

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
 Data File : BP005582.D
 Acq On : 17 May 2021 15:21
 Operator : CG/JU
 Sample : PB136455BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136455BL

Quant Time: May 17 15:52:52 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)

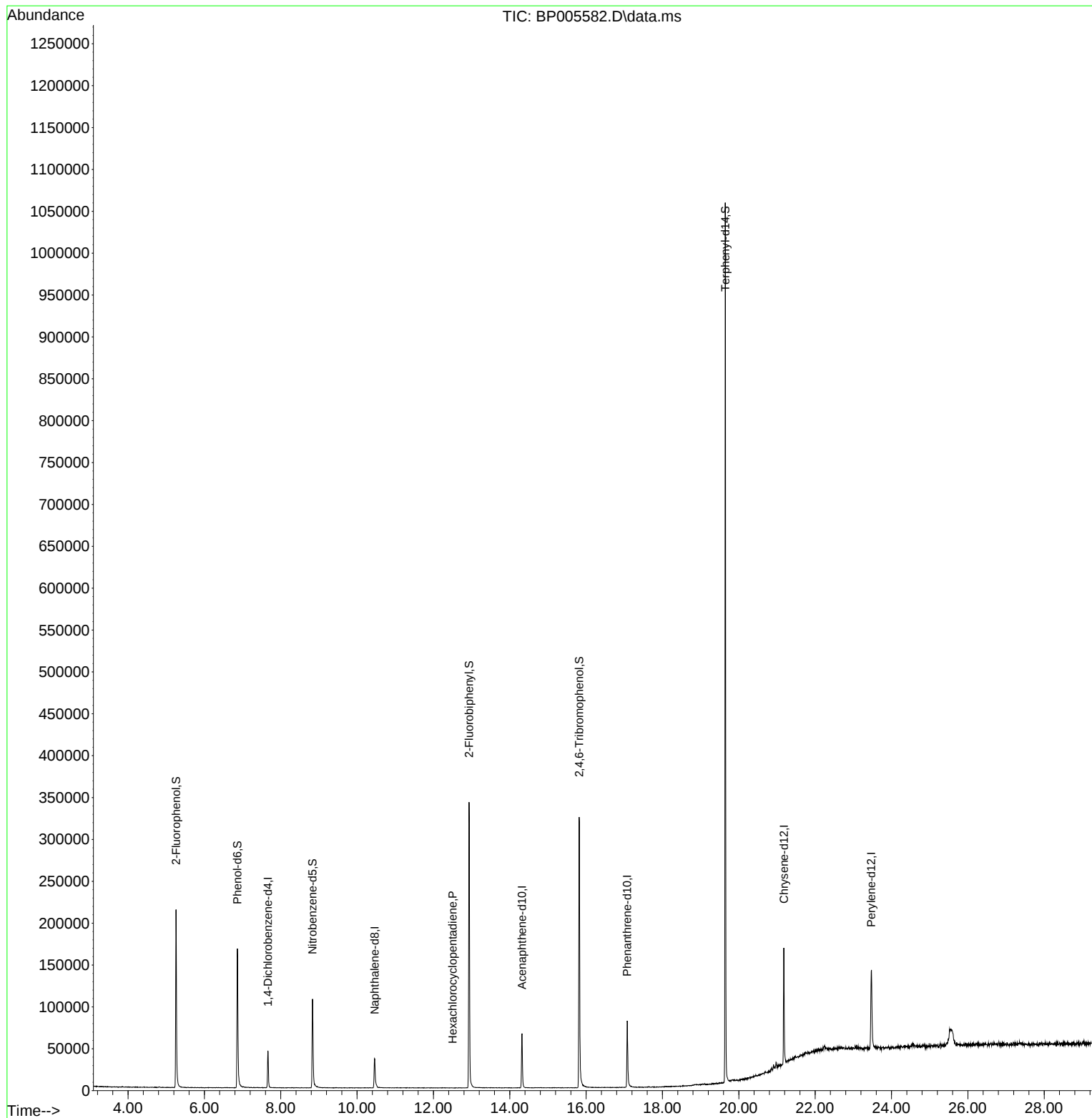
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	9402	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	27583	20.00	ng	0.01
39) Acenaphthene-d10	14.322	164	22380	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	57466	20.00	ng	# 0.00
76) Chrysene-d12	21.180	240	75003	20.00	ng	# 0.00
86) Perylene-d12	23.469	264	82219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	64914	132.50	ng	0.00
7) Phenol-d6	6.864	99	71163	116.49	ng	0.00
23) Nitrobenzene-d5	8.834	82	60244	85.97	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	69300	109.12	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	158603	79.94	ng	0.00
79) Terphenyl-d14	19.645	244	410770	93.01	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.123	88	9	Below Cal	#	1
9) Benzaldehyde	6.811	77	14	Below Cal	#	25
41) Hexachlorocyclopentadiene	12.504	237	13	7.90	ng	82

