

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005523.D
 Acq On : 13 May 2021 17:09
 Operator : CG/JU
 Sample : PB136365BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136365BL

Quant Time: May 13 18:12:17 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)

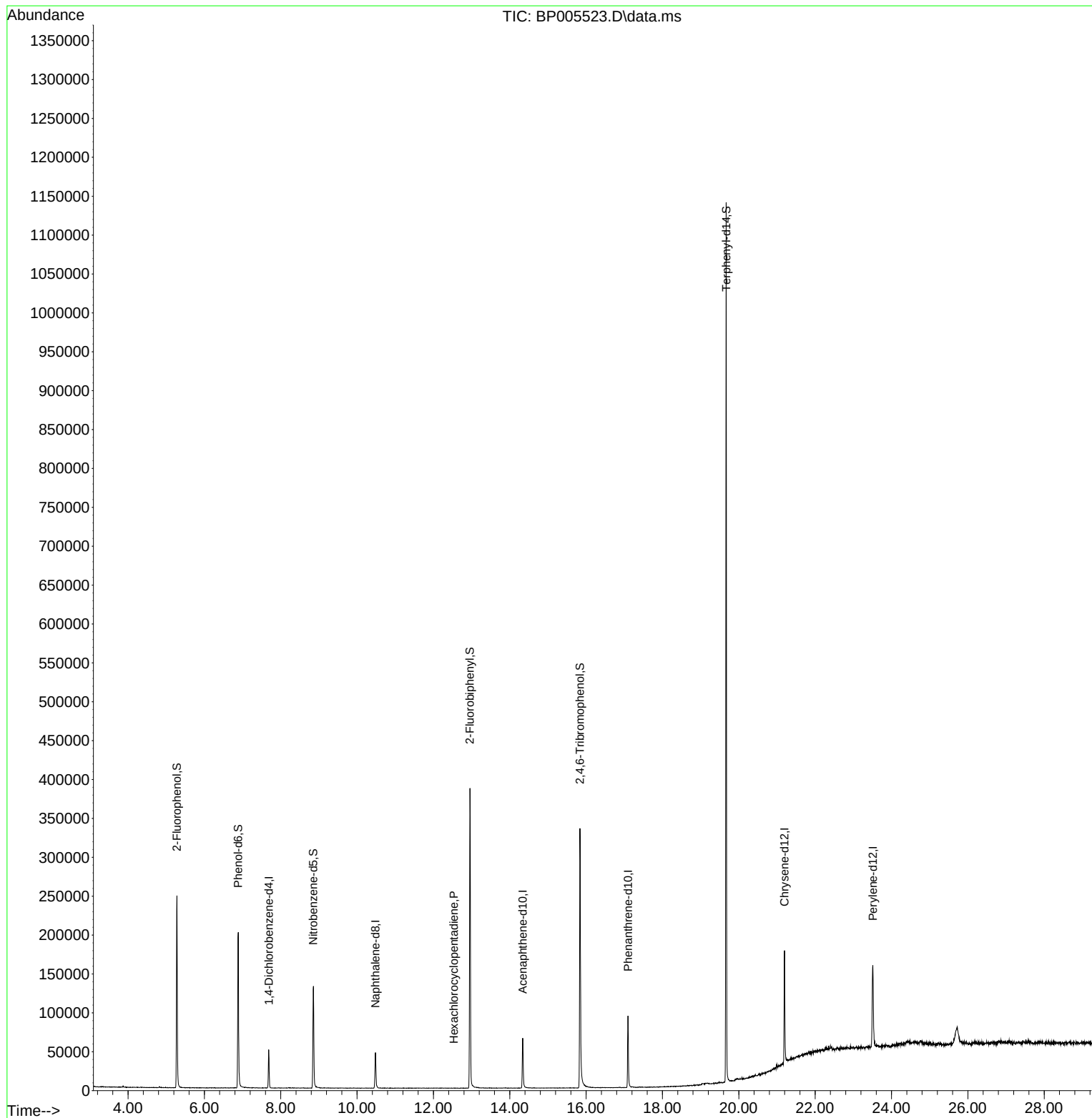
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	9623	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	29749	20.00	ng	#-0.01
39) Acenaphthene-d10	14.340	164	23103	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	56340	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	74255	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	93017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	73135	145.85	ng	0.00
7) Phenol-d6	6.887	99	78972	126.30	ng	0.00
23) Nitrobenzene-d5	8.852	82	69009	91.30	ng	-0.01
42) 2,4,6-Tribromophenol	15.840	330	78322	119.47	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	179038	87.42	ng	-0.01
79) Terphenyl-d14	19.669	244	425730	97.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.199	88	42	Below Cal	#	56
9) Benzaldehyde	6.793	77	38	Below Cal	#	7
41) Hexachlorocyclopentadiene	12.534	237	7	7.89	ng	90

