

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012022\
 Data File : BP008876.D
 Acq On : 20 Jan 2022 19:20
 Operator : CG/JU
 Sample : N1204-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PS-MH-SOIL

Quant Time: Jan 21 03:38:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	321421	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	1207435	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	792607	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1677526	20.000	ng	-0.01
76) Chrysene-d12	21.333	240	1502423	20.000	ng	-0.01
86) Perylene-d12	23.745	264	1305308	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1903935	91.602	ng	0.00
7) Phenol-d6	7.022	99	2389347	94.931	ng	-0.01
23) Nitrobenzene-d5	9.005	82	1503268	70.684	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	1242858	107.726	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	4083205	67.936	ng	-0.01
79) Terphenyl-d14	19.804	244	6619875	74.373	ng	-0.01

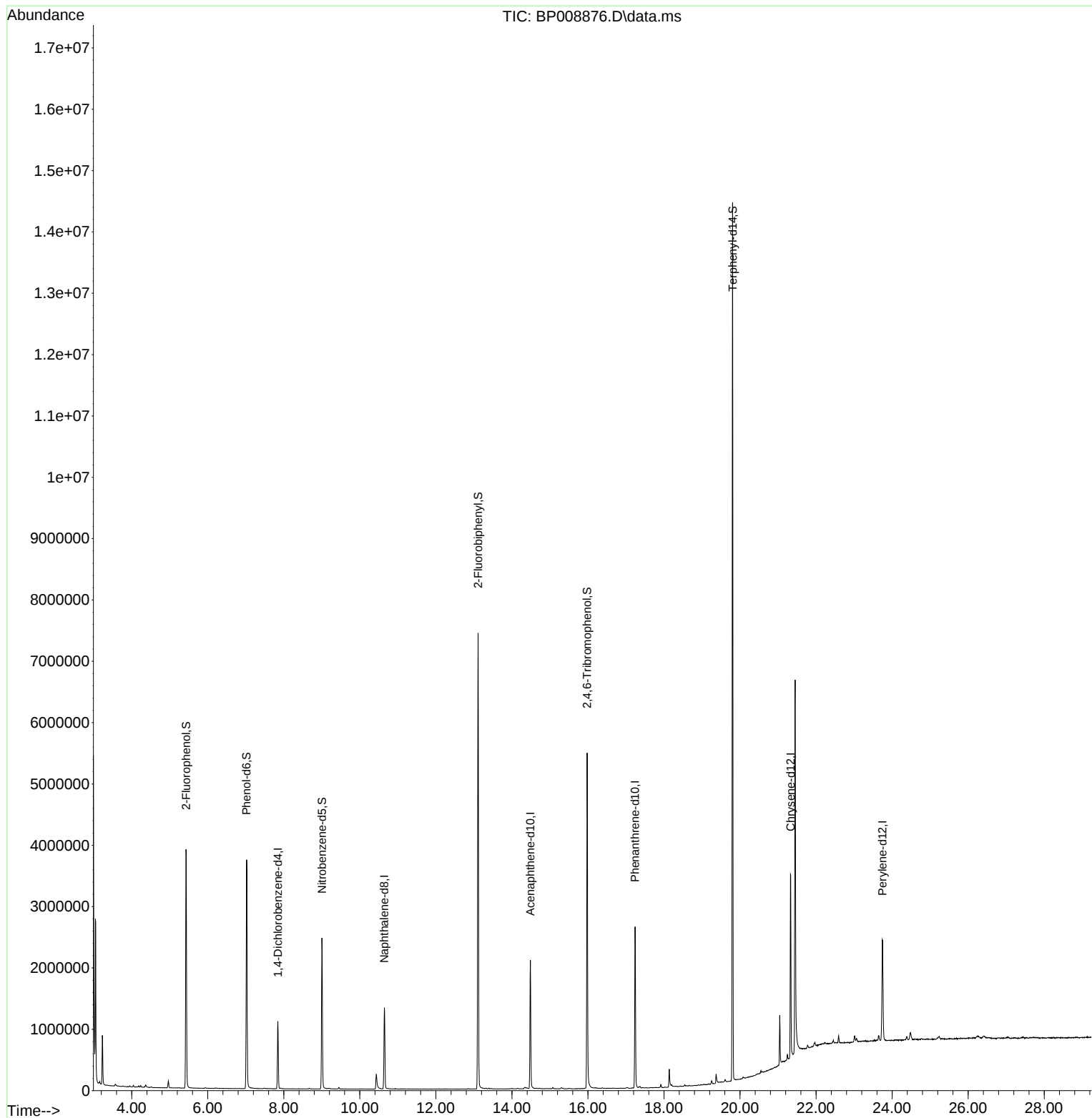
Target Compounds	Qvalue

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

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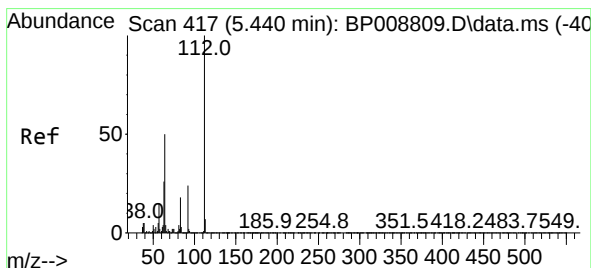
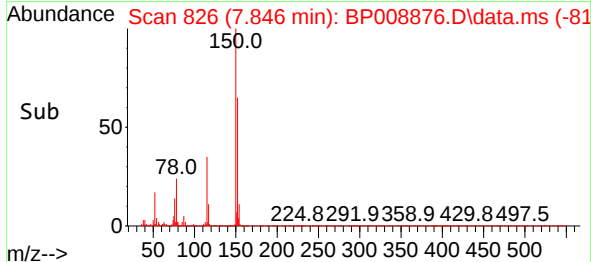
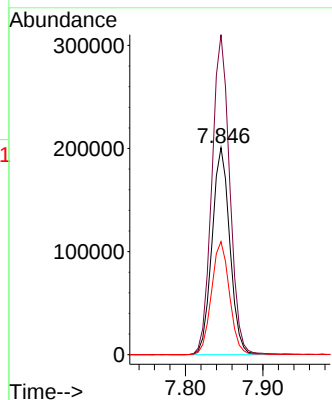
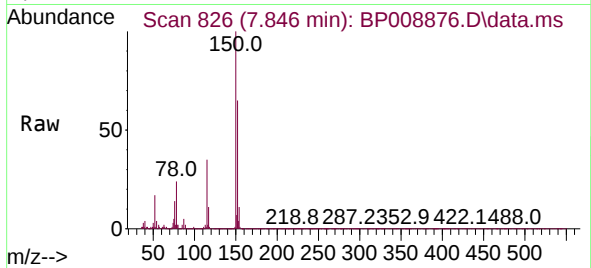




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

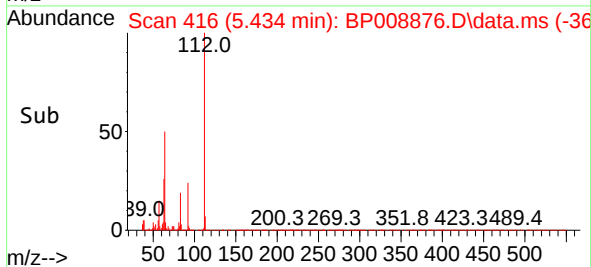
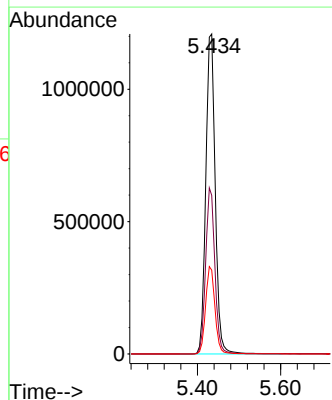
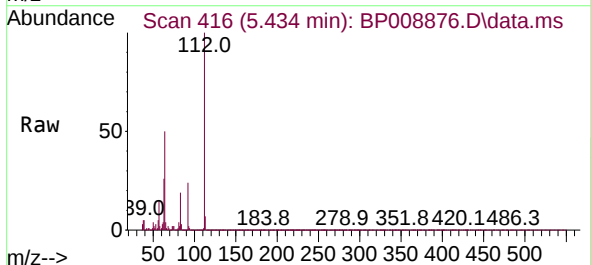
Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

