

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005506.D
 Acq On : 12 May 2021 16:18
 Operator : CG/JU
 Sample : M2295-12RE 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-B-C-ERE

Quant Time: May 12 16:50:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

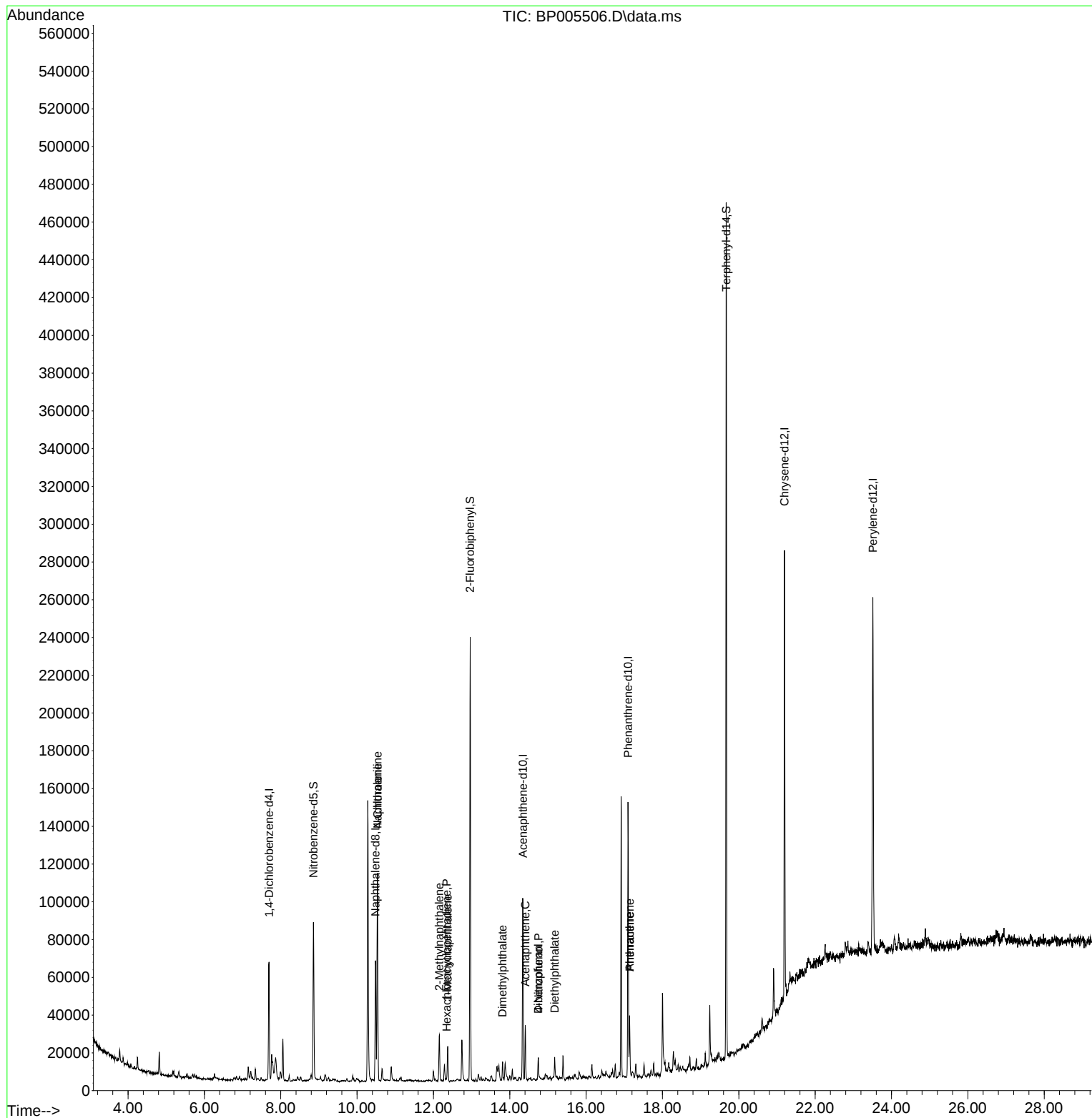
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	13227	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	35984	20.00	ng	#-0.01
39) Acenaphthene-d10	14.346	164	28178	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	74623	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	113592	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	140049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	12	0.02	ng	0.00
7) Phenol-d6	6.899	99	67	0.08	ng	0.00
23) Nitrobenzene-d5	8.858	82	40537	44.34	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	22	0.03	ng	0.04
45) 2-Fluorobiphenyl	12.963	172	96294	38.55	ng	0.00
79) Terphenyl-d14	19.669	244	184044	27.52	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.187	88	107	Below Cal	#	1
9) Benzaldehyde	6.852	77	647	Below Cal	#	67
31) Naphthalene	10.534	128	62368	32.23	ng	98
33) 4-Chloroaniline	10.534	127	8572	11.37	ng	# 34
37) 2-Methylnaphthalene	12.157	142	8743	5.63	ng	91
38) 1-Methylnaphthalene	12.375	142	6006	4.10	ng	92
41) Hexachlorocyclopentadiene	12.352	237	7	7.88	ng	90
50) Dimethylphthalate	13.810	163	5176	2.13	ng	# 90
52) Acenaphthene	14.410	154	8219	5.08	ng	93
55) Dibenzofuran	14.746	168	6103	2.00	ng	99
56) 4-Nitrophenol	14.751	139	2825	9.56	ng	# 1
60) Diethylphthalate	15.175	149	5318	2.26	ng	# 92
71) Phenanthrene	17.140	178	15568	3.67	ng	98
72) Anthracene	17.140	178	15568	3.70	ng	97

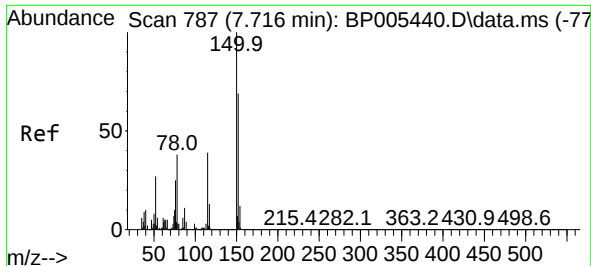
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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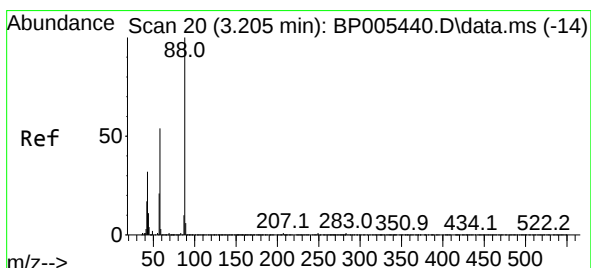
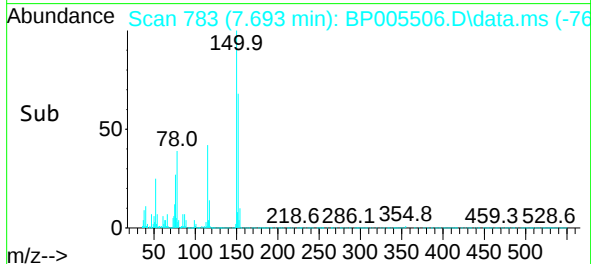
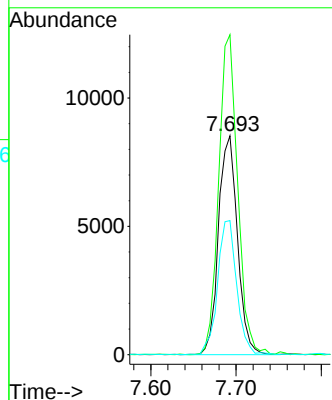
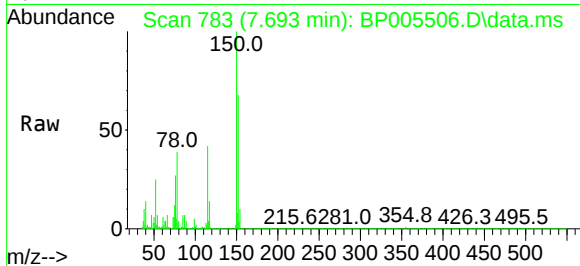




