

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
 Data File : BP005483.D
 Acq On : 11 May 2021 11:10
 Operator : CG/JU
 Sample : PB136239BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136239BL

Quant Time: May 11 12:24:21 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)

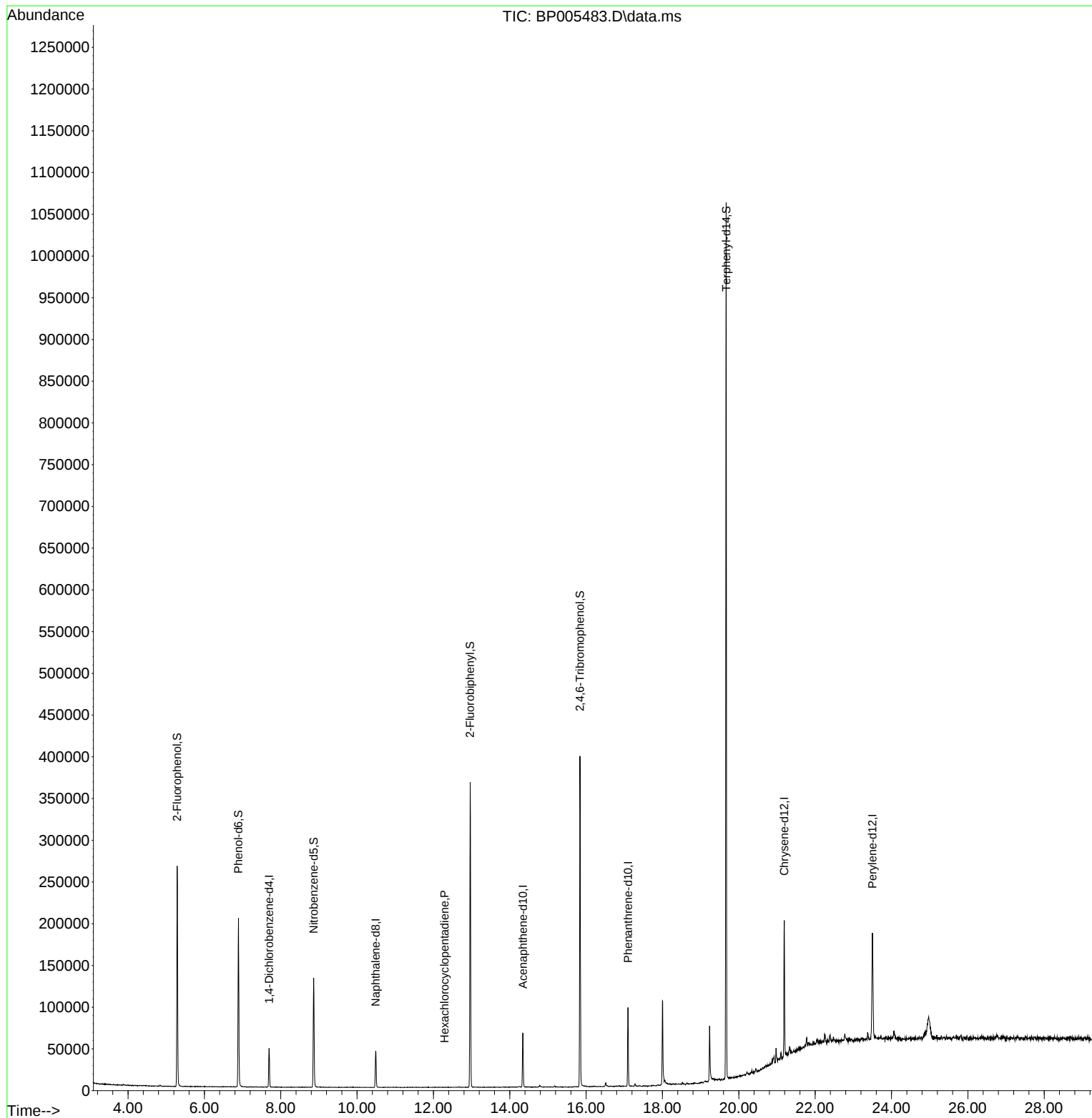
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	8926	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	25201	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	18760	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	49077	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	78946	20.00	ng	# 0.00
86) Perylene-d12	23.498	264	97639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	75170	161.62	ng	0.00
7) Phenol-d6	6.893	99	74012	127.61	ng	0.00
23) Nitrobenzene-d5	8.863	82	62262	97.24	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	69232	130.05	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	144831	87.09	ng	0.00
79) Terphenyl-d14	19.669	244	413254	88.90	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.187	88	11	Below Cal	#	1
9) Benzaldehyde	6.816	77	16	Below Cal	#	63
41) Hexachlorocyclopentadiene	12.293	237	8	7.89	ng	76

