

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052021\
 Data File : BP005622.D
 Acq On : 20 May 2021 14:27
 Operator : CG/JU
 Sample : M2434-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-SB-2RE

Quant Time: May 20 15:24:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 20 14:18:01 2021
 Response via : Initial Calibration

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

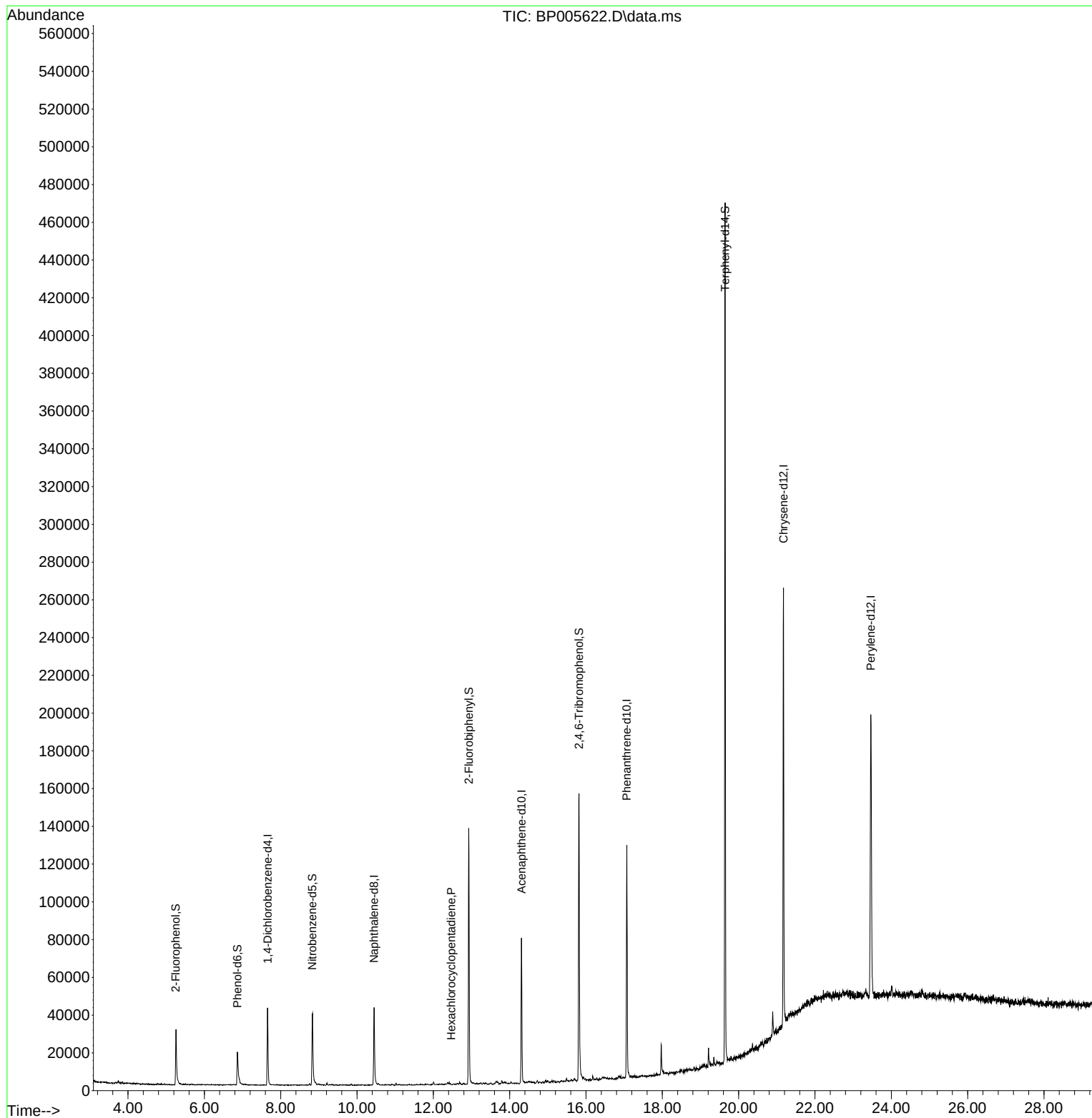
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	7922	20.00	ng	0.00
21) Naphthalene-d8	10.446	136	23160	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	21394	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	67706	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	112374	20.00	ng	# 0.00
86) Perylene-d12	23.462	264	127204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	10413	25.23	ng	0.00
7) Phenol-d6	6.863	99	7711	14.98	ng	0.00
23) Nitrobenzene-d5	8.828	82	21581	36.68	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	29616	48.78	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	55817	29.43	ng	0.00
79) Terphenyl-d14	19.645	244	189865	28.69	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	43	Below Cal	#	1
9) Benzaldehyde	6.822	77	6	Below Cal	#	38
41) Hexachlorocyclopentadiene	12.469	237	9	7.89	ng	90

