrotoluene	9.79	165	25696	6.524	ng	# 20
88) Benzo(b)fluoranthene	14.94	252	36199	2.022	ng	# 96
89) Benzo(k)fluoranthene	14.94	252	36199	2.208	ng	# 95

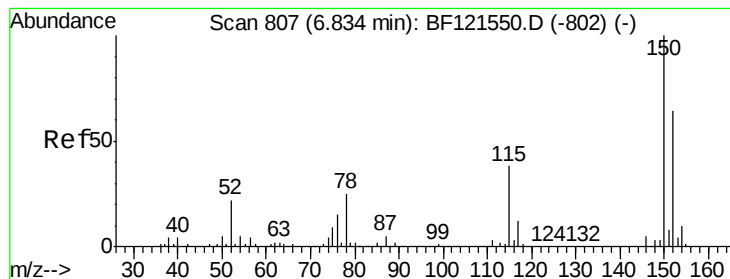
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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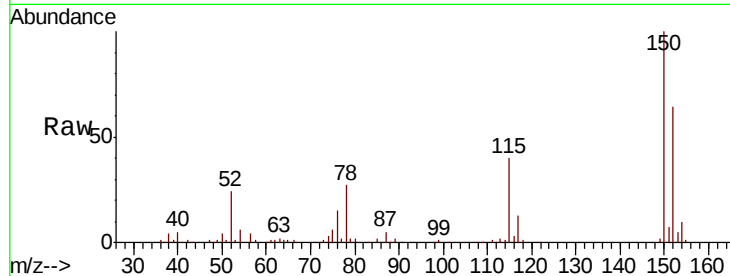




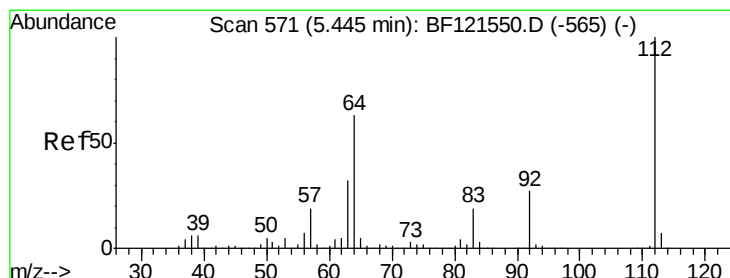
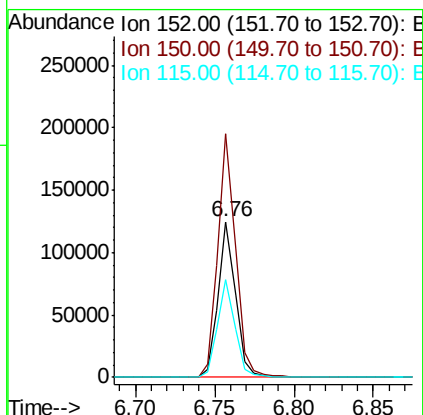
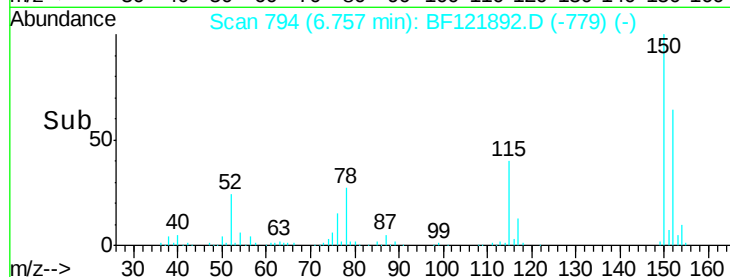
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121892.D
 Acq: 8 Oct 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-B

Tot Ion:152 Resp: 95891
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.3 187.9
 115 62.6 51.9 77.9

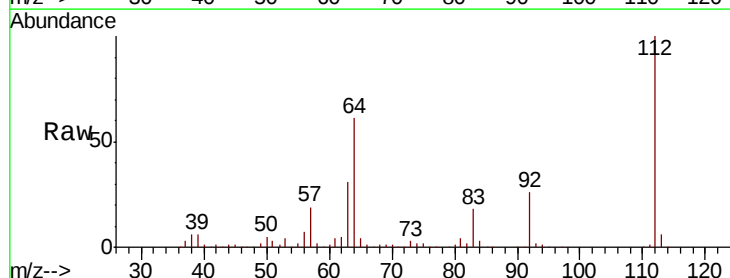


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

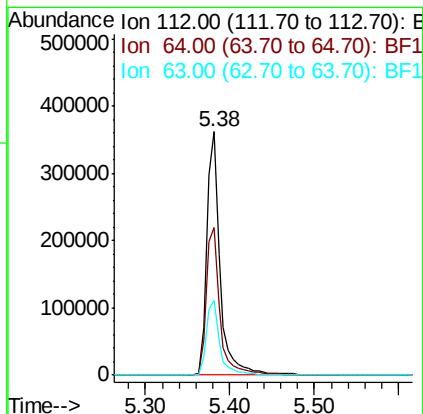
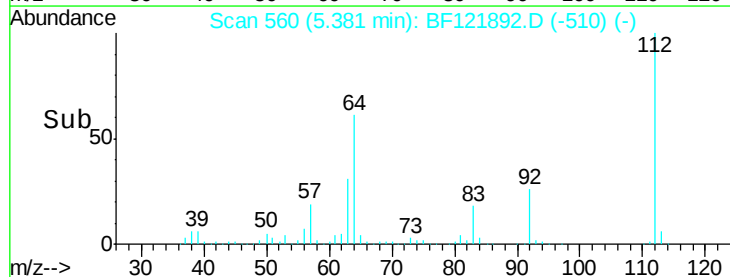


#5
 2-Fluorophenol
 Concen: 61.289 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121892.D
 Acq: 8 Oct 2020 16:46

Tgt Ion:112 Resp: 395460
 Ion Ratio Lower Upper
 112 100
 64 60.6 50.4 75.6
 63 30.5 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: 68.474 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF121892.D