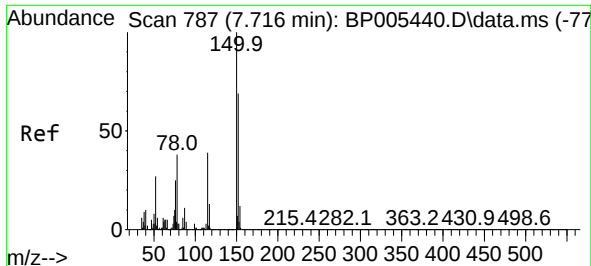
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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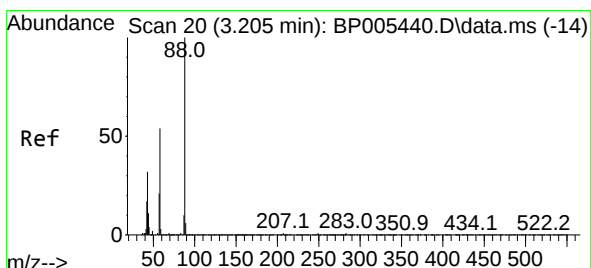
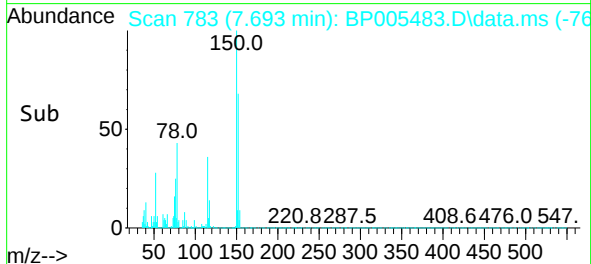
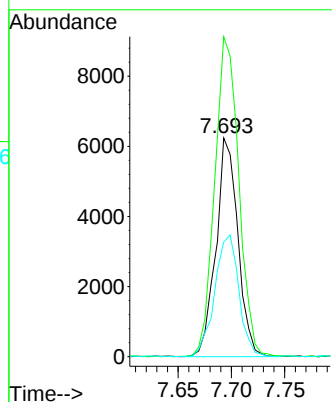
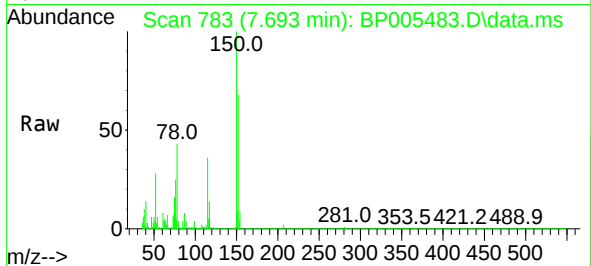




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

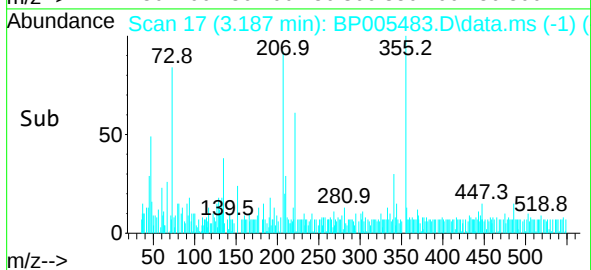
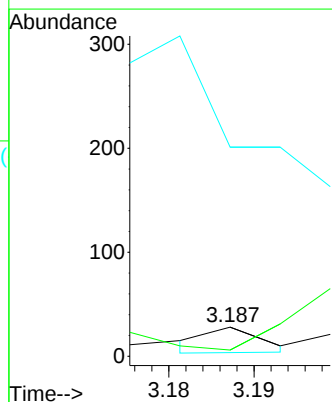
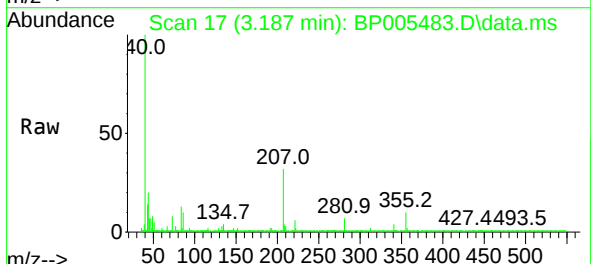
Instrument :
BNA_P
ClientSampleId :
PB136239BL

