

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
 Data File : BP005607.D
 Acq On : 19 May 2021 12:12
 Operator : CG/JU
 Sample : PB136517BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136517BL

Quant Time: May 19 13:20:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

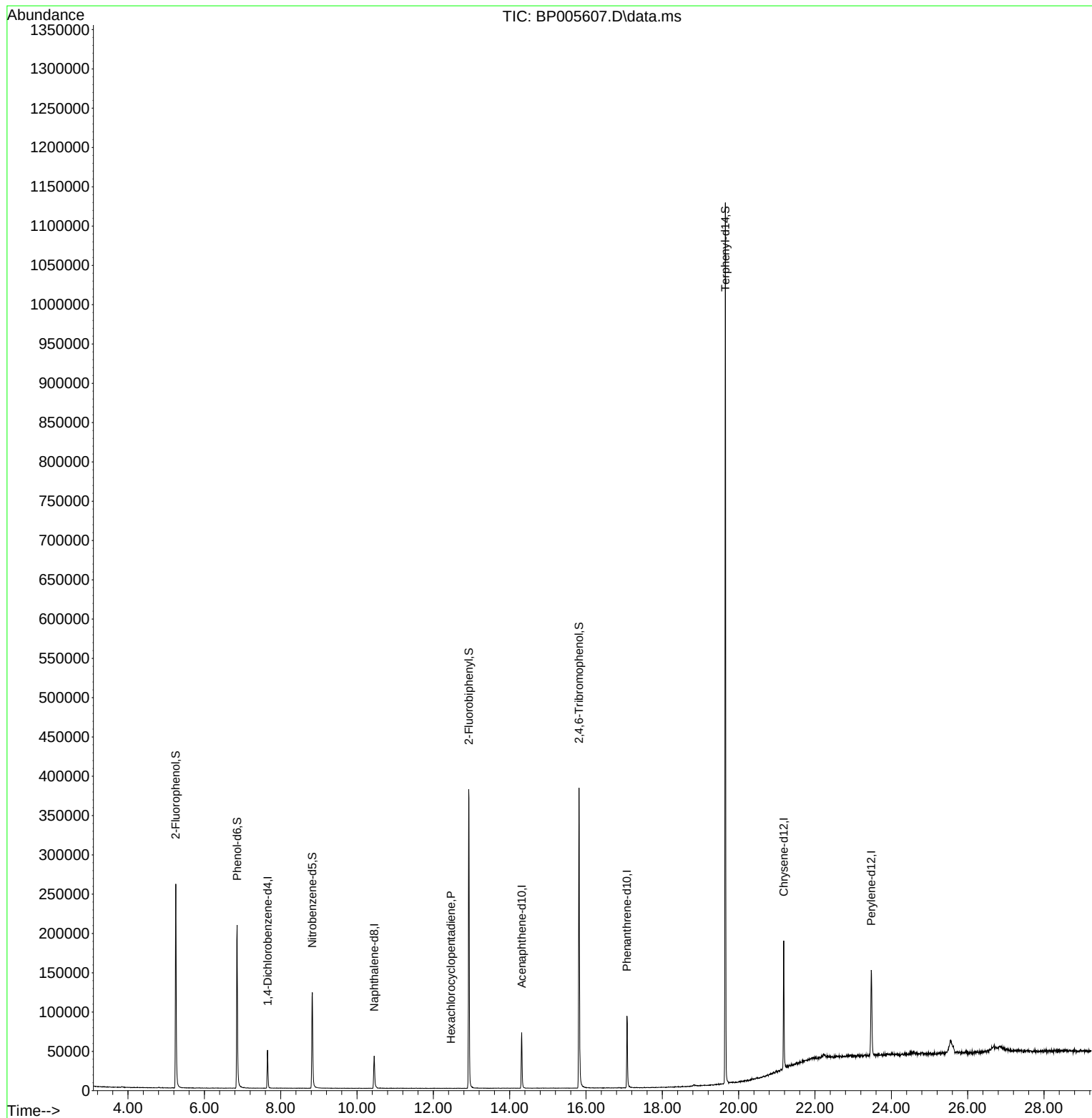
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	9653	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	28877	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	22138	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	53388	20.00	ng	# 0.00
76) Chrysene-d12	21.180	240	79969	20.00	ng	# 0.00
86) Perylene-d12	23.474	264	89380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	83478	165.96	ng	0.00
7) Phenol-d6	6.858	99	81618	130.13	ng	0.00
23) Nitrobenzene-d5	8.828	82	66943	91.24	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	76762	122.19	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	162996	83.05	ng	0.00
79) Terphenyl-d14	19.651	244	439573	93.35	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	9	Below Cal	#	1
9) Benzaldehyde	6.799	77	31	Below Cal	#	25
41) Hexachlorocyclopentadiene	12.463	237	17	7.91	ng	73

