

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006155.D
 Acq On : 08 Jul 2021 23:50
 Operator : CG/JU
 Sample : M2947-09DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE-9DL

Quant Time: Jul 09 04:31:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

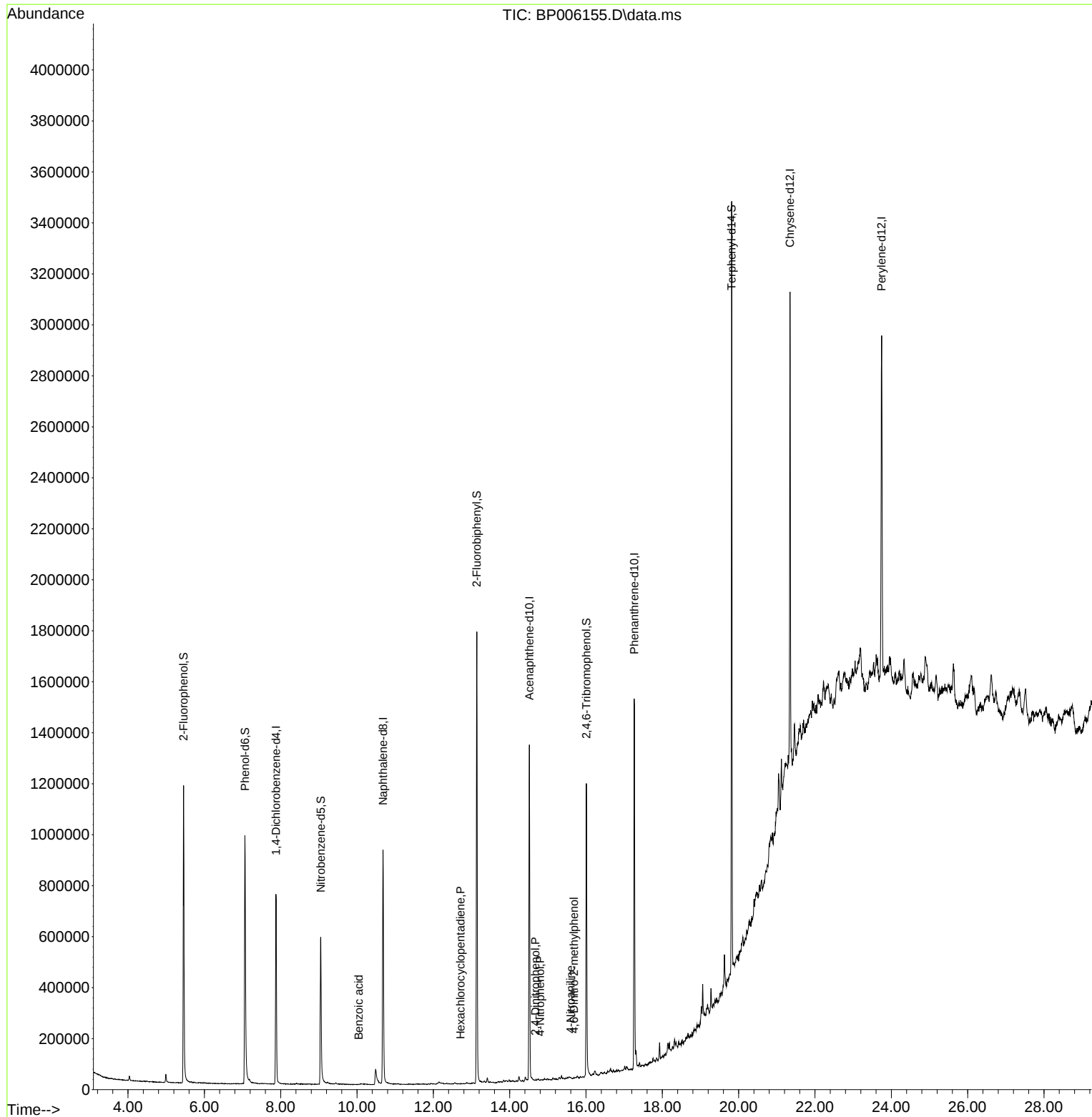
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	225092	20.00	ng	0.00
21) Naphthalene-d8	10.681	136	828479	20.00	ng	0.00
39) Acenaphthene-d10	14.516	164	465927	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	883592	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	835539	20.00	ng	# 0.00
86) Perylene-d12	23.745	264	983503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	614823	47.00	ng	0.00
7) Phenol-d6	7.063	99	707811	40.91	ng	0.00
23) Nitrobenzene-d5	9.052	82	395485	30.15	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	236759	42.68	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	943353	29.93	ng	0.00
79) Terphenyl-d14	19.816	244	1271848	30.01	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.046	122	49	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.710	237	25	8.71	ng	85
54) 2,4-Dinitrophenol	14.675	184	6	8.88	ng	# 1
56) 4-Nitrophenol	14.798	139	124	7.14	ng	# 52
62) 4-Nitroaniline	15.598	138	147	2.98	ng	92
65) 4,6-Dinitro-2-methylph...	15.686	198	111	4.44	ng	# 1

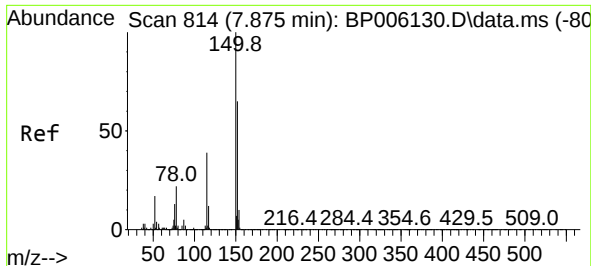
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
Data File : BP006155.D
Acq On : 08 Jul 2021 23:50
Operator : CG/JU
Sample : M2947-09DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