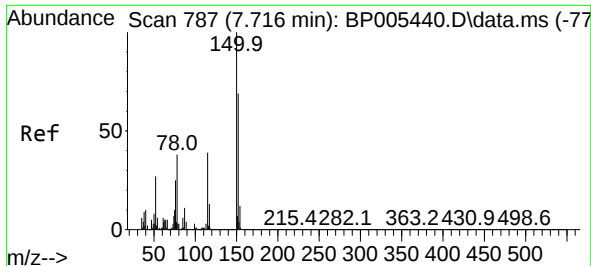
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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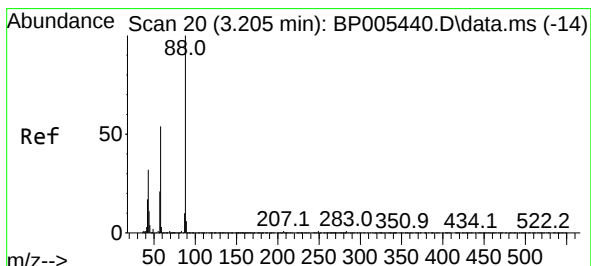
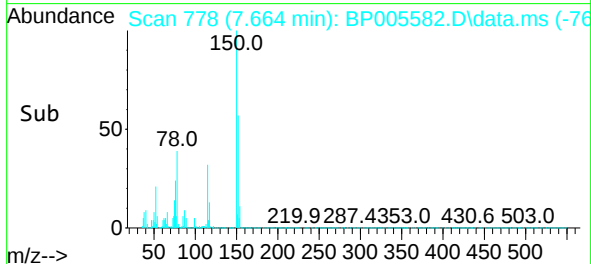
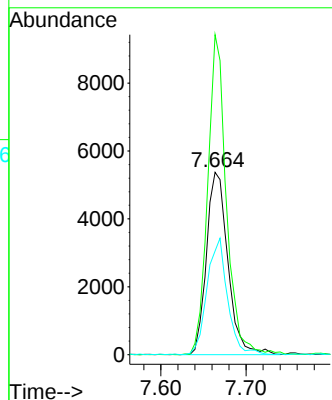
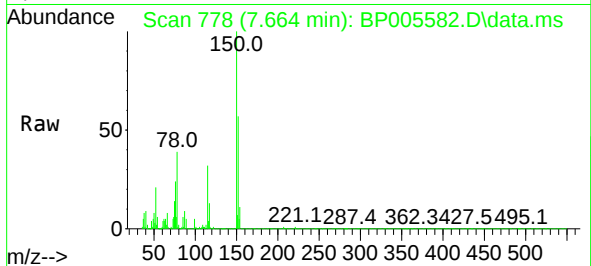




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

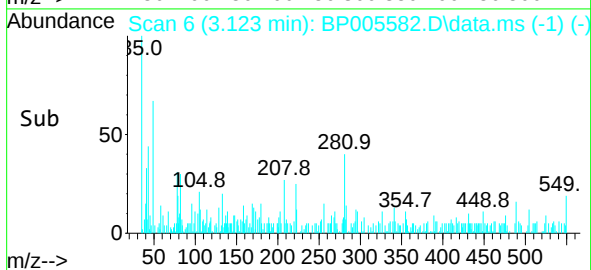
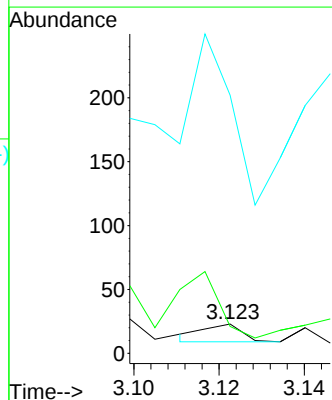
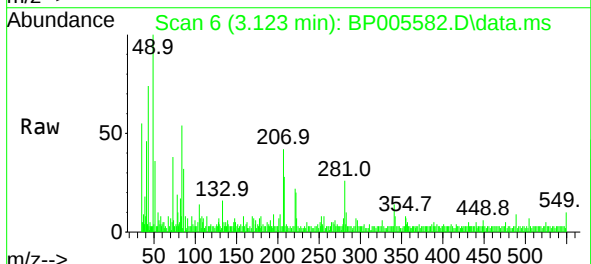
Instrument :
BNA_P
ClientSampleId :
PB136455BL

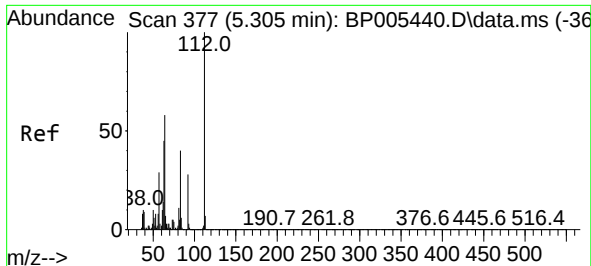
Tgt Ion:152 Resp: 9402
Ion Ratio Lower Upper
152 100
150 175.4 119.8 179.8
115 56.9 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.123 min Scan# 6
Delta R.T. -0.023 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

