

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
 Data File : BP005614.D
 Acq On : 19 May 2021 16:36
 Operator : CG/JU
 Sample : PB136538BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136538BL

Quant Time: May 20 03:24:37 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)

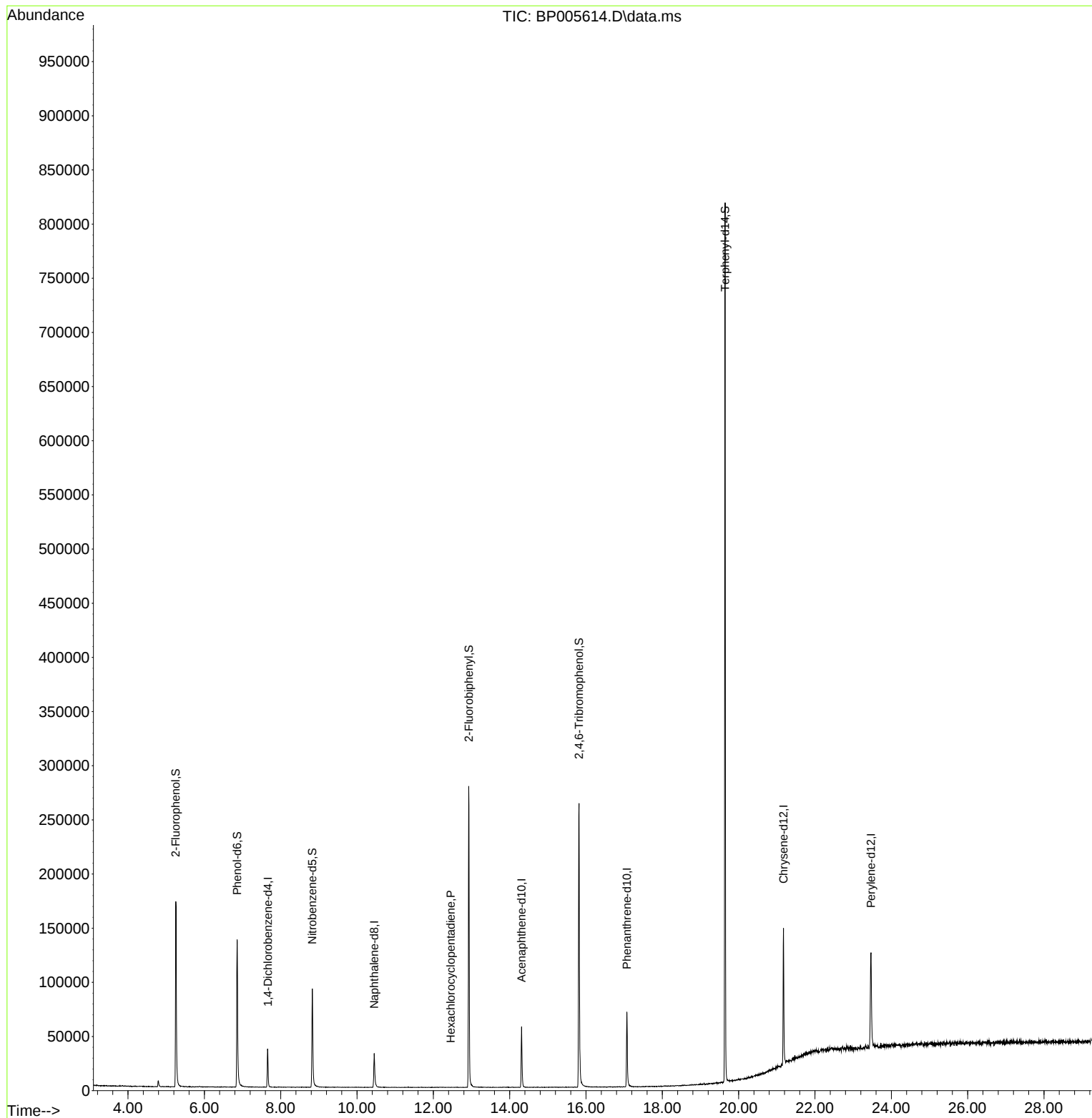
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	7332	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	21156	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	17996	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	44165	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	64889	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	73746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	55533	145.36	ng	0.00
7) Phenol-d6	6.857	99	55069	115.60	ng	0.00
23) Nitrobenzene-d5	8.828	82	48265	89.79	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	54943	107.59	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	115708	72.53	ng	0.00
79) Terphenyl-d14	19.645	244	328557	85.99	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	18	Below Cal	#	1
9) Benzaldehyde	6.781	77	20	Below Cal	#	17
41) Hexachlorocyclopentadiene	12.457	237	5	7.88	ng	78