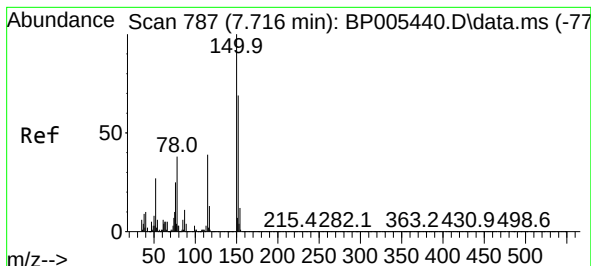
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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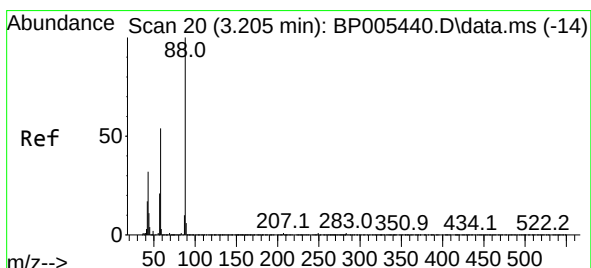
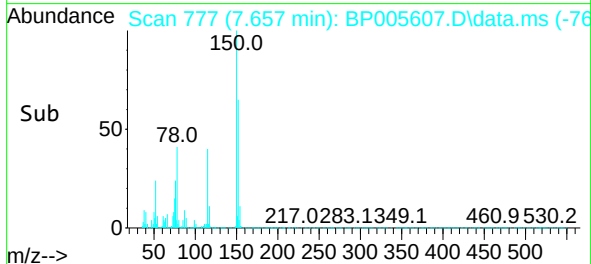
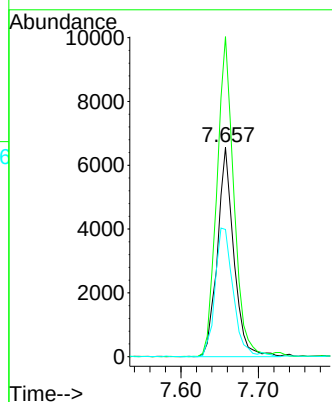
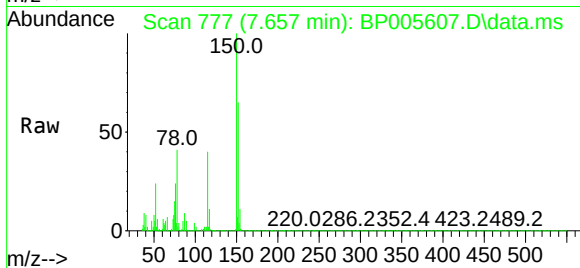




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.657 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: BP005607.D
 Acq: 19 May 2021 12:12

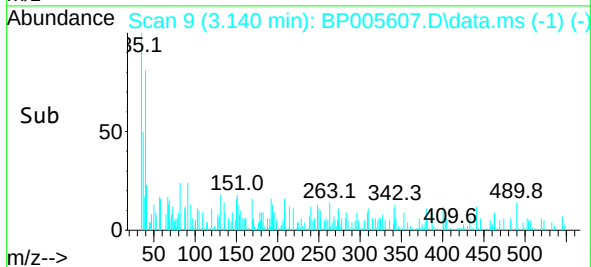
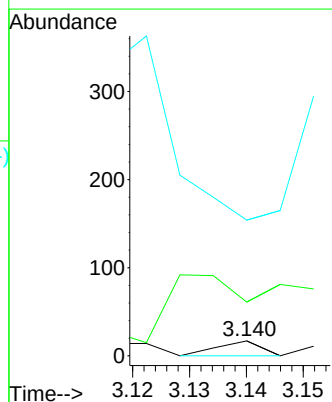
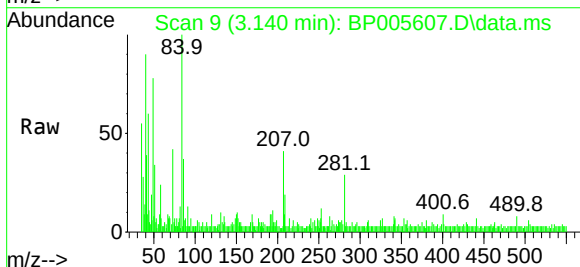
Instrument :
 BNA_P
 ClientSampleId :
 PB136517BL

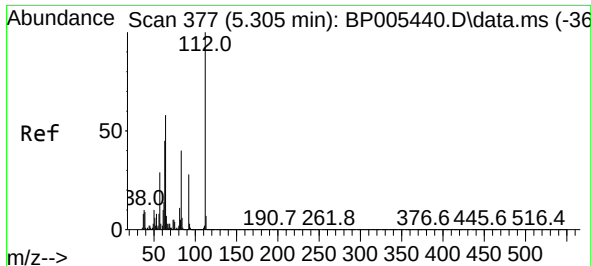
Tgt Ion:152 Resp: 9653
 Ion Ratio Lower Upper
 152 100
 150 152.9 119.8 179.8
 115 60.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.140 min Scan# 9
 Delta R.T. -0.006 min
 Lab File: BP005607.D
 Acq: 19 May 2021 12:12

