

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060821\
 Data File : BP005805.D
 Acq On : 09 Jun 2021 10:25
 Operator : CG/JU
 Sample : M2589-30
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FOUNDATION-EXCAVATION-SAMP

Quant Time: Jun 09 12:24:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 11:54:55 2021
 Response via : Initial Calibration

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

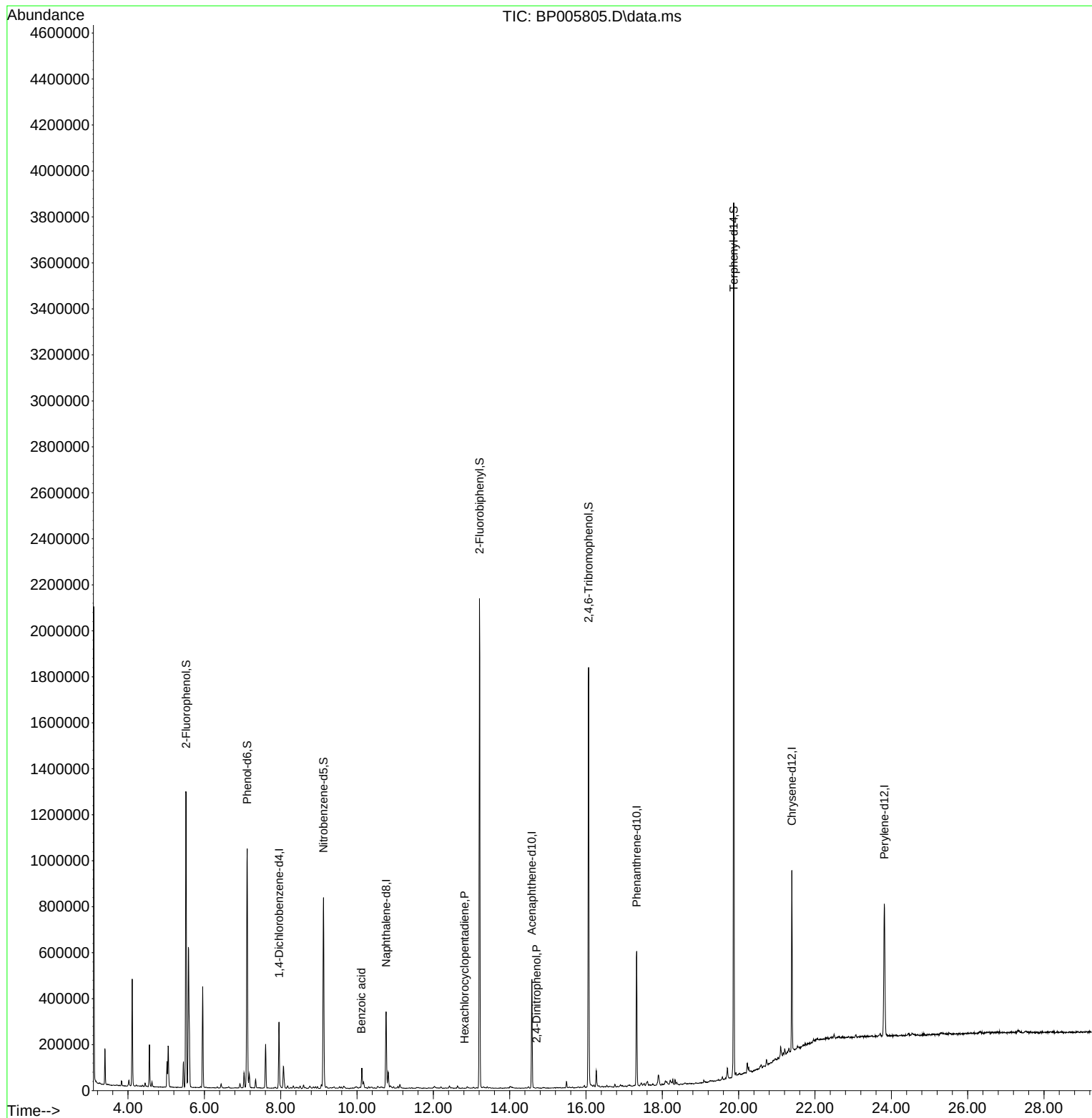
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	74854	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	271070	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	162308	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	340002	20.000	ng	0.00
76) Chrysene-d12	21.392	240	393370	20.000	ng	0.00
86) Perylene-d12	23.815	264	457995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	571089	122.423	ng	0.00
7) Phenol-d6	7.122	99	583448	96.496	ng	0.00
23) Nitrobenzene-d5	9.122	82	476610	86.202	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	358883	128.848	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	1033732	83.633	ng	0.00
79) Terphenyl-d14	19.869	244	1742621	82.951	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.116	122	74	6.340	ng	# 1
41) Hexachlorocyclopentadiene	12.816	237	13	5.508	ng	79
54) 2,4-Dinitrophenol	14.704	184	29	4.864	ng	# 1