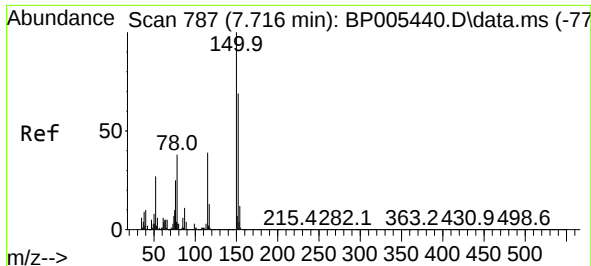
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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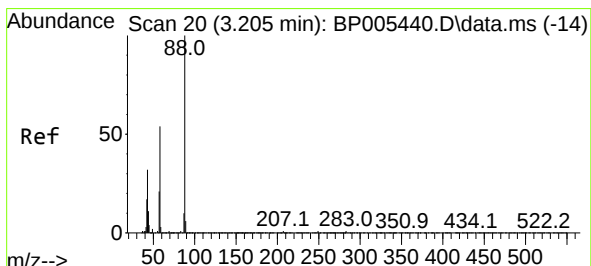
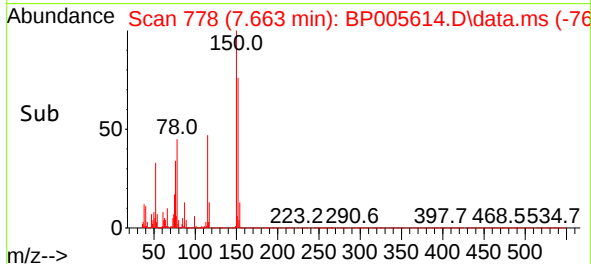
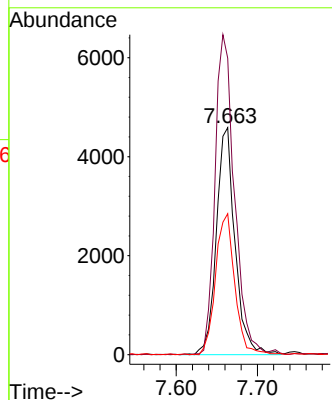
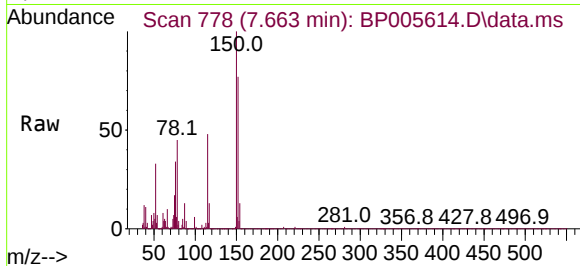




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

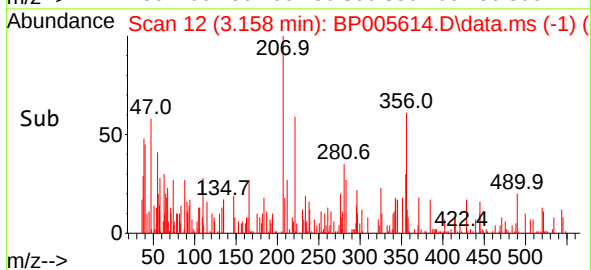
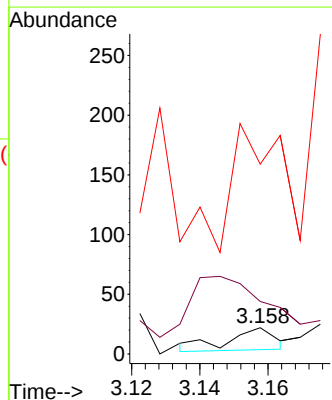
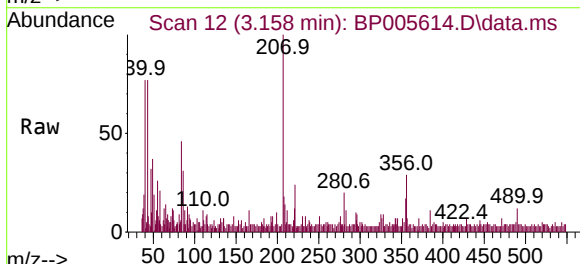
Instrument :
BNA_P
ClientSampleId :
PB136538BL

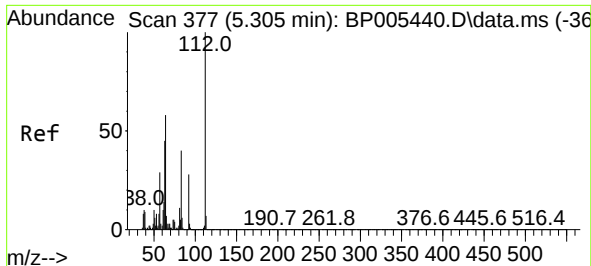
Tgt Ion:152 Resp: 7332
Ion Ratio Lower Upper
152 100
150 130.6 119.8 179.8
115 62.1 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.158 min Scan# 12
Delta R.T. 0.012 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
58 505.6 42.5 63.7#
43 577.8 19.8 29.8#