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

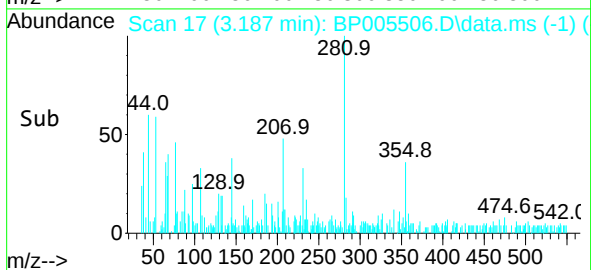
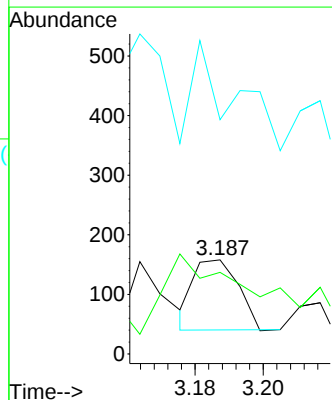
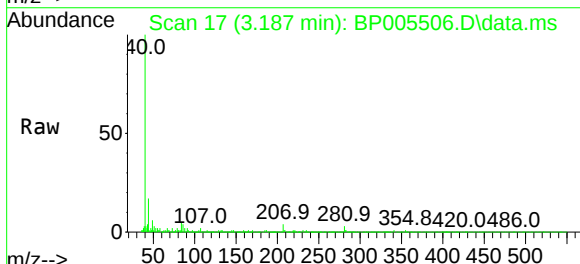
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-ERE

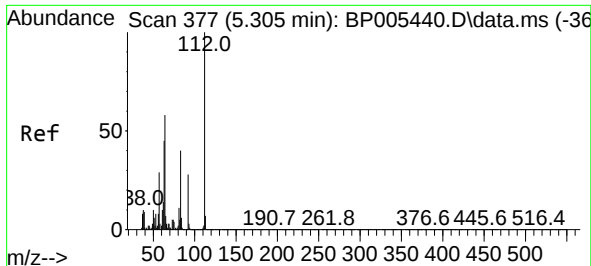
Tgt Ion:152 Resp: 13227
Ion Ratio Lower Upper
152 100
150 146.2 119.8 179.8
115 61.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.187 min Scan# 17
Delta R.T. 0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
58 253.3 42.5 63.7#
43 0.0 19.8 29.8#

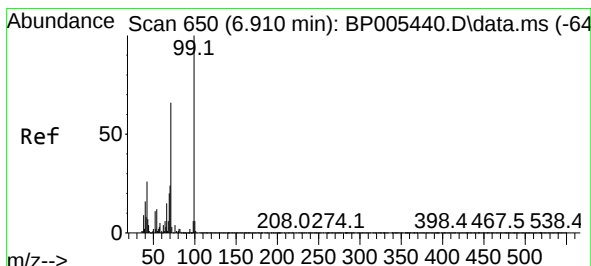
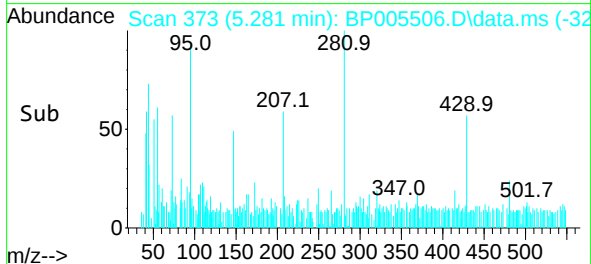
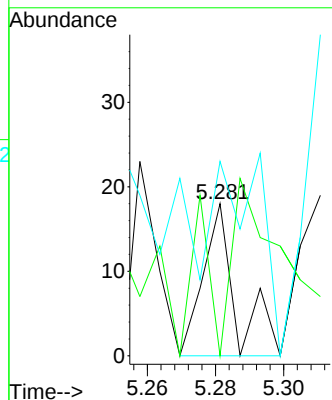
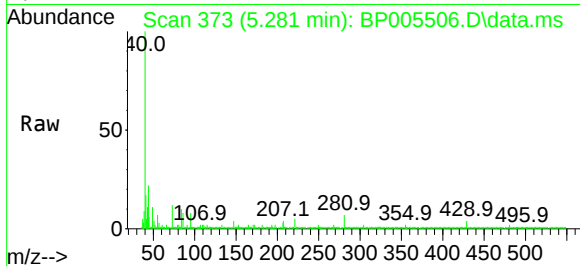




#5
2-Fluorophenol
Concen: 0.02 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

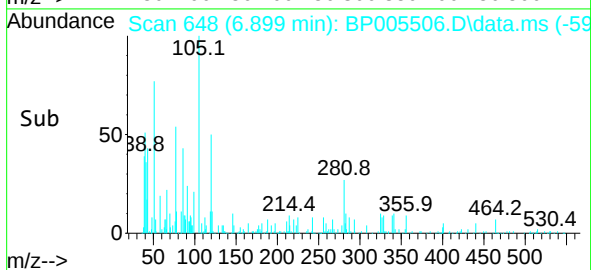
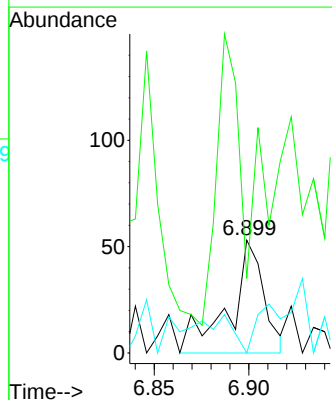
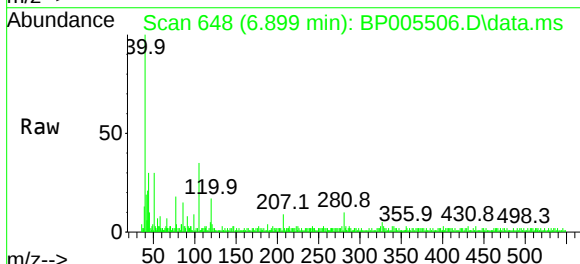
Instrument :
BNA_P
ClientSampleId :
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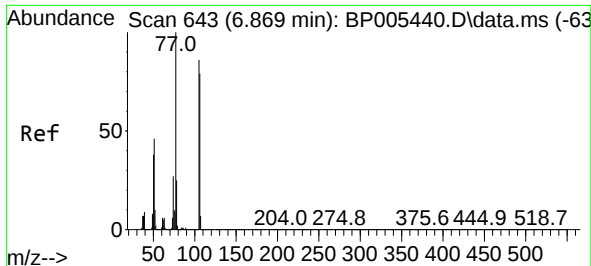
Tgt Ion:112 Resp: 12
Ion Ratio Lower Upper
112 100
64 5.6 33.6 50.4#
63 127.8 18.6 27.8#



#7
Phenol-d6
Concen: 0.08 ng
RT: 6.899 min Scan# 648
Delta R.T. 0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion: 99 Resp: 67
Ion Ratio Lower Upper
99 100
42 66.0 12.9 19.3#
71 0.0 26.7 40.1#