Tgt Ion: 88 Resp: 9
Ion Ratio Lower Upper
88 100
58 388.9 42.5 63.7#
43 866.7 19.8 29.8#

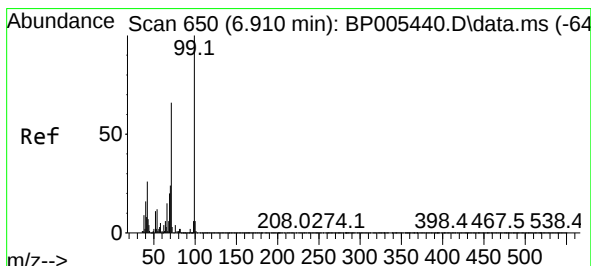
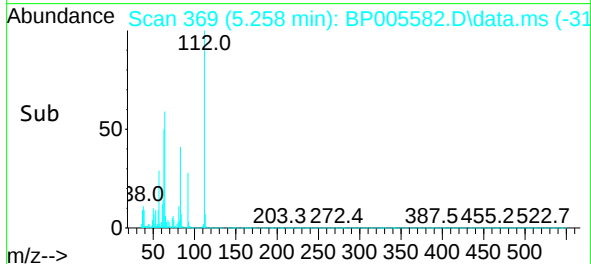
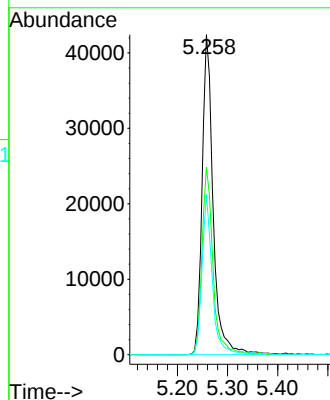
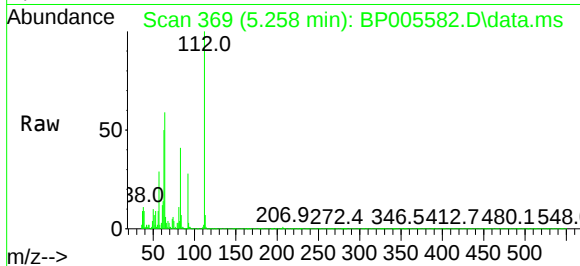




#5
2-Fluorophenol
Concen: 132.50 ng
RT: 5.258 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

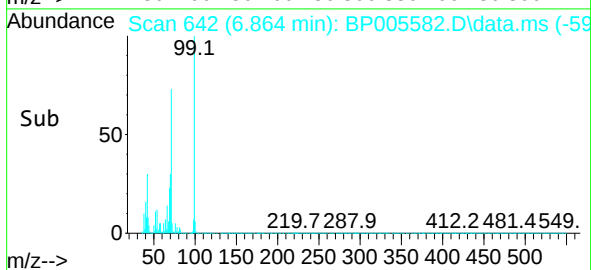
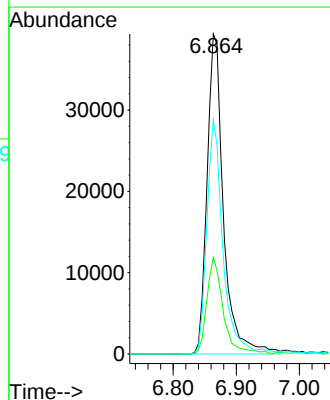
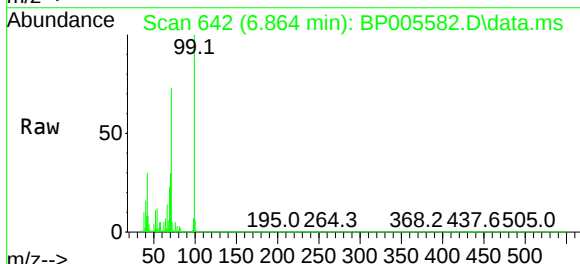
Instrument :
BNA_P
ClientSampleId :
PB136455BL

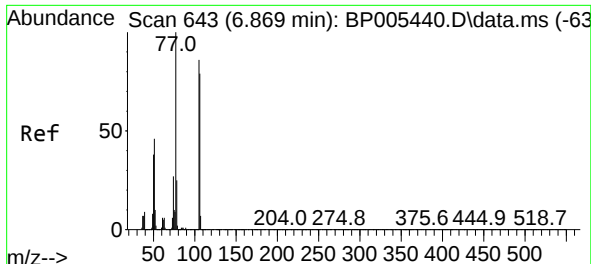
Tgt Ion:112 Resp: 64914
Ion Ratio Lower Upper
112 100
64 58.5 33.6 50.4#
63 50.1 18.6 27.8#



