

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006144.D
 Acq On : 08 Jul 2021 17:35
 Operator : CG/JU
 Sample : M2947-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-BANK-2

Quant Time: Jul 08 18:03:06 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)

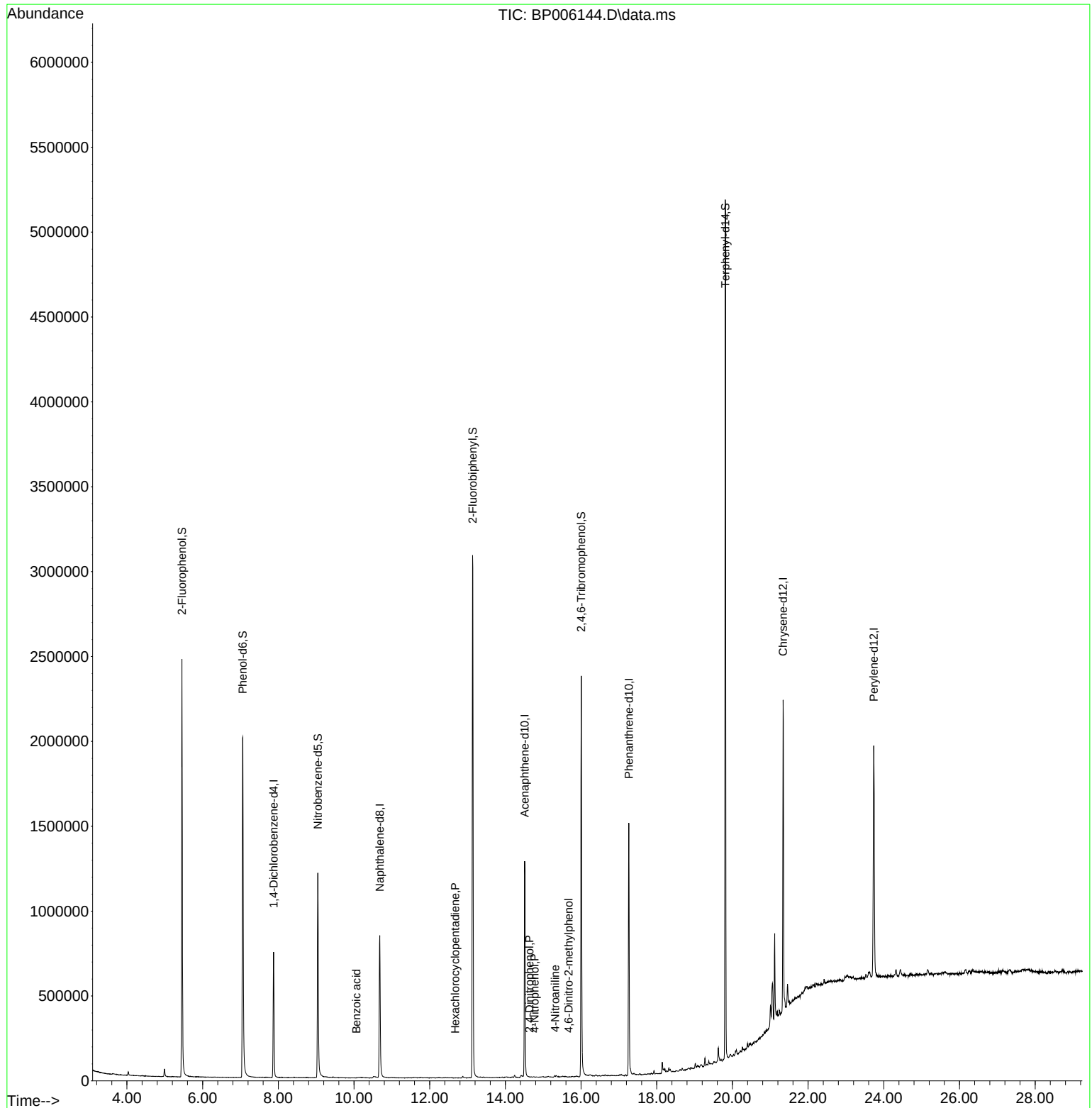
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	216929	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	822154	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	457482	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	870473	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	850683	20.000	ng	# 0.00
86) Perylene-d12	23.733	264	999789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1202012	95.341	ng	0.00
7) Phenol-d6	7.058	99	1408448	84.458	ng	0.00
23) Nitrobenzene-d5	9.046	82	787193	60.479	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	470067	86.304	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	1687464	54.530	ng	0.00
79) Terphenyl-d14	19.816	244	2297180	53.242	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.063	122	36	6.906	ng	# 1
41) Hexachlorocyclopentadiene	12.675	237	20	8.710	ng	78
54) 2,4-Dinitrophenol	14.634	184	43	8.889	ng	# 1
56) 4-Nitrophenol	14.775	139	49	7.132	ng	# 1
62) 4-Nitroaniline	15.316	138	52	2.965	ng	86
65) 4,6-Dinitro-2-methylph...	15.675	198	14	4.421	ng	# 1

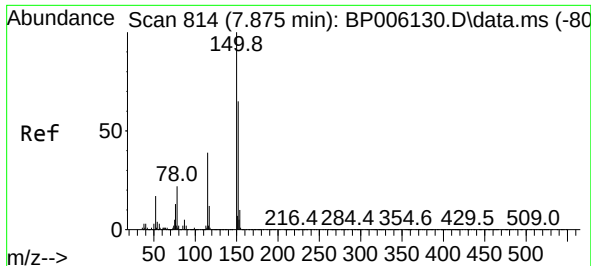
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
Data File : BP006144.D
Acq On : 08 Jul 2021 17:35
Operator : CG/JU
Sample : M2947-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