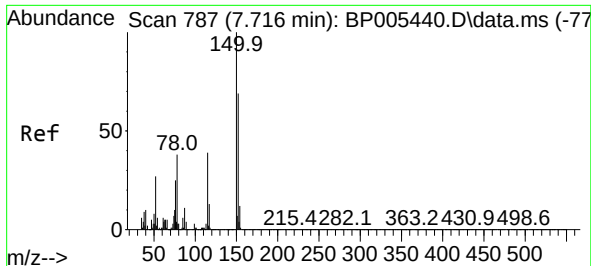
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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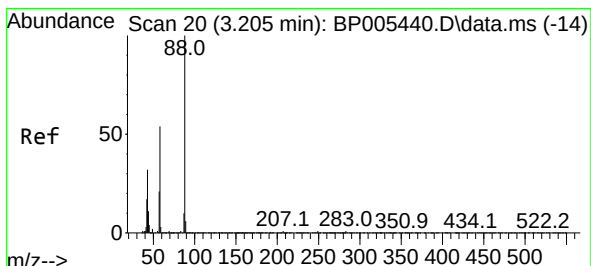
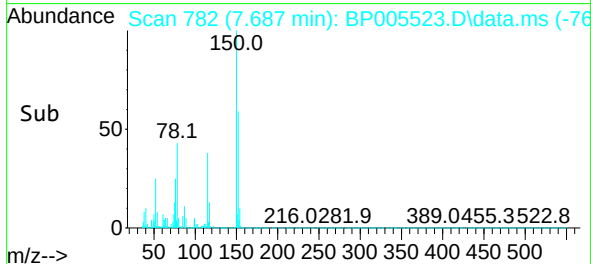
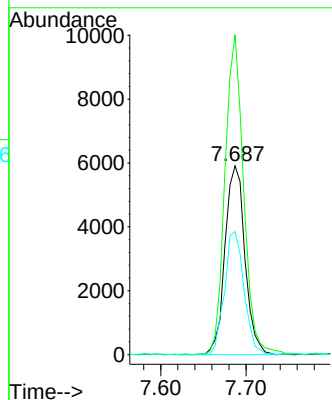
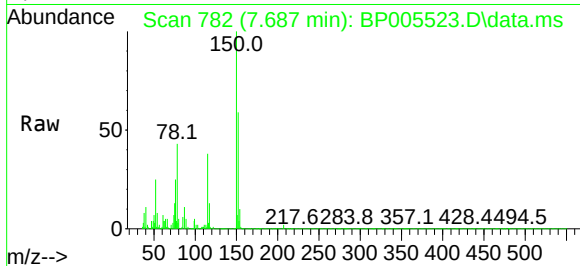




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

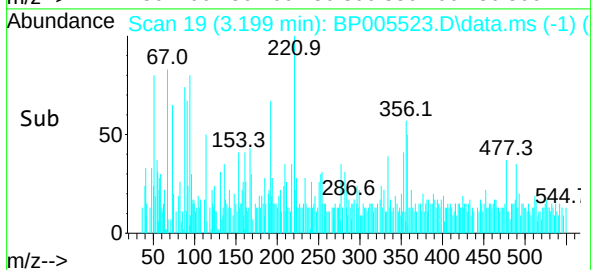
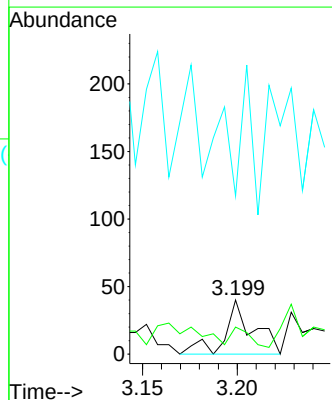
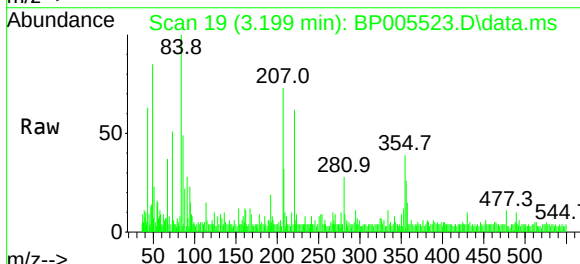
Instrument :
BNA_P
ClientSampleId :
PB136365BL

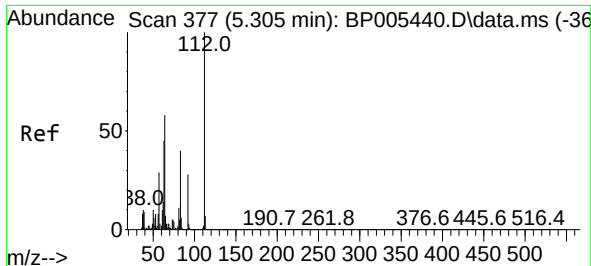
Tgt Ion:152 Resp: 9623
Ion Ratio Lower Upper
152 100
150 169.5 119.8 179.8
115 65.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.199 min Scan# 19
Delta R.T. 0.018 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
58 23.8 42.5 63.7#
43 0.0 19.8 29.8#