#7
Phenol-d6
Concen: 116.49 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

Tgt Ion: 99 Resp: 71163
Ion Ratio Lower Upper
99 100
42 30.2 12.9 19.3#
71 73.2 26.7 40.1#

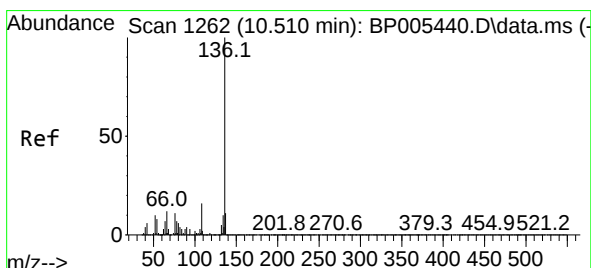
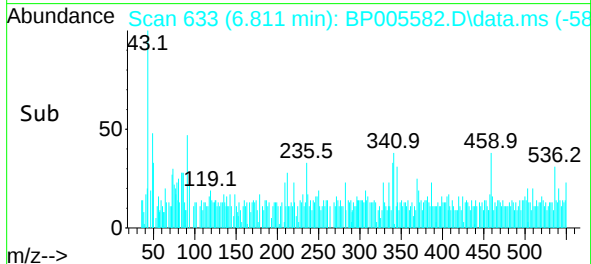
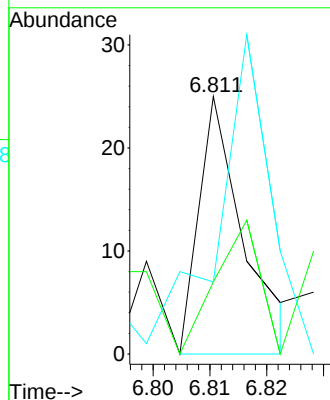
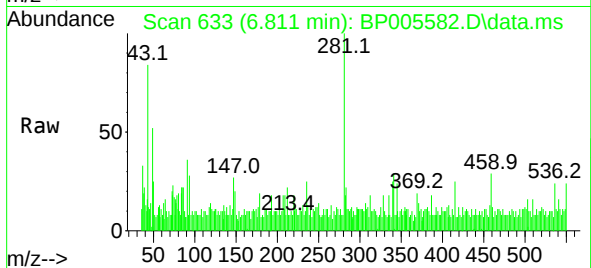




#9
Benzaldehyde
Concen: Below Cal
RT: 6.811 min Scan# 633
Delta R.T. -0.006 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

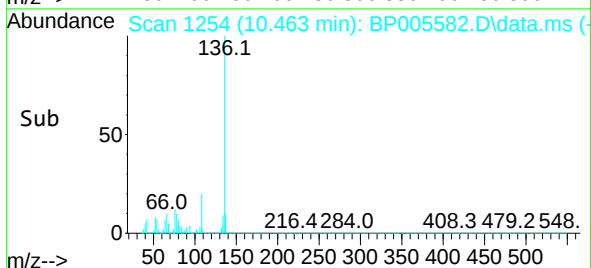
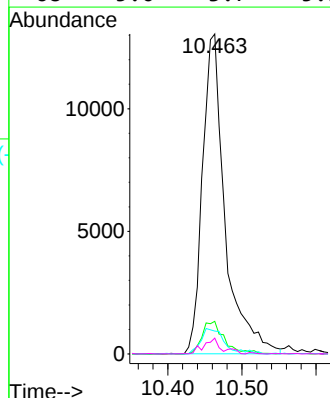
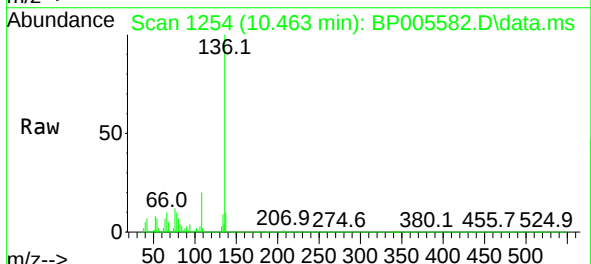
Instrument :
BNA_P
ClientSampled :
PB136455BL

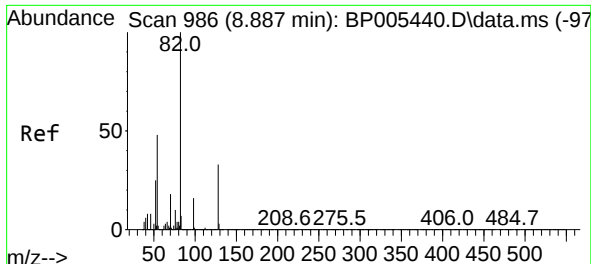
Tgt Ion: 77	Resp: 14
Ion Ratio	Lower Upper
77 100	
105 28.0	89.4 129.4#
106 28.0	79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. 0.012 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