Quant Time: Jul 08 18:03:06 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

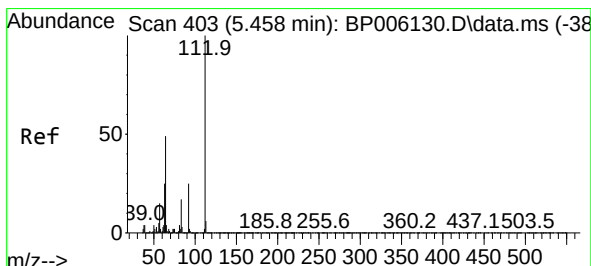
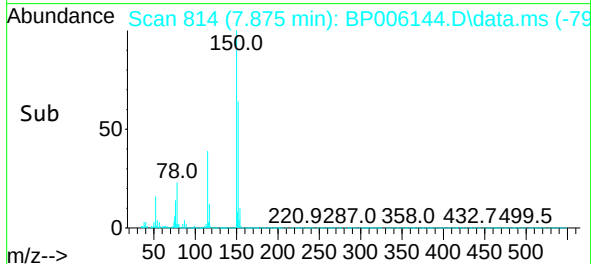
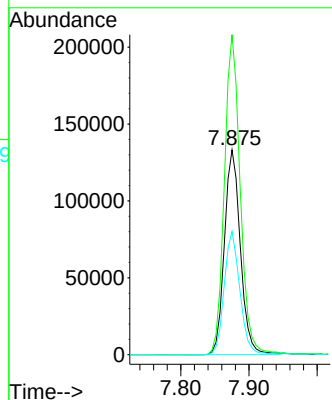
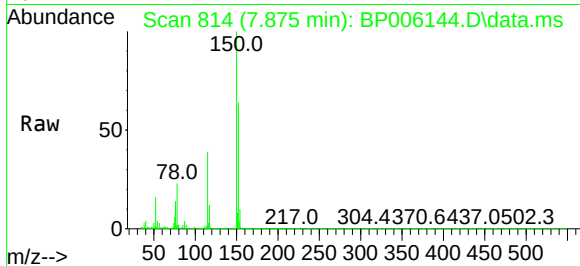




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

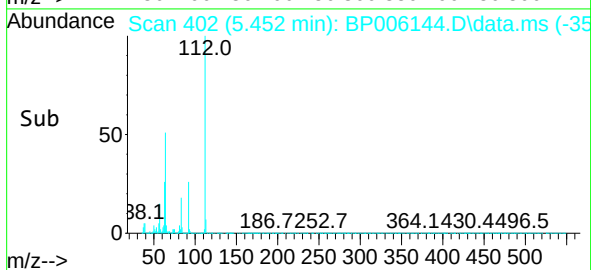
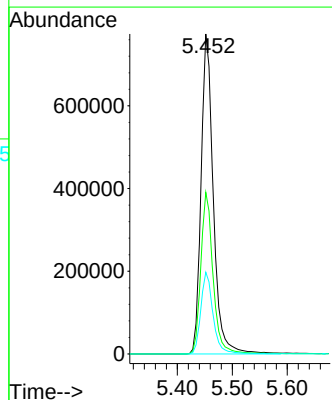
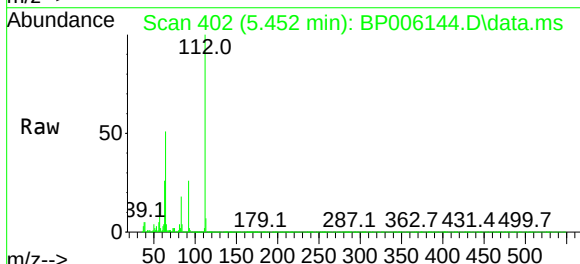
Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

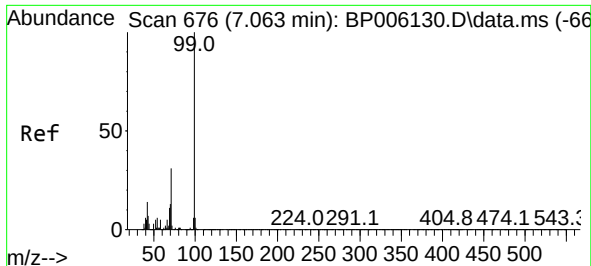
Tgt Ion:152 Resp: 216929
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 60.2 48.5 72.7



#5
2-Fluorophenol
Concen: 95.341 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion:112 Resp: 1202012
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 25.5 23.8 35.8