Tgt Ion: 88 Resp: 9
 Ion Ratio Lower Upper
 88 100
 58 1566.7 42.5 63.7#
 43 1833.3 19.8 29.8#

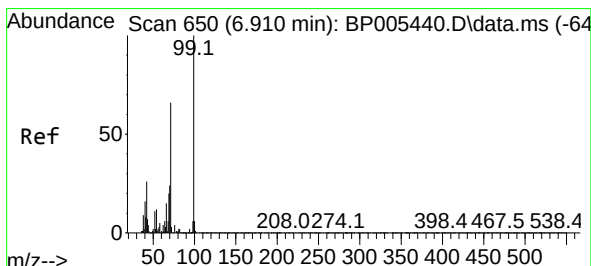
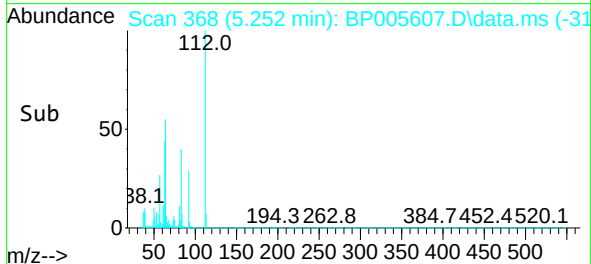
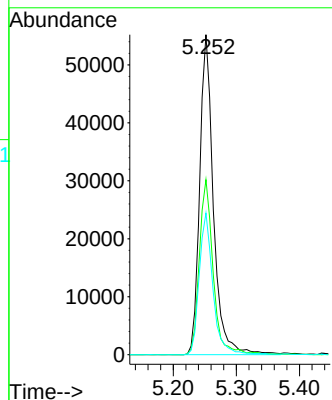
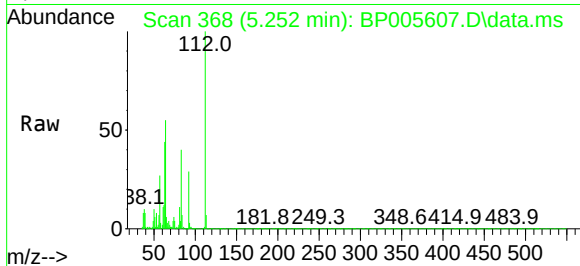




#5
2-Fluorophenol
Concen: 165.96 ng
RT: 5.252 min Scan# 368
Delta R.T. -0.006 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

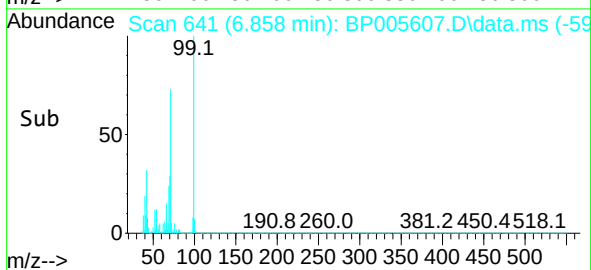
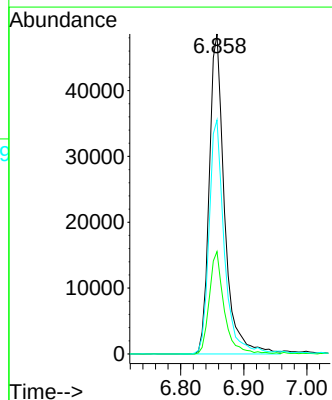
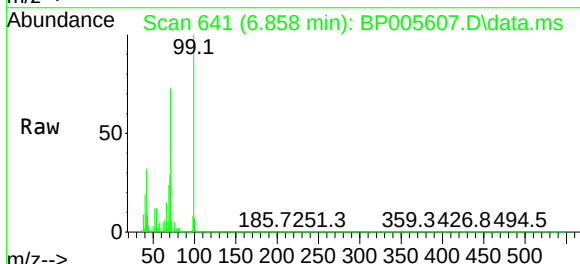
Instrument :
BNA_P
ClientSampleId :
PB136517BL

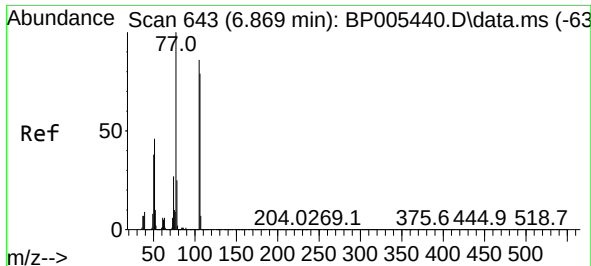
Tgt Ion:112 Resp: 83478
Ion Ratio Lower Upper
112 100
64 54.7 33.6 50.4#
63 44.2 18.6 27.8#



