

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050521\
 Data File : BP005445.D
 Acq On : 05 May 2021 19:51
 Operator : CG/JU
 Sample : PB136195TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136195TB

Quant Time: May 06 05:15:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 19:00:25 2021
 Response via : Initial Calibration

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

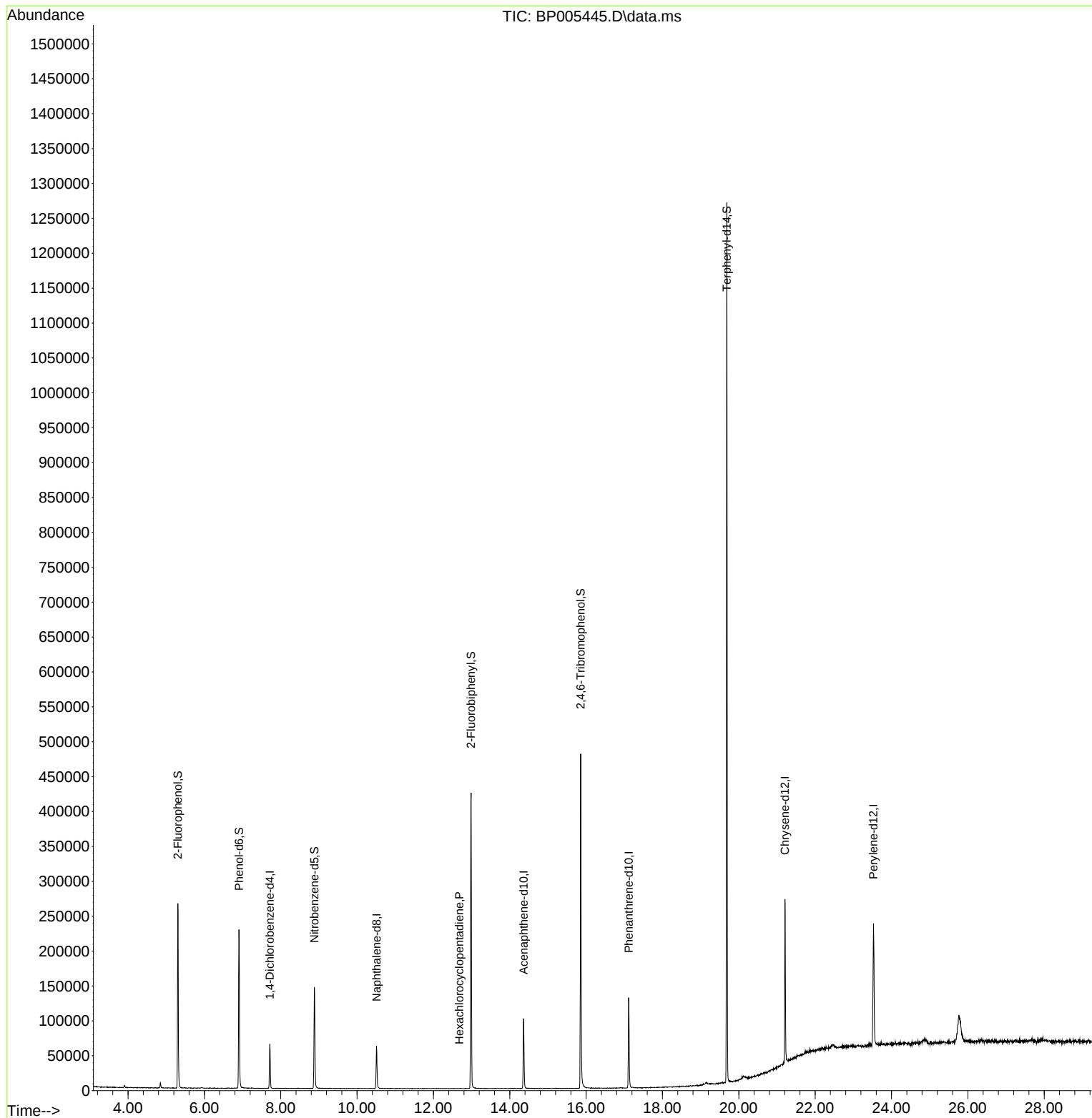
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	13634	20.00	ng	0.00
21) Naphthalene-d8	10.510	136	41322	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	31532	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	81691	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	118235	20.00	ng	# 0.00
86) Perylene-d12	23.527	264	144319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	84257	118.60	ng	0.00
7) Phenol-d6	6.910	99	92106	103.97	ng	0.00
23) Nitrobenzene-d5	8.881	82	74087	70.57	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	100305	112.10	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	199409	71.34	ng	0.00
79) Terphenyl-d14	19.686	244	506670	72.78	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.187	88	15	Below Cal	#	1
9) Benzaldehyde	6.916	77	434	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.681	237	9	7.88	ng	78