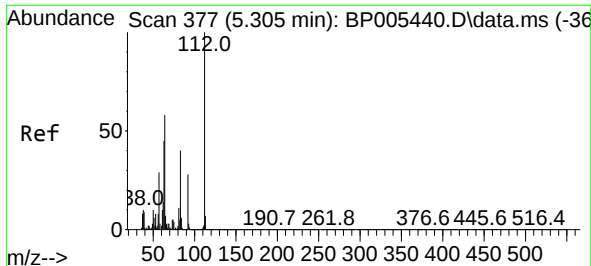
Tgt Ion:152 Resp: 8926
Ion Ratio Lower Upper
152 100
150 146.3 119.8 179.8
115 52.4 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.187 min Scan# 17
Delta R.T. 0.006 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

Tgt Ion: 88 Resp: 11
Ion Ratio Lower Upper
88 100
58 90.9 42.5 63.7#
43 1454.5 19.8 29.8#

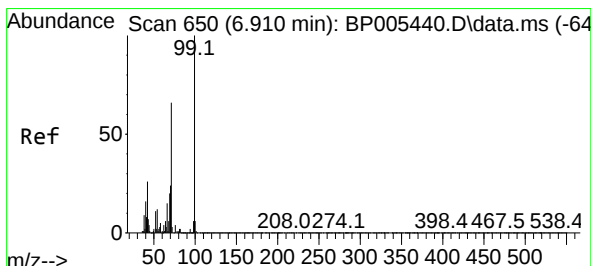
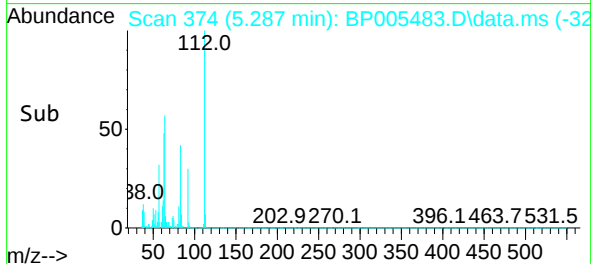
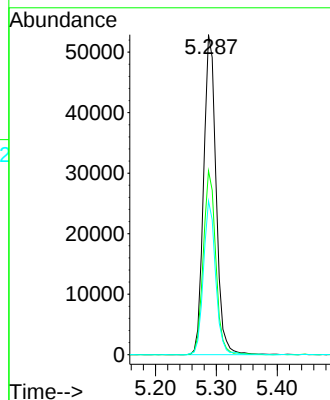
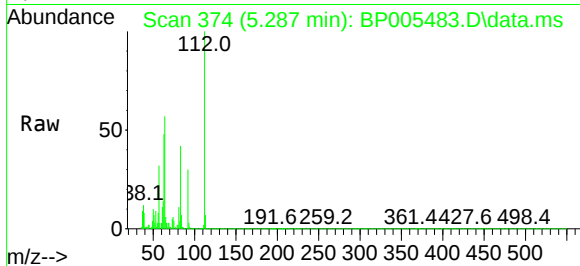




#5
2-Fluorophenol
Concen: 161.62 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

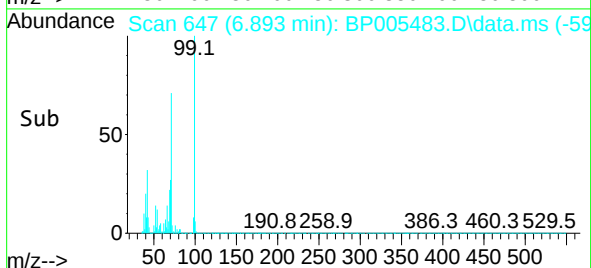
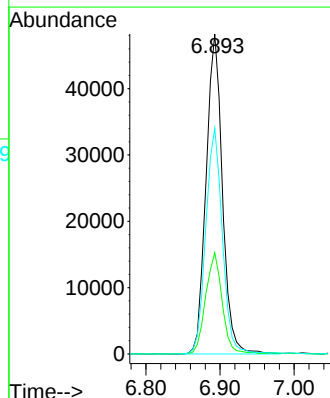
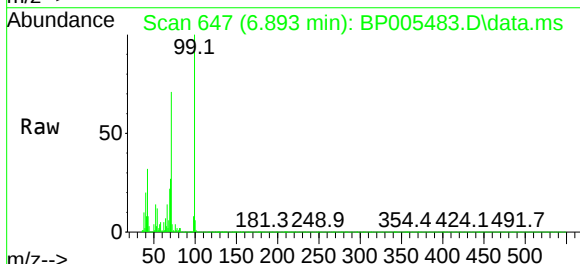
Instrument :
BNA_P
ClientSampleId :
PB136239BL

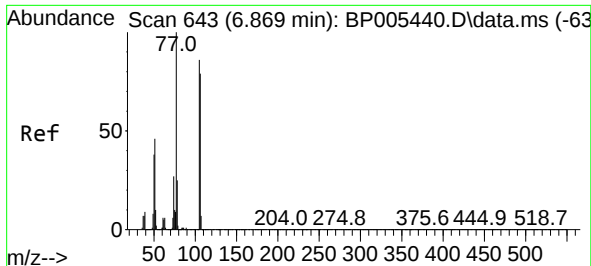
Tgt Ion:112 Resp: 75170
Ion Ratio Lower Upper
112 100
64 57.4 33.6 50.4#
63 48.1 18.6 27.8#