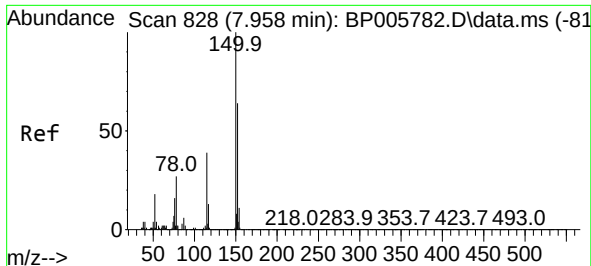
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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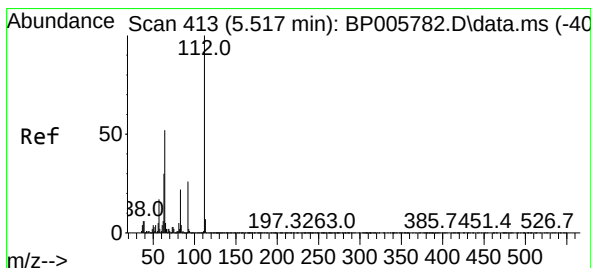
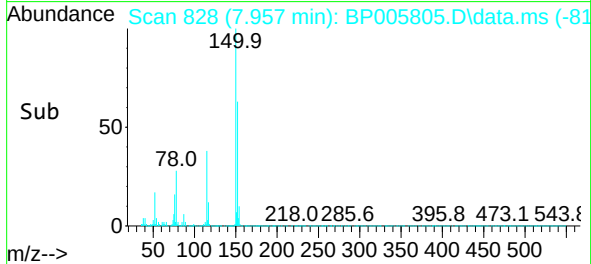
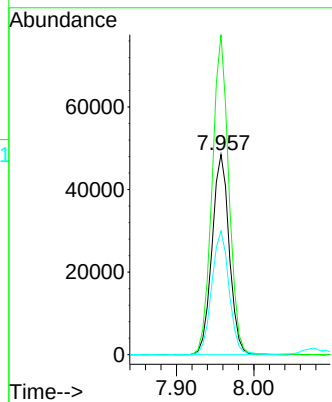
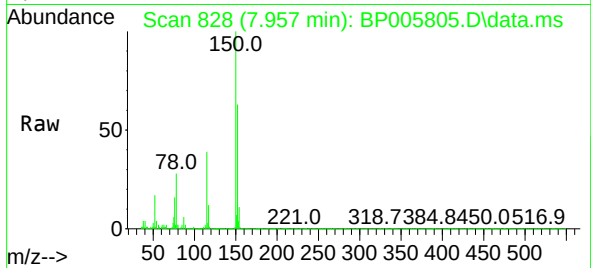




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.957 min Scan# 828
 Delta R.T. -0.001 min
 Lab File: BP005805.D
 Acq: 09 Jun 2021 10:25

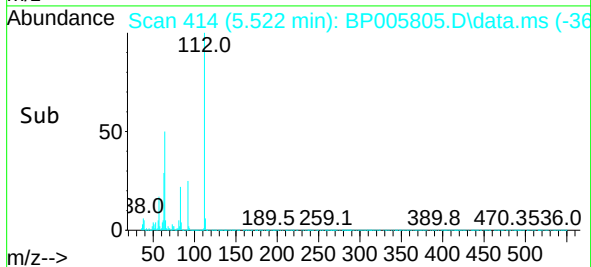
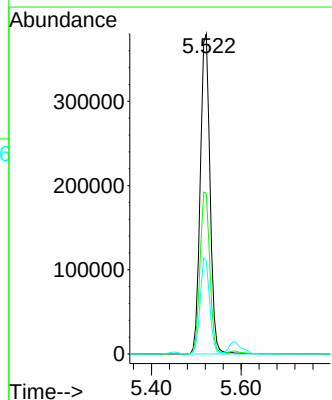
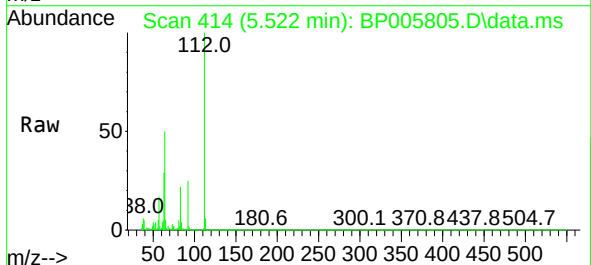
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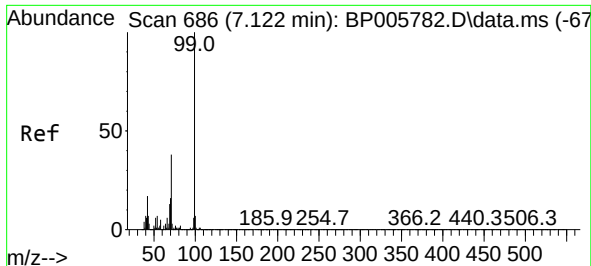
Tgt Ion:152 Resp: 74854
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.6 188.4
 115 61.7 48.5 72.7



