

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	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	828479	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	465927	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	883592	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	835539	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	983503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	614823	46.998	ng	0.00
7) Phenol-d6	7.063	99	707811	40.905	ng	0.00
23) Nitrobenzene-d5	9.052	82	395485	30.153	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	236759	42.681	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	943353	29.932	ng	0.00
79) Terphenyl-d14	19.816	244	1271848	30.012	ng	0.00

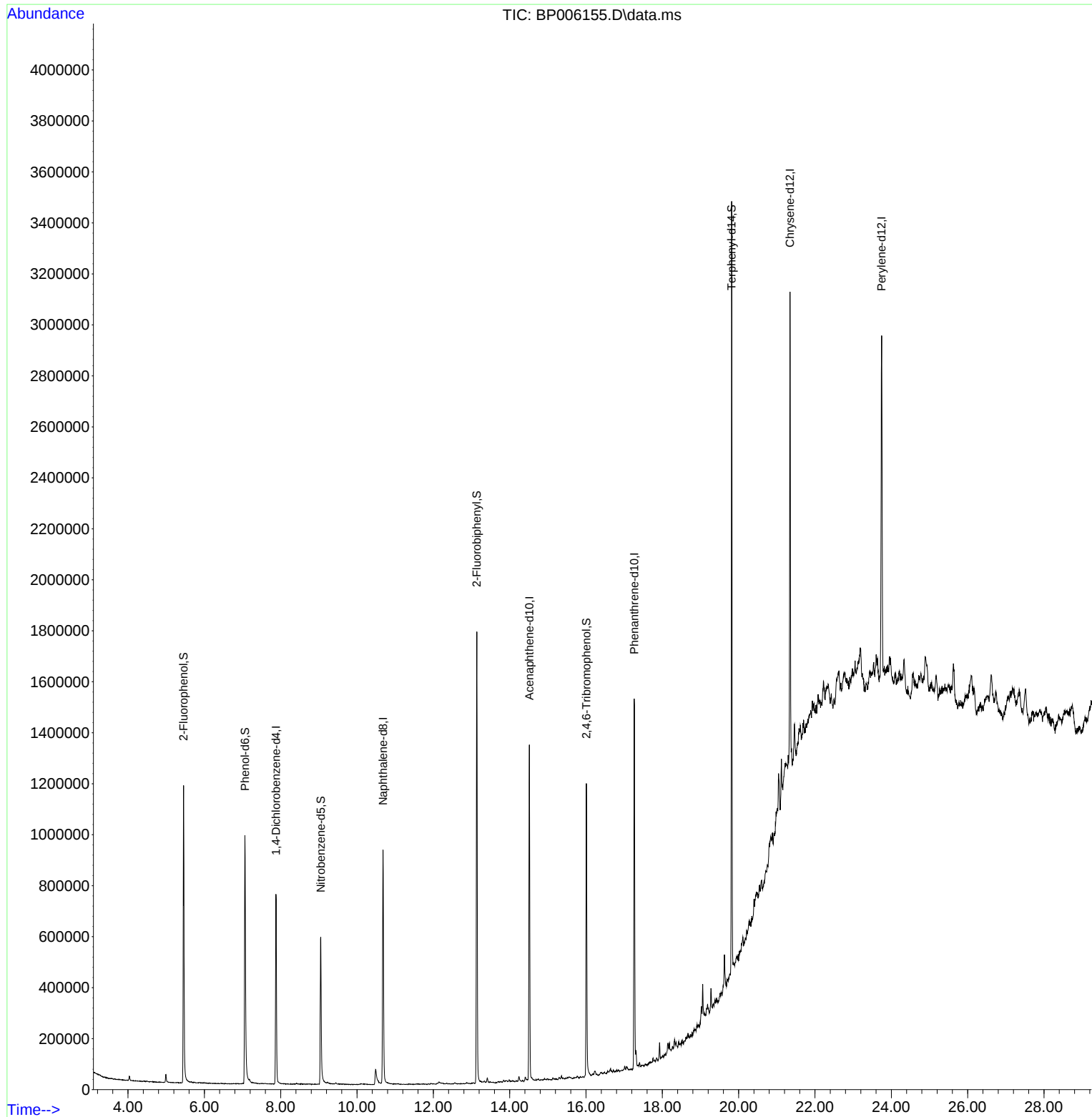
Target Compounds	Qvalue

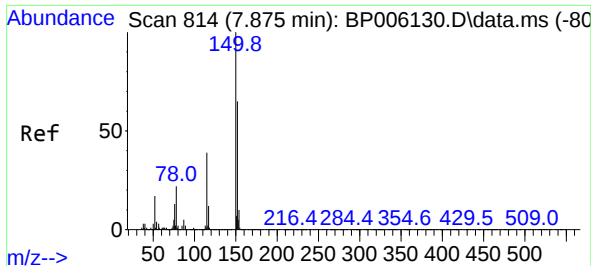
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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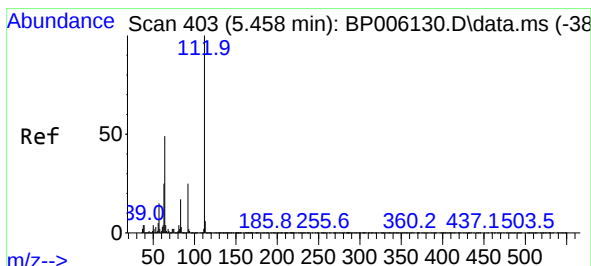
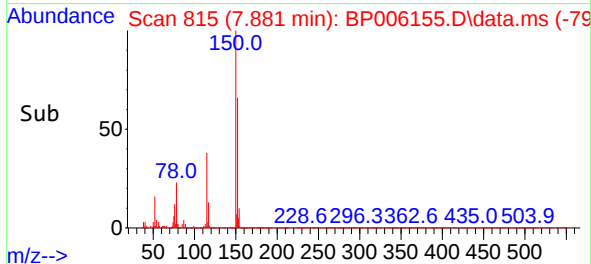
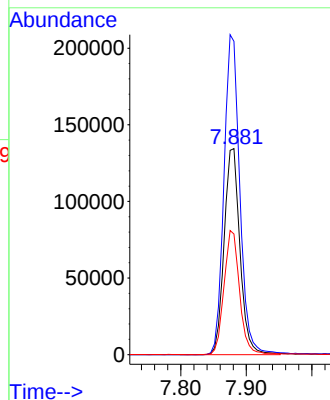
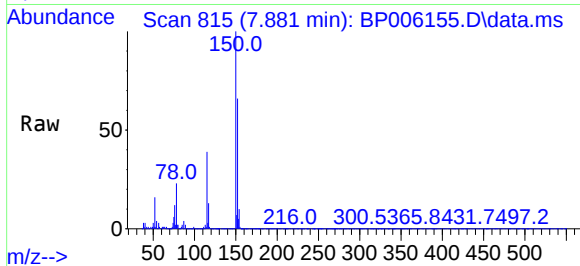




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

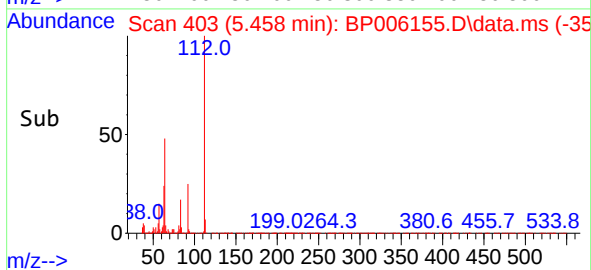
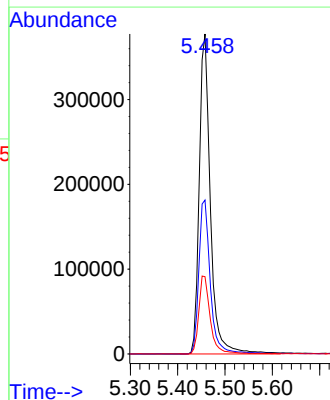
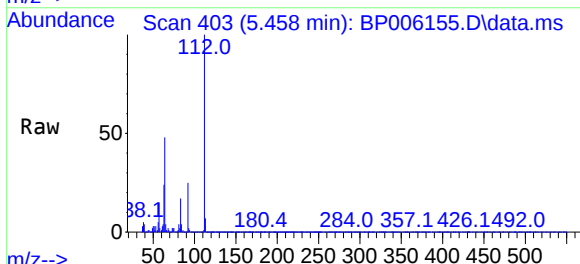
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