#7
Phenol-d6
Concen: 127.61 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

Tgt Ion: 99 Resp: 74012
Ion Ratio Lower Upper
99 100
42 31.6 12.9 19.3#
71 70.6 26.7 40.1#

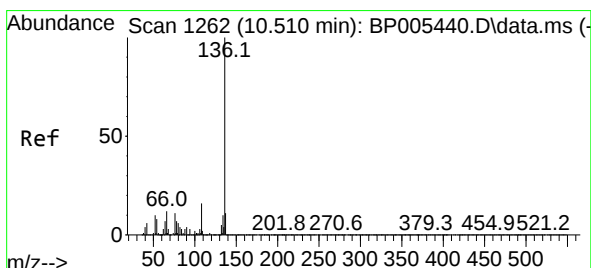
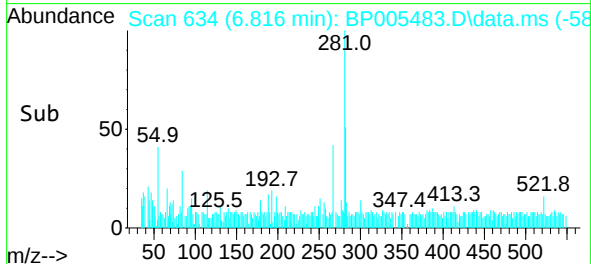
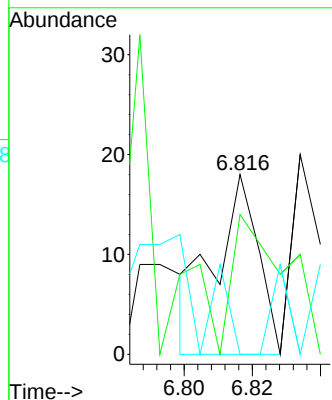
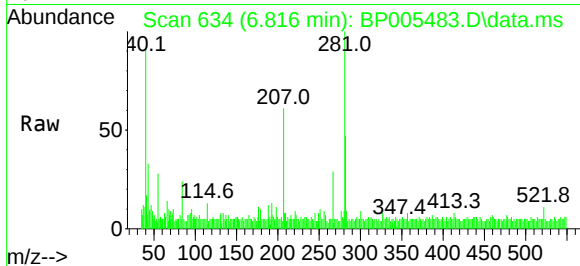




#9
Benzaldehyde
Concen: Below Cal
RT: 6.816 min Scan# 634
Delta R.T. -0.030 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

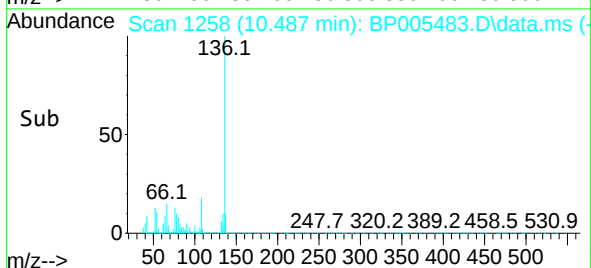
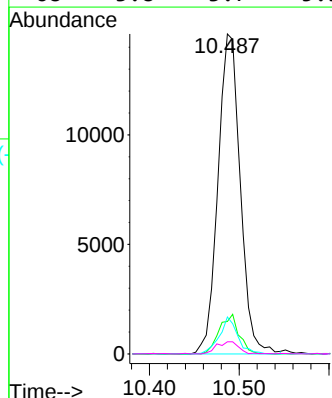
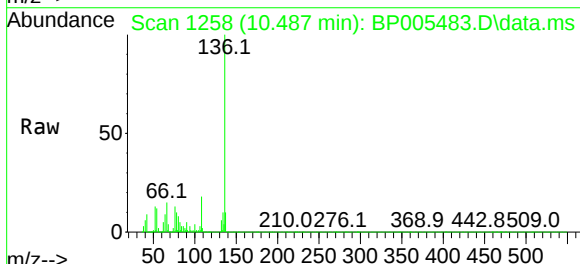
Instrument :
BNA_P
ClientSampled :
PB136239BL

