

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005158.D
 Acq On : 02 Apr 2021 14:30
 Operator : CG/JU
 Sample : M1855-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EMBANKMENT-FILL-COMPOSITE

Quant Time: Apr 02 15:08:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	29622	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	113147	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	70594	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	143579	20.00	ng	#-0.01
76) Chrysene-d12	21.216	240	146639	20.00	ng	-0.01
86) Perylene-d12	23.504	264	150655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	213919	111.14	ng	0.00
7) Phenol-d6	6.881	99	280951	101.90	ng	0.00
23) Nitrobenzene-d5	8.863	82	179548	68.09	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	91229	99.18	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	336958	64.57	ng	0.00
79) Terphenyl-d14	19.692	244	492770	61.17	ng	0.00

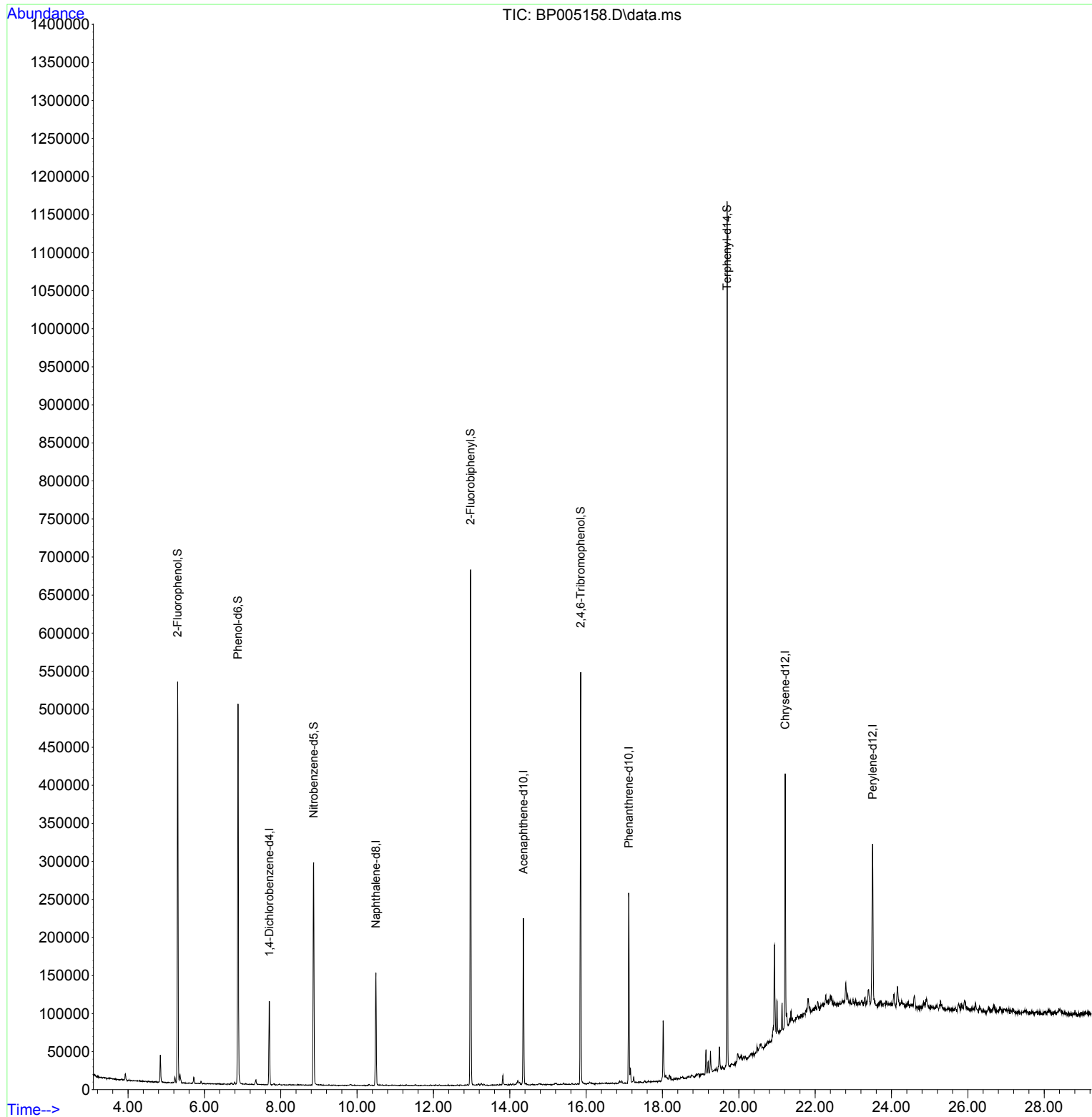
Target Compounds	Qvalue

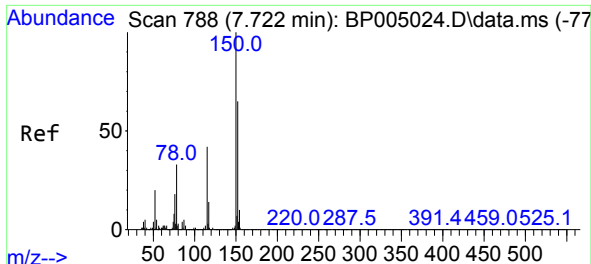
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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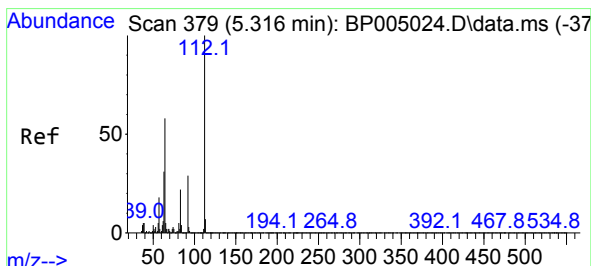
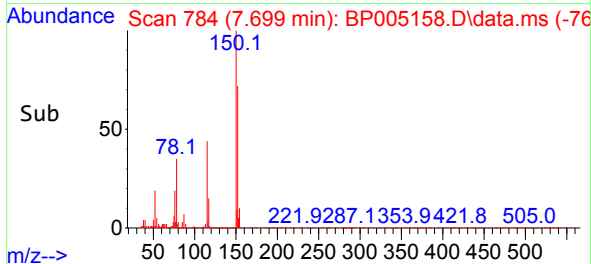
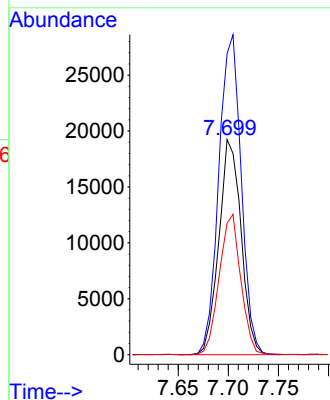
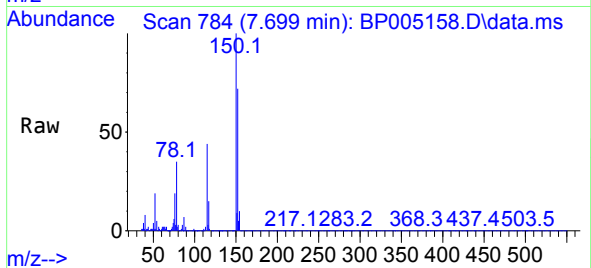