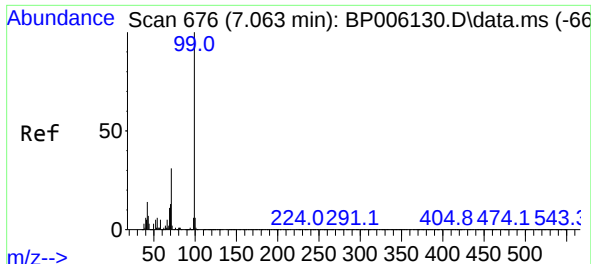
Tgt Ion:152 Resp: 225092
Ion Ratio Lower Upper
152 100
150 152.0 125.6 188.4
115 58.6 48.5 72.7



#5
2-Fluorophenol
Concen: 46.998 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

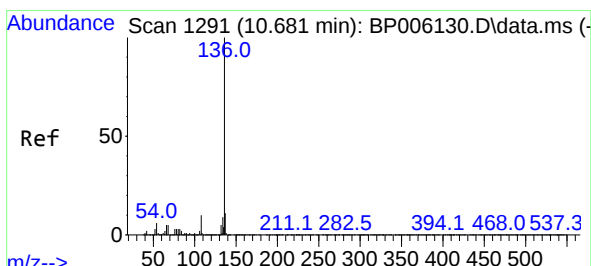
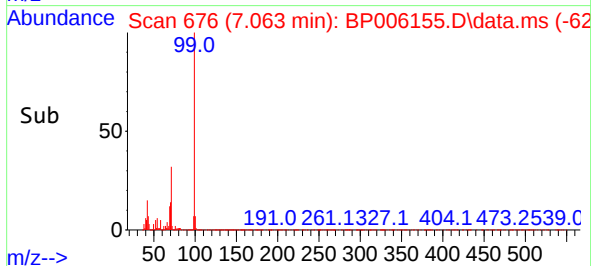
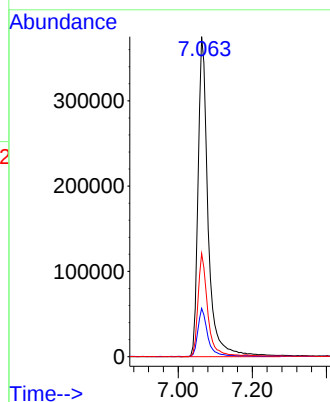
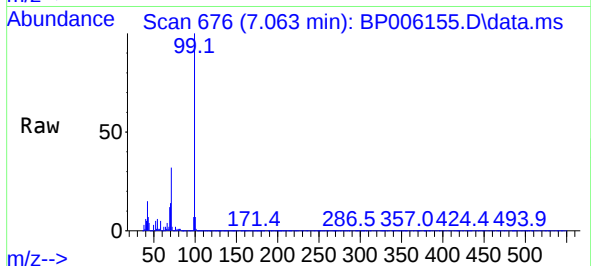




#7
Phenol-d6
Concen: 40.905 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

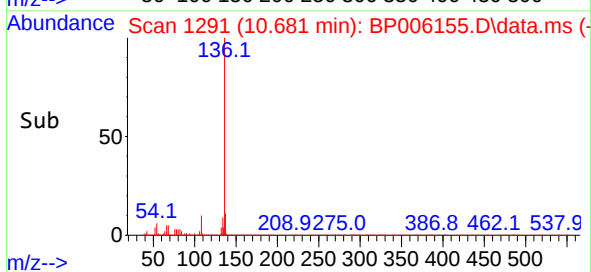
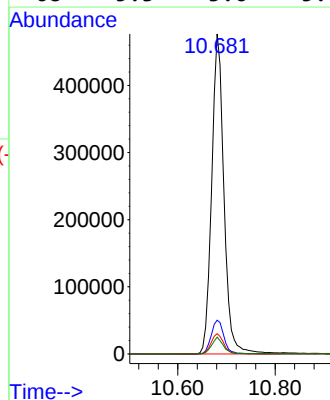
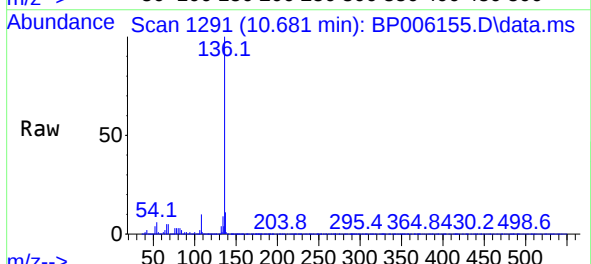
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

