

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005518.D
 Acq On : 12 May 2021 23:04
 Operator : CG/JU
 Sample : M2365-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1

Quant Time: May 13 03:28:55 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)

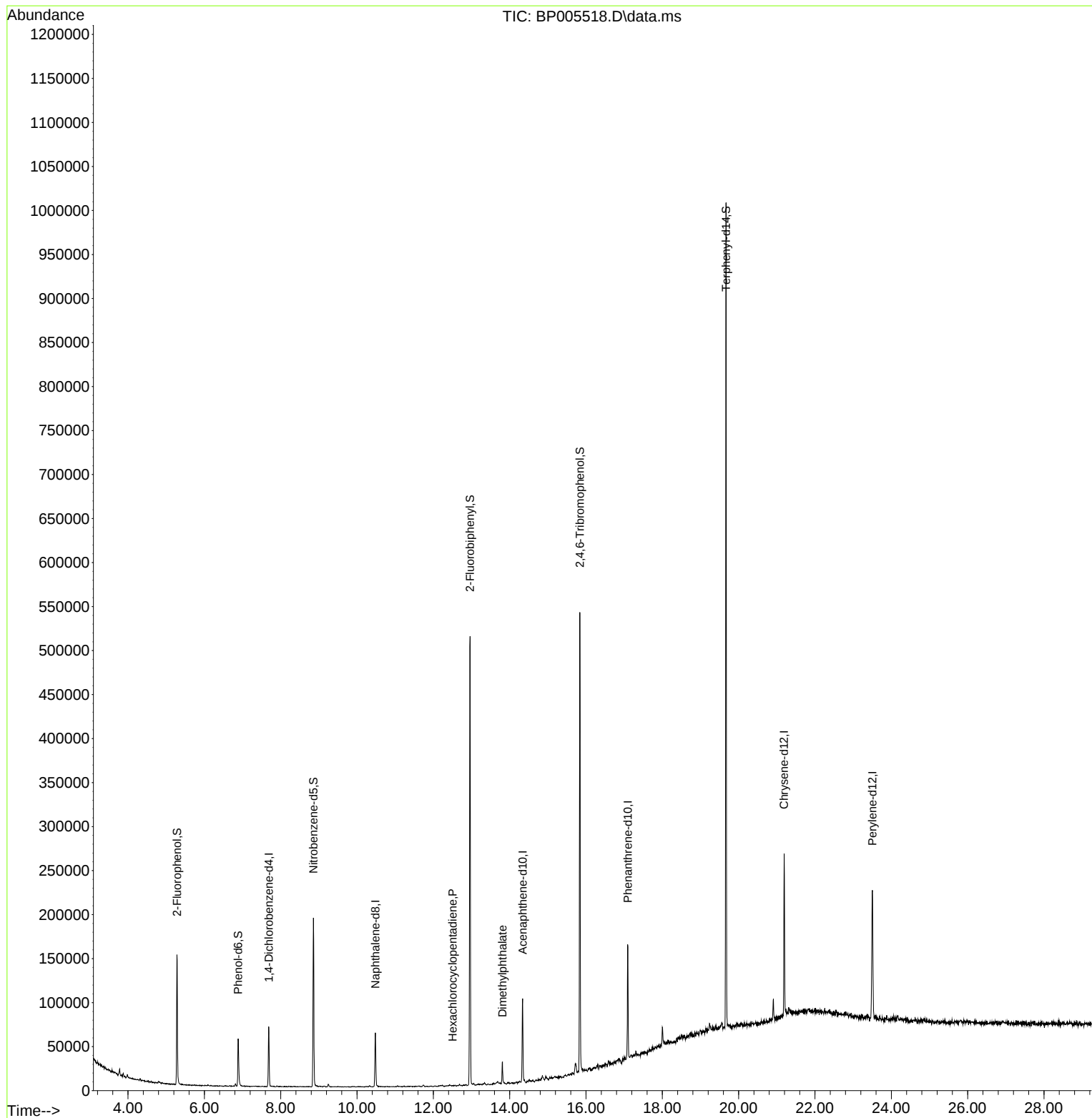
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	13277	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	34119	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	27580	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	69315	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	90470	20.00	ng	# 0.00
86) Perylene-d12	23.503	264	115073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	47454	68.59	ng	0.00
7) Phenol-d6	6.887	99	22520	26.10	ng	0.00
23) Nitrobenzene-d5	8.857	82	93557	107.93	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	86792	110.90	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	208756	85.38	ng	0.00
79) Terphenyl-d14	19.668	244	362669	68.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	52	Below Cal	#	1
9) Benzaldehyde	6.828	77	80	Below Cal	#	13
41) Hexachlorocyclopentadiene	12.504	237	27	7.92 ng	#	60
50) Dimethylphthalate	13.810	163	12916	5.43 ng	#	98