Quant Time: Jul 09 04:31:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 16:08:13 2021
Response via : Initial Calibration

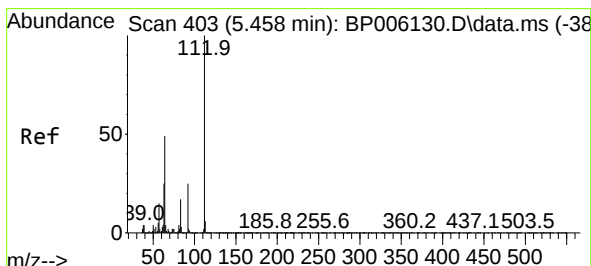
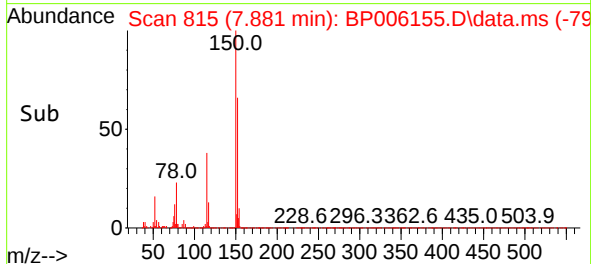
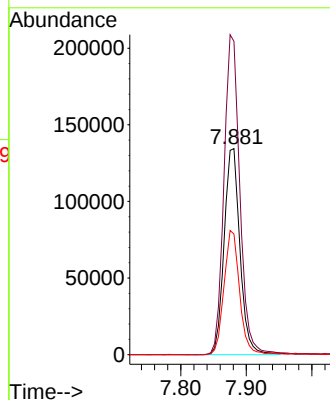
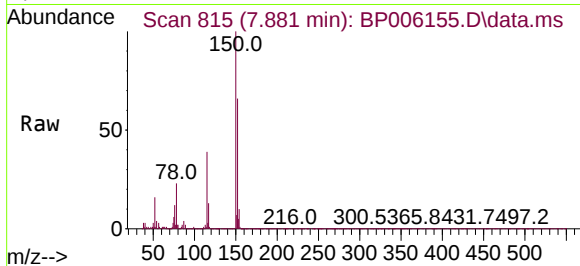




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

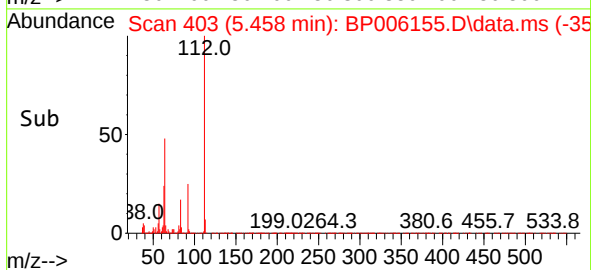
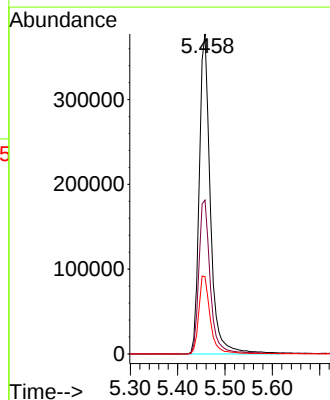
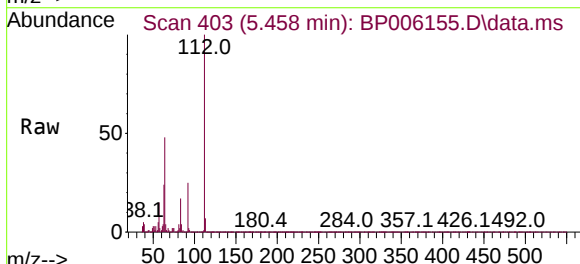
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

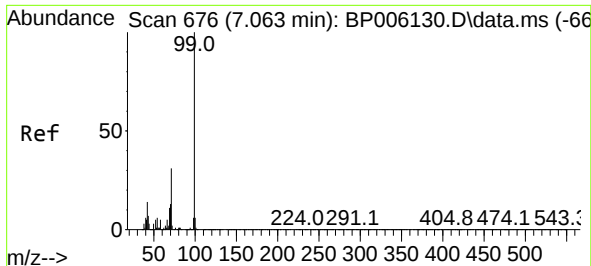
Tgt Ion:152 Resp: 225092
Ion Ratio Lower Upper
152 100
150 152.0 125.6 188.4
115 58.6 48.5 72.7



#5
2-Fluorophenol
Concen: 47.00 ng
RT: 5.458 min Scan# 403
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:112 Resp: 614823
Ion Ratio Lower Upper
112 100
64 48.1 41.4 62.2
63 24.2 23.8 35.8