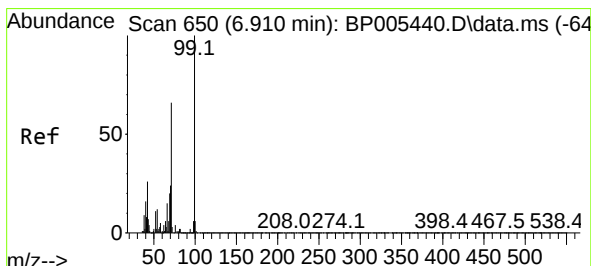
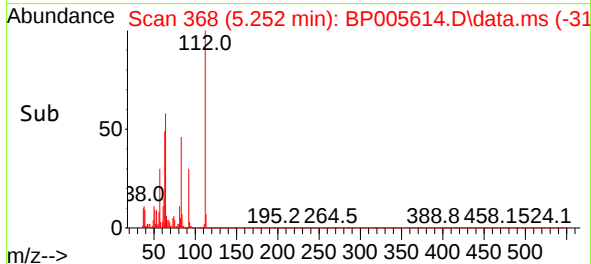
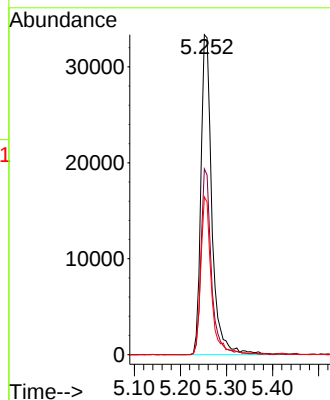
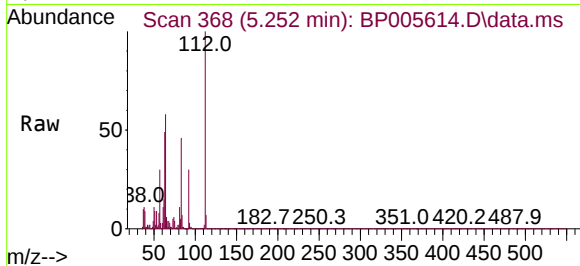




#5
2-Fluorophenol
Concen: 145.36 ng
RT: 5.252 min Scan# 368
Delta R.T. -0.006 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

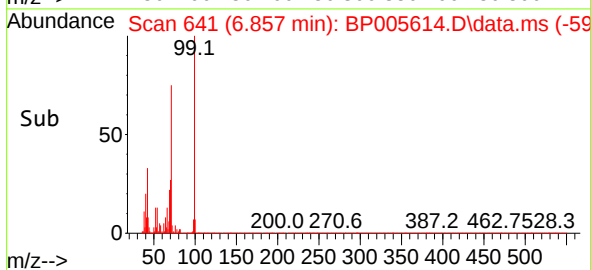
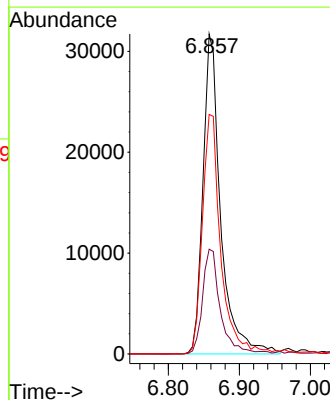
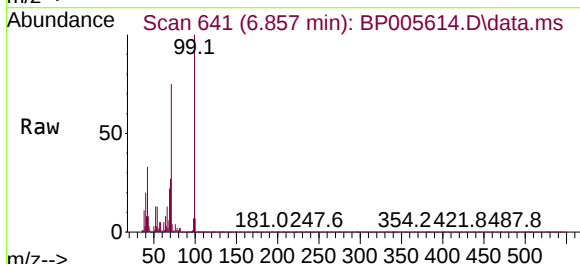
Instrument :
BNA_P
ClientSampleId :
PB136538BL

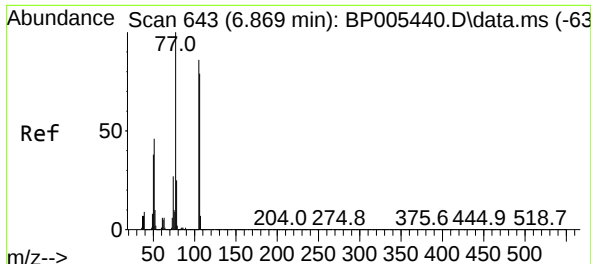
Tgt Ion:112 Resp: 55533
Ion Ratio Lower Upper
112 100
64 58.0 33.6 50.4#
63 49.3 18.6 27.8#



