

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121887.D
 Acq On : 8 Oct 2020 14:08
 Operator : JU/CG
 Sample : L4309-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 08 14:55:30 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

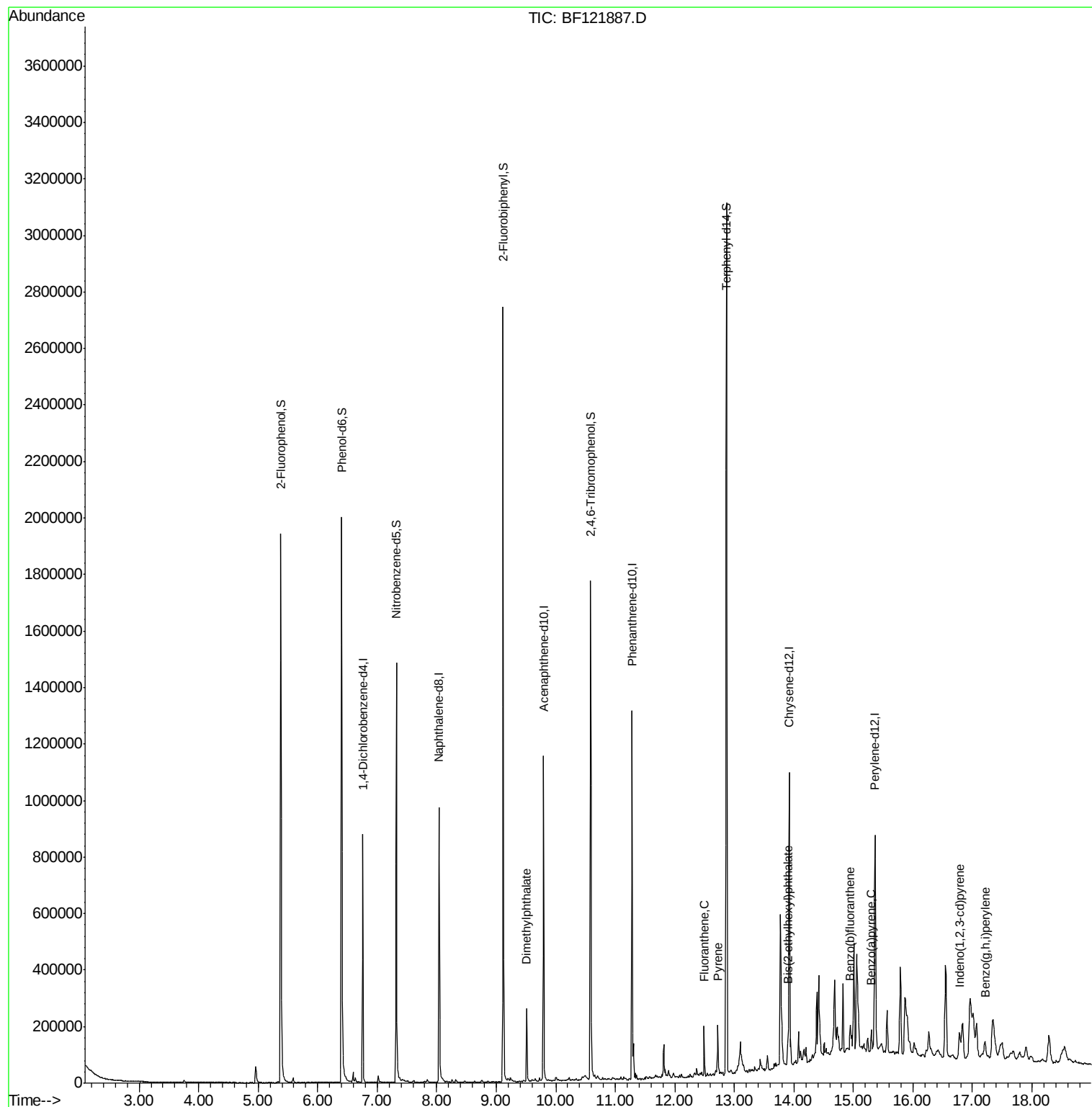
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	112527	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	453441	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	238657	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	445095	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	327434	20.00	ng	-0.01
86) Perylene-d12	15.36	264	291142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	551464	72.83	ng	0.00
7) Phenol-d6	6.40	99	715191	72.00	ng	-0.01
23) Nitrobenzene-d5	7.32	82	491235	58.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	218938	73.81	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	889693	56.46	ng	-0.02
79) Terphenyl-d14	12.87	244	953803	59.01	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.52	163	104897	6.064	ng	99
75) Fluoranthene	12.49	202	66765	2.579	ng	99
78) Pyrene	12.72	202	62919	2.630	ng	96
84) Bis(2-ethylhexyl)phthalate	13.90	149	30068	2.326	ng	97
87) Indeno(1,2,3-cd)pyrene	16.78	276	45921	2.422	ng	97
88) Benzo(b)fluoranthene	14.95	252	46008	2.364	ng	# 95
90) Benzo(a)pyrene	15.30	252	36405	2.200	ng	# 97
92) Benzo(g,h,i)perylene	17.21	276	45322	2.921	ng	98

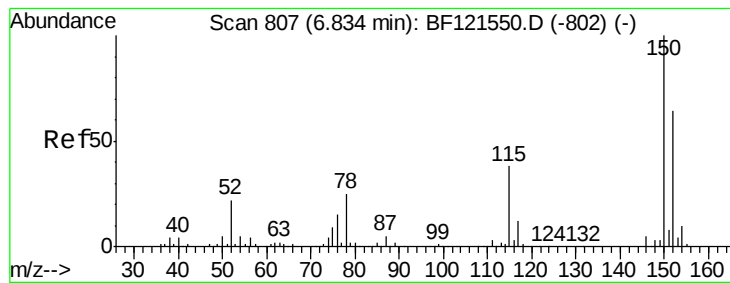
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121887.D
Acq On : 8 Oct 2020 14:08
Operator : JU/CG
Sample : L4309-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 08 14:55:30 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