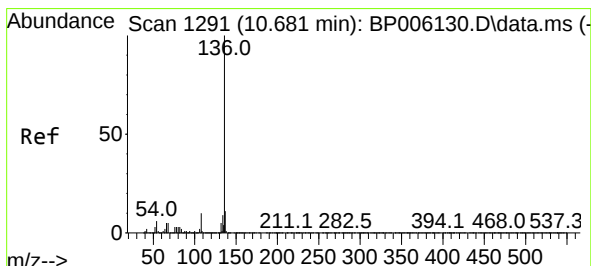
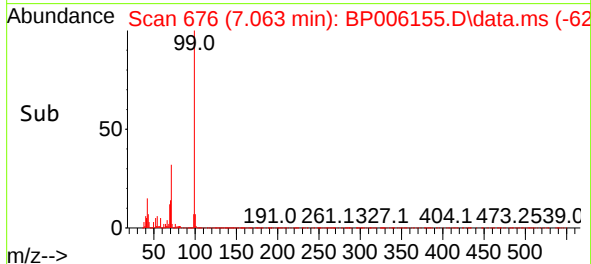
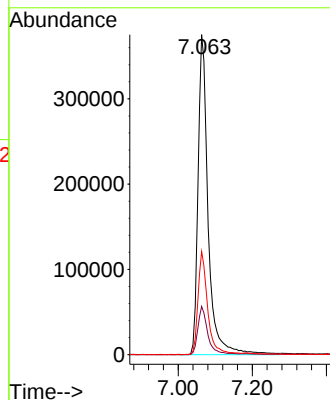
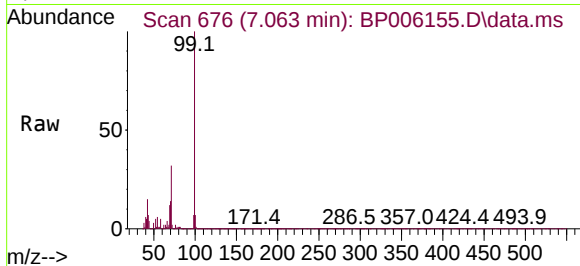




#7
Phenol-d6
Concen: 40.91 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

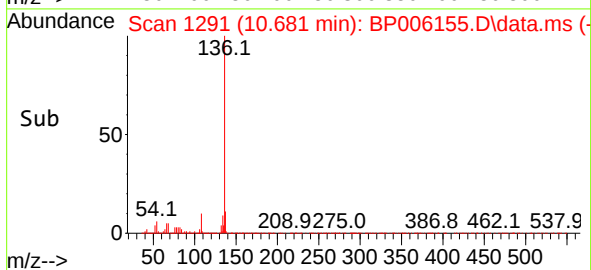
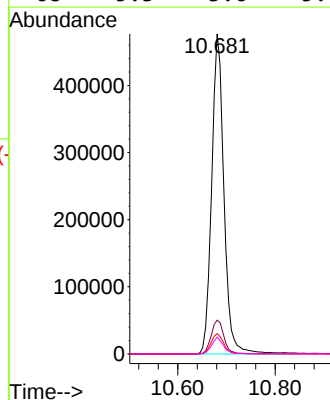
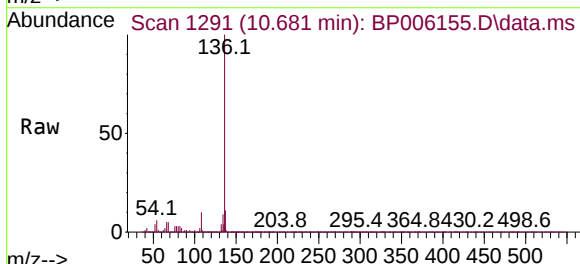
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

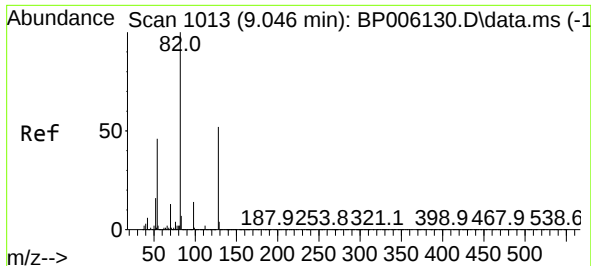
Tgt Ion:	99	Resp:	707811
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	32.2	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:	136	Resp:	828479
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	6.3	4.6	6.8
68	5.3	3.6	5.4

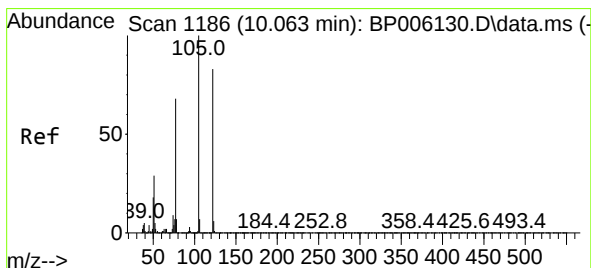
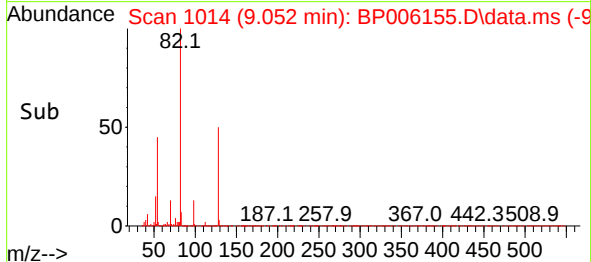
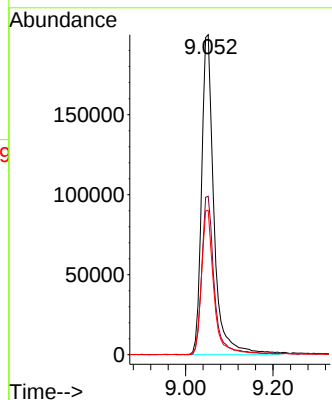
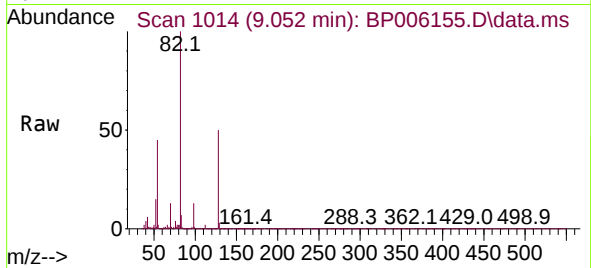