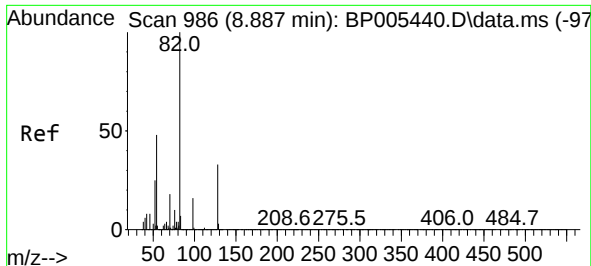
Tgt Ion: 77 Resp: 16
Ion Ratio Lower Upper
77 100
105 77.8 89.4 129.4#
106 55.6 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

Tgt Ion:136 Resp: 25201
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 11.5 5.0 7.4#
68 3.8 3.7 5.5

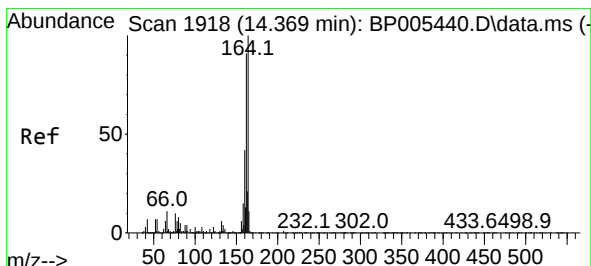
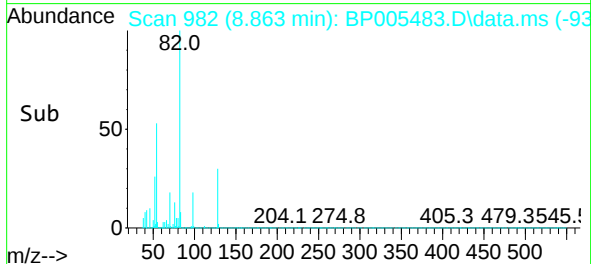
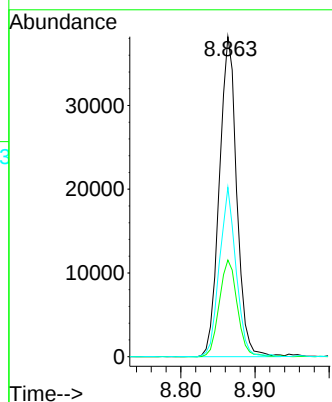
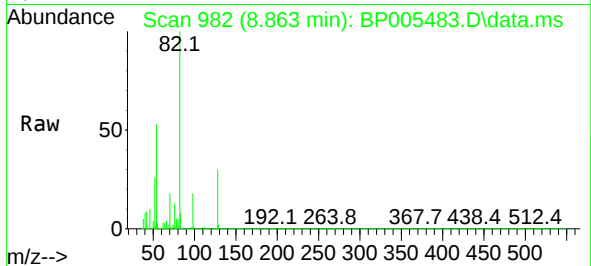




#23
Nitrobenzene-d5
Concen: 97.24 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

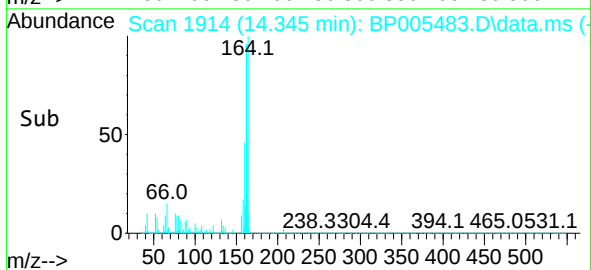
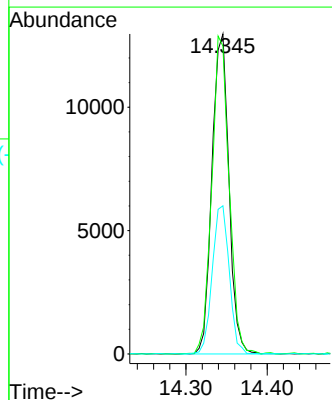
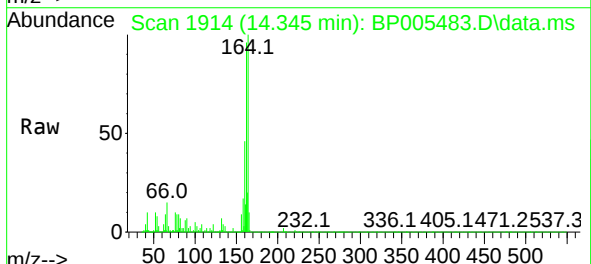
Instrument :
BNA_P
ClientSampleId :
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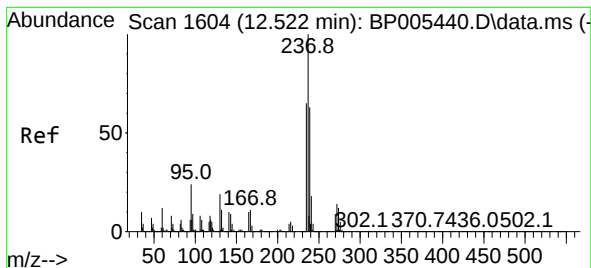
Tgt Ion: 82 Resp: 62262
Ion Ratio Lower Upper
82 100
128 30.2 30.5 45.7#
54 52.9 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