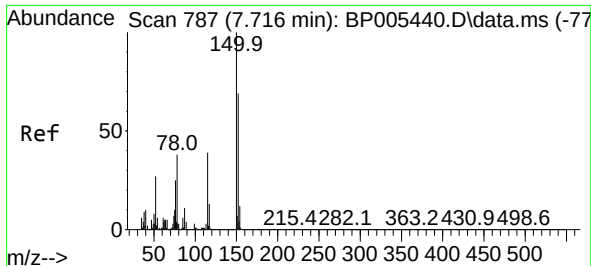
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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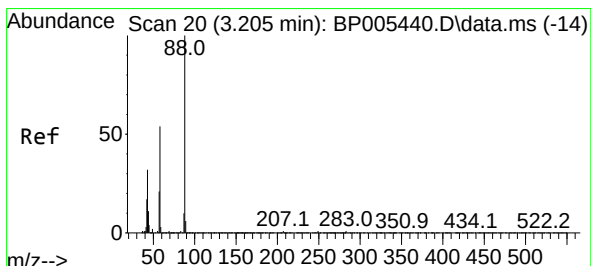
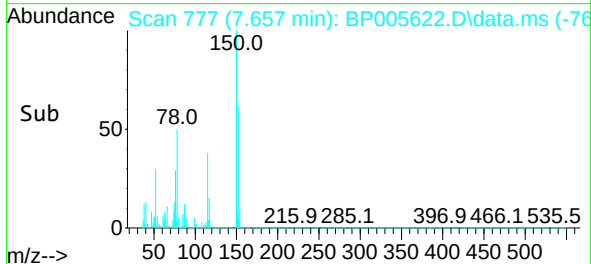
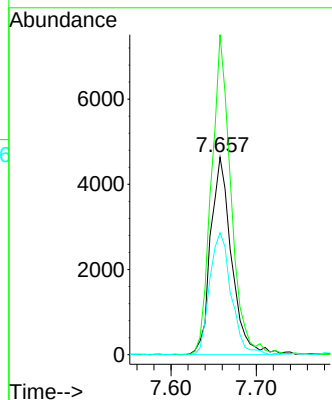
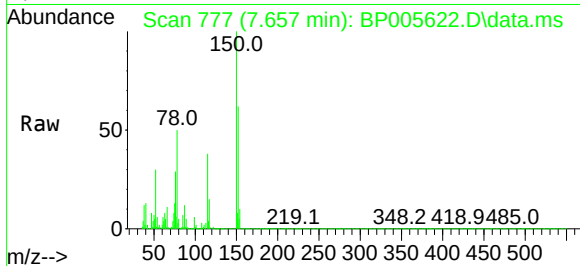




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.657 min Scan# 777
 Delta R.T. -0.001 min
 Lab File: BP005622.D
 Acq: 20 May 2021 14:27

