

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006139.D
 Acq On : 08 Jul 2021 14:44
 Operator : CG/JU
 Sample : M2947-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C7-SOIL-PILE

Quant Time: Jul 08 15:27:22 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	202787	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	797451	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	470983	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	918729	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	859100	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	962815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1158475	98.296	ng	0.00
7) Phenol-d6	7.064	99	1402966	89.997	ng	0.00
23) Nitrobenzene-d5	9.046	82	813895	64.468	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	495209	88.314	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	1916276	60.149	ng	0.00
79) Terphenyl-d14	19.816	244	2584722	59.319	ng	0.00

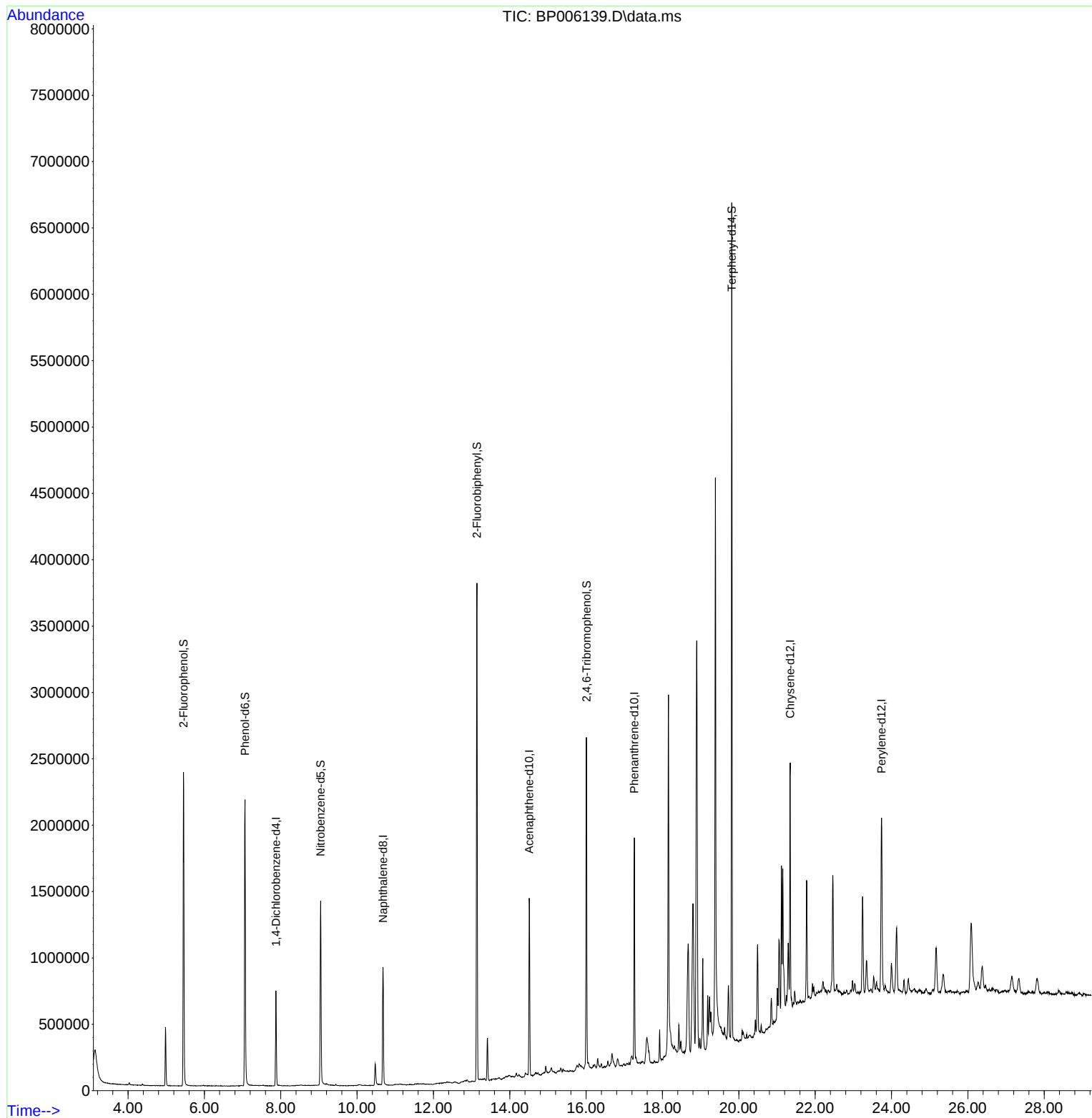
Target Compounds	Qvalue

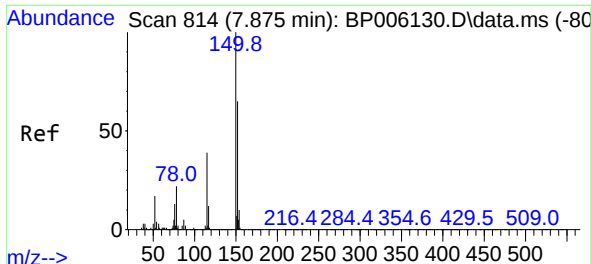
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
Data File : BP006139.D
Acq On : 08 Jul 2021 14:44
Operator : CG/JU
Sample : M2947-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C7-SOIL-PILE

Quant Time: Jul 08 15:27:22 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

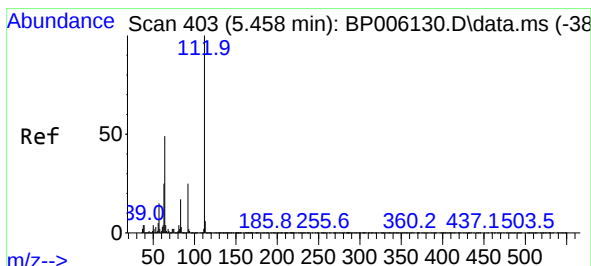
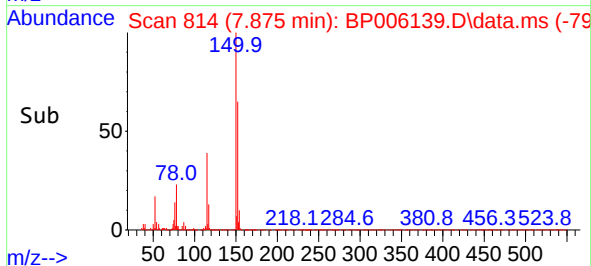
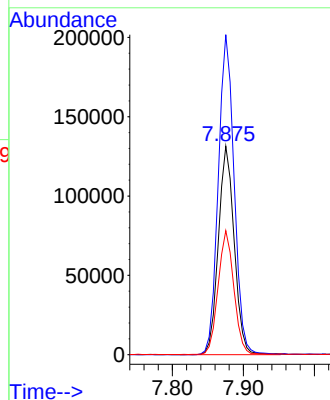
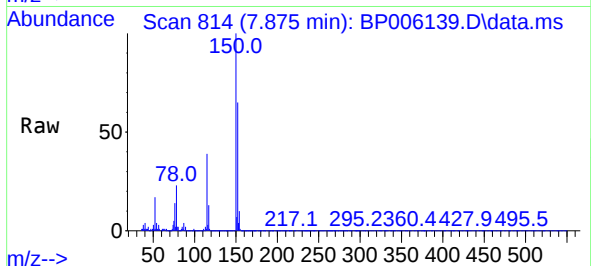




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

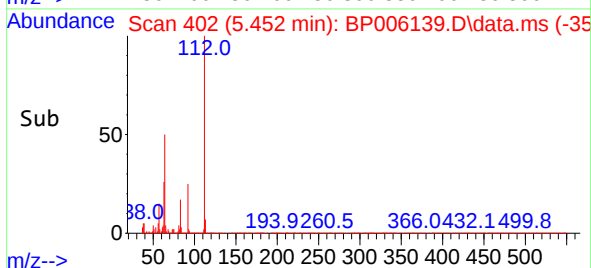
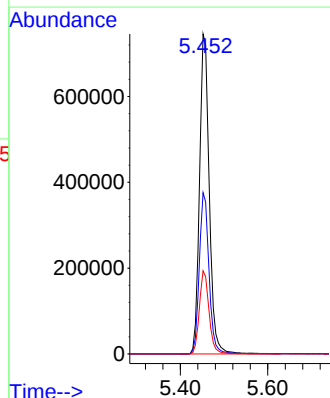
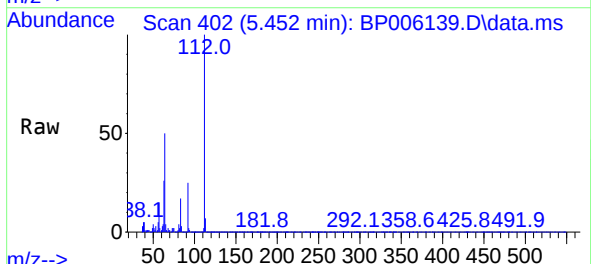
Instrument :
BNA_P
ClientSampleId :
C7-SOIL-PILE

