

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003584.D
 Acq On : 08 Oct 2020 22:21
 Operator : CG/JU
 Sample : L4309-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OWLS-HEAD-BH-05-A

Quant Time: Oct 09 02:01:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

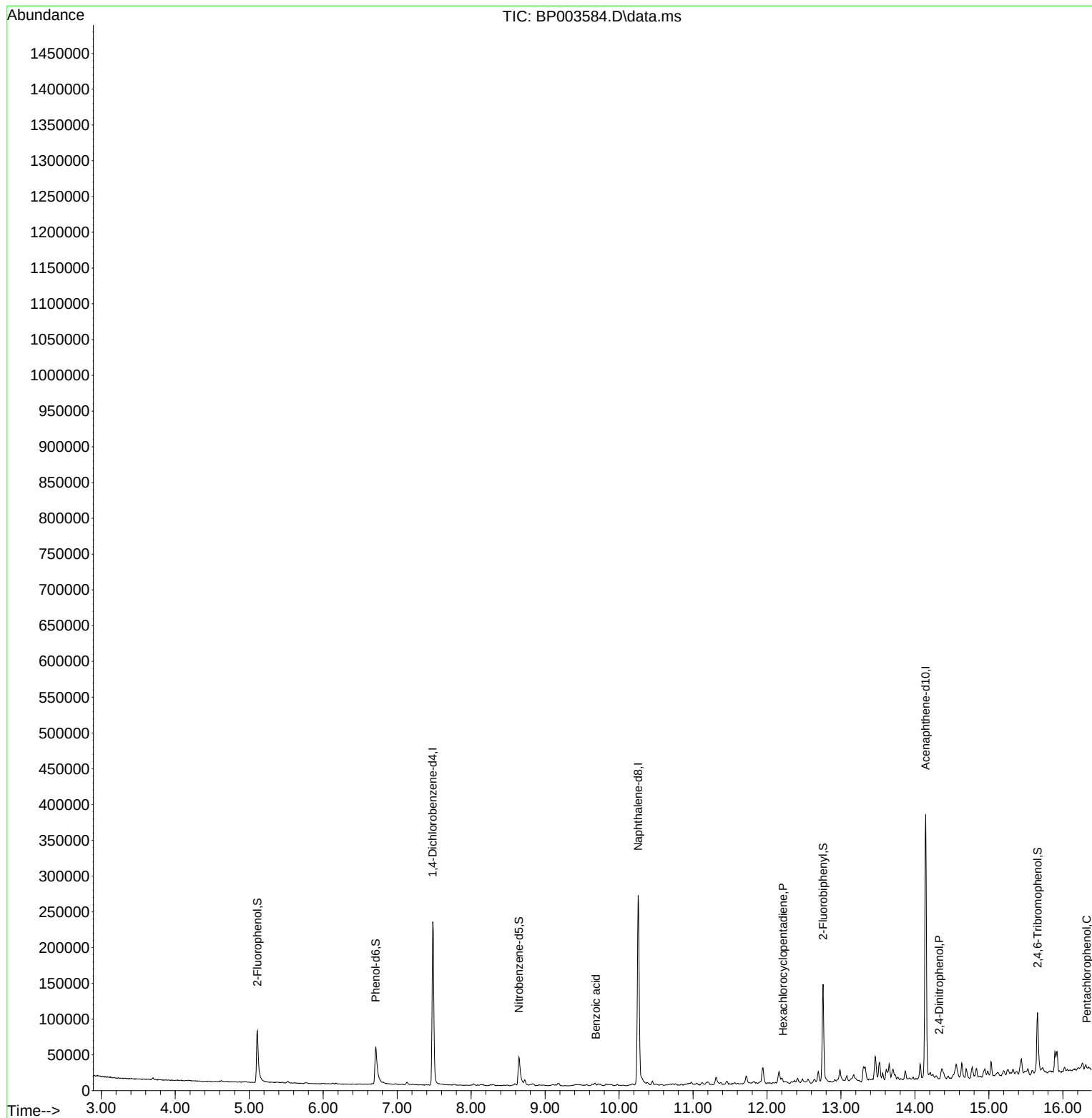
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	63079	20.00	ng	0.00
21) Naphthalene-d8	10.258	136	224836	20.00	ng	0.00
39) Acenaphthene-d10	14.146	164	122210	20.00	ng	0.00
64) Phenanthrene-d10	16.904	188	261306	20.00	ng	0.00
76) Chrysene-d12	21.016	240	301283	20.00	ng	0.00
86) Perylene-d12	23.180	264	352240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.111	112	43383	12.01	ng	0.01
7) Phenol-d6	6.711	99	47074	9.78	ng	0.02
23) Nitrobenzene-d5	8.646	82	33172	8.67	ng	0.01
42) 2,4,6-Tribromophenol	15.657	330	19775	10.61	ng	0.01
45) 2-Fluorobiphenyl	12.757	172	72608	8.69	ng	0.00
79) Terphenyl-d14	19.486	244	105436	7.29	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.687	122	12	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.216	237	7	6.84	ng	81
54) 2,4-Dinitrophenol	14.328	184	27	7.28	ng	# 1
70) Pentachlorophenol	16.322	266	38	6.79	ng	92
75) Fluoranthene	18.939	202	40807	2.28	ng	98
78) Pyrene	19.286	202	40173	2.14	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003584.D
Acq On : 08 Oct 2020 22:21
Operator : CG/JU
Sample : L4309-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-A