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

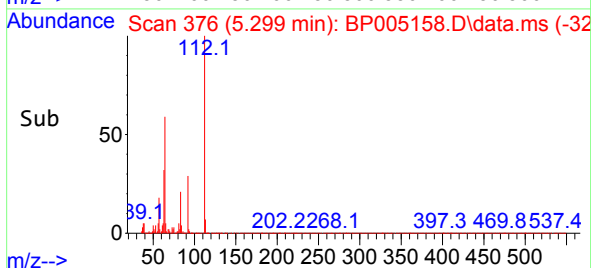
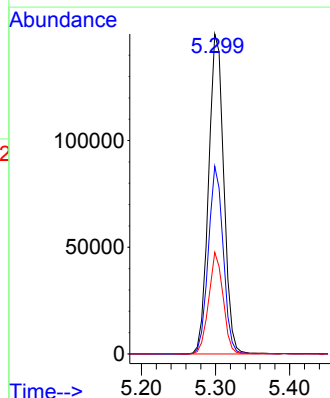
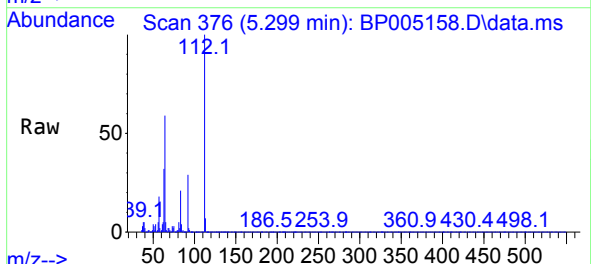
Instrument :
BNA_P
ClientSampleId :
EMBANKMENT-FILL-COMPOSITE

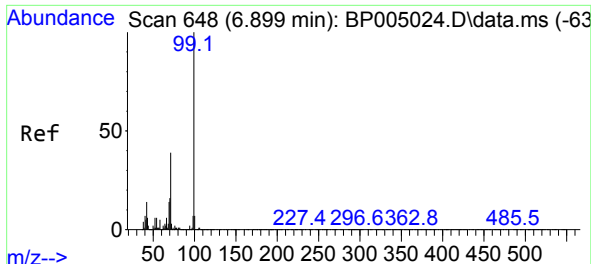
Tgt Ion:152 Resp: 29622
Ion Ratio Lower Upper
152 100
150 139.8 123.8 185.6
115 61.1 43.8 65.6



#5
2-Fluorophenol
Concen: 111.14 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

Tgt Ion:112 Resp: 213919
Ion Ratio Lower Upper
112 100
64 58.6 32.8 49.2#
63 31.7 17.0 25.4#

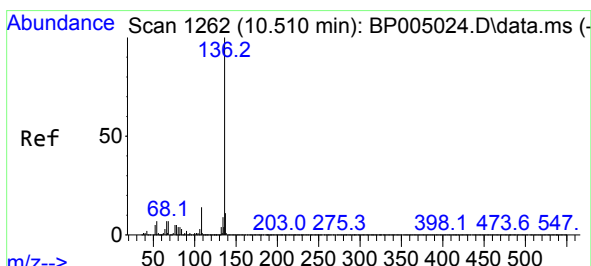
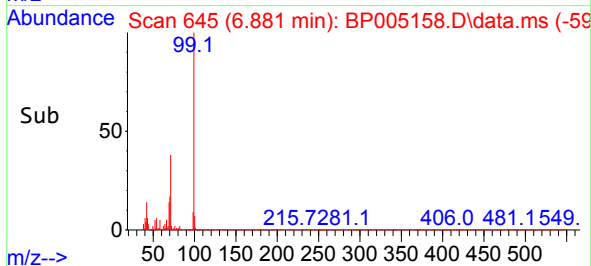
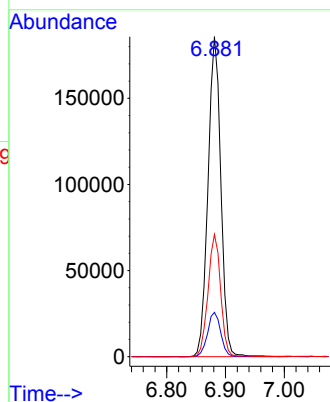
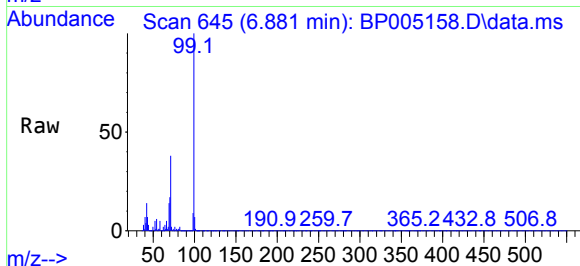