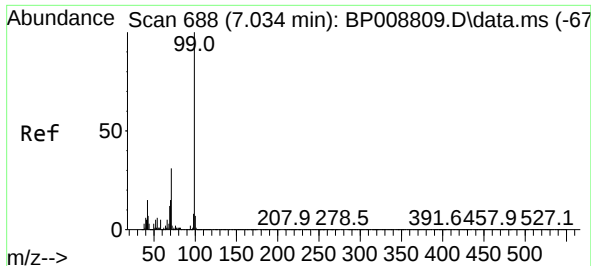
Tgt Ion:152 Resp: 321421
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 54.6 43.7 65.5



#5
2-Fluorophenol
Concen: 91.602 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

Tgt Ion:112 Resp: 1903935
Ion Ratio Lower Upper
112 100
64 49.5 39.7 59.5
63 26.2 20.0 30.0

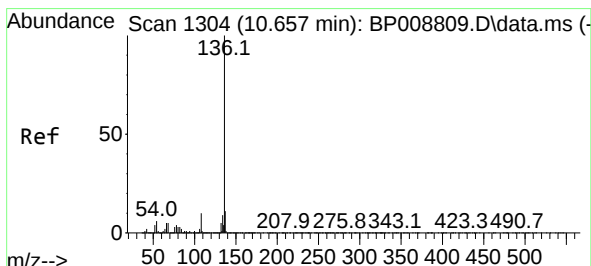
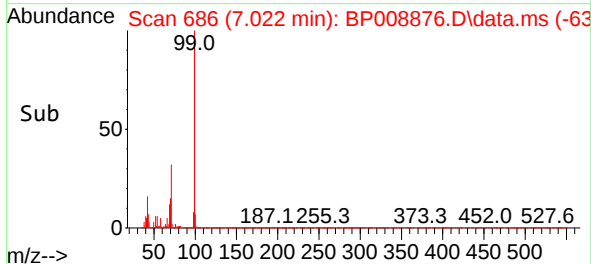
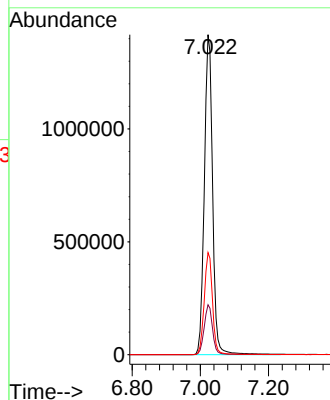
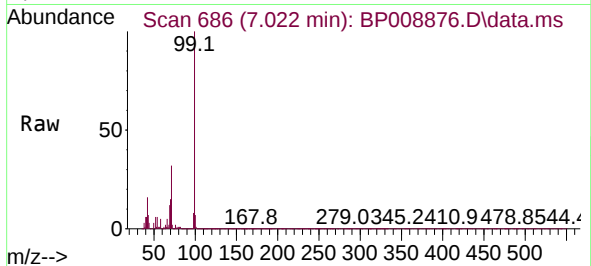




#7
Phenol-d6
Concen: 94.931 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

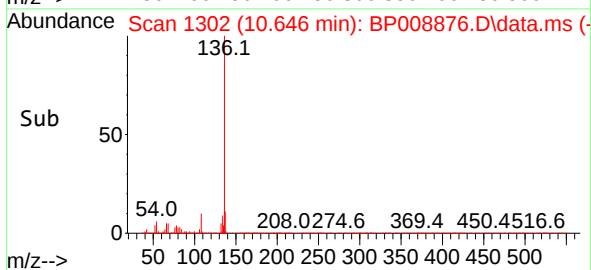
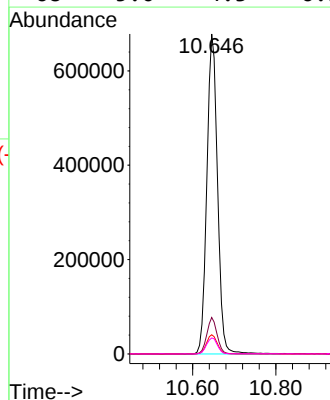
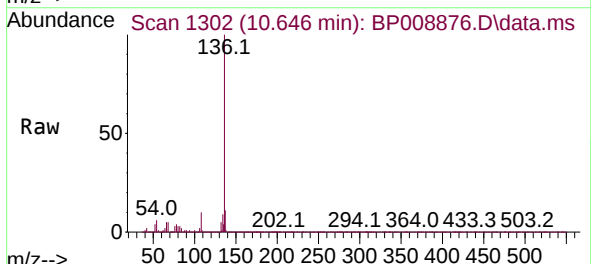
Instrument :
BNA_P
ClientSampleId :
PS-MH-SOIL