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

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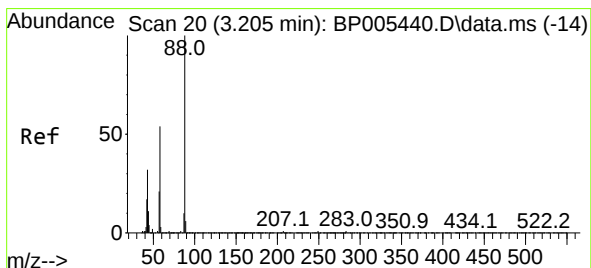
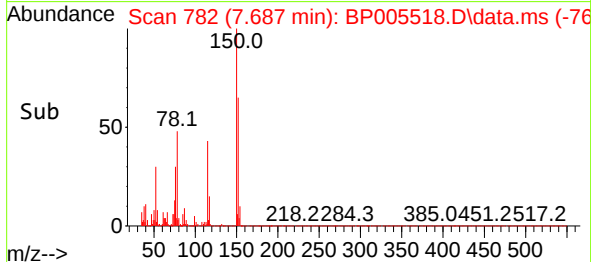
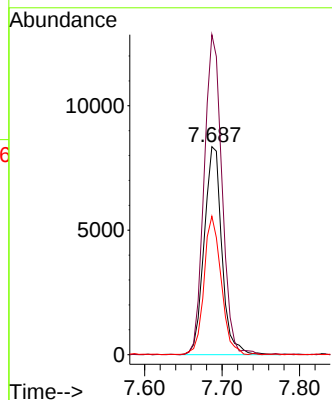
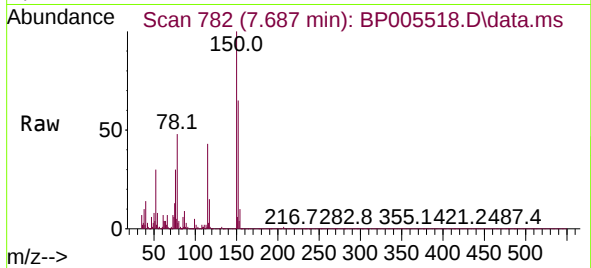




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

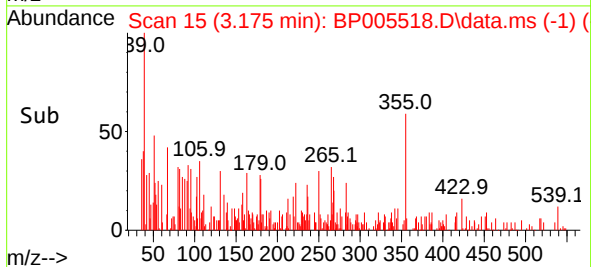
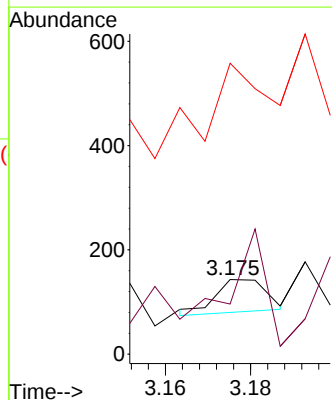
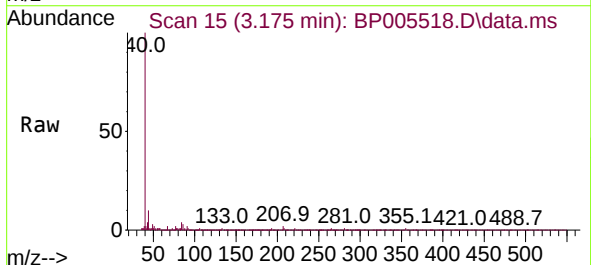
Instrument :
BNA_P
ClientSampleId :
MW-1

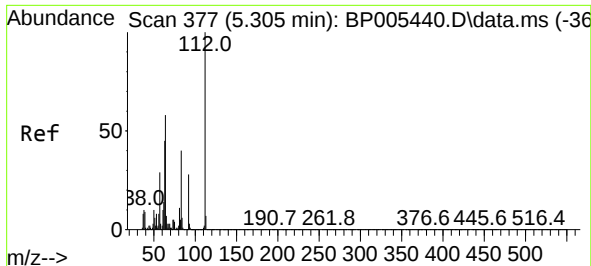
Tgt Ion:152 Resp: 13277
Ion Ratio Lower Upper
152 100
150 153.9 119.8 179.8
115 66.6 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.175 min Scan# 15
Delta R.T. -0.006 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
58 276.9 42.5 63.7#
43 373.1 19.8 29.8#