Acq: 8 Oct 2020 16:46

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-B

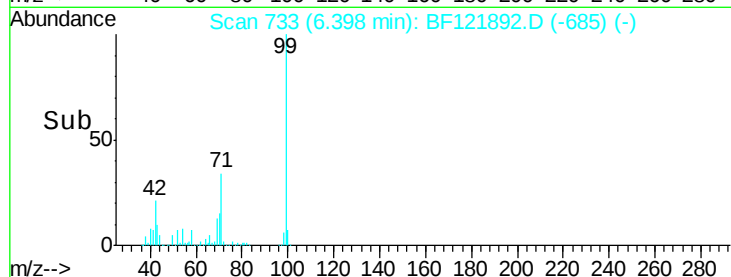
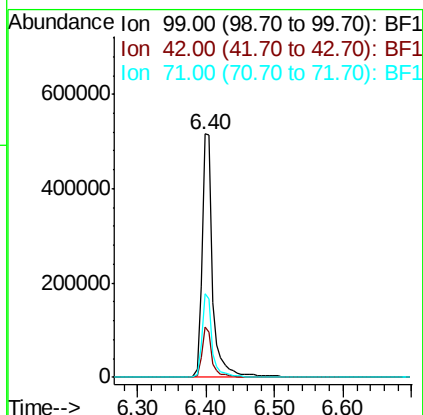
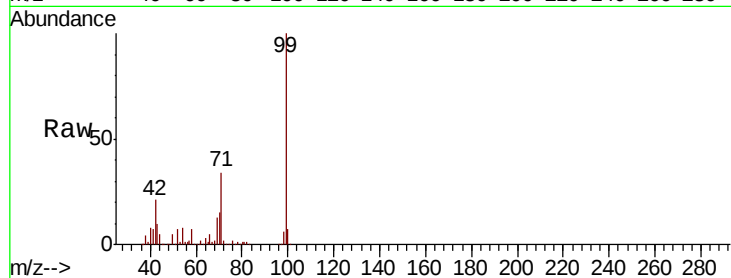
Tot Ion: 99 Resp: 579645

Ion Ratio Lower Upper

99 100

42 20.8 15.9 23.9

71 34.1 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.859 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.13 min

Lab File: BF121892.D

Acq: 8 Oct 2020 16:46

Tgt Ion: 70 Resp: 52976

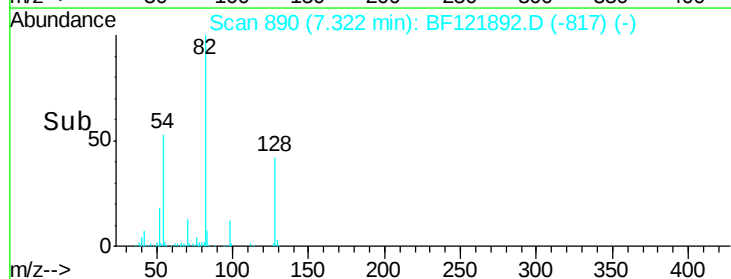
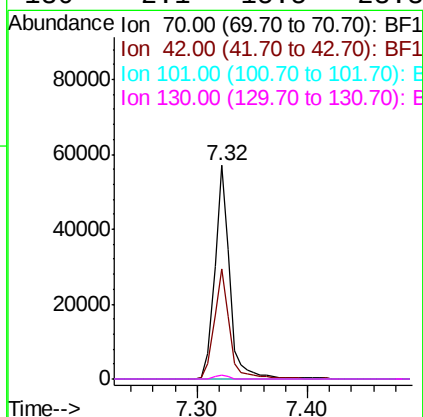
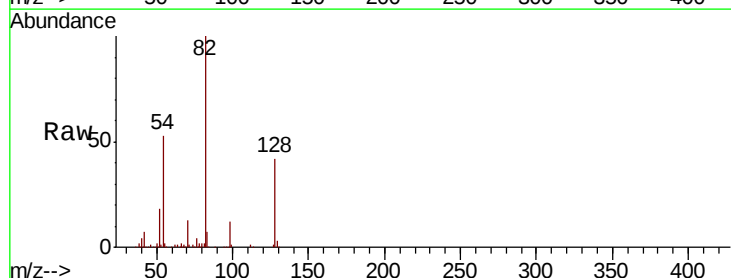
Ion Ratio Lower Upper

70 100

42 51.3 50.2 75.4

101 0.0 7.5 11.3#

130 2.1 15.5 23.3#

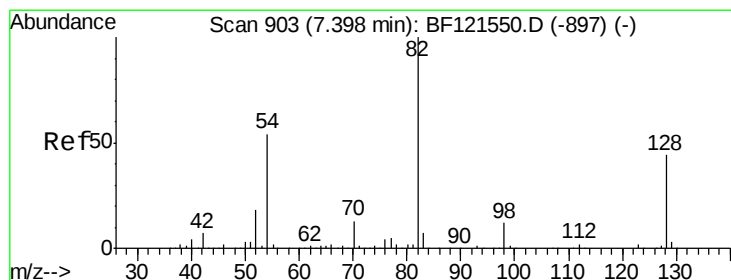
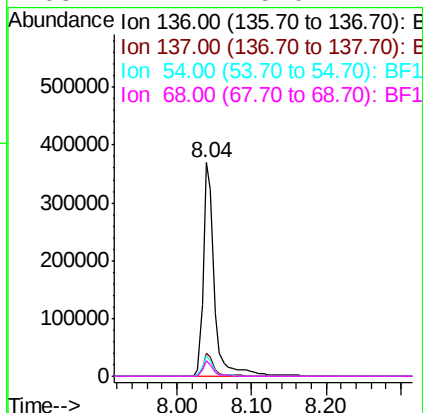
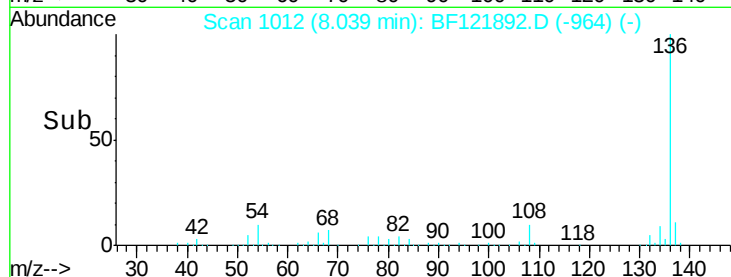
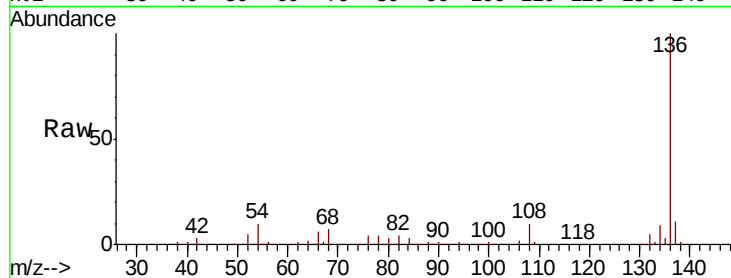