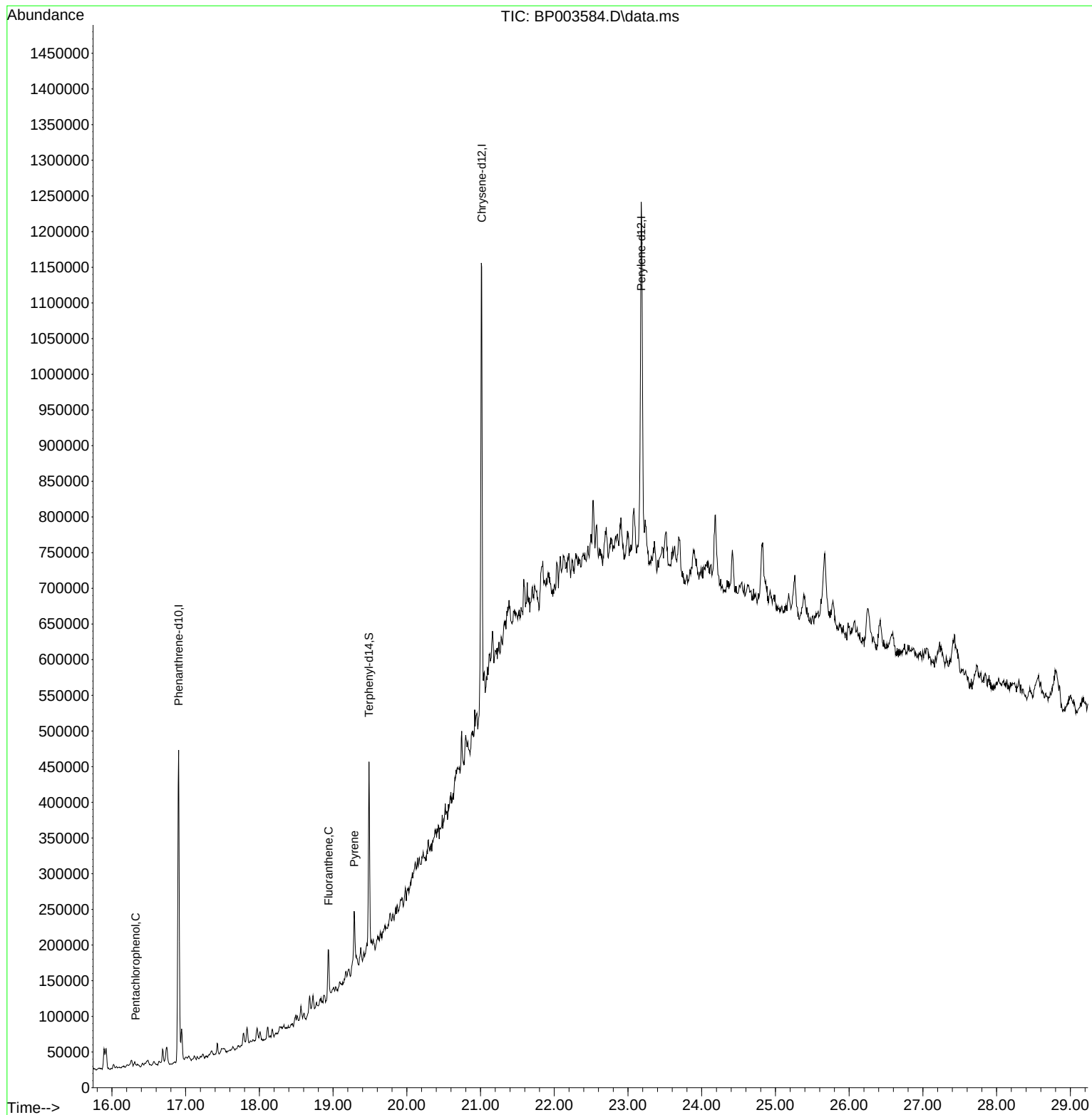
Quant Time: Oct 09 02:01:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration

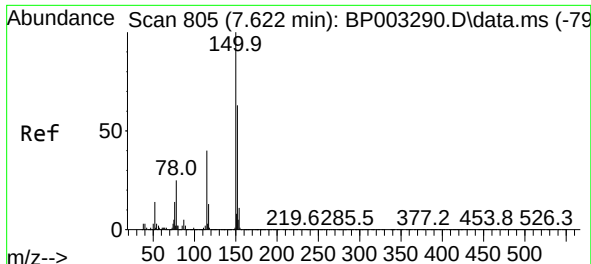


Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003584.D
Acq On : 08 Oct 2020 22:21
Operator : CG/JU
Sample : L4309-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-A

Quant Time: Oct 09 02:01:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration

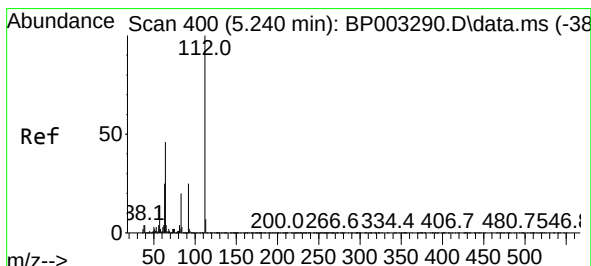
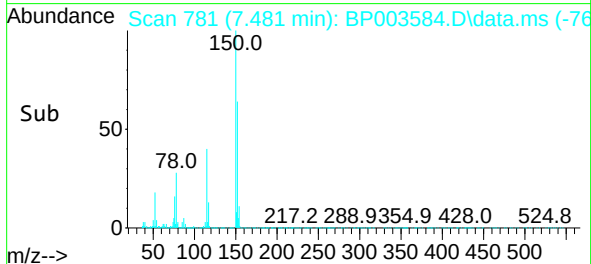
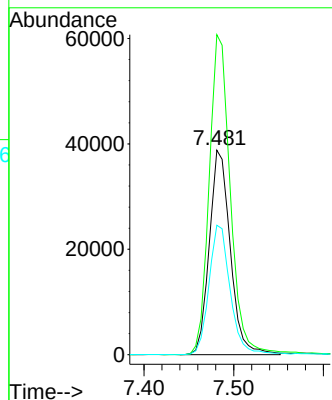
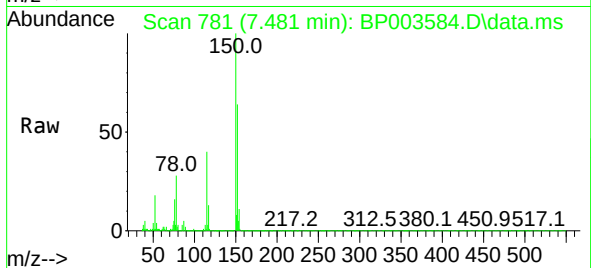