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

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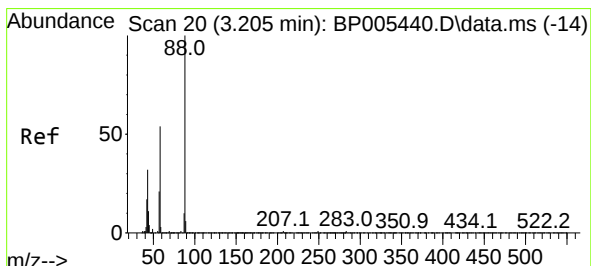
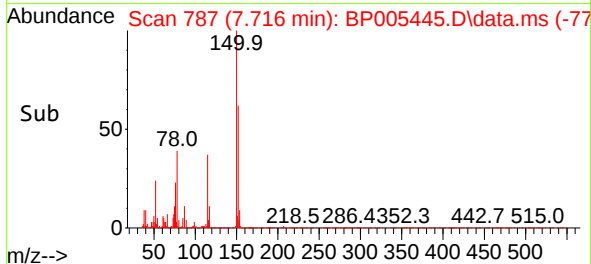
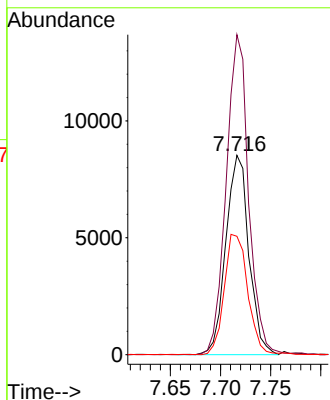
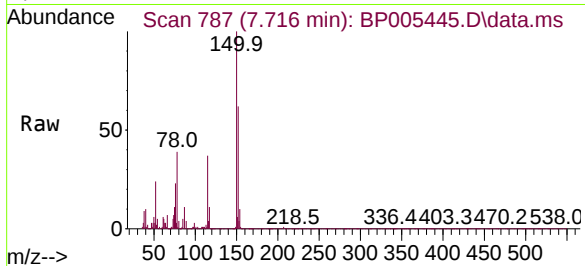




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

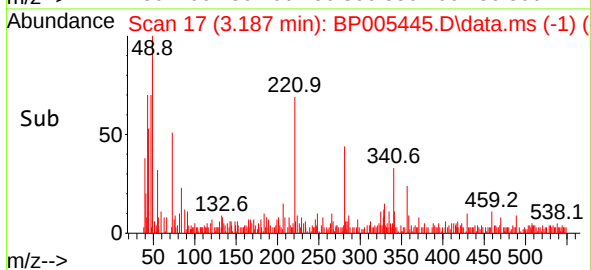
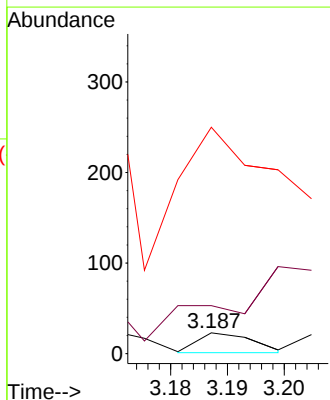
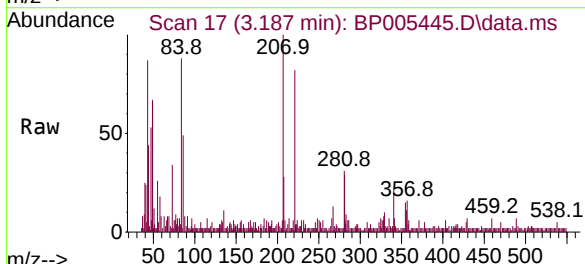
Instrument :
BNA_P
ClientSampleId :
PB136195TB

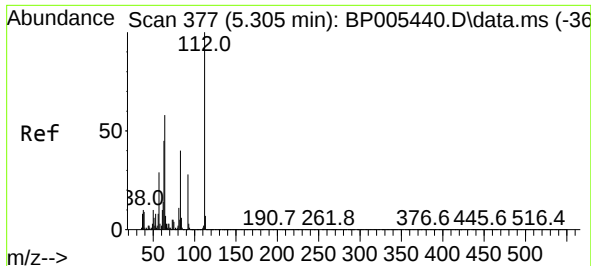
Tgt Ion:152 Resp: 13634
Ion Ratio Lower Upper
152 100
150 160.6 119.8 179.8
115 59.4 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.187 min Scan# 17
Delta R.T. -0.018 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 940.0 19.8 29.8#