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF121892.D
Acq: 8 Oct 2020 16:46

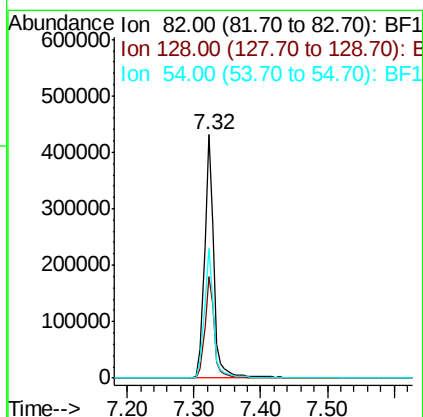
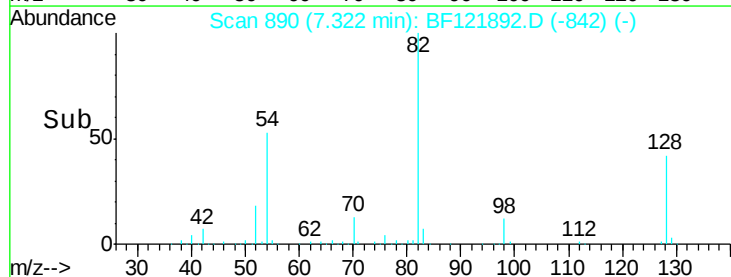
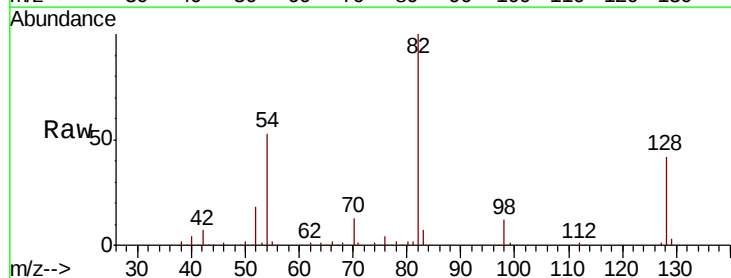
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-B

Tot Ion:136	Resp:	391184
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	9.7	7.1 10.7
68	7.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 56.386 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121892.D
Acq: 8 Oct 2020 16:46

Tgt Ion: 82	Resp:	410814
Ion	Ratio	Lower Upper
82	100	
128	41.7	35.0 52.4
54	53.4	43.9 65.9





#25

Isophorone

Concen: 28.011 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF121892.D

Acq: 8 Oct 2020 16:46

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-B

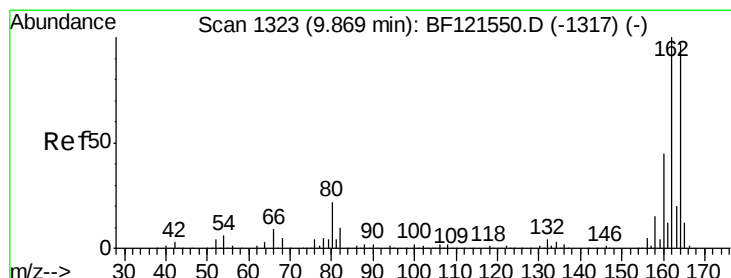
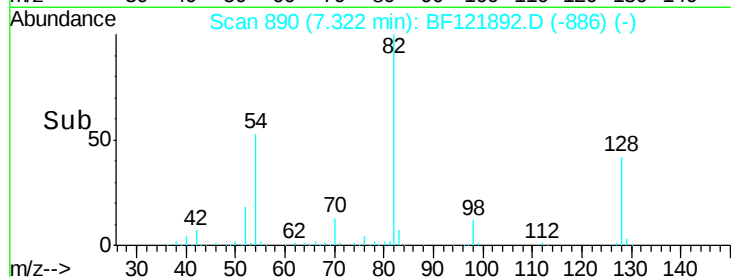
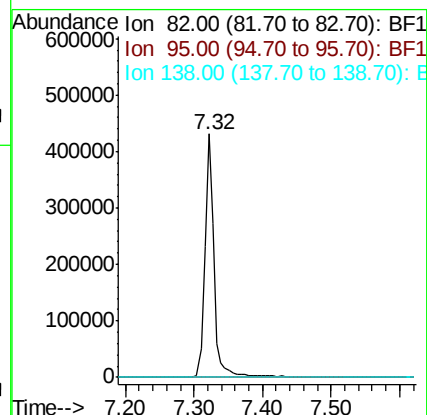
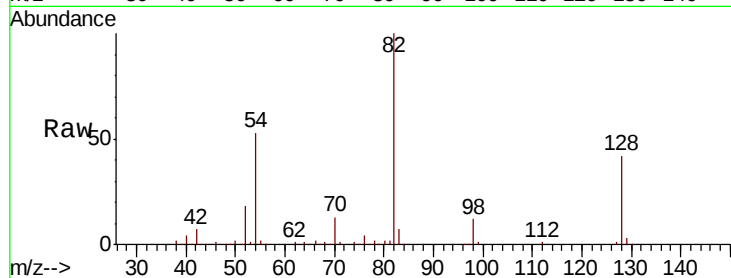
Tot Ion: 82 Resp: 410812