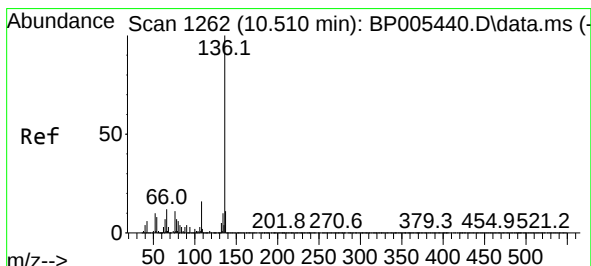
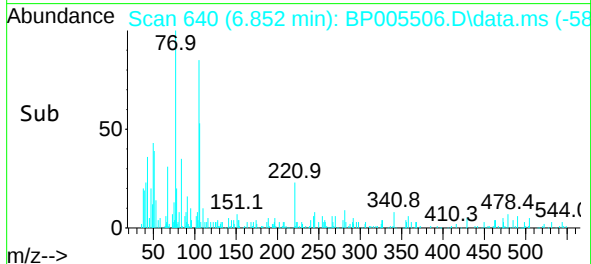
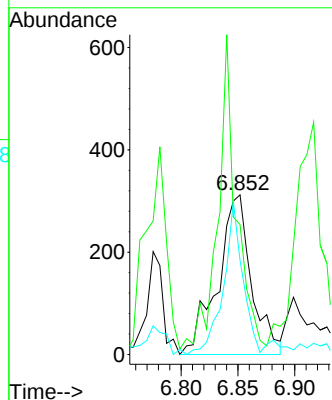
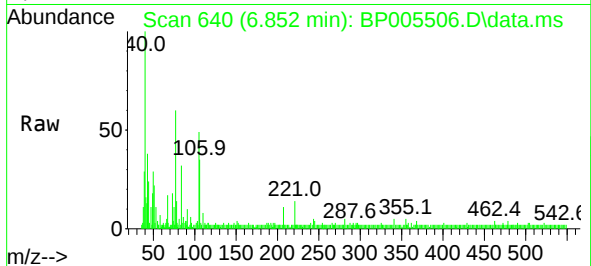




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

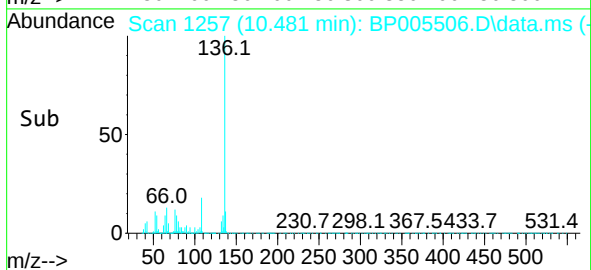
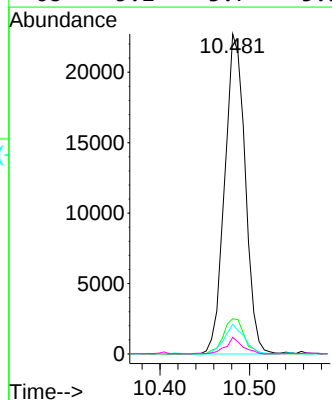
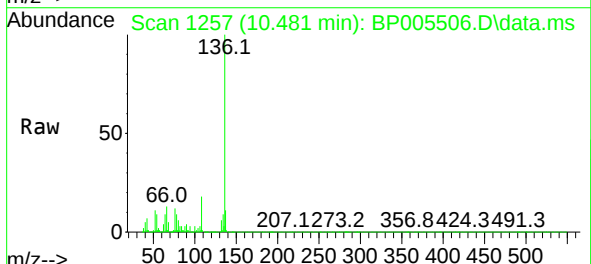
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ClientSampleId :
DRUM-B-C-ERE

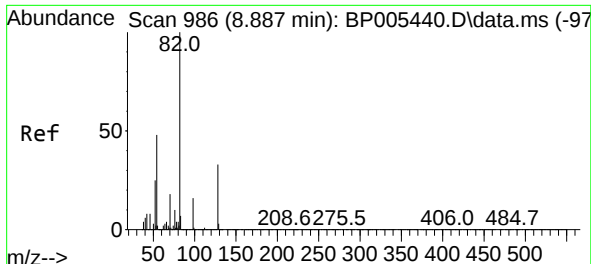
Tgt Ion: 77 Resp: 647
Ion Ratio Lower Upper
77 100
105 81.4 89.4 129.4#
106 59.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion: 136 Resp: 35984
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.2 5.0 7.4#
68 5.2 3.7 5.5

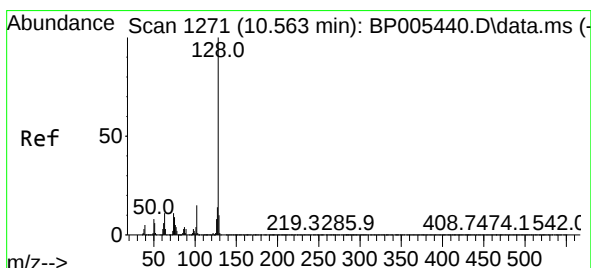
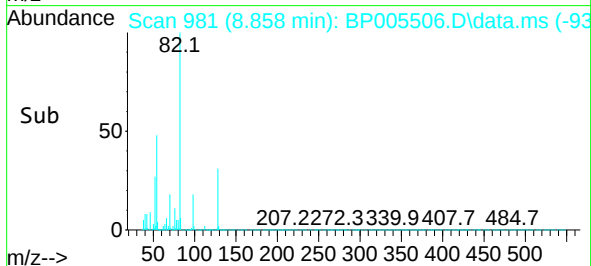
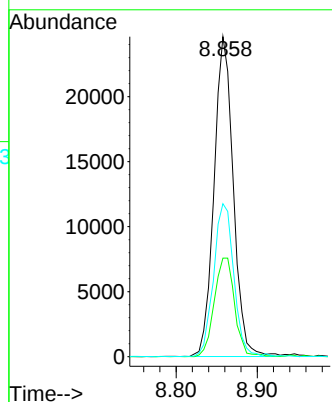
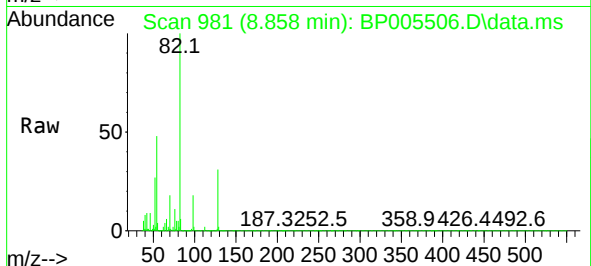




#23
Nitrobenzene-d5
Concen: 44.34 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

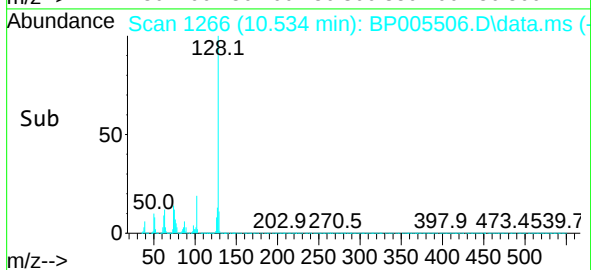
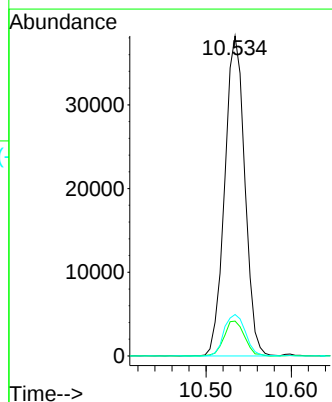
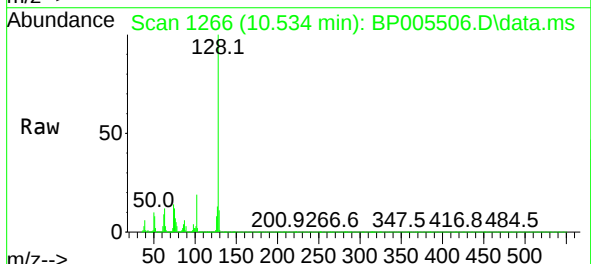
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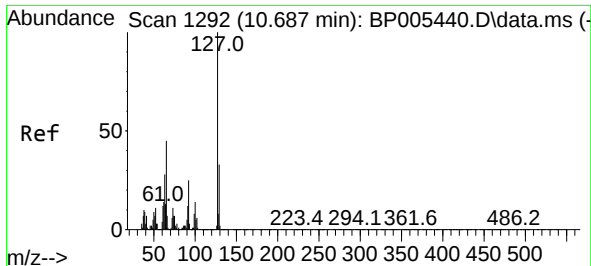
Tgt Ion: 82 Resp: 40537
Ion Ratio Lower Upper
82 100
128 30.8 30.5 45.7
54 47.8 33.9 50.9