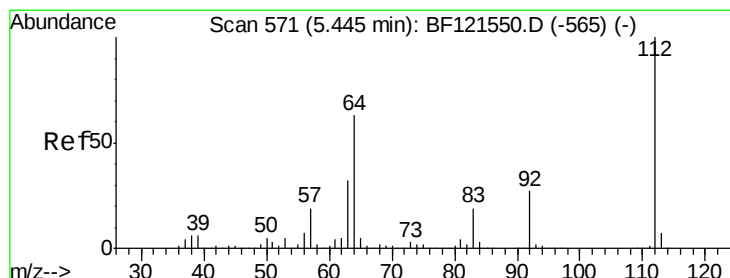
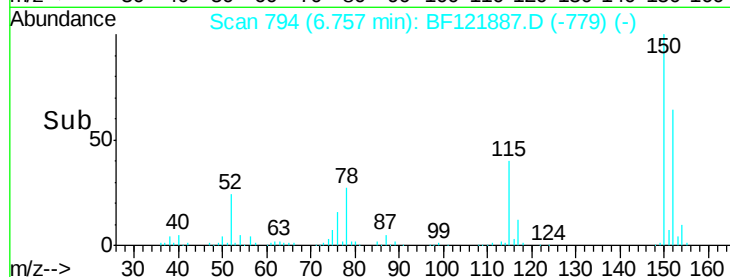
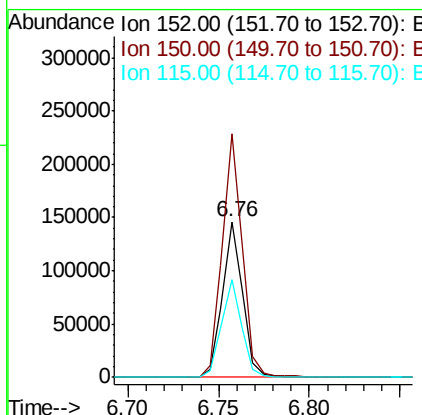
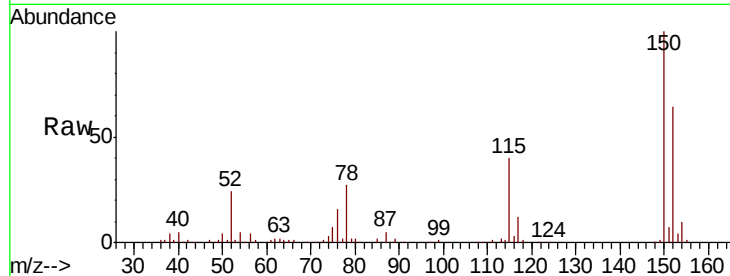


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121887.D
 Acq: 8 Oct 2020 14:08

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

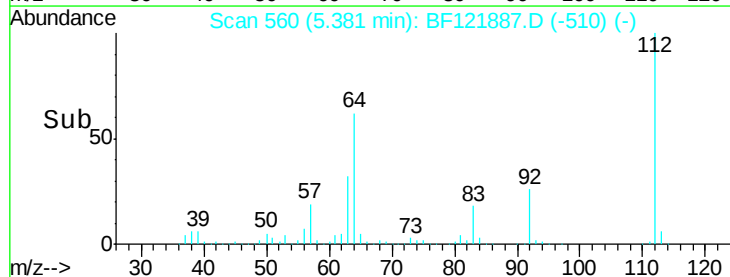
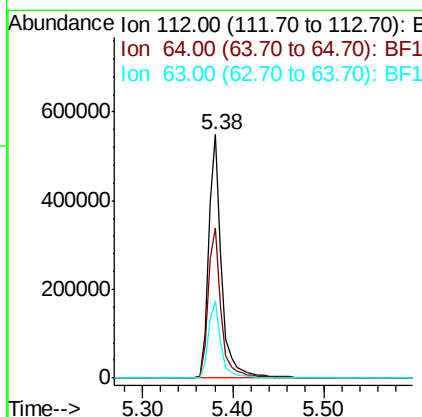
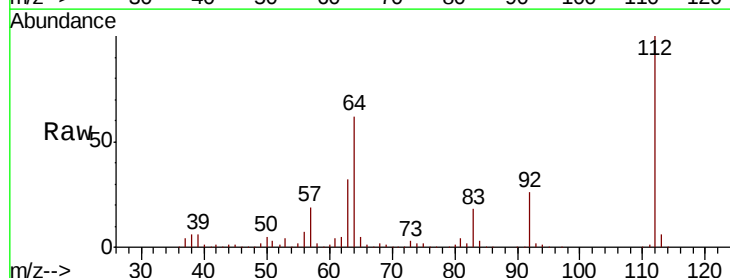
Tot Ion:152 Resp: 112527
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.3 187.9
 115 62.3 51.9 77.9



#5

2-Fluorophenol
 Concen: 72.831 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121887.D
 Acq: 8 Oct 2020 14:08

Tgt Ion:112 Resp: 551464
 Ion Ratio Lower Upper
 112 100
 64 61.9 50.4 75.6
 63 31.6 25.8 38.6





#7

Phenol-d6

Concen: 71.996 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121887.D

Acq: 8 Oct 2020 14:08

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-02-A

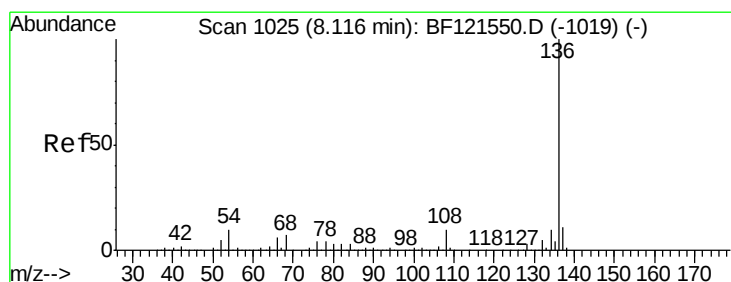
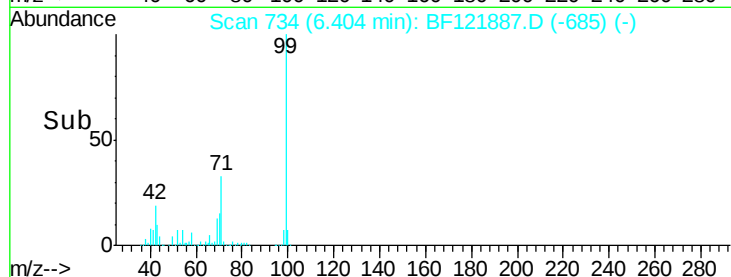
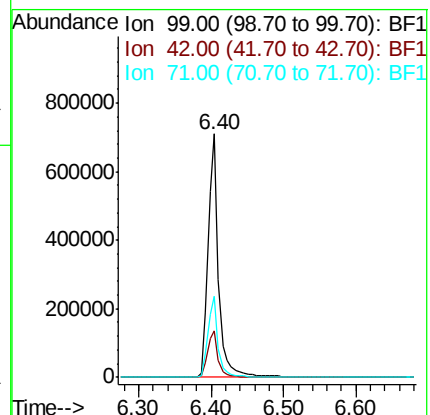
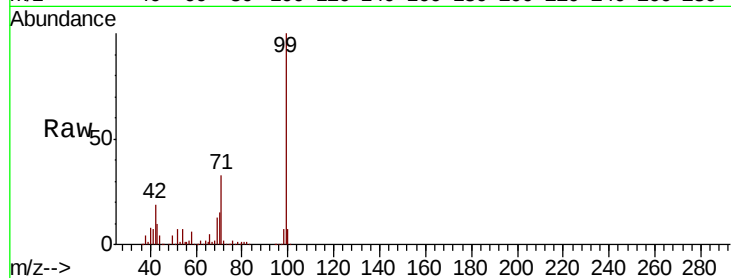
Tot Ion: 99 Resp: 715191