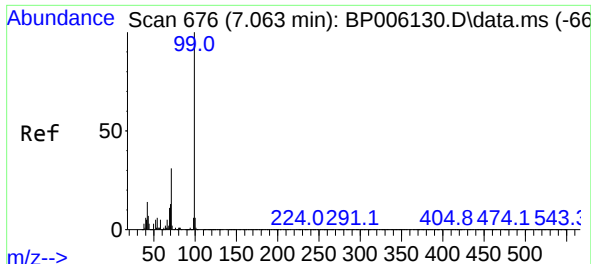
Tgt Ion:152 Resp: 202787
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 59.4 48.5 72.7



#5
2-Fluorophenol
Concen: 98.296 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:112 Resp: 1158475
Ion Ratio Lower Upper
112 100
64 50.4 41.4 62.2
63 26.0 23.8 35.8



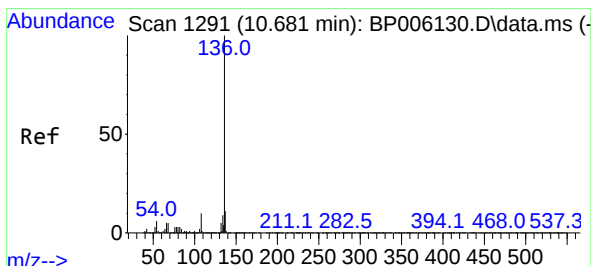
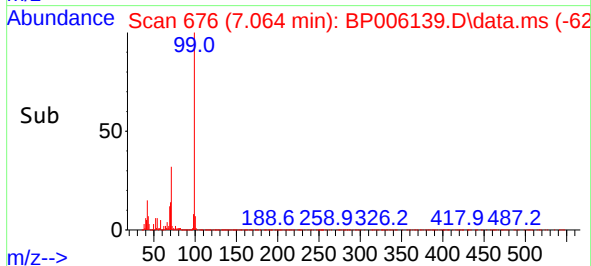
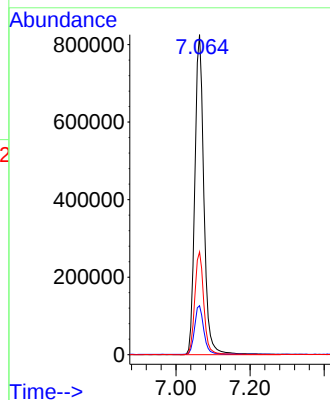
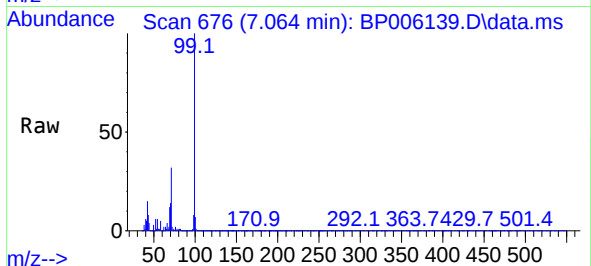


#7
Phenol-d6
Concen: 89.997 ng
RT: 7.064 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Instrument :
BNA_P
ClientSampleId :
C7-SOIL-PILE

Tgt Ion: 99 Resp: 1402966

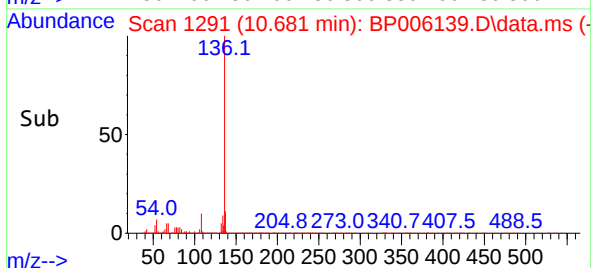
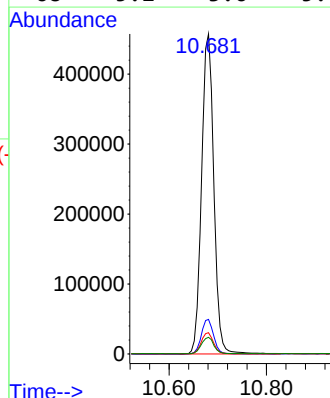
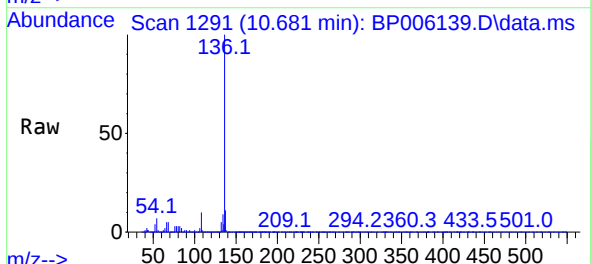
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.0
71	32.1	30.6	46.0