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: BF121892.D

Acq: 8 Oct 2020 16:46

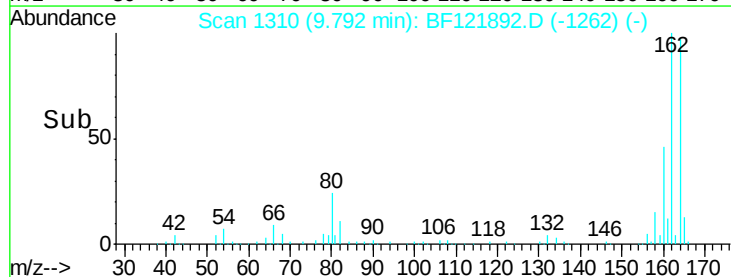
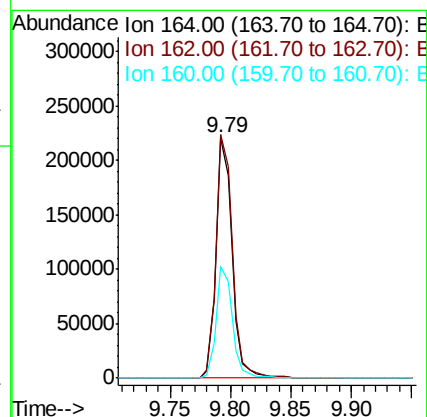
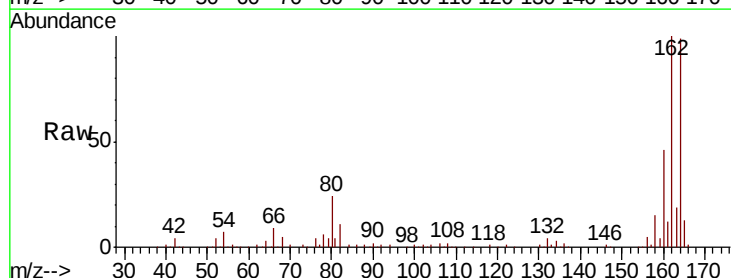
Tgt Ion: 164 Resp: 202831

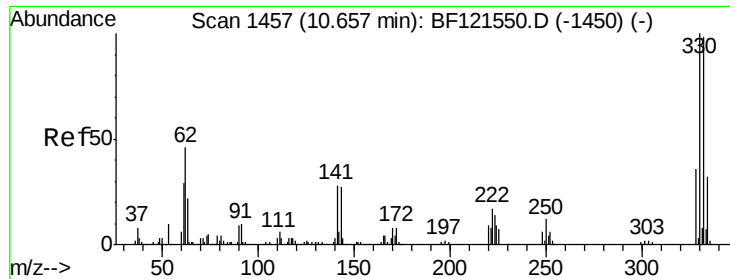
Ion Ratio Lower Upper

164 100

162 101.4 83.2 124.8

160 46.6 37.5 56.3

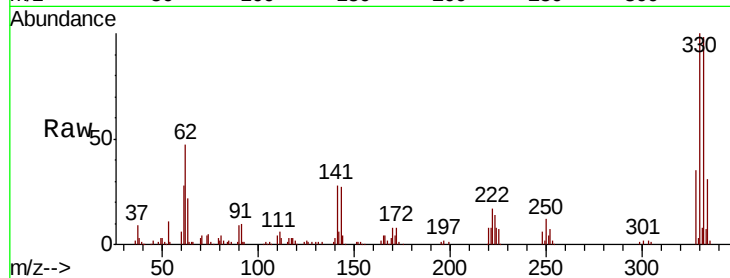




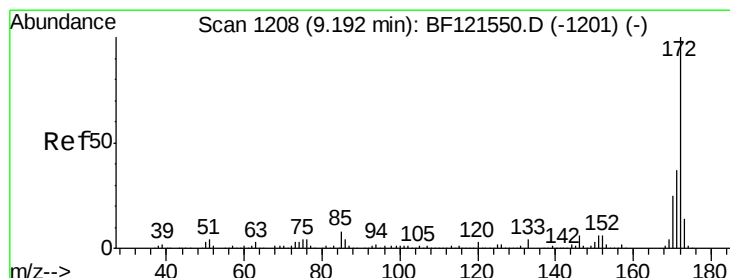
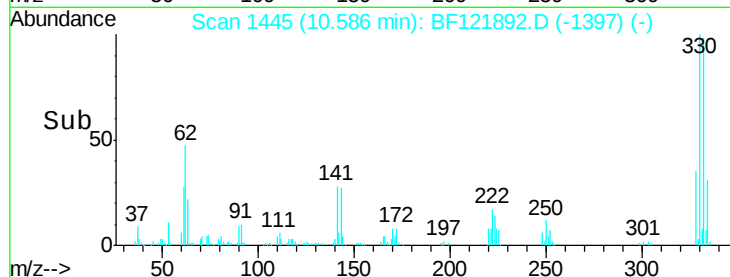
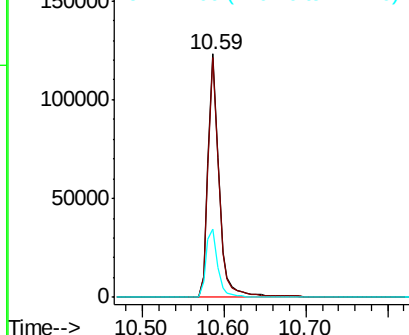
#42
 2,4,6-Tribromophenol
 Concen: 46.207 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121892.D
 Acq: 8 Oct 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	30.7	22.3	33.5