#7
Phenol-d6
Concen: 115.60 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.006 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

Tgt Ion: 99 Resp: 55069
Ion Ratio Lower Upper
99 100
42 32.7 12.9 19.3#
71 74.8 26.7 40.1#

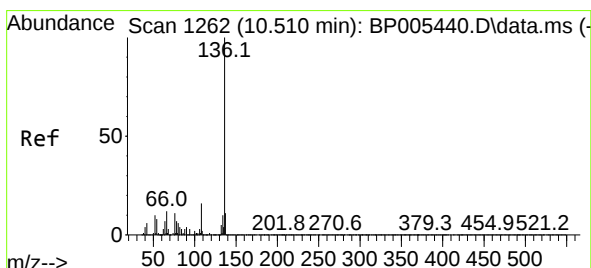
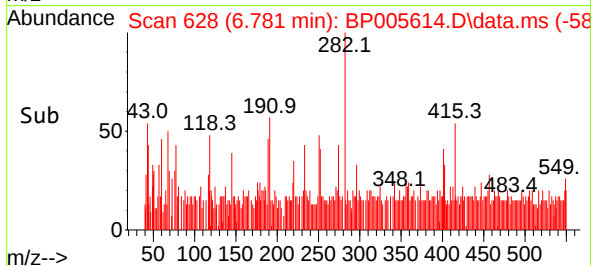
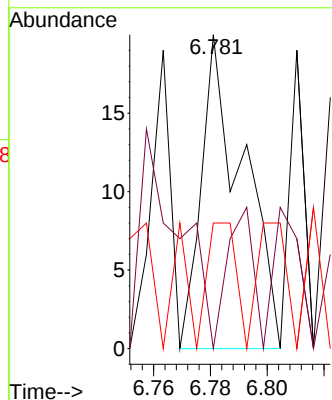
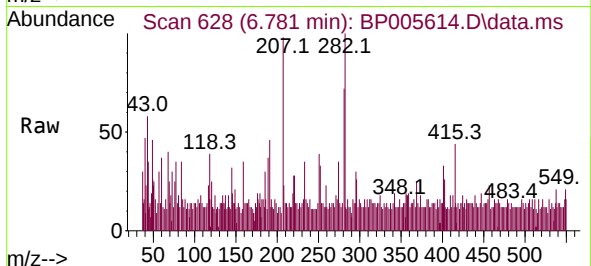




#9
Benzaldehyde
Concen: Below Cal
RT: 6.781 min Scan# 628
Delta R.T. -0.035 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

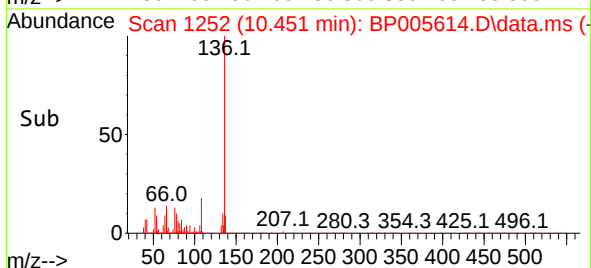
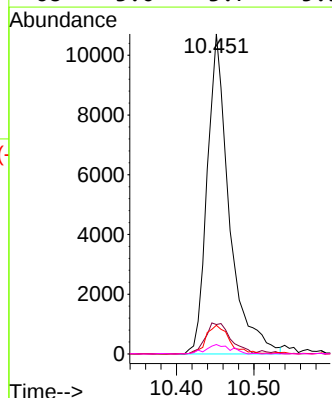
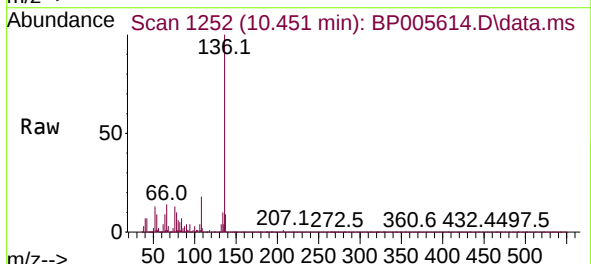
Instrument :
BNA_P
ClientSampleId :
PB136538BL

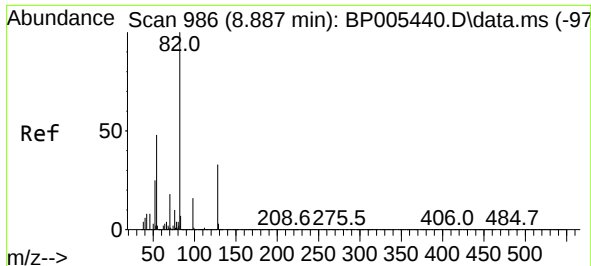
Tgt Ion: 77 Resp: 20
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 40.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