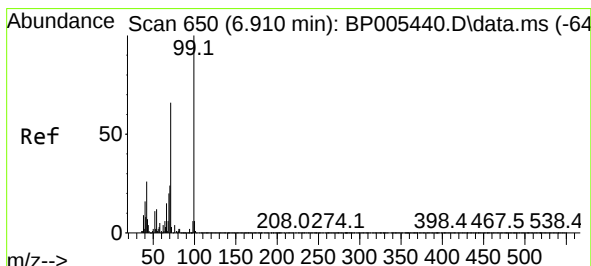
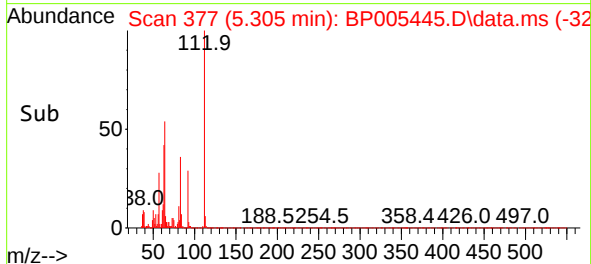
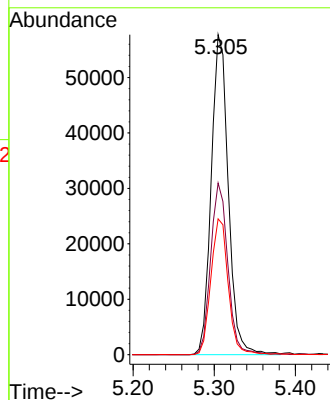
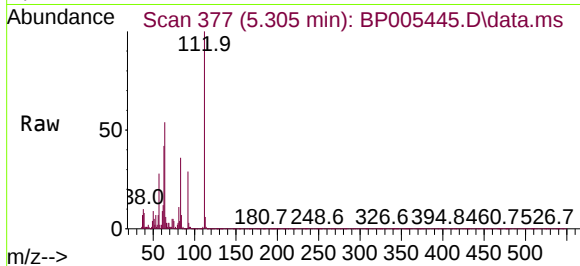




#5
2-Fluorophenol
Concen: 118.60 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

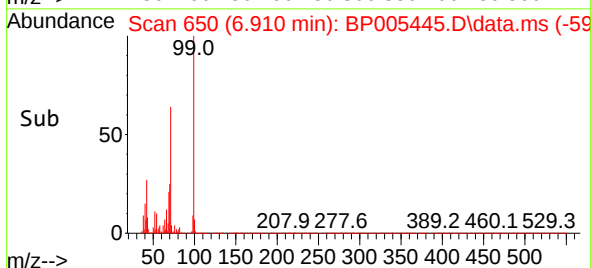
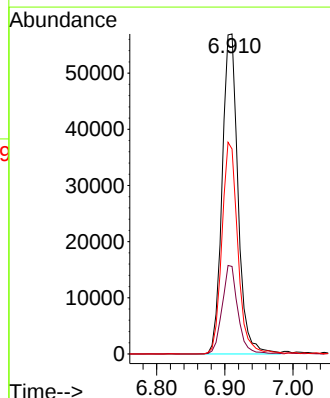
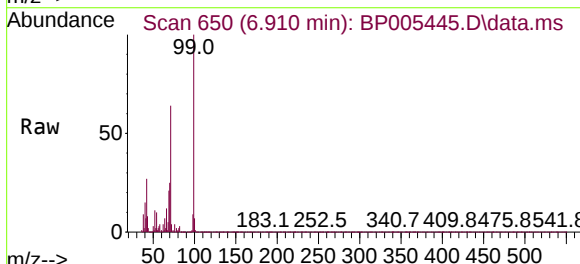
Instrument :
BNA_P
ClientSampleId :
PB136195TB

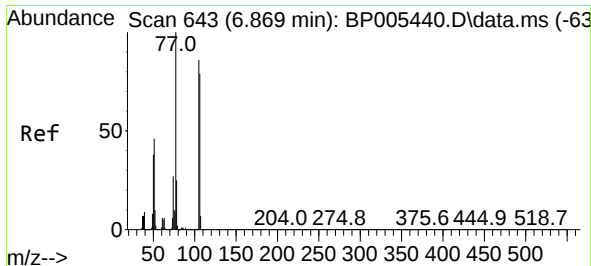
Tgt Ion:112 Resp: 84257
Ion Ratio Lower Upper
112 100
64 53.6 33.6 50.4#
63 42.5 18.6 27.8#



#7
Phenol-d6
Concen: 103.97 ng
RT: 6.910 min Scan# 650
Delta R.T. 0.000 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

Tgt Ion: 99 Resp: 92106
Ion Ratio Lower Upper
99 100
42 27.3 12.9 19.3#
71 64.0 26.7 40.1#