Ion Ratio Lower Upper

99 100

42 19.3 15.9 23.9

71 33.1 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: BF121887.D

Acq: 8 Oct 2020 14:08

Tgt Ion: 136 Resp: 453441

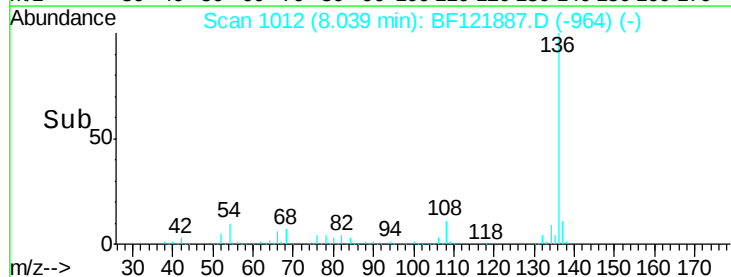
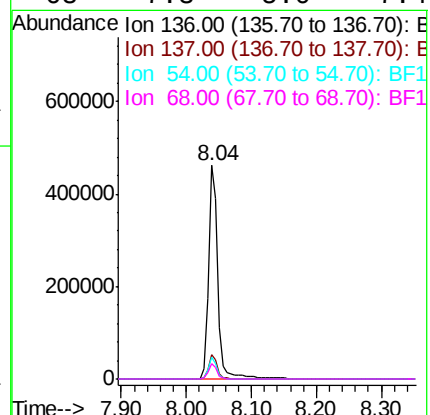
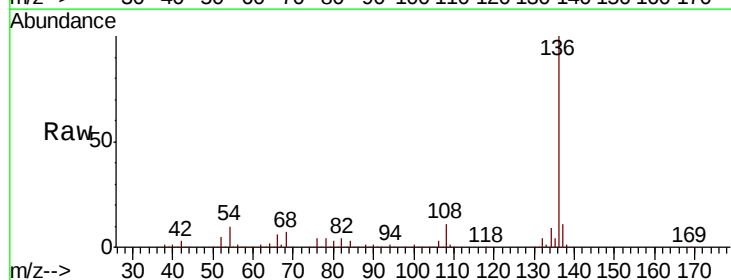
Ion Ratio Lower Upper

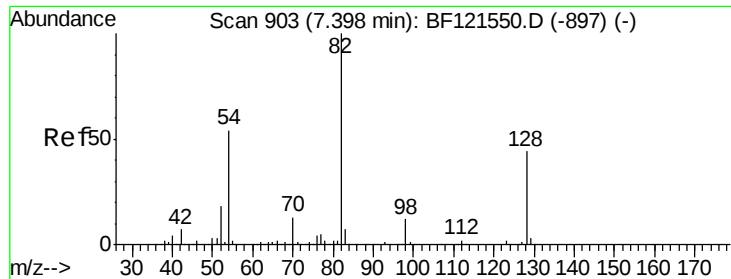
136 100

137 11.1 8.6 13.0

54 10.2 7.1 10.7

68 7.3 5.0 7.4

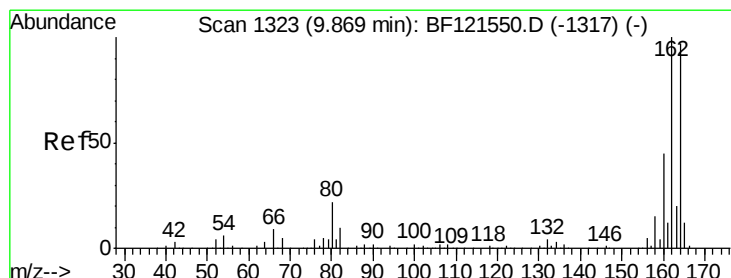
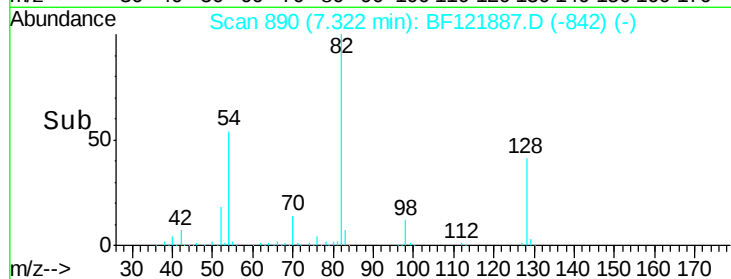
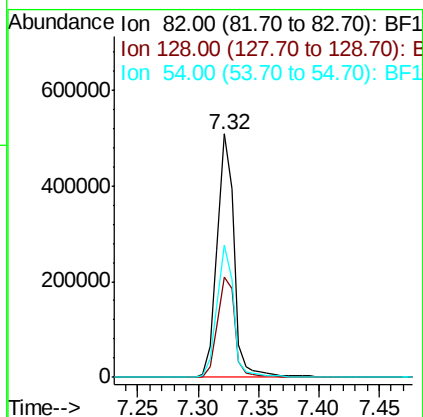
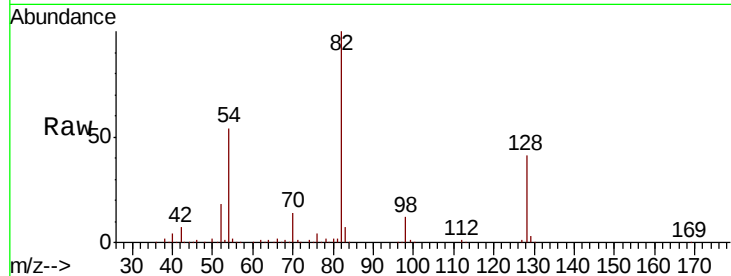




#23
 Nitrobenzene-d5
 Concen: 58.167 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF121887.D
 Acq: 8 Oct 2020 14:08

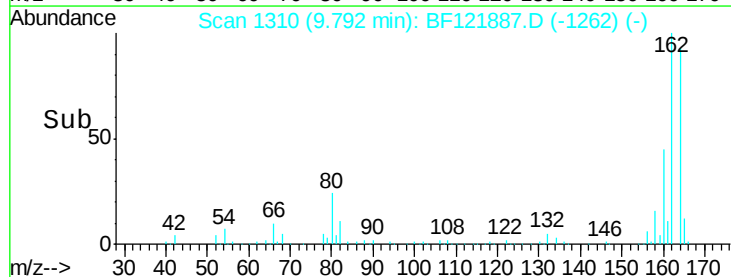
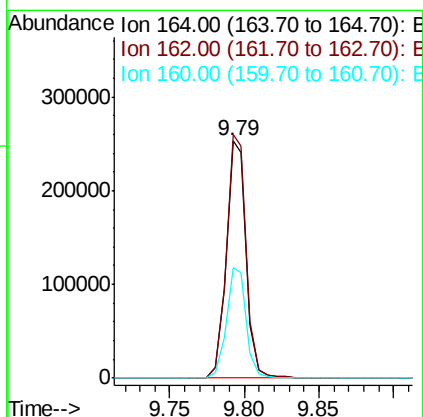
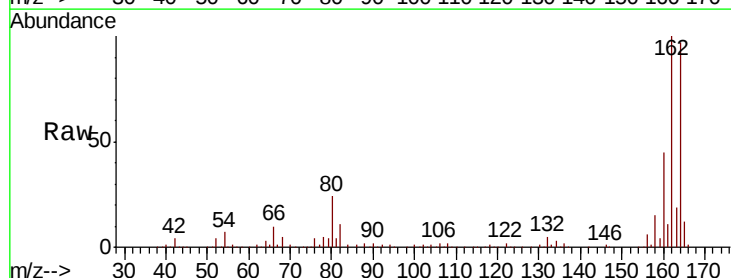
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-02-A