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

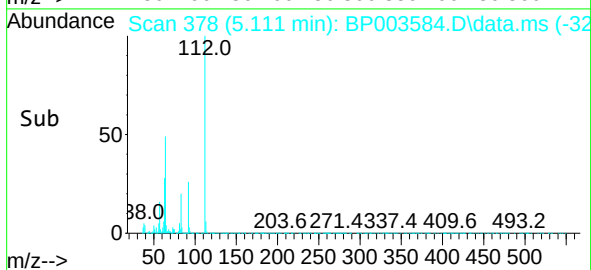
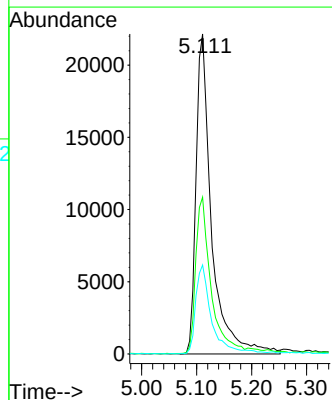
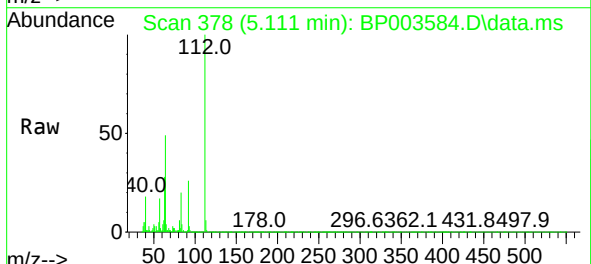
Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-A

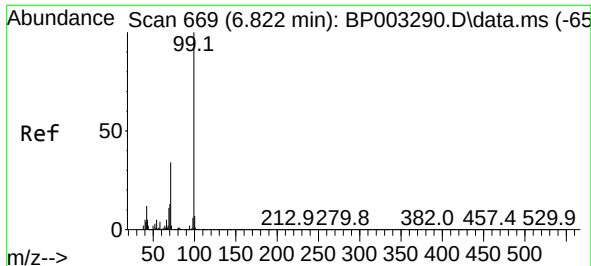
Tgt Ion:152 Resp: 63079
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 63.3 43.8 65.6



#5
2-Fluorophenol
Concen: 12.01 ng
RT: 5.111 min Scan# 378
Delta R.T. 0.012 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

Tgt Ion:112 Resp: 43383
Ion Ratio Lower Upper
112 100
64 49.0 32.8 49.2
63 27.8 17.0 25.4#

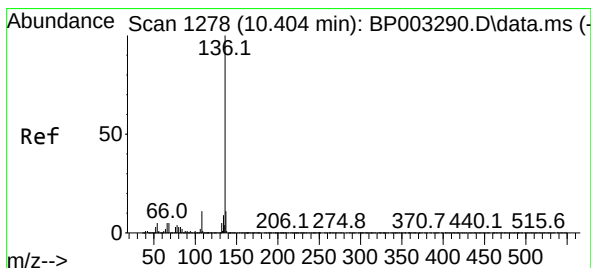
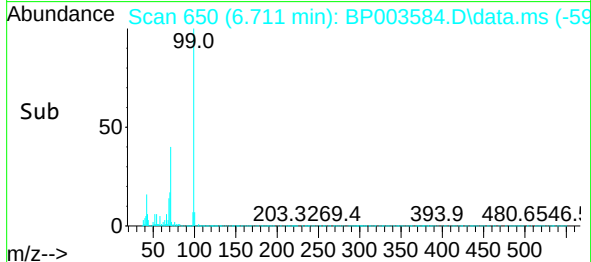
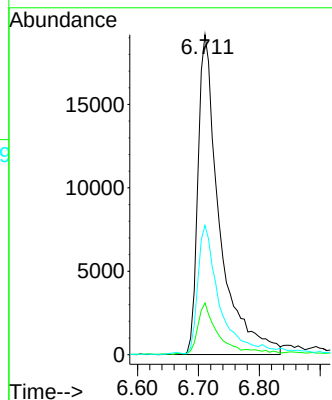
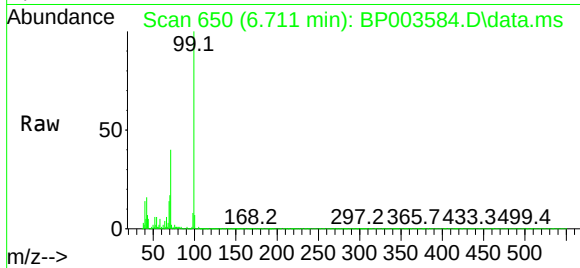




#7
Phenol-d6
Concen: 9.78 ng
RT: 6.711 min Scan# 650
Delta R.T. 0.024 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

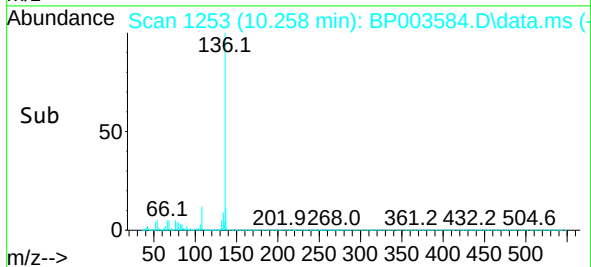
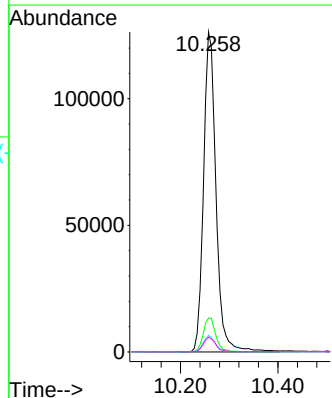
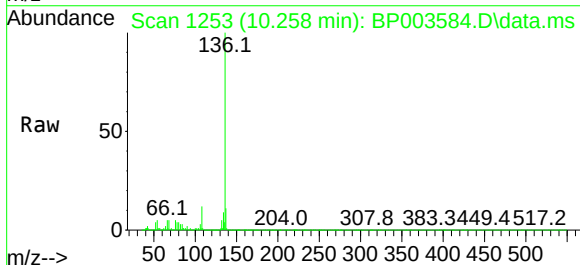
Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-A

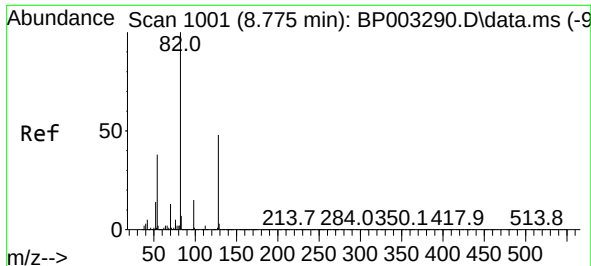
Tgt Ion: 99 Resp: 47074
Ion Ratio Lower Upper
99 100
42 16.1 8.6 13.0#
71 40.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.258 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