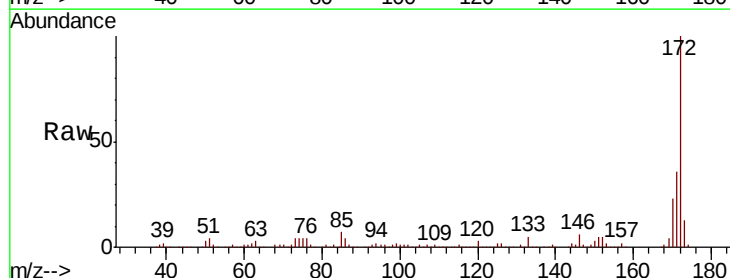


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

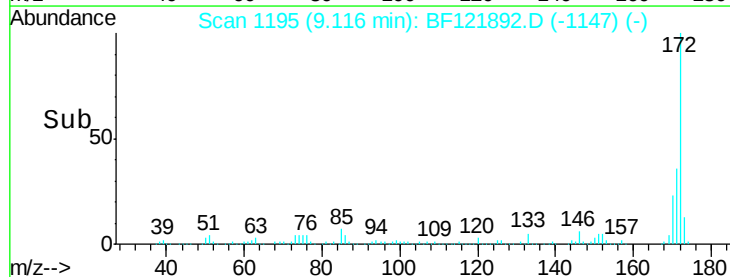
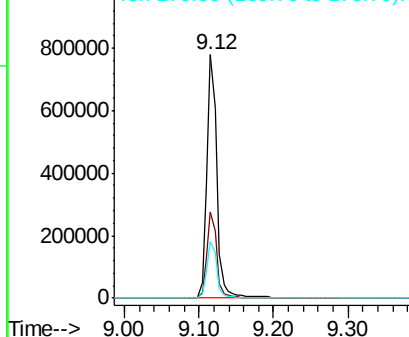


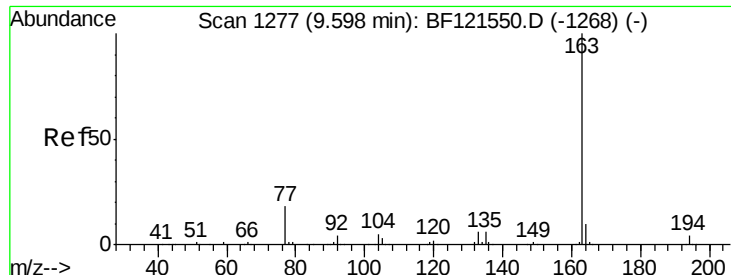
#45
 2-Fluorobiphenyl
 Concen: 55.032 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121892.D
 Acq: 8 Oct 2020 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.1	43.7
170	23.5	19.8	29.6



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





#50

Dimethylphthalate

Concen: 3.657 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121892.D

Acq: 8 Oct 2020 16:46

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-B

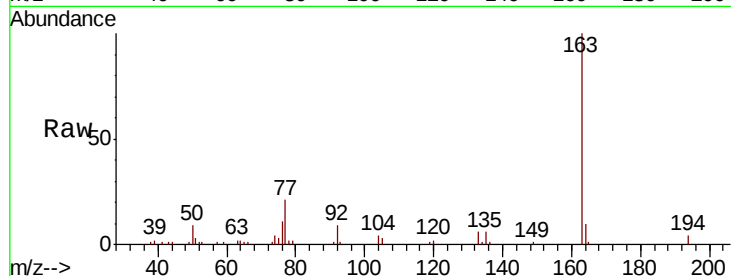
Tot Ion:163 Resp: 53764

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

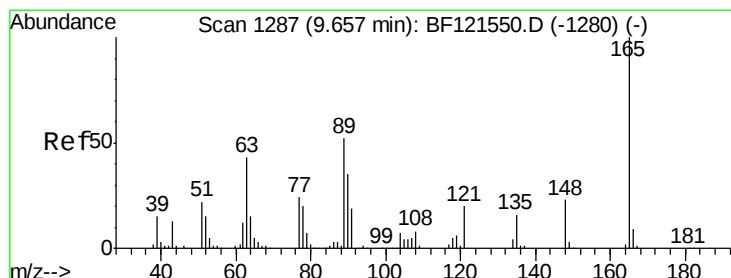
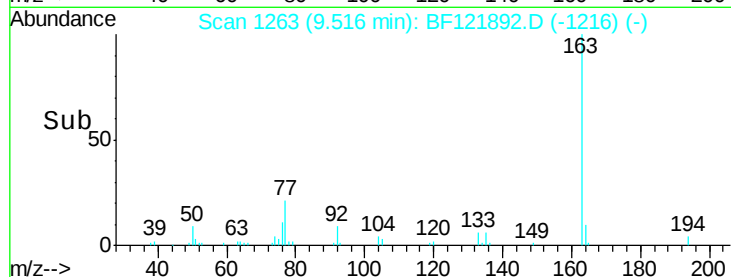
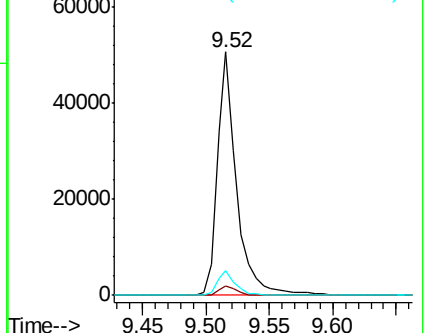
164 10.4 8.2 12.4



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



#51

2,6-Dinitrotoluene

Concen: 8.207 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.19 min

Lab File: BF121892.D

Acq: 8 Oct 2020 16:46

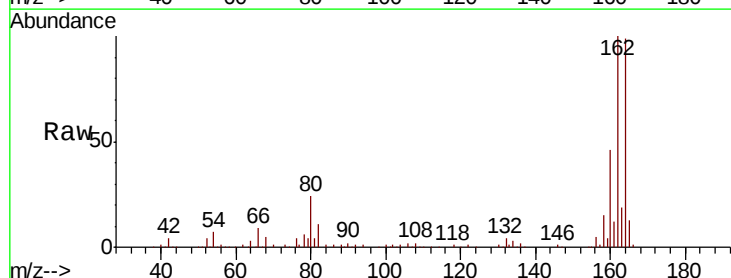
Tgt Ion:165 Resp: 25696

Ion Ratio Lower Upper

165 100

63 1.0 51.8 77.6#

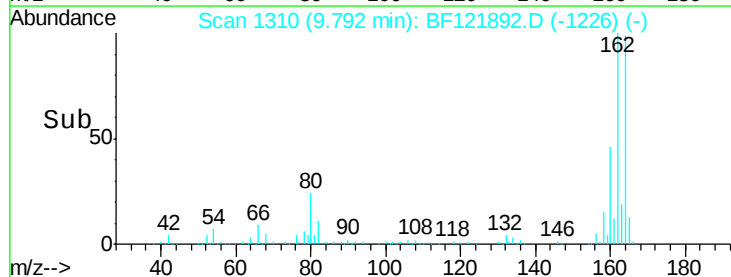
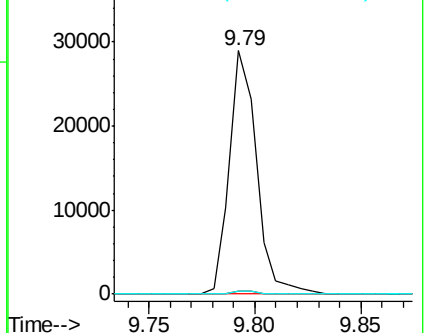
89 1.3 49.0 73.6#

