

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
 Data File : BP005577.D
 Acq On : 15 May 2021 20:03
 Operator : CG/JU
 Sample : M2383-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-02-05122021

Quant Time: May 16 02:46:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

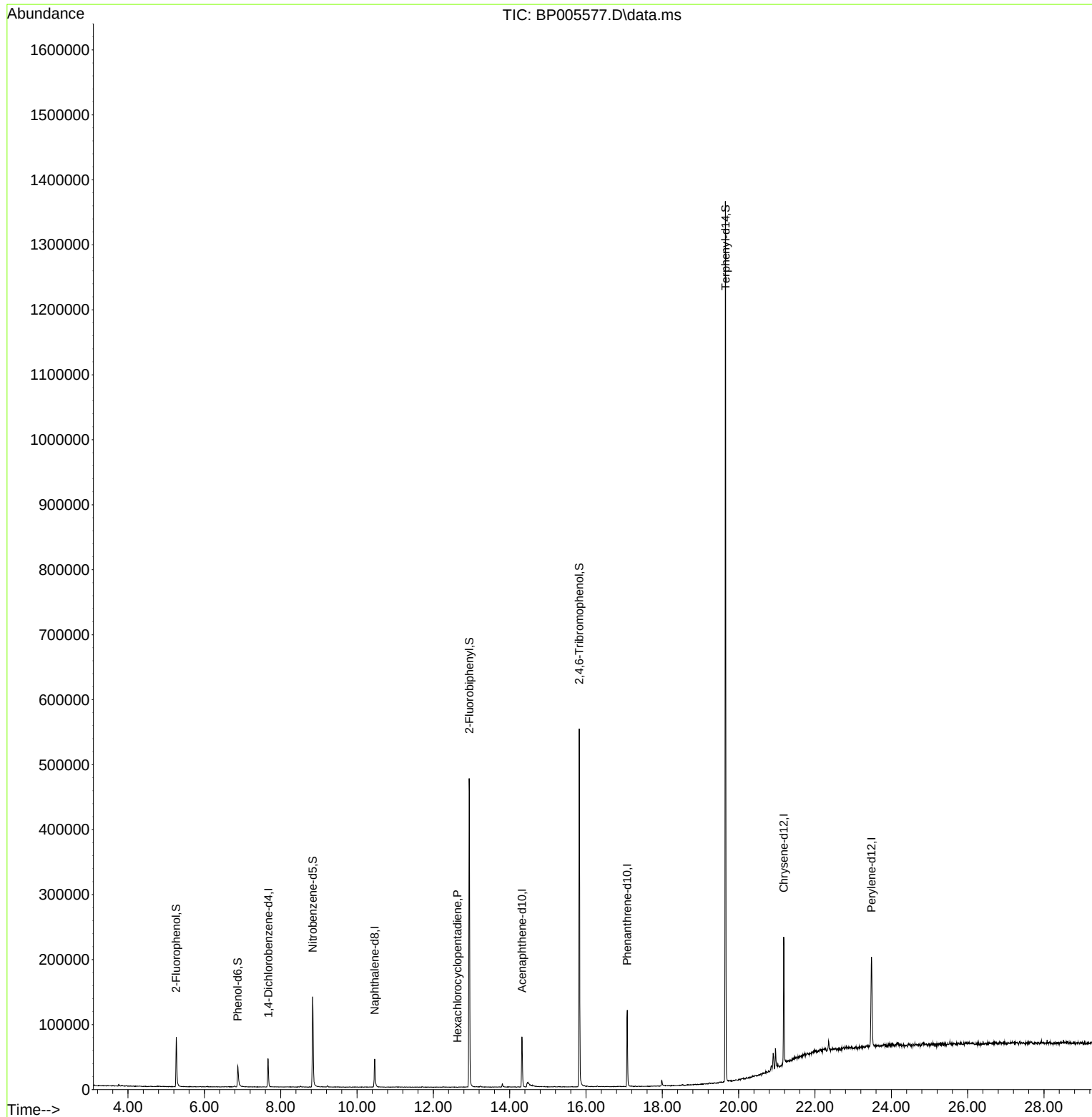
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	9307	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	31347	20.00	ng	# 0.00
39) Acenaphthene-d10	14.322	164	25386	20.00	ng	-0.01
64) Phenanthrene-d10	17.080	188	67673	20.00	ng	# 0.00
76) Chrysene-d12	21.180	240	95202	20.00	ng	#-0.01
86) Perylene-d12	23.480	264	113811	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	24980	51.51	ng	0.00
7) Phenol-d6	6.875	99	16279	26.92	ng	0.00
23) Nitrobenzene-d5	8.840	82	75161	94.37	ng	-0.01
42) 2,4,6-Tribromophenol	15.822	330	102476	142.25	ng	-0.02
45) 2-Fluorobiphenyl	12.939	172	209232	92.97	ng	-0.01
79) Terphenyl-d14	19.657	244	553515	98.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	21	Below Cal	#	1
9) Benzaldehyde	6.669	77	13	Below Cal		86
41) Hexachlorocyclopentadiene	12.628	237	9	7.89	ng	90