#7
Phenol-d6
Concen: 130.13 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.006 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

Tgt Ion: 99 Resp: 81618
Ion Ratio Lower Upper
99 100
42 32.0 12.9 19.3#
71 73.1 26.7 40.1#

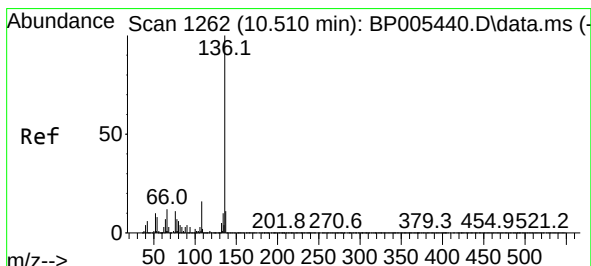
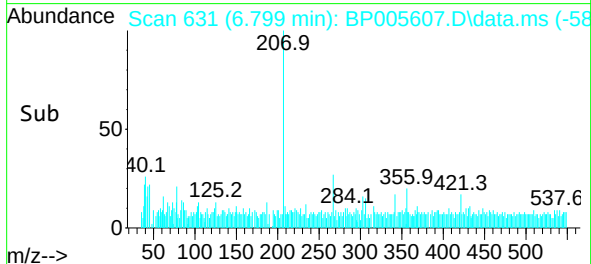
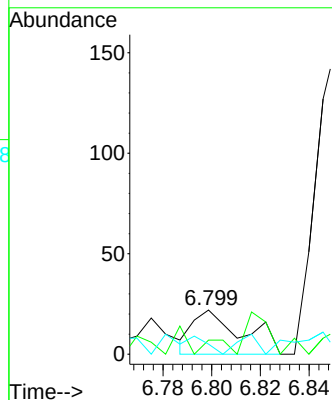
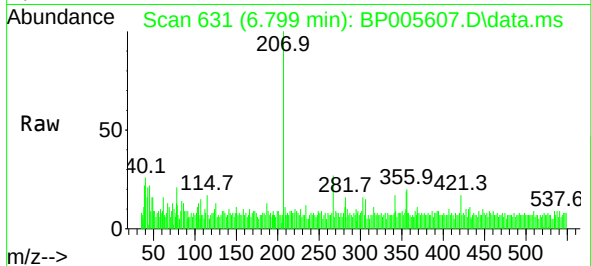




#9
Benzaldehyde
Concen: Below Cal
RT: 6.799 min Scan# 631
Delta R.T. -0.018 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

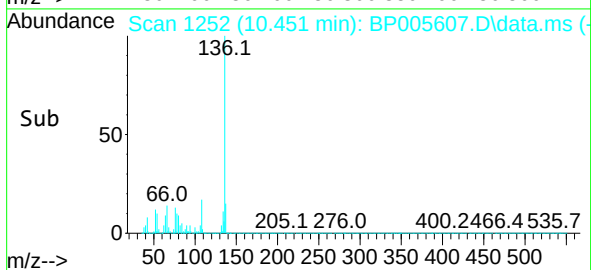
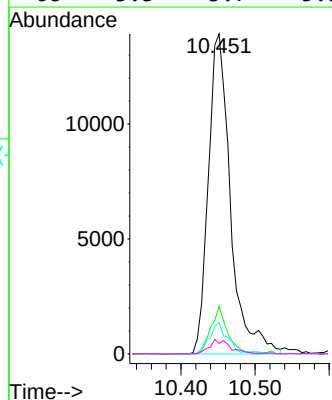
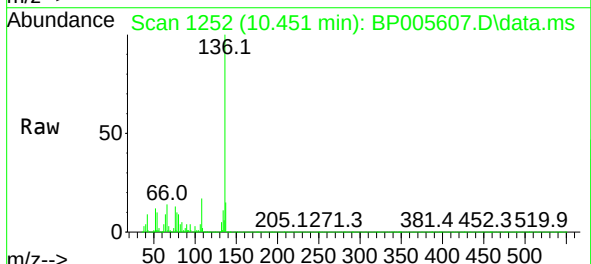
Instrument :
BNA_P
ClientSampleId :
PB136517BL

