

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006153.D
 Acq On : 08 Jul 2021 22:42
 Operator : CG/JU
 Sample : M2947-13DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D9-SOIL-PILEDL

Quant Time: Jul 09 04:31:18 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)

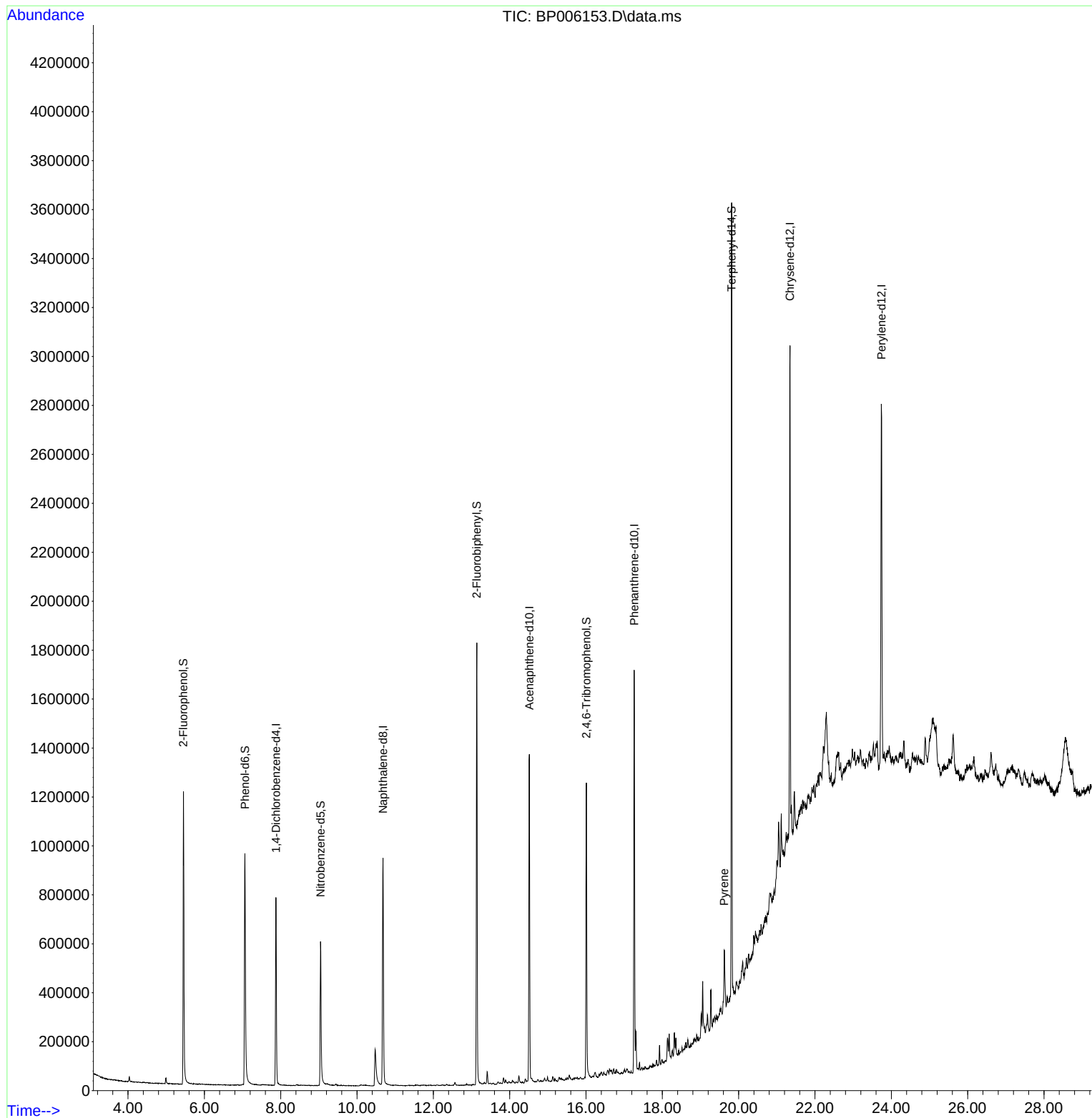
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	226047	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	849583	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	481425	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	965033	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	920554	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	1066490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	615794	46.873	ng	0.00
7) Phenol-d6	7.063	99	702847	40.447	ng	0.00
23) Nitrobenzene-d5	9.045	82	392934	29.214	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	249249	43.486	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	946157	29.054	ng	0.00
79) Terphenyl-d14	19.815	244	1361944	29.170	ng	0.00
Target Compounds						
78) Pyrene	19.621	202	135590	2.179	ng	Qvalue 97