Tgt Ion: 136	Resp: 27583
Ion Ratio	Lower Upper
136 100	
137 10.2	8.9 13.3
54 7.2	5.0 7.4
68 5.0	3.7 5.5

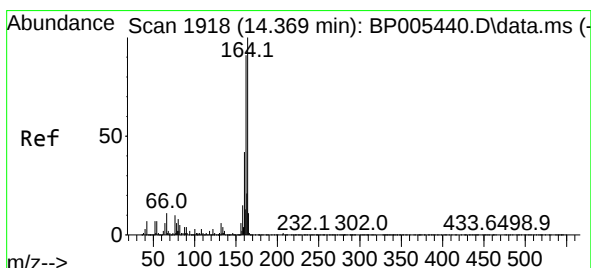
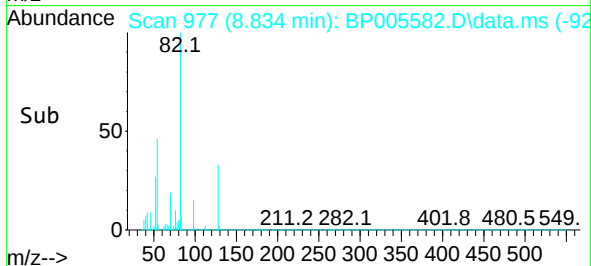
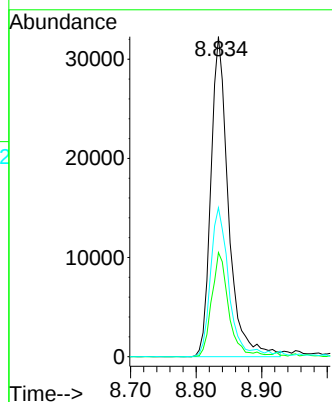
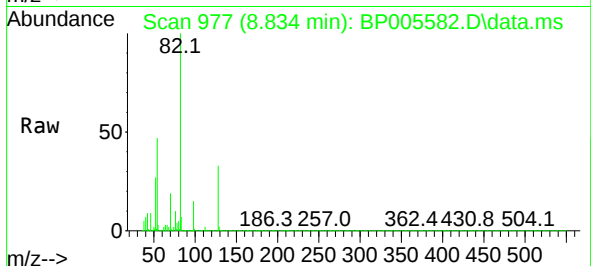




#23
Nitrobenzene-d5
Concen: 85.97 ng
RT: 8.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

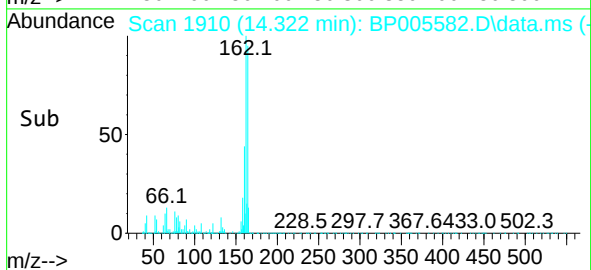
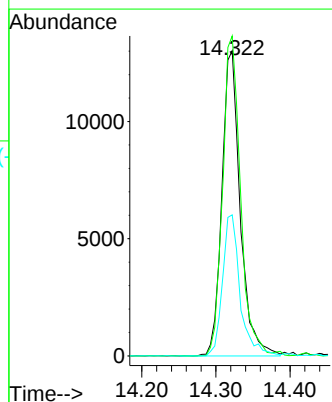
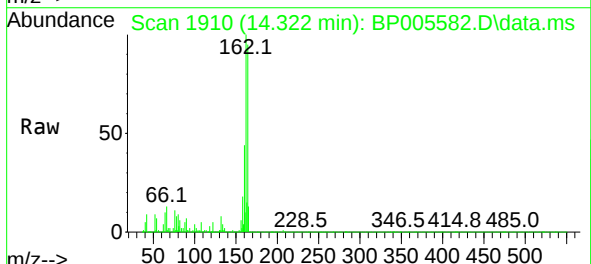
Instrument :
BNA_P
ClientSampleId :
PB136455BL

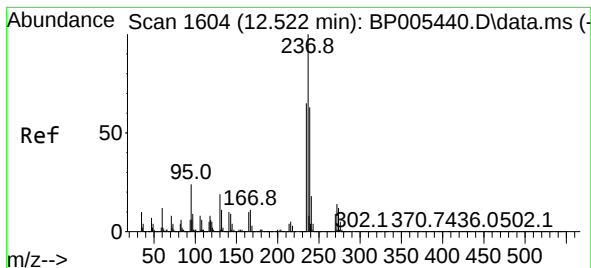
Tgt Ion: 82 Resp: 60244
Ion Ratio Lower Upper
82 100
128 32.6 30.5 45.7
54 46.5 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.322 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