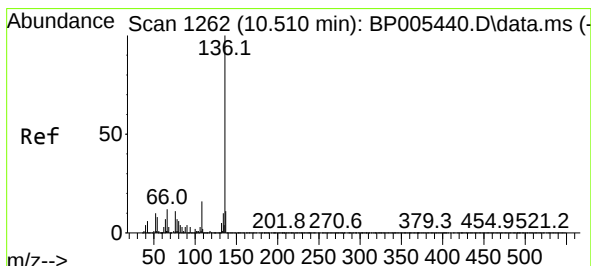
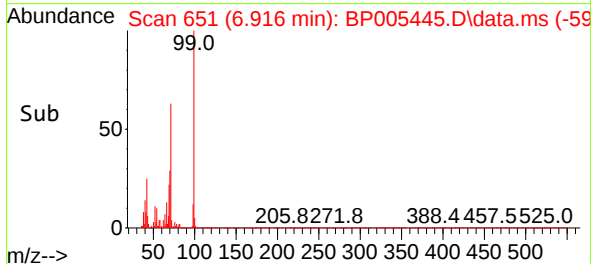
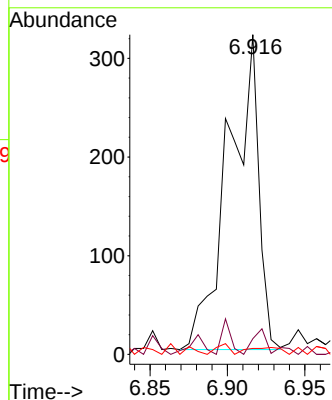
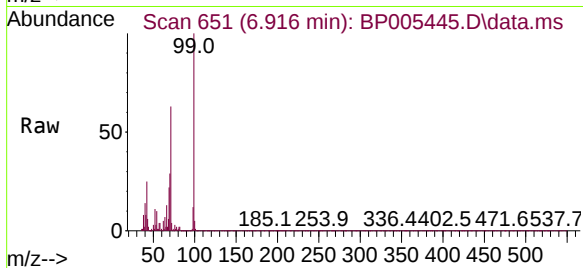




#9
Benzaldehyde
Concen: Below Cal
RT: 6.916 min Scan# 651
Delta R.T. 0.047 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

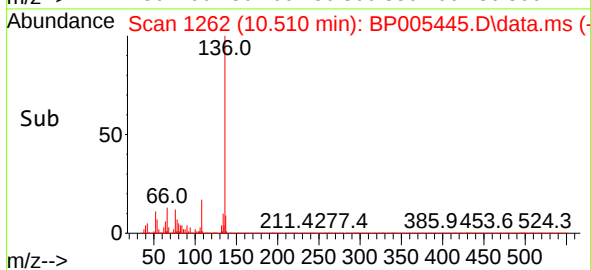
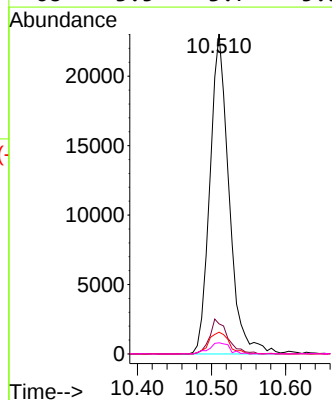
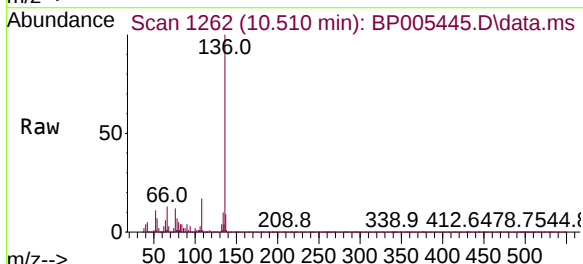
Instrument :
BNA_P
ClientSampleId :
PB136195TB

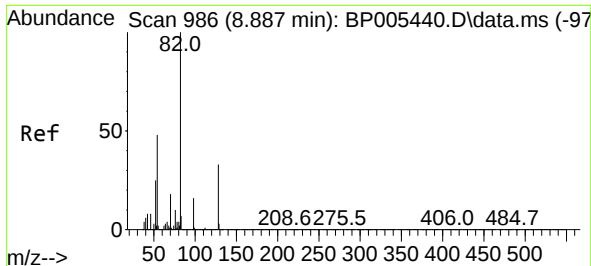
Tgt Ion: 77 Resp: 434
Ion Ratio Lower Upper
77 100
105 4.9 89.4 129.4#
106 1.9 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

Tgt Ion: 136 Resp: 41322
Ion Ratio Lower Upper
136 100
137 9.4 8.9 13.3
54 6.8 5.0 7.4
68 3.5 3.7 5.5#