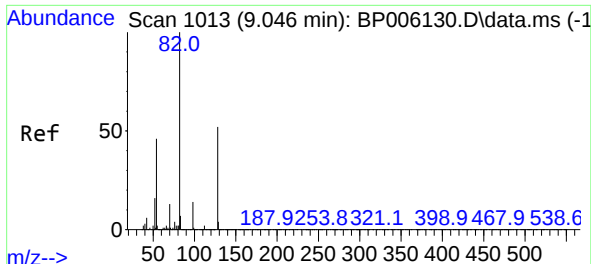


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion: 136 Resp: 797451

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.6	4.6	6.8
68	5.2	3.6	5.4

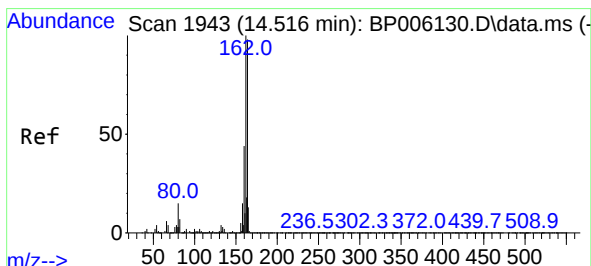
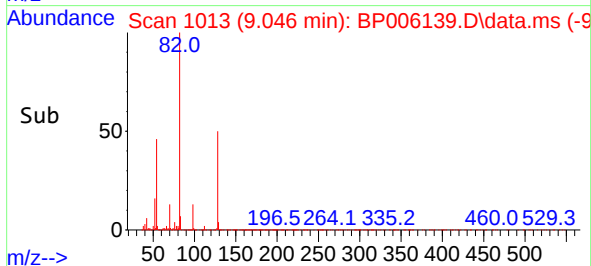
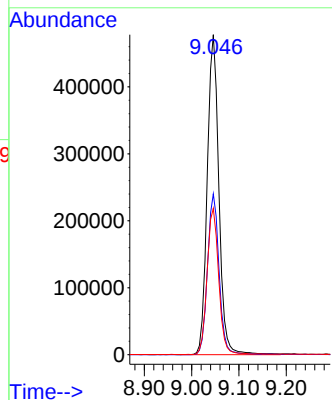
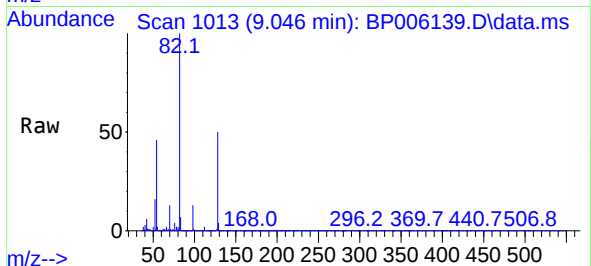




#23
Nitrobenzene-d5
Concen: 64.468 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

