

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006152.D
 Acq On : 08 Jul 2021 22:07
 Operator : CG/JU
 Sample : M2947-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D9-SOIL-PILE

Quant Time: Jul 09 04:31:02 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)

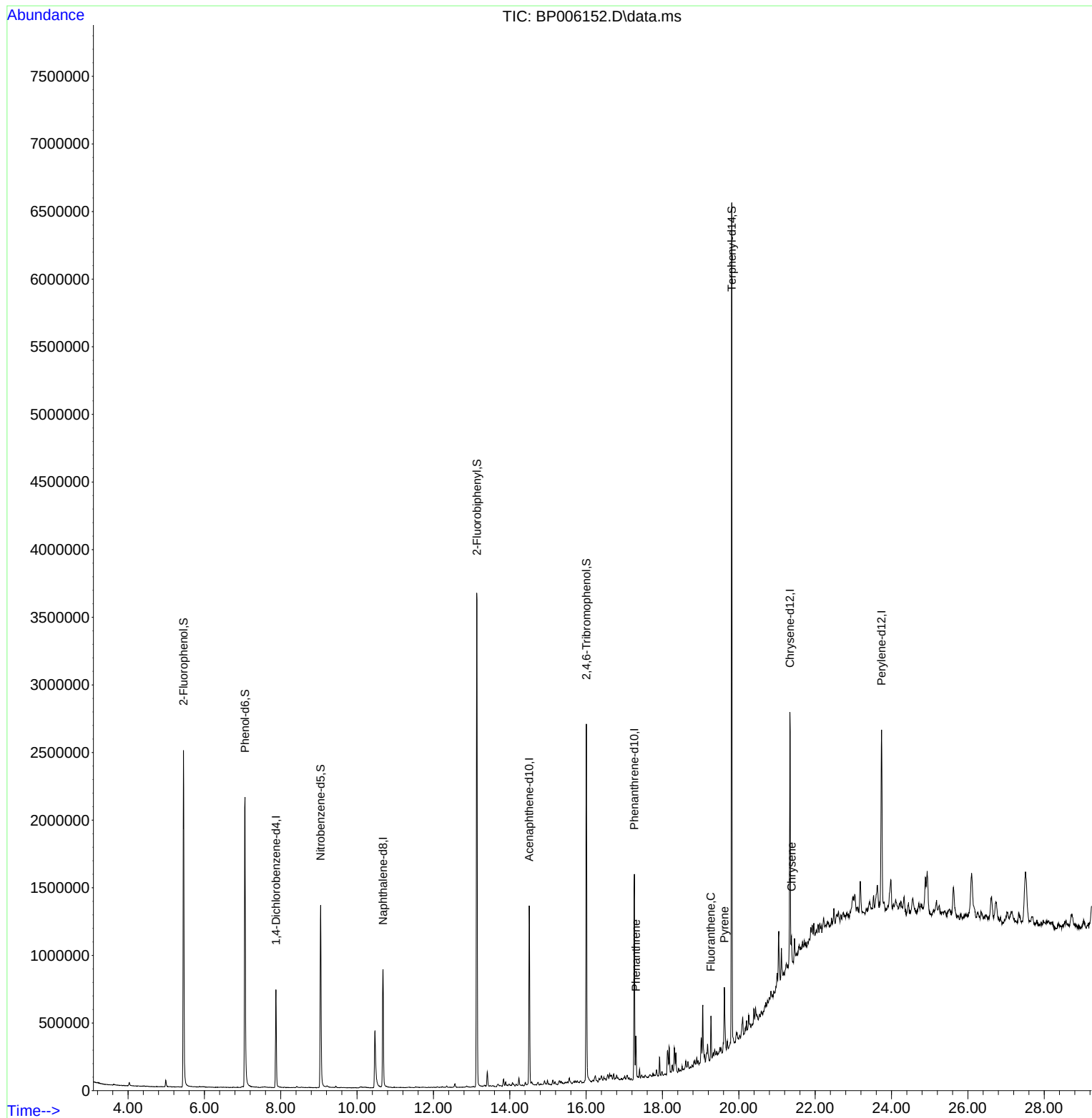
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	214136	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	814078	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	456417	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	854878	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	796648	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	926887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1251273	100.543	ng	0.00
7) Phenol-d6	7.063	99	1464352	88.956	ng	0.00
23) Nitrobenzene-d5	9.046	82	829920	64.394	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	513311	94.464	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	1946412	63.045	ng	0.00
79) Terphenyl-d14	19.816	244	2563084	63.434	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.304	178	187790	3.890	ng	99
75) Fluoranthene	19.269	202	158724	3.000	ng	95
78) Pyrene	19.622	202	255099	4.738	ng	100
83) Chrysene	21.380	228	115041	2.310	ng	# 93