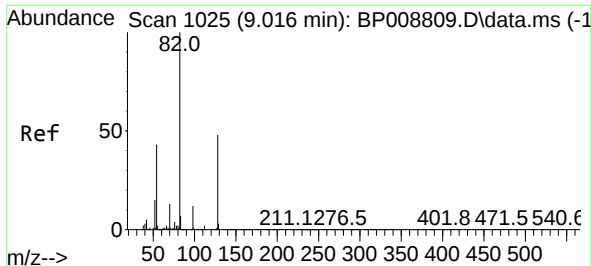
Tgt Ion: 99 Resp: 2389347
Ion Ratio Lower Upper
99 100
42 15.6 10.8 16.2
71 31.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1302
Delta R.T. -0.012 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

Tgt Ion: 136 Resp: 1207435
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.0 4.9 7.3
68 5.0 4.3 6.5

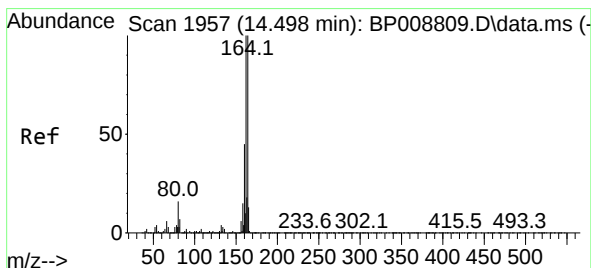
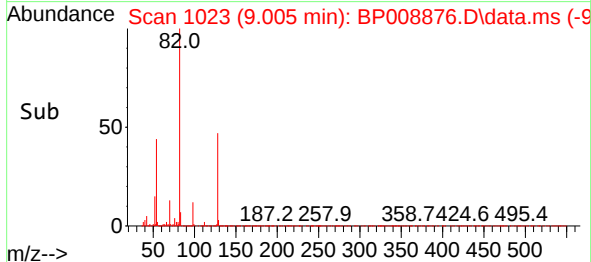
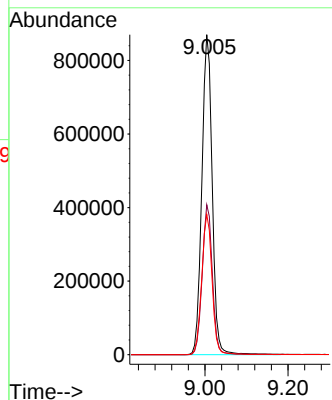
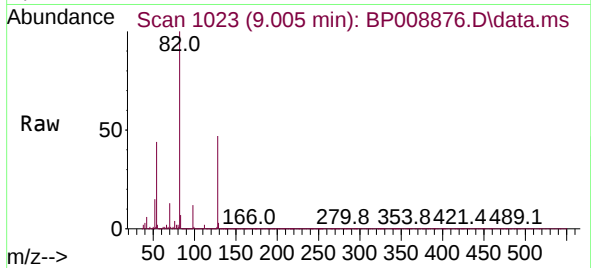




#23
Nitrobenzene-d5
Concen: 70.684 ng
RT: 9.005 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

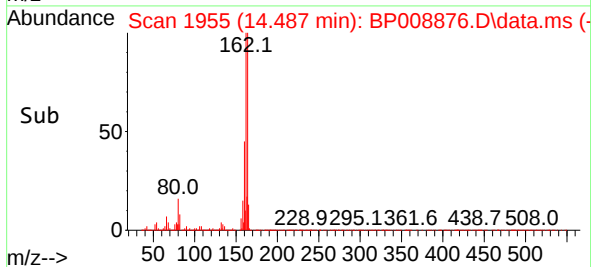
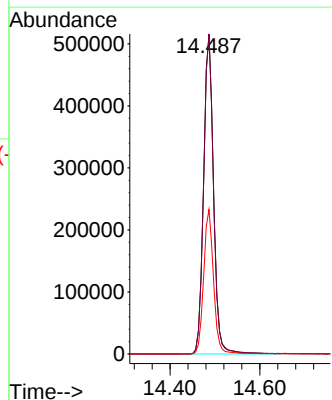
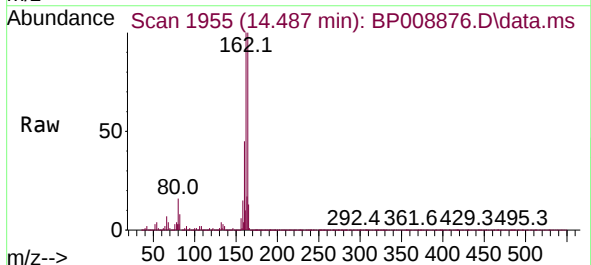
Instrument :
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ClientSampleId :
PS-MH-SOIL