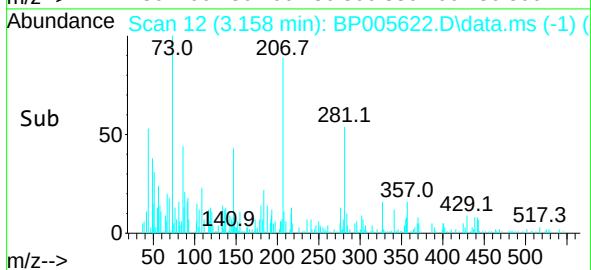
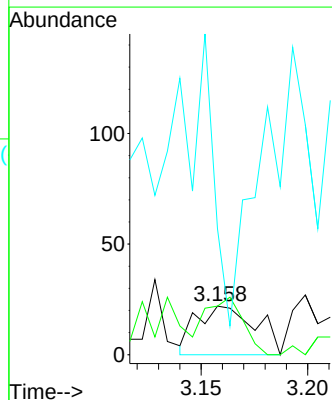
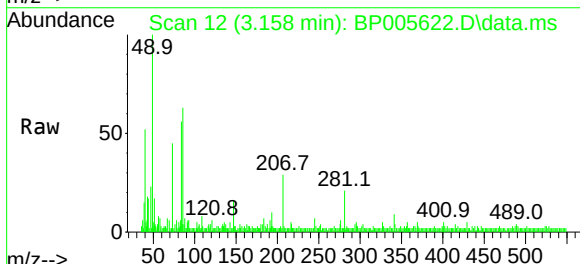
Instrument :
 BNA_P
 ClientSampleId :
 TW-SB-2RE

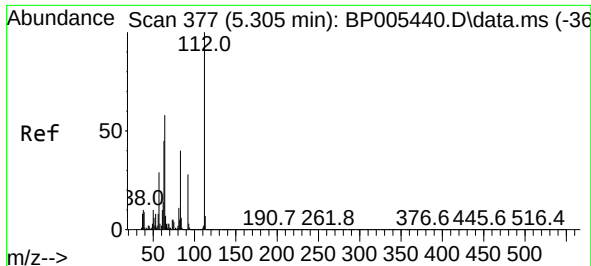
Tgt Ion:152 Resp: 7922
 Ion Ratio Lower Upper
 152 100
 150 162.1 119.8 179.8
 115 61.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.158 min Scan# 12
 Delta R.T. 0.012 min
 Lab File: BP005622.D
 Acq: 20 May 2021 14:27

Tgt Ion: 88 Resp: 43
 Ion Ratio Lower Upper
 88 100
 58 74.4 42.5 63.7#
 43 351.2 19.8 29.8#

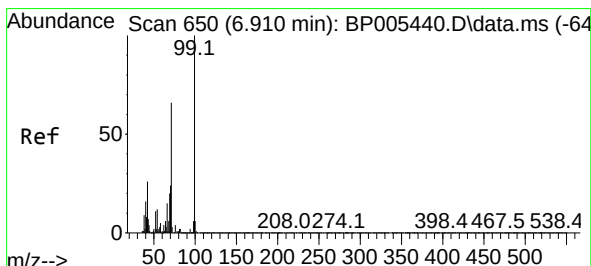
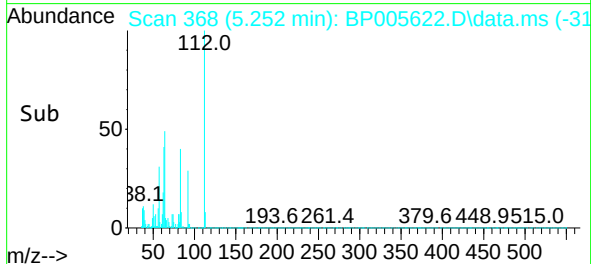
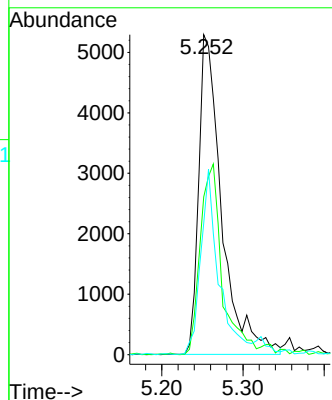
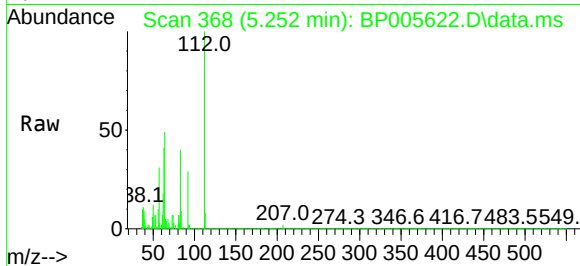




#5
2-Fluorophenol
Concen: 25.23 ng
RT: 5.252 min Scan# 368
Delta R.T. -0.000 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