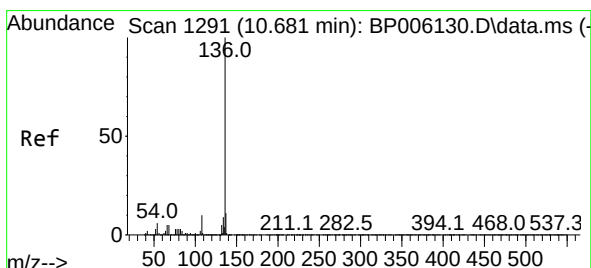
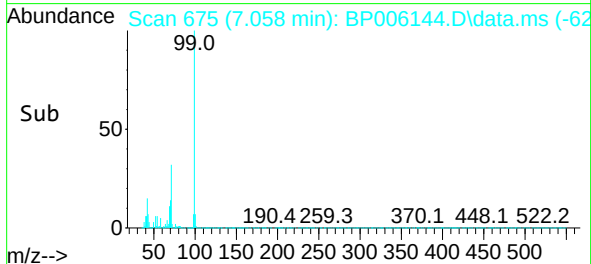
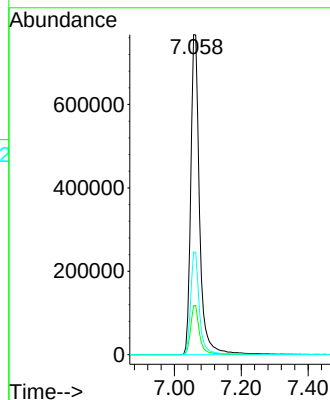
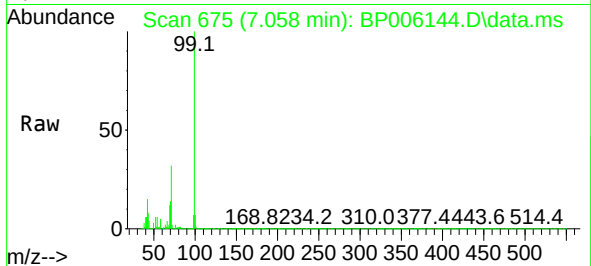




#7
Phenol-d6
Concen: 84.458 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

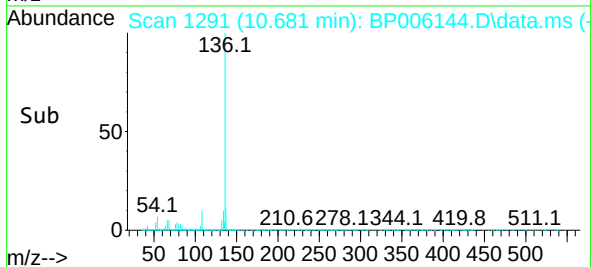
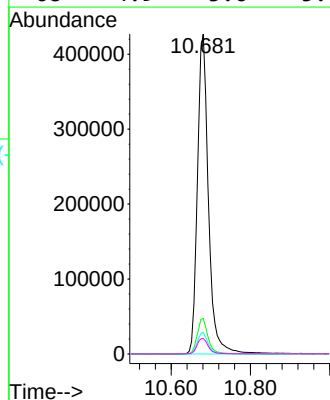
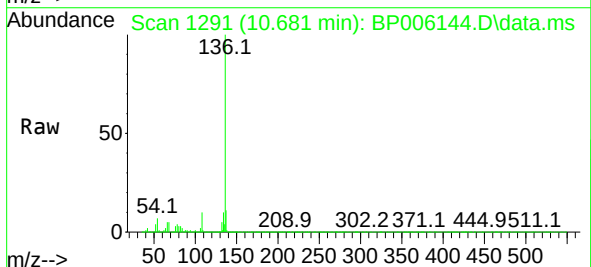
Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

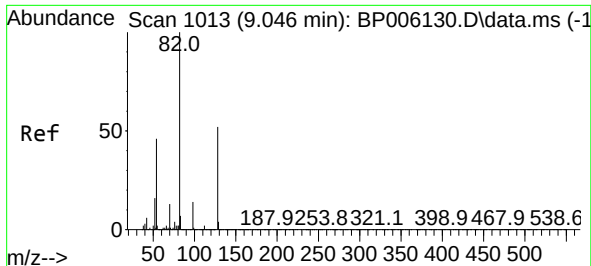
Tgt Ion: 99 Resp: 1408448
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 32.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion: 136 Resp: 822154
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.8 4.6 6.8
68 4.9 3.6 5.4

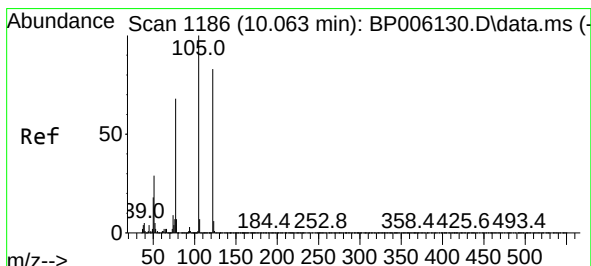
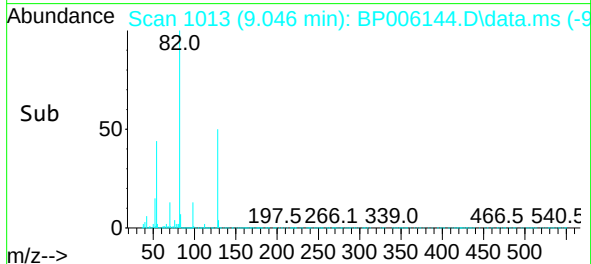
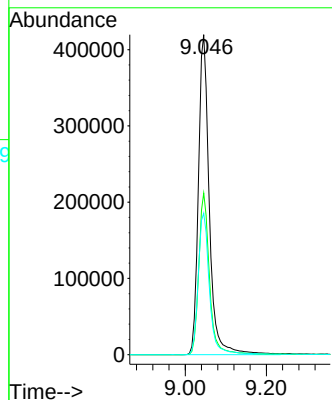
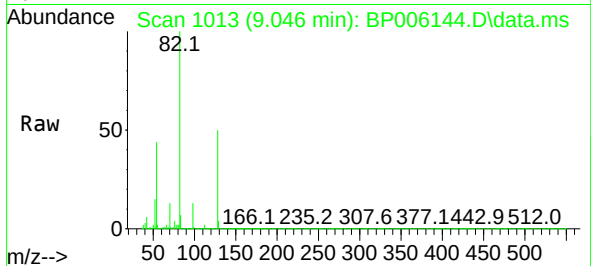




