

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006141.D
 Acq On : 08 Jul 2021 15:53
 Operator : CG/JU
 Sample : M2963-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-1A-COMP

Quant Time: Jul 08 16:53:46 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)

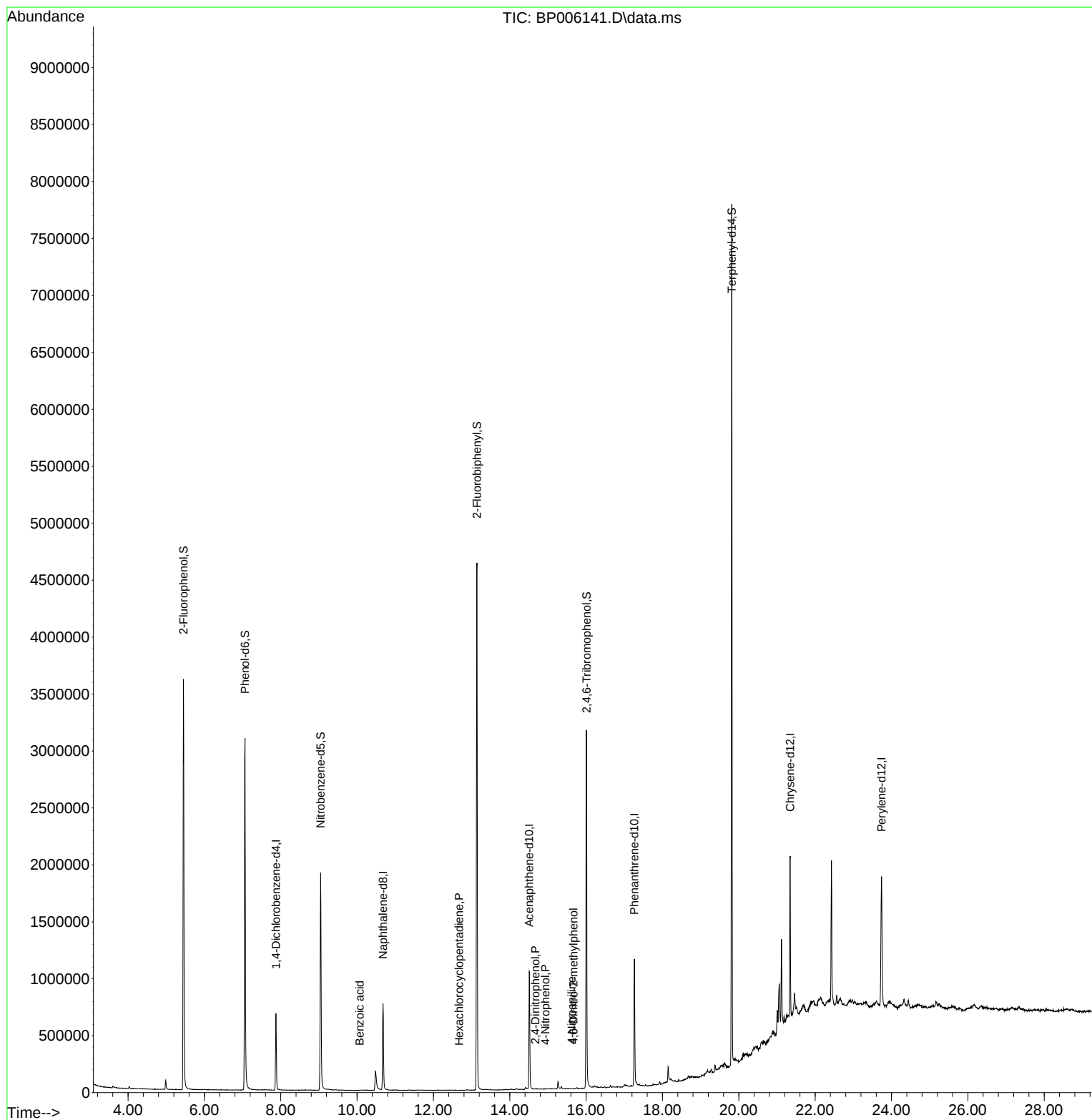
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	198504	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	733593	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	377976	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	695749	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	705678	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	844722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1774825	153.843	ng	0.00
7) Phenol-d6	7.063	99	2037119	133.496	ng	0.00
23) Nitrobenzene-d5	9.046	82	1160715	99.942	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	638149	141.810	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	2464539	96.393	ng	0.00
79) Terphenyl-d14	19.816	244	3155834	88.172	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.069	122	6	6.903	ng	# 1
41) Hexachlorocyclopentadiene	12.675	237	49	8.736	ng	78
54) 2,4-Dinitrophenol	14.669	184	23	8.886	ng	# 1
56) 4-Nitrophenol	14.934	139	182	7.159	ng	89
62) 4-Nitroaniline	15.628	138	66	2.968	ng	86
65) 4,6-Dinitro-2-methylph...	15.669	198	29	4.425	ng	# 1