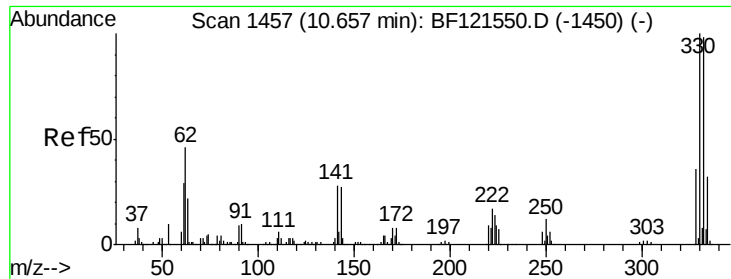
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.0	52.4
54	54.4	43.9	65.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF121887.D
 Acq: 8 Oct 2020 14:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.2	124.8
160	46.3	37.5	56.3

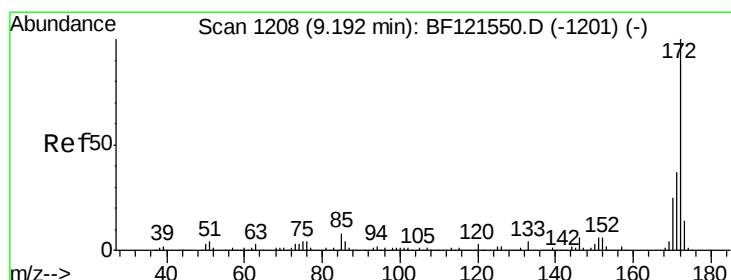
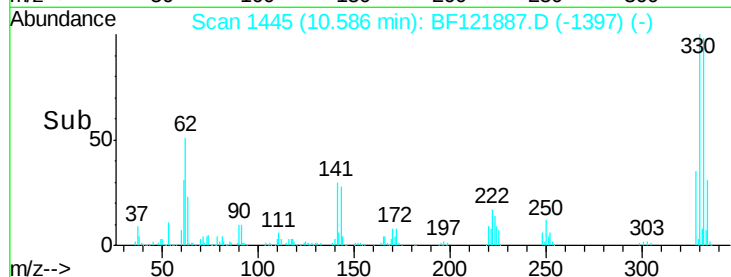
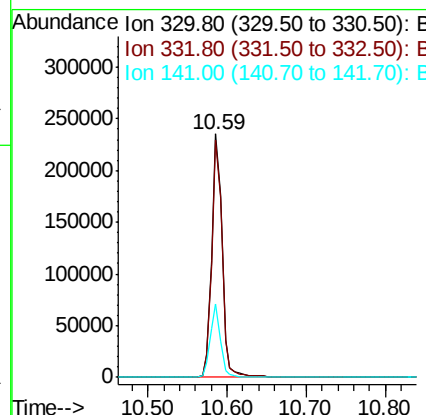
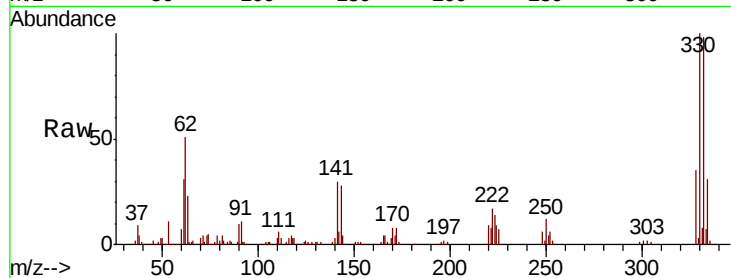




#42
 2,4,6-Tribromophenol
 Concen: 73.811 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121887.D
 Acq: 8 Oct 2020 14:08

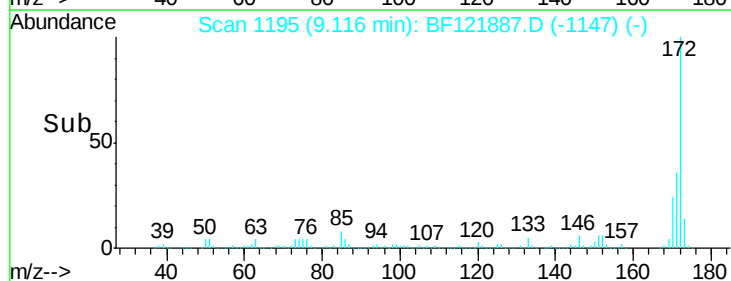
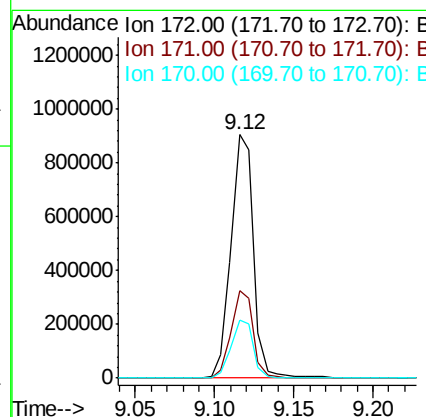
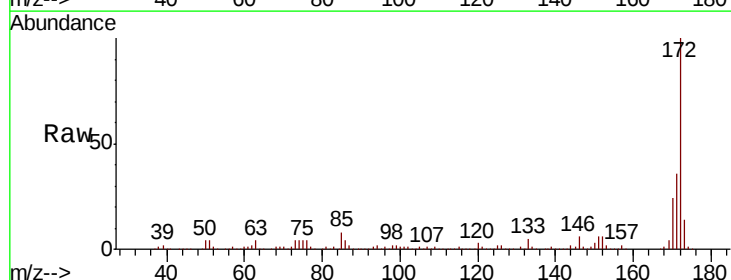
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-02-A

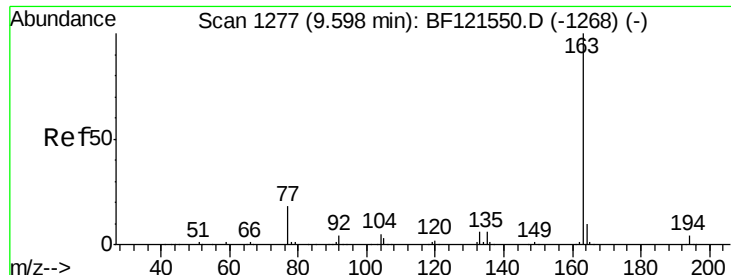
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	29.7	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 56.460 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121887.D
 Acq: 8 Oct 2020 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.1	43.7
170	23.8	19.8	29.6