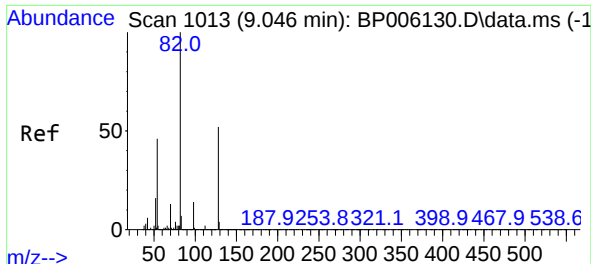
Tgt Ion: 99 Resp: 707811
Ion Ratio Lower Upper
99 100
42 15.1 13.4 20.0
71 32.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 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

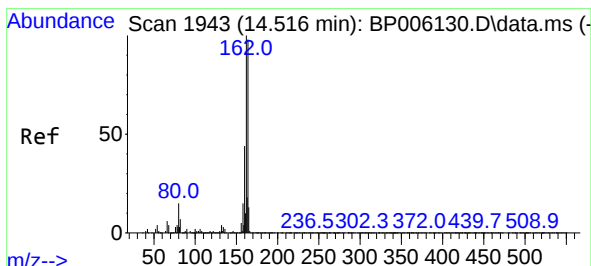
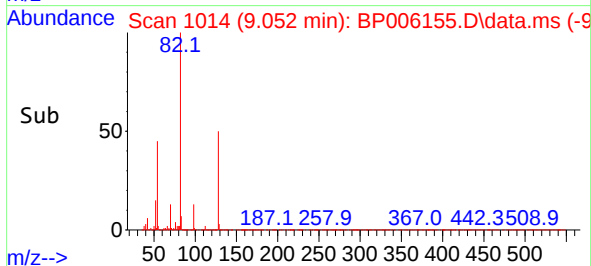
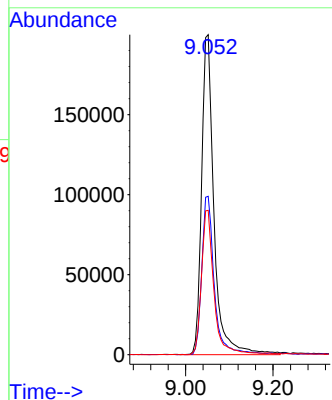
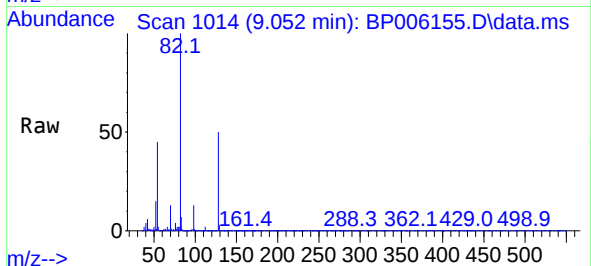




#23
Nitrobenzene-d5
Concen: 30.153 ng
RT: 9.052 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