#31
Naphthalene
Concen: 32.23 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion: 128 Resp: 62368
Ion Ratio Lower Upper
128 100
129 10.9 8.0 12.0
127 12.9 11.1 16.7

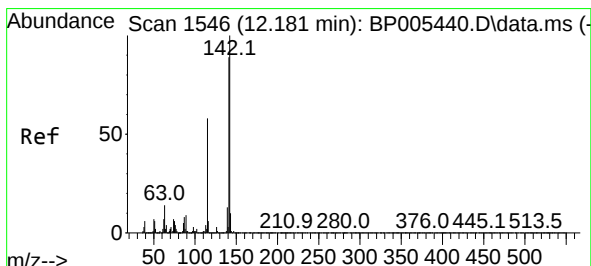
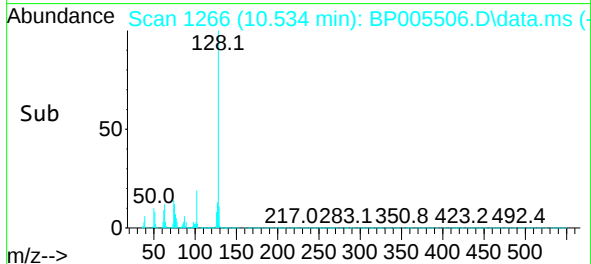
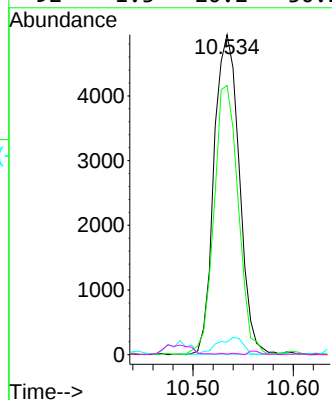
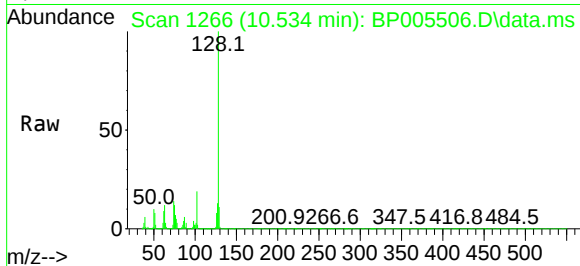




#33
4-Chloroaniline
Concen: 11.37 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.135 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

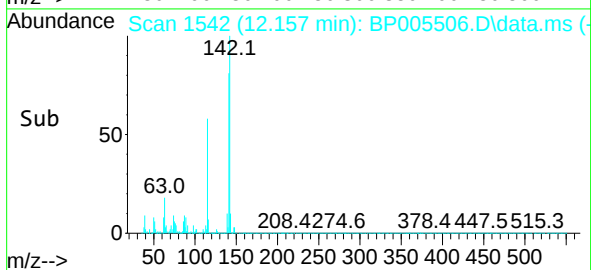
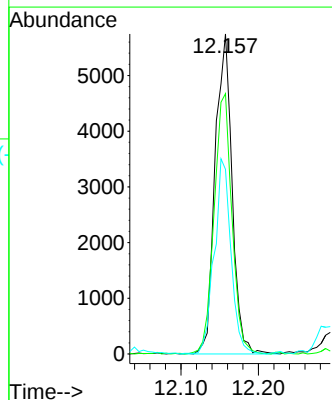
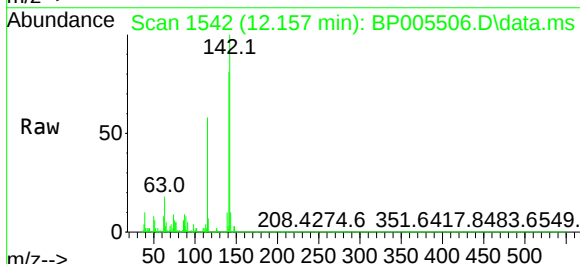
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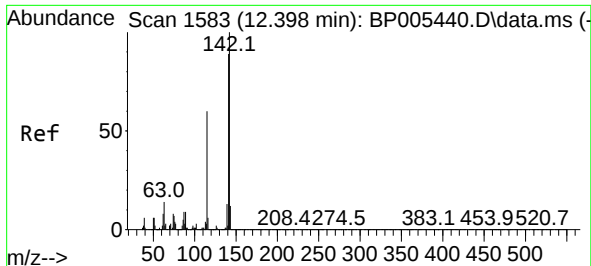
Tgt Ion:	127	Resp:	8572
Ion Ratio	Lower	Upper	
127	100		
129	84.1	25.5	38.3#
65	3.9	30.0	45.0#
92	1.3	20.2	30.2#



#37
2-Methylnaphthalene
Concen: 5.63 ng
RT: 12.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion:	142	Resp:	8743
Ion Ratio	Lower	Upper	
142	100		
141	81.4	74.7	112.1
115	57.7	43.8	65.8

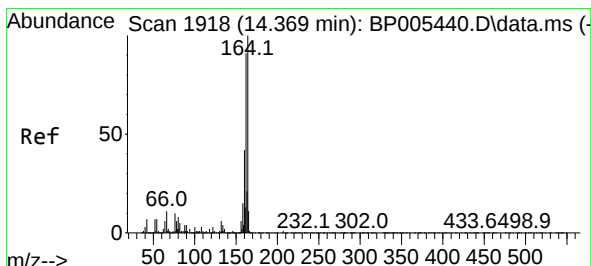
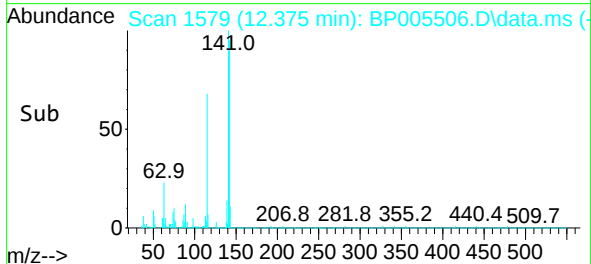
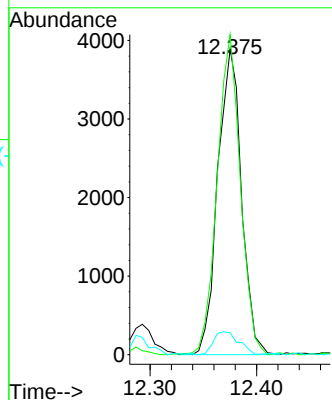
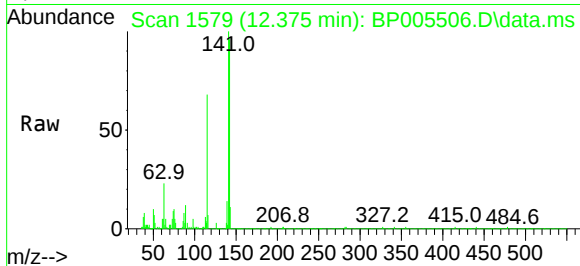




#38
1-Methylnaphthalene
Concen: 4.10 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