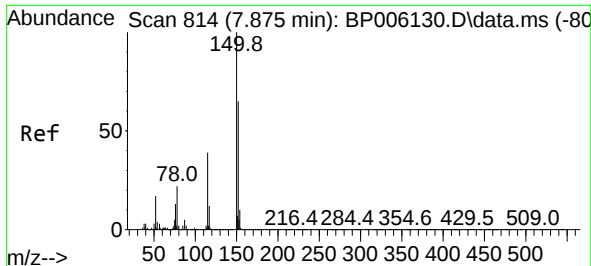
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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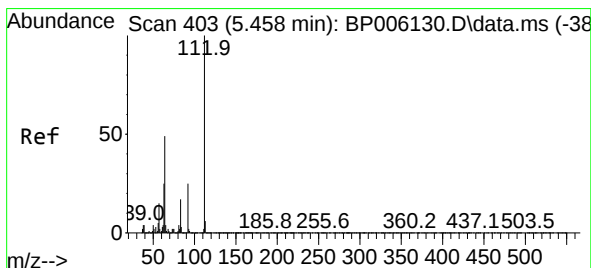
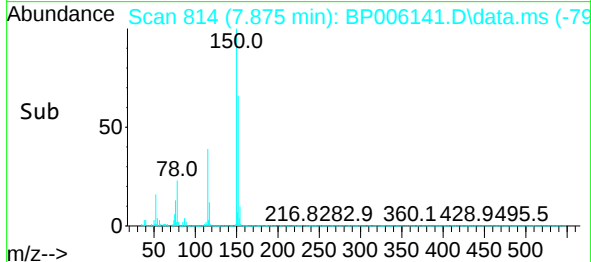
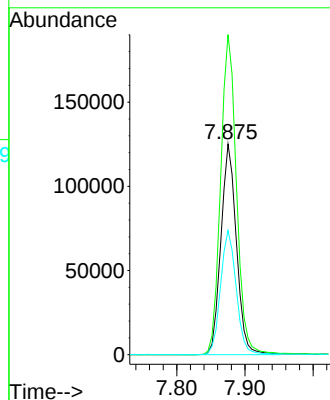
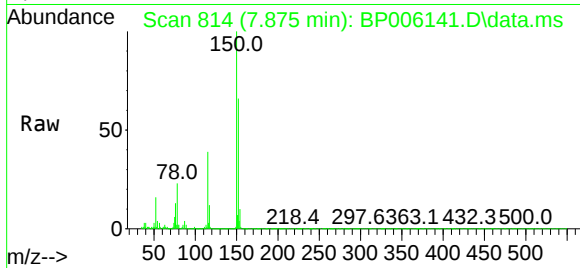




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

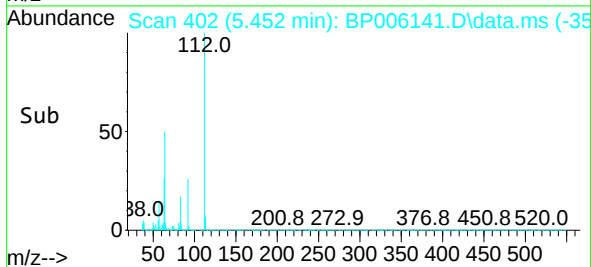
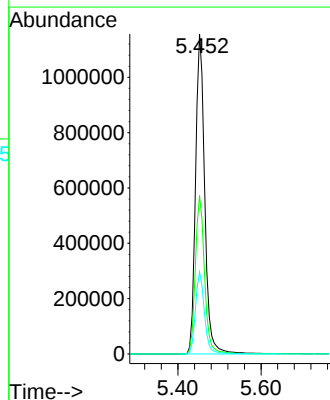
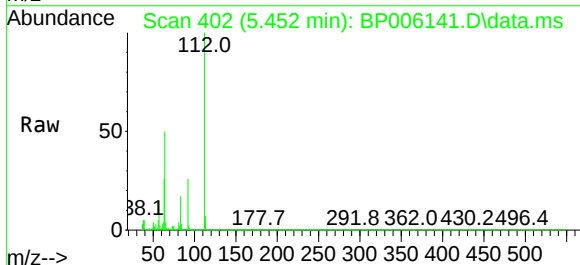
Instrument :
BNA_P
ClientSampleId :
MH-1A-COMP

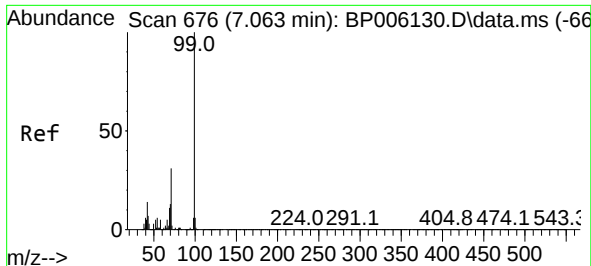
Tgt Ion:152 Resp: 198504
Ion Ratio Lower Upper
152 100
150 152.0 125.6 188.4
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 153.843 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion:112 Resp: 1774825
Ion Ratio Lower Upper
112 100
64 49.5 41.4 62.2
63 25.7 23.8 35.8