Tgt Ion: 164 Resp: 18760
Ion Ratio Lower Upper
164 100
162 96.2 73.5 110.3
160 46.3 40.6 61.0

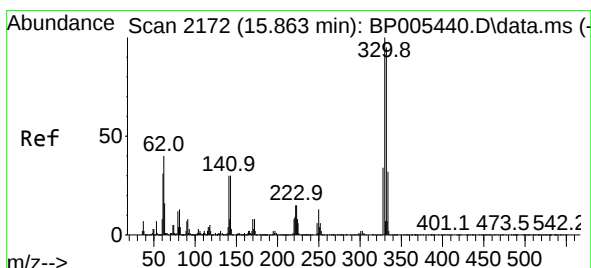
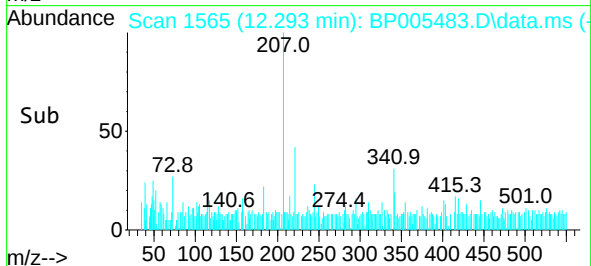
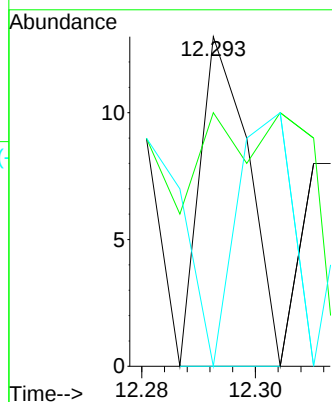
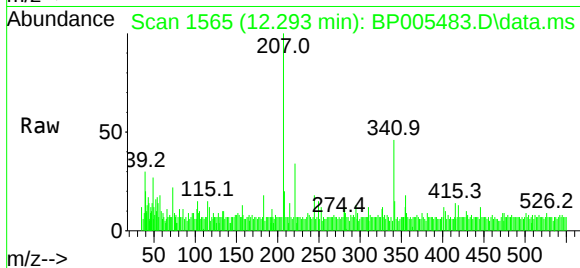




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.293 min Scan# 1565
Delta R.T. -0.206 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

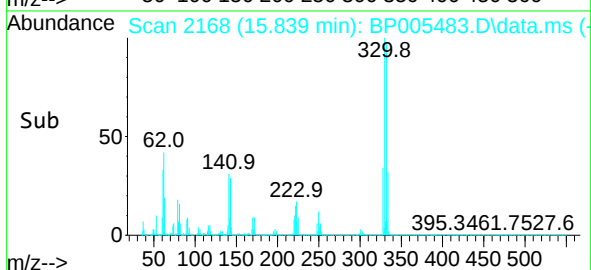
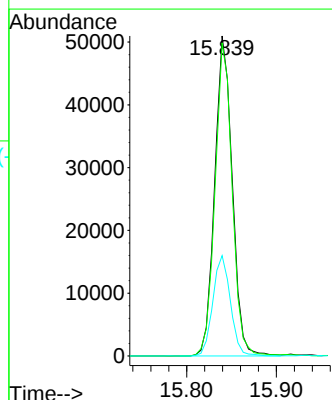
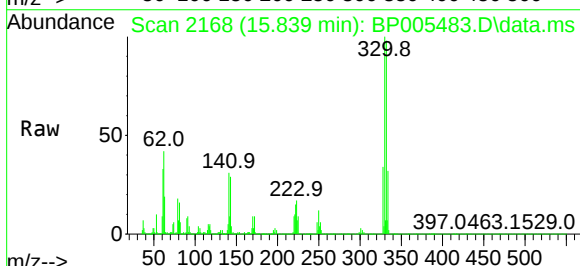
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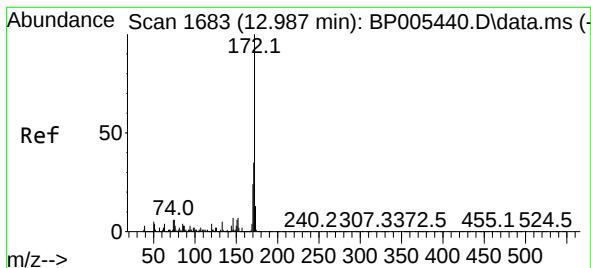
Tgt Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	76.9	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 130.05 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