#5
 2-Fluorophenol
 Concen: 122.423 ng
 RT: 5.522 min Scan# 414
 Delta R.T. 0.005 min
 Lab File: BP005805.D
 Acq: 09 Jun 2021 10:25

Tgt Ion:112 Resp: 571089
 Ion Ratio Lower Upper
 112 100
 64 50.3 41.4 62.2
 63 29.2 23.8 35.8

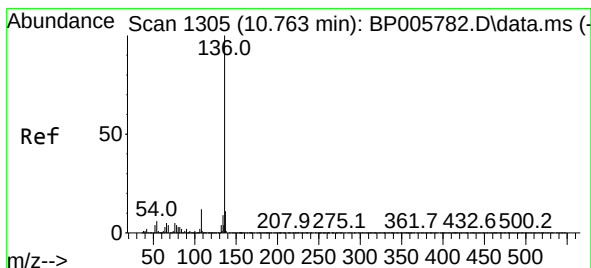
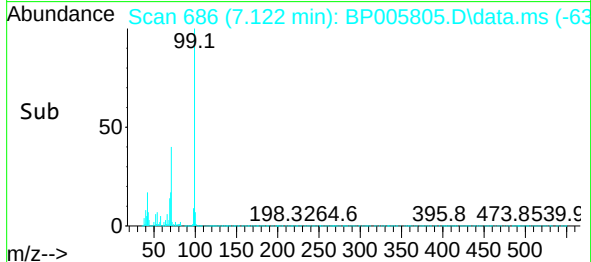
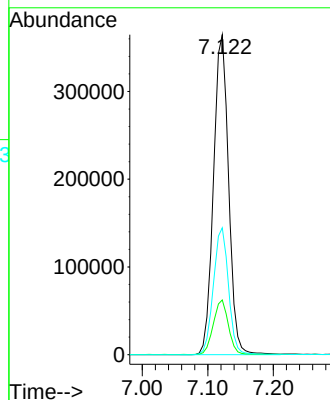
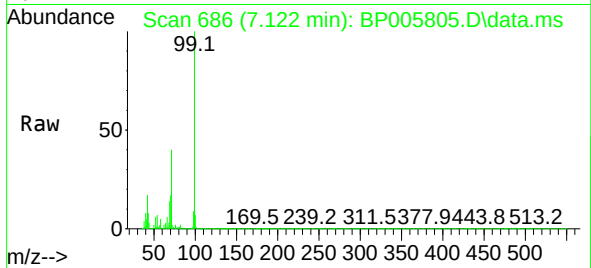




#7
Phenol-d6
Concen: 96.496 ng
RT: 7.122 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

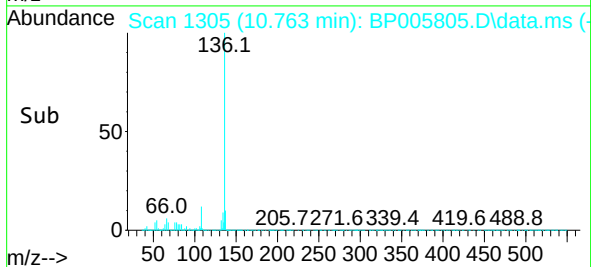
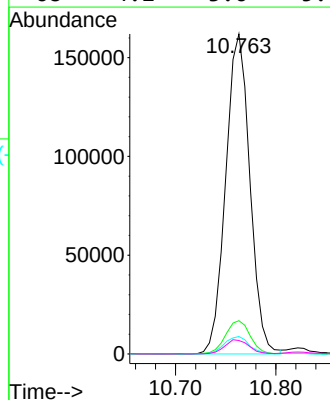
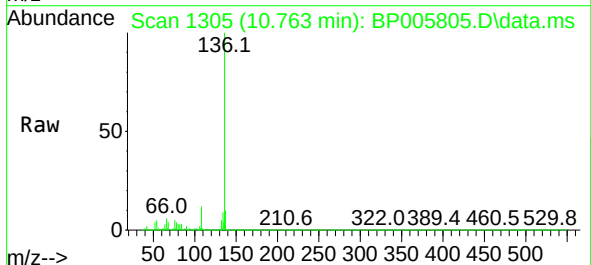
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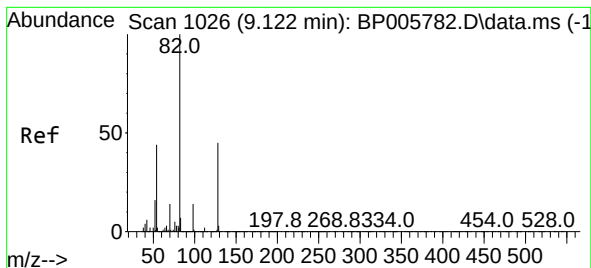
Tgt Ion: 99 Resp: 583448
Ion Ratio Lower Upper
99 100
42 17.1 13.4 20.0
71 39.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