Tgt Ion: 136 Resp: 21156
Ion Ratio Lower Upper
136 100
137 9.2 8.9 13.3
54 9.0 5.0 7.4#
68 3.0 3.7 5.5#

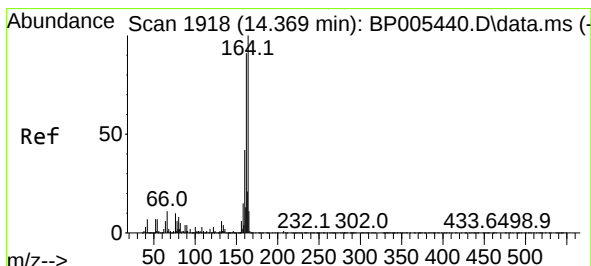
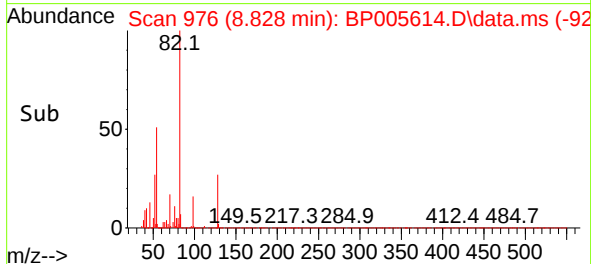
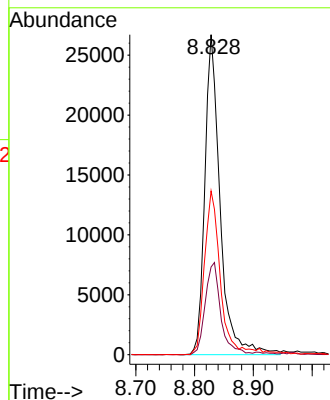
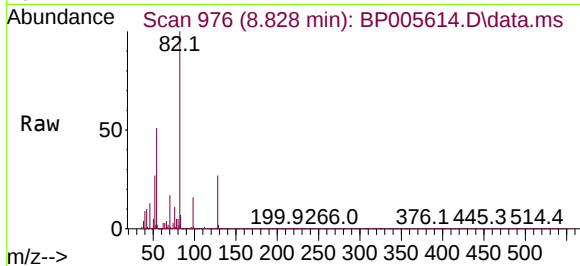




#23
Nitrobenzene-d5
Concen: 89.79 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

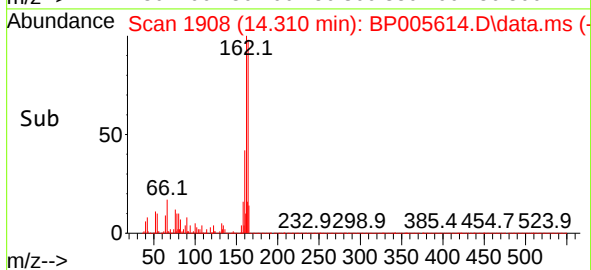
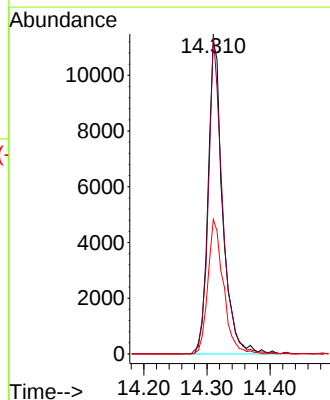
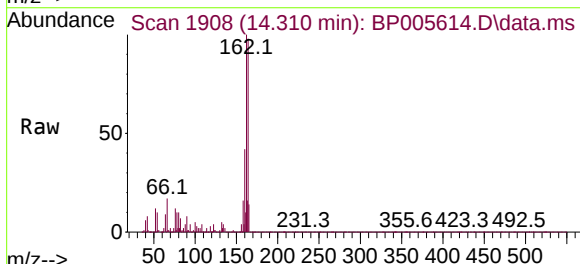
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ClientSampleId :
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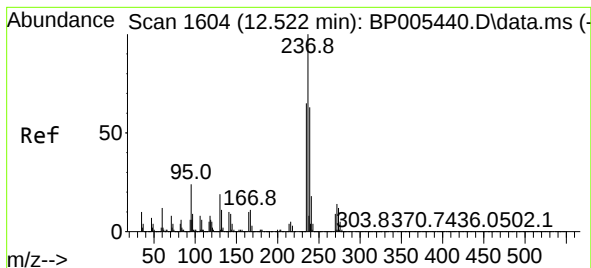
Tgt Ion: 82 Resp: 48265
Ion Ratio Lower Upper
82 100
128 27.4 30.5 45.7#
54 51.2 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