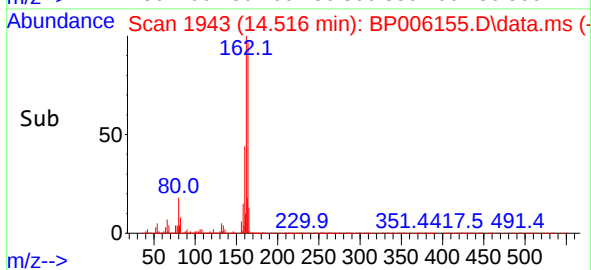
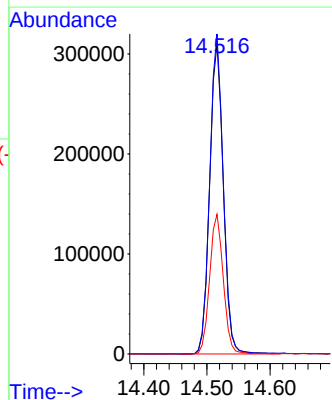
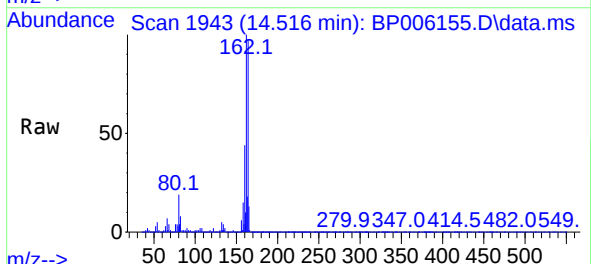
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9DL

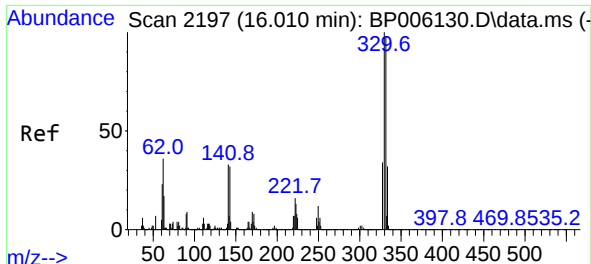
Tgt Ion: 82 Resp: 395485
Ion Ratio Lower Upper
82 100
128 49.5 35.7 53.5
54 45.1 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

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

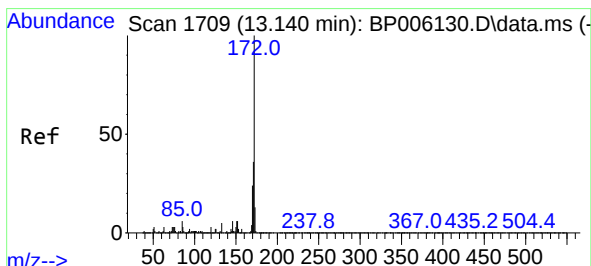
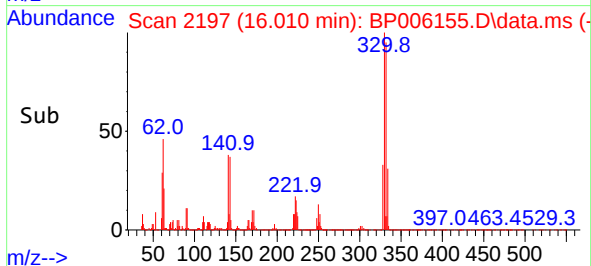
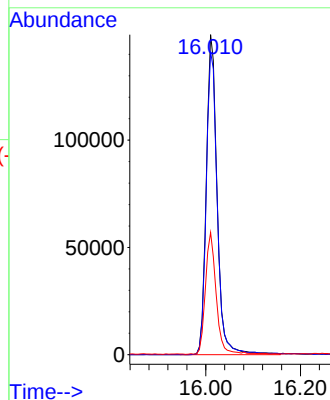
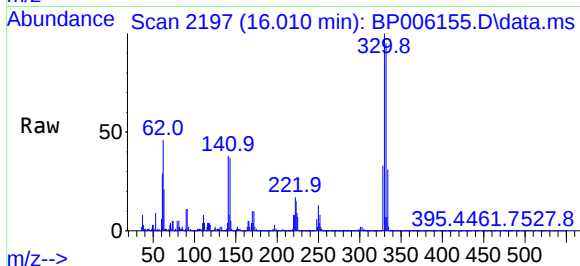




#42
2,4,6-Tribromophenol
Concen: 42.681 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