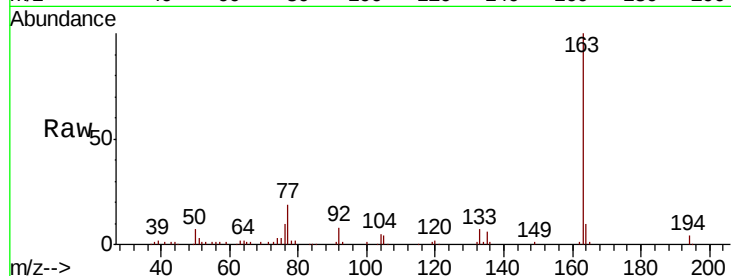




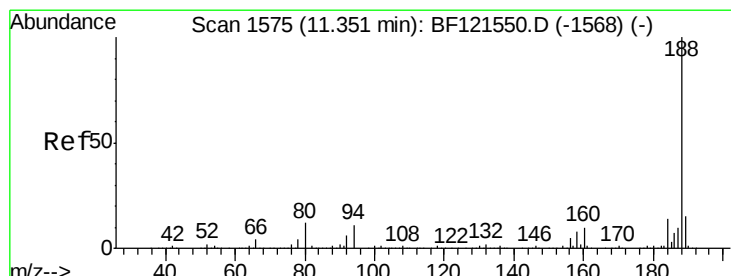
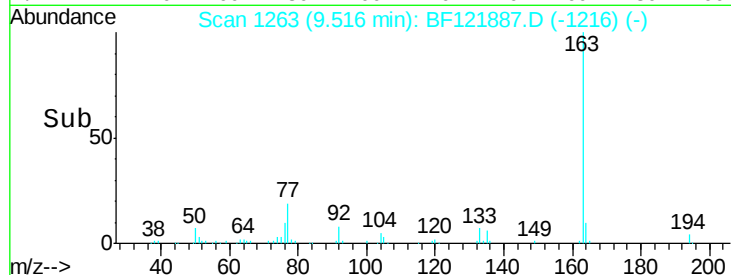
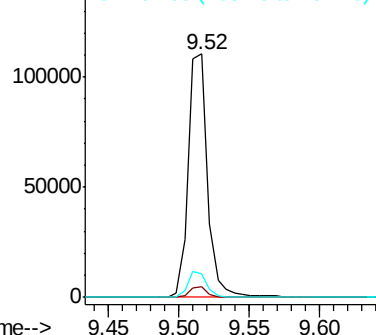
#50
Dimethylphthalate
Concen: 6.064 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121887.D
Acq: 8 Oct 2020 14:08

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	8.2	12.4

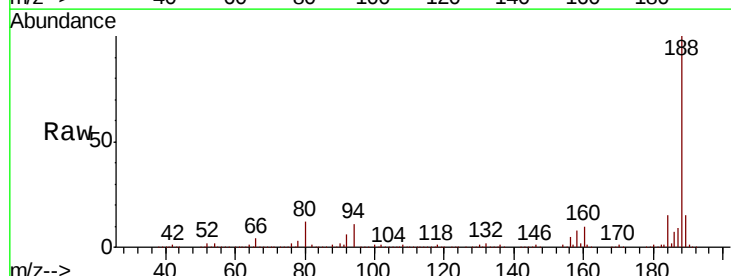


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

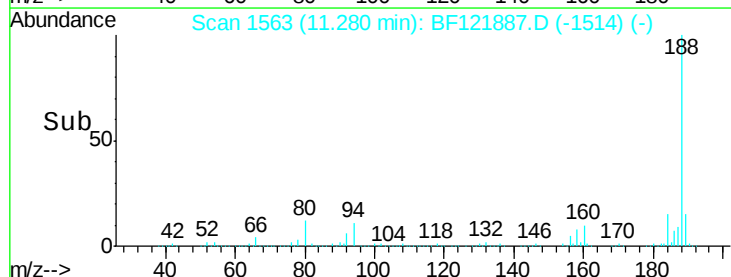
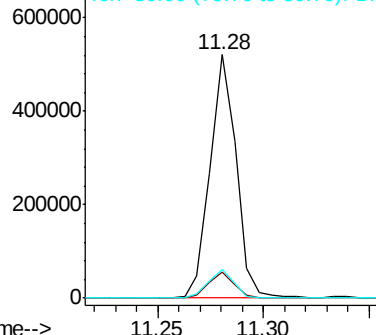


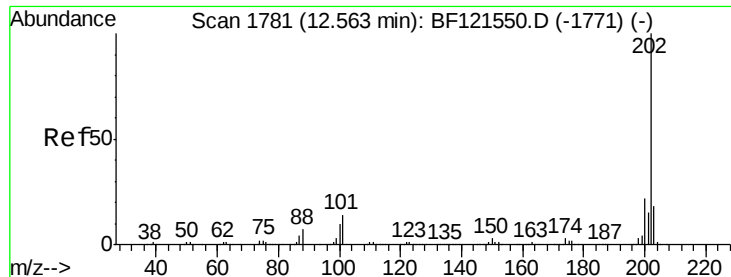
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121887.D
Acq: 8 Oct 2020 14:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.3	12.5
80	11.8	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





#75

Fluoranthene

Concen: 2.579 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF121887.D

Acq: 8 Oct 2020 14:08

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-02-A

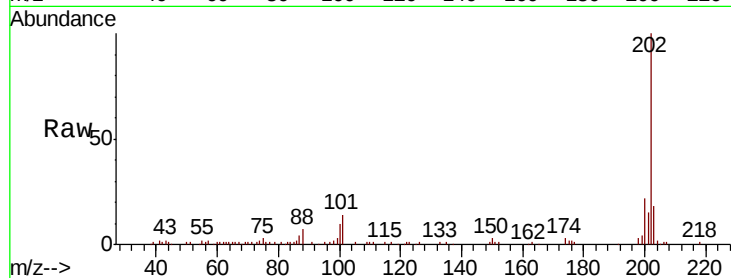
Tot Ion:202 Resp: 66765

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.4

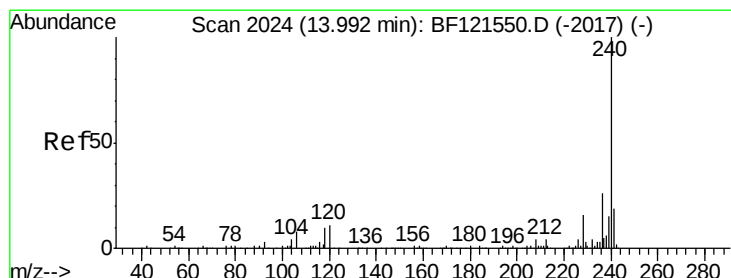
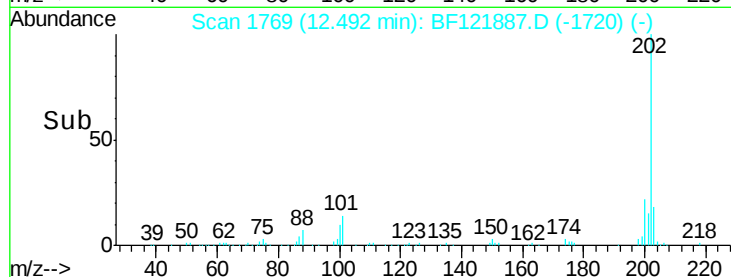
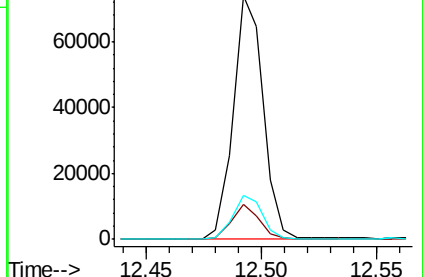
203 18.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121887.D