Tgt Ion: 164 Resp: 17996
Ion Ratio Lower Upper
164 100
162 102.3 73.5 110.3
160 43.0 40.6 61.0

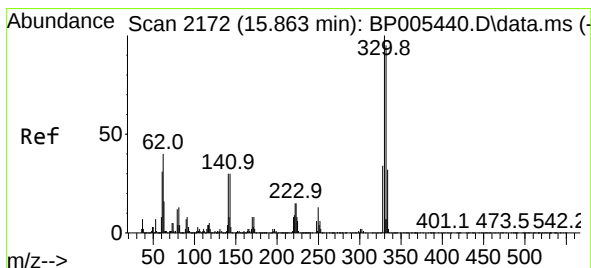
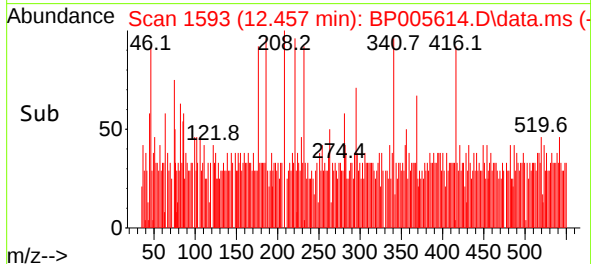
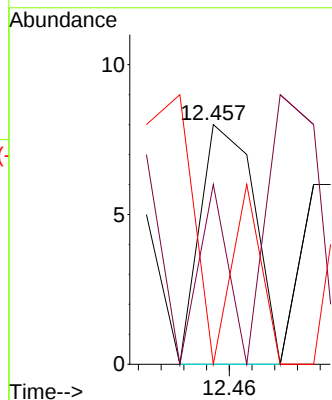
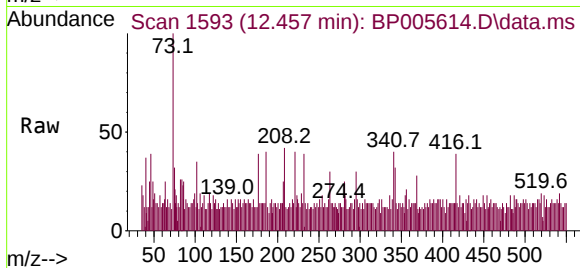




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

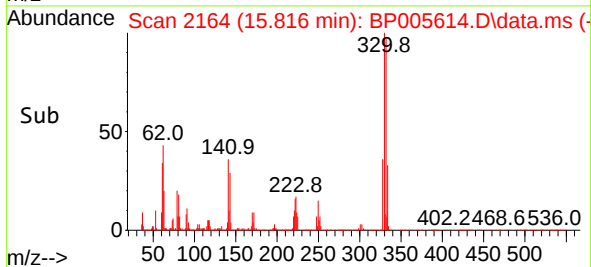
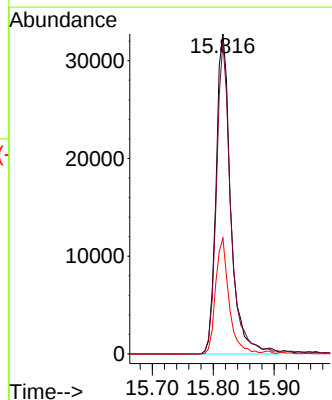
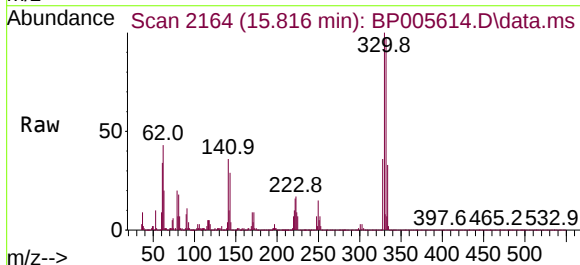
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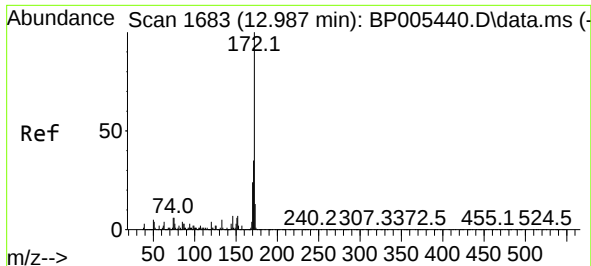
Tgt Ion:	237	Resp:	5
Ion	Ratio	Lower	Upper
237	100		
235	75.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 107.59 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

Tgt Ion:	330	Resp:	54943
Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.3	114.5
141	33.0	22.8	34.2