#23
Nitrobenzene-d5
Concen: 60.479 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

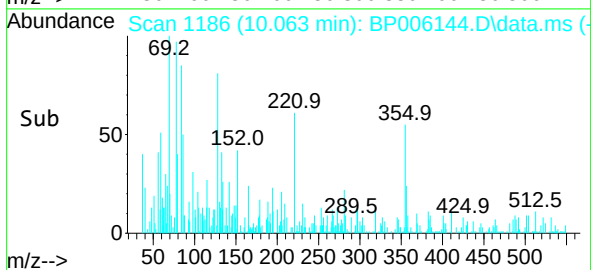
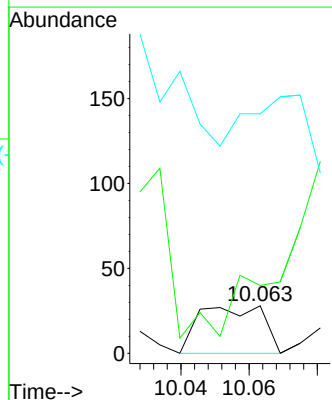
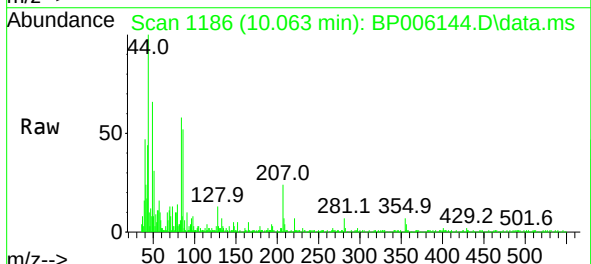
Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

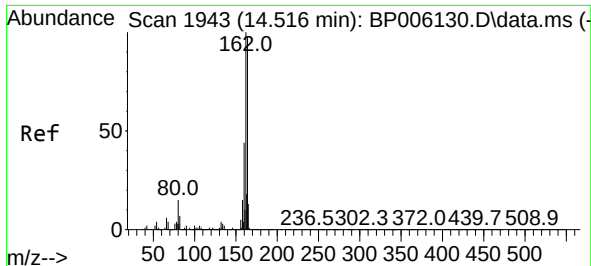
Tgt Ion: 82 Resp: 787193
Ion Ratio Lower Upper
82 100
128 50.5 35.7 53.5
54 44.2 35.0 52.4



#32
Benzoic acid
Concen: 6.906 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion: 122 Resp: 36
Ion Ratio Lower Upper
122 100
105 142.9 103.2 143.2
77 503.6 76.2 116.2#

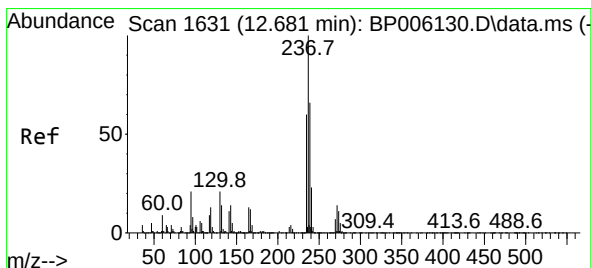
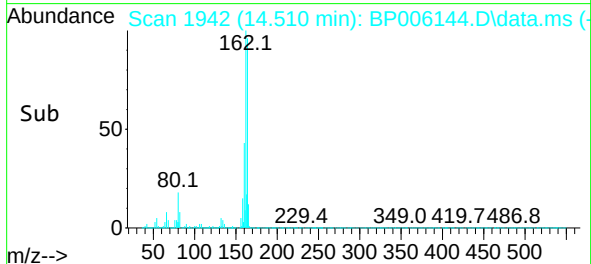
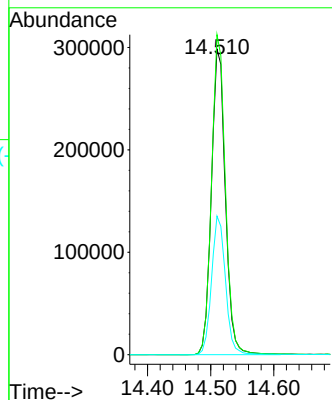
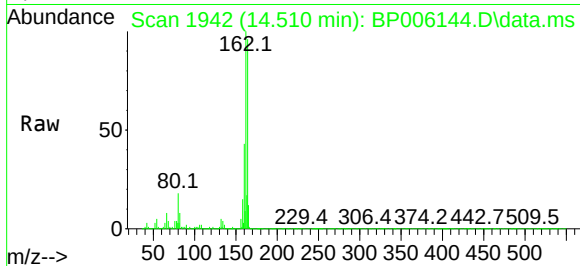




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

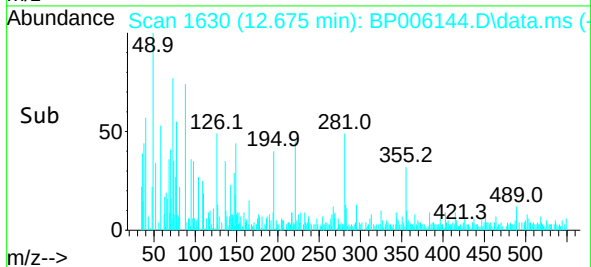
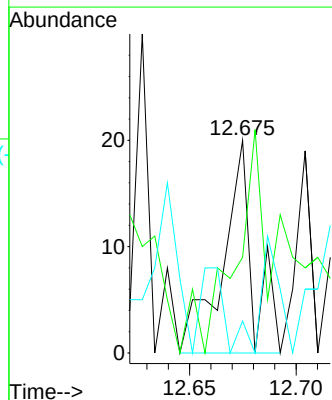
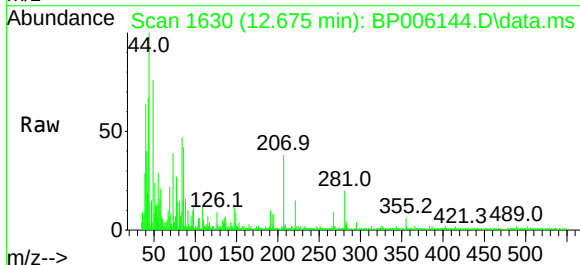
Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