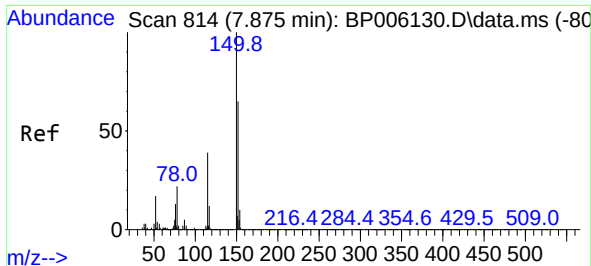
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
Data File : BP006152.D
Acq On : 08 Jul 2021 22:07
Operator : CG/JU
Sample : M2947-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILE

Quant Time: Jul 09 04:31:02 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

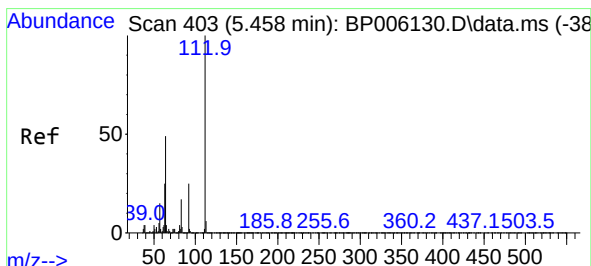
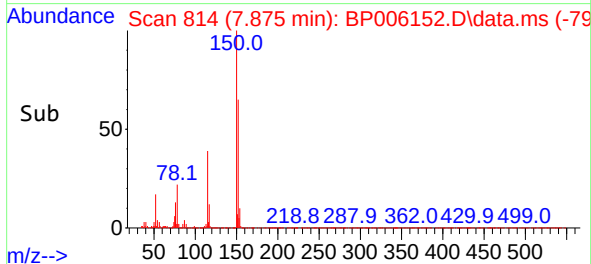
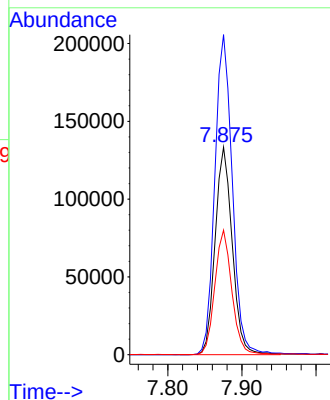
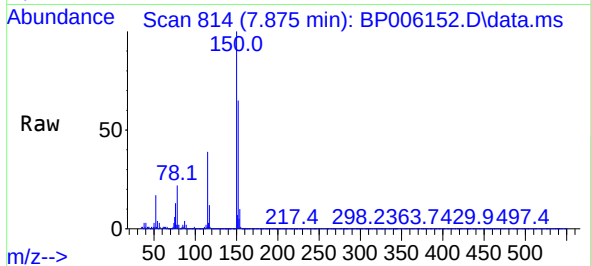




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

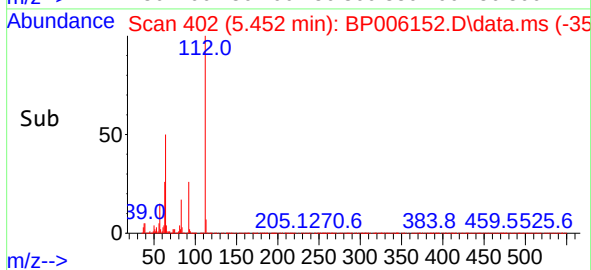
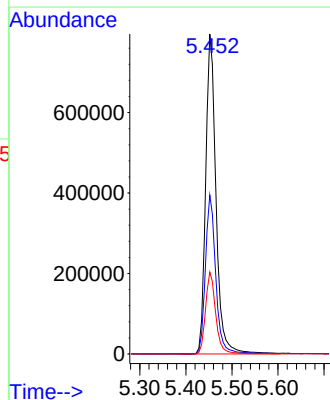
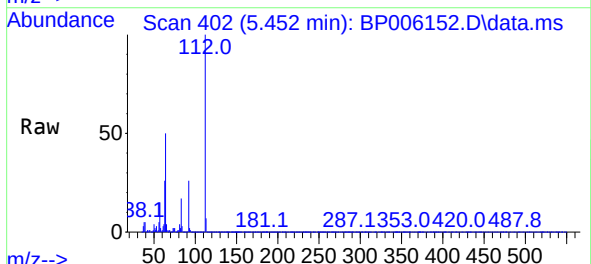
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILE

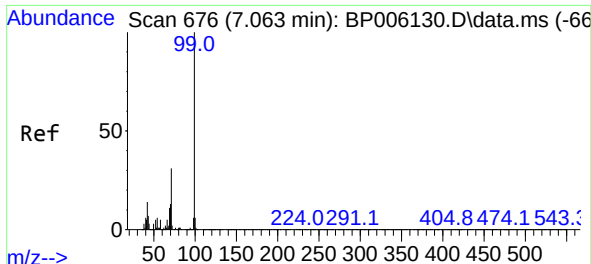
Tgt Ion:152 Resp: 214136
Ion Ratio Lower Upper
152 100
150 154.2 125.6 188.4
115 60.0 48.5 72.7



#5
2-Fluorophenol
Concen: 100.543 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