#7
Phenol-d6
Concen: 101.90 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

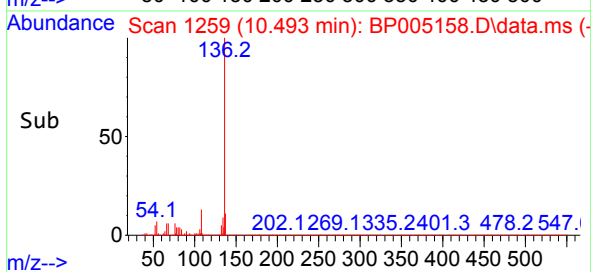
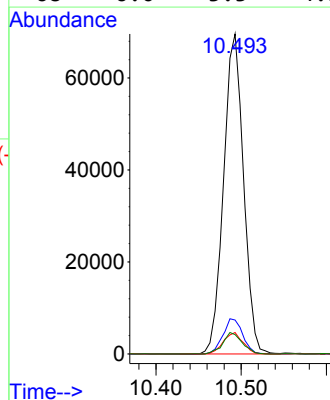
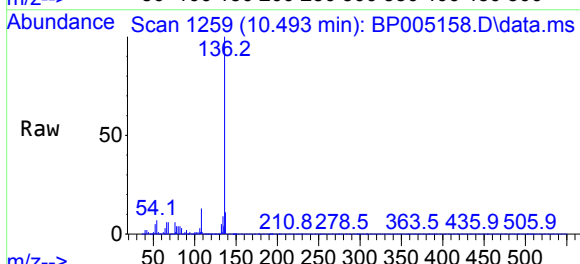
Instrument :
BNA_P
ClientSampleId :
EMBANKMENT-FILL-COMPOSITE

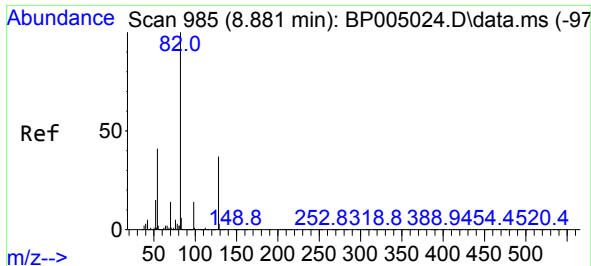
Tgt Ion: 99 Resp: 280951
Ion Ratio Lower Upper
99 100
42 13.8 8.6 13.0#
71 38.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

Tgt Ion: 136 Resp: 113147
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.7 3.6 5.4#
68 6.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.09 ng