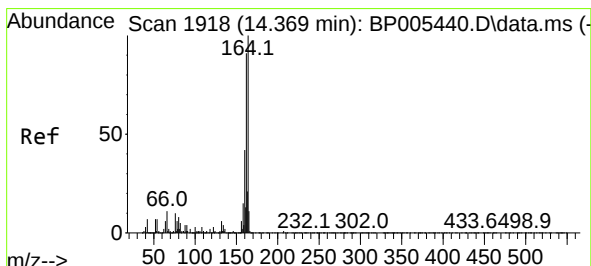
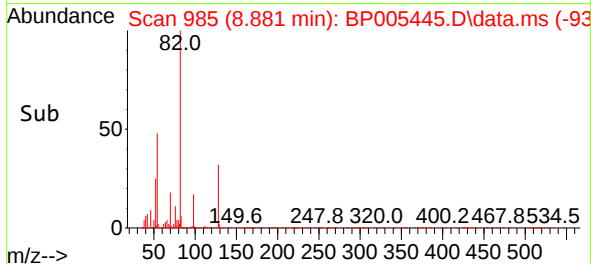
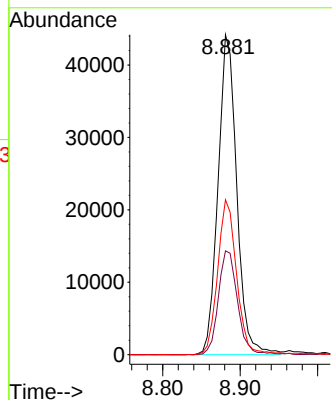
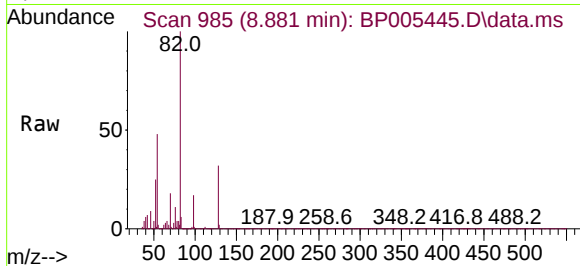




#23
Nitrobenzene-d5
Concen: 70.57 ng
RT: 8.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

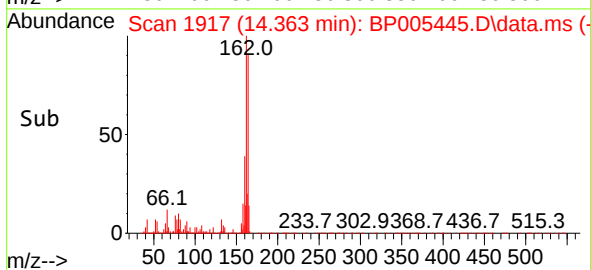
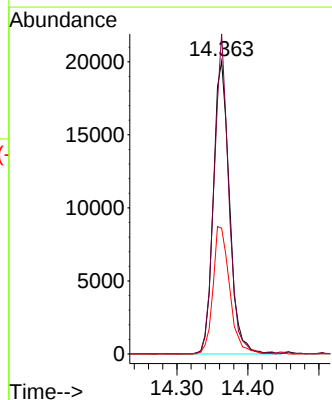
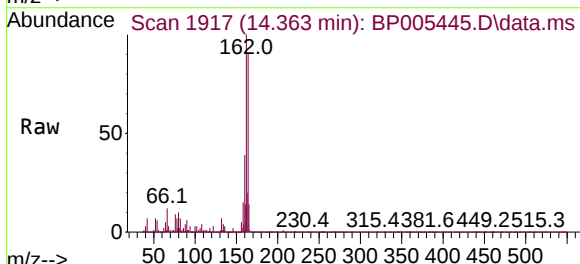
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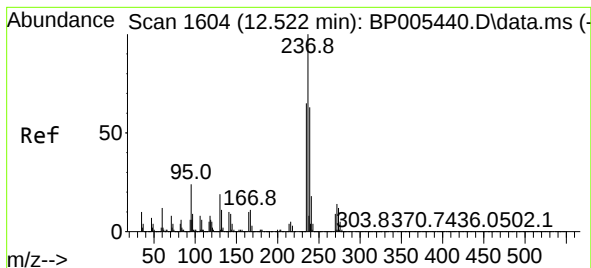
Tgt Ion: 82 Resp: 74087
Ion Ratio Lower Upper
82 100
128 32.4 30.5 45.7
54 48.4 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

Tgt Ion: 164 Resp: 31532
Ion Ratio Lower Upper
164 100
162 109.3 73.5 110.3
160 43.0 40.6 61.0