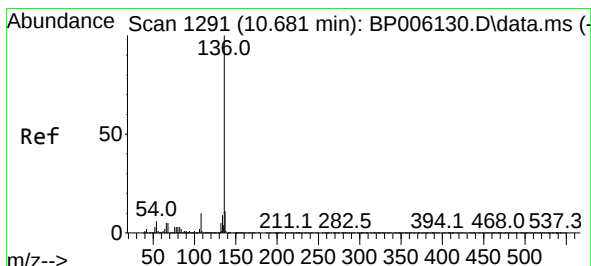
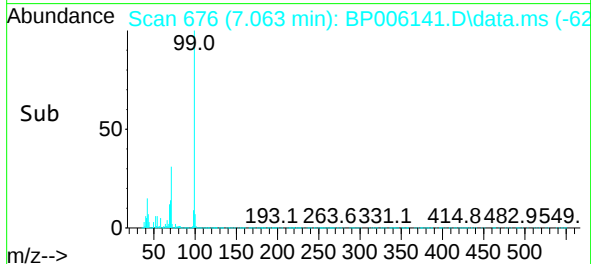
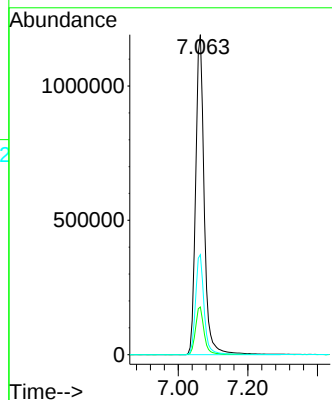
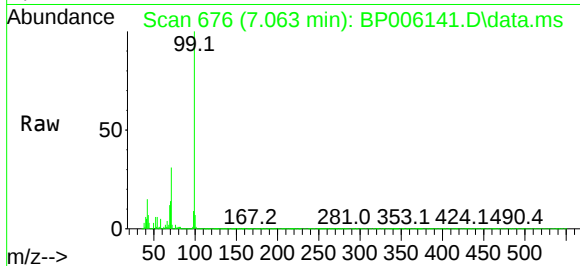


#7
Phenol-d6
Concen: 133.496 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Instrument :
BNA_P
ClientSampleId :
MH-1A-COMP

Tgt Ion: 99 Resp: 2037119

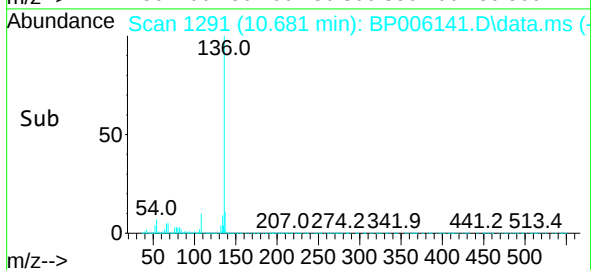
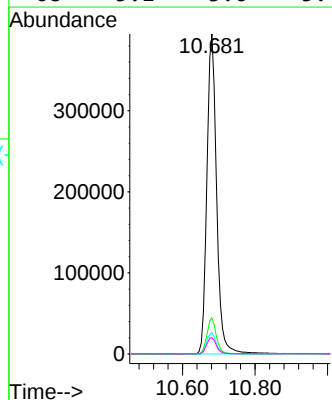
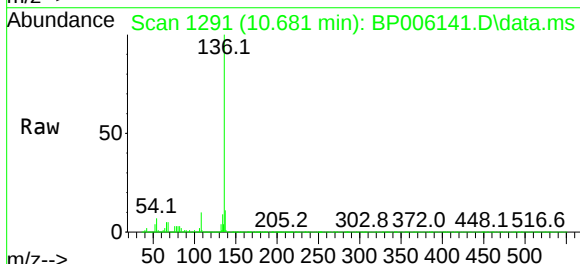
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.0
71	31.3	30.6	46.0

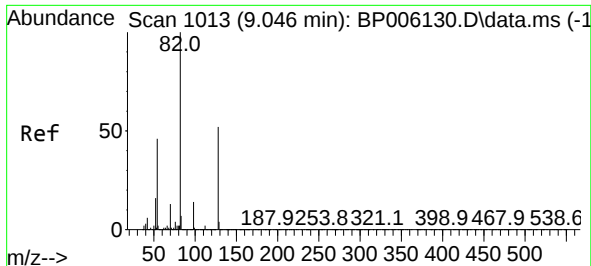


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion: 136 Resp: 733593

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	6.7	4.6	6.8
68	5.1	3.6	5.4

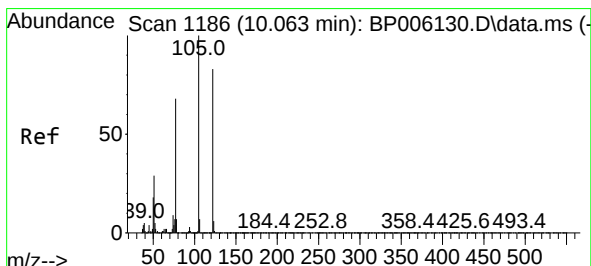
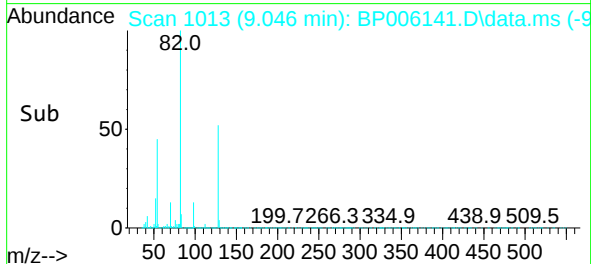
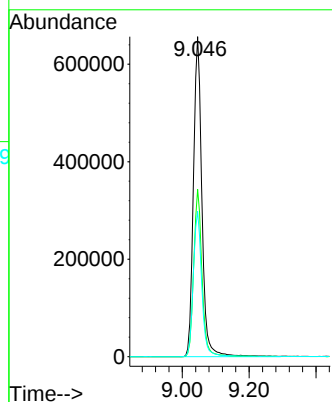
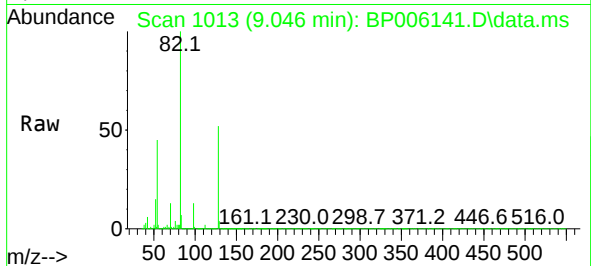