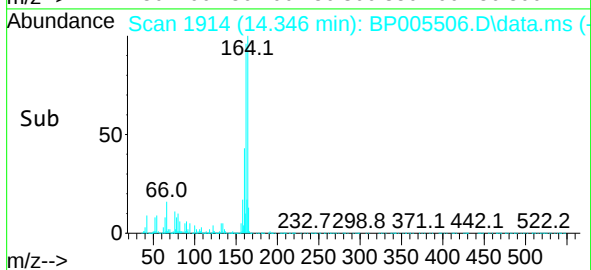
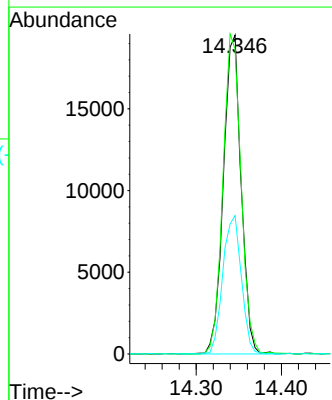
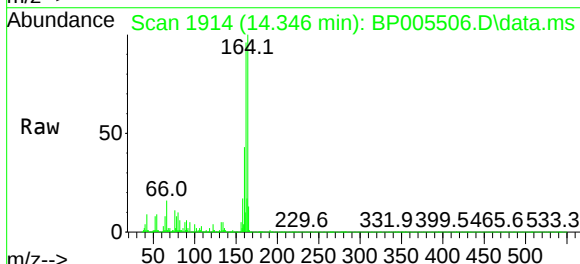
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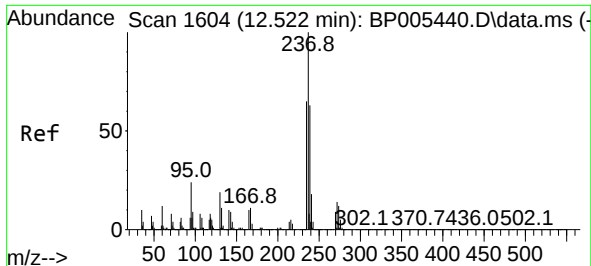
Tgt Ion:142 Resp: 6006
Ion Ratio Lower Upper
142 100
141 104.7 77.0 115.6
116 7.2 5.0 7.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.346 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion:164 Resp: 28178
Ion Ratio Lower Upper
164 100
162 95.6 73.5 110.3
160 43.4 40.6 61.0

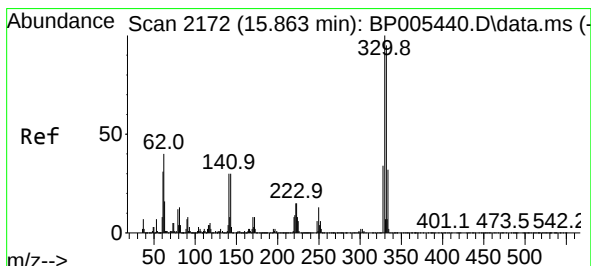
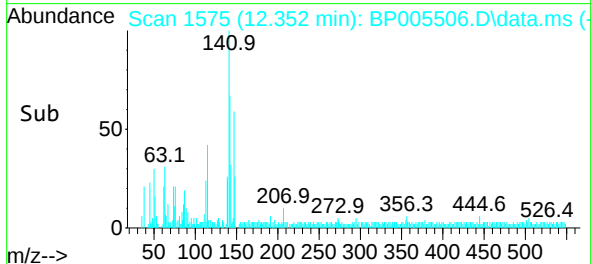
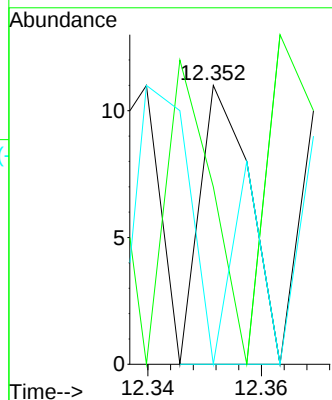
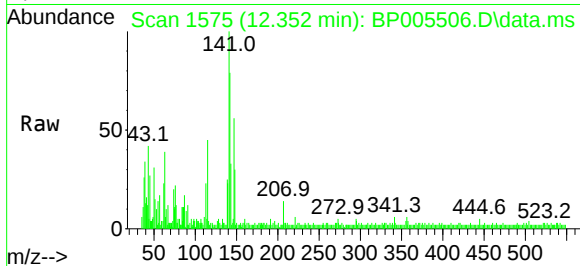




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.352 min Scan# 1575
Delta R.T. -0.147 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

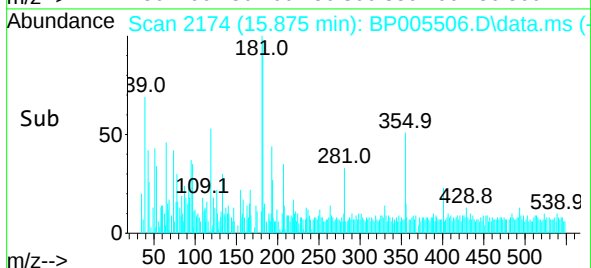
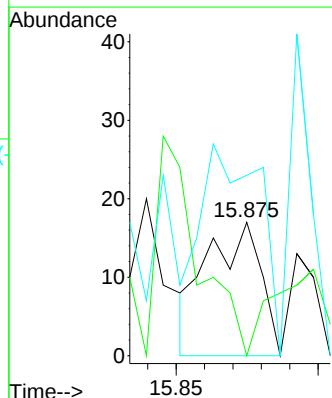
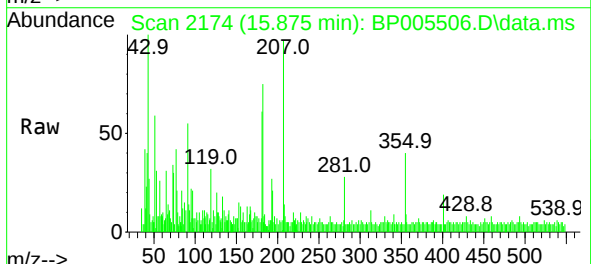
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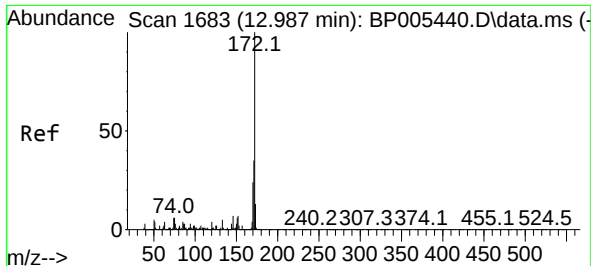
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	63.6	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 0.03 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.035 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion:	330	Resp:	22
Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.3	114.5#
141	177.3	22.8	34.2#

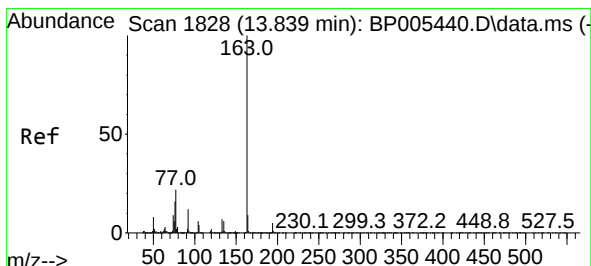
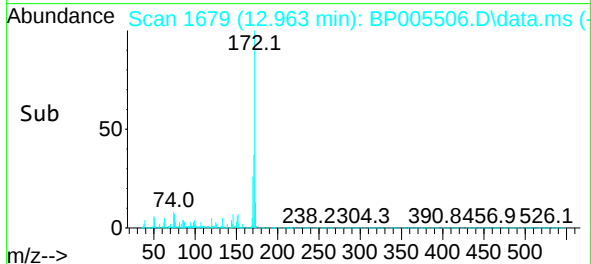
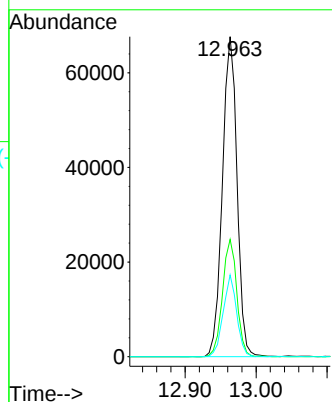
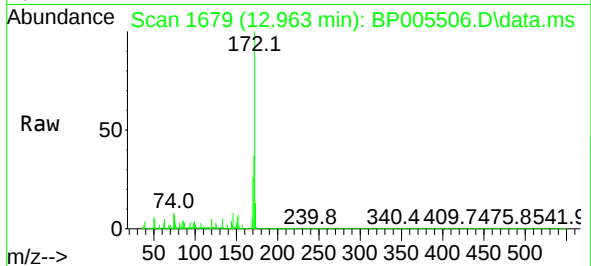