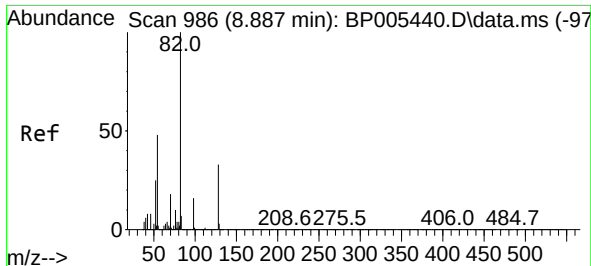
Tgt Ion: 77 Resp: 31
Ion Ratio Lower Upper
77 100
105 31.8 89.4 129.4#
106 22.7 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

Tgt Ion: 136 Resp: 28877
Ion Ratio Lower Upper
136 100
137 14.9 8.9 13.3#
54 9.8 5.0 7.4#
68 3.3 3.7 5.5#

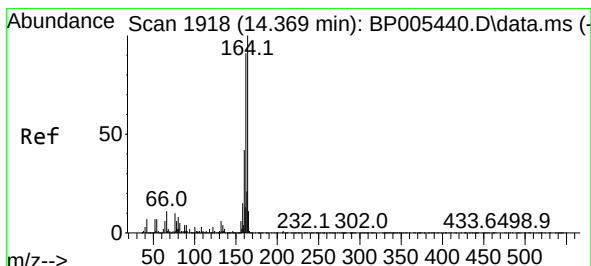
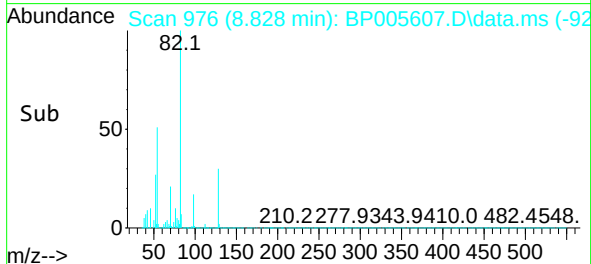
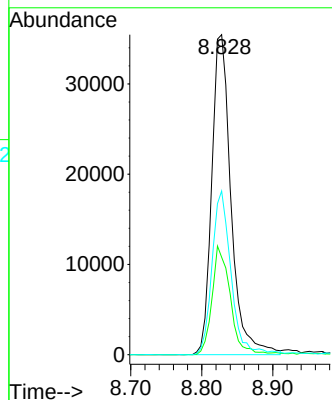
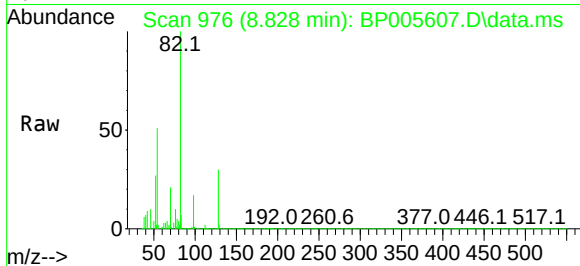




#23
Nitrobenzene-d5
Concen: 91.24 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

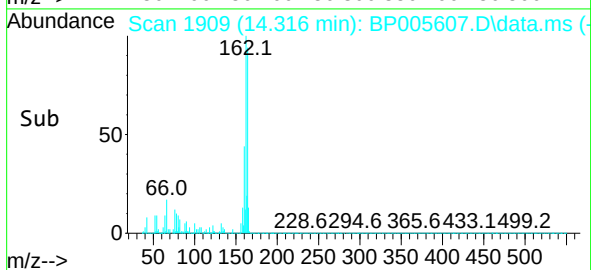
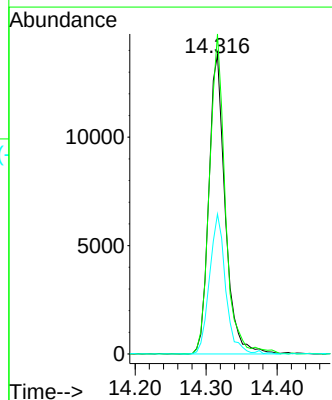
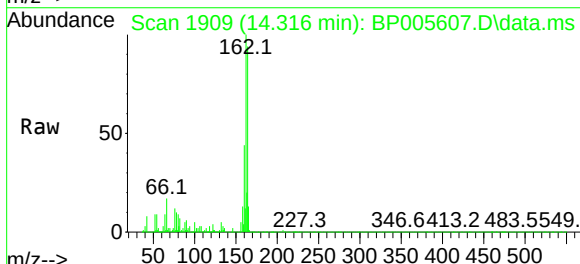
Instrument :
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ClientSampleId :
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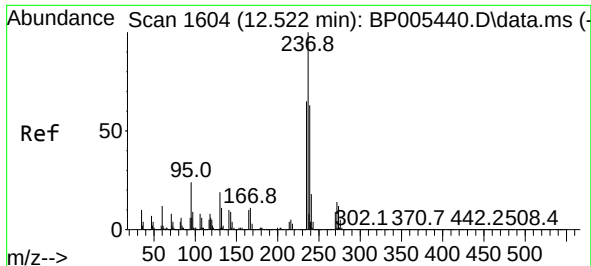
Tgt Ion: 82 Resp: 66943
Ion Ratio Lower Upper
82 100
128 30.5 30.5 45.7#
54 51.2 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