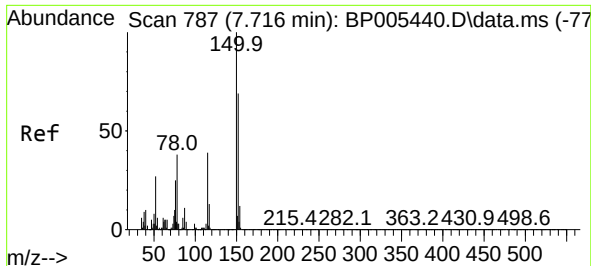
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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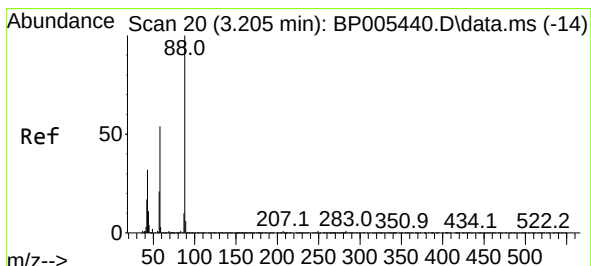
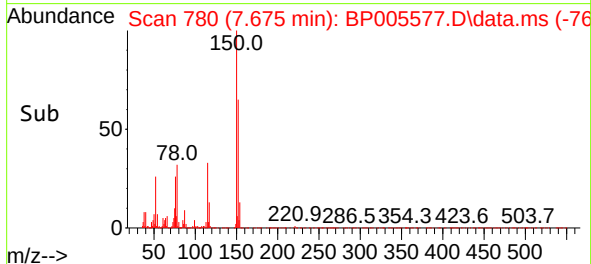
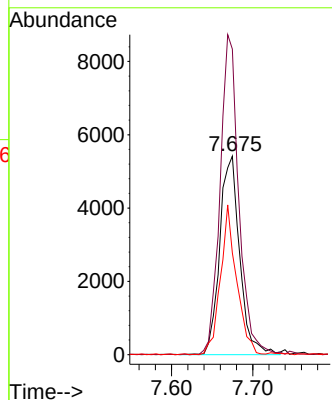
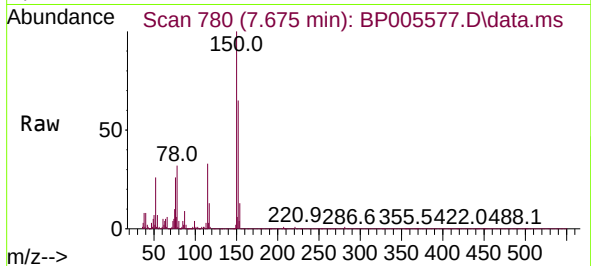




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

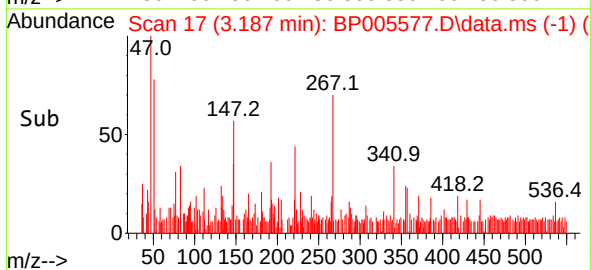
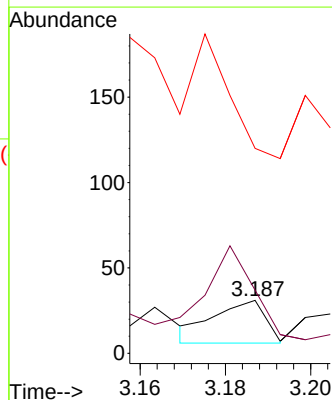
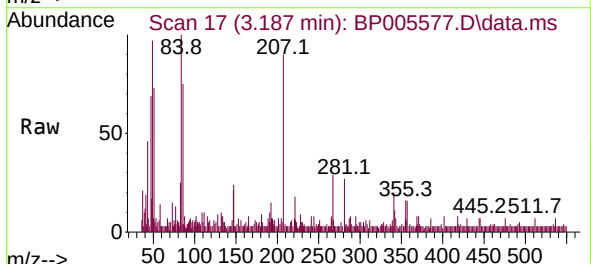
Instrument :
BNA_P
ClientSampleId :
FB-02-05122021