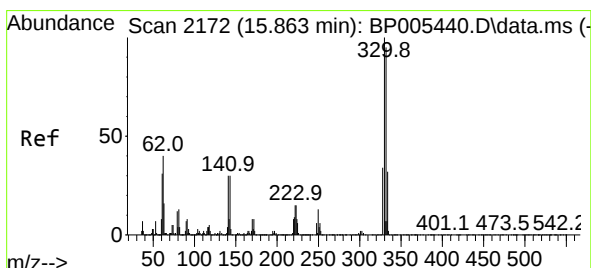
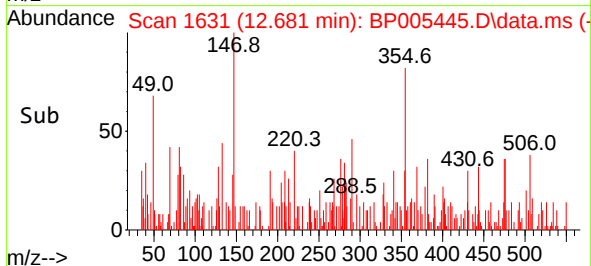
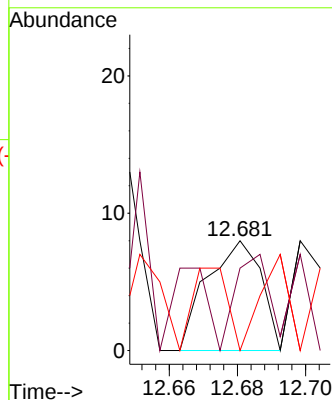
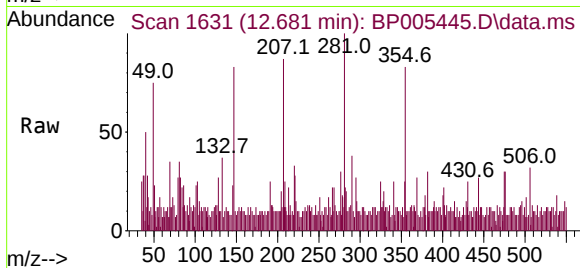




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.681 min Scan# 1631
Delta R.T. 0.159 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

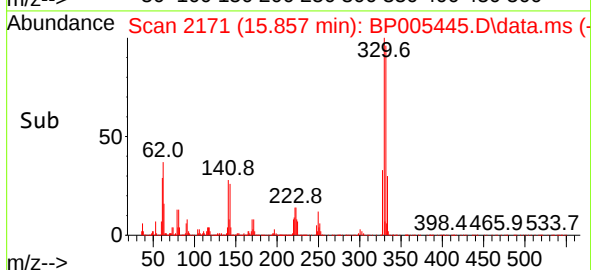
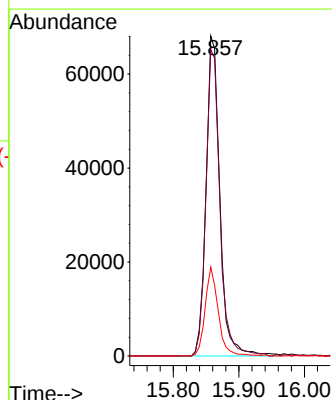
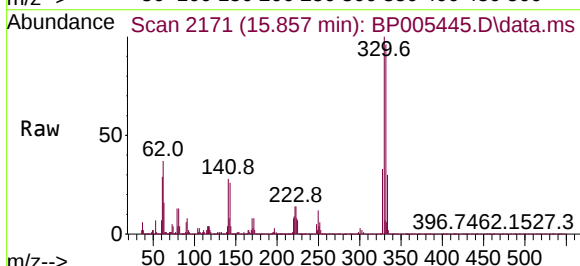
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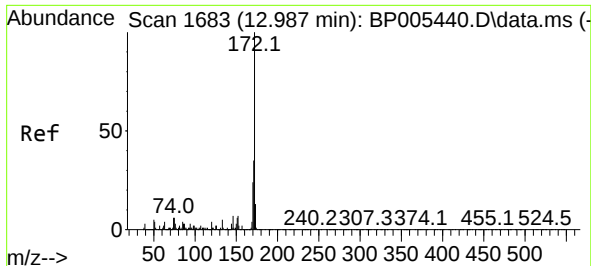
Tgt Ion:	237	Resp:	9
Ion	Ratio	Lower	Upper
237	100		
235	75.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 112.10 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

Tgt Ion:	330	Resp:	100305
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.3	114.5
141	26.5	22.8	34.2