Tgt Ion: 164 Resp: 22138
Ion Ratio Lower Upper
164 100
162 106.9 73.5 110.3
160 46.7 40.6 61.0

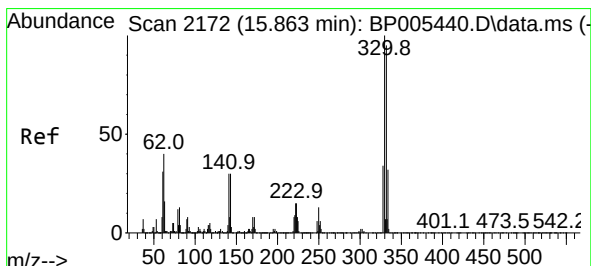
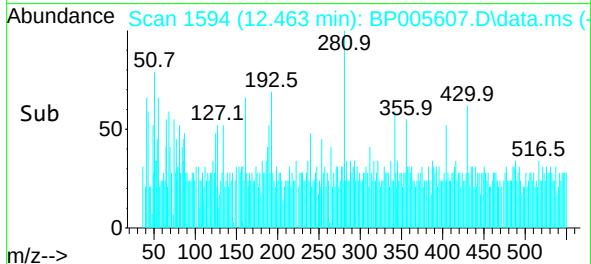
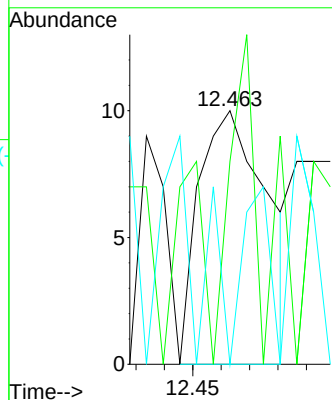
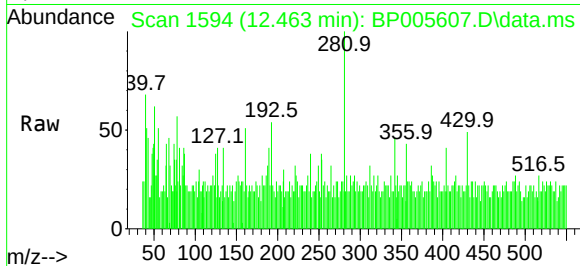




#41
Hexachlorocyclopentadiene
Concen: 7.91 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

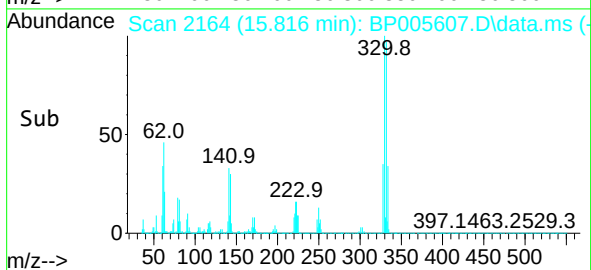
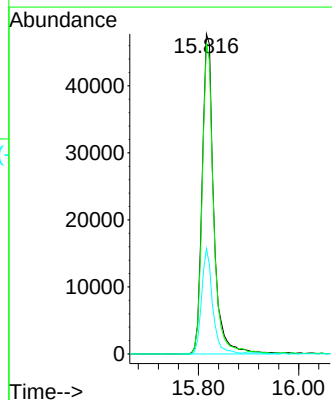
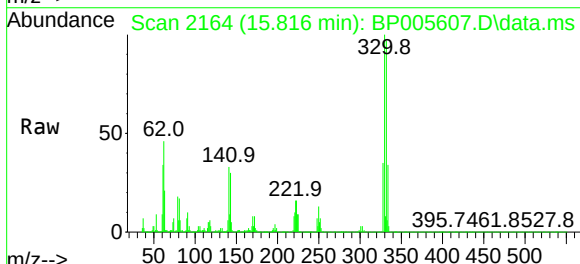
Instrument :
BNA_P
ClientSampled :
PB136517BL

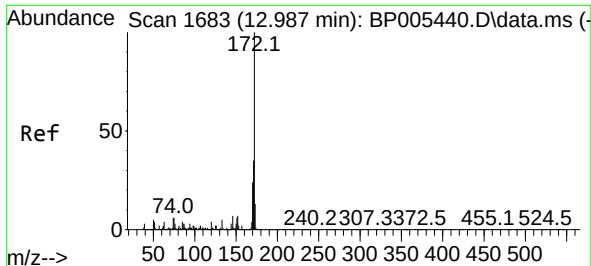
Tgt Ion:237	Resp:	17
Ion Ratio	Lower	Upper
237	100	
235	80.0	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 122.19 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