Tgt Ion:112 Resp: 1251273
Ion Ratio Lower Upper
112 100
64 49.6 41.4 62.2
63 25.6 23.8 35.8

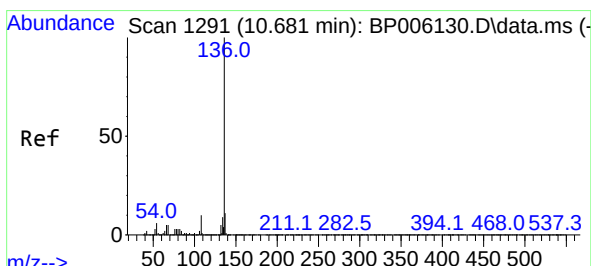
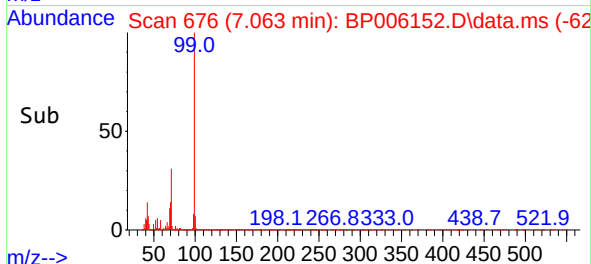
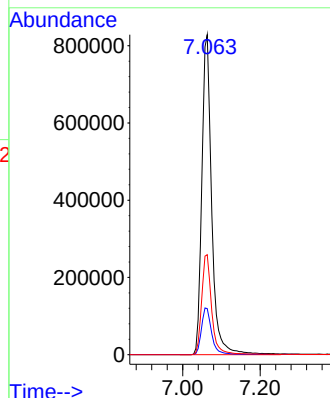
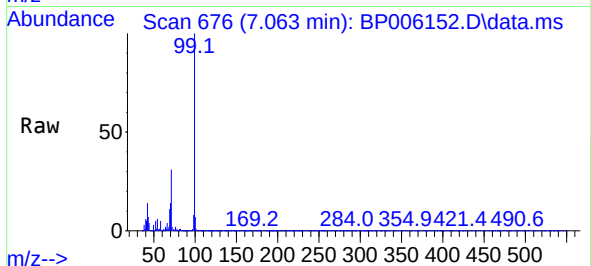




#7
Phenol-d6
Concen: 88.956 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

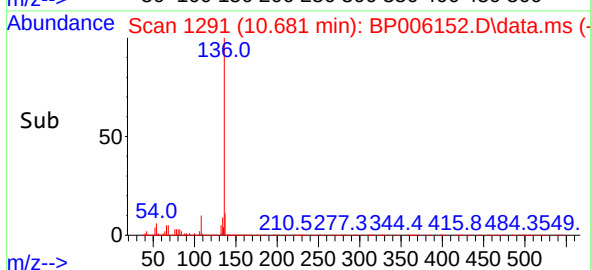
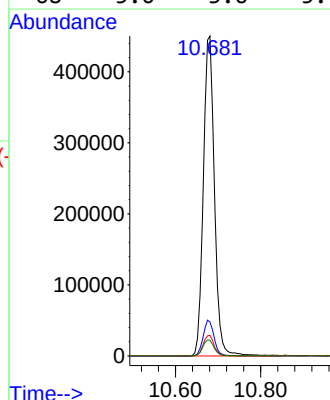
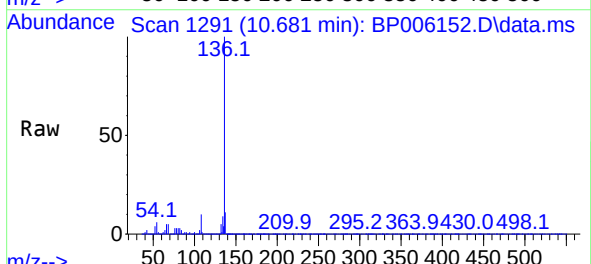
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILE

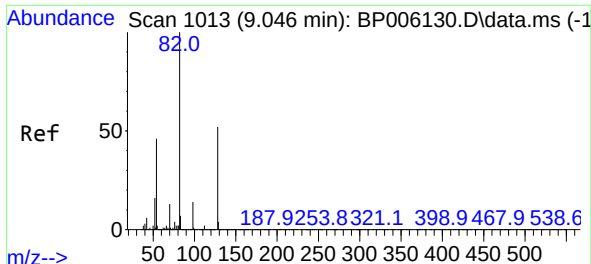
Tgt Ion: 99 Resp: 1464352
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 31.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

Tgt Ion: 136 Resp: 814078
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.4 4.6 6.8
68 5.0 3.6 5.4