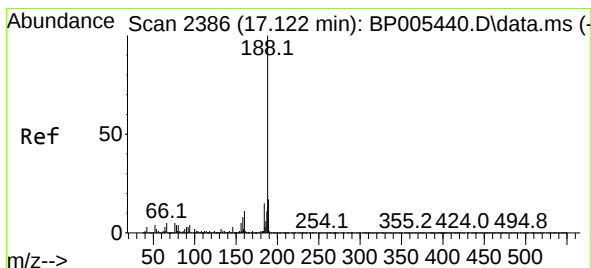
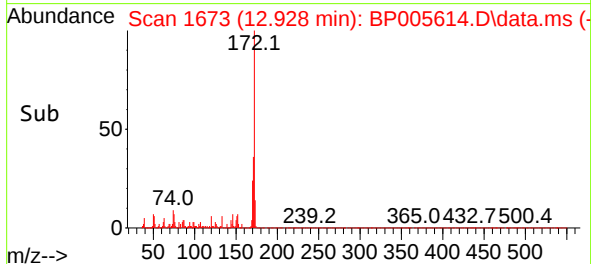
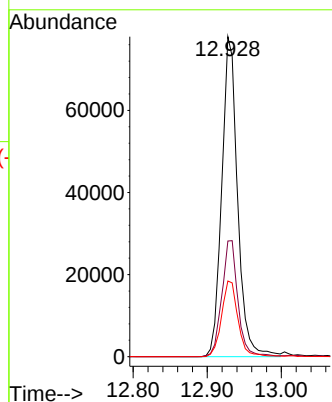
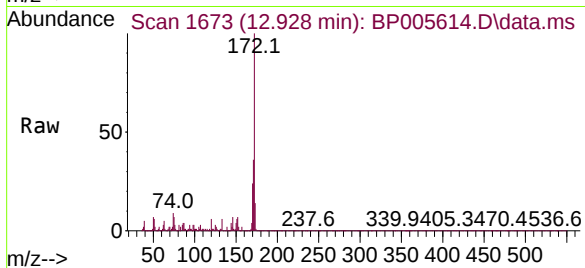




#45
2-Fluorobiphenyl
Concen: 72.53 ng
RT: 12.928 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

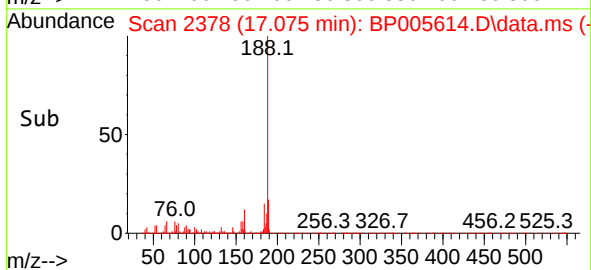
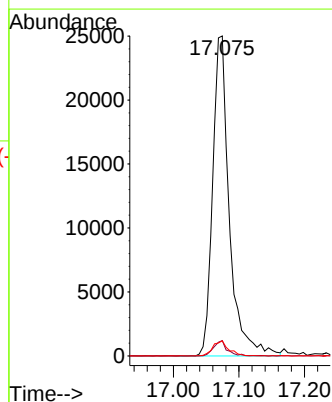
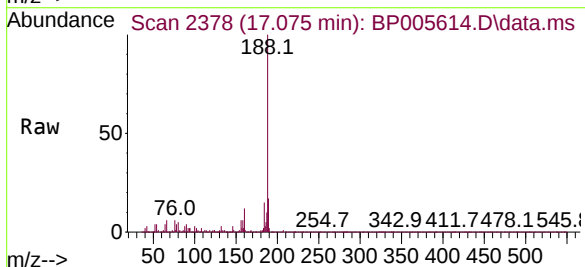
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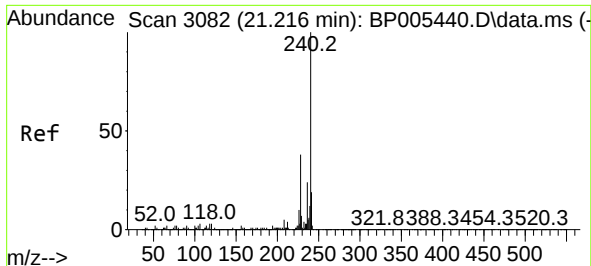
Tgt Ion:172 Resp: 115708
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.7 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

Tgt Ion:188 Resp: 44165
Ion Ratio Lower Upper
188 100
94 4.8 5.0 7.6#
80 4.7 5.9 8.9#