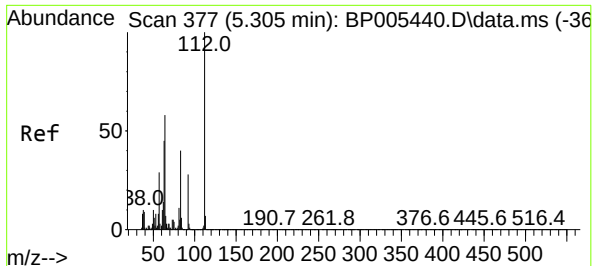
Tgt Ion: 152 Resp: 9307
Ion Ratio Lower Upper
152 100
150 153.8 119.8 179.8
115 51.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.187 min Scan# 17
Delta R.T. 0.029 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
58 209.5 42.5 63.7#
43 0.0 19.8 29.8#

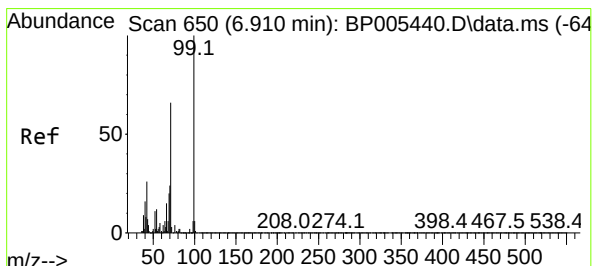
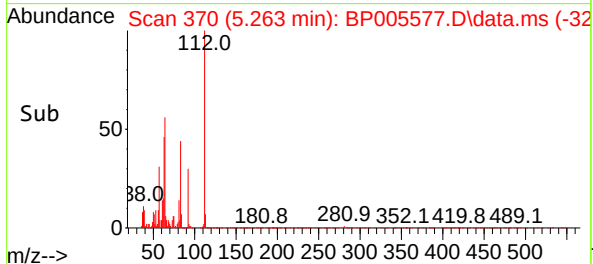
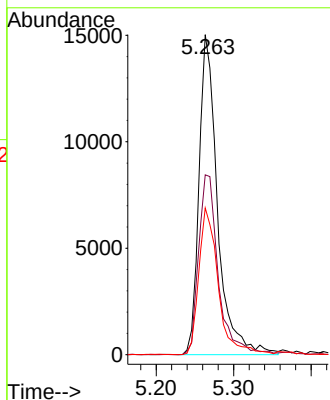
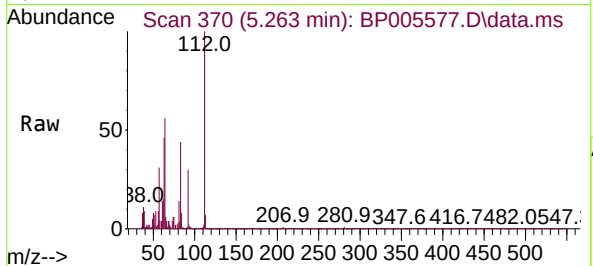




#5
2-Fluorophenol
Concen: 51.51 ng
RT: 5.263 min Scan# 370
Delta R.T. -0.006 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

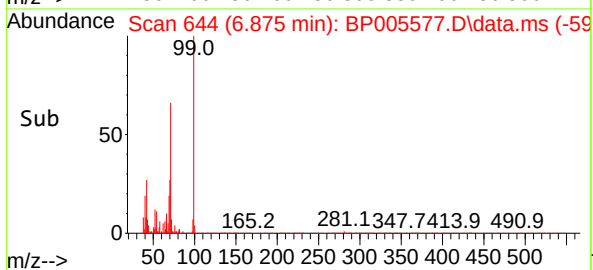
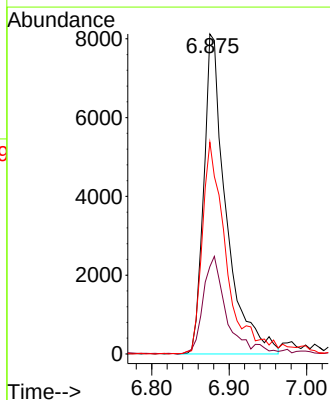
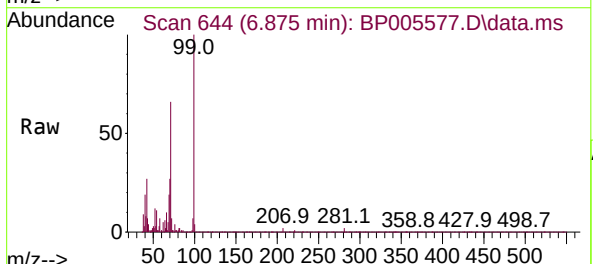
Instrument :
BNA_P
ClientSampleId :
FB-02-05122021