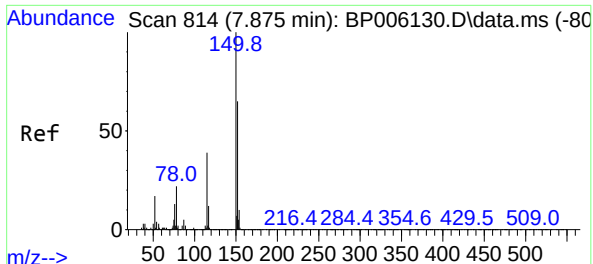
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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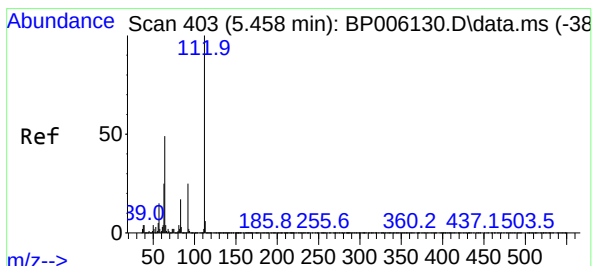
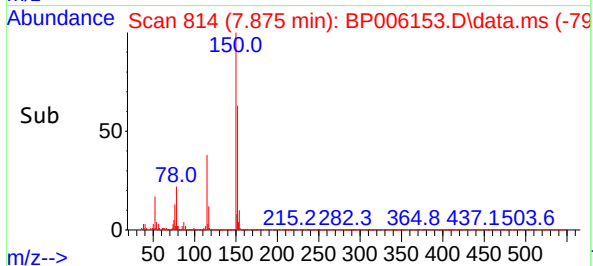
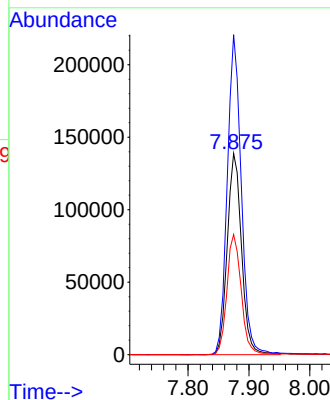
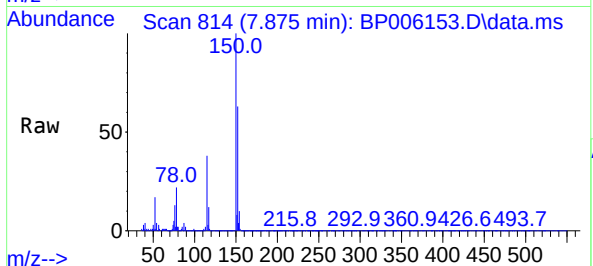




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

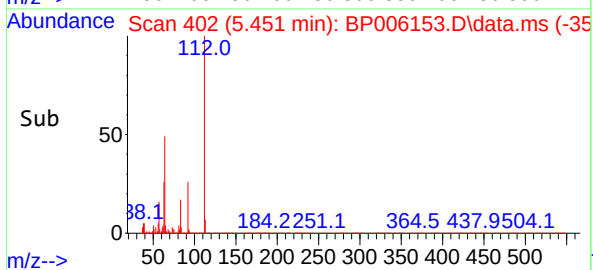
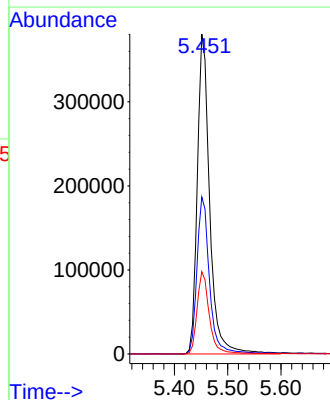
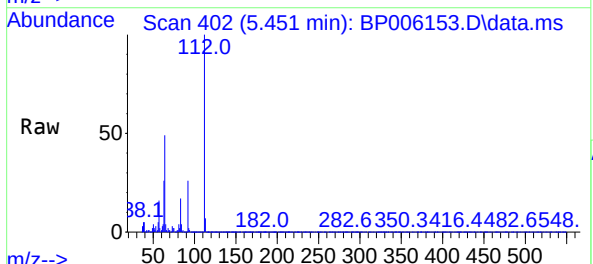
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