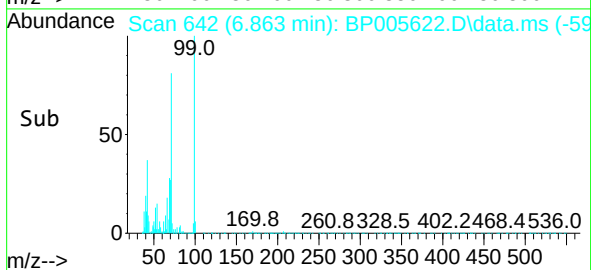
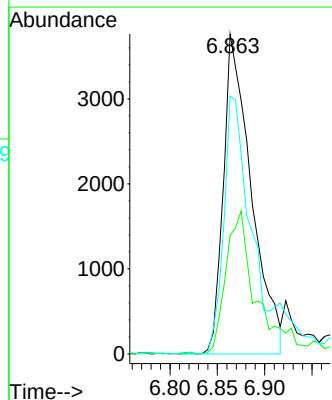
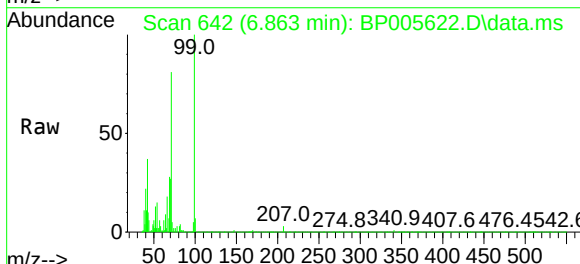
Instrument :
BNA_P
ClientSampleId :
TW-SB-2RE

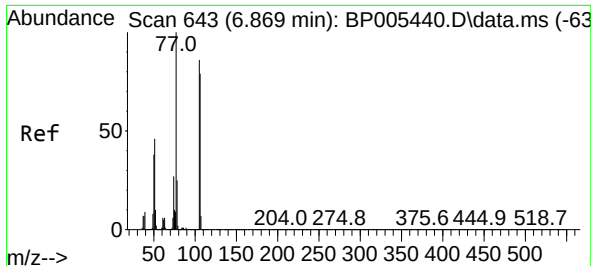
Tgt Ion:112 Resp: 10413
Ion Ratio Lower Upper
112 100
64 49.3 33.6 50.4
63 41.1 18.6 27.8#



#7
Phenol-d6
Concen: 14.98 ng
RT: 6.863 min Scan# 642
Delta R.T. 0.006 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

Tgt Ion: 99 Resp: 7711
Ion Ratio Lower Upper
99 100
42 37.1 12.9 19.3#
71 80.6 26.7 40.1#

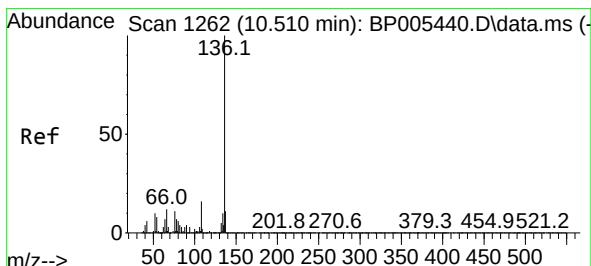
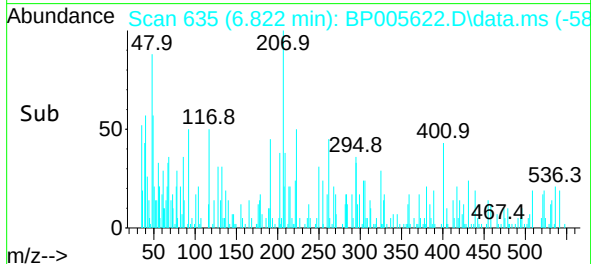
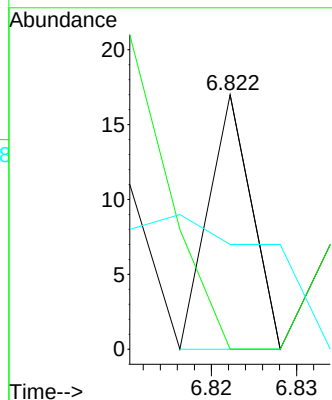
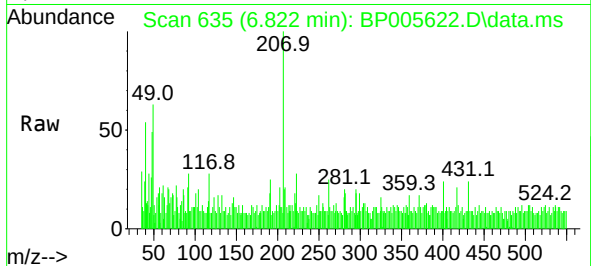