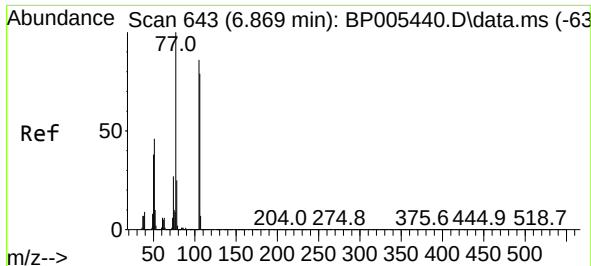
Tgt Ion:112 Resp: 24980
Ion Ratio Lower Upper
112 100
64 56.2 33.6 50.4#
63 45.9 18.6 27.8#



#7
Phenol-d6
Concen: 26.92 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

Tgt Ion: 99 Resp: 16279
Ion Ratio Lower Upper
99 100
42 27.3 12.9 19.3#
71 66.2 26.7 40.1#

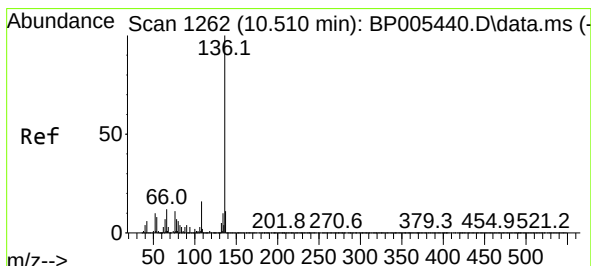
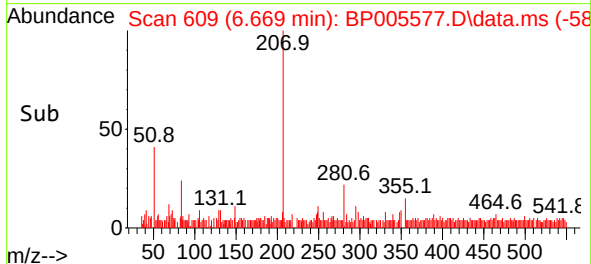
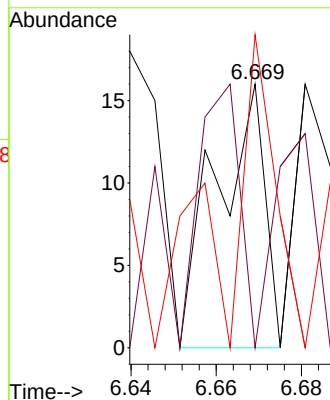
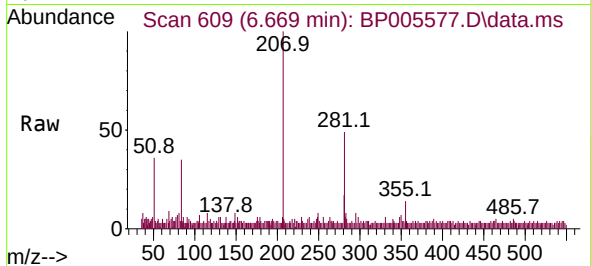




#9
Benzaldehyde
Concen: Below Cal
RT: 6.669 min Scan# 609
Delta R.T. -0.159 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

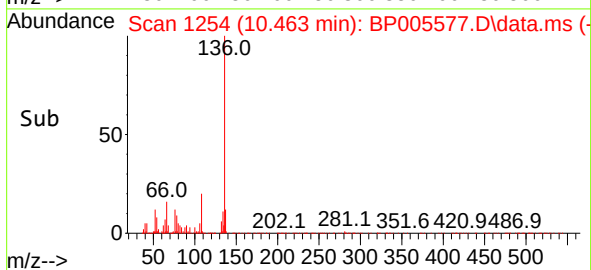
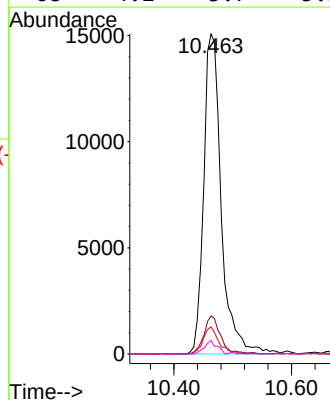
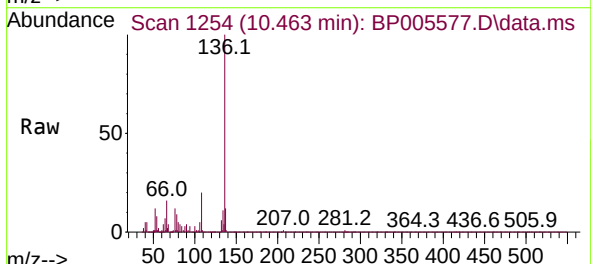
Instrument :
BNA_P
ClientSampleId :
FB-02-05122021