Tgt Ion: 136 Resp: 271070
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 5.5 4.6 6.8
68 4.2 3.6 5.4

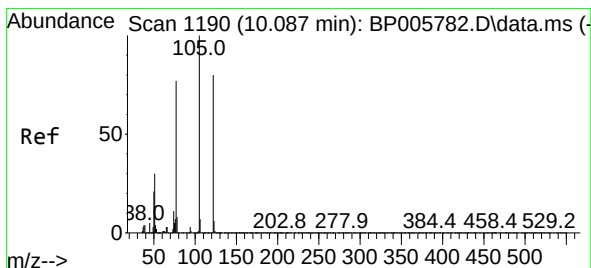
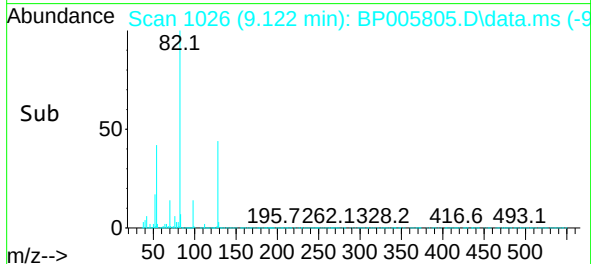
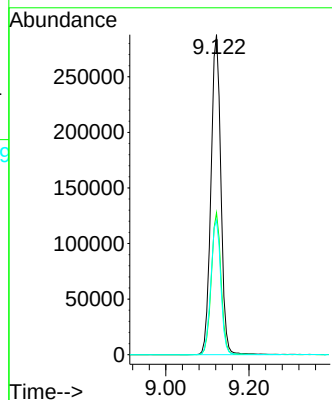
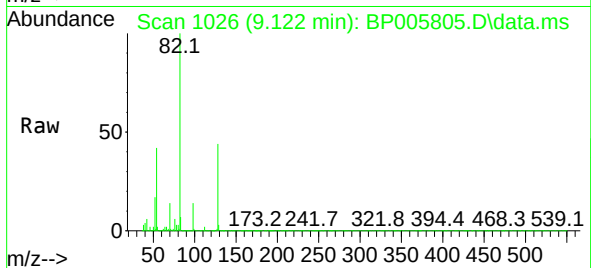




#23
Nitrobenzene-d5
Concen: 86.202 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

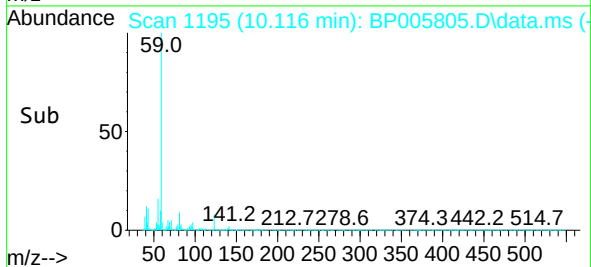
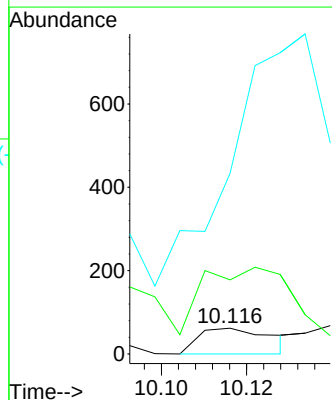
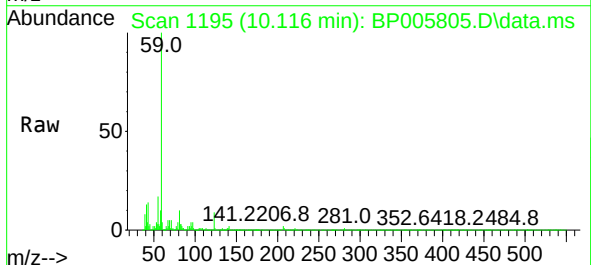
Instrument :
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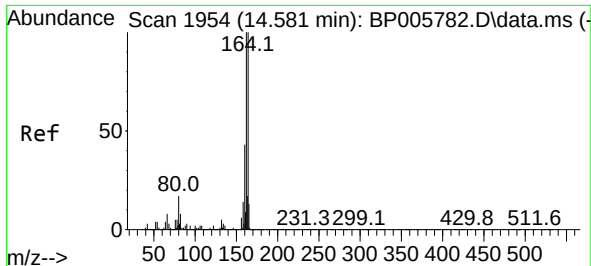
Tgt Ion: 82 Resp: 476610
Ion Ratio Lower Upper
82 100
128 44.4 35.7 53.5
54 42.1 35.0 52.4