#23
Nitrobenzene-d5
Concen: 30.15 ng
RT: 9.052 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

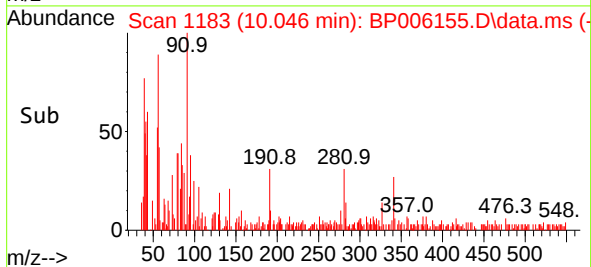
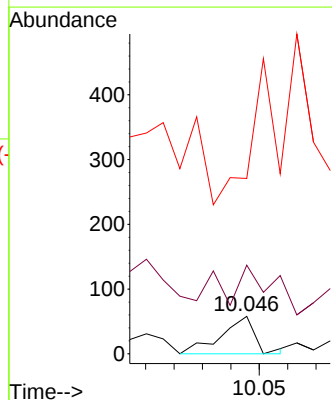
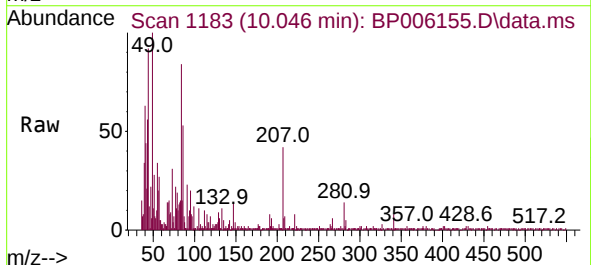
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

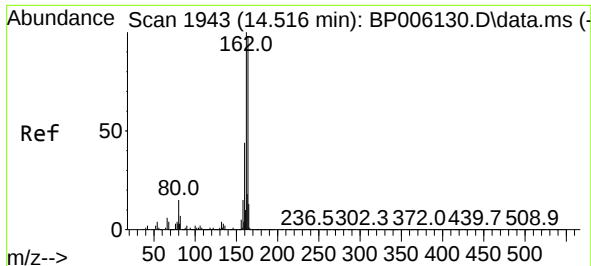
Tgt Ion: 82 Resp: 395485
Ion Ratio Lower Upper
82 100
128 49.5 35.7 53.5
54 45.1 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.046 min Scan# 1183
Delta R.T. -0.017 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:122 Resp: 49
Ion Ratio Lower Upper
122 100
105 236.2 103.2 143.2#
77 467.2 76.2 116.2#

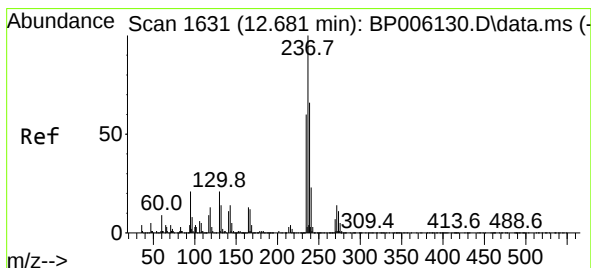
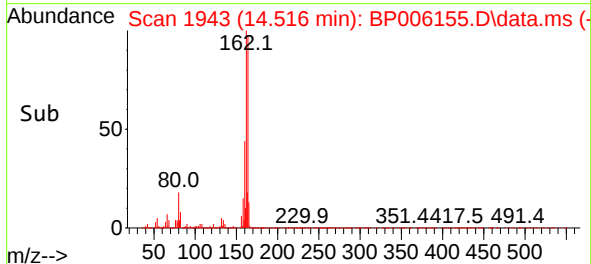
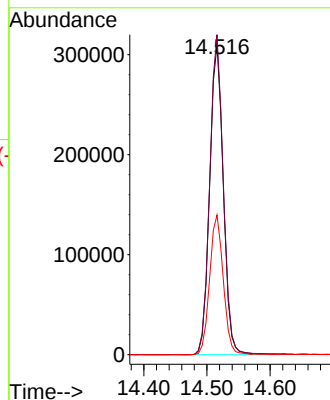
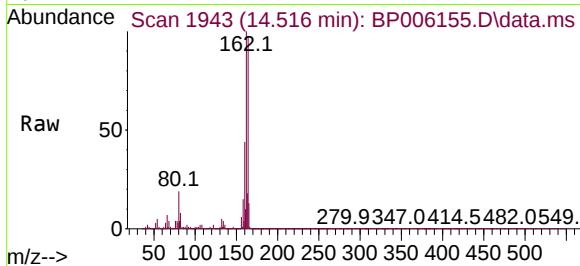