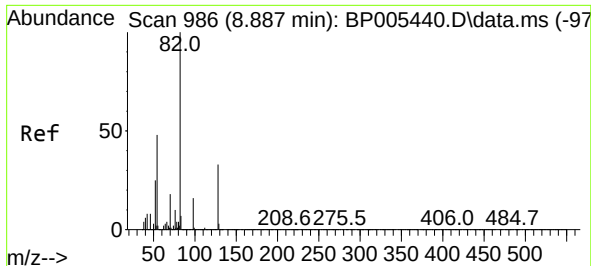
Tgt Ion: 77 Resp: 13
Ion Ratio Lower Upper
77 100
105 118.8 89.4 129.4
106 118.8 79.9 119.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

Tgt Ion: 136 Resp: 31347
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 8.4 5.0 7.4#
68 4.2 3.7 5.5

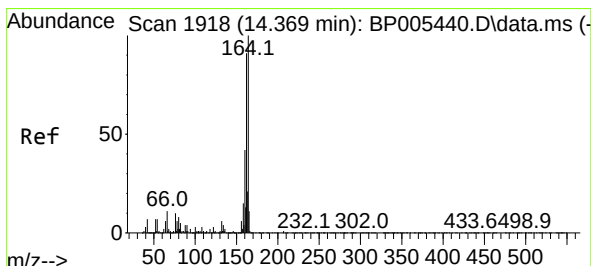
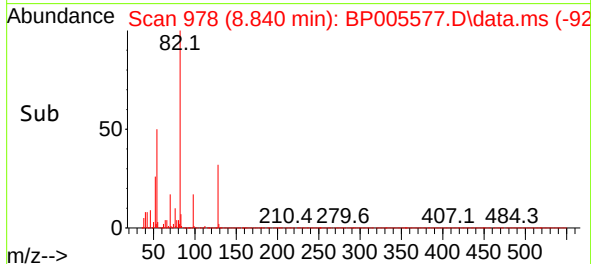
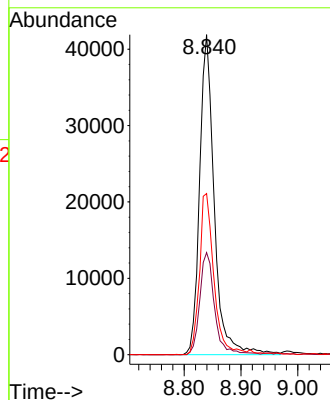
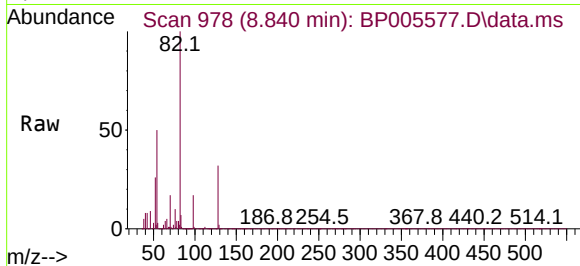




#23
Nitrobenzene-d5
Concen: 94.37 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

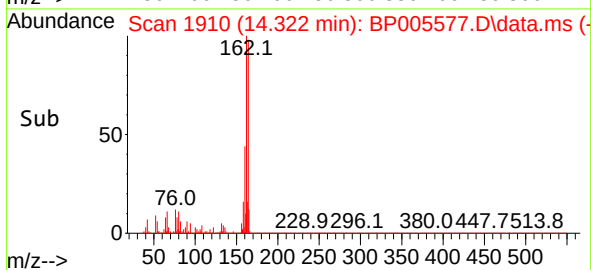
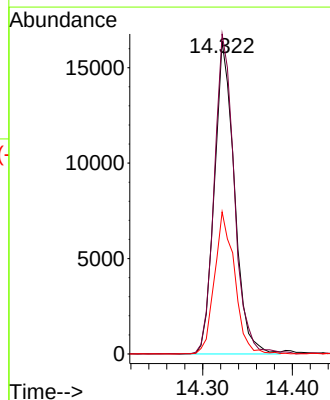
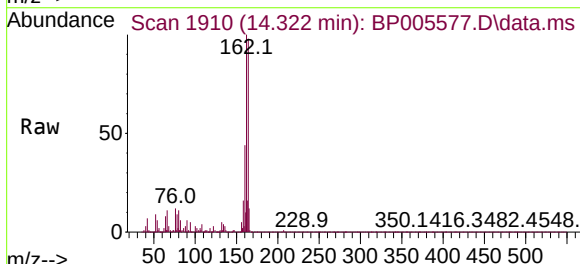
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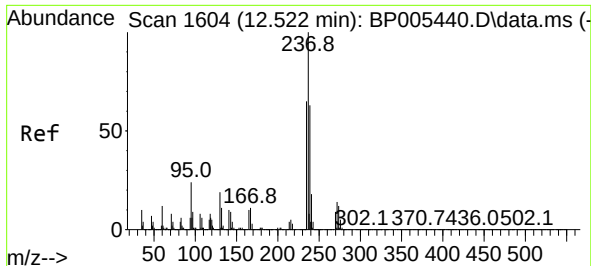
Tgt Ion: 82 Resp: 75161
Ion Ratio Lower Upper
82 100
128 31.9 30.5 45.7
54 50.3 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.322 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