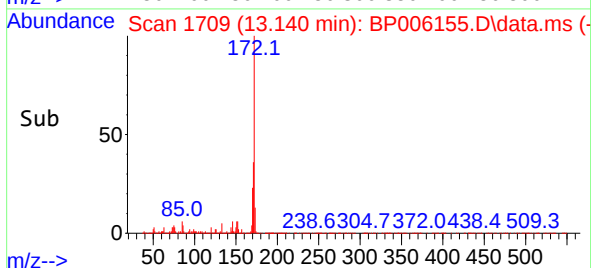
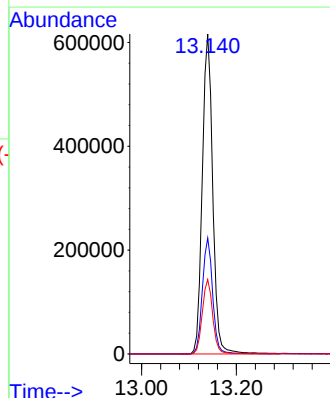
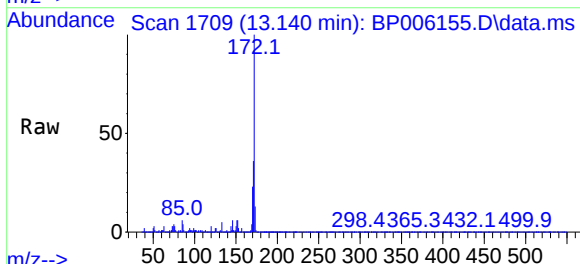
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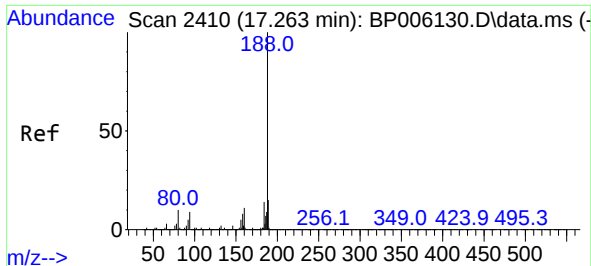
Tgt Ion:330 Resp: 236759
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 37.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 29.932 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

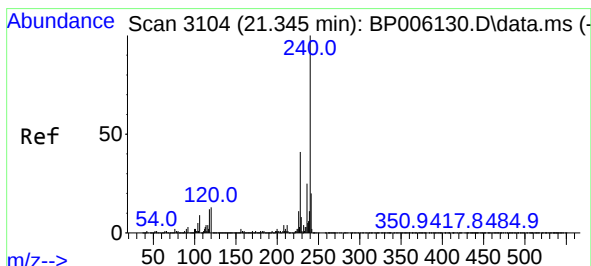
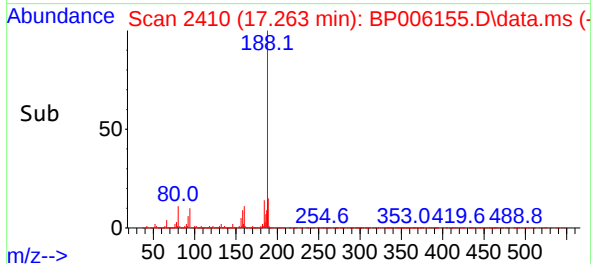
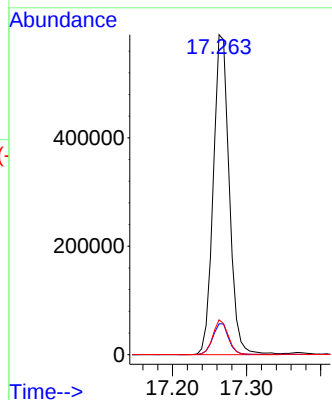
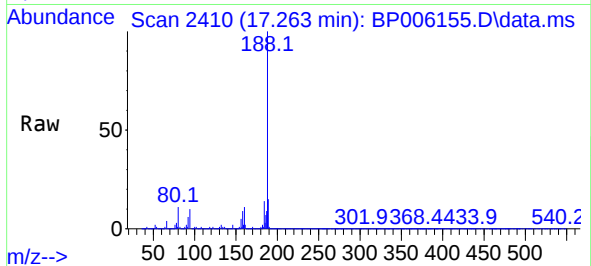