Tgt Ion:	330	Resp:	69232
Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.3	114.5
141	31.4	22.8	34.2

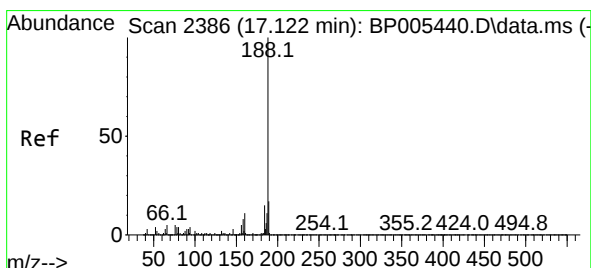
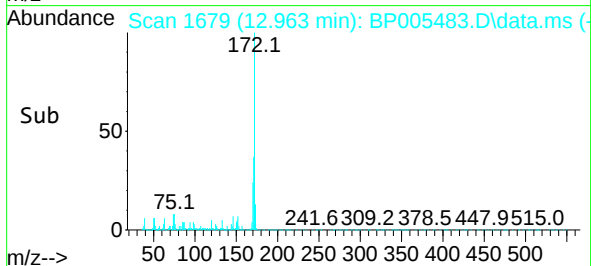
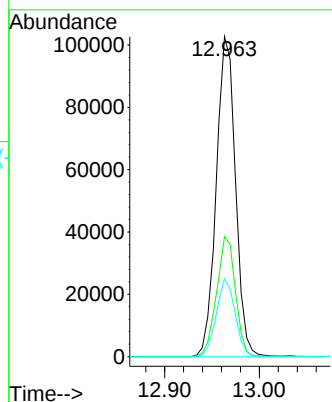
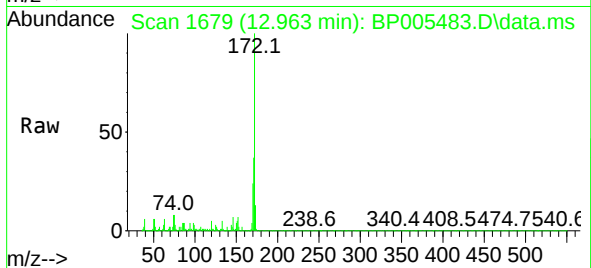




#45
2-Fluorobiphenyl
Concen: 87.09 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

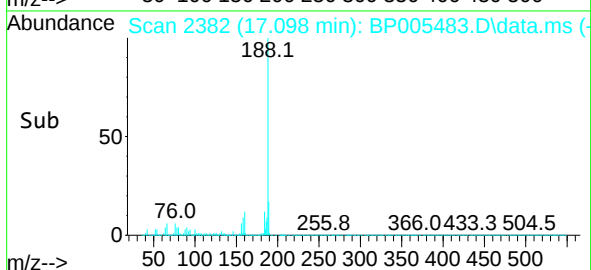
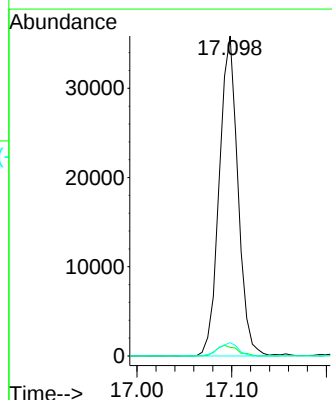
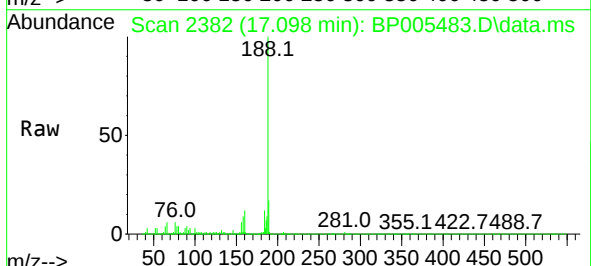
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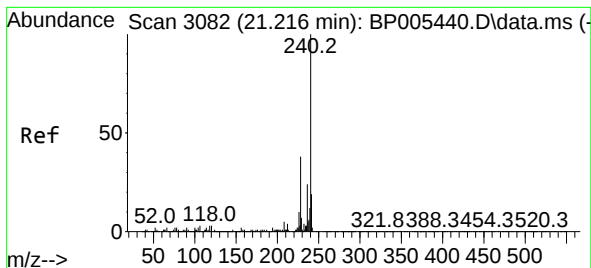
Tgt Ion:172 Resp: 144831
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 24.3 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

Tgt Ion:188 Resp: 49077
Ion Ratio Lower Upper
188 100
94 2.7 5.0 7.6#
80 4.2 5.9 8.9#