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

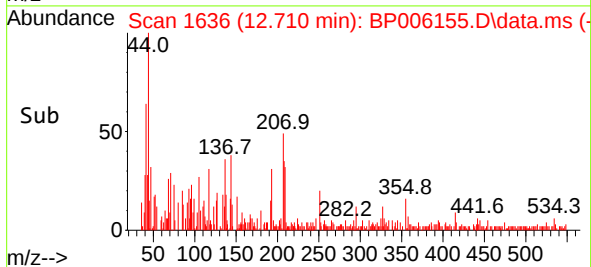
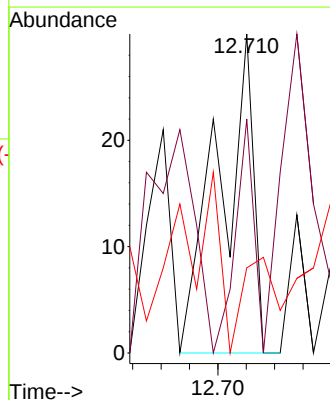
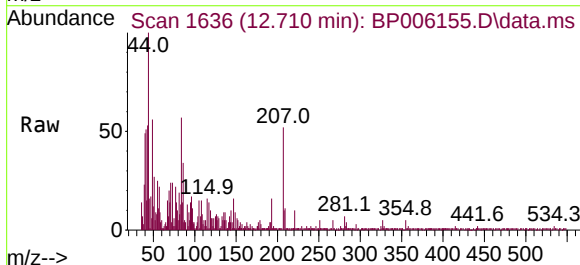
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

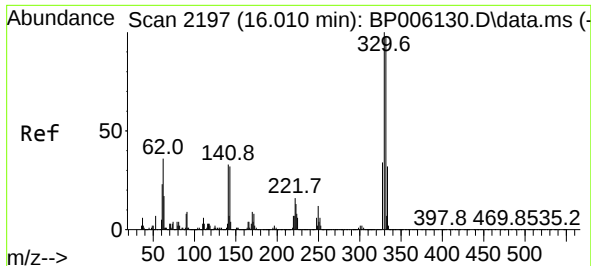
Tgt Ion:164 Resp: 465927
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 45.0 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.710 min Scan# 1636
Delta R.T. 0.029 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 73.3 44.5 84.5
272 26.7 0.0 32.5

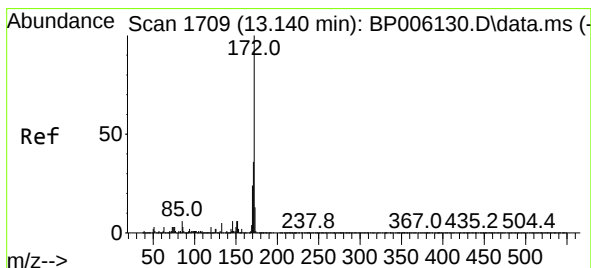
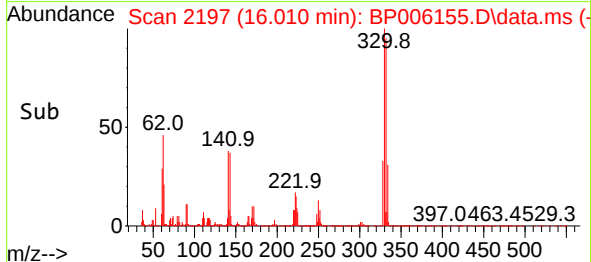
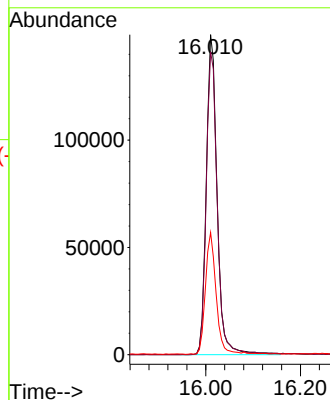
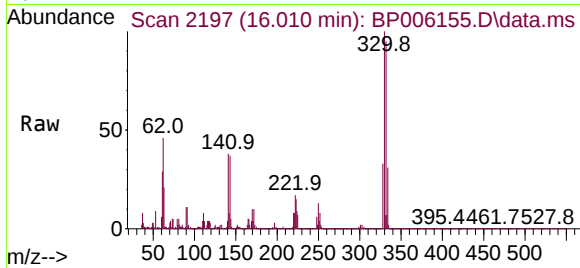




#42
2,4,6-Tribromophenol
Concen: 42.68 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

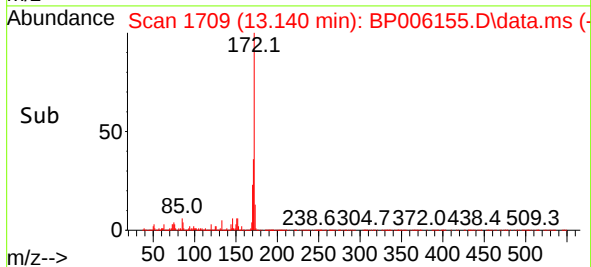
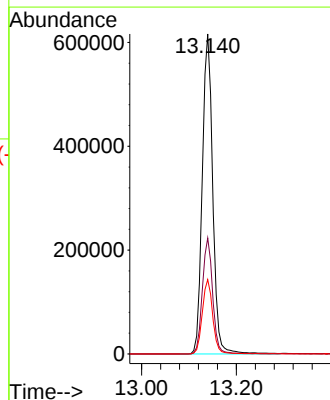
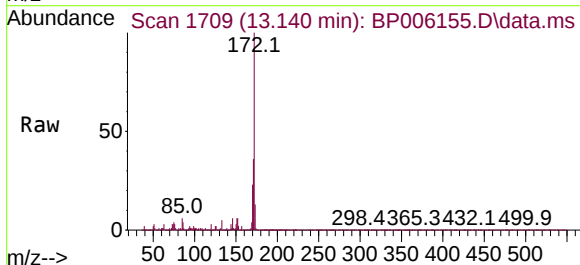
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