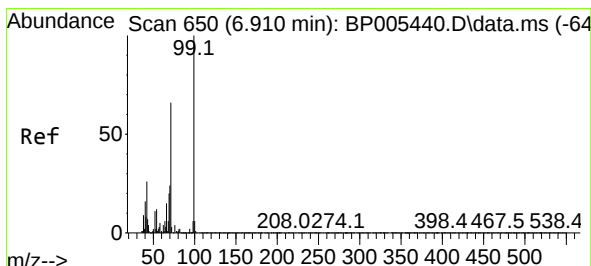
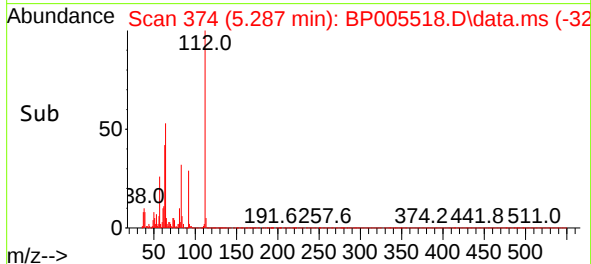
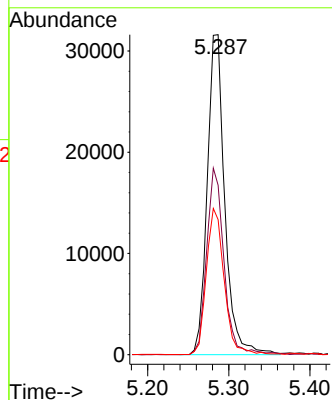
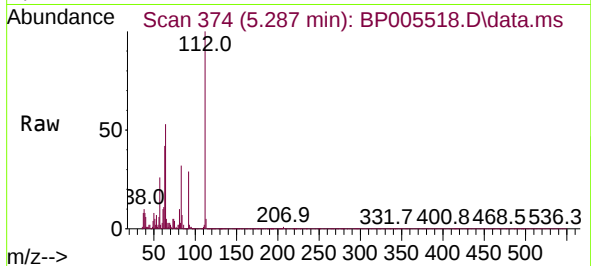




#5
2-Fluorophenol
Concen: 68.59 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

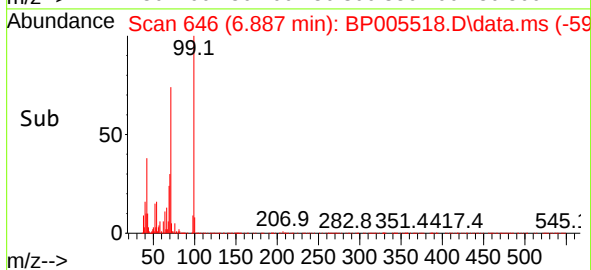
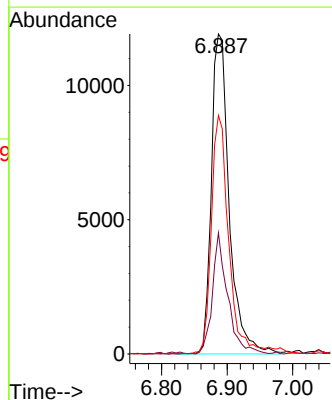
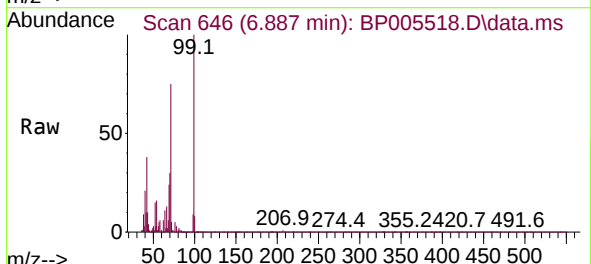
Instrument :
BNA_P
ClientSampleId :
MW-1

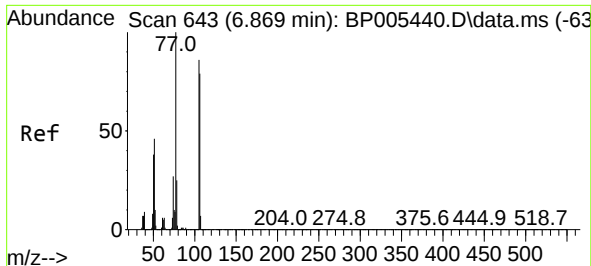
Tgt Ion:112 Resp: 47454
Ion Ratio Lower Upper
112 100
64 53.0 33.6 50.4#
63 42.2 18.6 27.8#



#7
Phenol-d6
Concen: 26.10 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Tgt Ion: 99 Resp: 22520
Ion Ratio Lower Upper
99 100
42 37.9 12.9 19.3#
71 74.6 26.7 40.1#