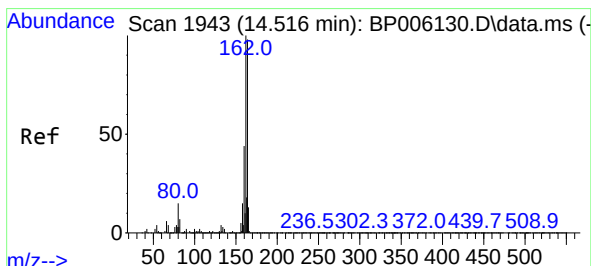
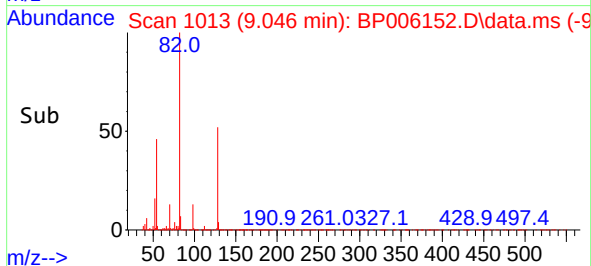
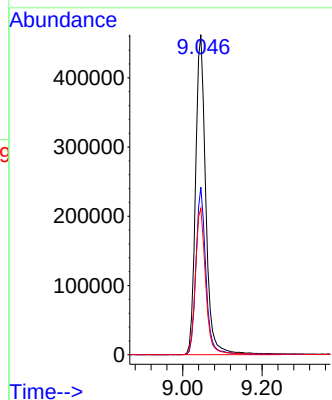
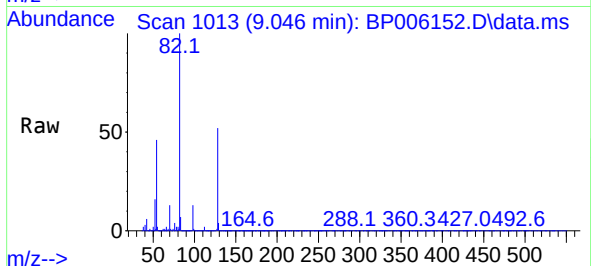




#23
Nitrobenzene-d5
Concen: 64.394 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

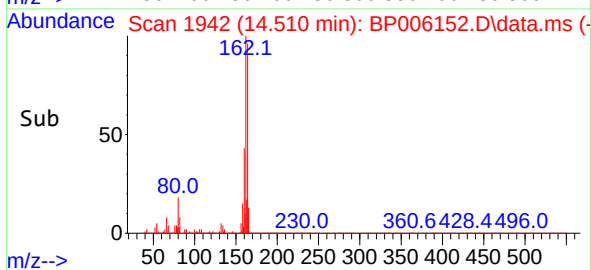
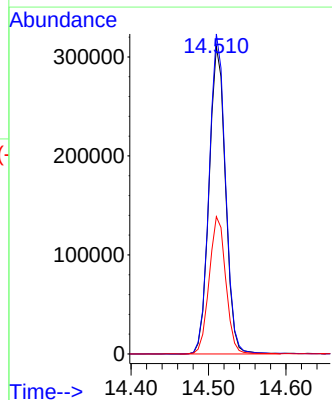
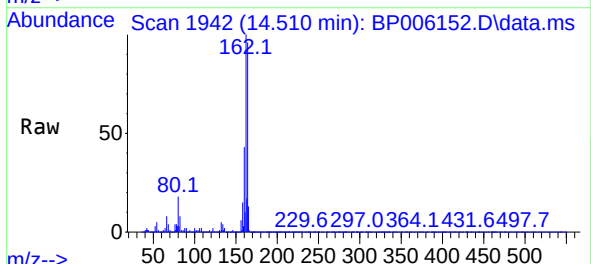
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILE

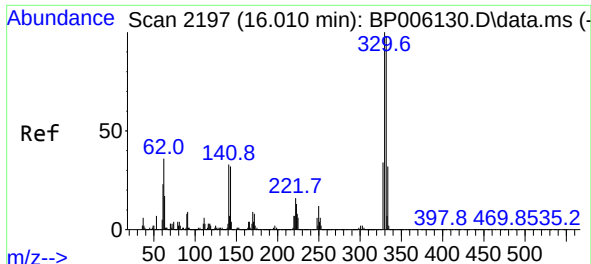
Tgt Ion: 82 Resp: 829920
Ion Ratio Lower Upper
82 100
128 52.4 35.7 53.5
54 45.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

Tgt Ion:164 Resp: 456417
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 44.7 34.5 51.7