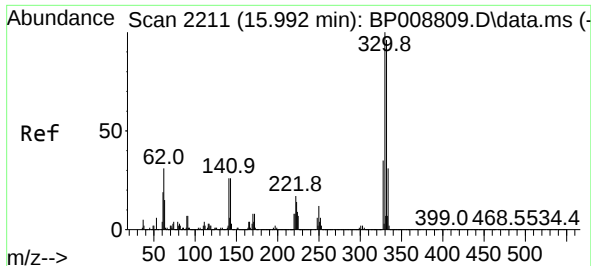
Tgt Ion: 82 Resp: 1503268
Ion Ratio Lower Upper
82 100
128 46.9 39.4 59.2
54 43.9 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

Tgt Ion:164 Resp: 792607
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 45.3 35.5 53.3

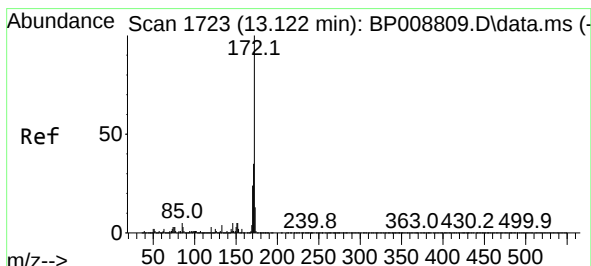
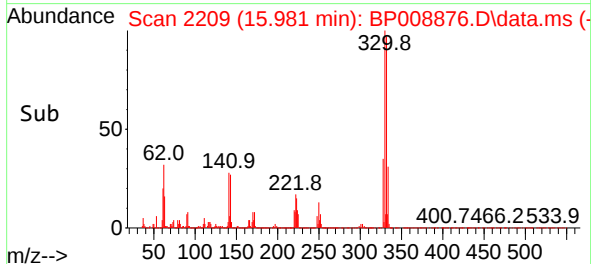
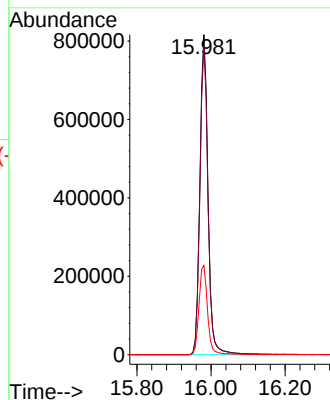
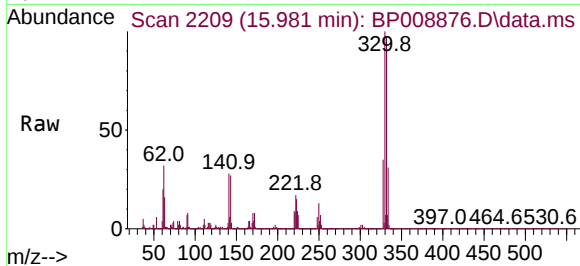




#42
2,4,6-Tribromophenol
Concen: 107.726 ng
RT: 15.981 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