#45
2-Fluorobiphenyl
Concen: 38.55 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

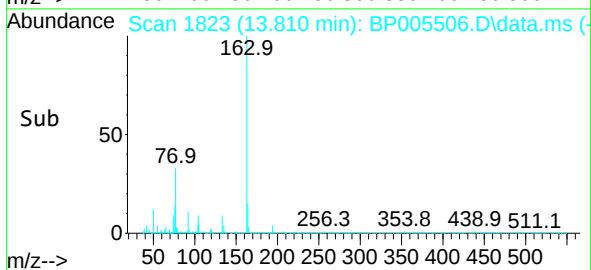
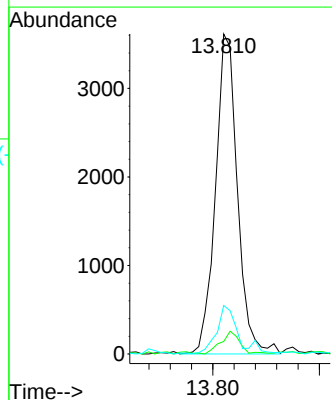
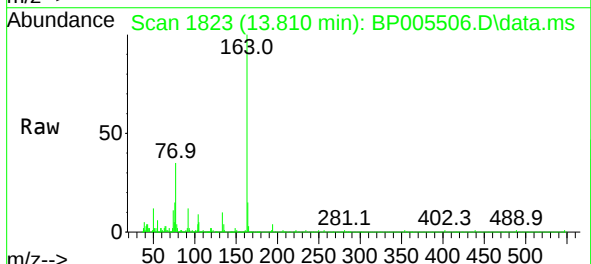
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-ERE

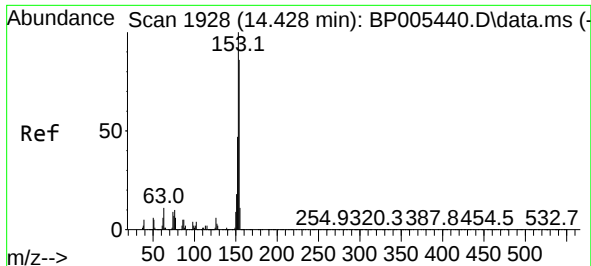
Tgt Ion:172 Resp: 96294
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 25.6 19.6 29.4



#50
Dimethylphthalate
Concen: 2.13 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion:163 Resp: 5176
Ion Ratio Lower Upper
163 100
194 3.9 3.9 5.9
164 15.2 8.1 12.1#

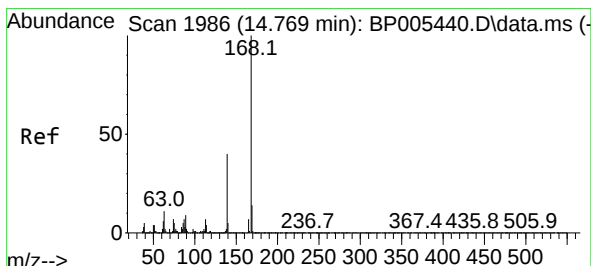
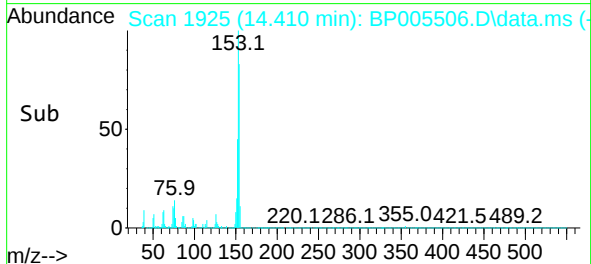
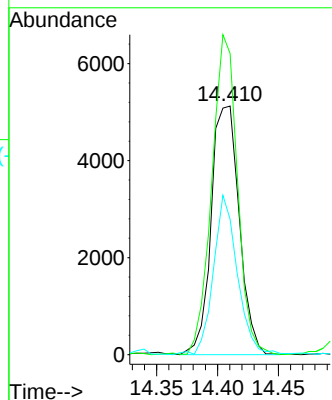
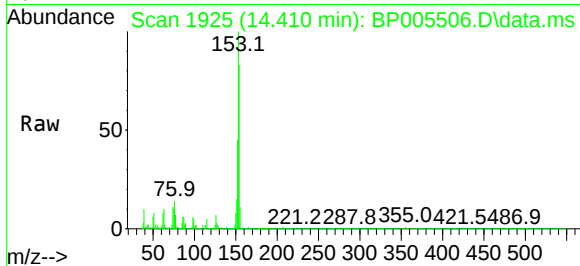




#52
Acenaphthene
Concen: 5.08 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

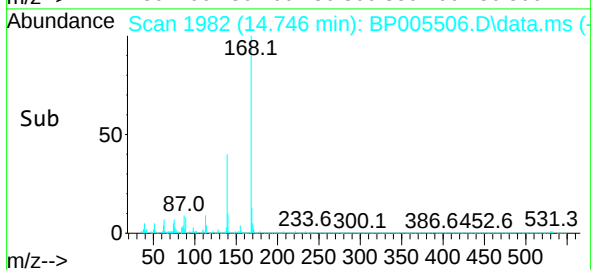
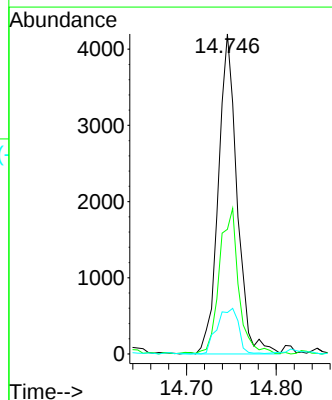
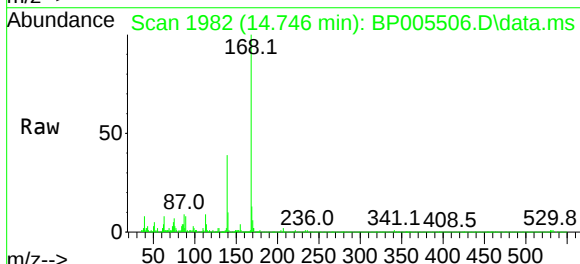
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-ERE

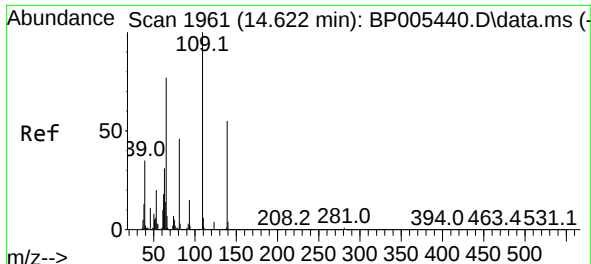
Tgt Ion:154 Resp: 8219
Ion Ratio Lower Upper
154 100
153 121.1 90.9 136.3
152 54.5 48.5 72.7



#55
Dibenzofuran
Concen: 2.00 ng
RT: 14.746 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion:168 Resp: 6103
Ion Ratio Lower Upper
168 100
139 38.9 31.4 47.0
169 13.0 11.4 17.0