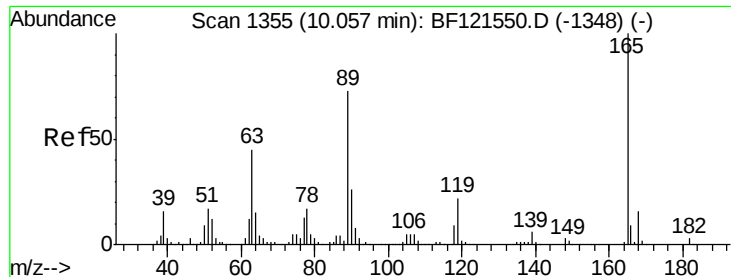


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

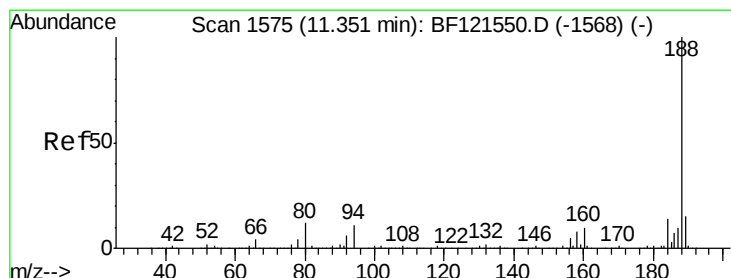
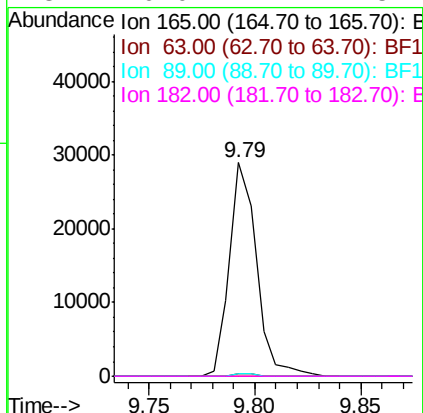
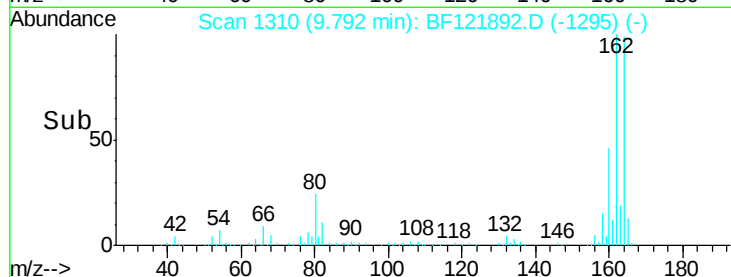
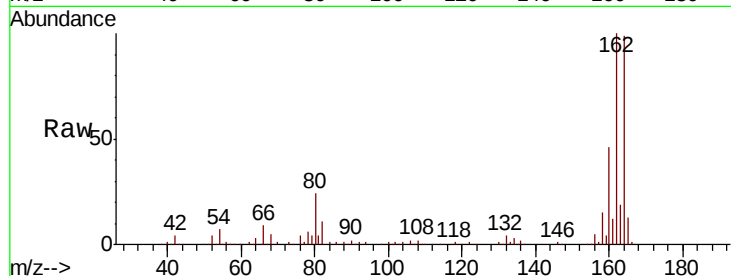




#57
 2,4-Dinitrotoluene
 Concen: 6.524 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.21 min
 Lab File: BF121892.D
 Acq: 8 Oct 2020 16:46

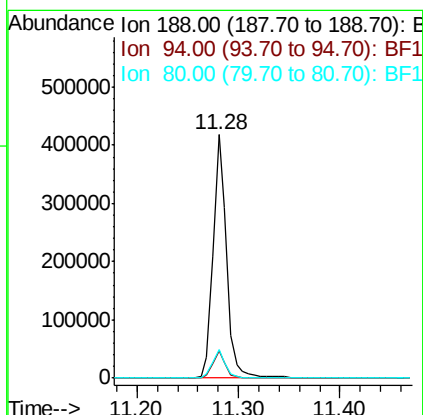
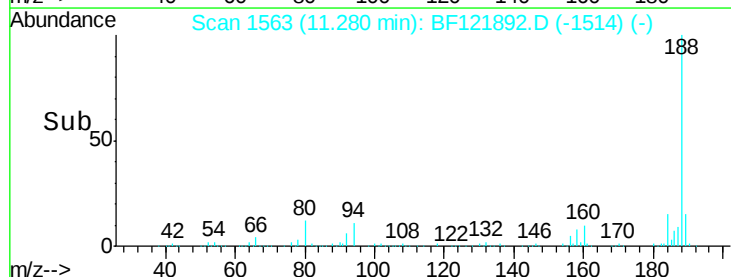
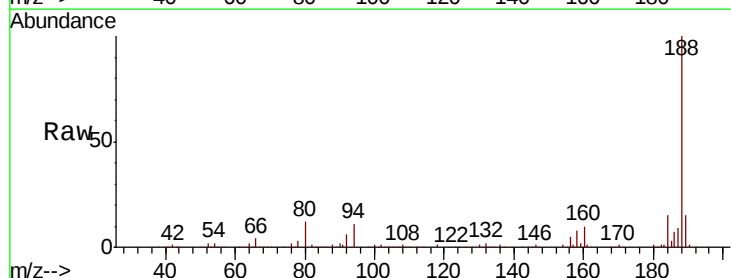
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-B