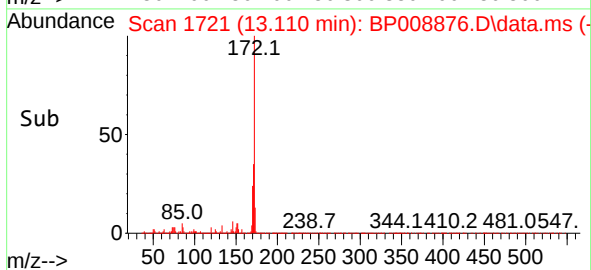
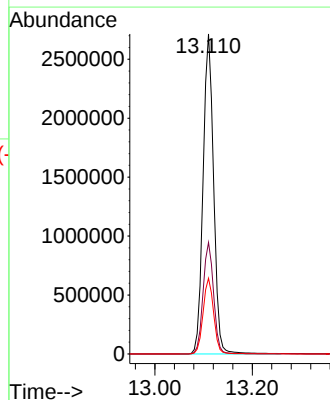
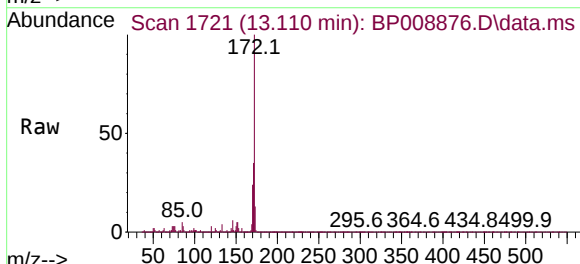
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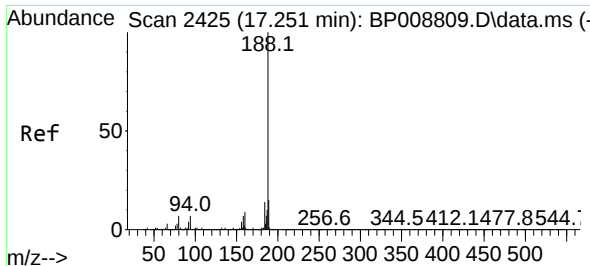
Tgt Ion:330 Resp: 1242858
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 29.4 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 67.936 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

Tgt Ion:172 Resp: 4083205
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 23.6 19.5 29.3

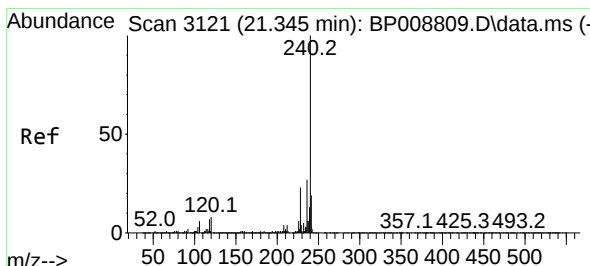
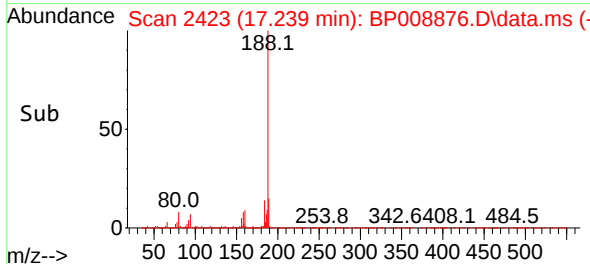
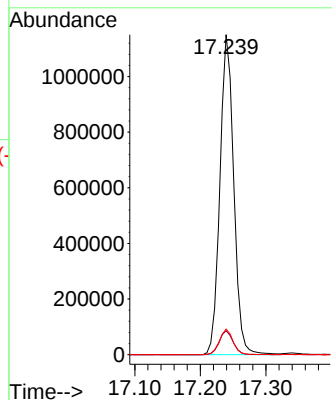
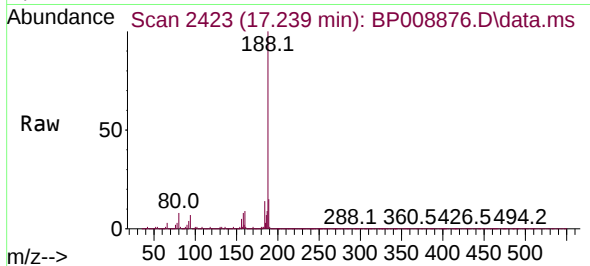