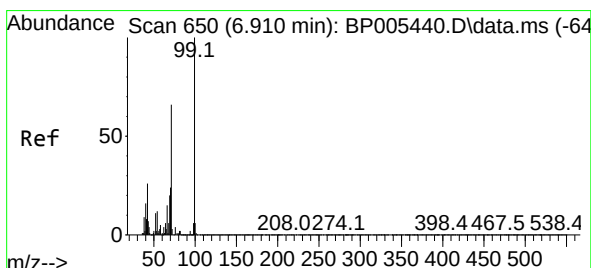
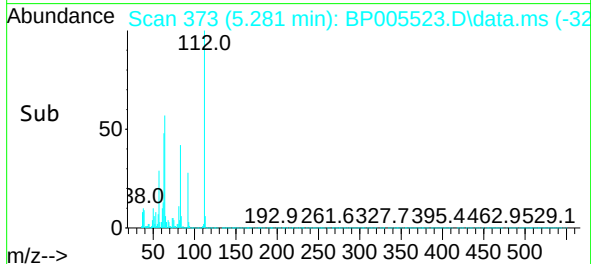
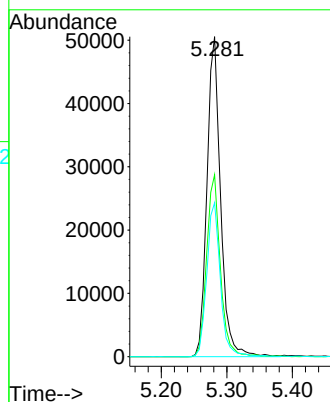
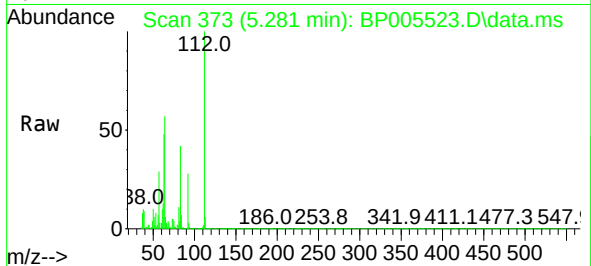




#5
2-Fluorophenol
Concen: 145.85 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

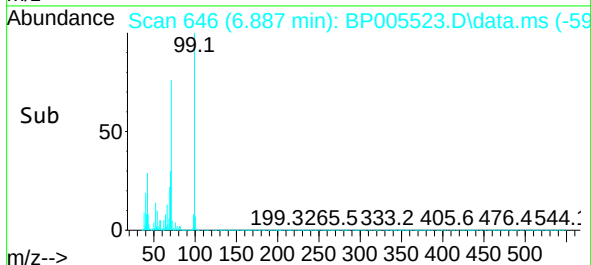
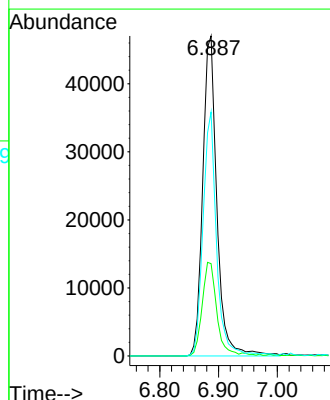
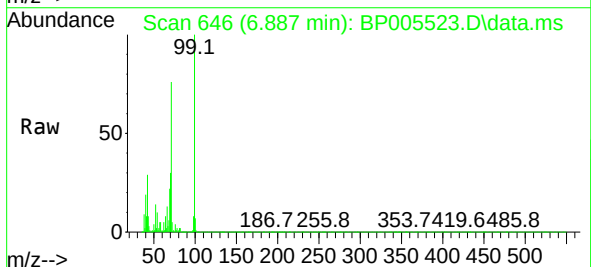
Instrument :
BNA_P
ClientSampleId :
PB136365BL

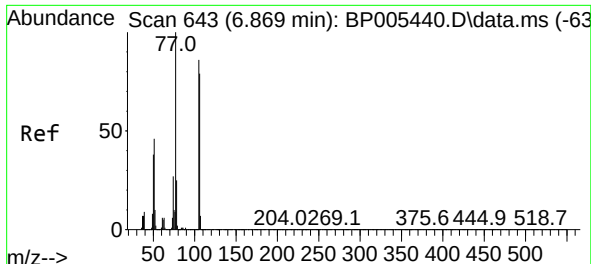
Tgt Ion:112 Resp: 73135
Ion Ratio Lower Upper
112 100
64 56.8 33.6 50.4#
63 48.1 18.6 27.8#



#7
Phenol-d6
Concen: 126.30 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