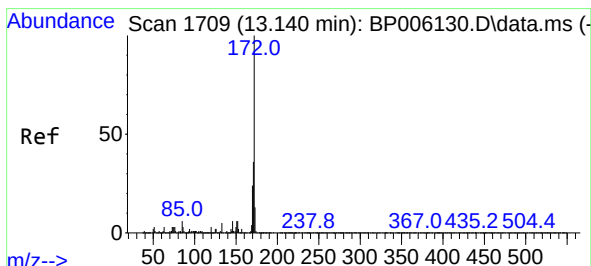
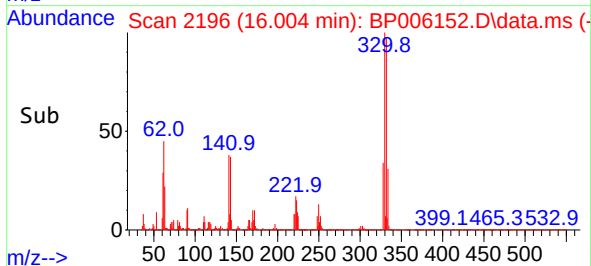
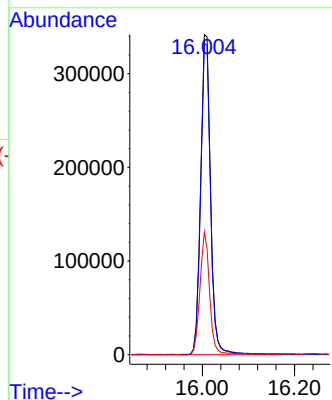
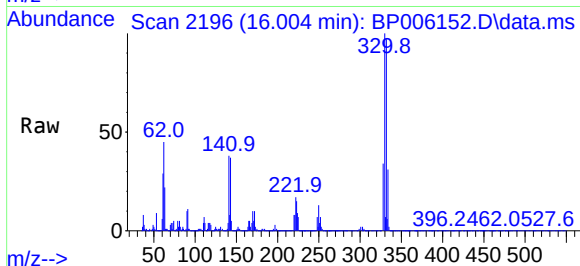




#42
2,4,6-Tribromophenol
Concen: 94.464 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

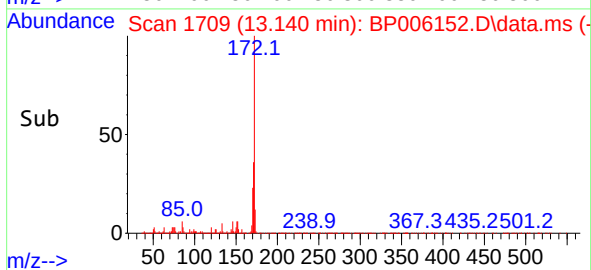
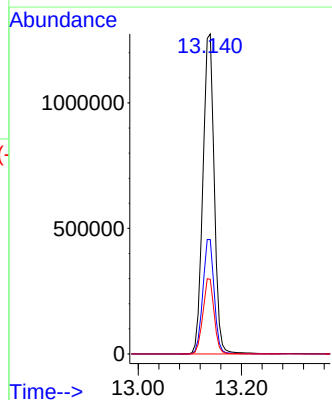
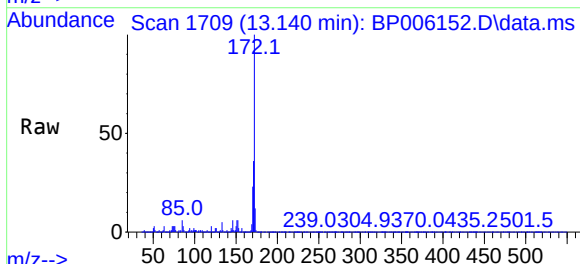
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILE

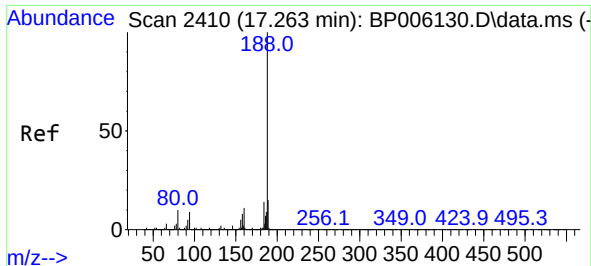
Tgt Ion:330 Resp: 513311
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 37.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 63.045 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

Tgt Ion:172 Resp: 1946412
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.4 18.6 27.8

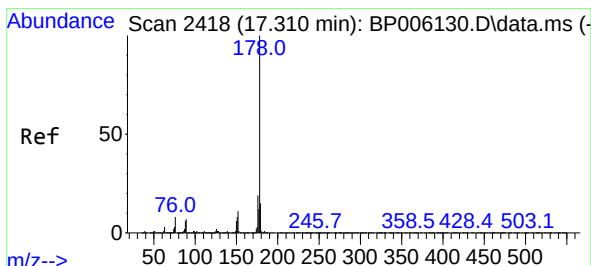
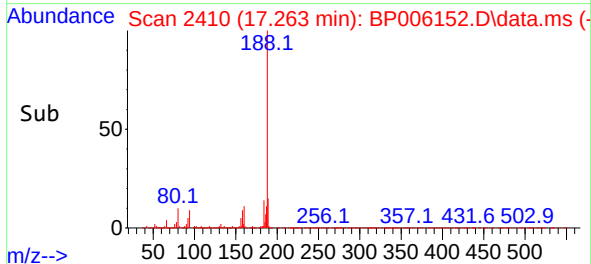
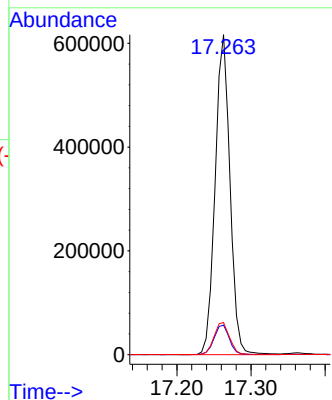
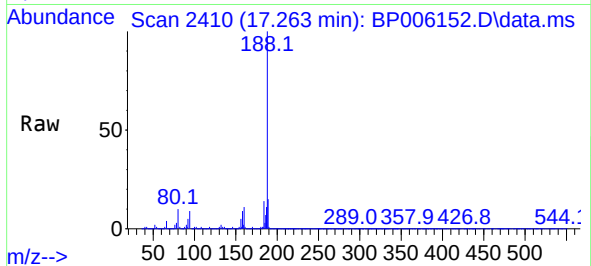