RT: 8.863 min Scan# 982

Delta R.T. -0.006 min

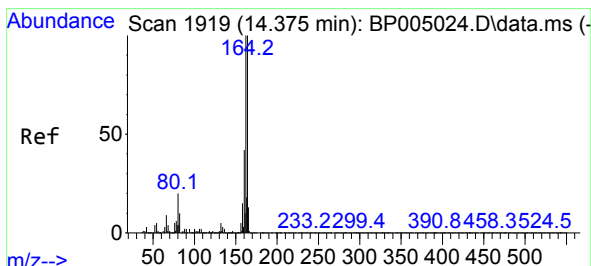
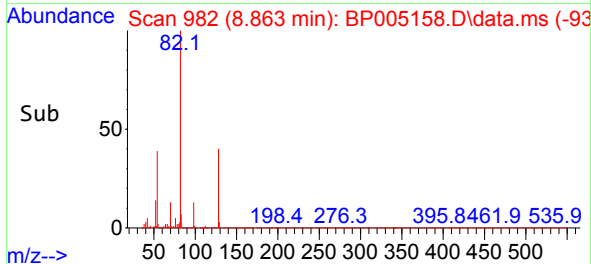
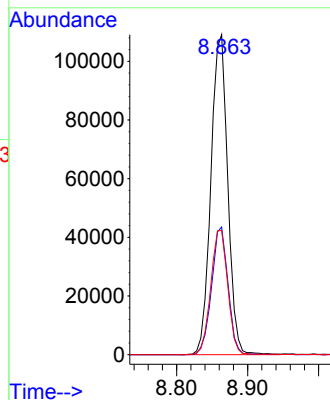
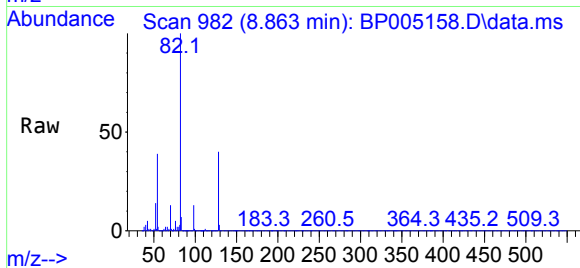
Lab File: BP005158.D

Acq: 02 Apr 2021 14:30

Tgt Ion: 82 Resp: 179548

Ion Ratio Lower Upper

82	100		
128	39.9	45.6	68.4#
54	38.8	30.1	45.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.357 min Scan# 1916

Delta R.T. -0.006 min

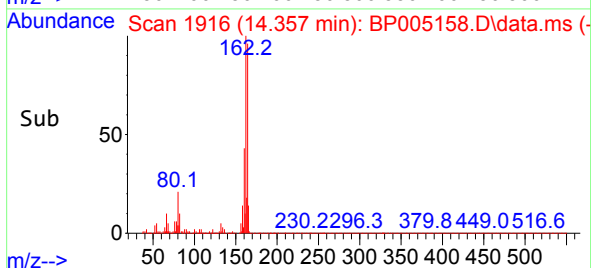
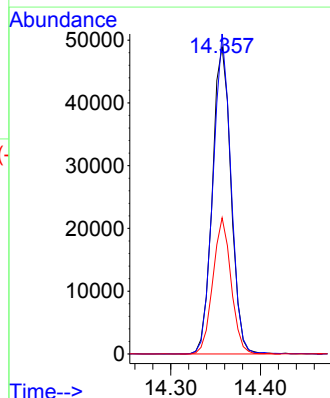
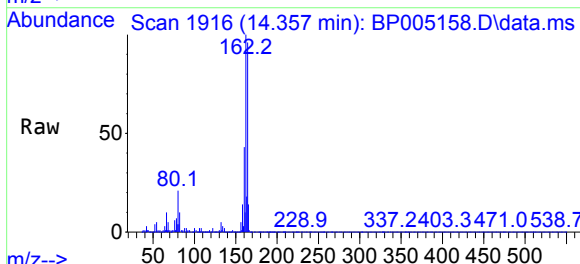
Lab File: BP005158.D