Tgt Ion: 99 Resp: 78972
Ion Ratio Lower Upper
99 100
42 28.9 12.9 19.3#
71 76.3 26.7 40.1#

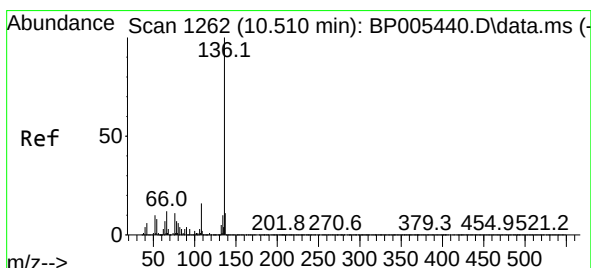
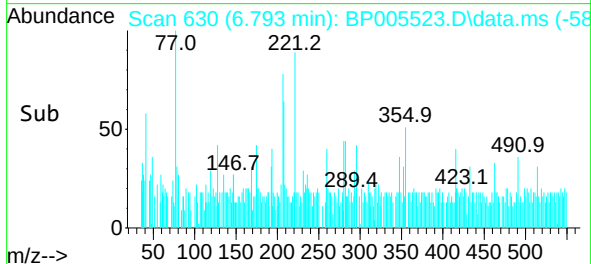
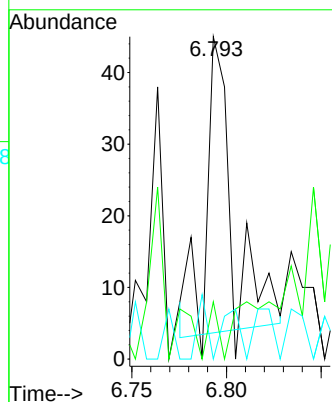
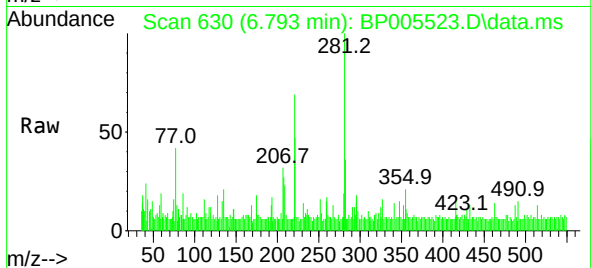




#9
Benzaldehyde
Concen: Below Cal
RT: 6.793 min Scan# 630
Delta R.T. -0.053 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

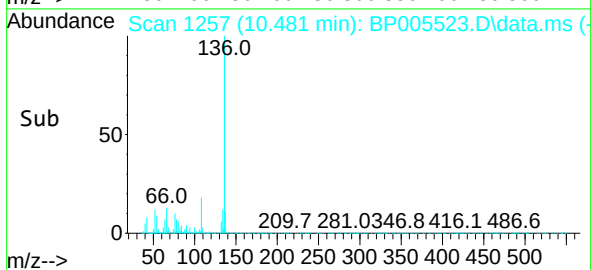
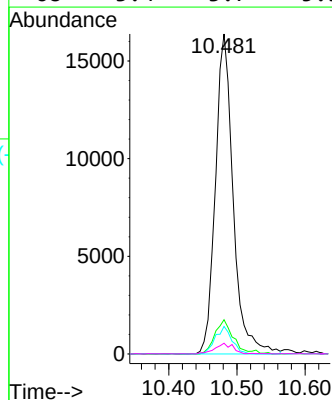
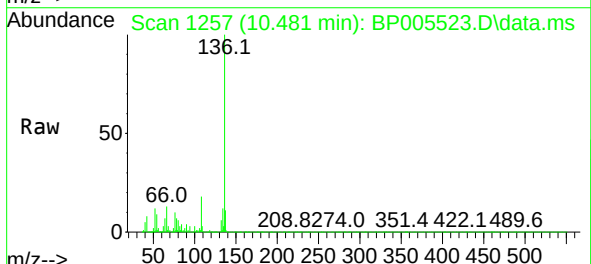
Instrument :
BNA_P
ClientSampleId :
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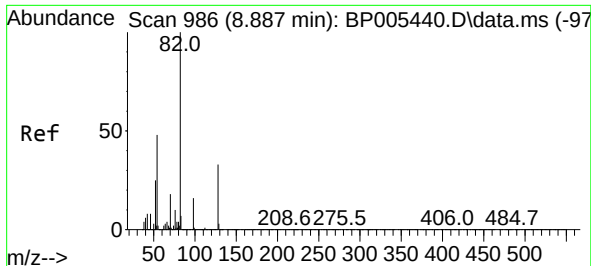
Tgt Ion: 77 Resp: 38
Ion Ratio Lower Upper
77 100
105 17.8 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

Tgt Ion: 136 Resp: 29749
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.6 5.0 7.4#
68 3.4 3.7 5.5#