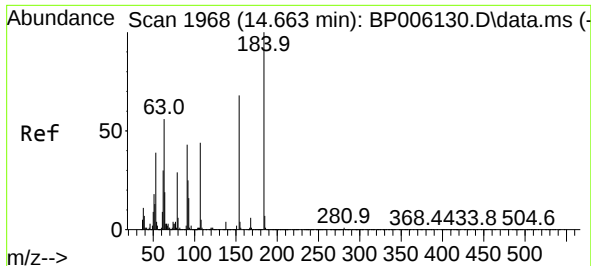
Tgt Ion:330 Resp: 236759
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 37.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 29.93 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:172 Resp: 943353
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 23.3 18.6 27.8

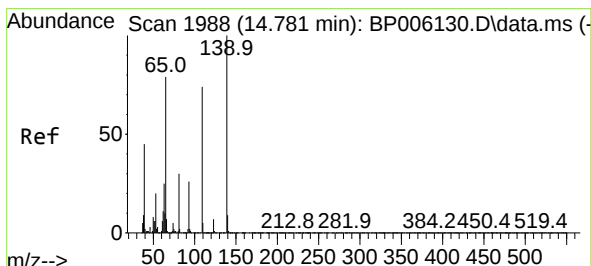
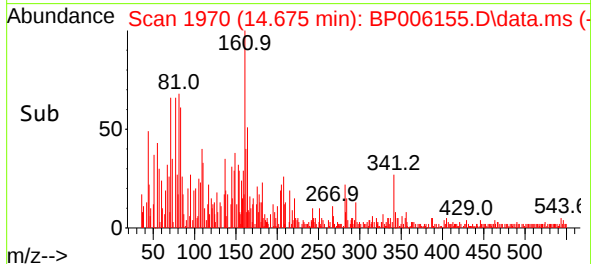
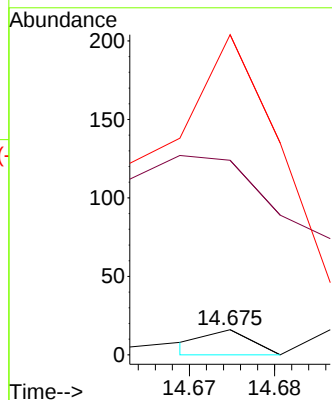
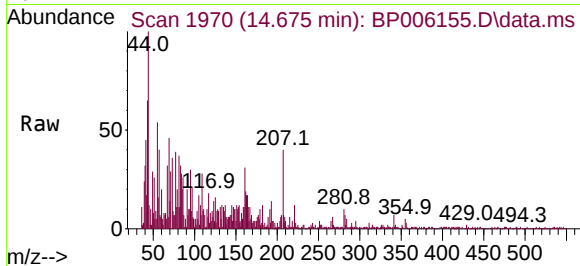




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

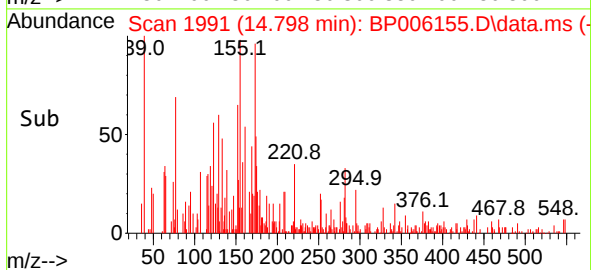
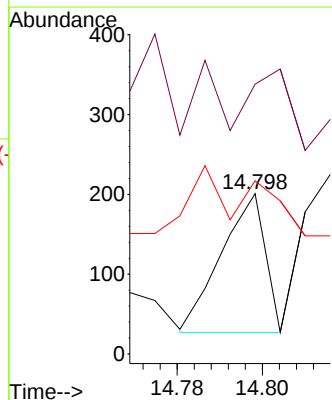
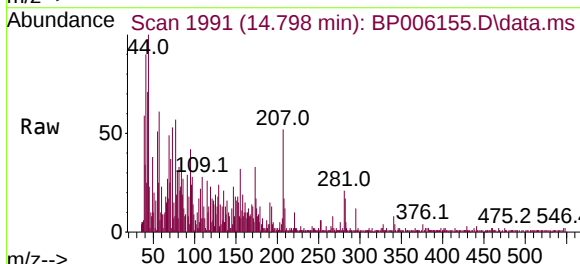
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

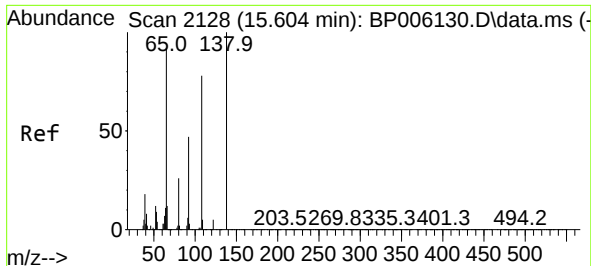
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 775.0 47.0 70.6#
154 1631.3 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.798 min Scan# 1991
Delta R.T. 0.017 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:139 Resp: 124
Ion Ratio Lower Upper
139 100
109 168.2 72.3 112.3#
65 108.0 72.5 112.5