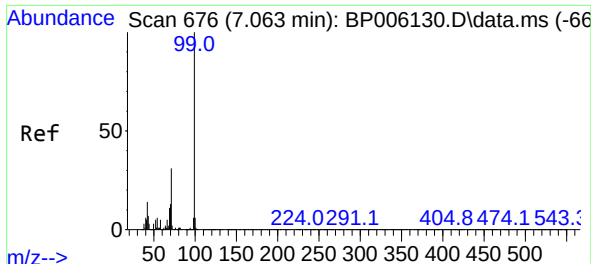
Tgt Ion:152 Resp: 226047
Ion Ratio Lower Upper
152 100
150 159.0 125.6 188.4
115 59.7 48.5 72.7



#5
2-Fluorophenol
Concen: 46.873 ng
RT: 5.451 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:112 Resp: 615794
Ion Ratio Lower Upper
112 100
64 49.1 41.4 62.2
63 25.7 23.8 35.8

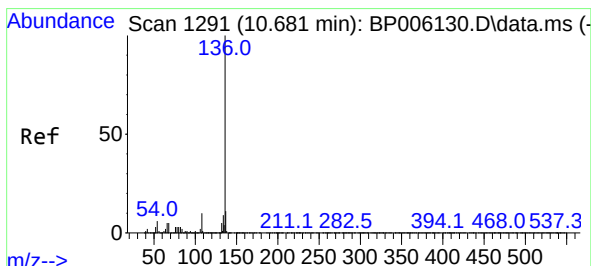
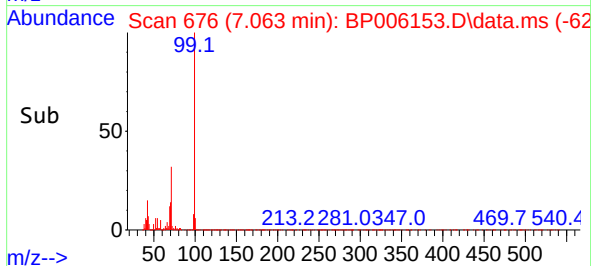
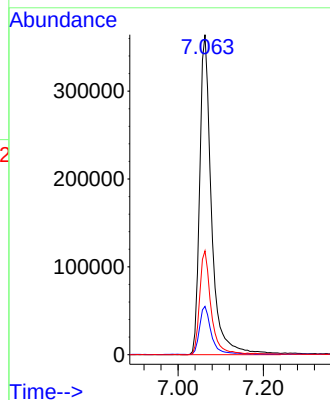
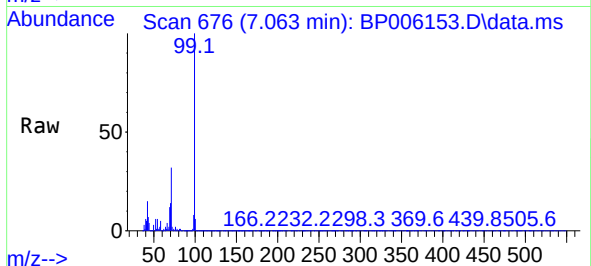




#7
Phenol-d6
Concen: 40.447 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