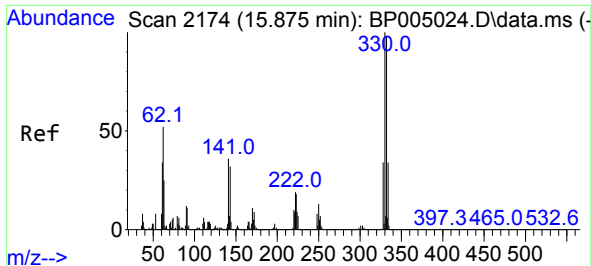
Acq: 02 Apr 2021 14:30

Tgt Ion: 164 Resp: 70594

Ion Ratio Lower Upper

164	100		
162	104.2	79.4	119.2
160	44.3	36.1	54.1

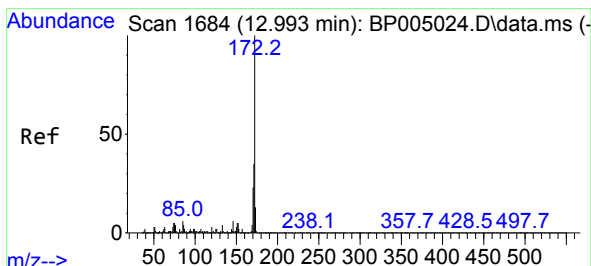
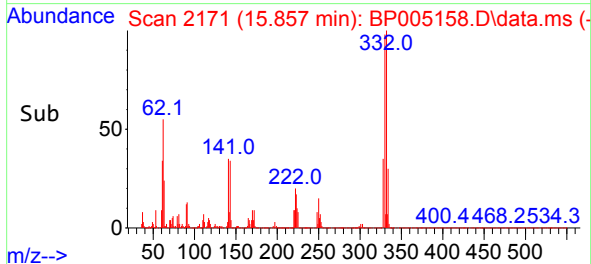
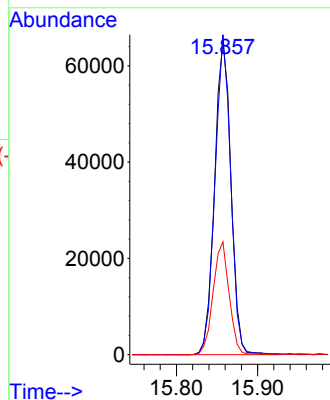
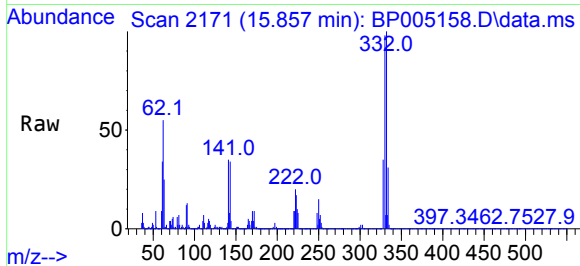




#42
2,4,6-Tribromophenol
Concen: 99.18 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

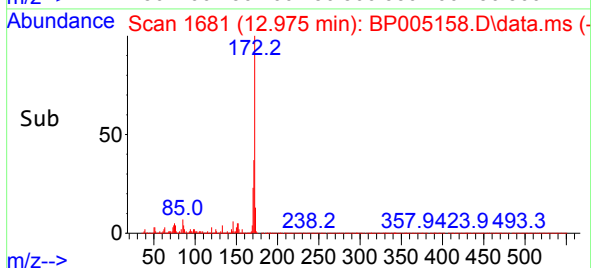
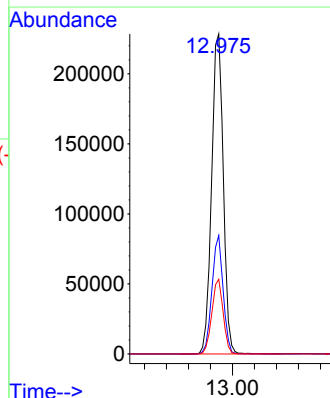
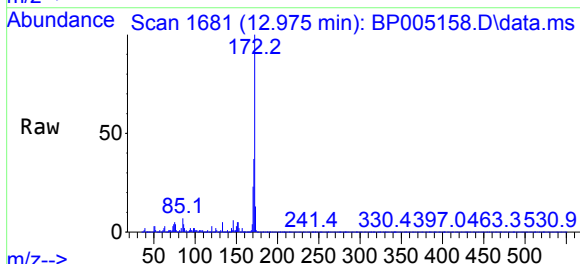
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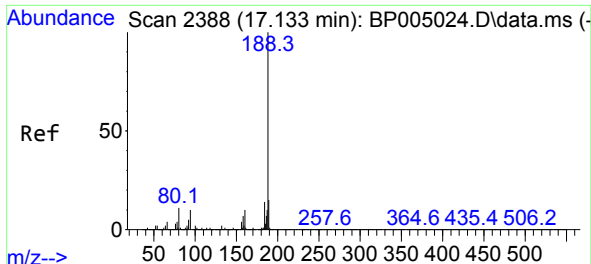
Tgt Ion:330 Resp: 91229
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 35.5 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 64.57 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