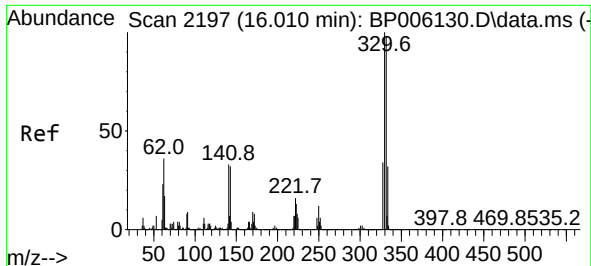
Tgt Ion:164 Resp: 457482
Ion Ratio Lower Upper
164 100
162 104.7 80.2 120.2
160 45.4 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.710 ng
RT: 12.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion:237 Resp: 20
Ion Ratio Lower Upper
237 100
235 45.0 44.5 84.5
272 15.0 0.0 32.5

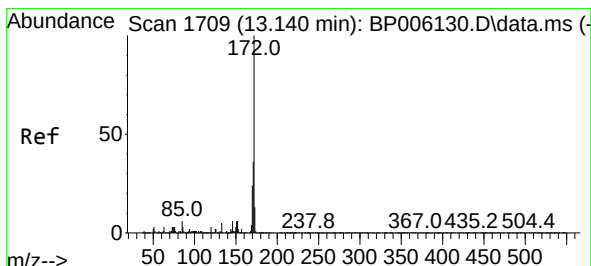
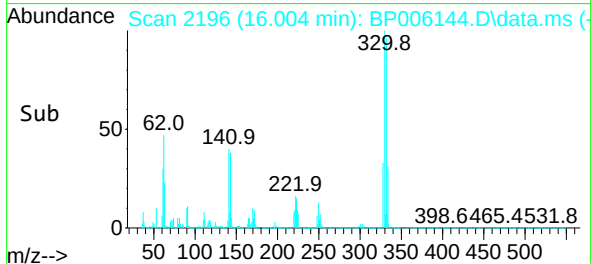
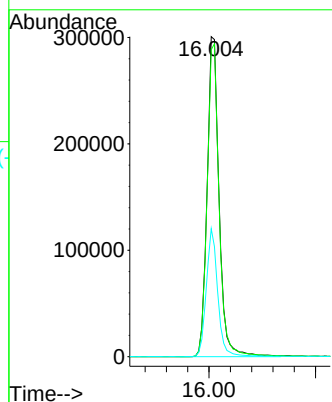
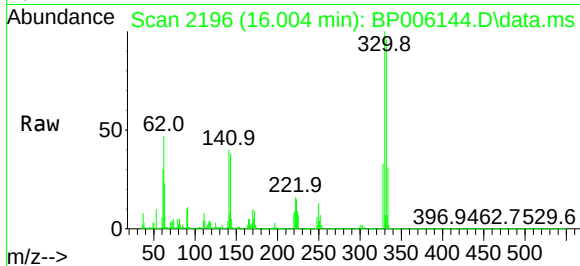




#42
2,4,6-Tribromophenol
Concen: 86.304 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

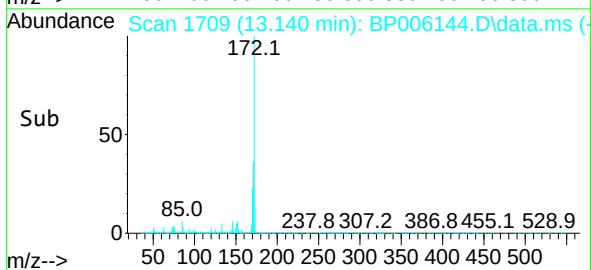
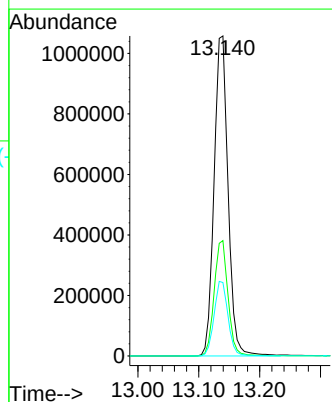
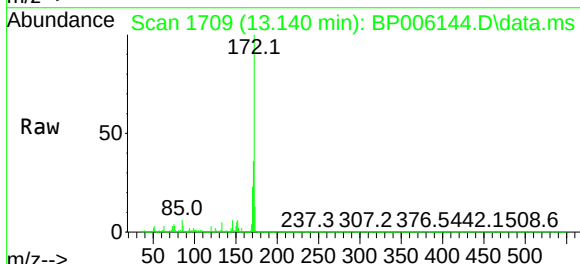
Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