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

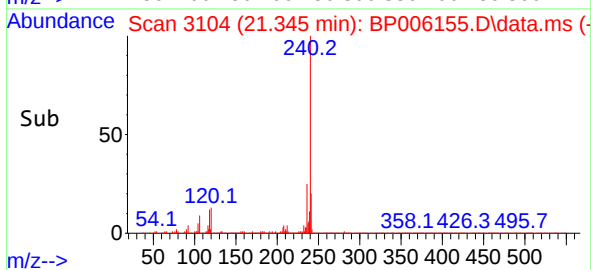
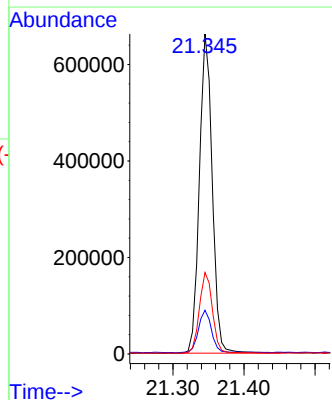
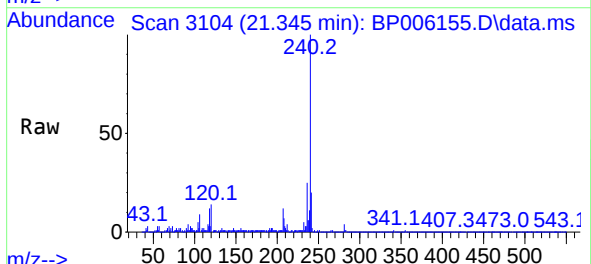
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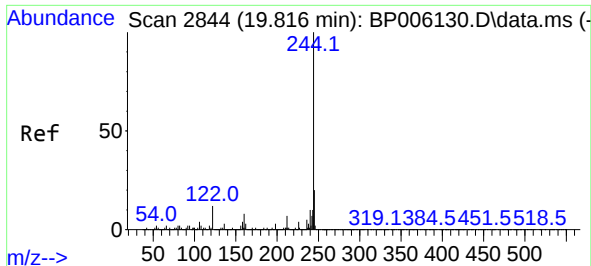
Tgt Ion:188 Resp: 883592
Ion Ratio Lower Upper
188 100
94 9.7 5.6 8.4#
80 10.9 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 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

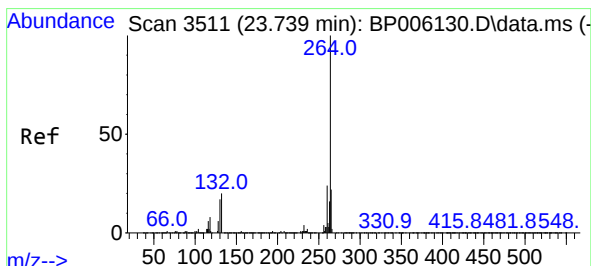
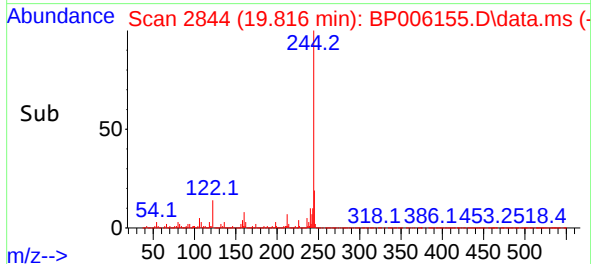
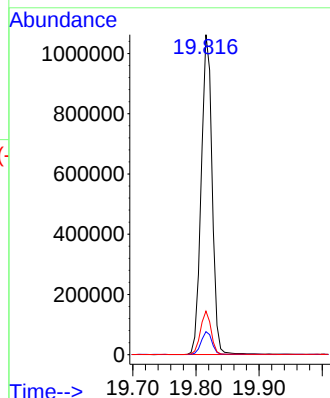
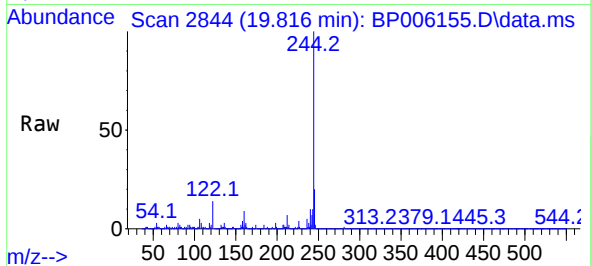




#79
Terphenyl-d14
Concen: 30.012 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006155.D
Acq: 08 Jul 2021 23:50

Instrument :
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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: 20.000 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