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

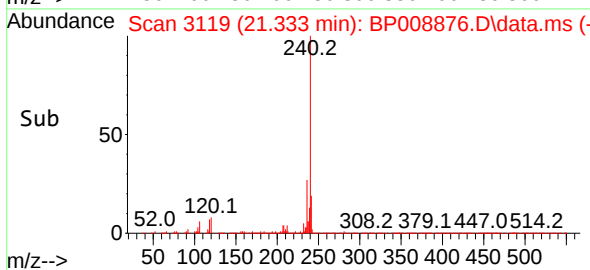
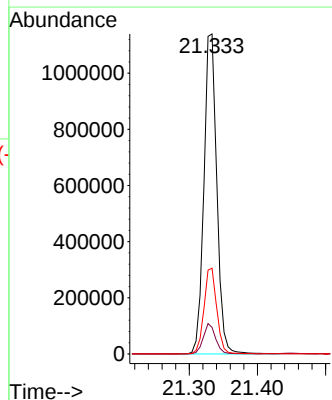
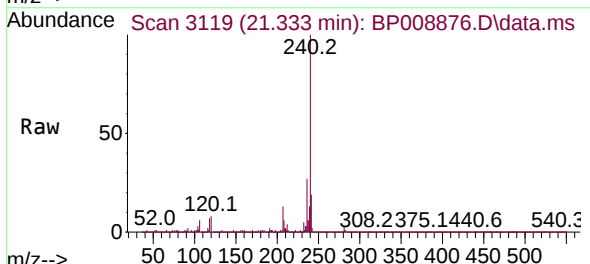
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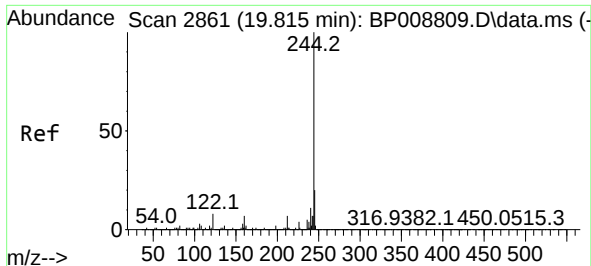
Tgt Ion:188 Resp: 1677526
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP008876.D
Acq: 20 Jan 2022 19:20

Tgt Ion:240 Resp: 1502423
Ion Ratio Lower Upper
240 100
120 8.3 7.7 11.5
236 26.8 21.2 31.8

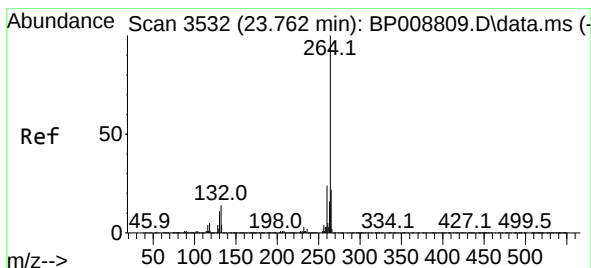
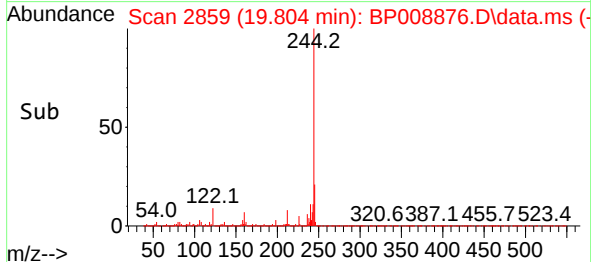
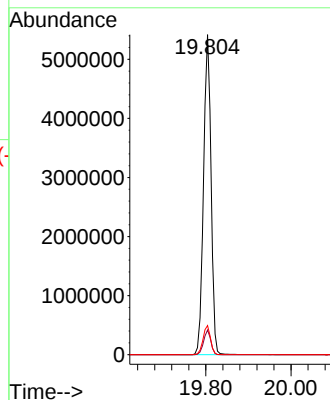
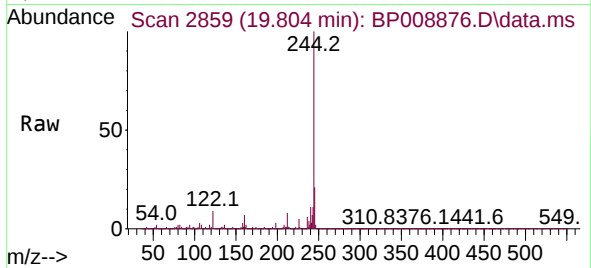




#79
 Terphenyl-d14
 Concen: 74.373 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008876.D
 Acq: 20 Jan 2022 19:20

Instrument :
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Tgt Ion:244 Resp: 6619875
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.1 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3529
 Delta R.T. -0.017 min
 Lab File: BP008876.D
 Acq: 20 Jan 2022 19:20

Tgt Ion:264 Resp: 1305308
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 22.1 17.1 25.7