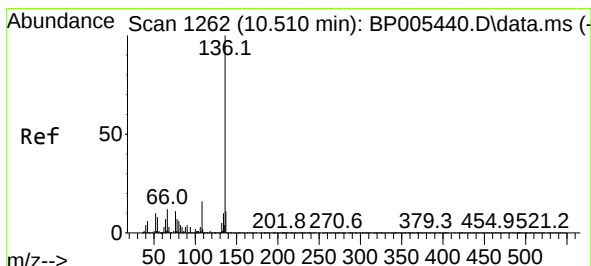
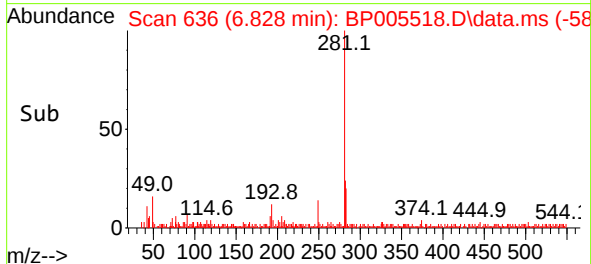
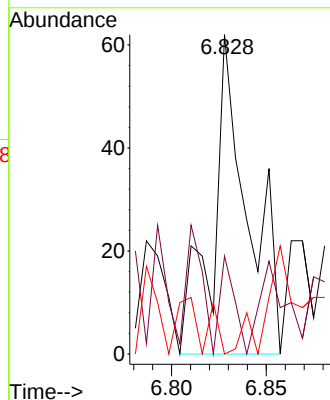
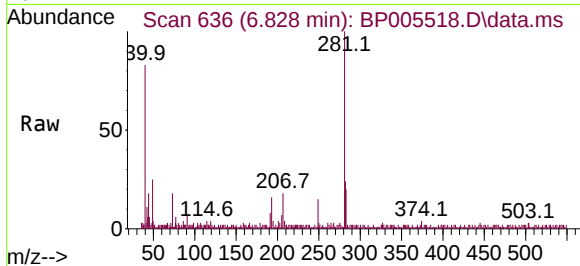




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 636
Delta R.T. -0.018 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

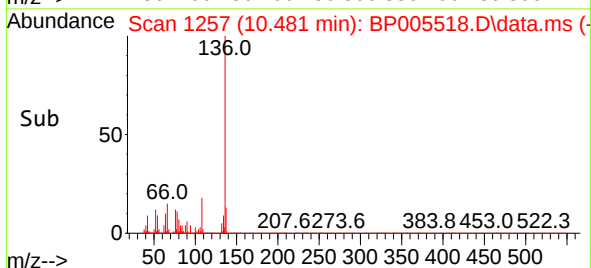
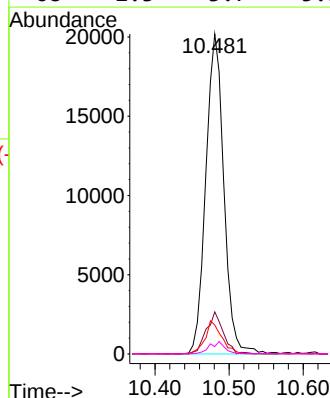
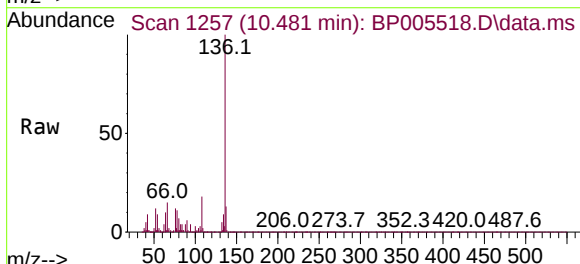
Instrument :
BNA_P
ClientSampled :
MW-1

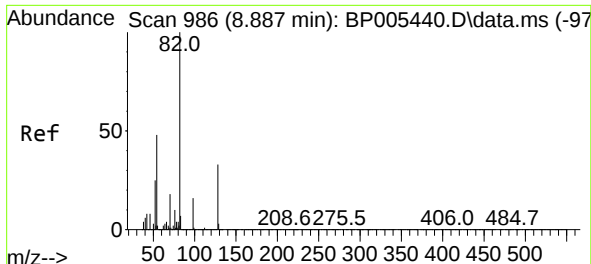
Tgt Ion: 77 Resp: 80
Ion Ratio Lower Upper
77 100
105 30.6 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Tgt Ion: 136 Resp: 34119
Ion Ratio Lower Upper
136 100
137 13.2 8.9 13.3
54 9.0 5.0 7.4#
68 2.3 3.7 5.5#