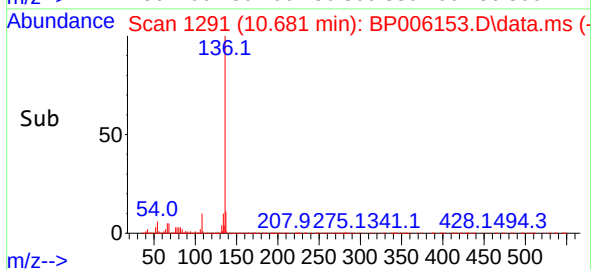
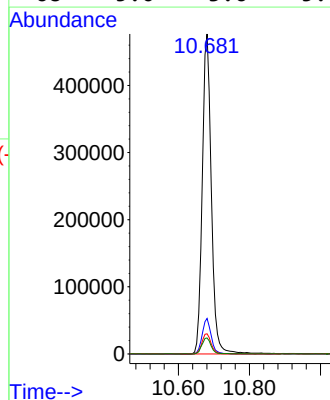
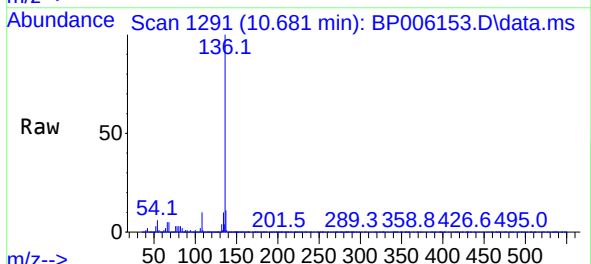
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

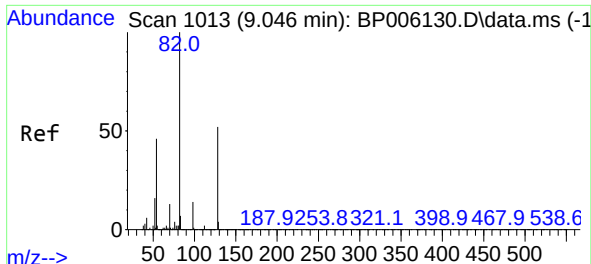
Tgt Ion: 99 Resp: 702847
Ion Ratio Lower Upper
99 100
42 15.1 13.4 20.0
71 32.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion: 136 Resp: 849583
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.3 4.6 6.8
68 5.0 3.6 5.4

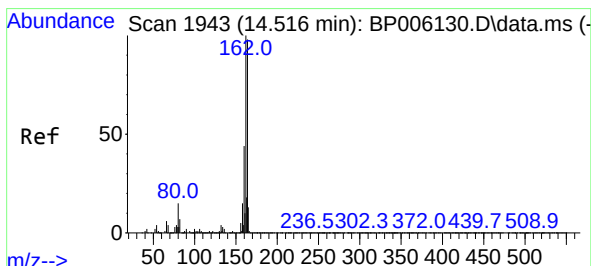
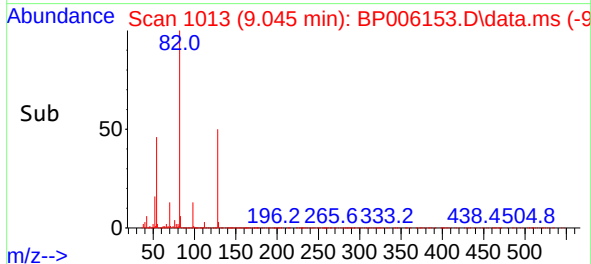
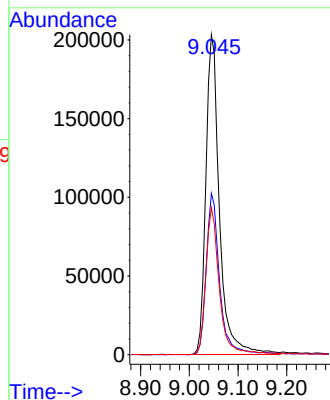
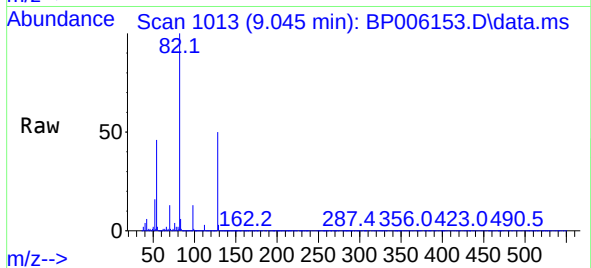