#23
Nitrobenzene-d5
Concen: 99.942 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

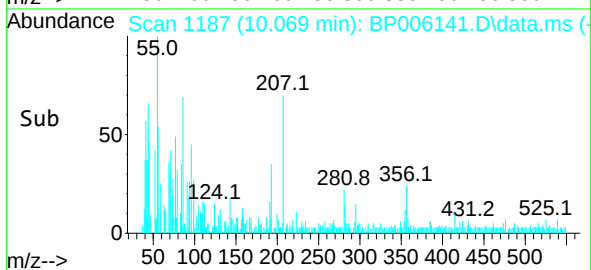
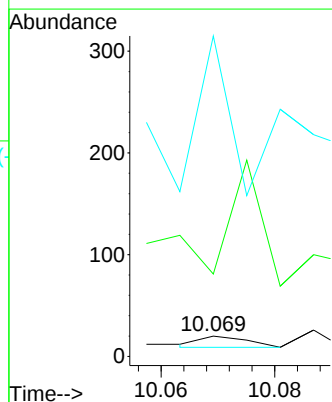
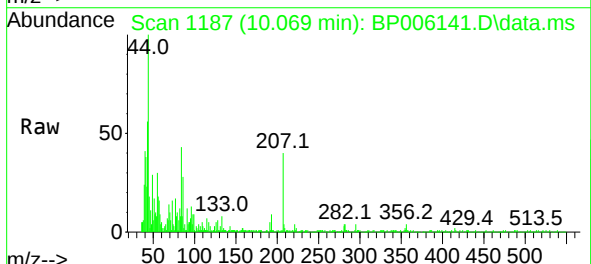
Instrument :
BNA_P
ClientSampleId :
MH-1A-COMP

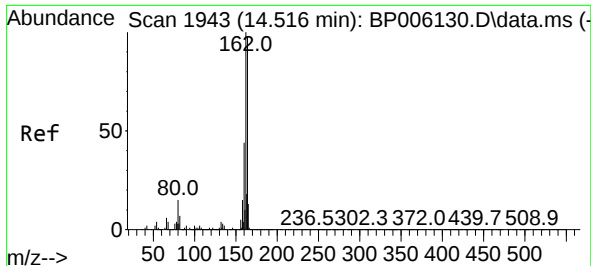
Tgt Ion: 82 Resp: 1160715
Ion Ratio Lower Upper
82 100
128 52.3 35.7 53.5
54 45.4 35.0 52.4



#32
Benzoic acid
Concen: 6.903 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion:122 Resp: 6
Ion Ratio Lower Upper
122 100
105 405.0 103.2 143.2#
77 1575.0 76.2 116.2#

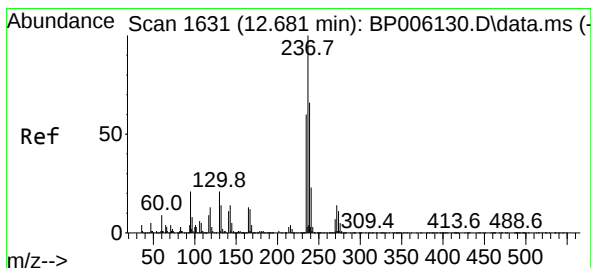
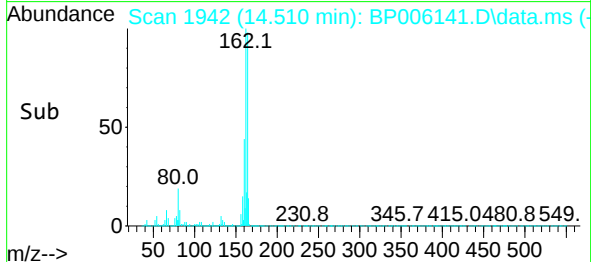
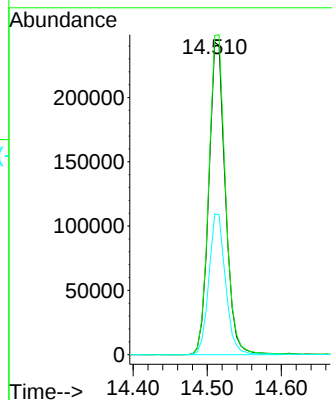
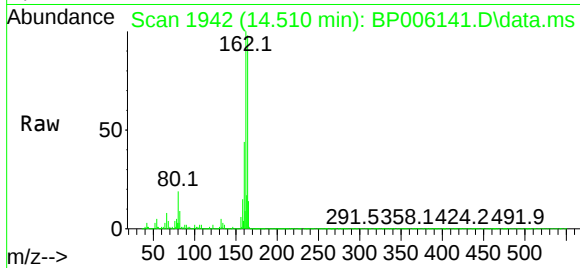