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

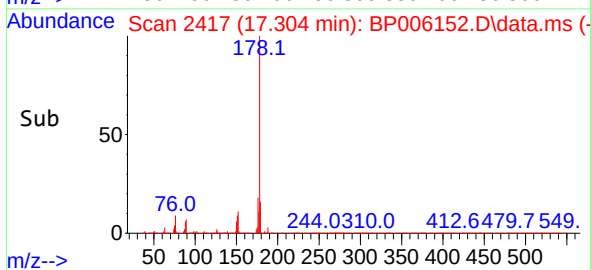
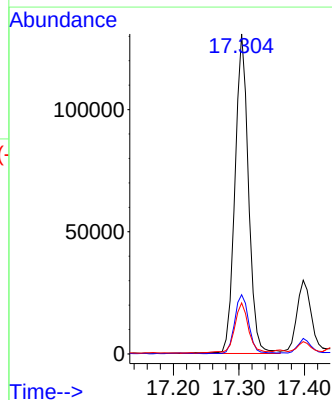
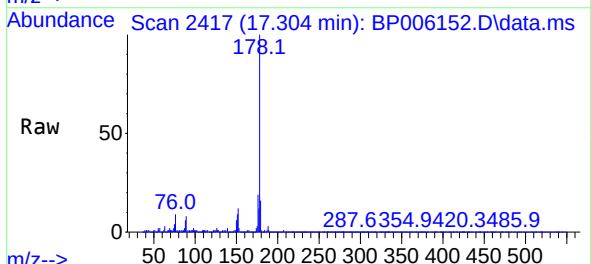
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILE

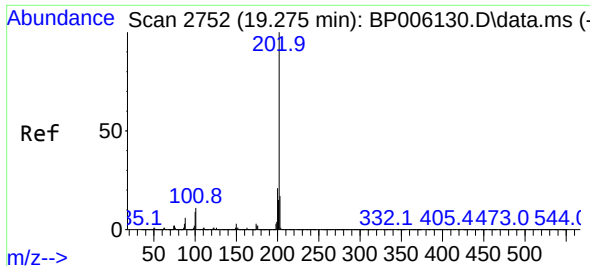
Tgt Ion:188 Resp: 854878
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 10.0 6.3 9.5#



#71
Phenanthrene
Concen: 3.890 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

Tgt Ion:178 Resp: 187790
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.9 12.4 18.6

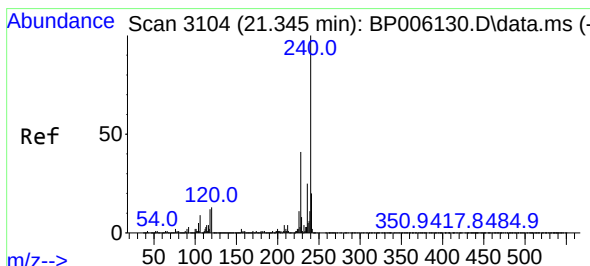
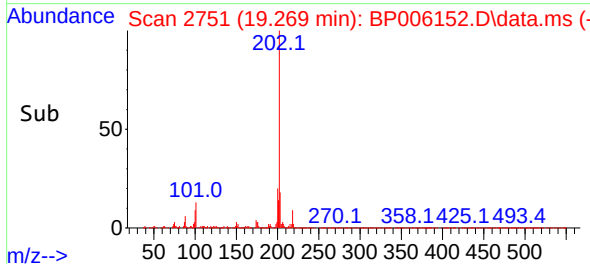
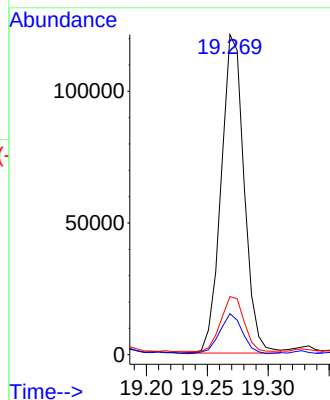
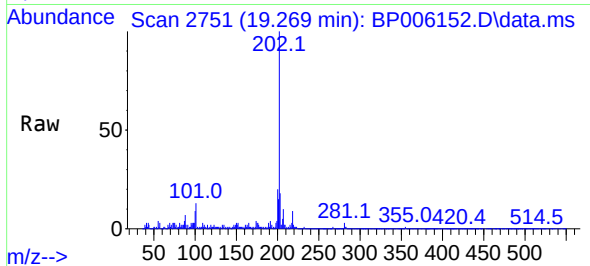