Acq: 8 Oct 2020 14:08

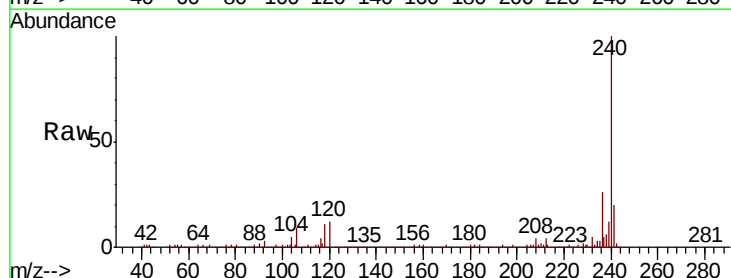
Tgt Ion:240 Resp: 327434

Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

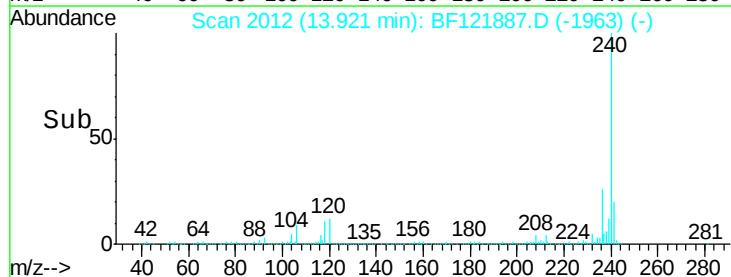
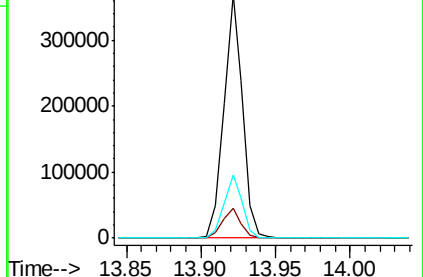
236 25.7 20.9 31.3

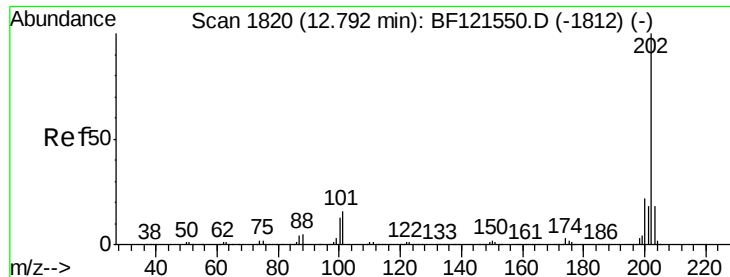


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

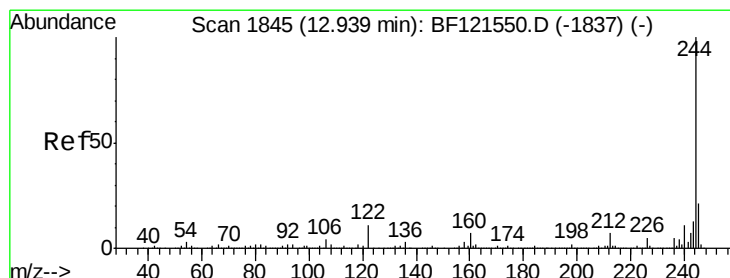
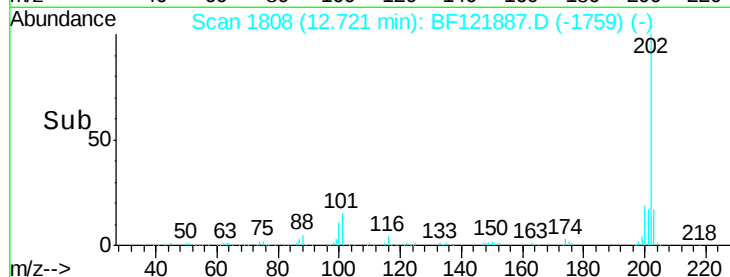
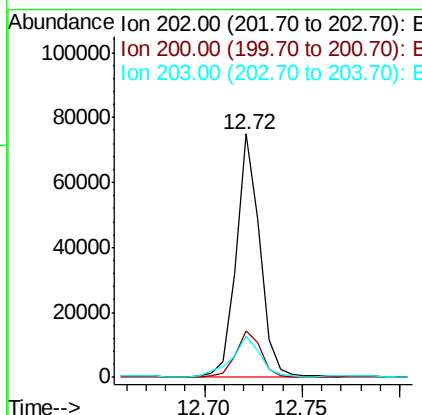
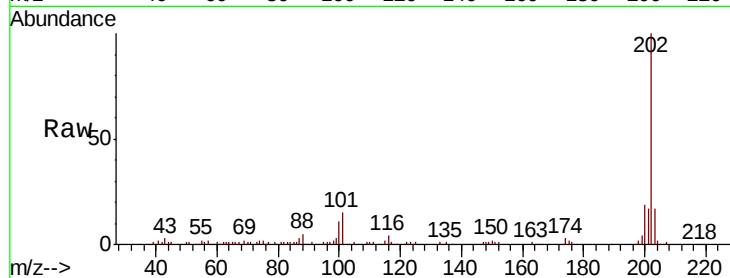




#78
Pvrene
Concen: 2.630 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121887.D
Acq: 8 Oct 2020 14:08

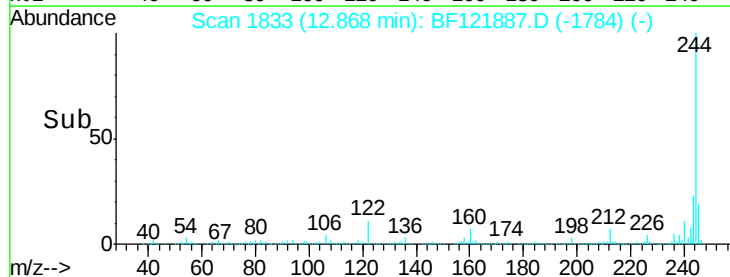
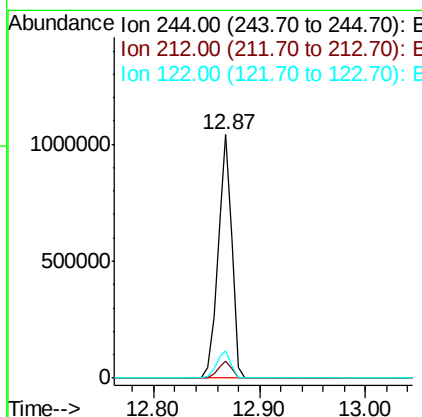
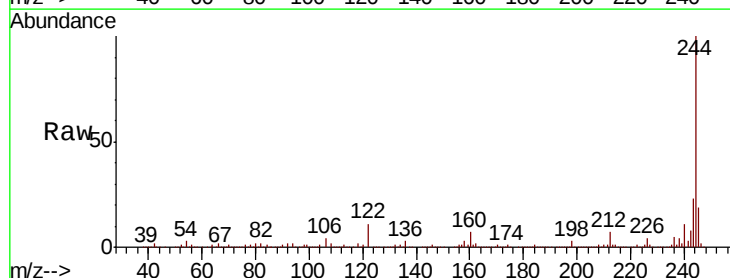
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-02-A

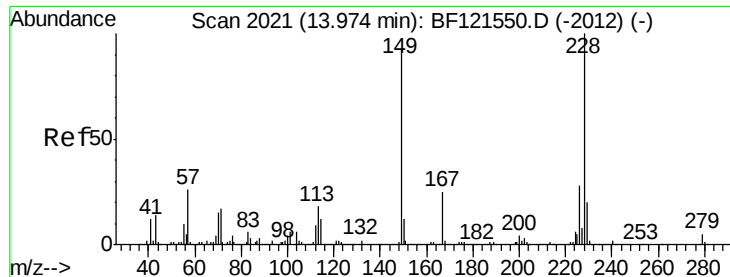
Tot Ion:202 Resp: 62919
Ion Ratio Lower Upper
202 100
200 19.2 17.4 26.2
203 17.0 14.6 21.8