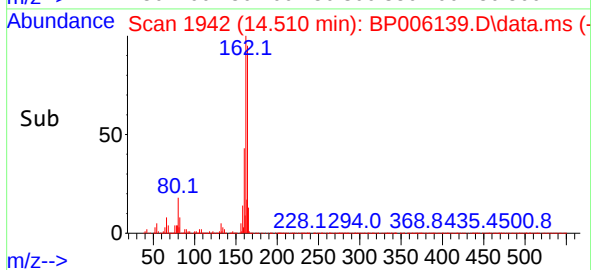
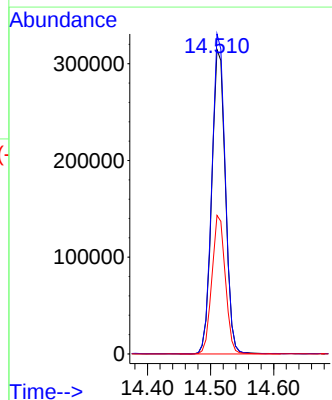
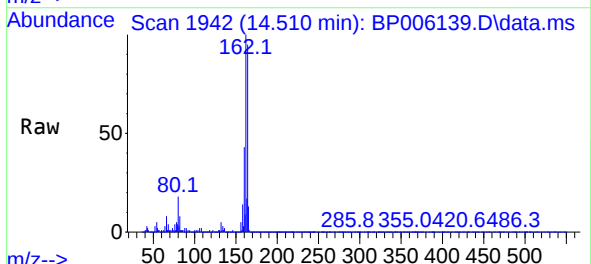
Instrument :
BNA_P
ClientSampleId :
C7-SOIL-PILE

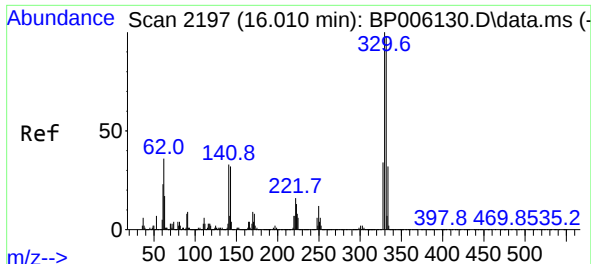
Tgt Ion: 82 Resp: 813895
Ion Ratio Lower Upper
82 100
128 50.2 35.7 53.5
54 45.7 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:164 Resp: 470983
Ion Ratio Lower Upper
164 100
162 105.2 80.2 120.2
160 45.6 34.5 51.7

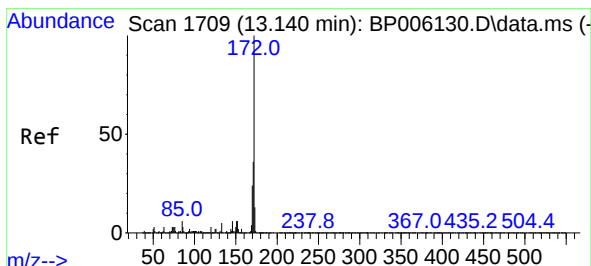
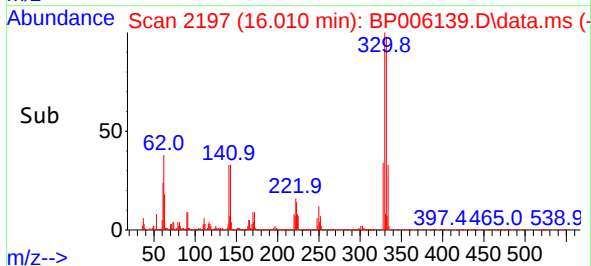
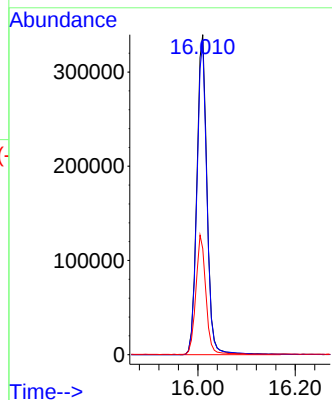
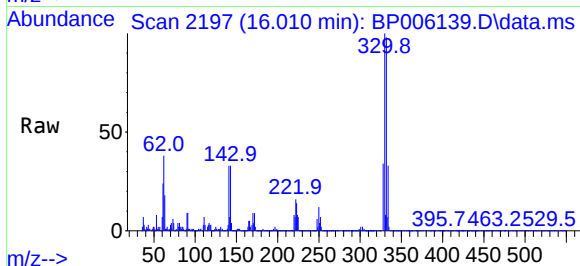




#42
2,4,6-Tribromophenol
Concen: 88.314 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