Tgt Ion: 164 Resp: 22380
Ion Ratio Lower Upper
164 100
162 104.8 73.5 110.3
160 46.2 40.6 61.0



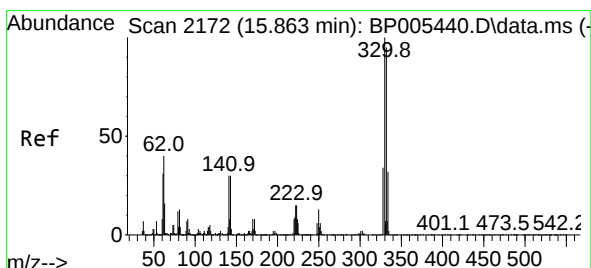
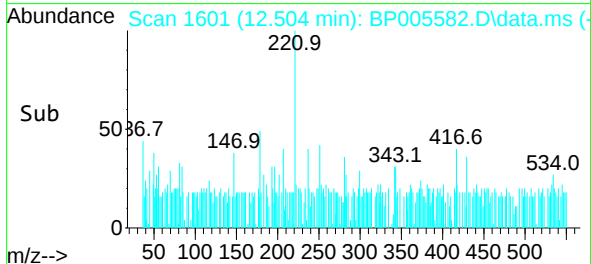
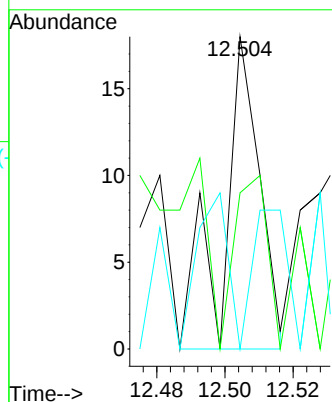
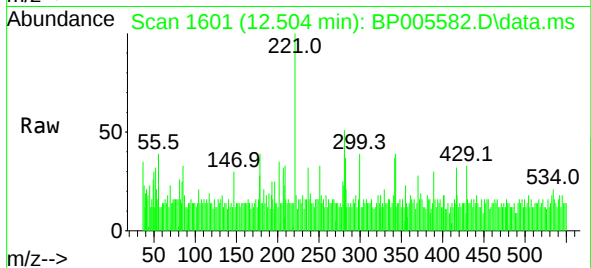


#41

Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.504 min Scan# 1601
Delta R.T. 0.041 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

Instrument :
BNA_P
ClientSampleId :
PB136455BL

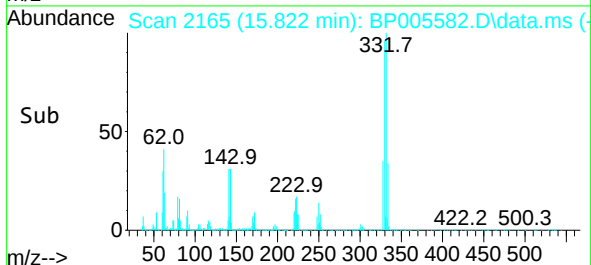
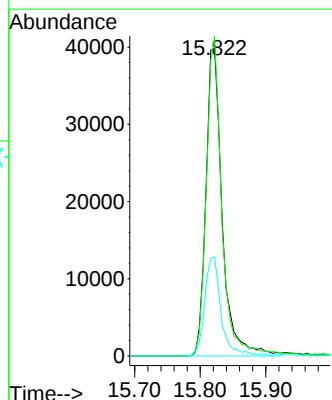
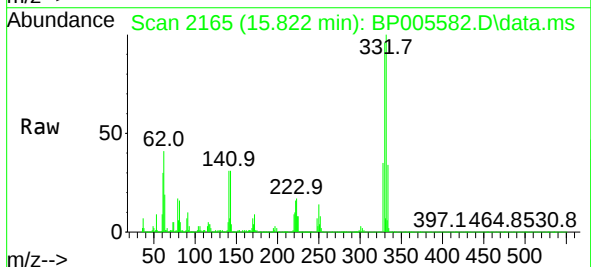
Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 50.0 40.9 80.9
272 0.0 0.0 34.6

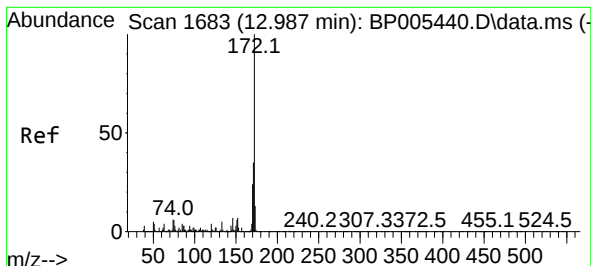


#42

2,4,6-Tribromophenol
Concen: 109.12 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