#79
Terphenyl-d14
Concen: 59.014 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121887.D
Acq: 8 Oct 2020 14:08

Tgt Ion:244 Resp: 953803
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.3 8.1 12.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.326 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF121887.D

Acq: 8 Oct 2020 14:08

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-02-A

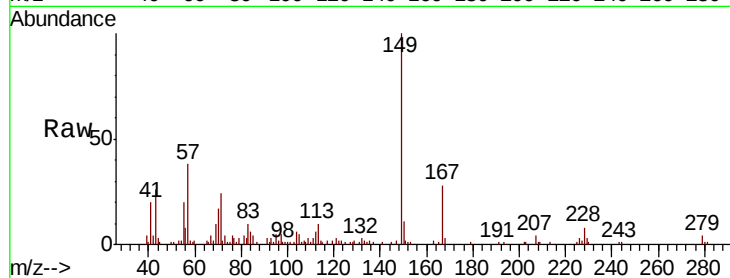
Tot Ion:149 Resp: 30068

Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

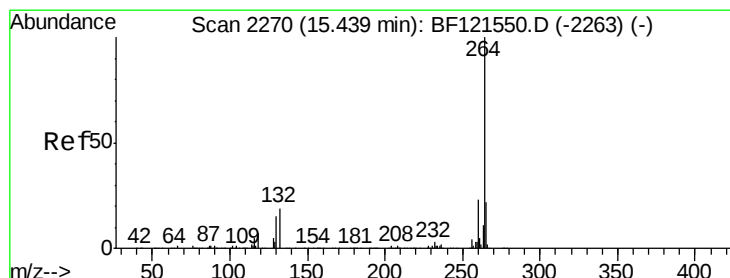
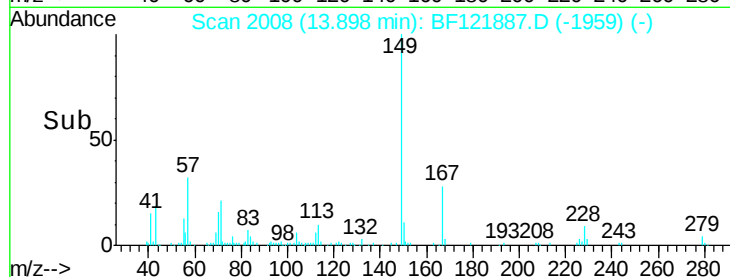
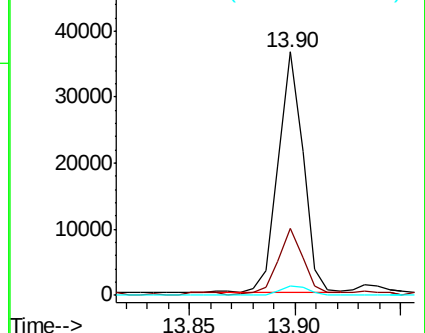
279 3.8 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BF121887.D

Acq: 8 Oct 2020 14:08

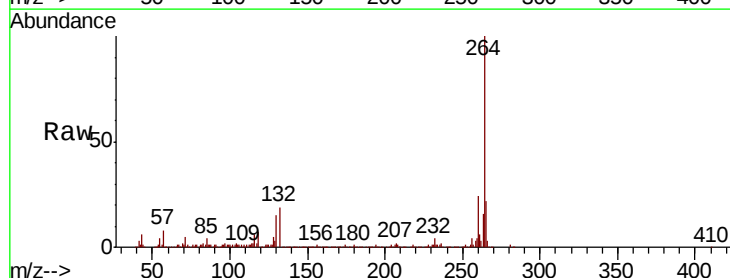
Tgt Ion:264 Resp: 291142

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

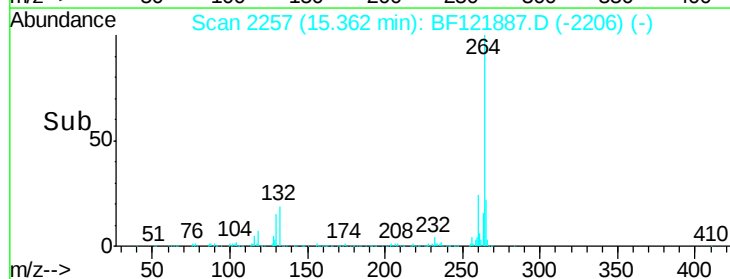
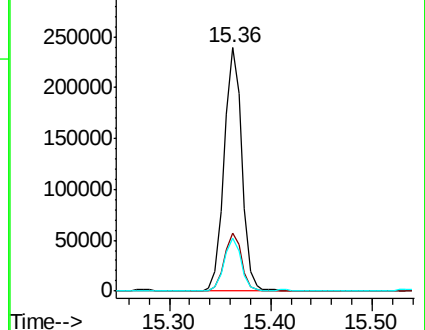
265 21.6 17.3 25.9

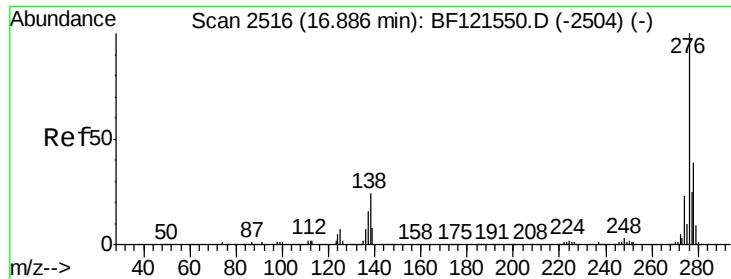


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

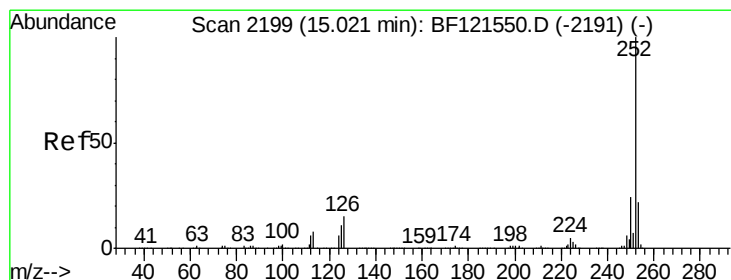
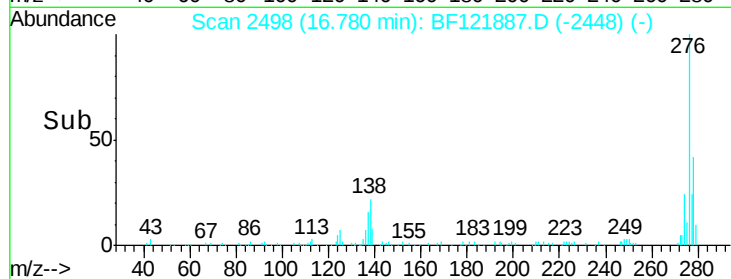
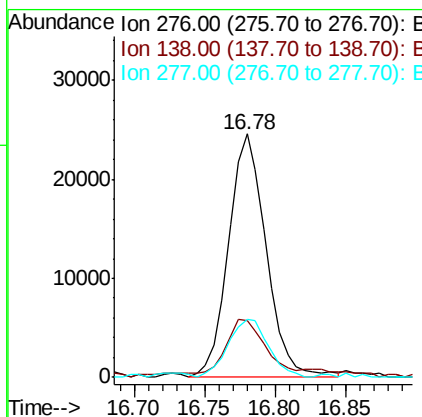
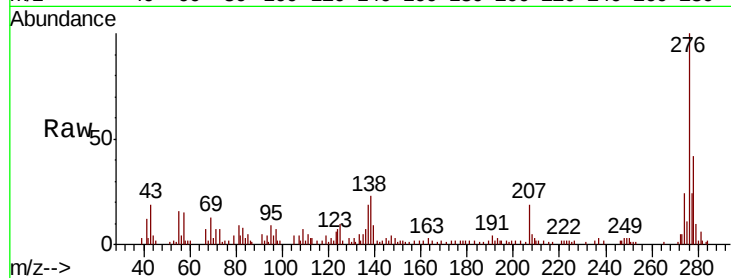