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 635
Delta R.T. 0.006 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

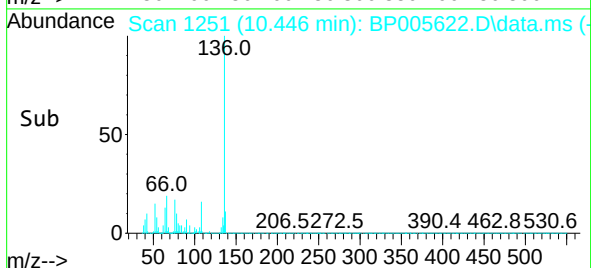
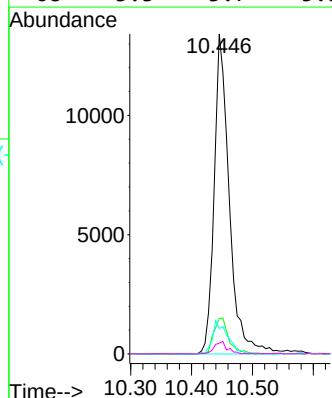
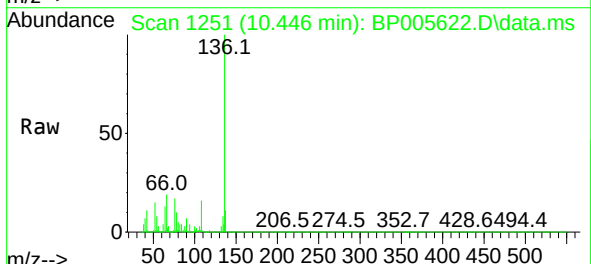
Instrument :
BNA_P
ClientSampleId :
TW-SB-2RE

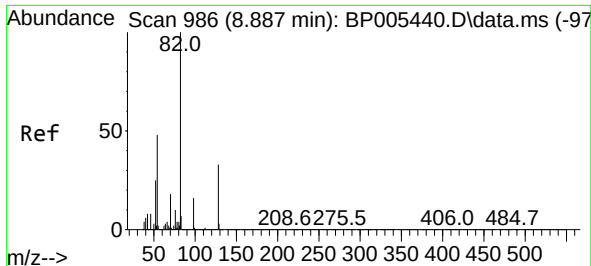
Tgt Ion: 77 Resp: 6
Ion Ratio Lower Upper
77 100
105 41.2 89.4 129.4#
106 41.2 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.446 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

Tgt Ion:136 Resp: 23160
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.9 5.0 7.4#
68 3.3 3.7 5.5#

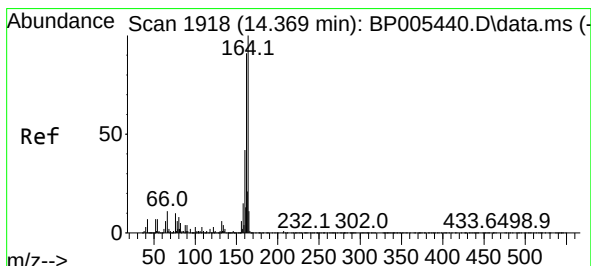
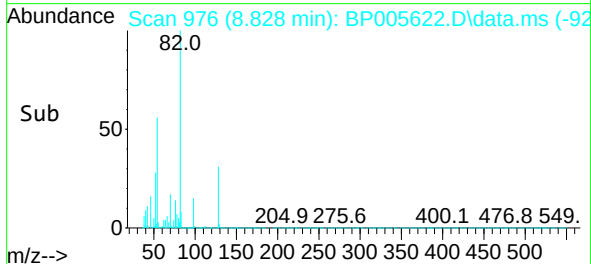
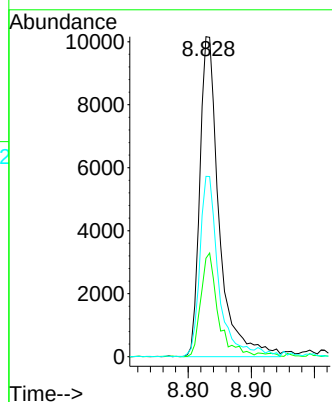
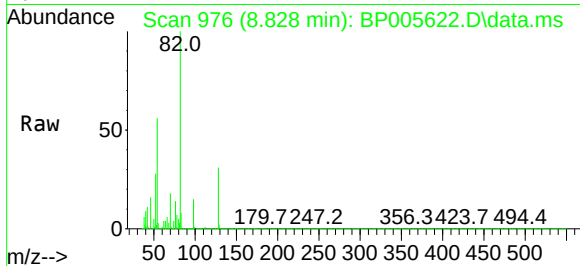