Tgt Ion:330 Resp: 69300
Ion Ratio Lower Upper
330 100
332 99.6 76.3 114.5
141 32.4 22.8 34.2

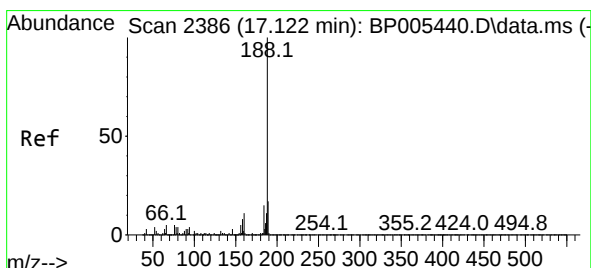
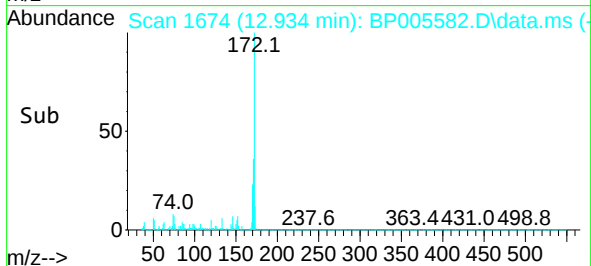
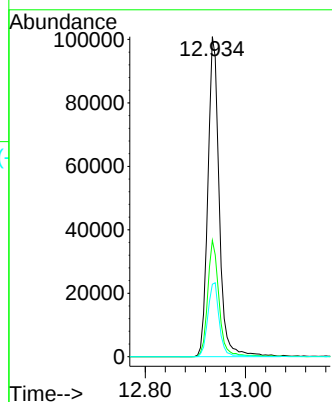
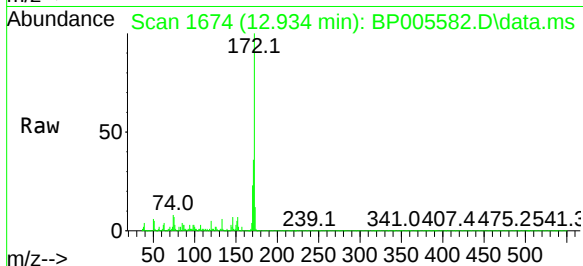




#45
2-Fluorobiphenyl
Concen: 79.94 ng
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

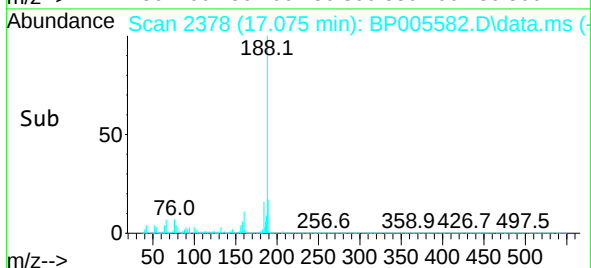
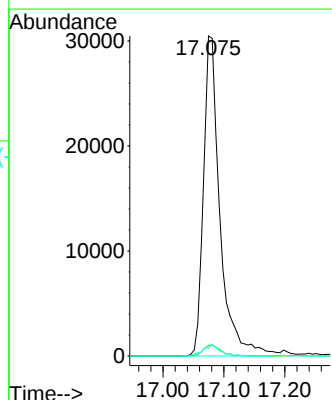
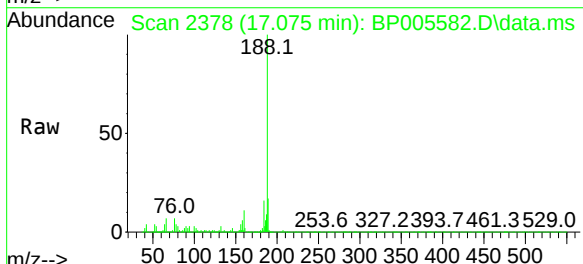
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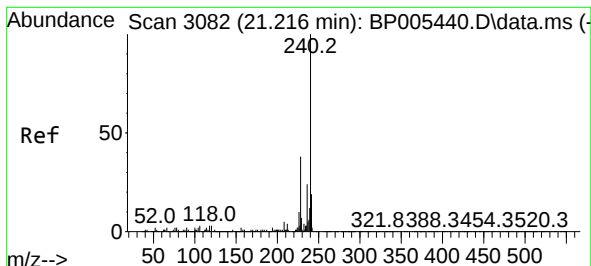
Tgt Ion:172 Resp: 158603
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 22.6 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

Tgt Ion:188 Resp: 57466
Ion Ratio Lower Upper
188 100
94 3.3 5.0 7.6#
80 2.5 5.9 8.9#