Tgt Ion: 164 Resp: 25386
Ion Ratio Lower Upper
164 100
162 102.3 73.5 110.3
160 45.4 40.6 61.0

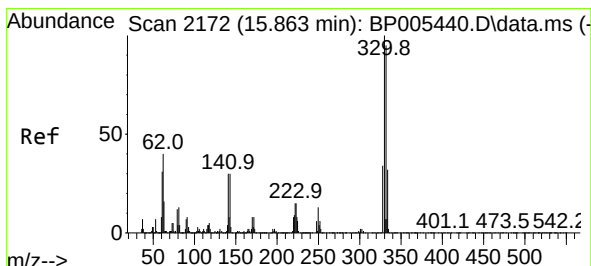
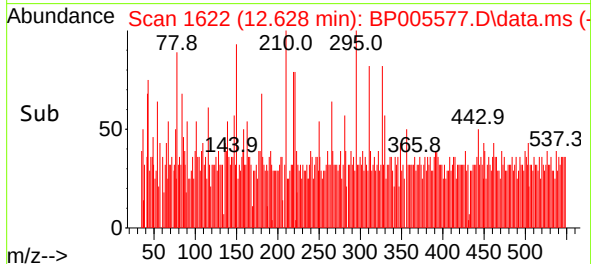
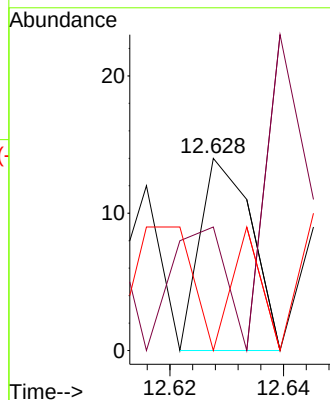
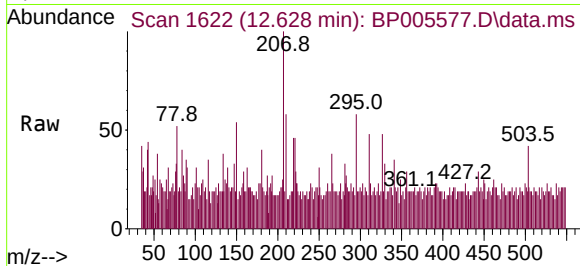




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.628 min Scan# 1622
Delta R.T. 0.147 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

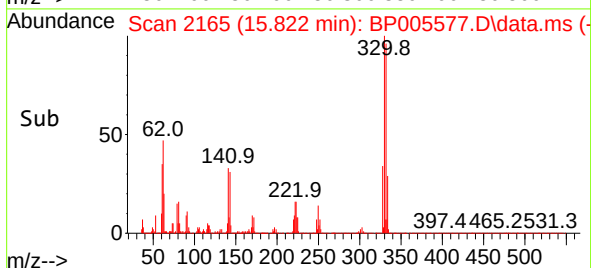
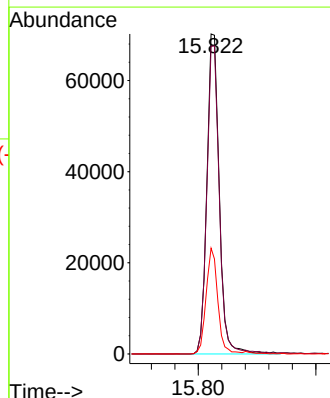
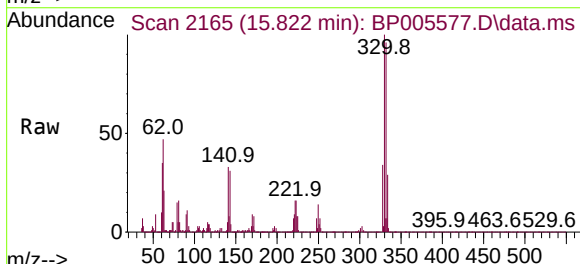
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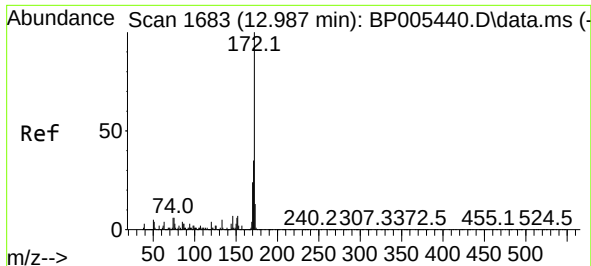
Tgt Ion:	237	Resp:	9
Ion	Ratio	Lower	Upper
237	100		
235	64.3	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 142.25 ng
RT: 15.822 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