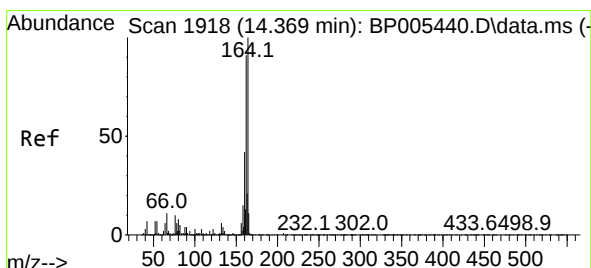
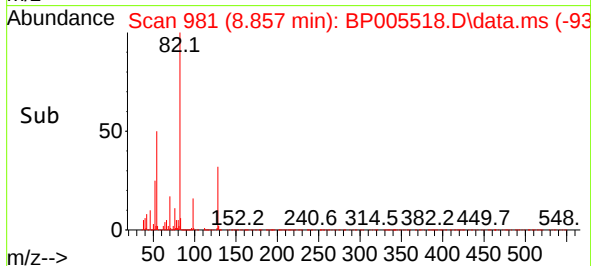
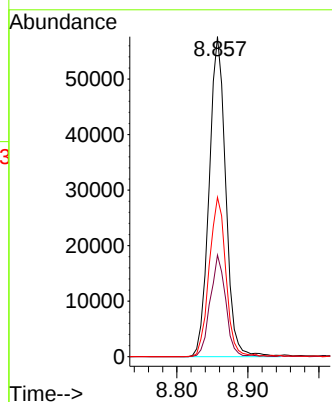
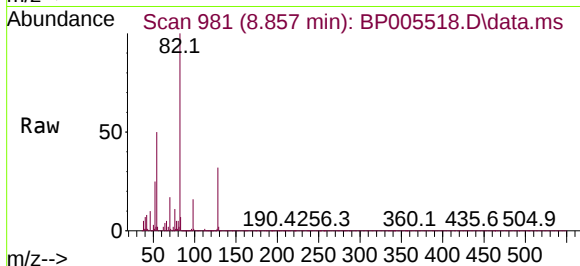




#23
Nitrobenzene-d5
Concen: 107.93 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

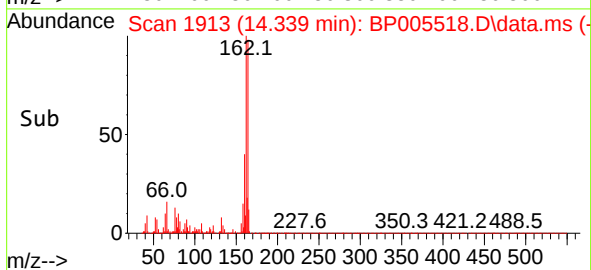
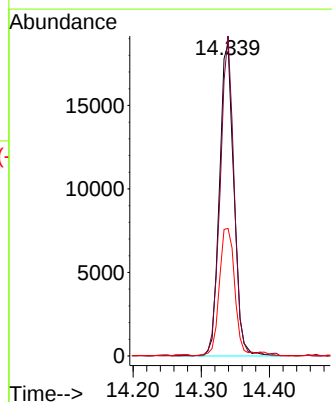
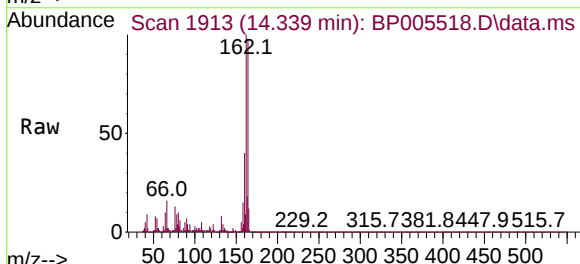
Instrument :
BNA_P
ClientSampleId :
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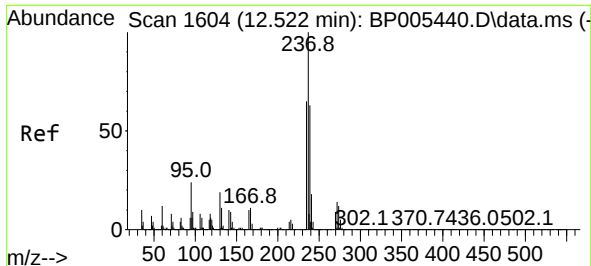
Tgt Ion: 82 Resp: 93557
Ion Ratio Lower Upper
82 100
128 31.8 30.5 45.7
54 49.8 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Tgt Ion: 164 Resp: 27580
Ion Ratio Lower Upper
164 100
162 102.4 73.5 110.3
160 40.8 40.6 61.0

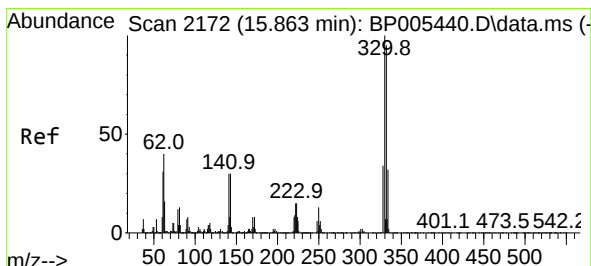
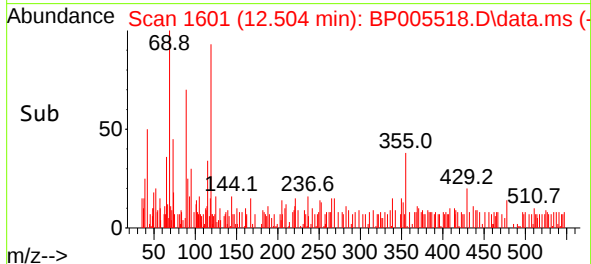
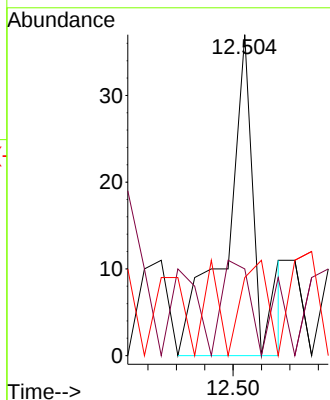
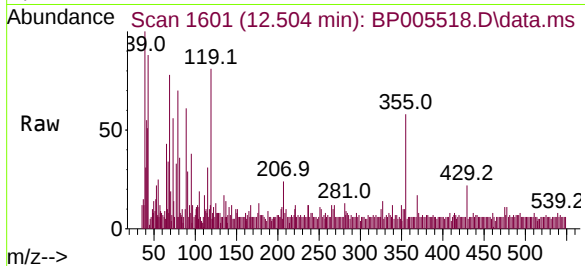