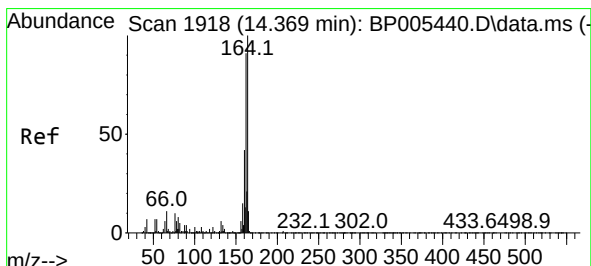
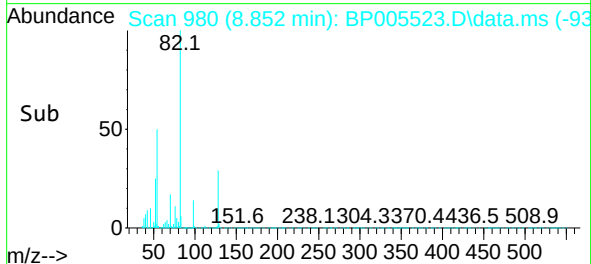
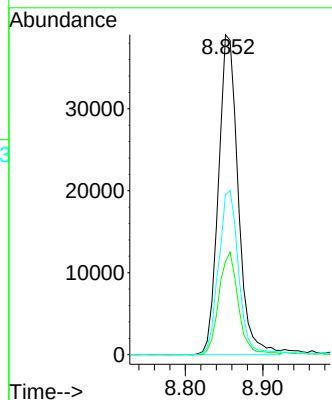
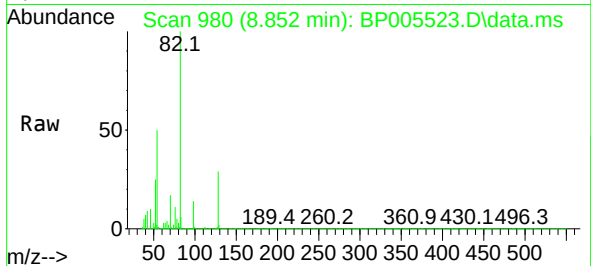




#23
Nitrobenzene-d5
Concen: 91.30 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.012 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

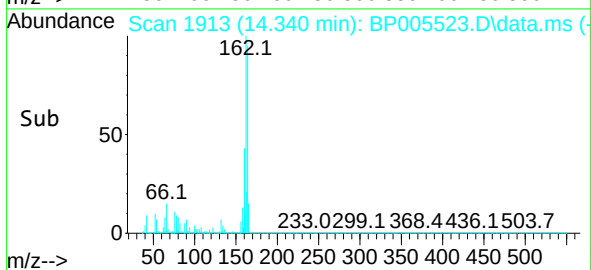
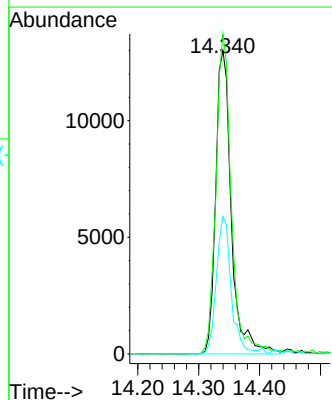
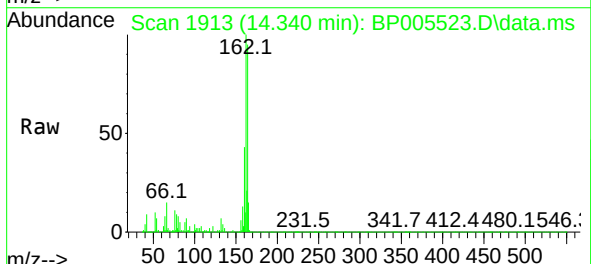
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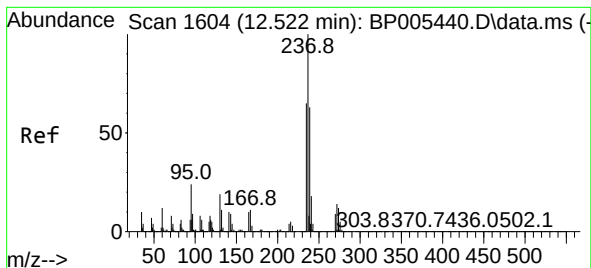
Tgt Ion: 82 Resp: 69009
Ion Ratio Lower Upper
82 100
128 29.1 30.5 45.7#
54 49.9 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

Tgt Ion: 164 Resp: 23103
Ion Ratio Lower Upper
164 100
162 105.5 73.5 110.3
160 45.3 40.6 61.0