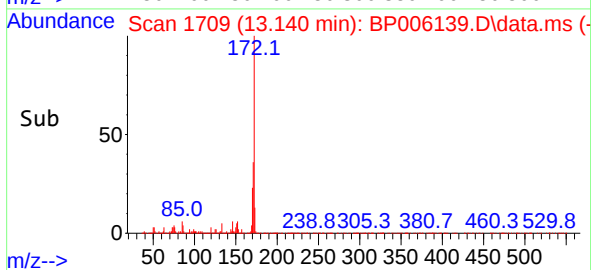
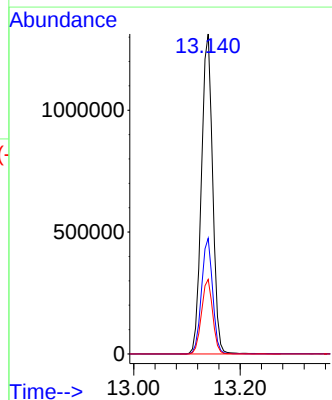
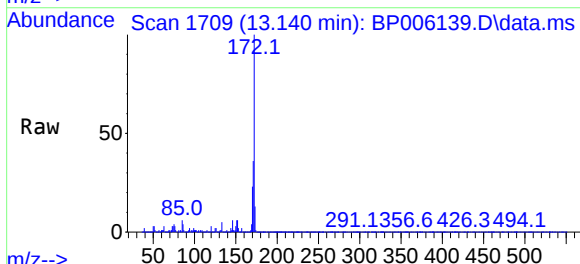
Instrument :
BNA_P
ClientSampleId :
C7-SOIL-PILE

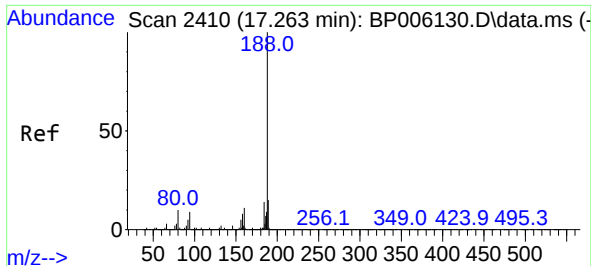
Tgt Ion:330 Resp: 495209
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 36.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 60.149 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:172 Resp: 1916276
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.3 18.6 27.8

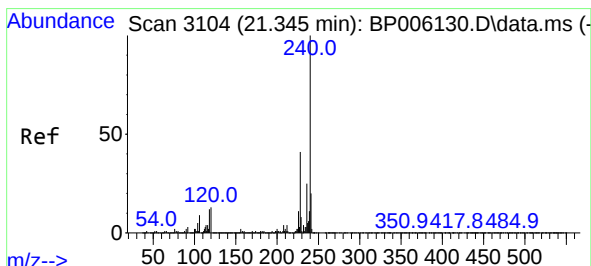
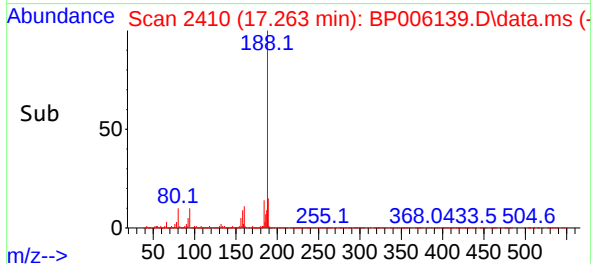
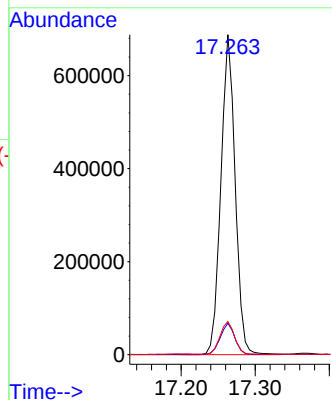
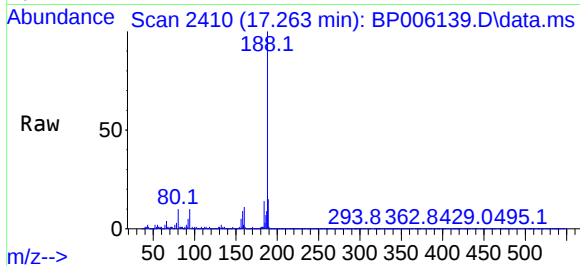