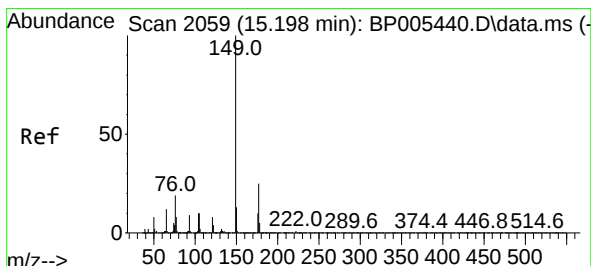
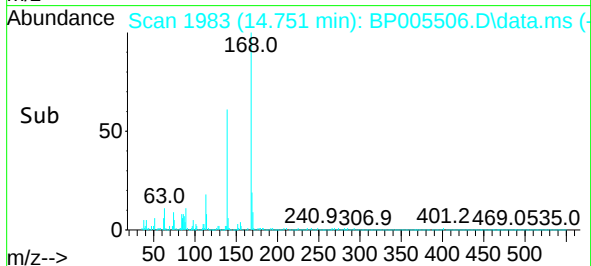
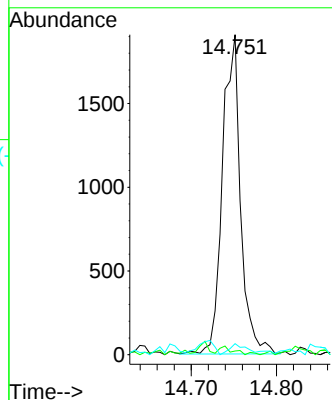
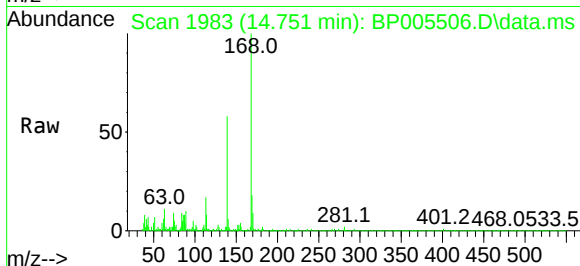




#56
4-Nitrophenol
Concen: 9.56 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.141 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

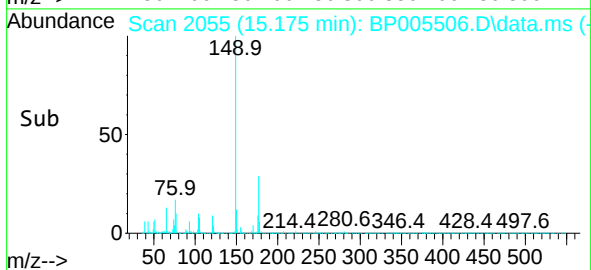
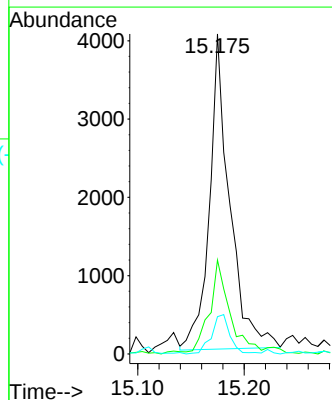
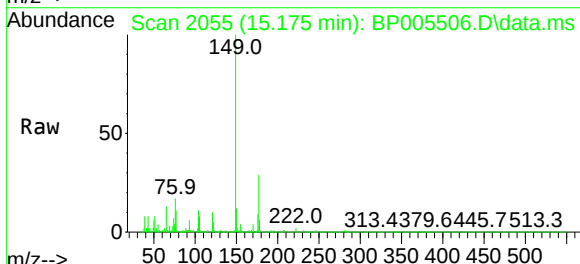
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-ERE

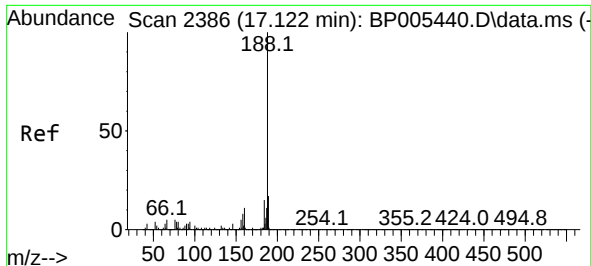
Tgt Ion:139 Resp: 2825
Ion Ratio Lower Upper
139 100
109 1.2 122.8 162.8#
65 3.5 110.0 150.0#



#60
Diethylphthalate
Concen: 2.26 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion:149 Resp: 5318
Ion Ratio Lower Upper
149 100
177 29.3 19.2 28.8#
150 11.6 9.9 14.9

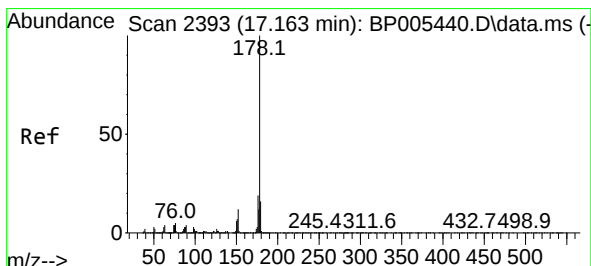
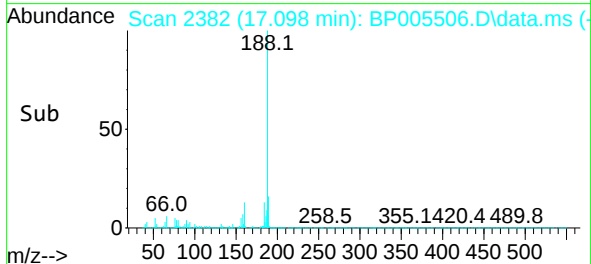
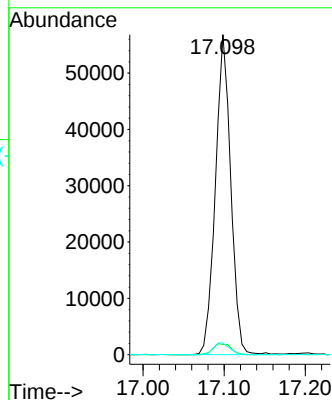
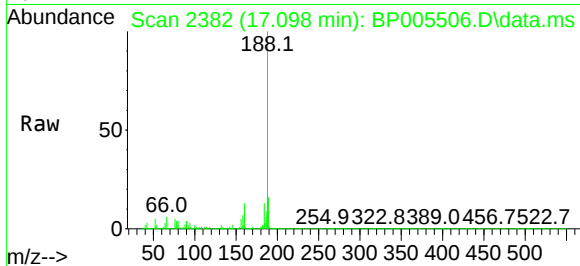




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

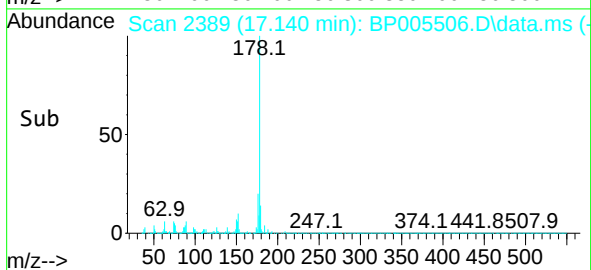
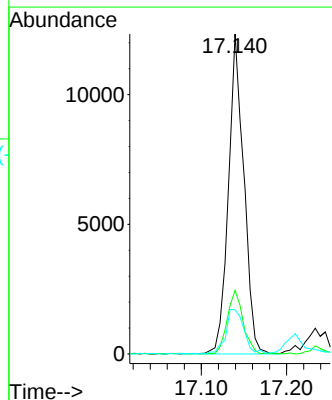
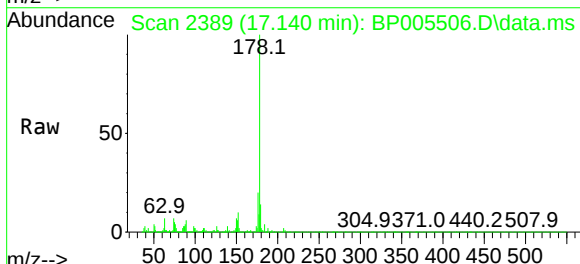
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-ERE