Tgt Ion: 136 Resp: 224836
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.2 3.6 5.4
68 4.7 3.3 4.9

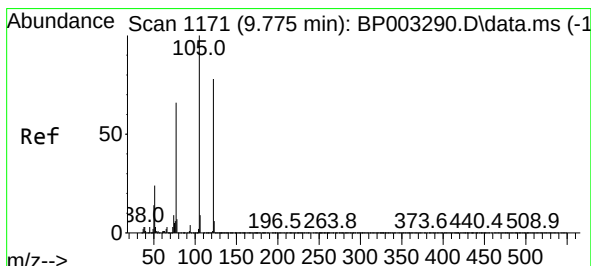
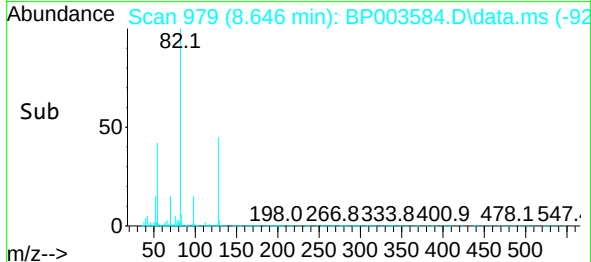
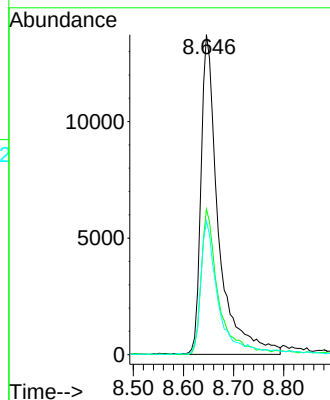
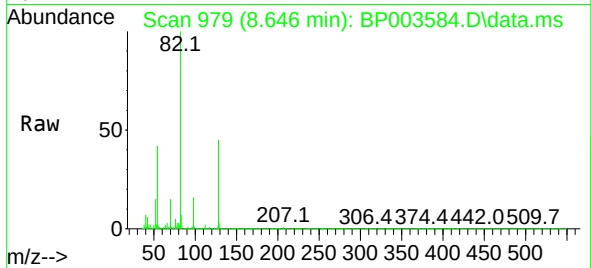




#23
Nitrobenzene-d5
Concen: 8.67 ng
RT: 8.646 min Scan# 979
Delta R.T. 0.012 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

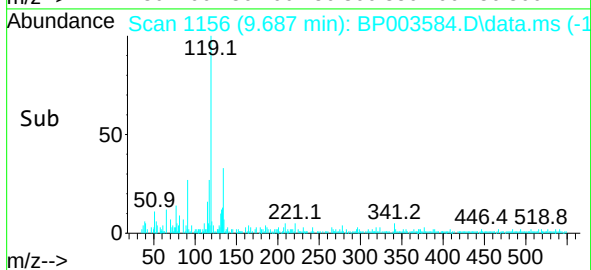
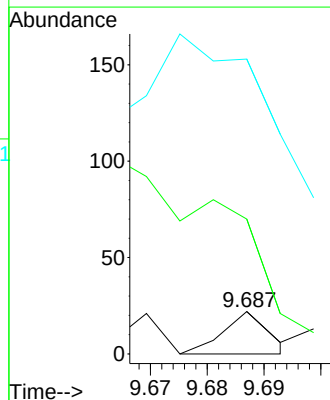
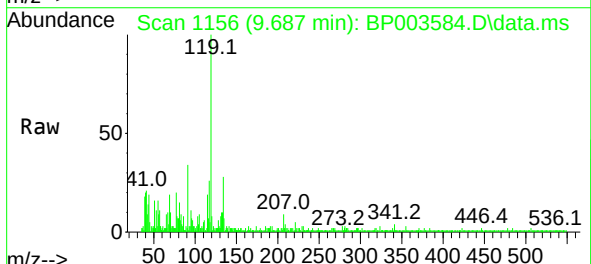
Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-A

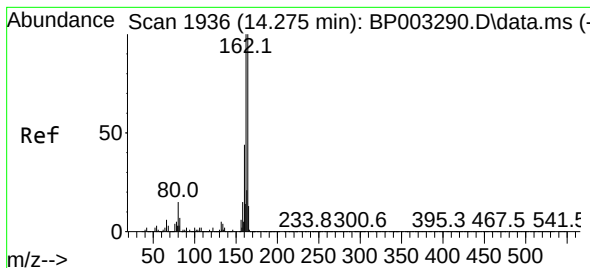
Tgt Ion: 82 Resp: 33172
Ion Ratio Lower Upper
82 100
128 45.5 45.6 68.4#
54 41.7 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.687 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

Tgt Ion: 122 Resp: 12
Ion Ratio Lower Upper
122 100
105 318.2 94.1 134.1#
77 695.5 50.1 90.1#

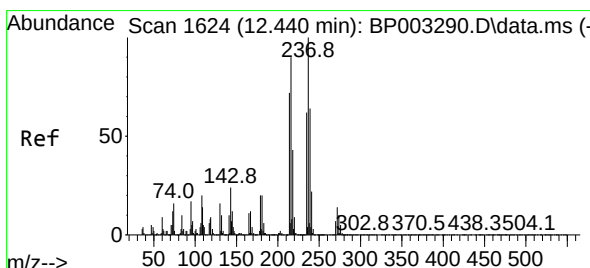
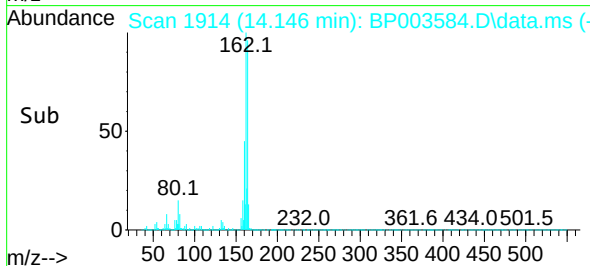
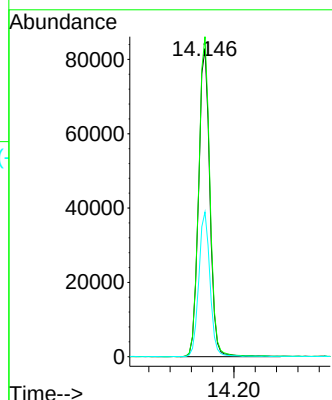
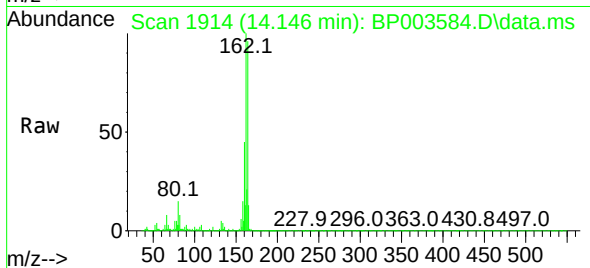