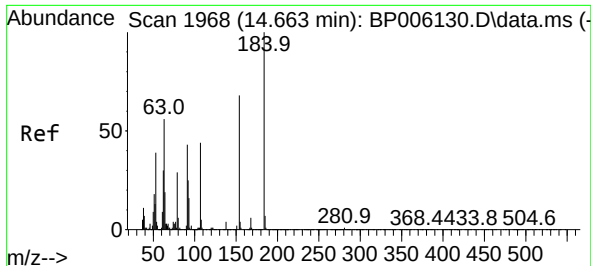
Tgt Ion:330 Resp: 470067
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 38.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 54.530 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion:172 Resp: 1687464
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.0 18.6 27.8

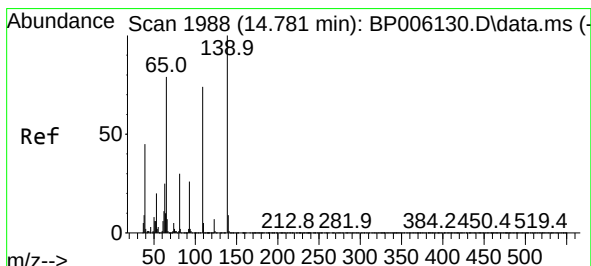
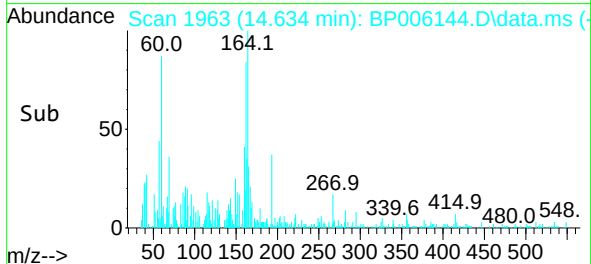
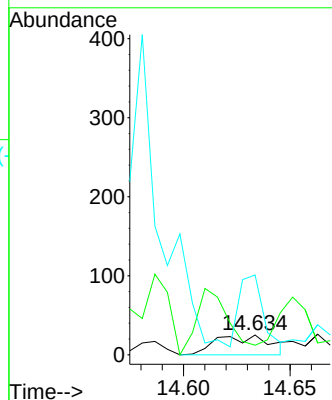
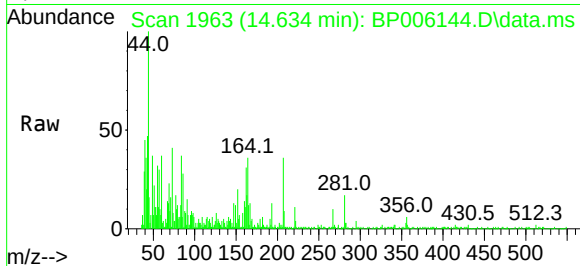




#54
2,4-Dinitrophenol
Concen: 8.889 ng
RT: 14.634 min Scan# 1963
Delta R.T. -0.029 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

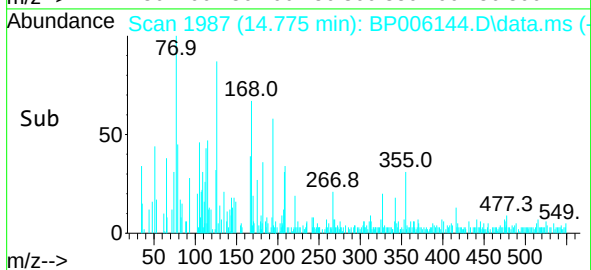
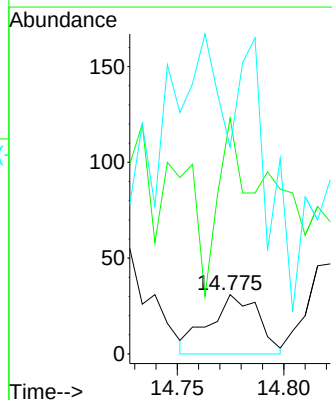
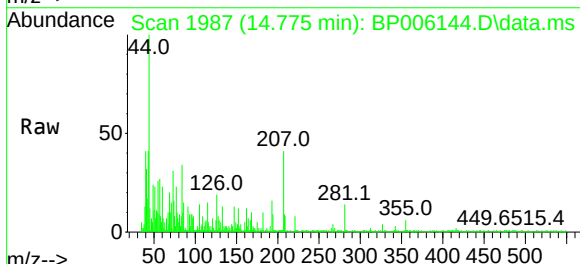
Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

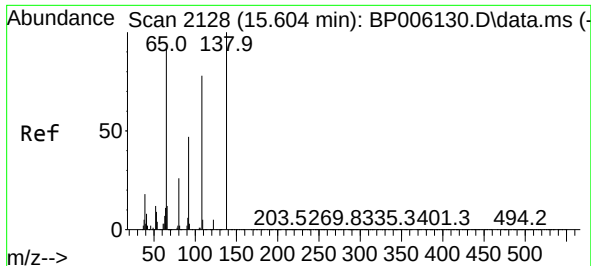
Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 48.0 47.0 70.6
154 404.0 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.132 ng
RT: 14.775 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion:139 Resp: 49
Ion Ratio Lower Upper
139 100
109 396.8 72.3 112.3#
65 348.4 72.5 112.5#