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

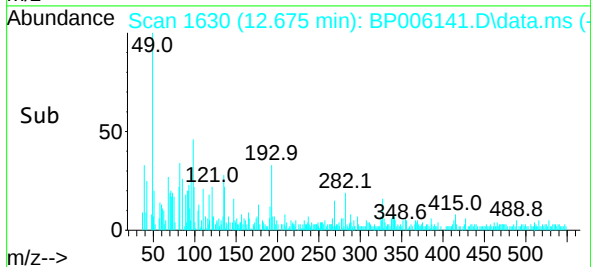
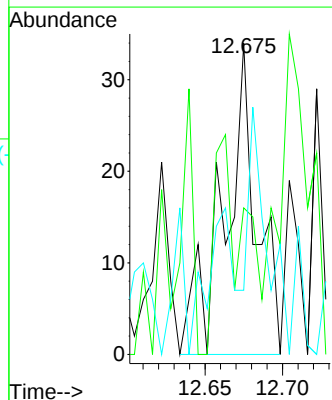
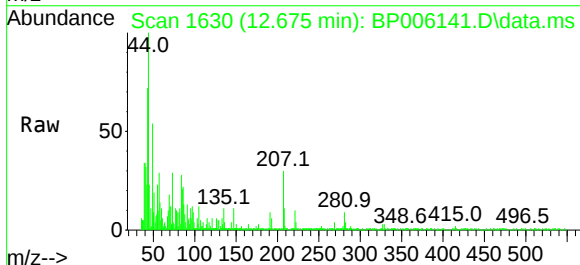
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ClientSampleId :
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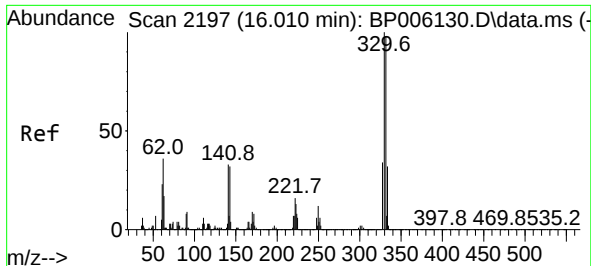
Tgt Ion:164 Resp: 377976
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.736 ng
RT: 12.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion:237 Resp: 49
Ion Ratio Lower Upper
237 100
235 47.1 44.5 84.5
272 20.6 0.0 32.5

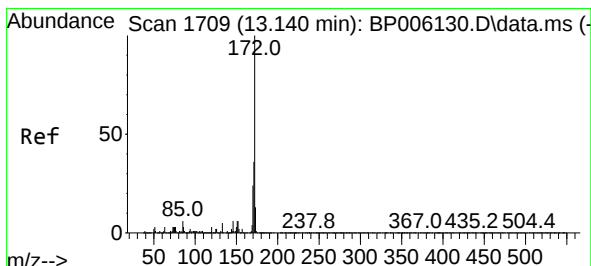
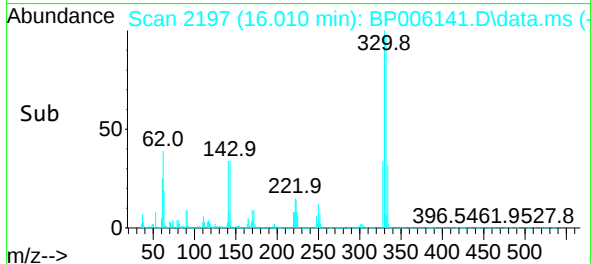
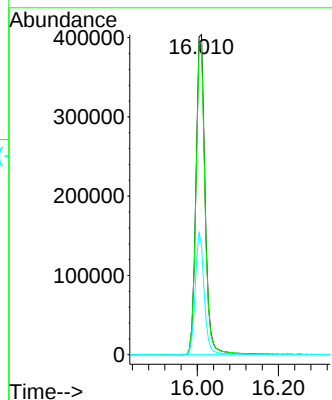
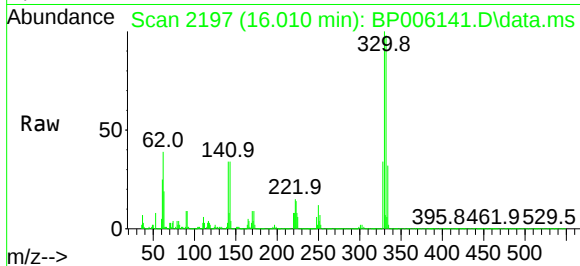




#42
2,4,6-Tribromophenol
Concen: 141.810 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

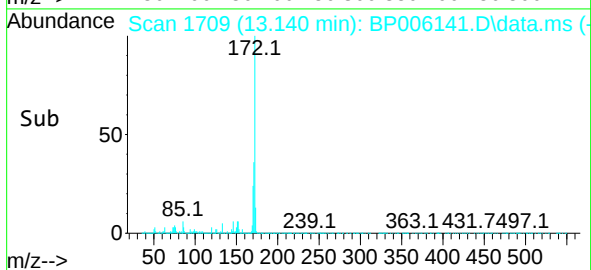
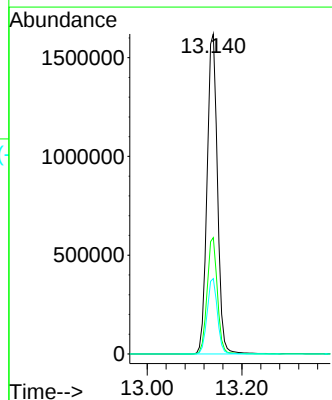
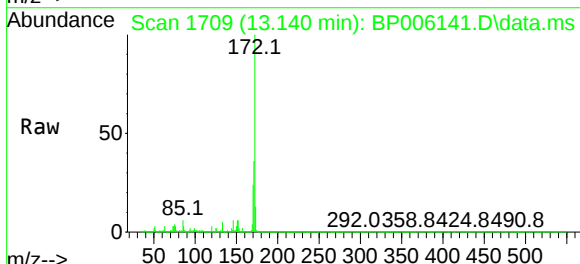
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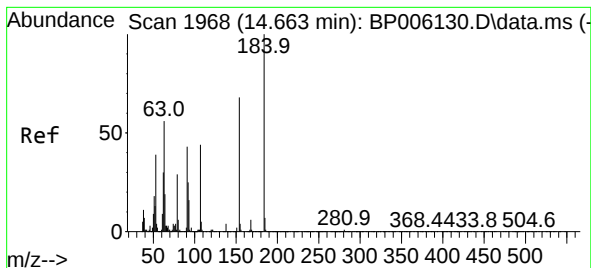
Tgt Ion:330 Resp: 638149
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 37.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 96.393 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion:172 Resp: 2464539
Ion Ratio Lower Upper
172 100
171 36.3 27.9 41.9
170 23.5 18.6 27.8