#23
Nitrobenzene-d5
Concen: 29.214 ng
RT: 9.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

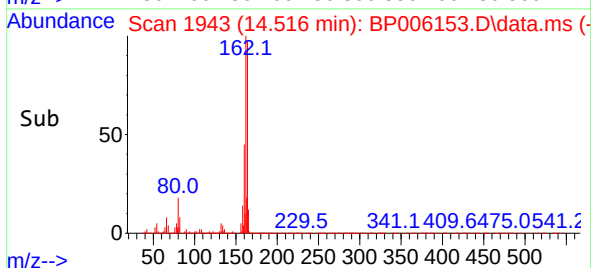
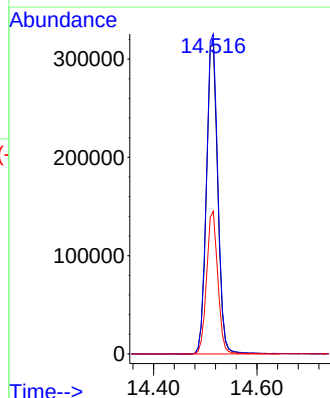
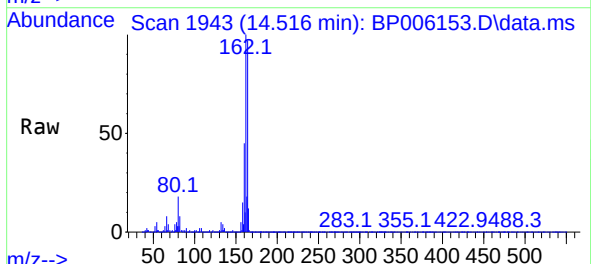
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

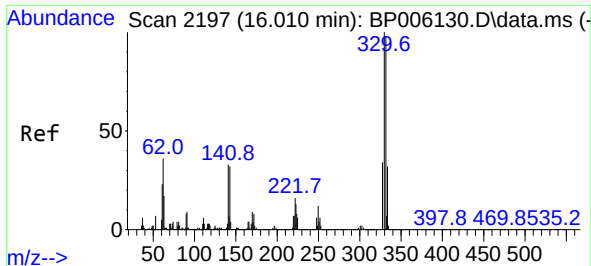
Tgt Ion: 82 Resp: 392934
Ion Ratio Lower Upper
82 100
128 50.4 35.7 53.5
54 46.0 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:164 Resp: 481425
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 46.1 34.5 51.7

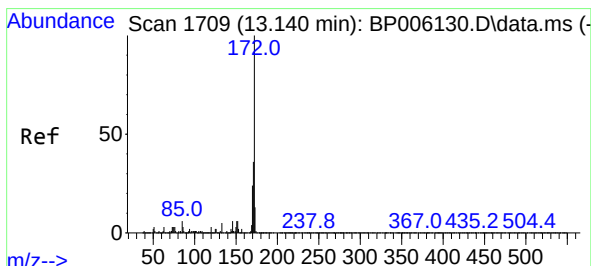
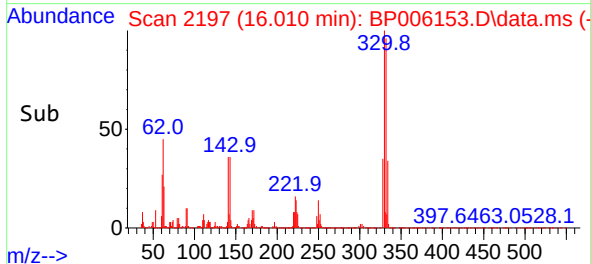
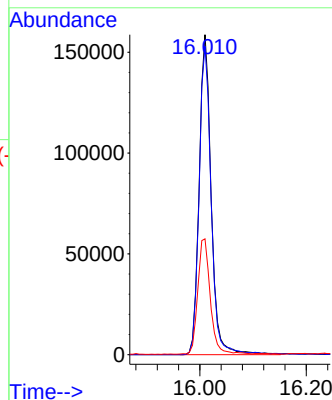
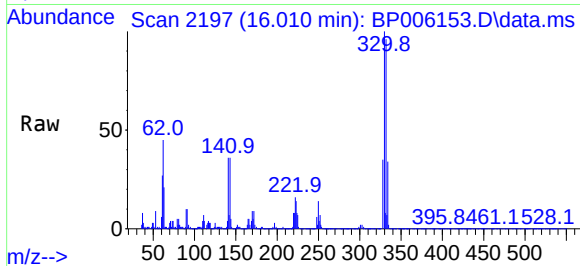