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.146 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

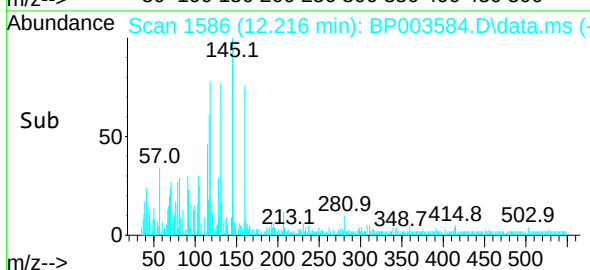
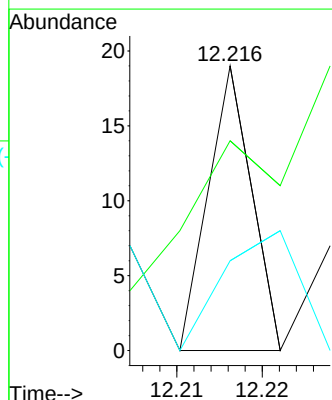
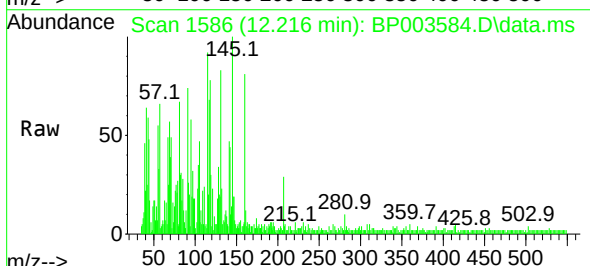
Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-A

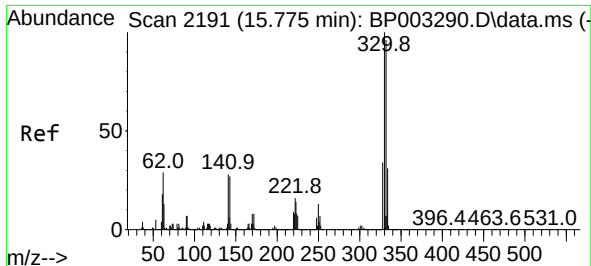
Tgt Ion:164 Resp: 122210
Ion Ratio Lower Upper
164 100
162 103.8 79.4 119.2
160 46.9 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.216 min Scan# 1586
Delta R.T. -0.076 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

Tgt Ion:237 Resp: 7
Ion Ratio Lower Upper
237 100
235 73.7 43.2 83.2
272 31.6 0.0 33.3

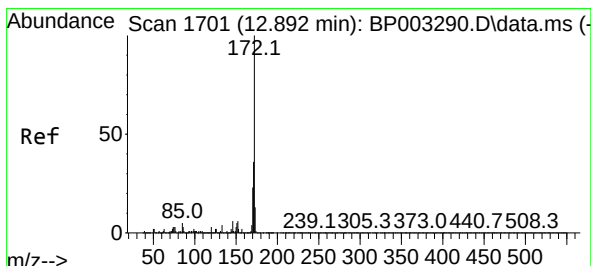
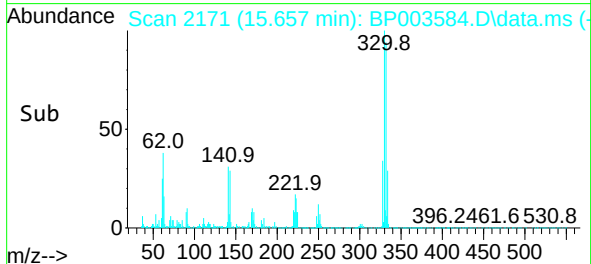
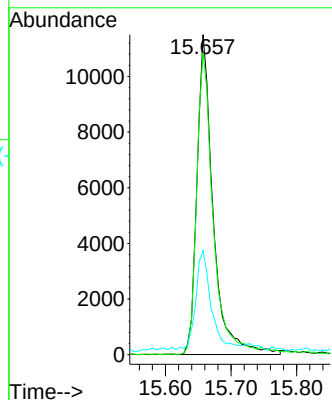
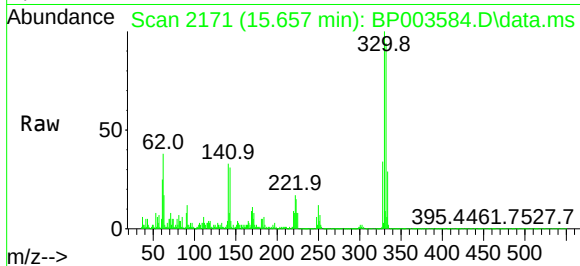




#42
2,4,6-Tribromophenol
Concen: 10.61 ng
RT: 15.657 min Scan# 2171
Delta R.T. 0.012 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