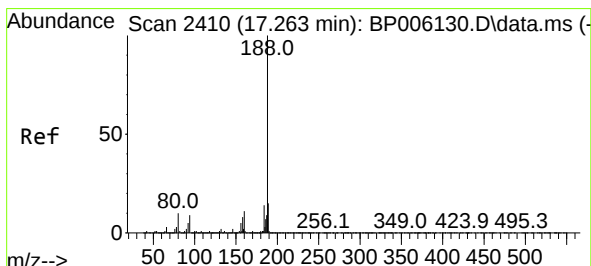
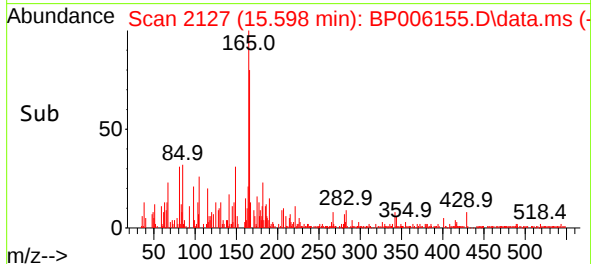
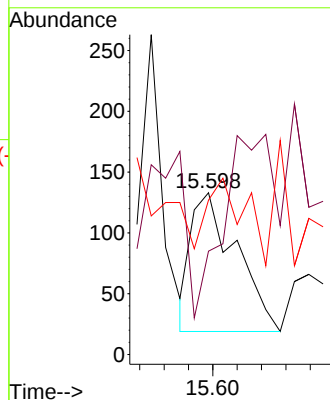
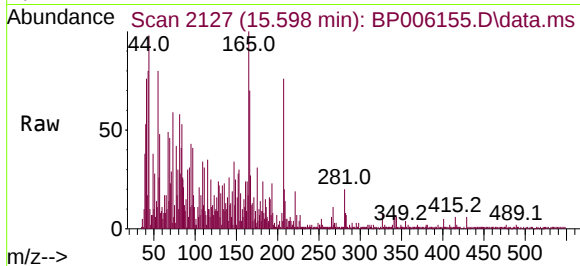




#62
4-Nitroaniline
Concen: 2.98 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

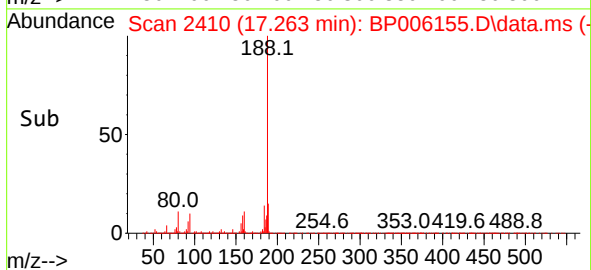
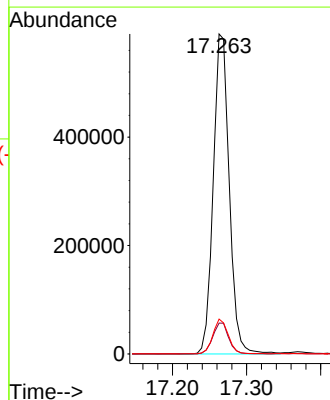
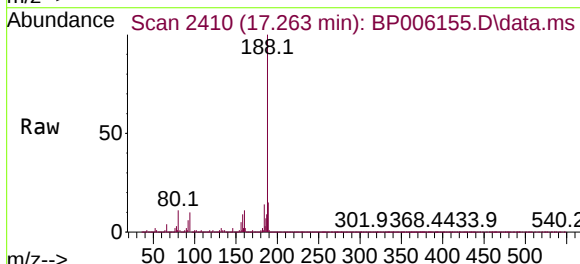
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

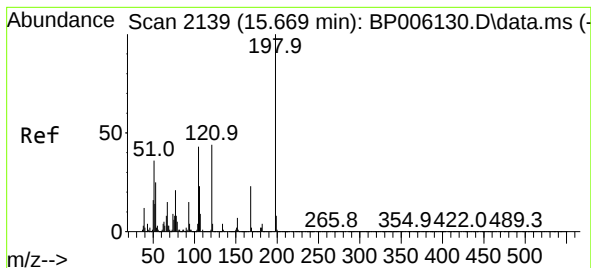
Tgt Ion:	138	Resp:	147
Ion	Ratio	Lower	Upper
138	100		
92	63.9	31.2	71.2
108	95.5	78.6	118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:	188	Resp:	883592
Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.6	8.4#
80	10.9	6.3	9.5#

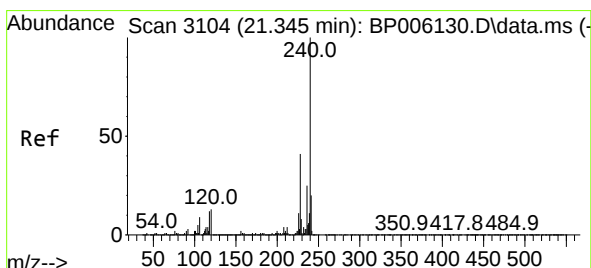
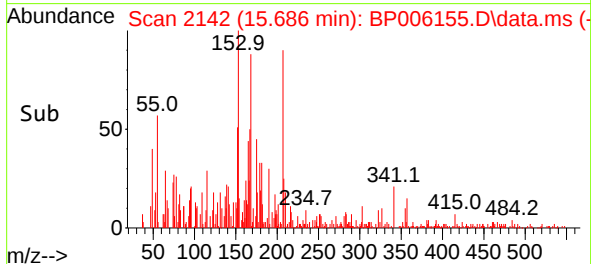
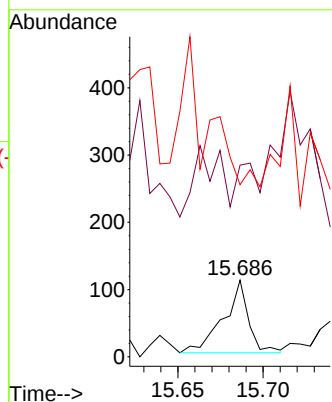
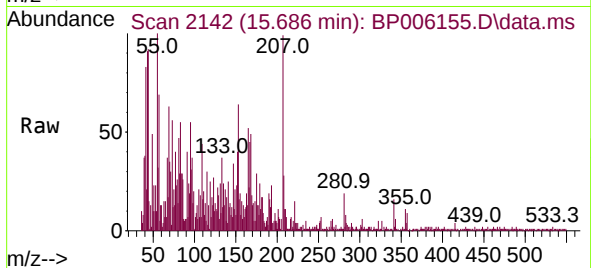