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.422 ng
 RT: 16.78 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BF121887.D
 Acq: 8 Oct 2020 14:08

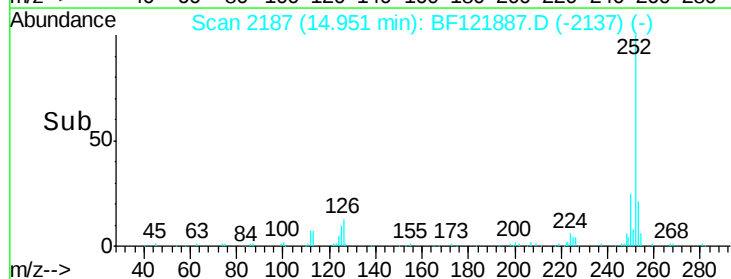
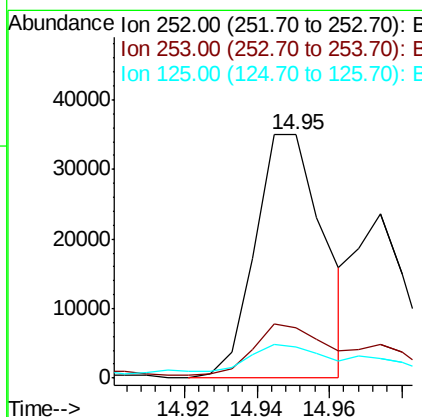
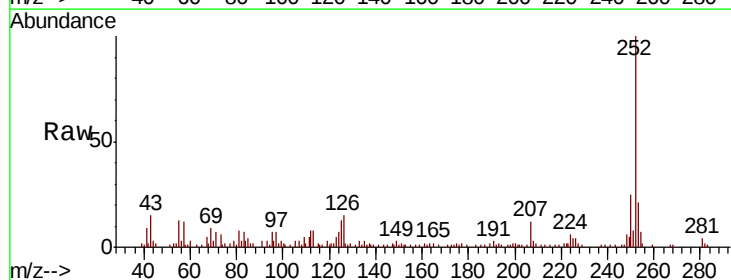
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-02-A

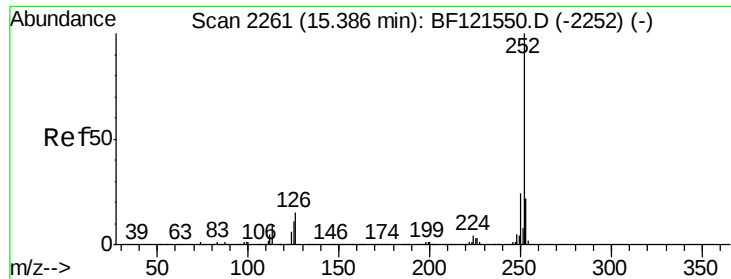
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	19.9	29.9
277	25.5	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 2.364 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121887.D
 Acq: 8 Oct 2020 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.2	27.2
125	13.0	8.0	12.0

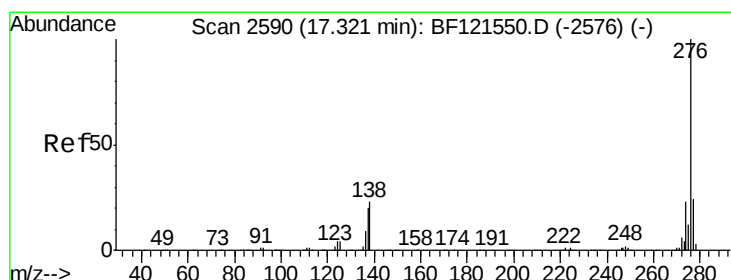
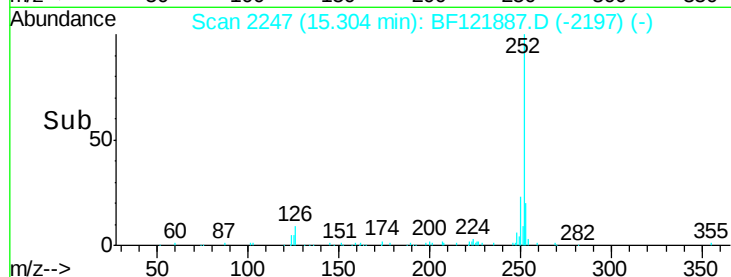
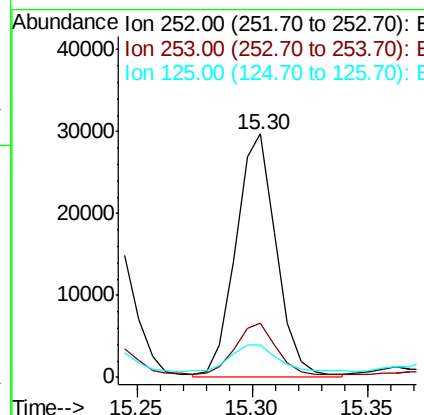
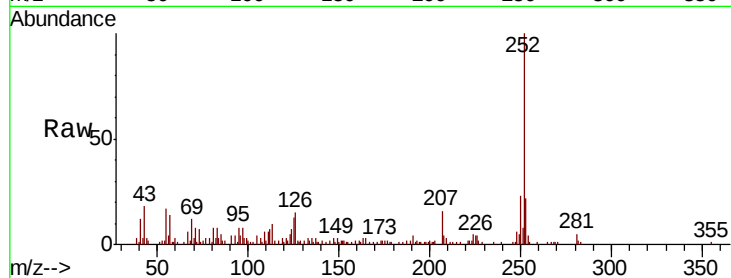




#90
Benzo(a)pyrene
Concen: 2.200 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121887.D
Acq: 8 Oct 2020 14:08

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

Tot Ion:252 Resp: 36405
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 13.2 8.6 13.0#



#92
Benzo(g,h,i)perylene
Concen: 2.921 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BF121887.D
Acq: 8 Oct 2020 14:08

Tgt Ion:276 Resp: 45322
Ion Ratio Lower Upper
276 100
277 25.5 19.4 29.2
138 23.2 17.8 26.6