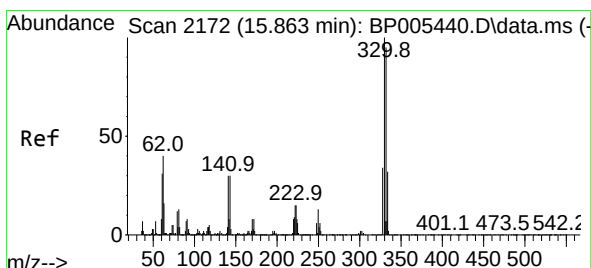
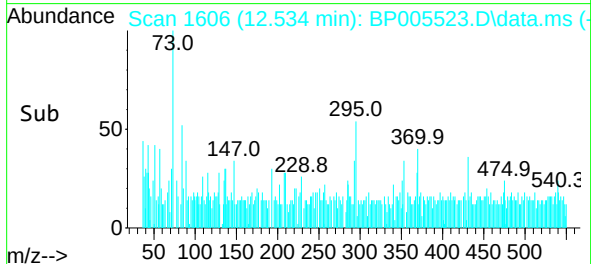
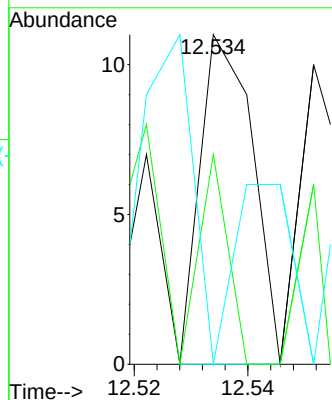
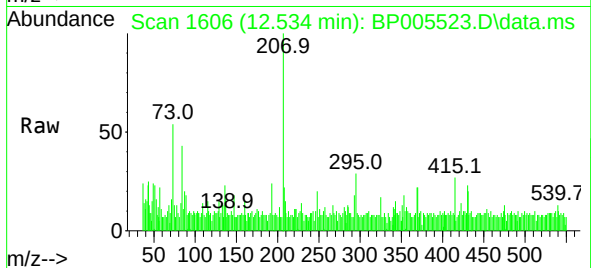


#41

Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.534 min Scan# 1606
Delta R.T. 0.035 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

Instrument :
BNA_P
ClientSampleId :
PB136365BL

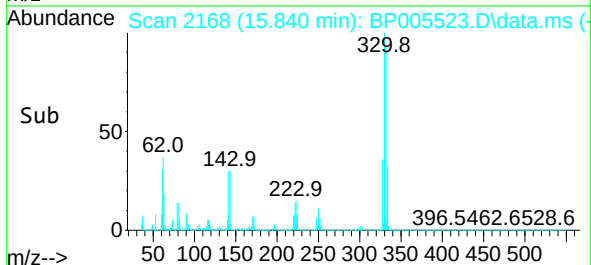
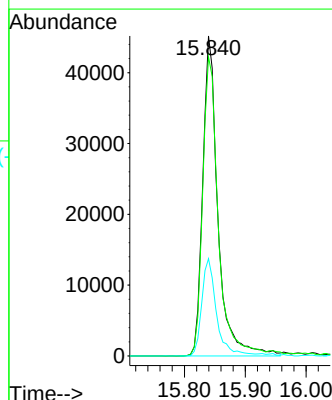
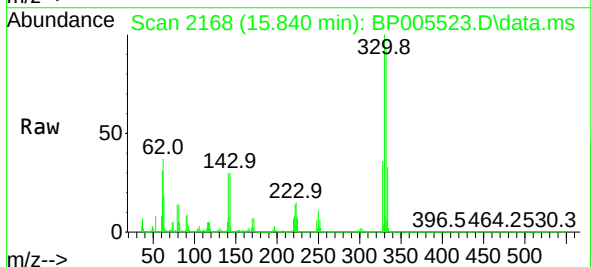
Tgt Ion:237	Resp:	7
Ion Ratio	Lower	Upper
237	100	
235	63.6	40.9 80.9
272	0.0	0.0 34.6

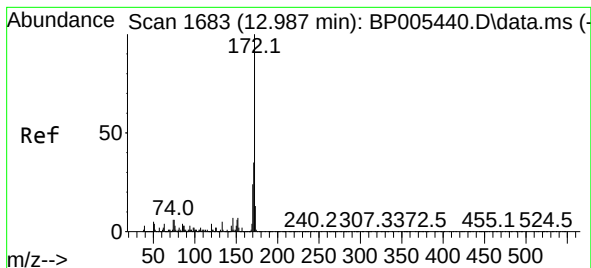


#42

2,4,6-Tribromophenol
Concen: 119.47 ng
RT: 15.840 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

Tgt Ion:330	Resp:	78322
Ion Ratio	Lower	Upper
330	100	
332	95.8	76.3 114.5
141	29.3	22.8 34.2