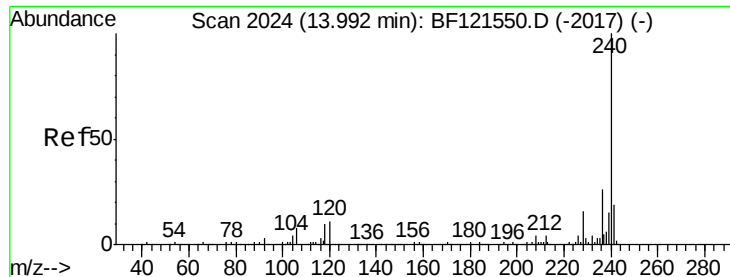
Tot Ion:165	Resp:	25696
Ion Ratio	Lower	Upper
165	100	
63	1.0	41.3 61.9#
89	1.3	61.8 92.8#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121892.D
 Acq: 8 Oct 2020 16:46

Tgt Ion:188	Resp:	387556
Ion Ratio	Lower	Upper
188	100	
94	11.1	8.3 12.5
80	11.7	9.1 13.7

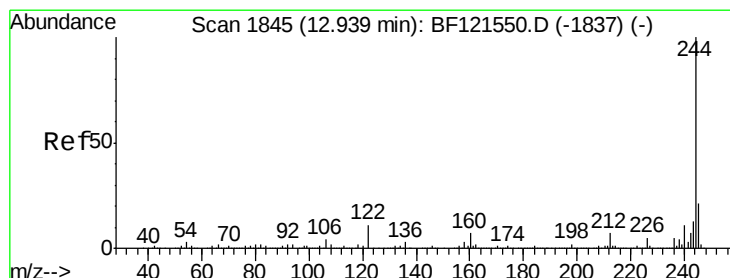
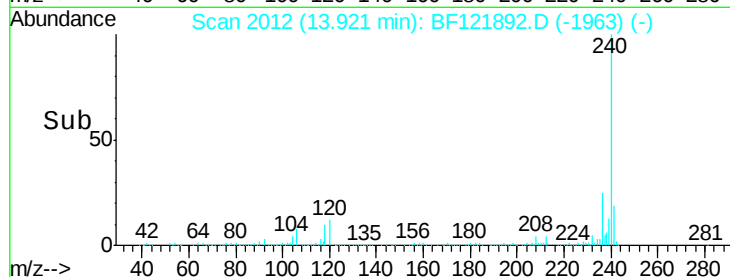
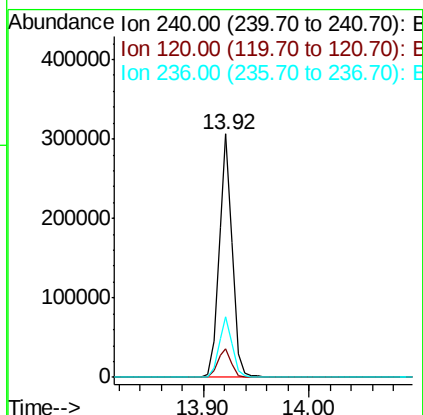
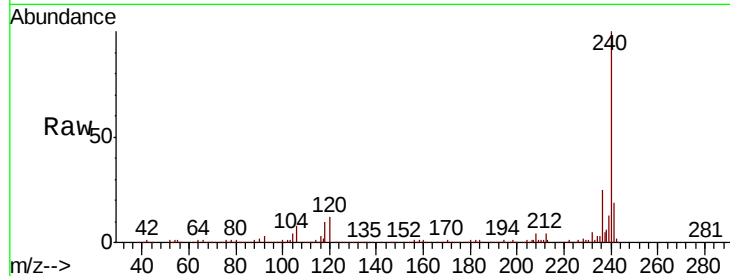




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121892.D
Acq: 8 Oct 2020 16:46

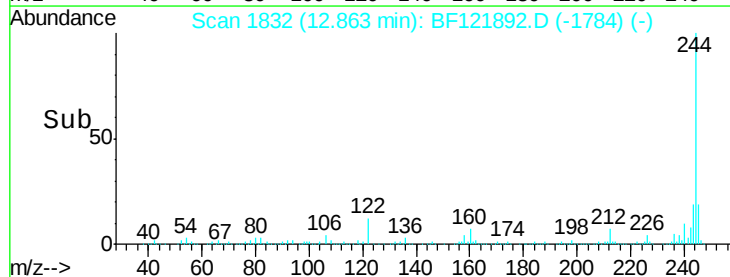
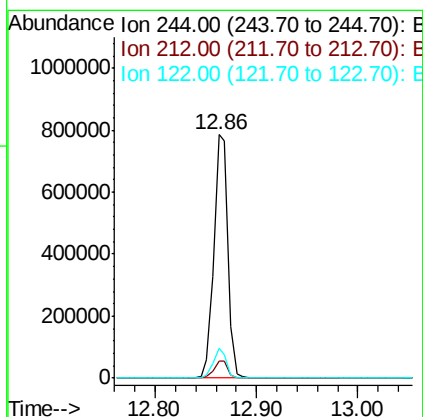
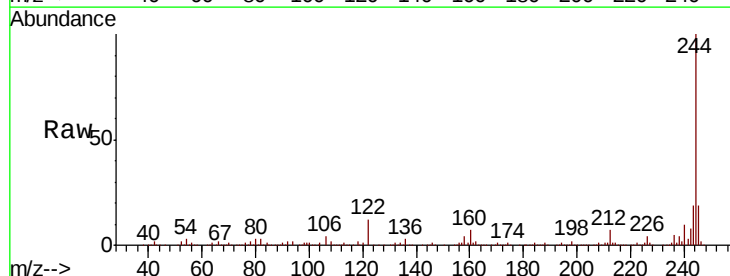
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-B