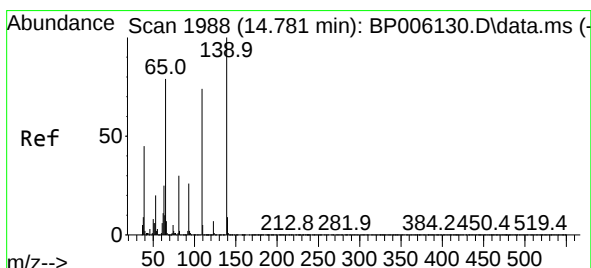
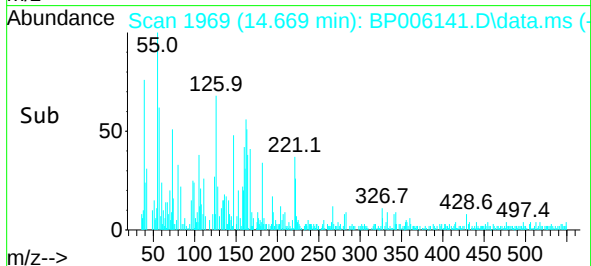
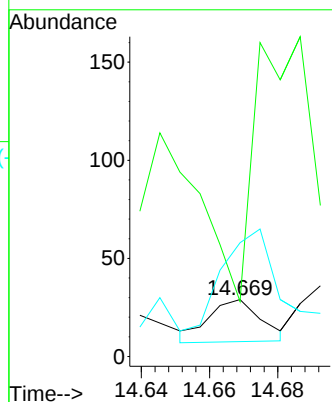
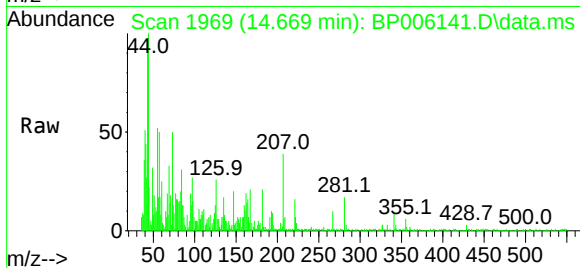




#54
2,4-Dinitrophenol
Concen: 8.886 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

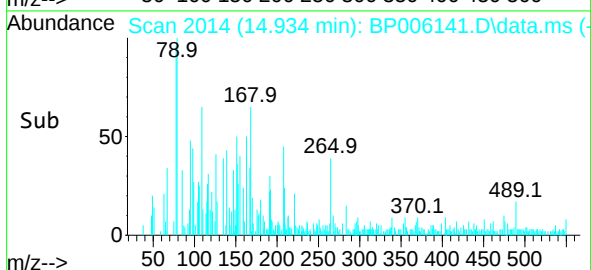
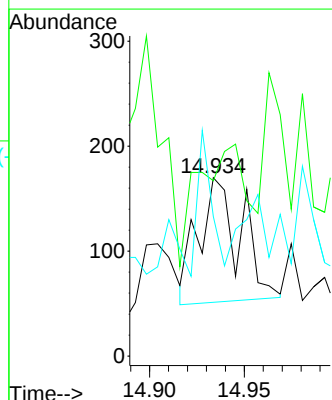
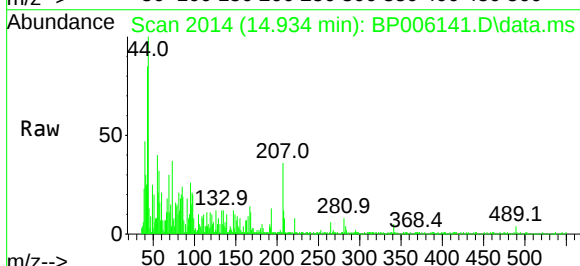
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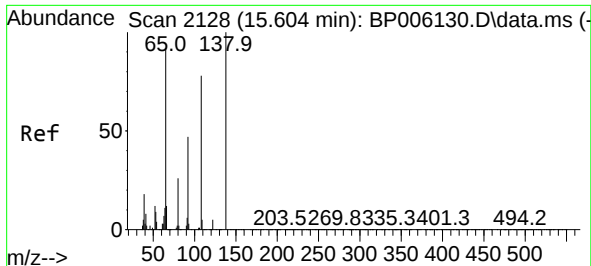
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 96.6 47.0 70.6#
154 200.0 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.159 ng
RT: 14.934 min Scan# 2014
Delta R.T. 0.153 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion:139 Resp: 182
Ion Ratio Lower Upper
139 100
109 98.2 72.3 112.3
65 78.2 72.5 112.5