#42
2,4,6-Tribromophenol
Concen: 43.486 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

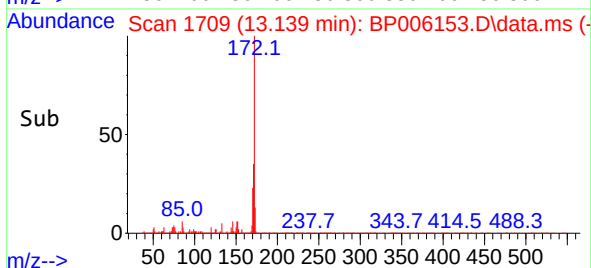
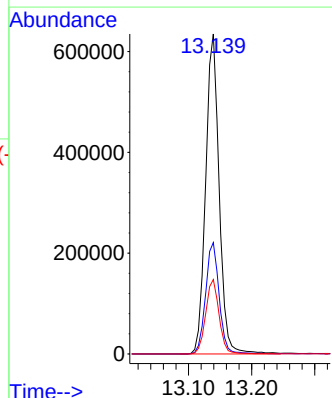
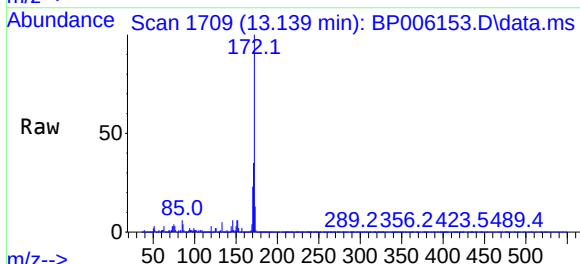
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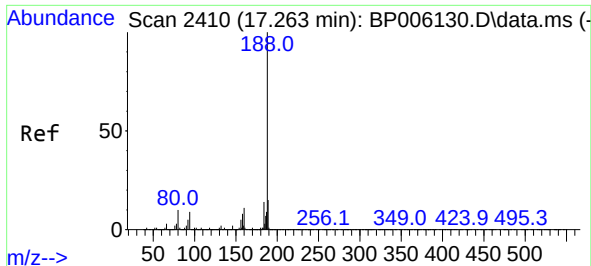
Tgt Ion:330 Resp: 249249
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 37.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 29.054 ng
RT: 13.139 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:172 Resp: 946157
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.2 18.6 27.8

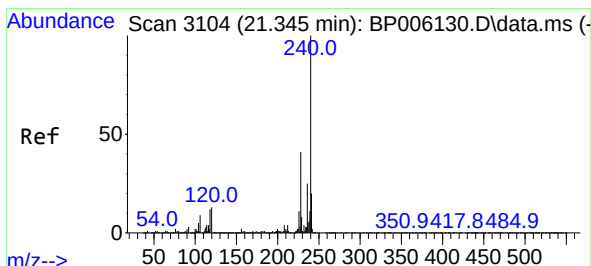
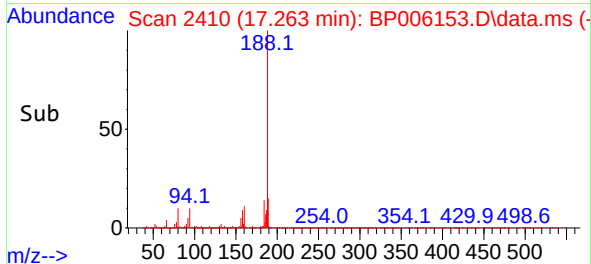
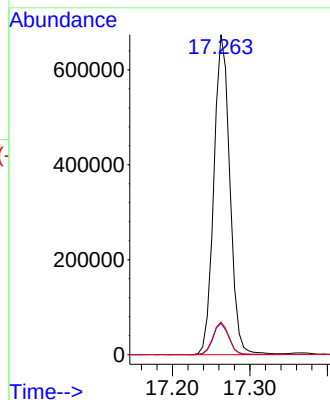
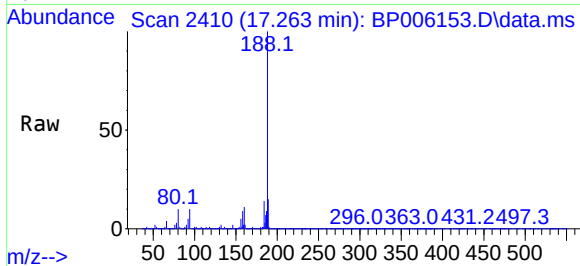