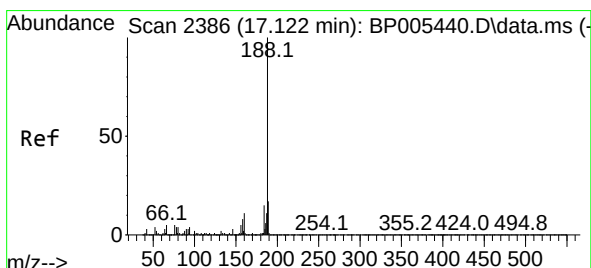
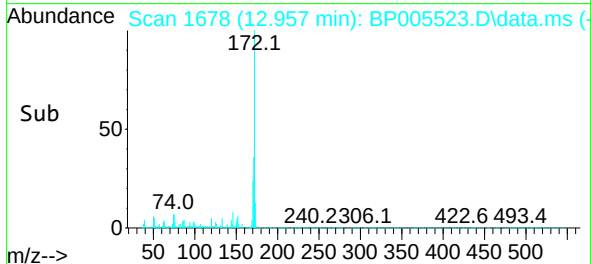
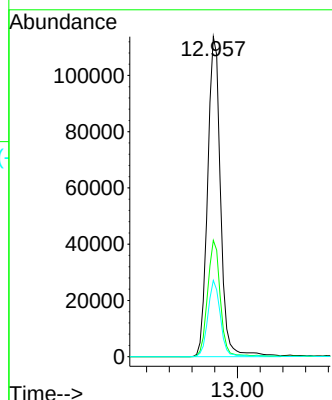
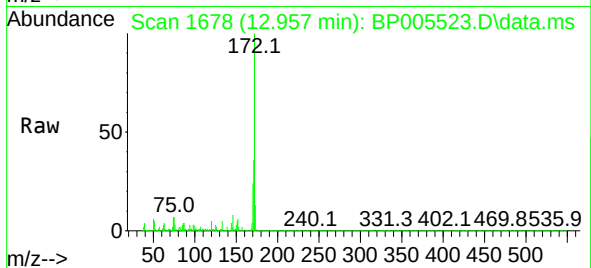




#45
2-Fluorobiphenyl
Concen: 87.42 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

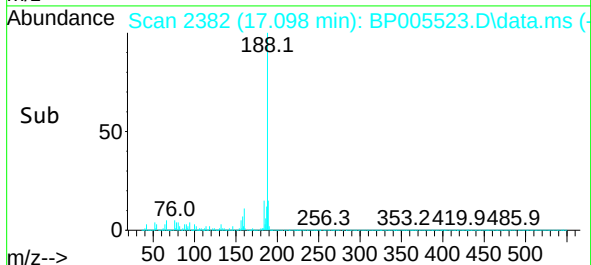
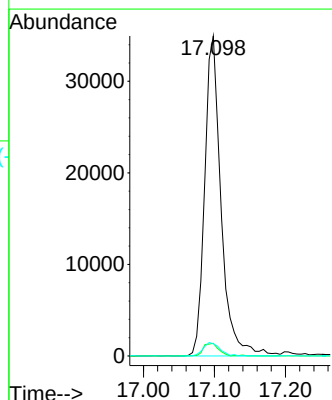
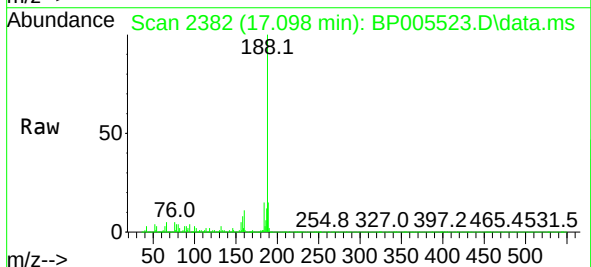
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BNA_P
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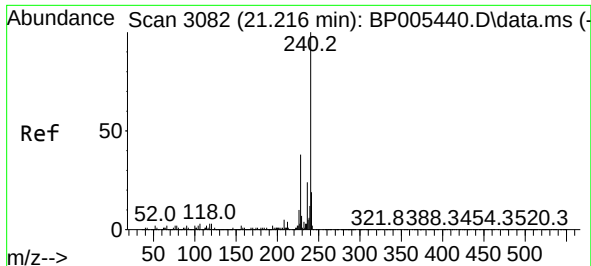
Tgt Ion:172 Resp: 179038
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.9 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

Tgt Ion:188 Resp: 56340
Ion Ratio Lower Upper
188 100
94 3.9 5.0 7.6#
80 3.9 5.9 8.9#