#32
Benzoic acid
Concen: 6.340 ng
RT: 10.116 min Scan# 1195
Delta R.T. 0.029 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

Tgt Ion: 122 Resp: 74
Ion Ratio Lower Upper
122 100
105 287.1 103.2 143.2#
77 700.0 76.2 116.2#

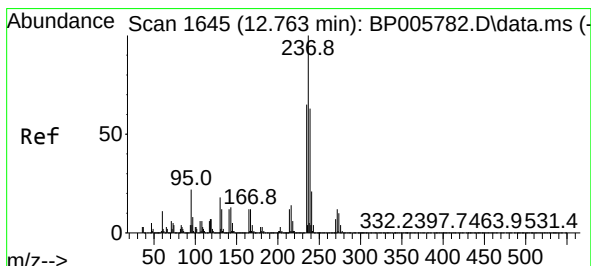
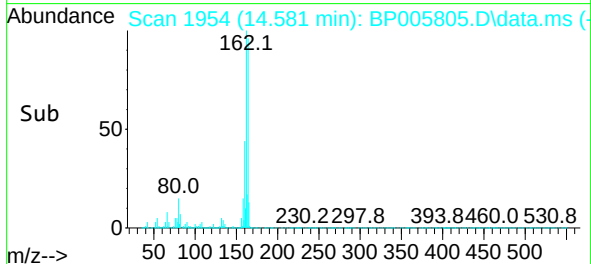
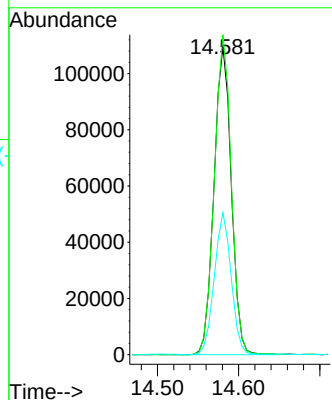
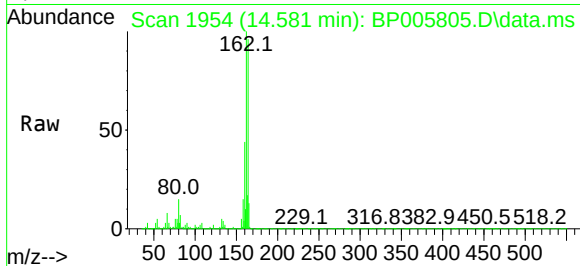




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

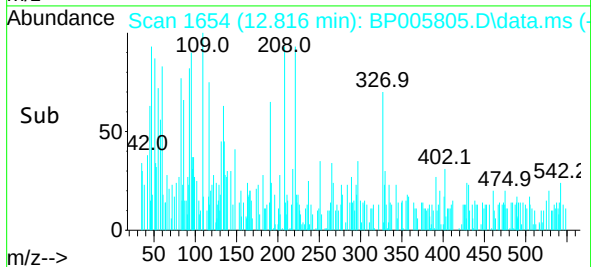
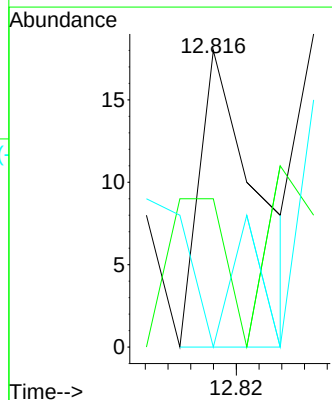
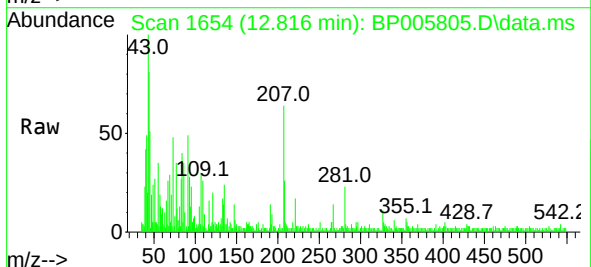
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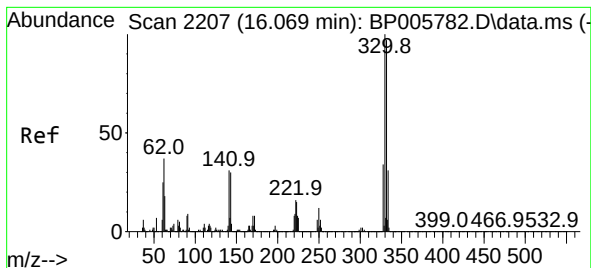
Tgt Ion:164 Resp: 162308
Ion Ratio Lower Upper
164 100
162 104.0 80.2 120.2
160 46.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.508 ng
RT: 12.816 min Scan# 1654
Delta R.T. 0.053 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 50.0 44.5 84.5
272 0.0 0.0 32.5