#23
Nitrobenzene-d5
Concen: 36.68 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

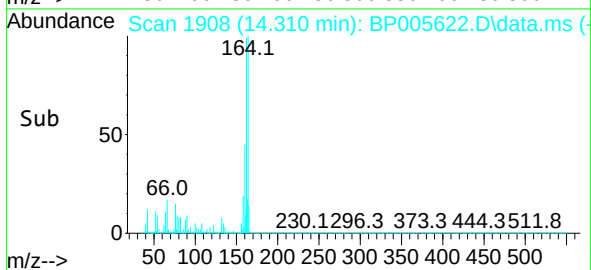
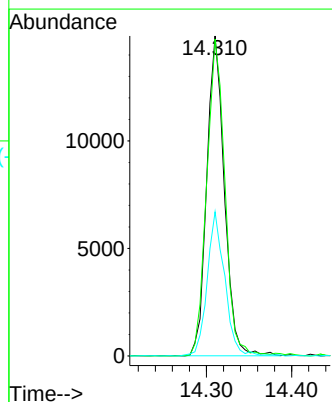
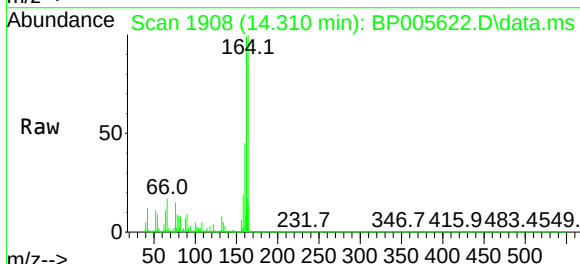
Instrument :
BNA_P
ClientSampleId :
TW-SB-2RE

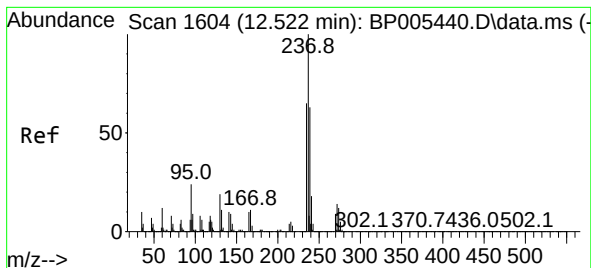
Tgt Ion: 82 Resp: 21581
Ion Ratio Lower Upper
82 100
128 30.7 30.5 45.7
54 56.4 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

Tgt Ion: 164 Resp: 21394
Ion Ratio Lower Upper
164 100
162 99.1 73.5 110.3
160 45.1 40.6 61.0