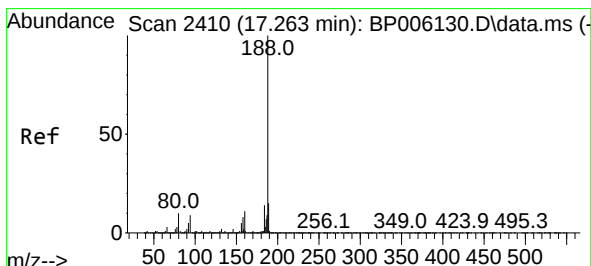
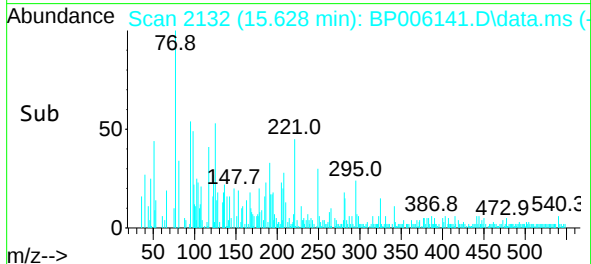
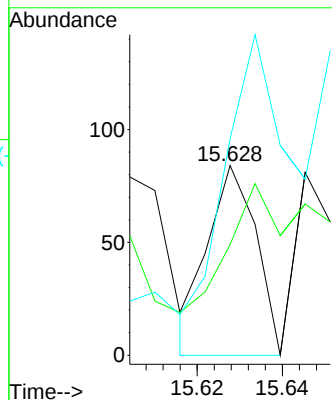
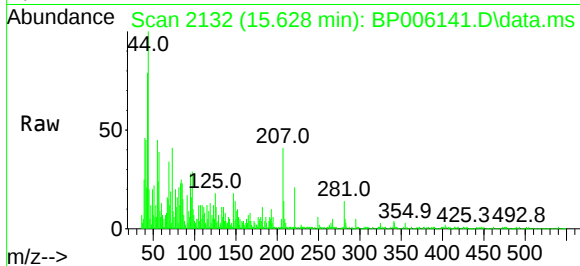




#62
4-Nitroaniline
Concen: 2.968 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.024 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

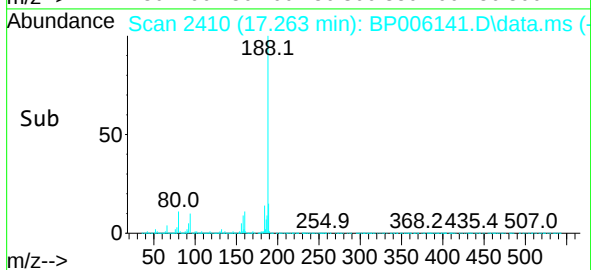
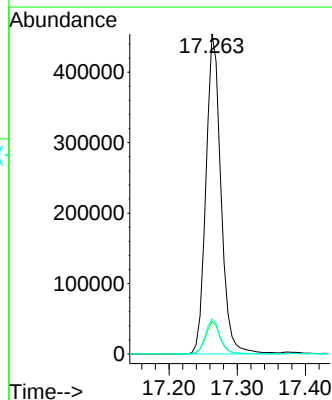
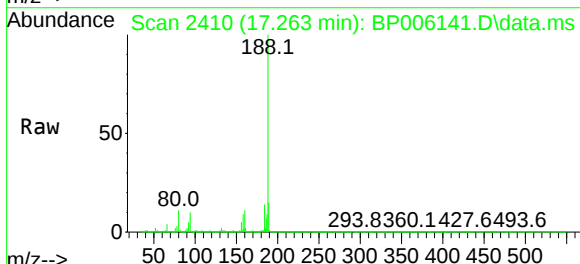
Instrument :
BNA_P
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MH-1A-COMP

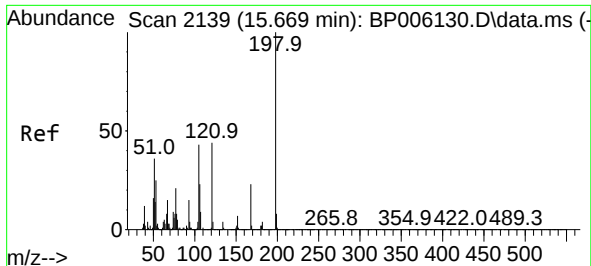
Tgt Ion:138 Resp: 66
Ion Ratio Lower Upper
138 100
92 58.3 31.2 71.2
108 114.3 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion:188 Resp: 695749
Ion Ratio Lower Upper
188 100
94 10.2 5.6 8.4#
80 10.9 6.3 9.5#

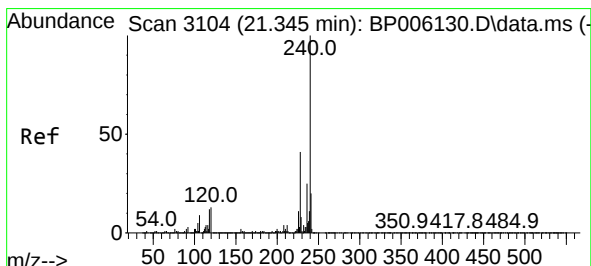
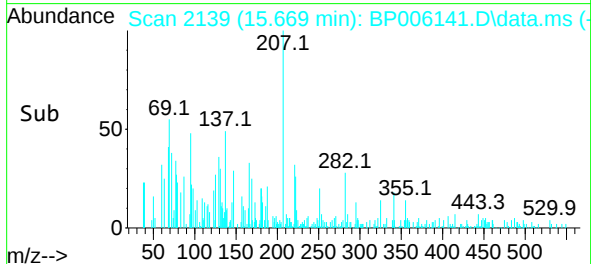
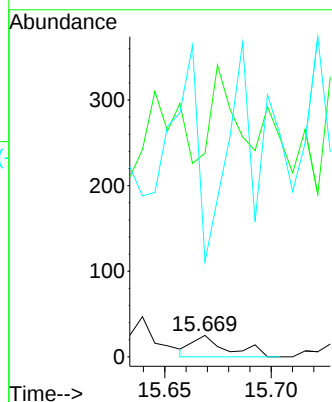
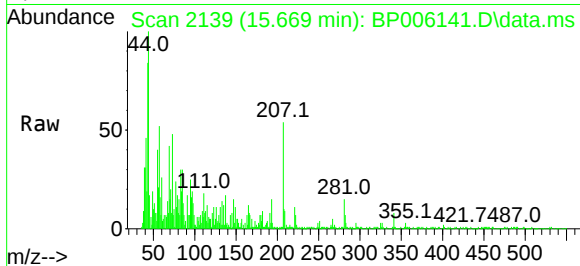