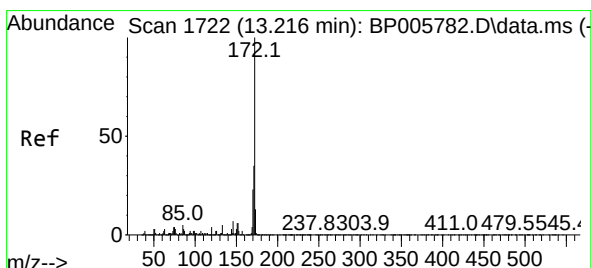
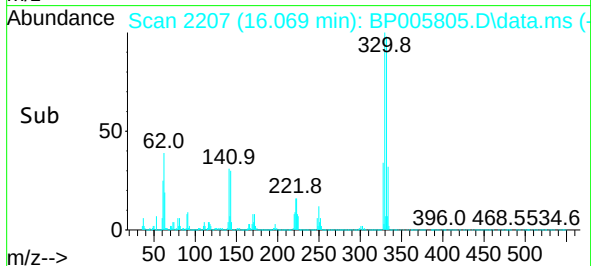
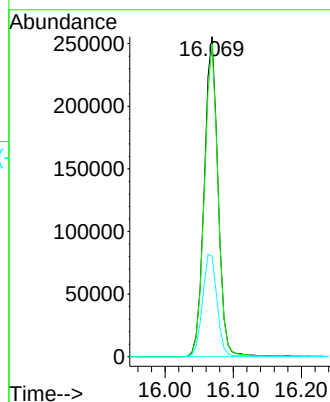
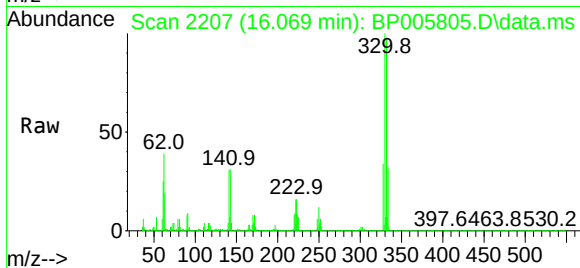




#42
2,4,6-Tribromophenol
Concen: 128.848 ng
RT: 16.069 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

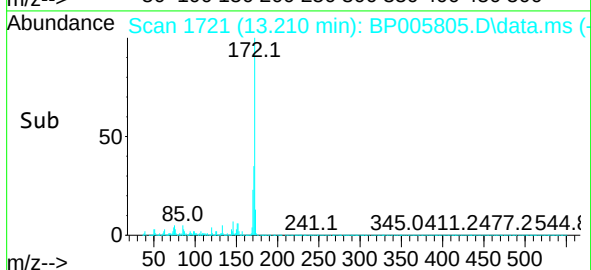
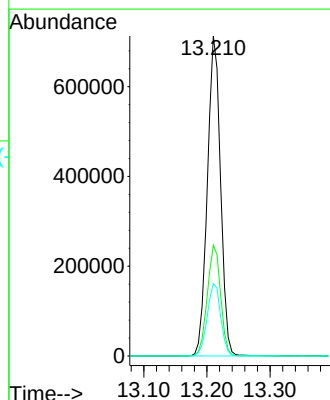
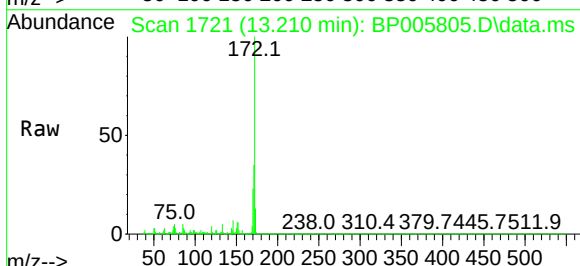
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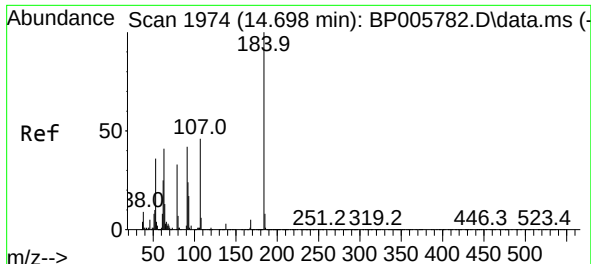
Tgt Ion:330 Resp: 358883
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 33.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 83.633 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