#75
Fluoranthene
Concen: 3.000 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

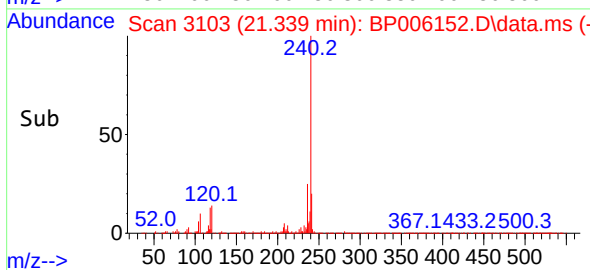
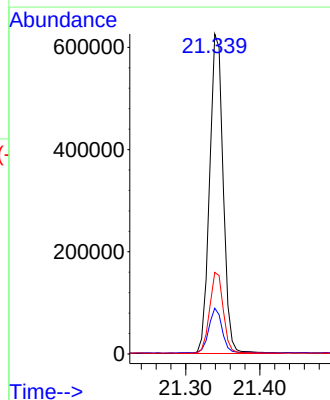
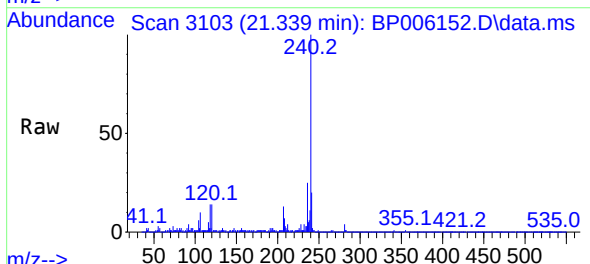
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILE

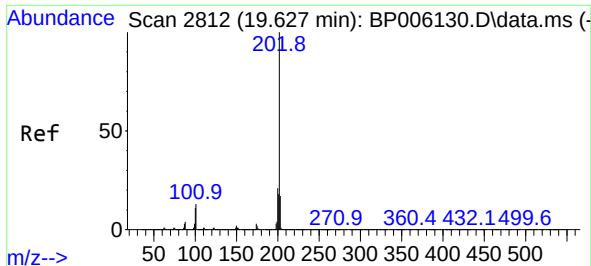
Tgt Ion:	202	Resp:	158724
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	27.6
203	18.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

Tgt Ion:	240	Resp:	796648
Ion Ratio	Lower	Upper	
240	100		
120	14.3	6.5	9.7#
236	25.5	20.6	31.0

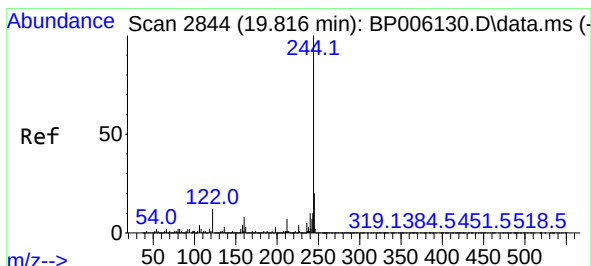
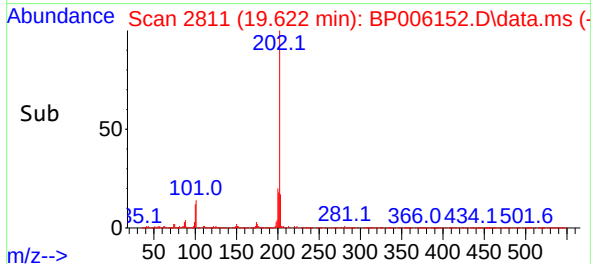
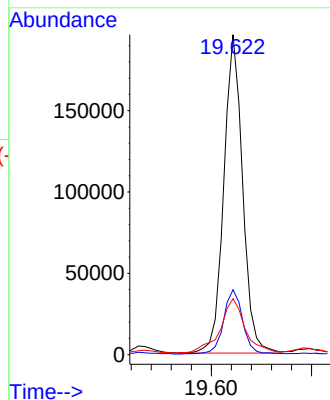
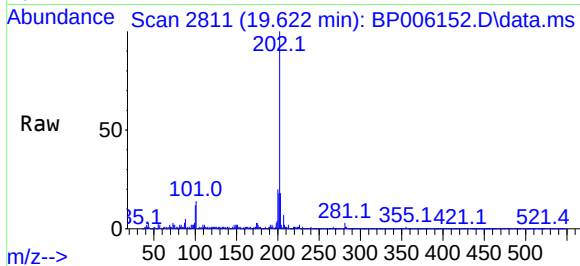




#78
 Pyrene
 Concen: 4.738 ng
 RT: 19.622 min Scan# 2811
 Delta R.T. -0.006 min
 Lab File: BP006152.D
 Acq: 08 Jul 2021 22:07