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

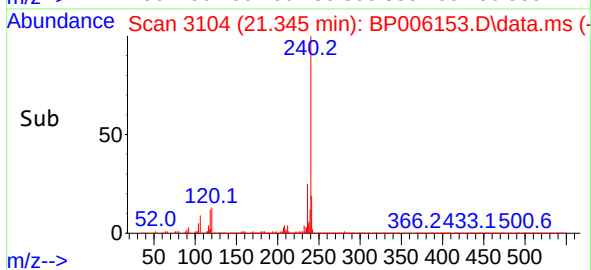
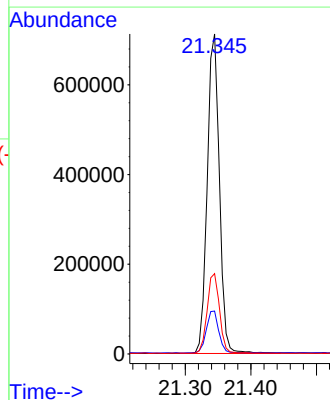
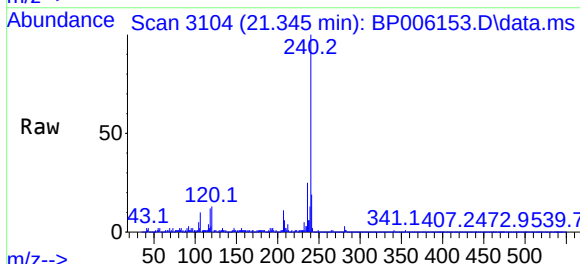
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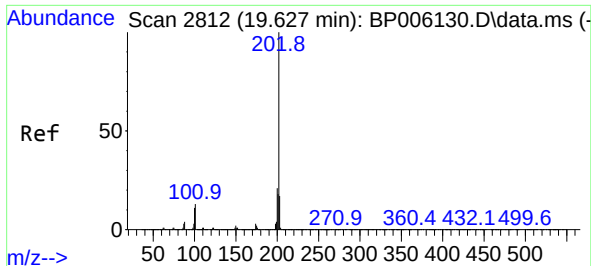
Tgt Ion:188 Resp: 965033
Ion Ratio Lower Upper
188 100
94 9.8 5.6 8.4#
80 10.2 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:240 Resp: 920554
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.1 20.6 31.0

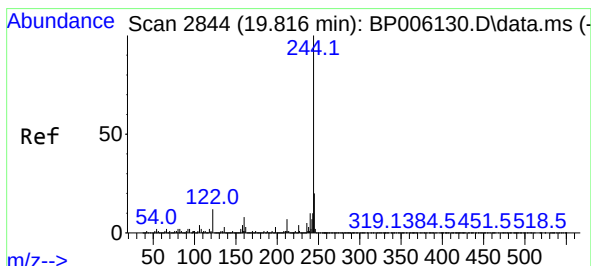
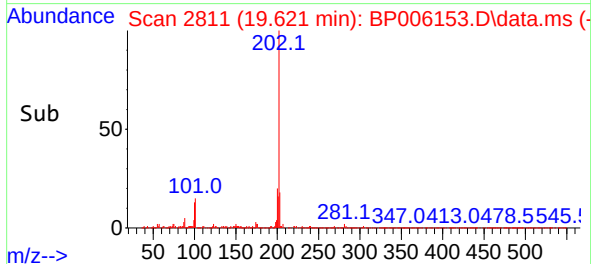
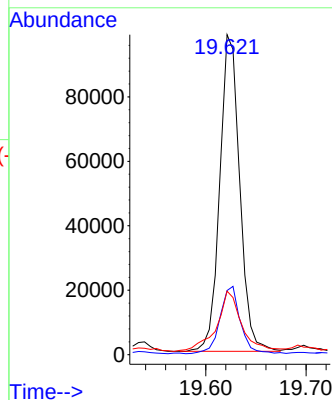
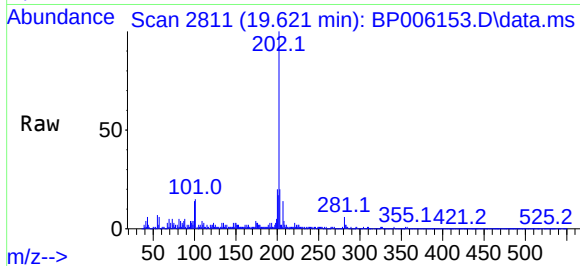