#41
Hexachlorocyclopentadiene
Concen: 7.92 ng
RT: 12.504 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

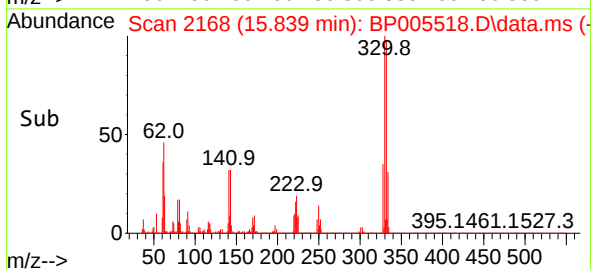
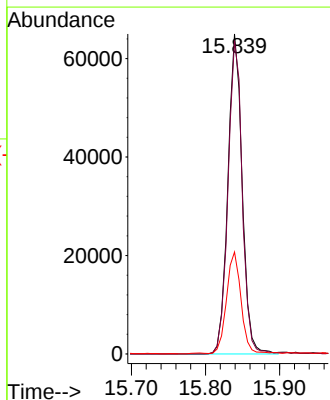
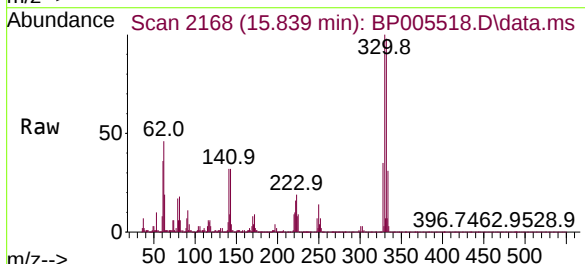
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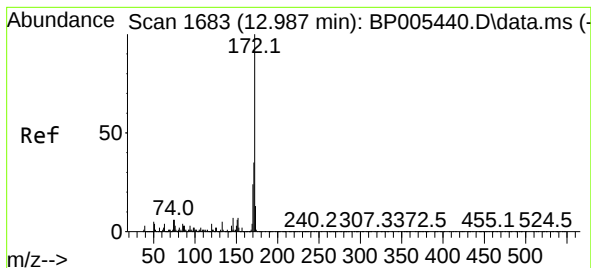
Tgt Ion:	237	Resp:	27
Ion Ratio	Lower	Upper	
237	100		
235	27.0	40.9	80.9#
272	24.3	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 110.90 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Tgt Ion:	330	Resp:	86792
Ion Ratio	Lower	Upper	
330	100		
332	98.0	76.3	114.5
141	32.0	22.8	34.2

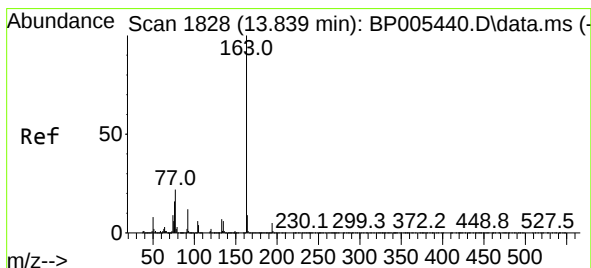
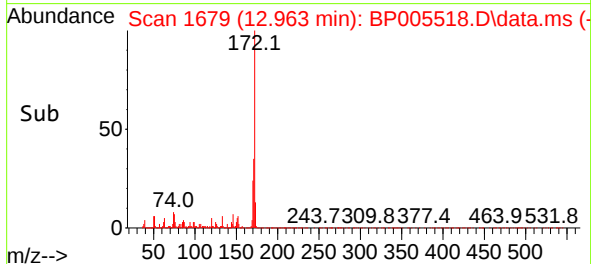
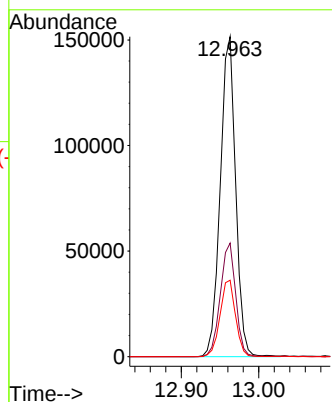
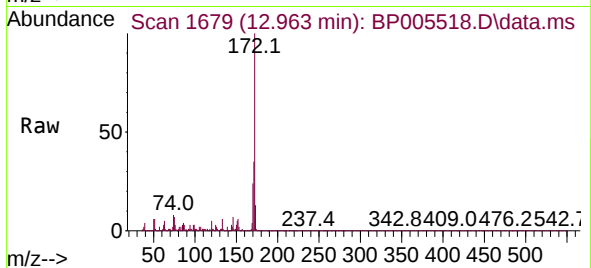