Tgt Ion:172 Resp: 1033732
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 22.7 18.6 27.8

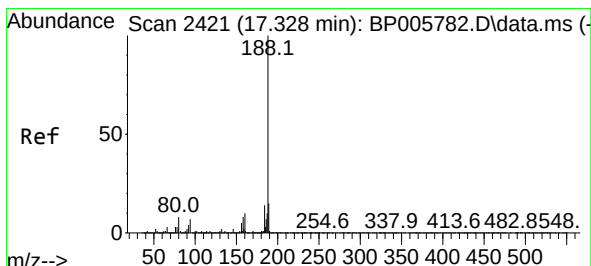
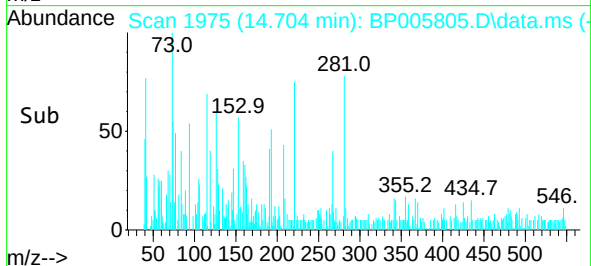
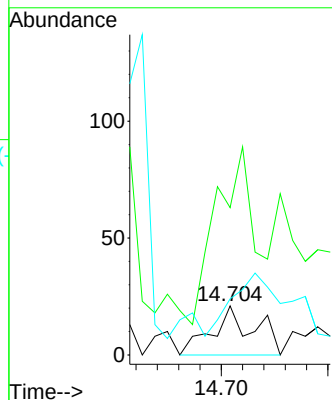
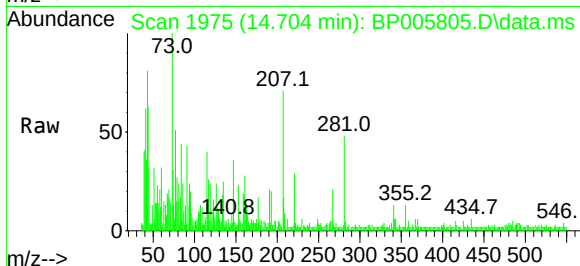




#54
2,4-Dinitrophenol
Concen: 4.864 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

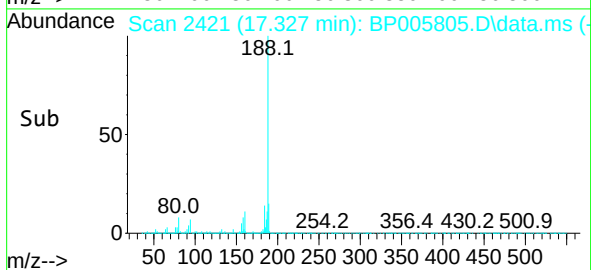
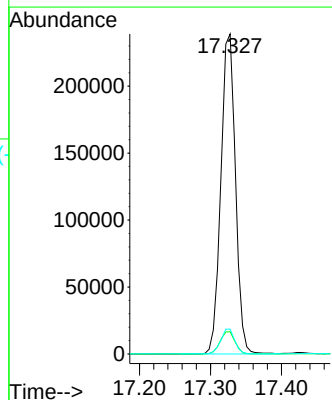
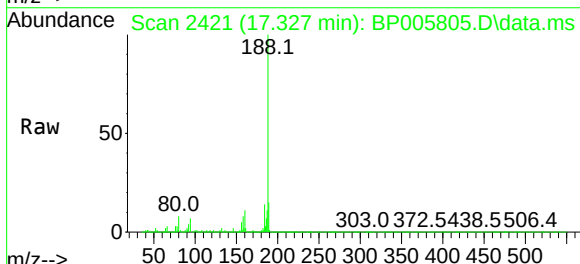
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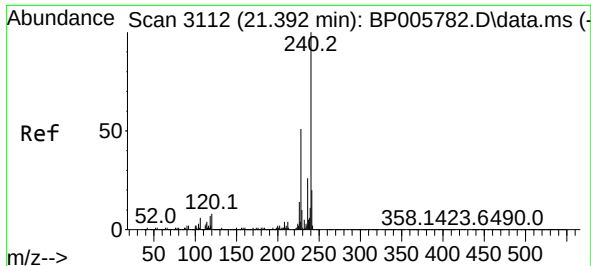
Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 300.0 47.0 70.6#
154 114.3 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

Tgt Ion:188 Resp: 340002
Ion Ratio Lower Upper
188 100
94 6.9 5.6 8.4
80 7.8 6.3 9.5