Tgt Ion:172 Resp: 336958
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 23.3 19.2 28.8

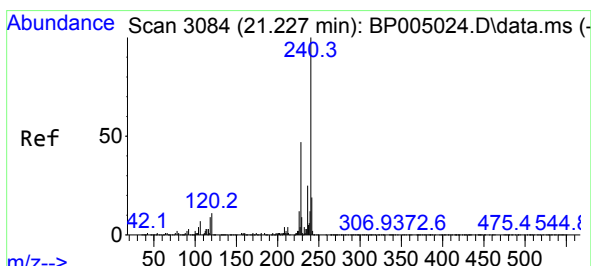
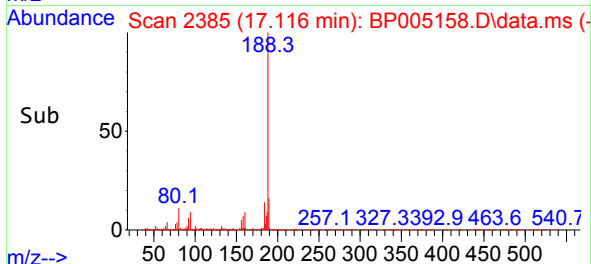
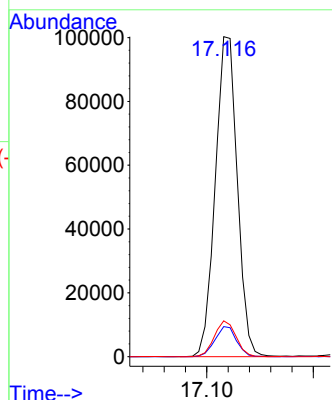
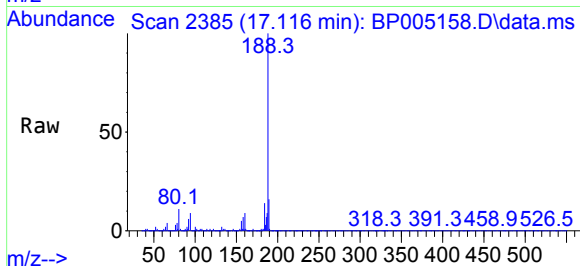