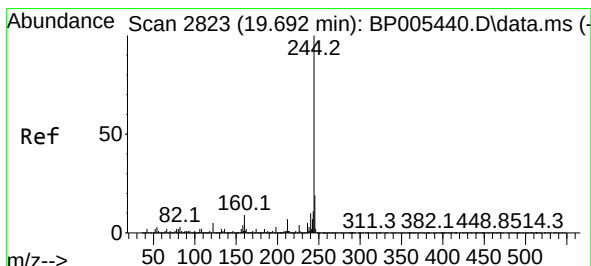
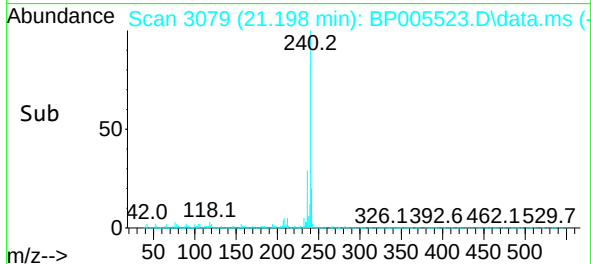
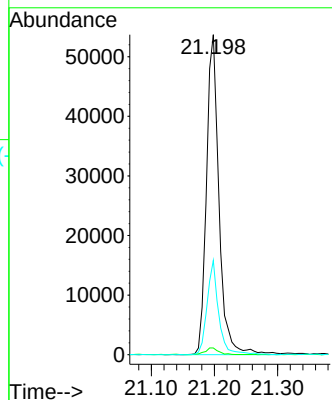
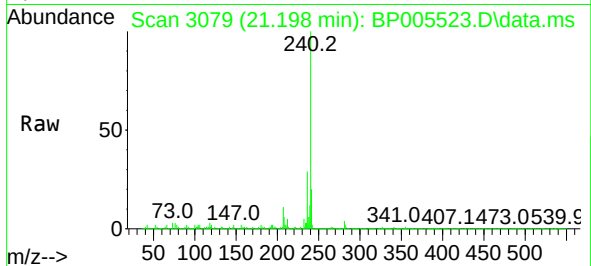




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

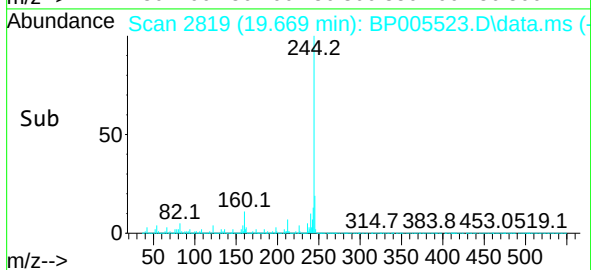
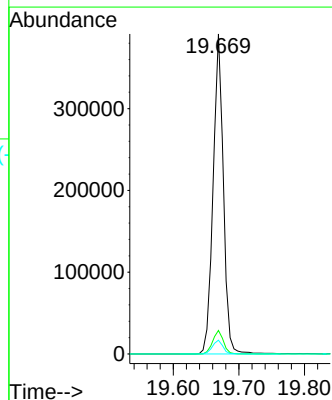
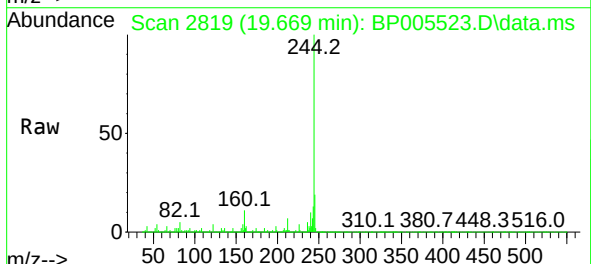
Instrument :
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PB136365BL

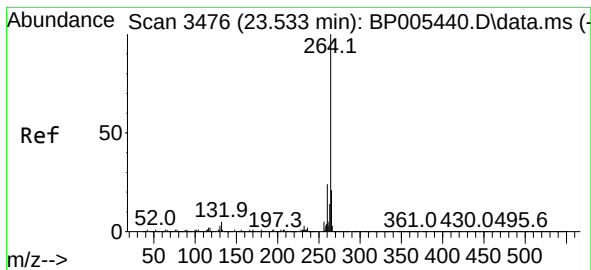
Tgt Ion:240 Resp: 74255
Ion Ratio Lower Upper
240 100
120 2.1 4.2 6.2#
236 29.4 20.2 30.2



#79
Terphenyl-d14
Concen: 97.37 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005523.D
Acq: 13 May 2021 17:09

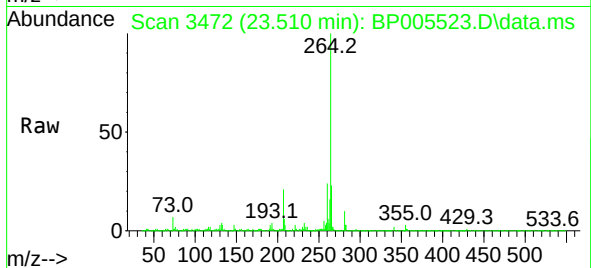
Tgt Ion:244 Resp: 425730
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.3 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.510 min Scan# 3472
 Delta R.T. 0.006 min
 Lab File: BP005523.D
 Acq: 13 May 2021 17:09

Instrument :
 BNA_P
 ClientSampleId :
 PB136365BL



Tgt Ion:	264	Resp:	93017
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.6	30.8
265	23.3	19.0	28.6