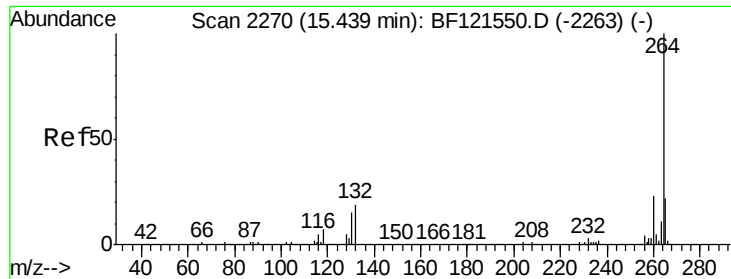
Tot Ion:240 Resp: 268710
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.0 20.9 31.3



#79
Terphenyl-d14
Concen: 56.878 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121892.D
Acq: 8 Oct 2020 16:46

Tgt Ion:244 Resp: 754420
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 12.3 8.1 12.1#

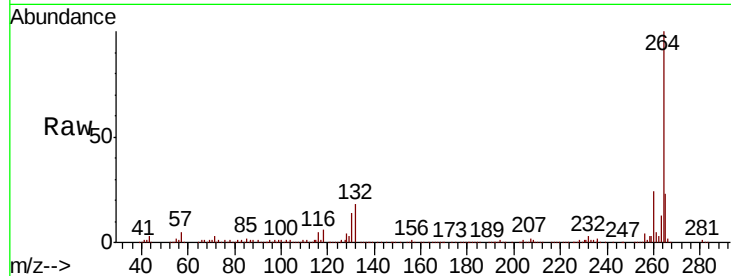




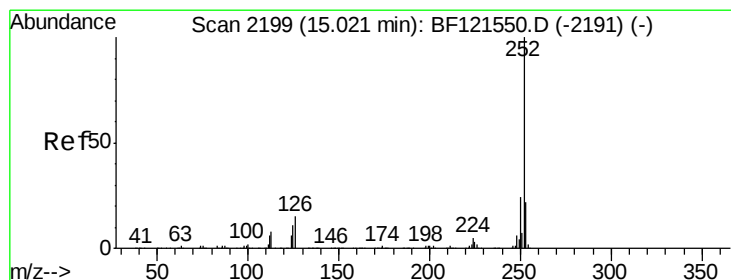
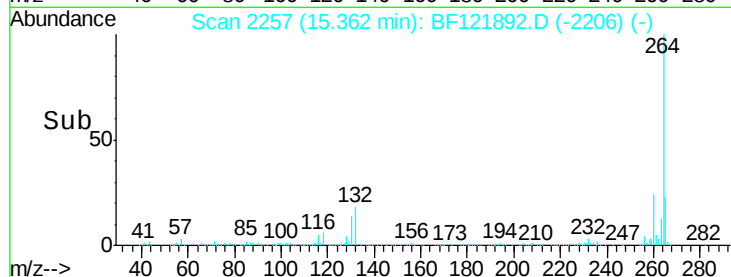
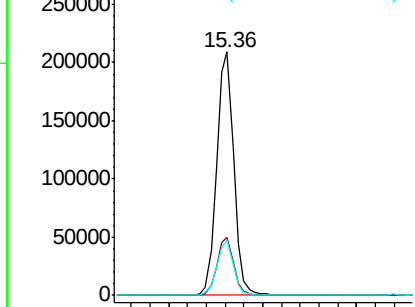
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121892.D
Acq: 8 Oct 2020 16:46

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-B

Tot Ion:264 Resp: 267833
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.7 17.3 25.9

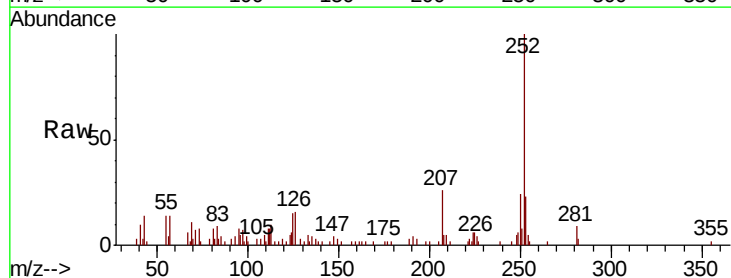


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

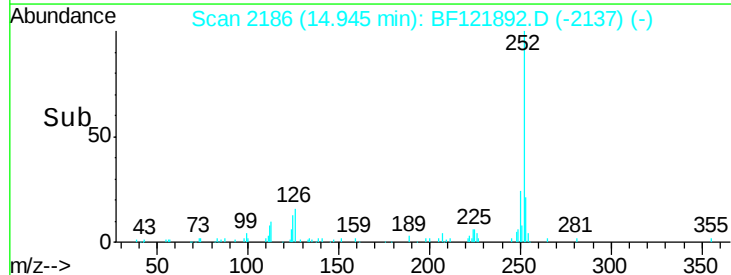
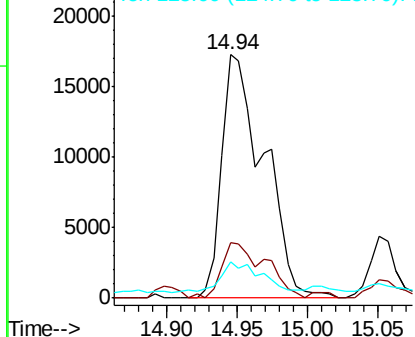


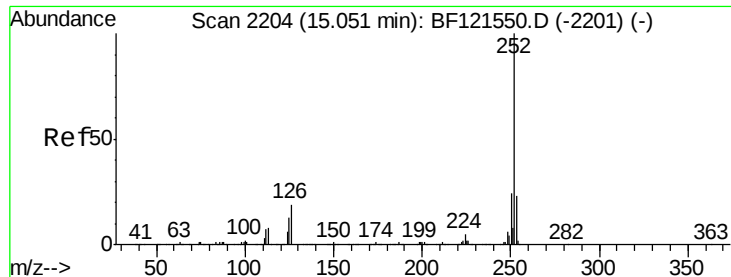
#88
Benzo(b)fluoranthene
Concen: 2.022 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF121892.D
Acq: 8 Oct 2020 16:46

Tgt Ion:252 Resp: 36199
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 15.1 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.208 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.04 min

Lab File: BF121892.D

Acq: 8 Oct 2020 16:46

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-B

Tot Ion: 252 Resp: 36199

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 15.1 7.7 11.5#