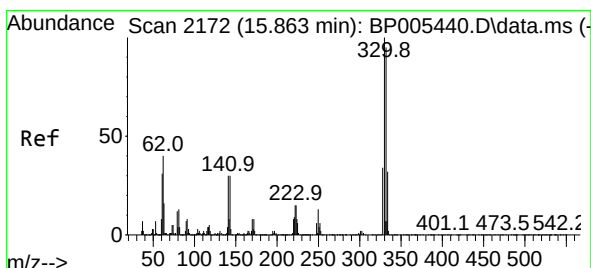
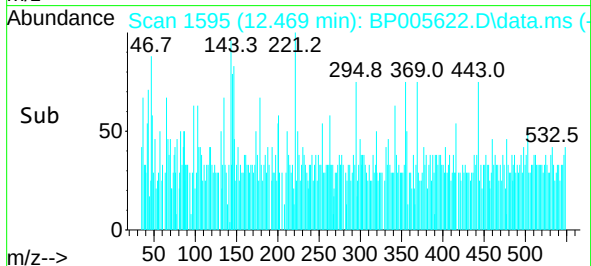
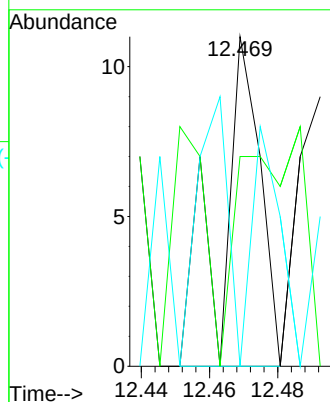
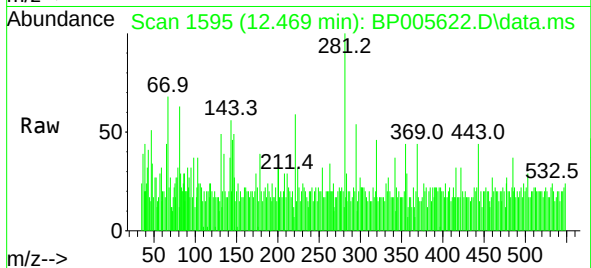


#41

Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.012 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

Instrument :
BNA_P
ClientSampleId :
TW-SB-2RE

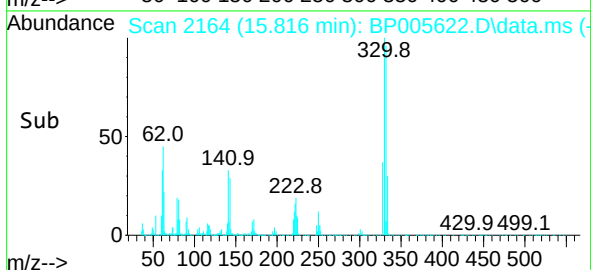
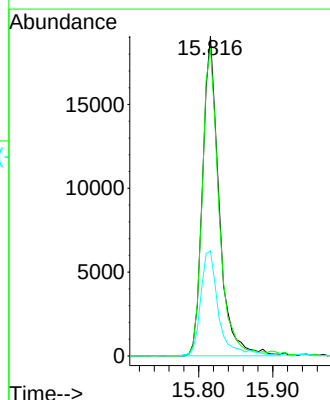
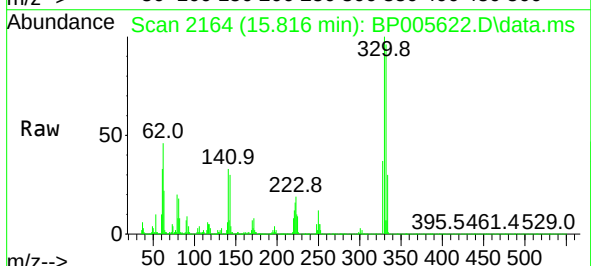
Tgt Ion:	237	Resp:	9
Ion	Ratio	Lower	Upper
237	100		
235	63.6	40.9	80.9
272	0.0	0.0	34.6

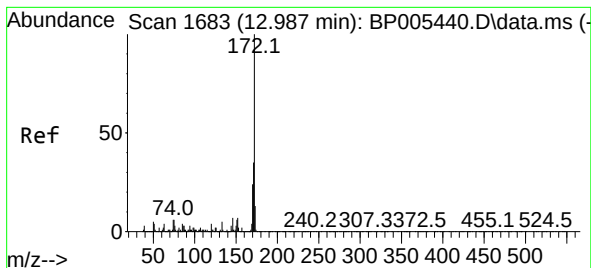


#42

2,4,6-Tribromophenol
Concen: 48.78 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

Tgt Ion:	330	Resp:	29616
Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.3	114.5
141	35.6	22.8	34.2