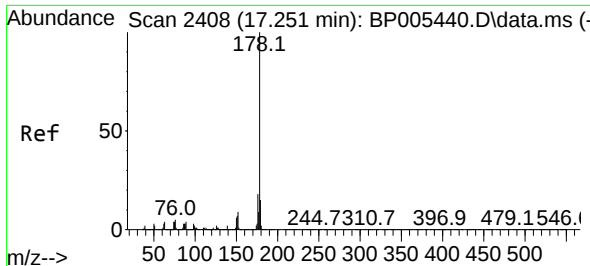
Tgt Ion:188 Resp: 74623
Ion Ratio Lower Upper
188 100
94 3.7 5.0 7.6#
80 3.7 5.9 8.9#



#71
Phenanthrene
Concen: 3.67 ng
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion:178 Resp: 15568
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 13.8 12.3 18.5

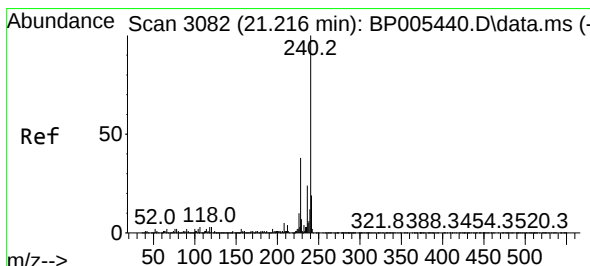
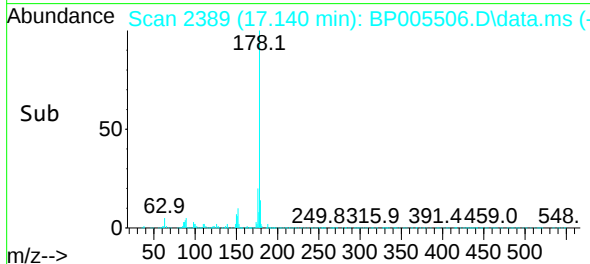
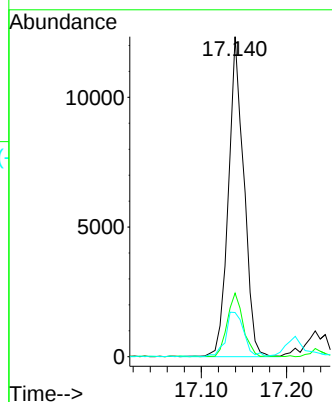
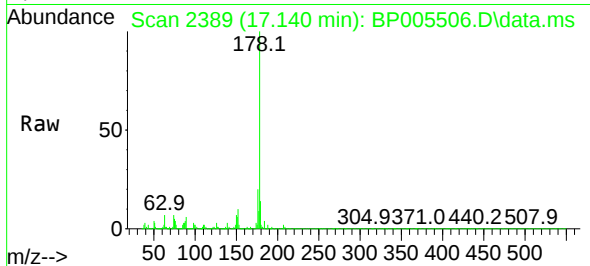




#72
 Anthracene
 Concen: 3.70 ng
 RT: 17.140 min Scan# 2389
 Delta R.T. -0.088 min
 Lab File: BP005506.D
 Acq: 12 May 2021 16:18

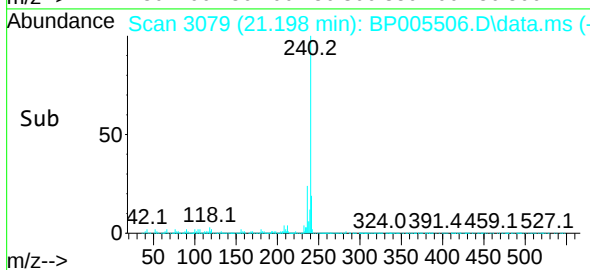
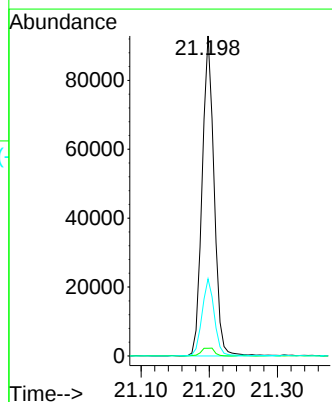
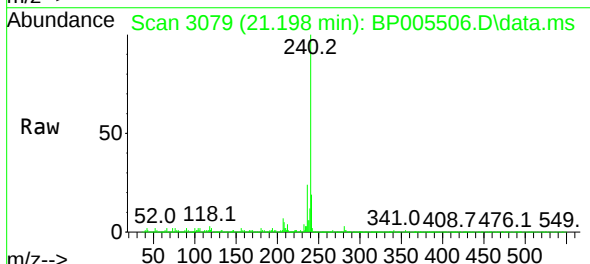
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-B-C-ERE

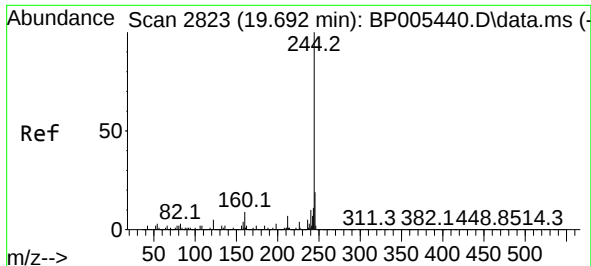
Tgt Ion:178 Resp: 15568
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.2 22.8
 179 13.8 12.6 19.0



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.198 min Scan# 3079
 Delta R.T. 0.006 min
 Lab File: BP005506.D
 Acq: 12 May 2021 16:18

Tgt Ion:240 Resp: 113592
 Ion Ratio Lower Upper
 240 100
 120 2.4 4.2 6.2#
 236 24.1 20.2 30.2

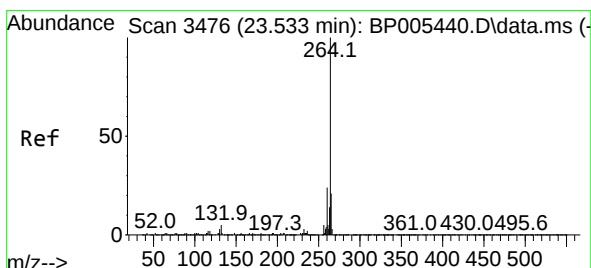
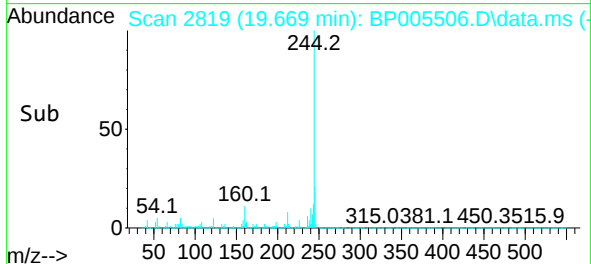
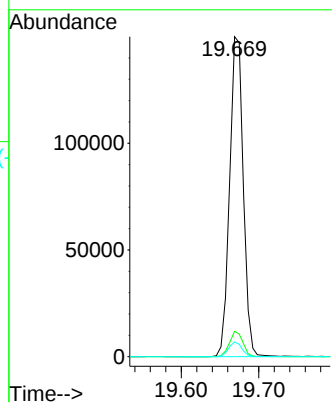
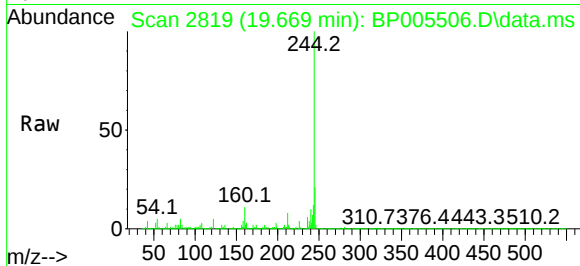




#79
Terphenyl-d14
Concen: 27.52 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-ERE

Tgt Ion:244 Resp: 184044
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 4.6 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. 0.006 min
Lab File: BP005506.D
Acq: 12 May 2021 16:18

Tgt Ion:264 Resp: 140049
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 19.9 19.0 28.6