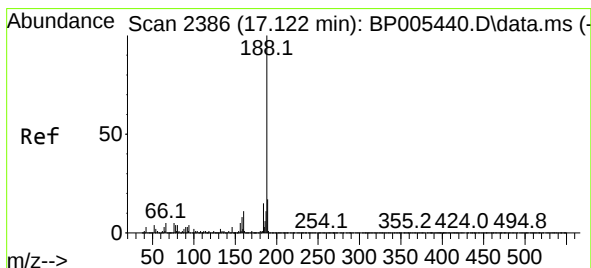
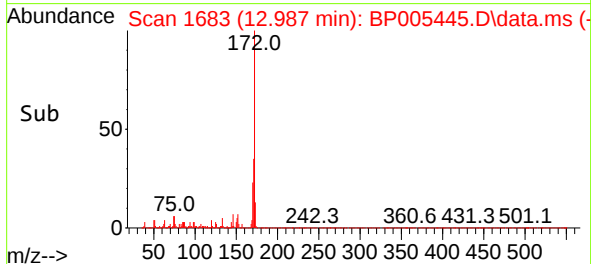
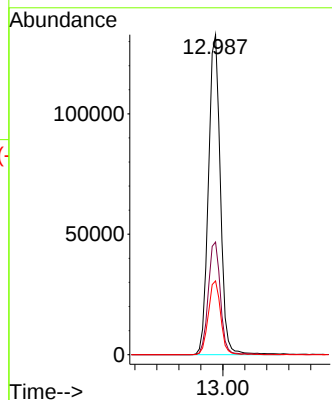
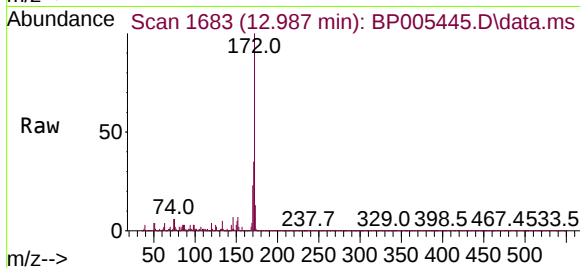




#45
2-Fluorobiphenyl
Concen: 71.34 ng
RT: 12.987 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

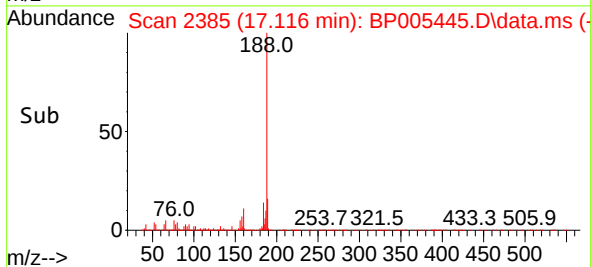
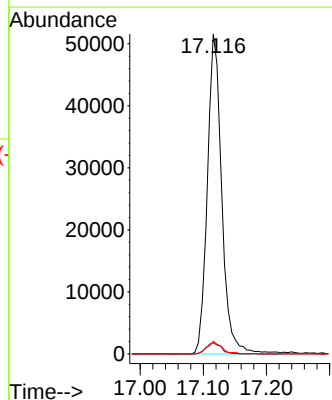
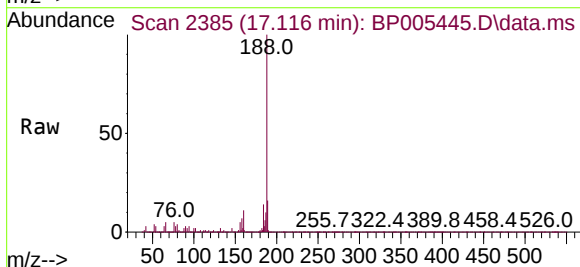
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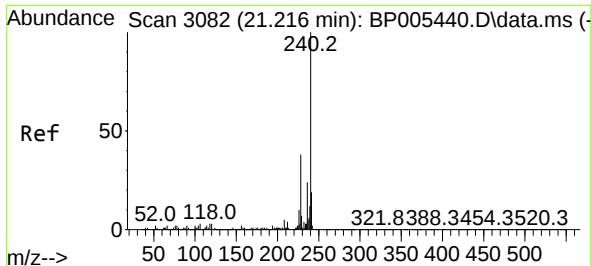
Tgt Ion:	172	Resp:	199409
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.1	42.1
170	23.0	19.6	29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

Tgt Ion:	188	Resp:	81691
Ion Ratio	Lower	Upper	
188	100		
94	3.5	5.0	7.6#
80	3.9	5.9	8.9#