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

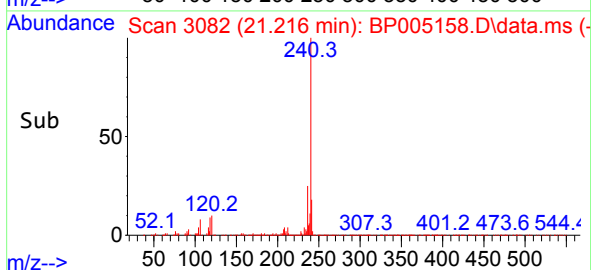
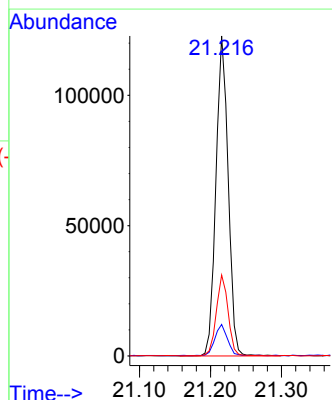
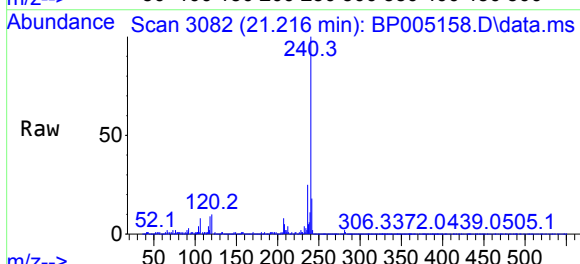
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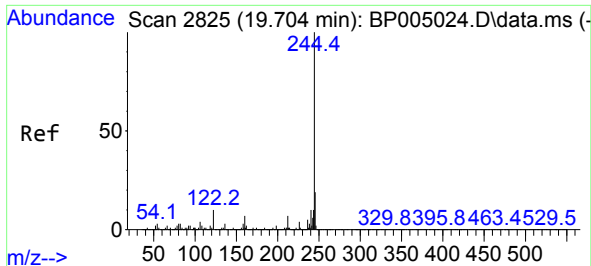
Tgt Ion:188 Resp: 143579
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 11.2 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

Tgt Ion:240 Resp: 146639
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 25.3 20.8 31.2

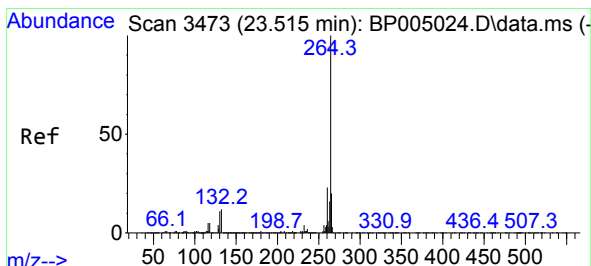
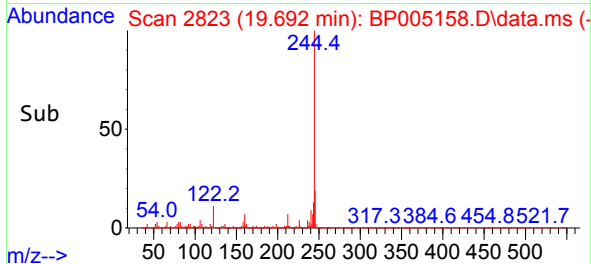
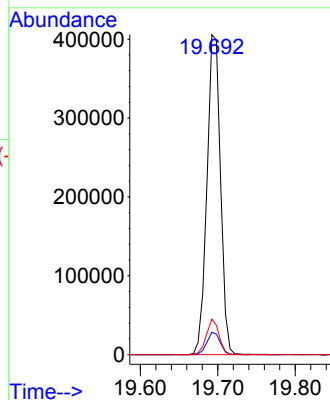
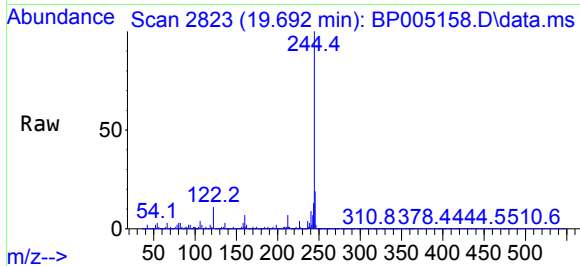




#79
Terphenyl-d14
Concen: 61.17 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

Instrument :
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EMBANKMENT-FILL-COMPOSITE

Tgt Ion:244 Resp: 492770
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.1 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP005158.D
Acq: 02 Apr 2021 14:30

Tgt Ion:264 Resp: 150655
Ion Ratio Lower Upper
264 100
260 22.6 18.8 28.2
265 22.6 17.4 26.2