Tgt Ion:	330	Resp:	102476
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.3	114.5
141	31.2	22.8	34.2

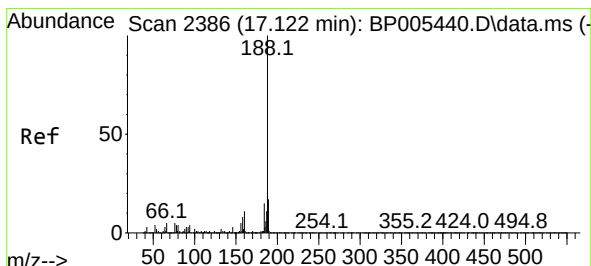
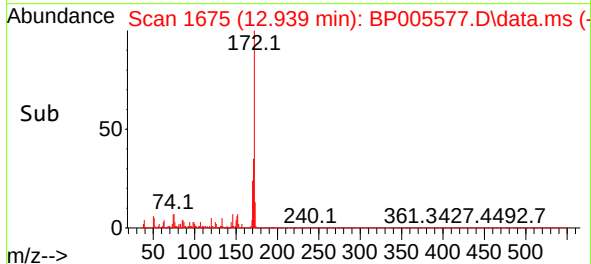
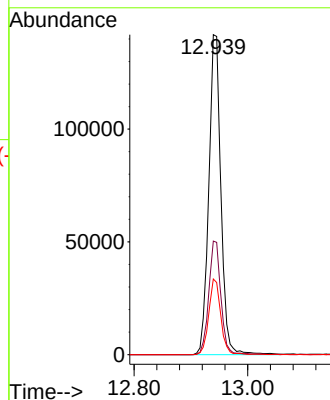
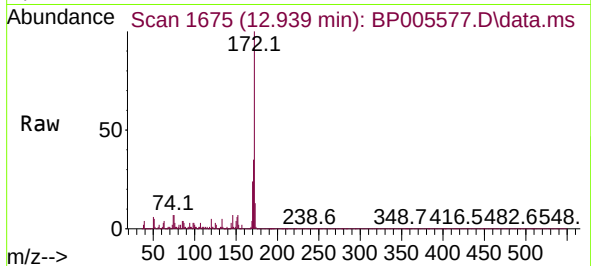




#45
2-Fluorobiphenyl
Concen: 92.97 ng
RT: 12.939 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

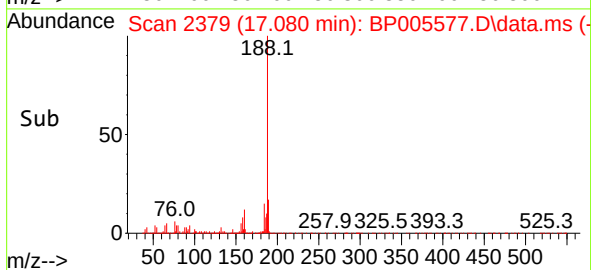
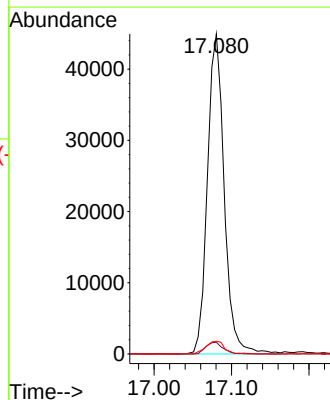
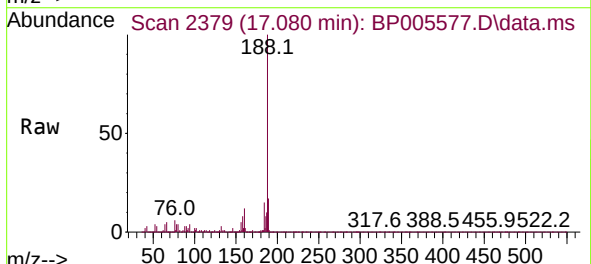
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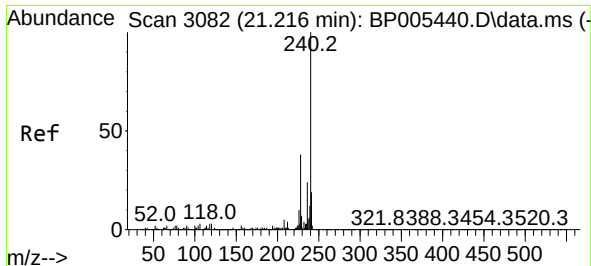
Tgt Ion:172 Resp: 209232
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.006 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

Tgt Ion:188 Resp: 67673
Ion Ratio Lower Upper
188 100
94 3.6 5.0 7.6#
80 4.0 5.9 8.9#