#45
2-Fluorobiphenyl
Concen: 85.38 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

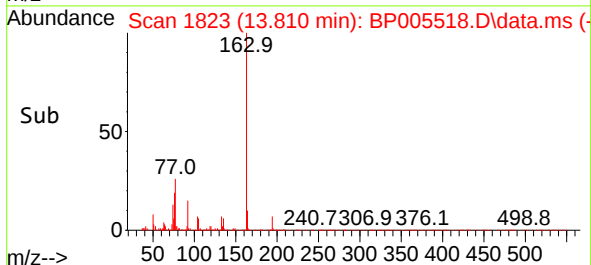
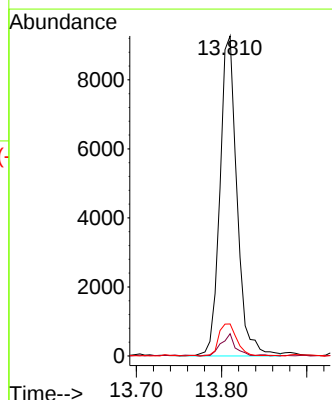
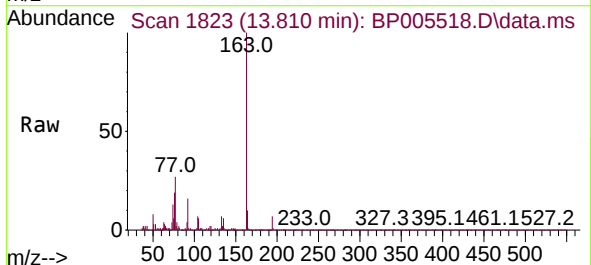
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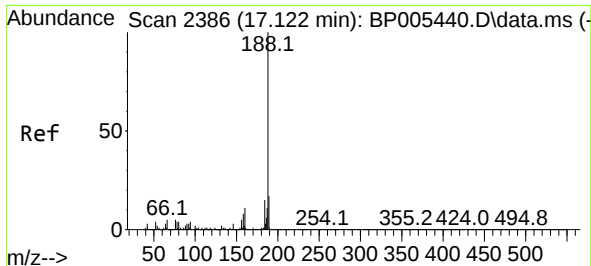
Tgt Ion:172 Resp: 208756
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.9 19.6 29.4



#50
Dimethylphthalate
Concen: 5.43 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Tgt Ion:163 Resp: 12916
Ion Ratio Lower Upper
163 100
194 6.9 3.9 5.9#
164 10.0 8.1 12.1

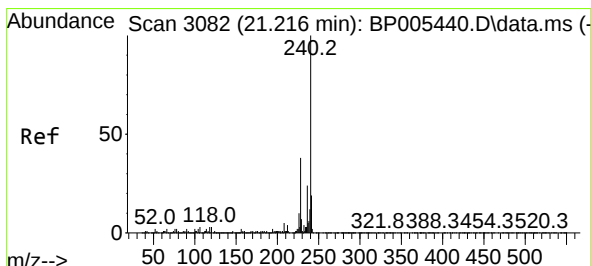
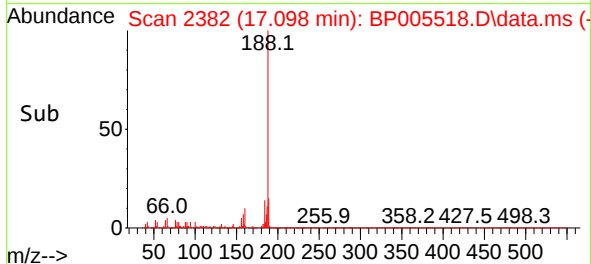
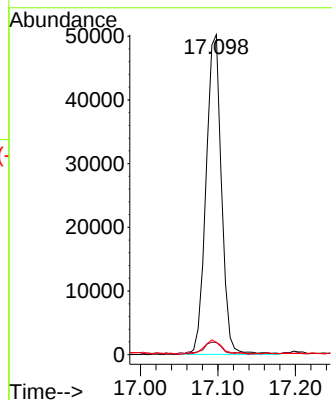
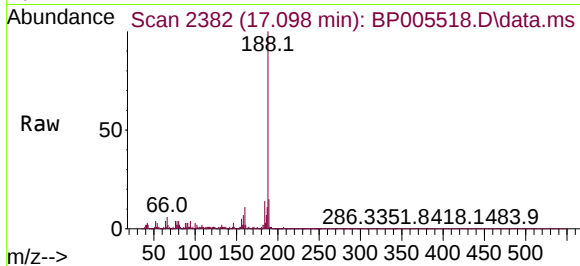