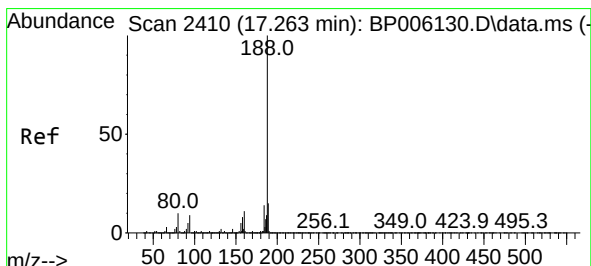
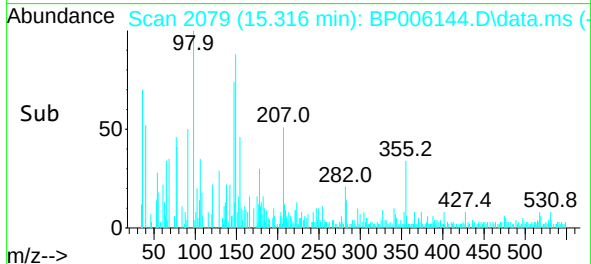
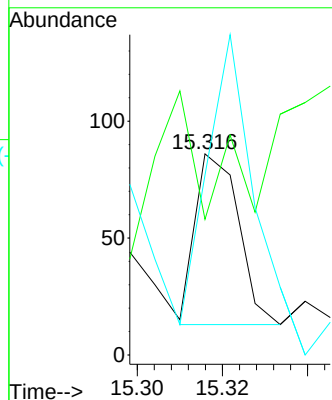
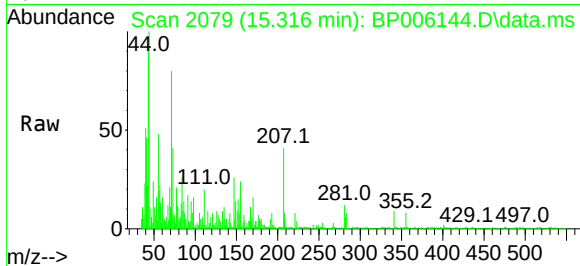




#62
4-Nitroaniline
Concen: 2.965 ng
RT: 15.316 min Scan# 2079
Delta R.T. -0.288 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

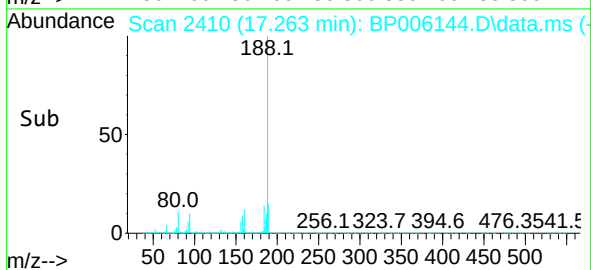
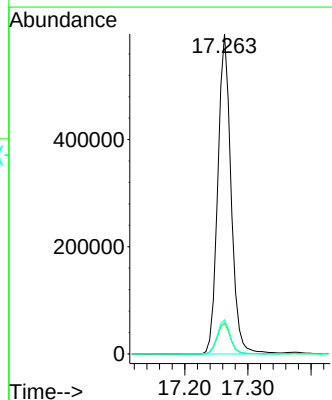
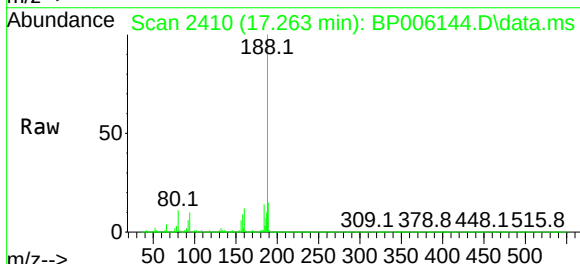
Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

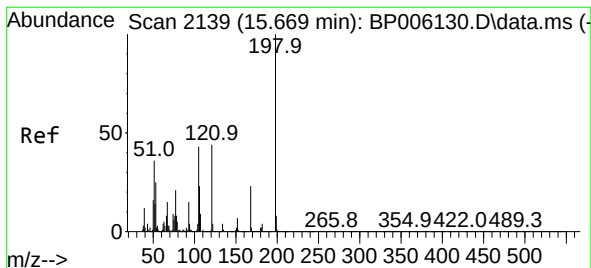
Tgt Ion:138 Resp: 52
Ion Ratio Lower Upper
138 100
92 67.4 31.2 71.2
108 89.5 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion:188 Resp: 870473
Ion Ratio Lower Upper
188 100
94 9.6 5.6 8.4#
80 10.7 6.3 9.5#

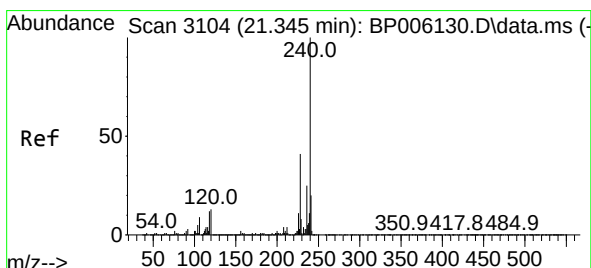
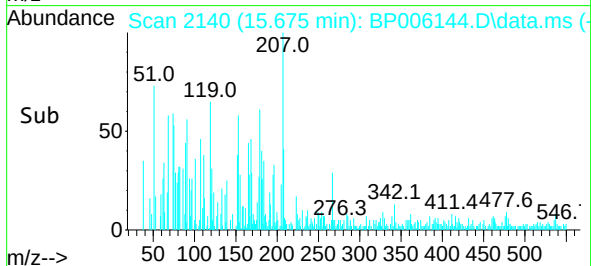
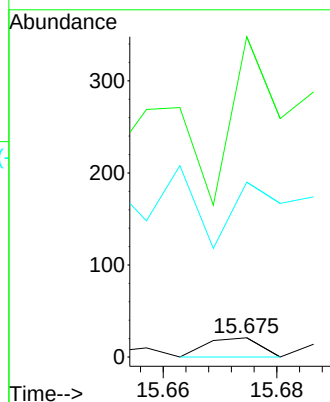
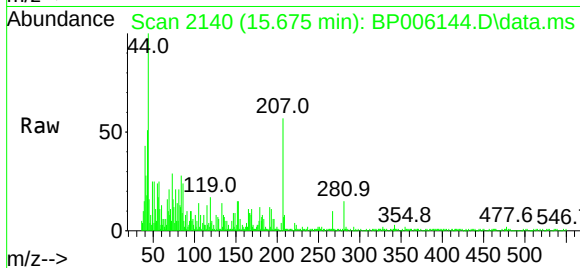