Tgt Ion:330	Resp:	76762
Ion Ratio	Lower	Upper
330	100	
332	95.4	76.3 114.5
141	31.1	22.8 34.2

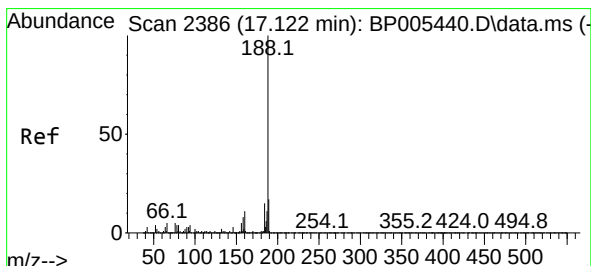
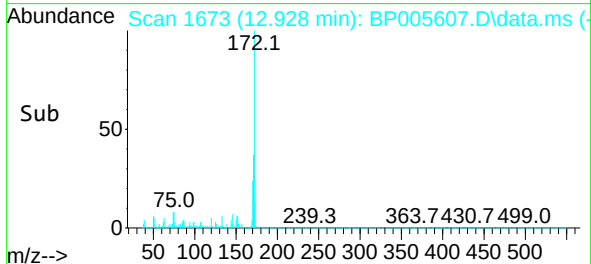
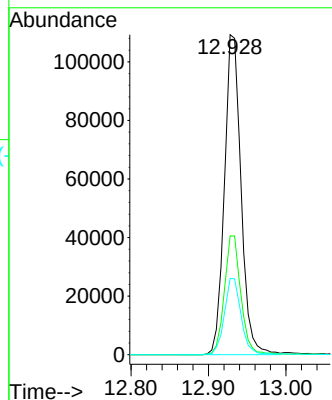
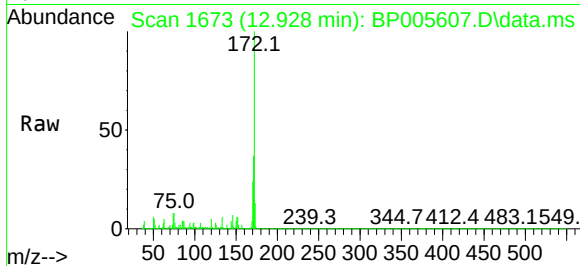




#45
2-Fluorobiphenyl
Concen: 83.05 ng
RT: 12.928 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

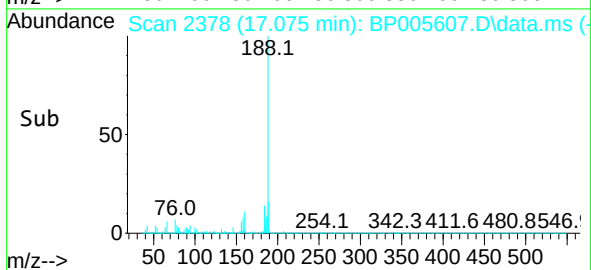
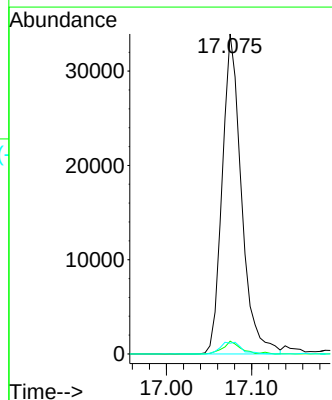
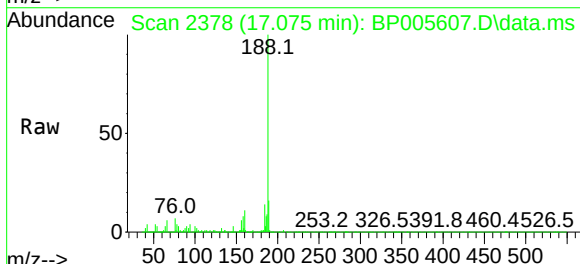
Instrument :
BNA_P
ClientSampleId :
PB136517BL

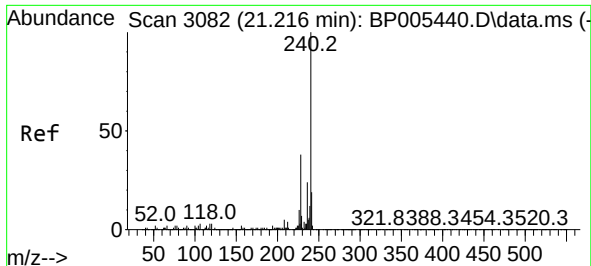
Tgt Ion:172 Resp: 162996
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.8 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

Tgt Ion:188 Resp: 53388
Ion Ratio Lower Upper
188 100
94 4.0 5.0 7.6#
80 3.4 5.9 8.9#