#78
Pyrene
Concen: 2.179 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

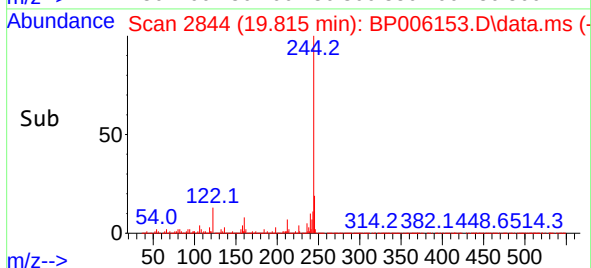
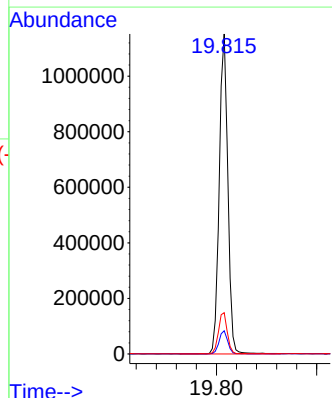
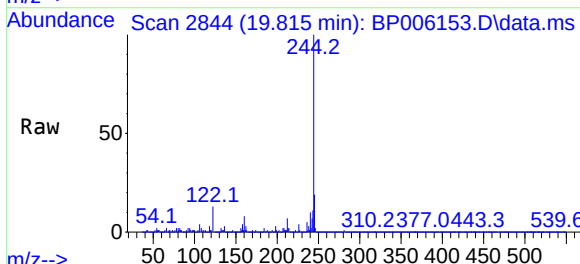
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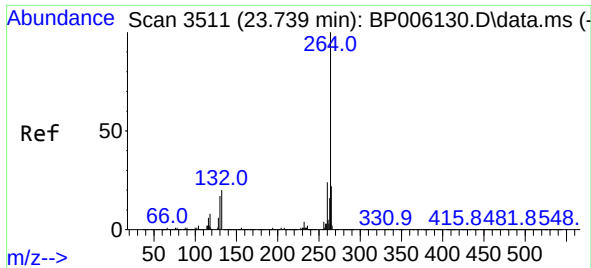
Tgt Ion:202 Resp: 135590
Ion Ratio Lower Upper
202 100
200 20.1 16.3 24.5
203 19.8 14.2 21.2



#79
Terphenyl-d14
Concen: 29.170 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

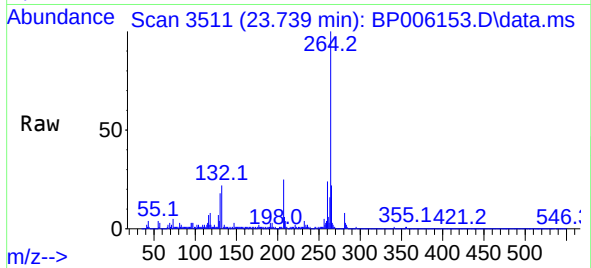
Tgt Ion:244 Resp: 1361944
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 12.9 7.1 10.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. -0.000 min
 Lab File: BP006153.D
 Acq: 08 Jul 2021 22:42

Instrument :
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Tgt Ion:264 Resp: 1066490

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.4	17.6	26.4