#65
4,6-Dinitro-2-methylphenol
Concen: 4.425 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

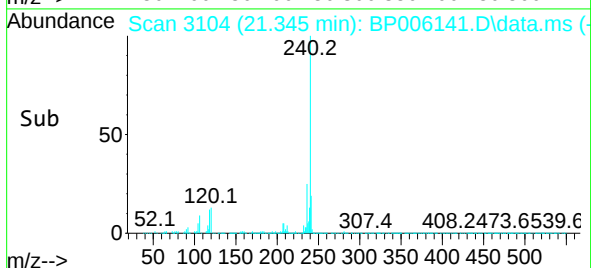
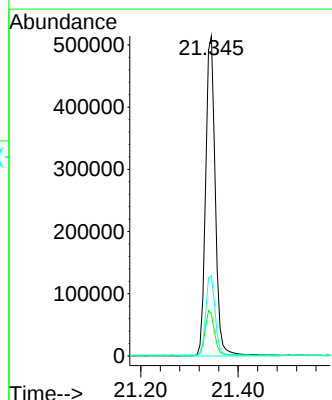
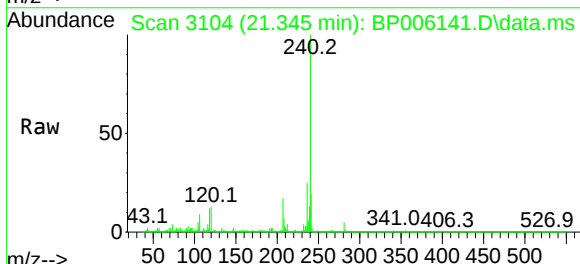
Instrument :
BNA_P
ClientSampleId :
MH-1A-COMP

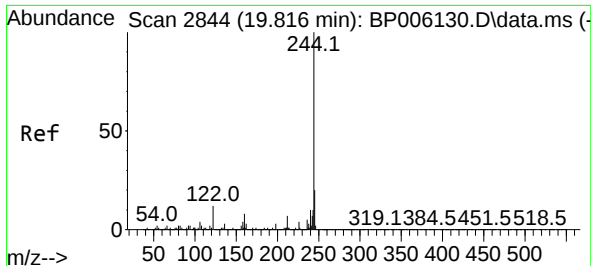
Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 952.0 14.0 54.0#
105 444.0 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion:240 Resp: 705678
Ion Ratio Lower Upper
240 100
120 13.2 6.5 9.7#
236 25.1 20.6 31.0

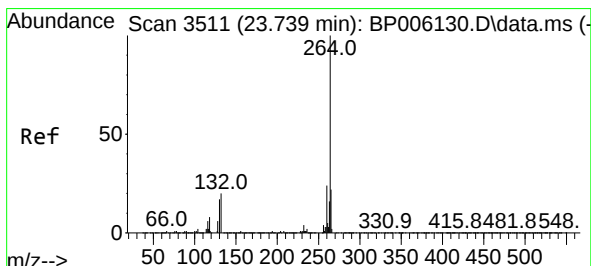
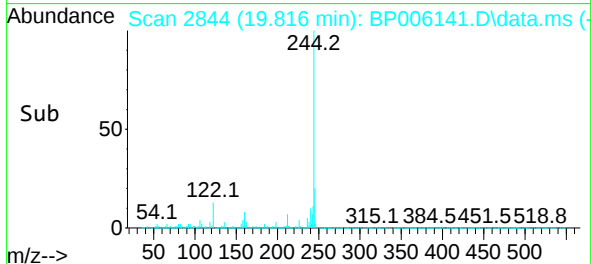
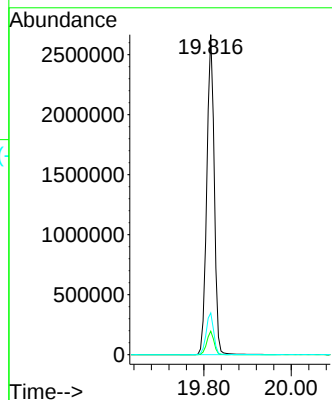
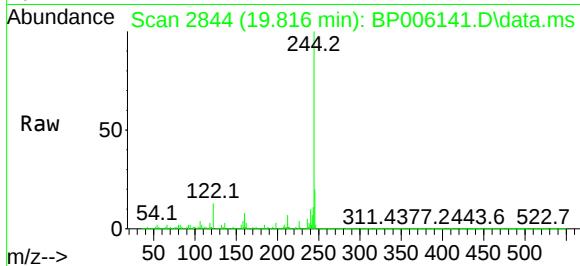




#79
Terphenyl-d14
Concen: 88.172 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006141.D
Acq: 08 Jul 2021 15:53

Instrument :
BNA_P
ClientSampleId :
MH-1A-COMP

Tgt Ion:244 Resp: 3155834
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.0 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: BP006141.D
Acq: 08 Jul 2021 15:53

Tgt Ion:264 Resp: 844722
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.0 17.6 26.4