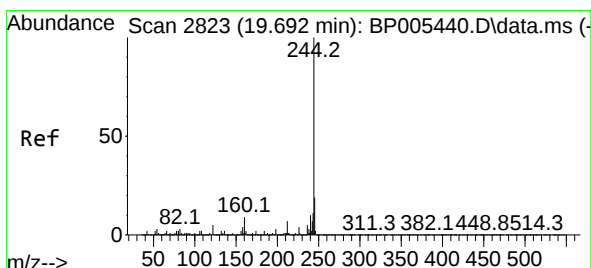
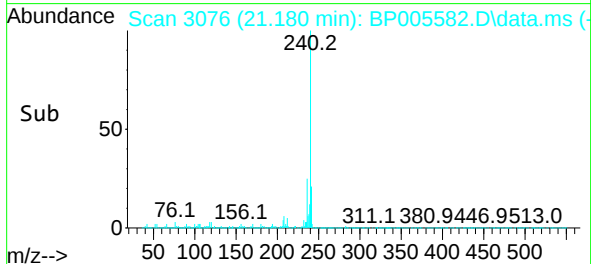
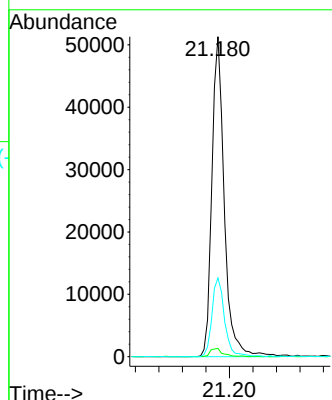
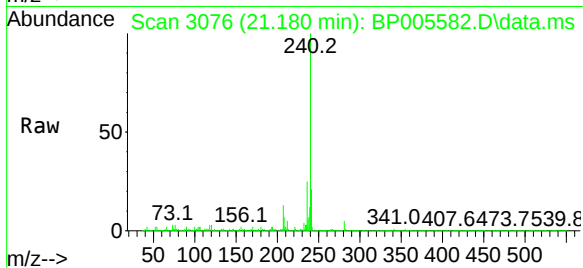




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.180 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

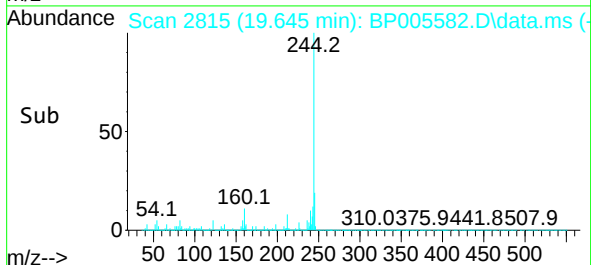
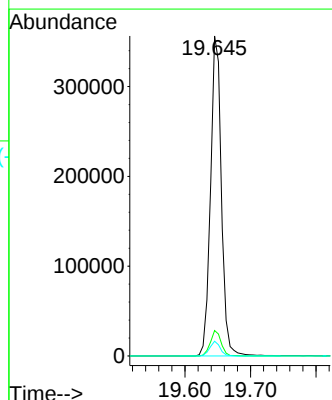
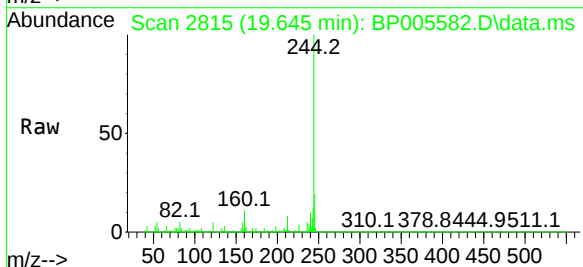
Instrument :
BNA_P
ClientSampleId :
PB136455BL

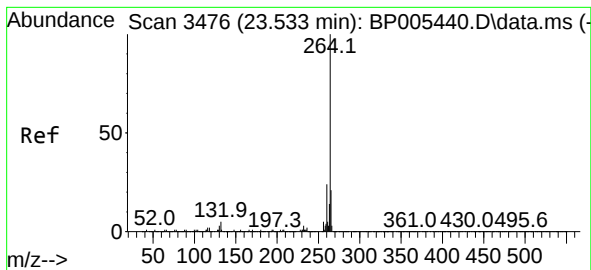
Tgt Ion:240 Resp: 75003
Ion Ratio Lower Upper
240 100
120 2.6 4.2 6.2#
236 24.6 20.2 30.2



#79
Terphenyl-d14
Concen: 93.01 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005582.D
Acq: 17 May 2021 15:21

Tgt Ion:244 Resp: 410770
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 4.6 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.469 min Scan# 3465
 Delta R.T. -0.006 min
 Lab File: BP005582.D
 Acq: 17 May 2021 15:21

Instrument :
 BNA_P
 ClientSampleId :
 PB136455BL

Tgt Ion:	264	Resp:	82219
Ion Ratio	Lower	Upper	
264	100		
260	25.3	20.6	30.8
265	21.3	19.0	28.6