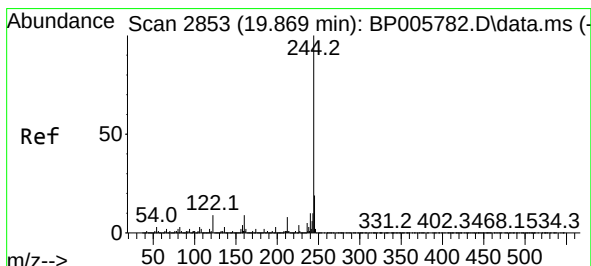
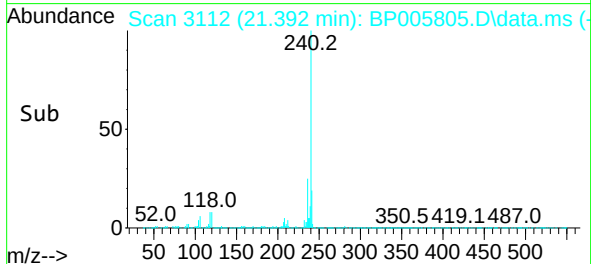
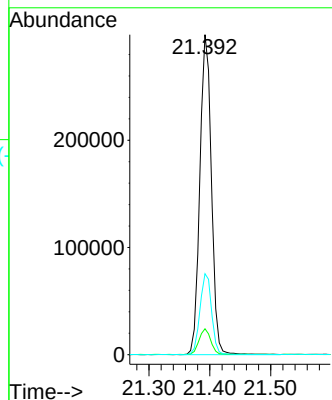
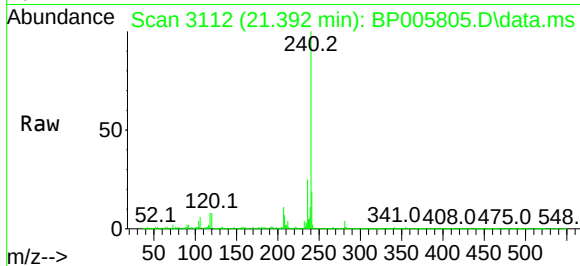




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

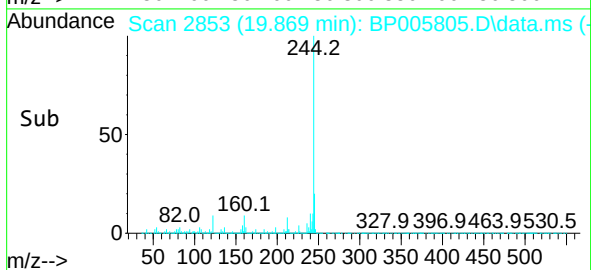
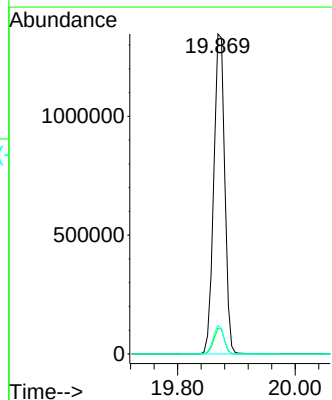
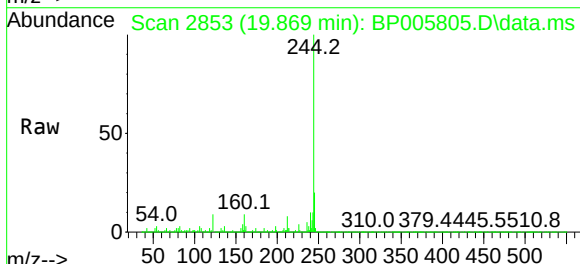
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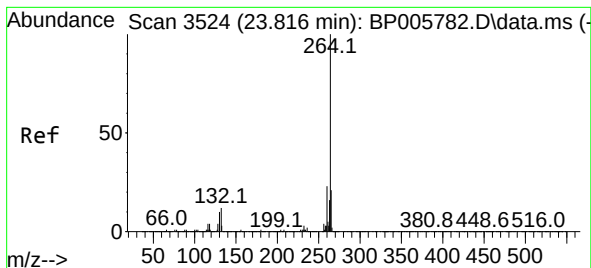
Tgt Ion:240 Resp: 393370
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.3 20.6 31.0



#79
Terphenyl-d14
Concen: 82.951 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP005805.D
Acq: 09 Jun 2021 10:25

Tgt Ion:244 Resp: 1742621
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 8.9 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 3524
 Delta R.T. -0.000 min
 Lab File: BP005805.D
 Acq: 09 Jun 2021 10:25

Instrument :
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Tgt Ion:264 Resp: 457995
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 22.1 17.6 26.4