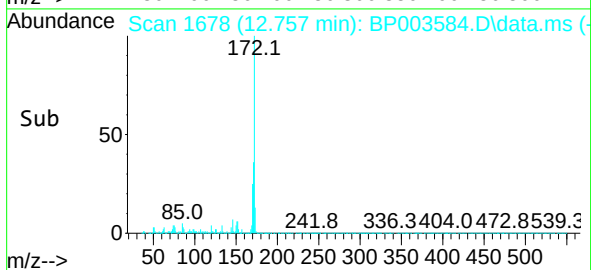
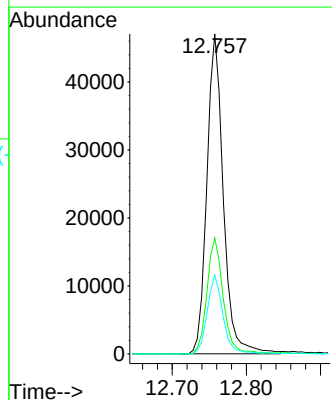
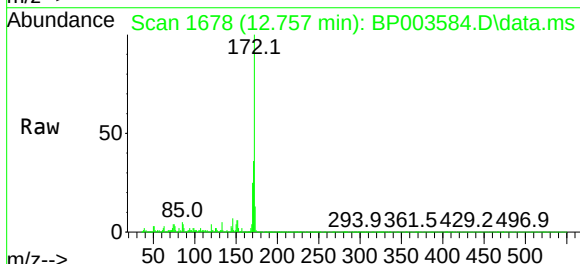
Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-A

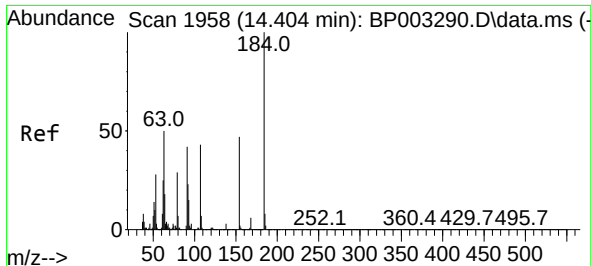
Tgt Ion:330 Resp: 19775
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 29.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 8.69 ng
RT: 12.757 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

Tgt Ion:172 Resp: 72608
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.7 19.2 28.8

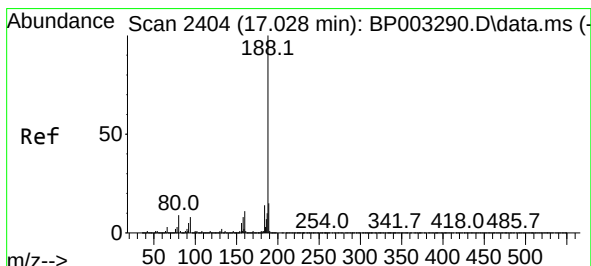
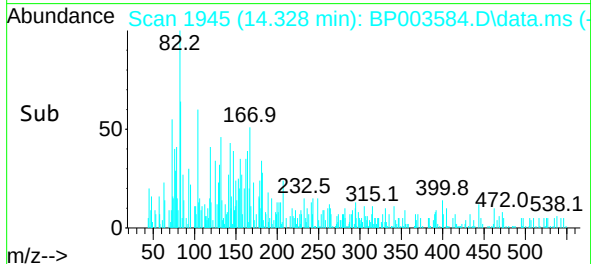
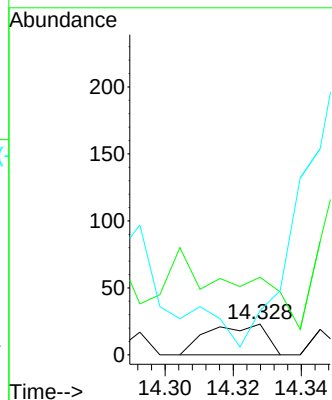
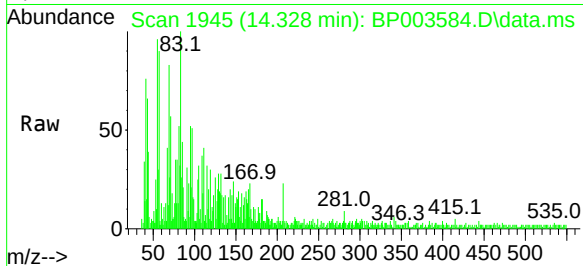




#54
2,4-Dinitrophenol
Concen: 7.28 ng
RT: 14.328 min Scan# 1945
Delta R.T. 0.012 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

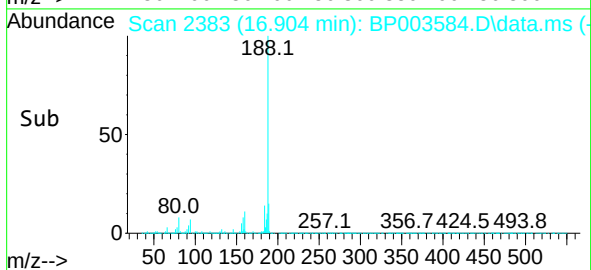
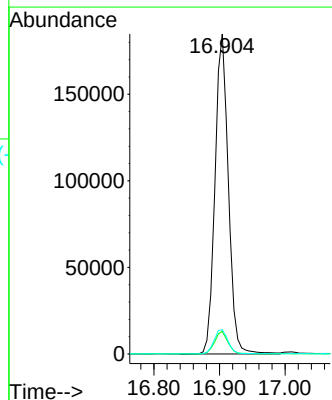
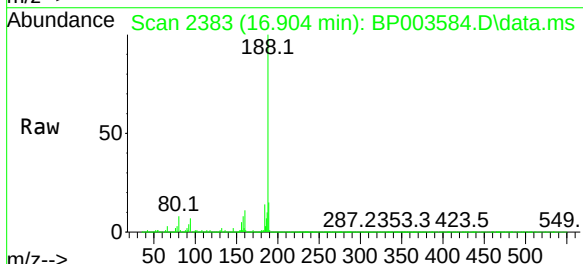
Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-A

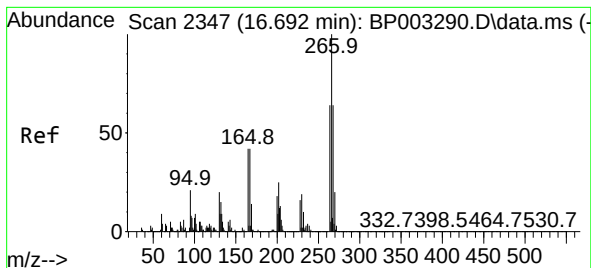
Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 252.2 32.3 48.5#
154 143.5 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.904 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP003584.D
Acq: 08 Oct 2020 22:21

Tgt Ion:188 Resp: 261306
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.2
80 7.6 6.2 9.2