#65
4,6-Dinitro-2-methylphenol
Concen: 4.44 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.017 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

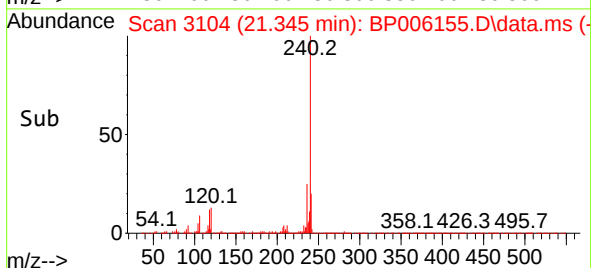
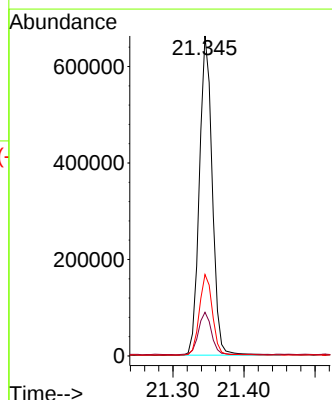
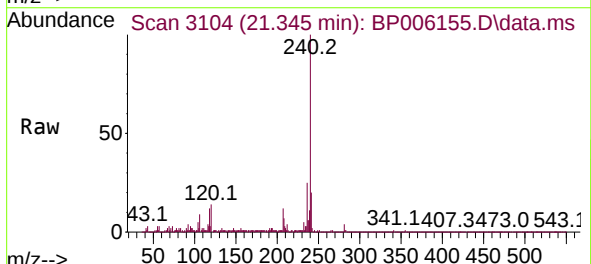
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

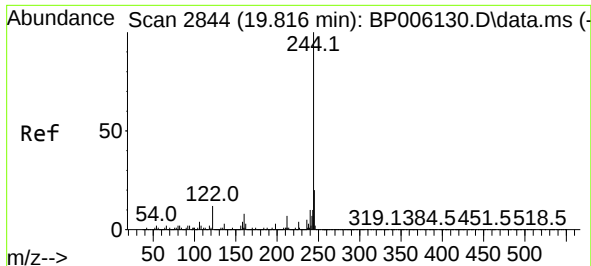
Tgt Ion:198 Resp: 111
Ion Ratio Lower Upper
198 100
51 250.0 14.0 54.0#
105 224.6 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:240 Resp: 835539
Ion Ratio Lower Upper
240 100
120 13.6 6.5 9.7#
236 25.5 20.6 31.0

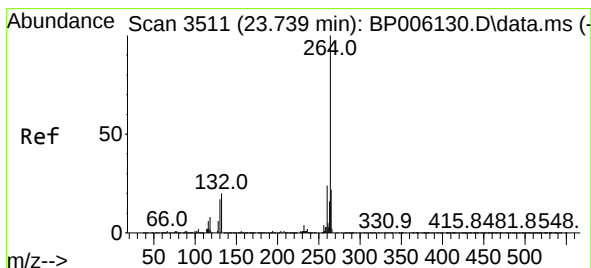
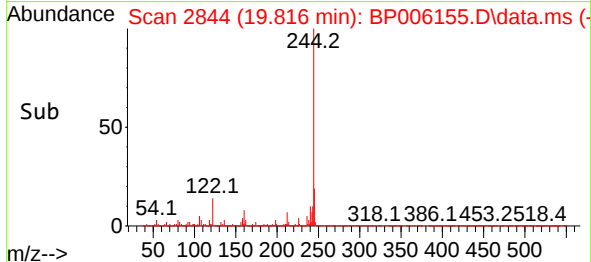
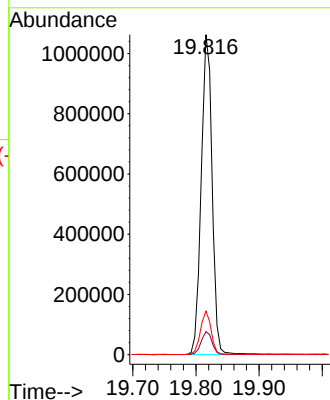
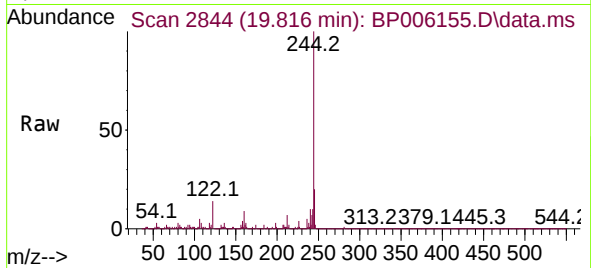




#79
Terphenyl-d14
Concen: 30.01 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

Tgt Ion:244 Resp: 1271848
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.6 7.1 10.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.745 min Scan# 3512
Delta R.T. 0.006 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Tgt Ion:264 Resp: 983503
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.6 17.6 26.4