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

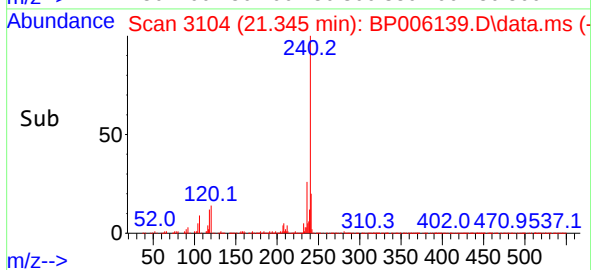
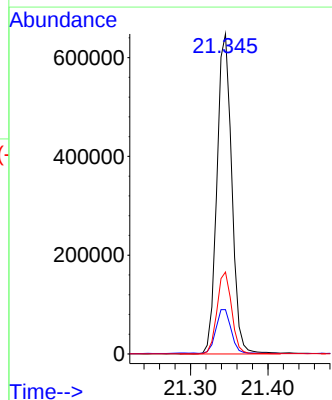
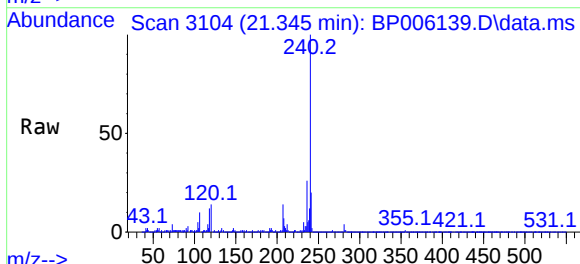
Instrument :
BNA_P
ClientSampleId :
C7-SOIL-PILE

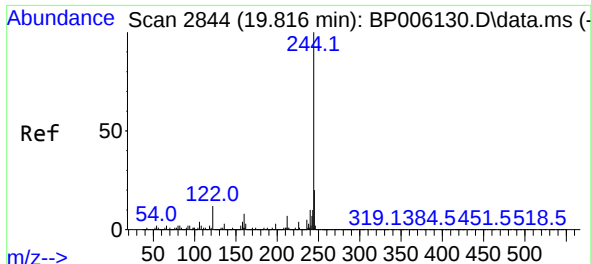
Tgt Ion:188 Resp: 918729
Ion Ratio Lower Upper
188 100
94 9.9 5.6 8.4#
80 10.4 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:240 Resp: 859100
Ion Ratio Lower Upper
240 100
120 13.8 6.5 9.7#
236 25.6 20.6 31.0

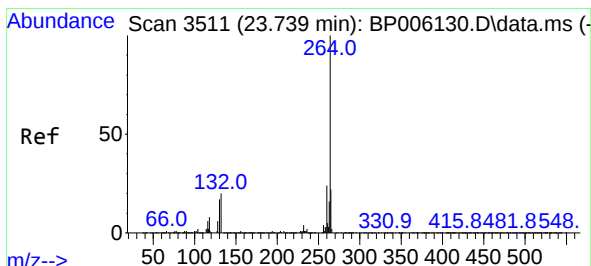
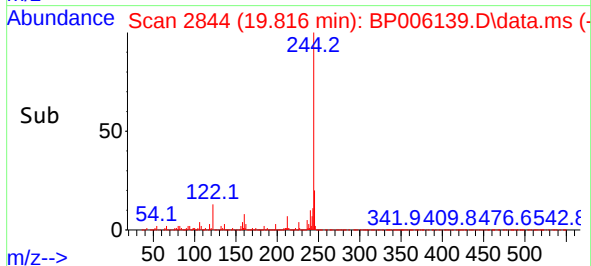
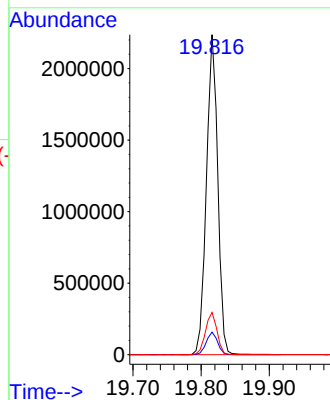
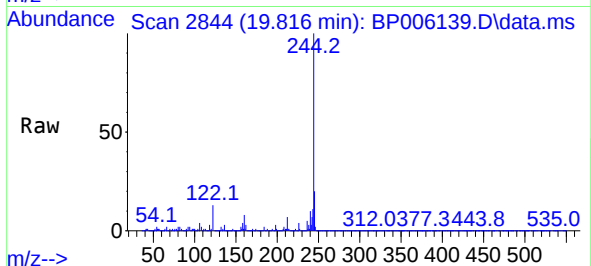




#79
Terphenyl-d14
Concen: 59.319 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Instrument :
BNA_P
ClientSampleId :
C7-SOIL-PILE

Tgt Ion:244 Resp: 2584722
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.2 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:264 Resp: 962815
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.5 17.6 26.4