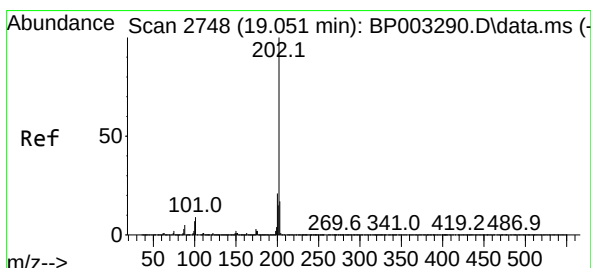
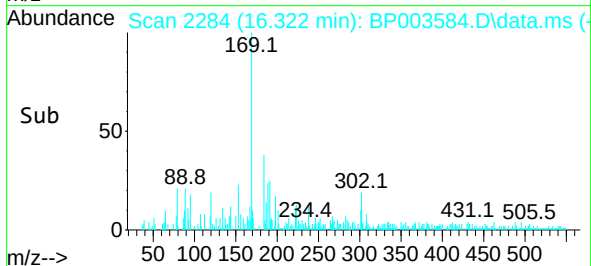
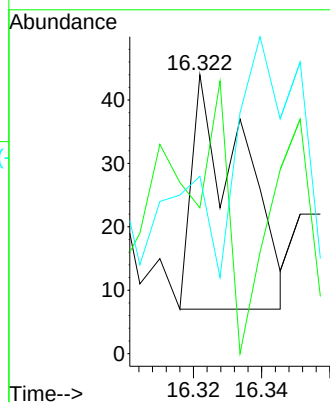
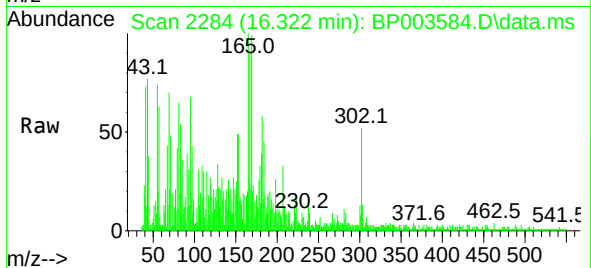




#70
 Pentachlorophenol
 Concen: 6.79 ng
 RT: 16.322 min Scan# 2284
 Delta R.T. -0.259 min
 Lab File: BP003584.D
 Acq: 08 Oct 2020 22:21

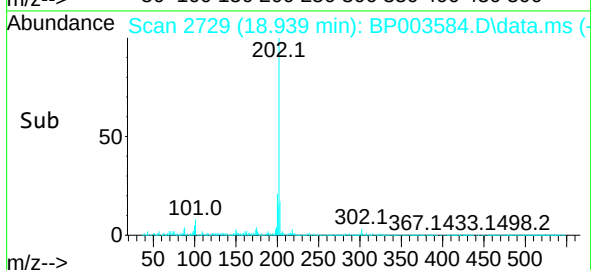
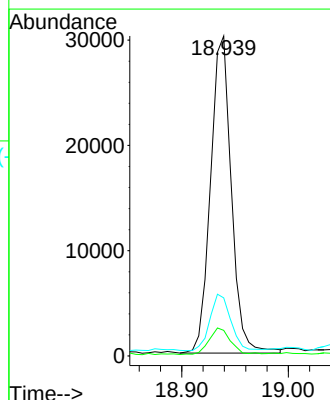
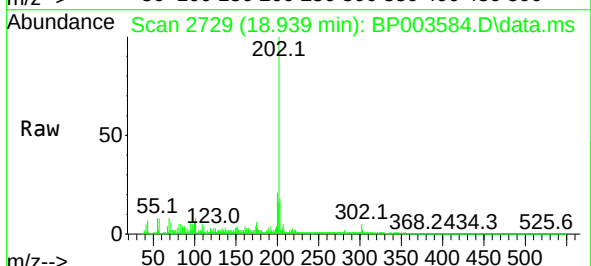
Instrument :
 BNA_P
 ClientSampleId :
 OWLS-HEAD-BH-05-A

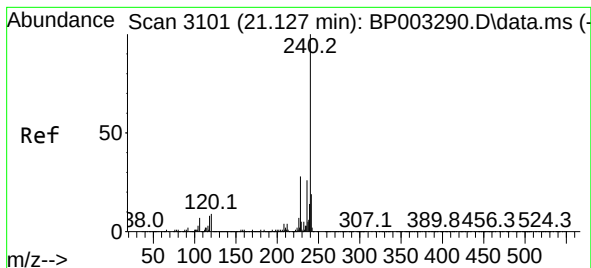
Tgt Ion:266 Resp: 38
 Ion Ratio Lower Upper
 266 100
 268 52.3 51.1 76.7
 264 63.6 50.6 76.0



#75
 Fluoranthene
 Concen: 2.28 ng
 RT: 18.939 min Scan# 2729
 Delta R.T. 0.006 min
 Lab File: BP003584.D
 Acq: 08 Oct 2020 22:21

Tgt Ion:202 Resp: 40807
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 29.4
 203 18.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.016 min Scan# 3082

Delta R.T. 0.006 min

Lab File: BP003584.D

Acq: 08 Oct 2020 22:21

Tgt Ion:240 Resp: 301283

Ion Ratio Lower Upper

240 100

120 7.9 7.8 11.6

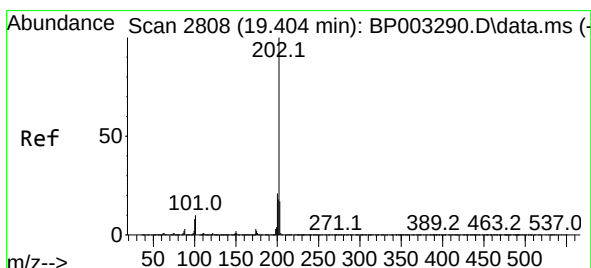
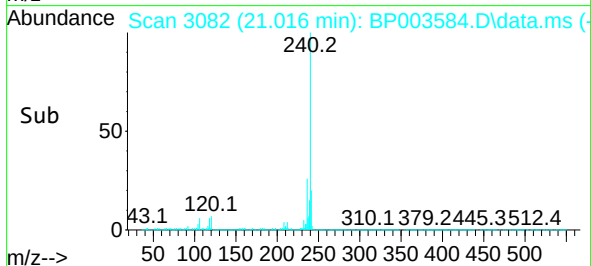
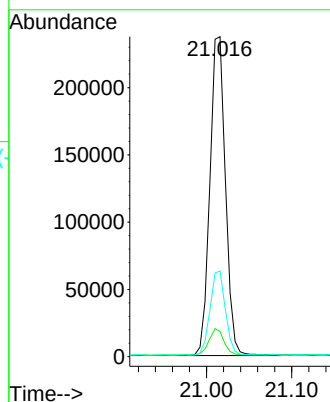
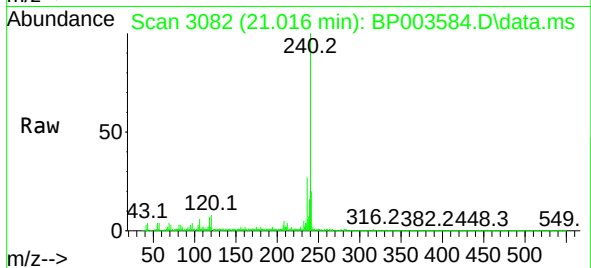
236 26.8 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