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

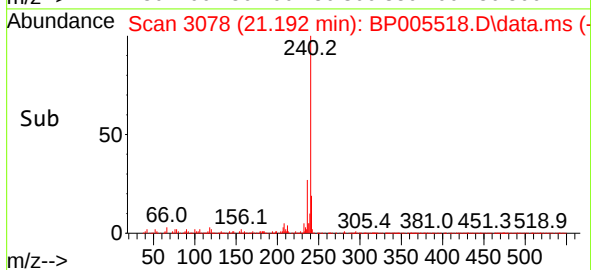
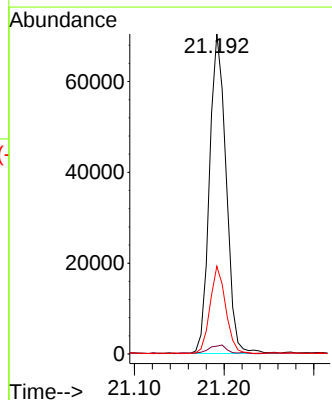
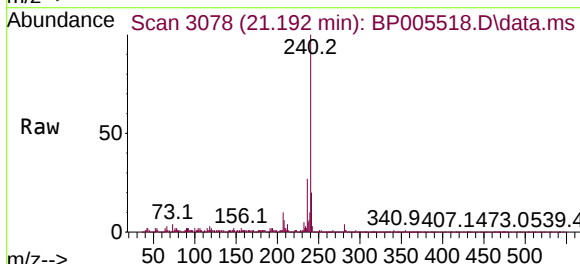
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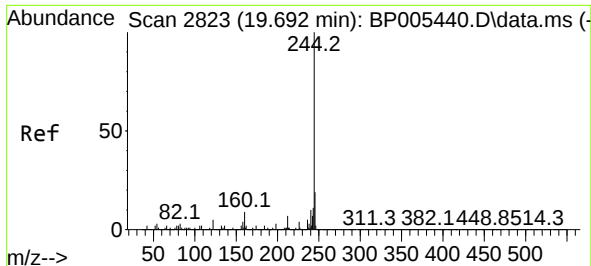
Tgt Ion:188 Resp: 69315
Ion Ratio Lower Upper
188 100
94 3.8 5.0 7.6#
80 3.9 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Tgt Ion:240 Resp: 90470
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 27.4 20.2 30.2

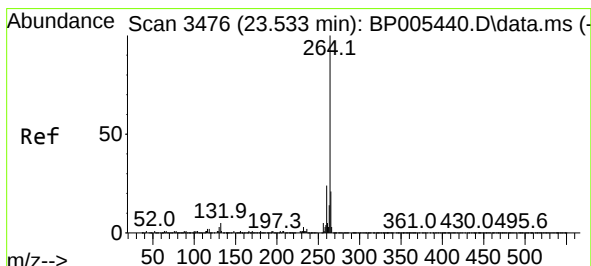
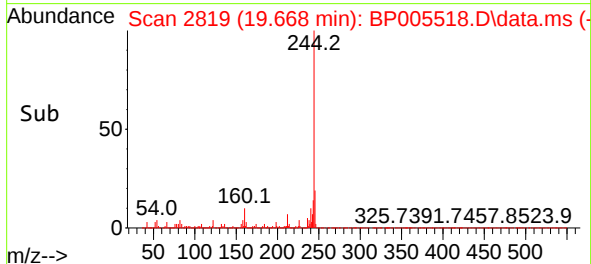
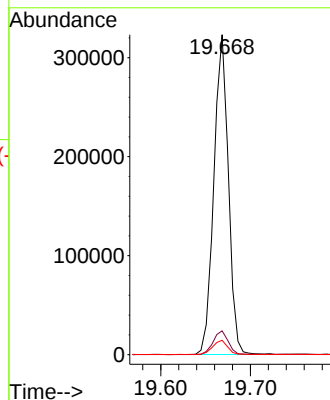
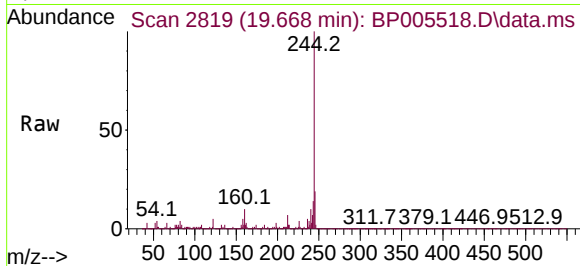




#79
Terphenyl-d14
Concen: 68.08 ng
RT: 19.668 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Instrument :
BNA_P
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 362669
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.5 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.503 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005518.D
Acq: 12 May 2021 23:04

Tgt Ion:264 Resp: 115073
Ion Ratio Lower Upper
264 100
260 24.3 20.6 30.8
265 21.5 19.0 28.6