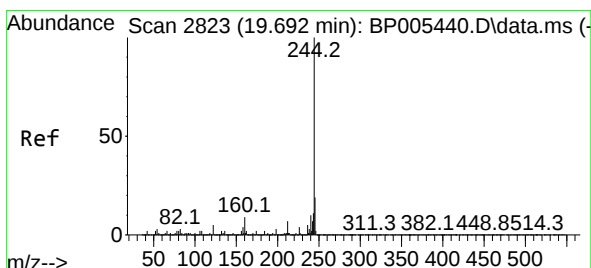
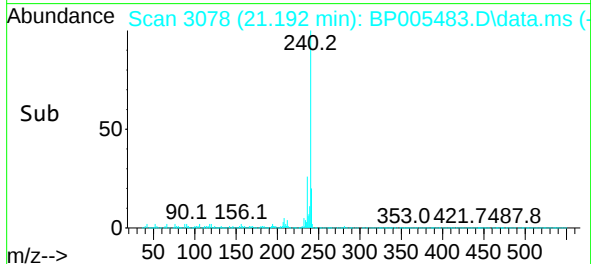
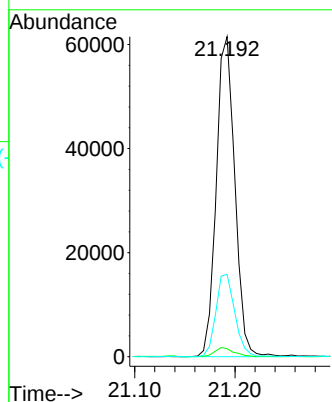
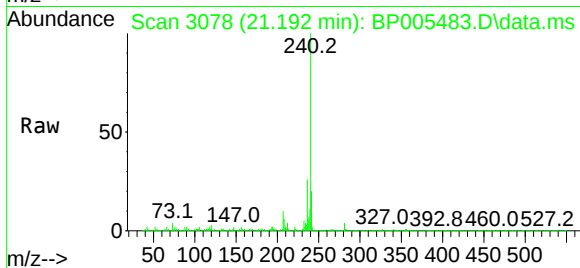




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

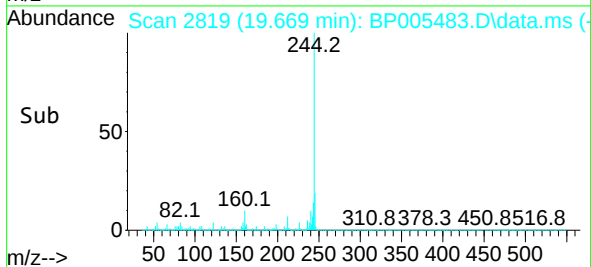
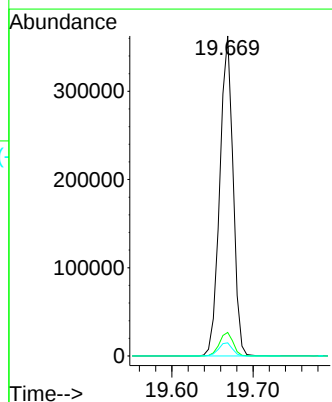
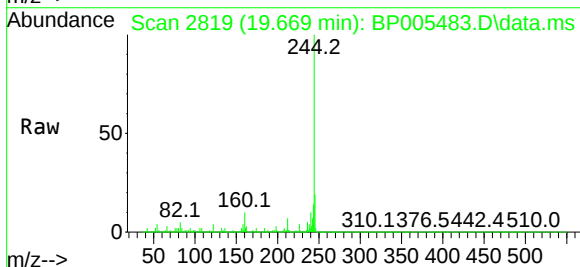
Instrument :
BNA_P
ClientSampleId :
PB136239BL

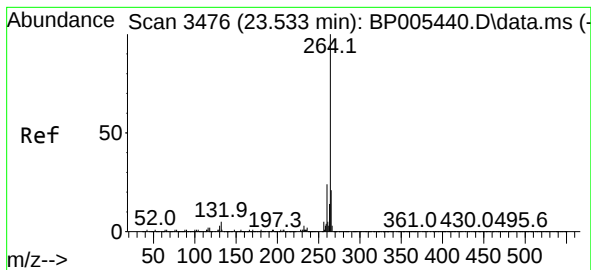
Tgt Ion:240 Resp: 78946
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 88.90 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005483.D
Acq: 11 May 2021 11:10

Tgt Ion:244 Resp: 413254
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.1 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.498 min Scan# 3470
 Delta R.T. -0.006 min
 Lab File: BP005483.D
 Acq: 11 May 2021 11:10

Instrument :
 BNA_P
 ClientSampleId :
 PB136239BL

Tgt Ion:	264	Resp:	97639
Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.6	30.8
265	21.7	19.0	28.6