#65
4,6-Dinitro-2-methylphenol
Concen: 4.421 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

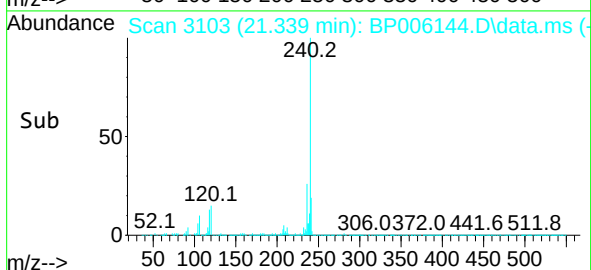
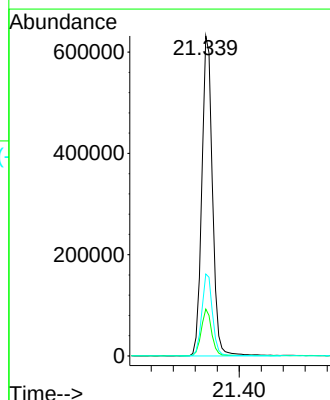
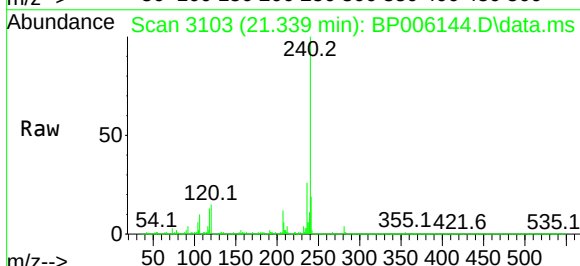
Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

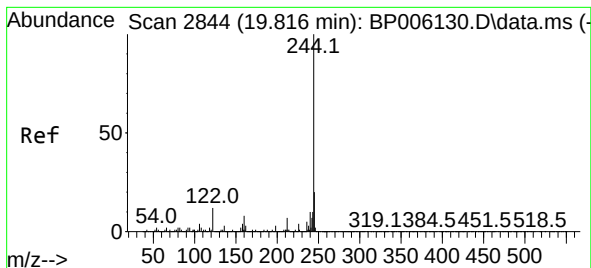
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1657.1 14.0 54.0#
105 904.8 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion:240 Resp: 850683
Ion Ratio Lower Upper
240 100
120 14.7 6.5 9.7#
236 25.6 20.6 31.0

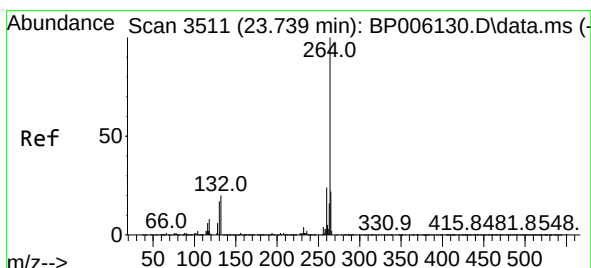
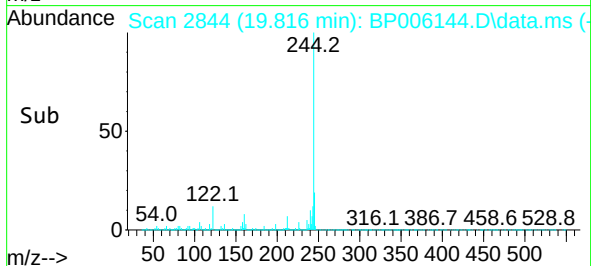
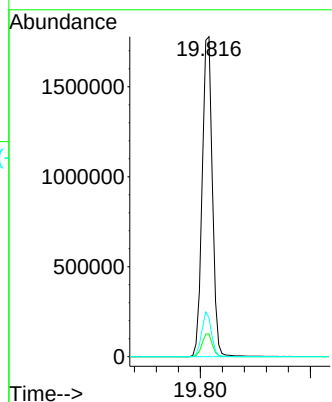
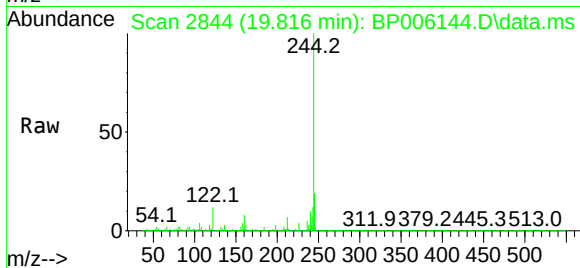




#79
Terphenyl-d14
Concen: 53.242 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Instrument :
BNA_P
ClientSampleId :
SOIL-BANK-2

Tgt Ion:244 Resp: 2297180
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.1 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP006144.D
Acq: 08 Jul 2021 17:35

Tgt Ion:264 Resp: 999789
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 22.2 17.6 26.4