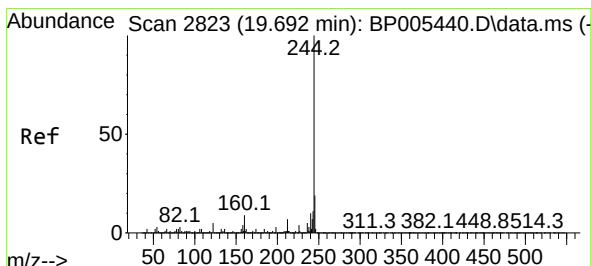
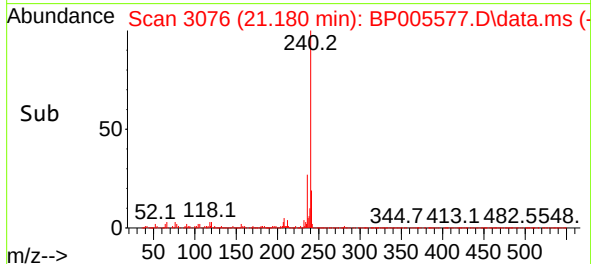
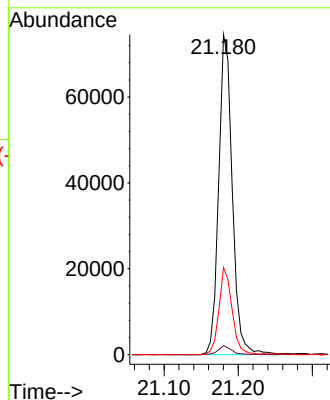
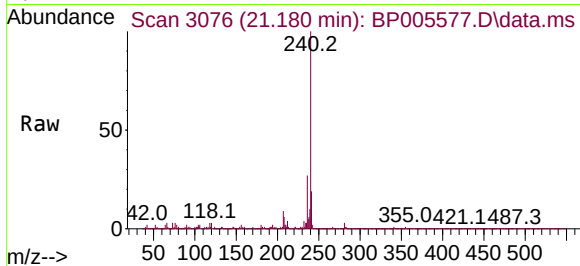




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.012 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

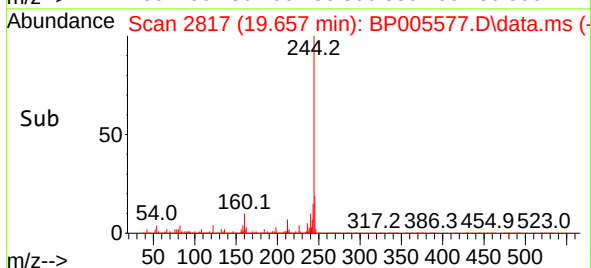
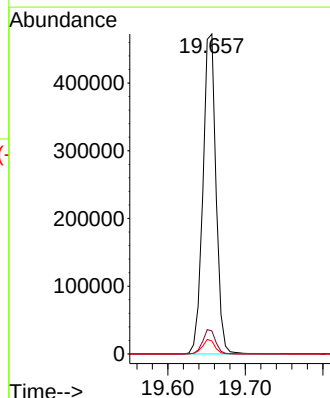
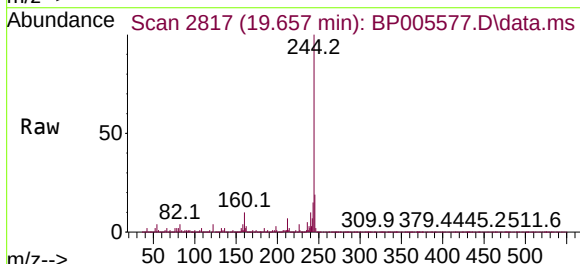
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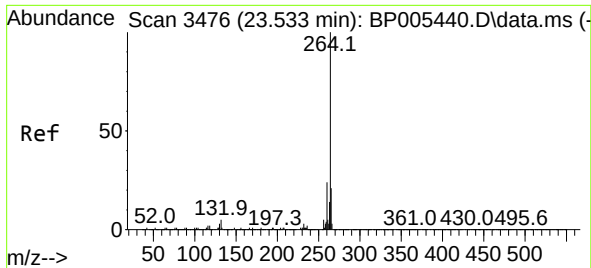
Tgt Ion:240 Resp: 95202
Ion Ratio Lower Upper
240 100
120 2.8 4.2 6.2#
236 27.2 20.2 30.2



#79
Terphenyl-d14
Concen: 98.74 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005577.D
Acq: 15 May 2021 20:03

Tgt Ion:244 Resp: 553515
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 4.0 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.480 min Scan# 3467
 Delta R.T. -0.018 min
 Lab File: BP005577.D
 Acq: 15 May 2021 20:03

Instrument :
 BNA_P
 ClientSampleId :
 FB-02-05122021

Tgt Ion:264	Resp:	113811
Ion	Ratio	Lower Upper
264	100	
260	24.7	20.6 30.8
265	24.1	19.0 28.6