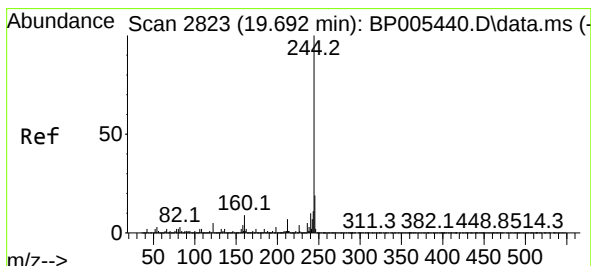
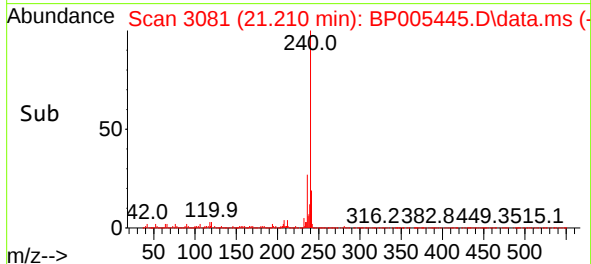
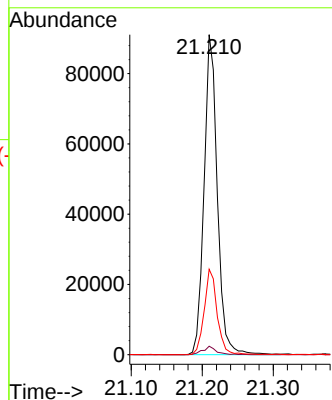
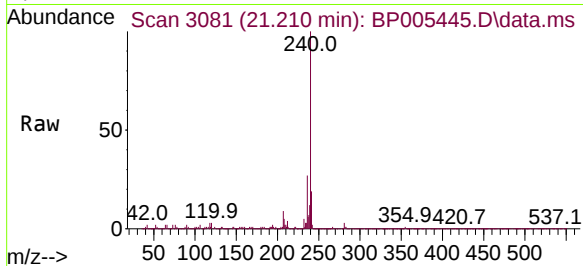




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

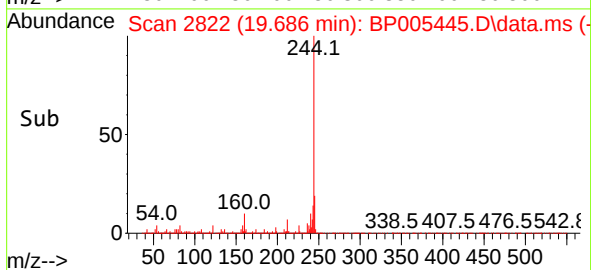
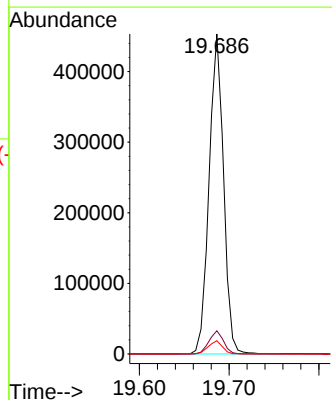
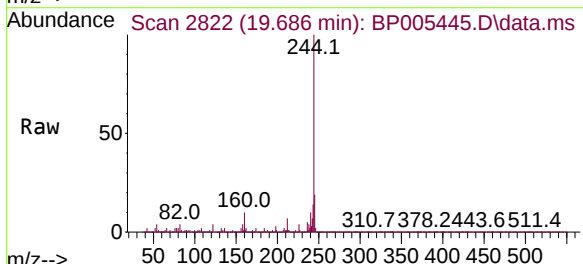
Instrument :
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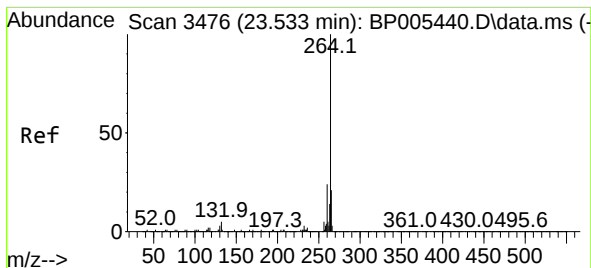
Tgt Ion:240 Resp: 118235
Ion Ratio Lower Upper
240 100
120 2.7 4.2 6.2#
236 26.7 20.2 30.2



#79
Terphenyl-d14
Concen: 72.78 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP005445.D
Acq: 05 May 2021 19:51

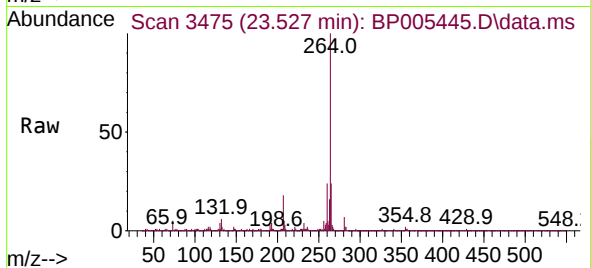
Tgt Ion:244 Resp: 506670
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 4.2 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.527 min Scan# 3475
 Delta R.T. -0.006 min
 Lab File: BP005445.D
 Acq: 05 May 2021 19:51

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 144319
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.6 30.8
 265 23.9 19.0 28.6