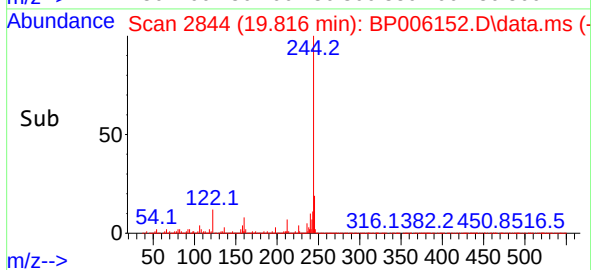
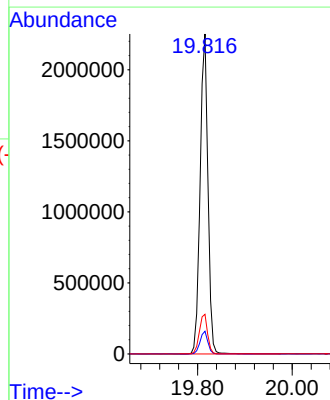
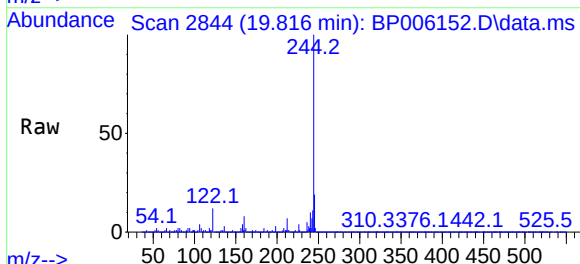
Instrument :
 BNA_P
 ClientSampleId :
 D9-SOIL-PILE

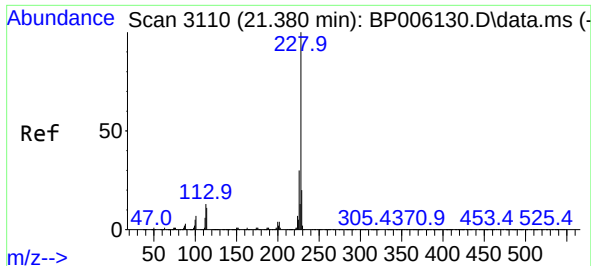
Tgt Ion:202 Resp: 255099
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.3 24.5
 203 17.5 14.2 21.2



#79
 Terphenyl-d14
 Concen: 63.434 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: BP006152.D
 Acq: 08 Jul 2021 22:07

Tgt Ion:244 Resp: 2563084
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.4 7.1 10.7#

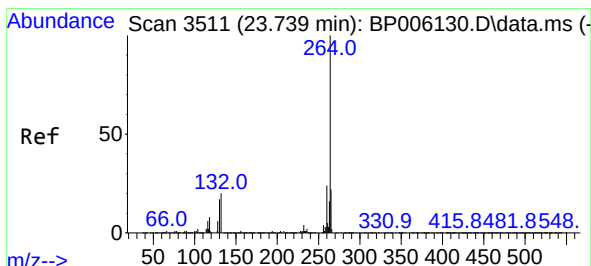
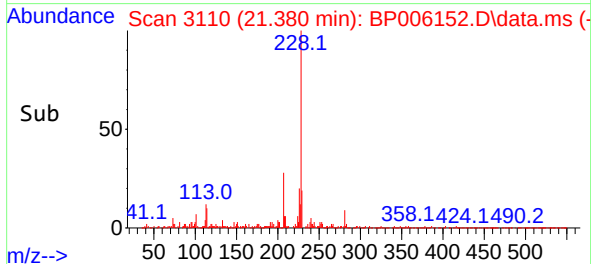
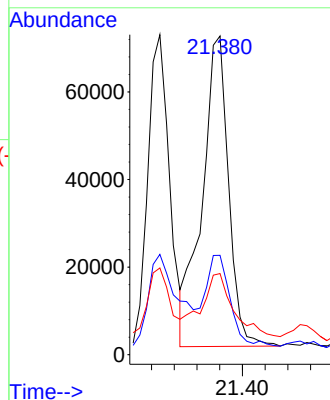
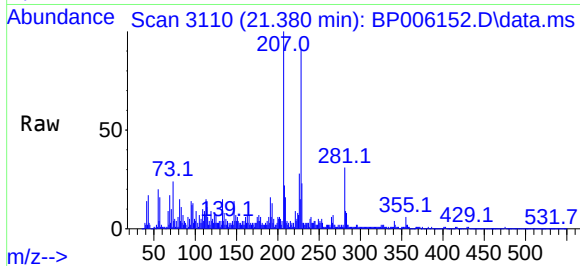




#83
Chrysene
Concen: 2.310 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILE

Tgt Ion:228 Resp: 115041
Ion Ratio Lower Upper
228 100
226 31.2 23.8 35.6
229 25.4 15.4 23.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP006152.D
Acq: 08 Jul 2021 22:07

Tgt Ion:264 Resp: 926887
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.7 17.6 26.4