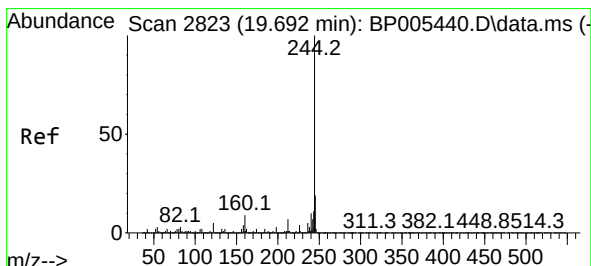
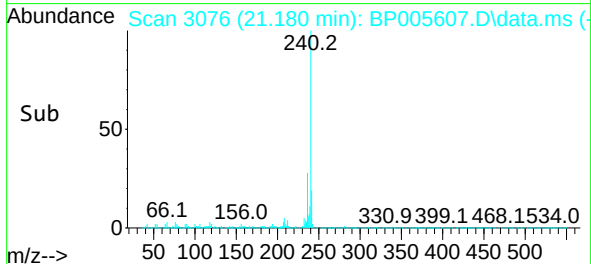
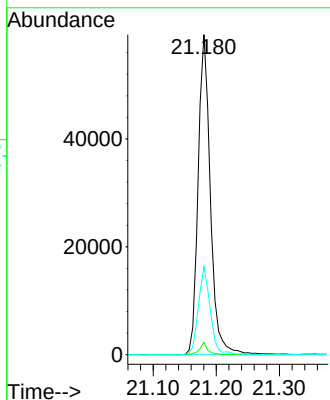
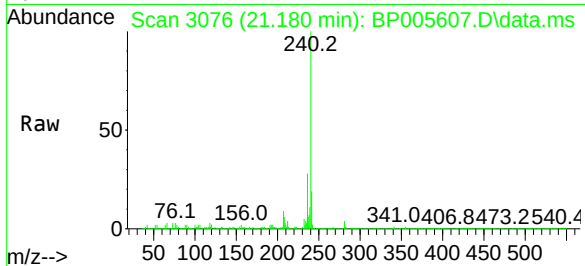




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

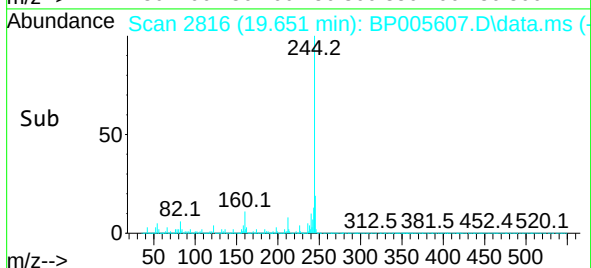
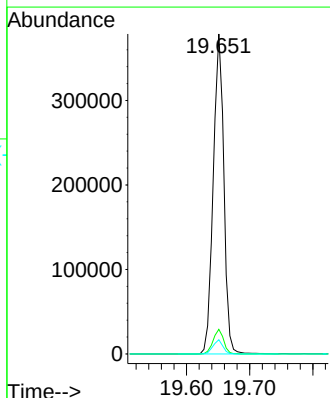
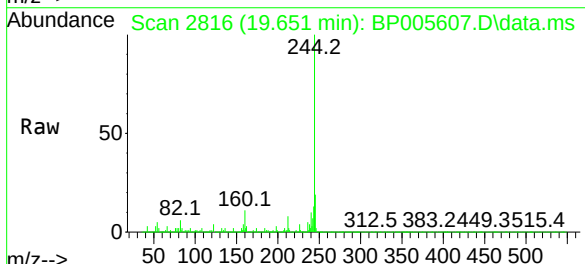
Instrument :
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PB136517BL

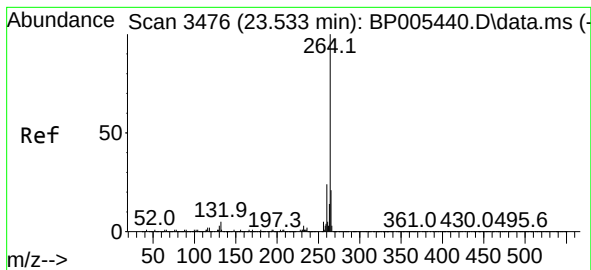
Tgt Ion:240 Resp: 79969
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 27.5 20.2 30.2



#79
Terphenyl-d14
Concen: 93.35 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP005607.D
Acq: 19 May 2021 12:12

Tgt Ion:244 Resp: 439573
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 4.5 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.474 min Scan# 3466
 Delta R.T. -0.000 min
 Lab File: BP005607.D
 Acq: 19 May 2021 12:12

Instrument :
 BNA_P
 ClientSampleId :
 PB136517BL

Tgt Ion:	264	Resp:	89380
Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.6	30.8
265	21.6	19.0	28.6