OWLS-HEAD-BH-05-A



#78

Pyrene

Concen: 2.14 ng

RT: 19.286 min Scan# 2788

Delta R.T. 0.000 min

Lab File: BP003584.D

Acq: 08 Oct 2020 22:21

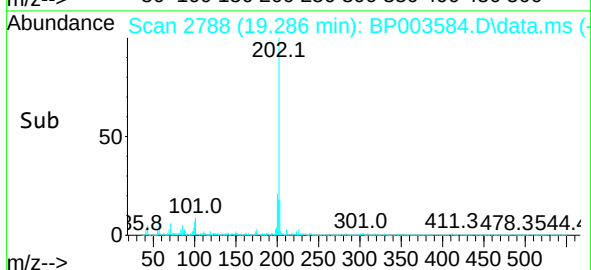
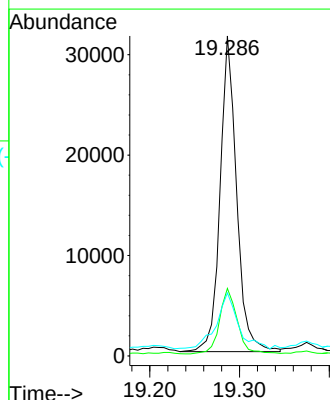
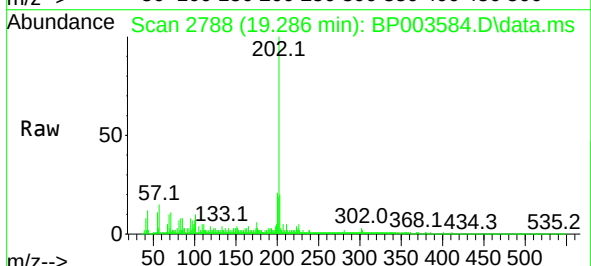
Tgt Ion:202 Resp: 40173

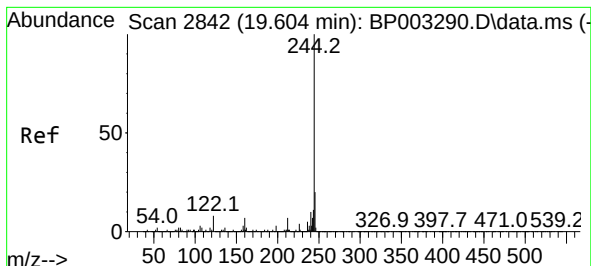
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 19.7 14.2 21.2





#79

Terphenyl-d14

Concen: 7.29 ng

RT: 19.486 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BP003584.D

Acq: 08 Oct 2020 22:21

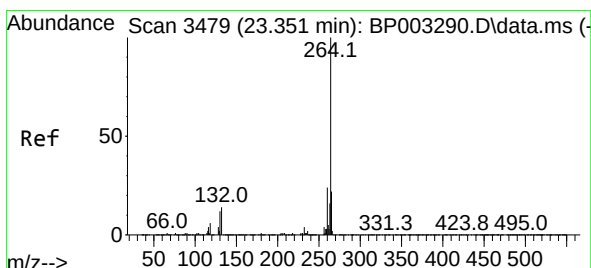
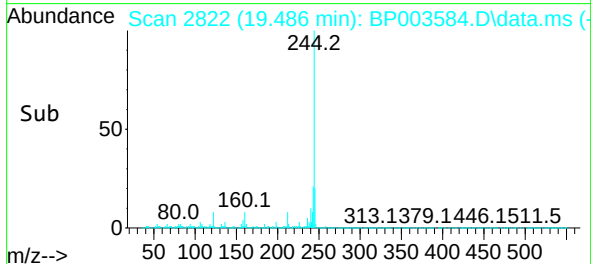
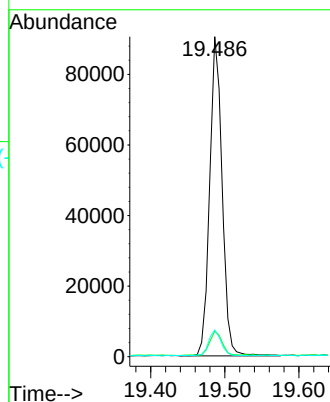
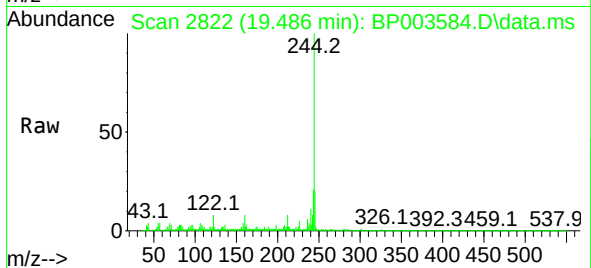
Tgt Ion:244	Resp: 105436
Ion Ratio	Lower Upper
244 100	
212 8.0	5.8 8.6
122 8.4	7.8 11.8

Instrument :

BNA_P

ClientSampleId :

OWLS-HEAD-BH-05-A



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.180 min Scan# 3450

Delta R.T. 0.006 min

Lab File: BP003584.D

Acq: 08 Oct 2020 22:21

Tgt Ion:264	Resp: 352240
Ion Ratio	Lower Upper
264 100	
260 24.3	18.8 28.2
265 22.6	17.4 26.2