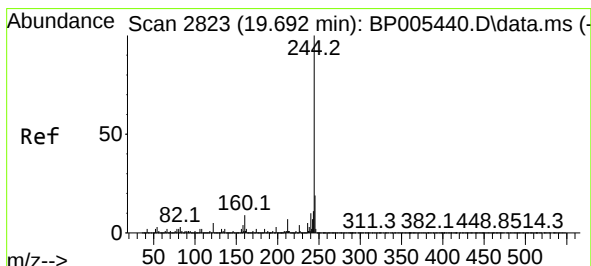
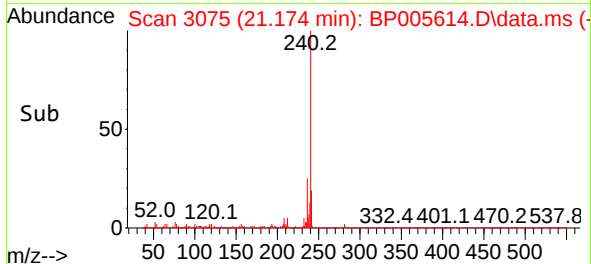
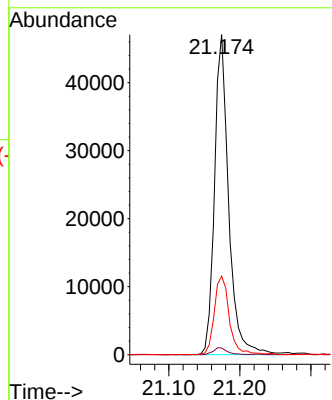
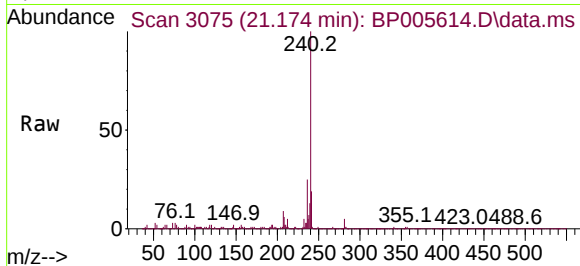




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

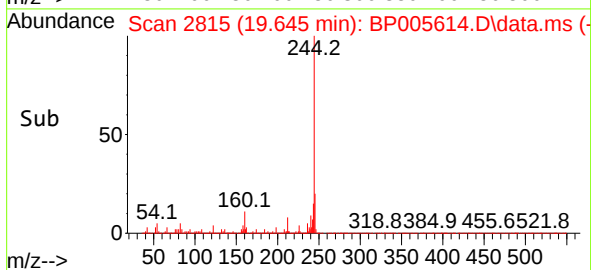
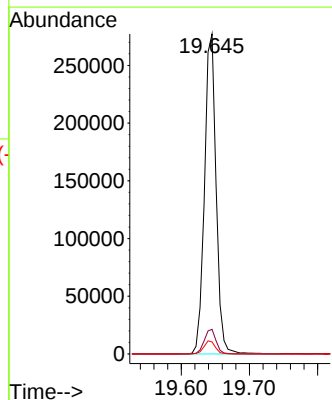
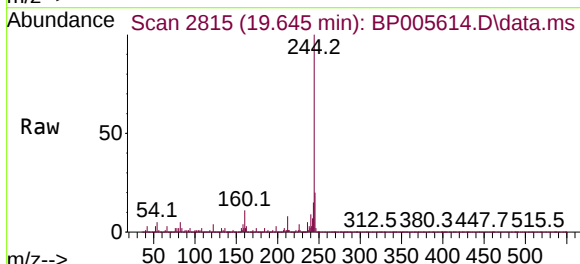
Instrument :
BNA_P
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PB136538BL

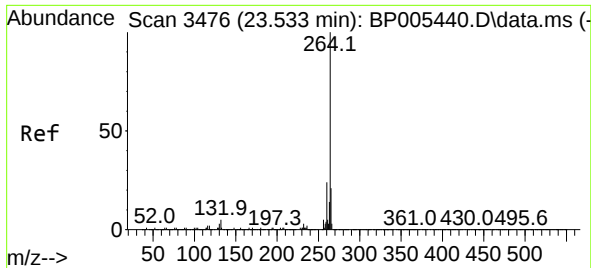
Tgt Ion:240 Resp: 64889
Ion Ratio Lower Upper
240 100
120 2.1 4.2 6.2#
236 24.5 20.2 30.2



#79
Terphenyl-d14
Concen: 85.99 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005614.D
Acq: 19 May 2021 16:36

Tgt Ion:244 Resp: 328557
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 3.8 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.468 min Scan# 3465
 Delta R.T. -0.006 min
 Lab File: BP005614.D
 Acq: 19 May 2021 16:36

Instrument :
 BNA_P
 ClientSampleId :
 PB136538BL

Tgt Ion:	264	Resp:	73746
Ion Ratio	Lower	Upper	
264	100		
260	24.4	20.6	30.8
265	21.2	19.0	28.6