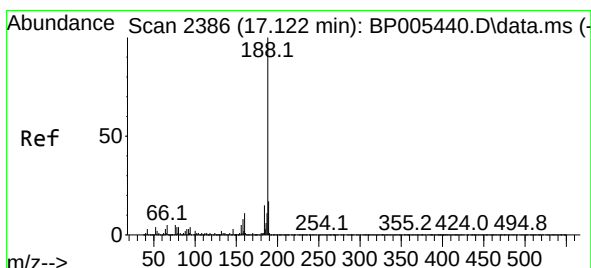
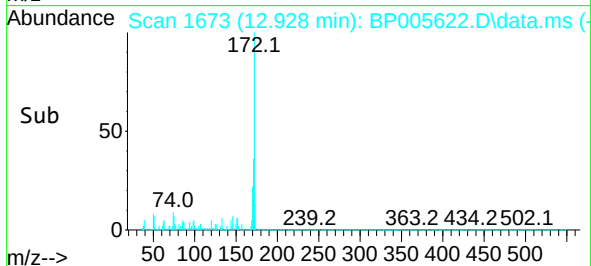
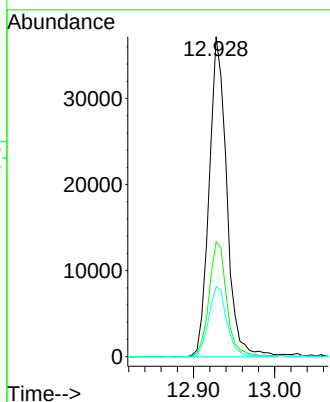
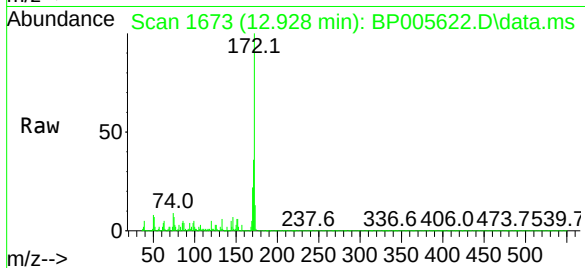




#45
2-Fluorobiphenyl
Concen: 29.43 ng
RT: 12.928 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

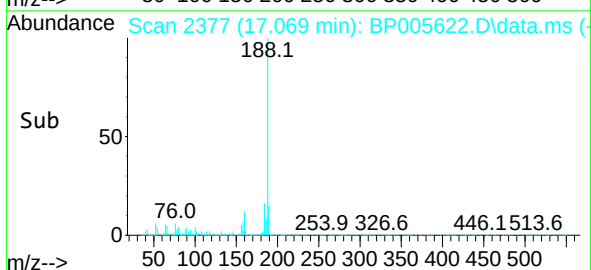
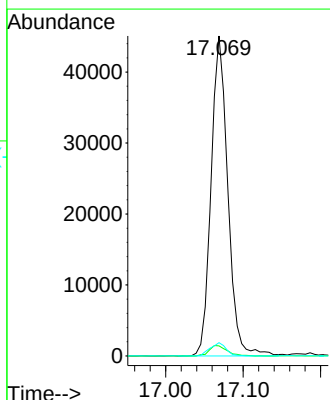
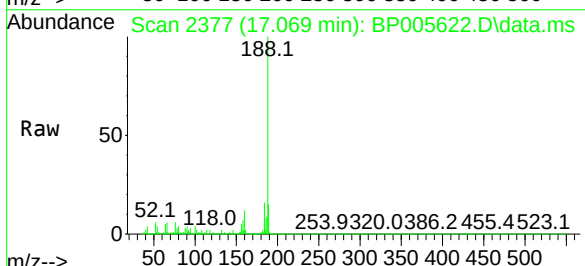
Instrument :
BNA_P
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TW-SB-2RE

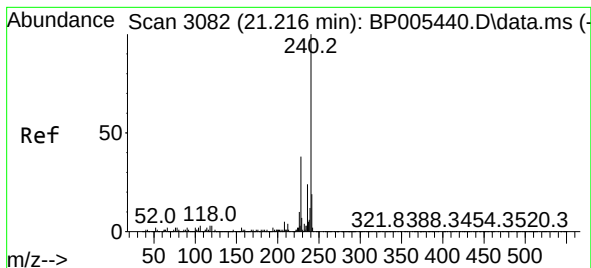
Tgt Ion:	172	Resp:	55817
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.1	42.1
170	21.8	19.6	29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. 0.006 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

Tgt Ion:	188	Resp:	67706
Ion Ratio	Lower	Upper	
188	100		
94	3.2	5.0	7.6#
80	4.2	5.9	8.9#

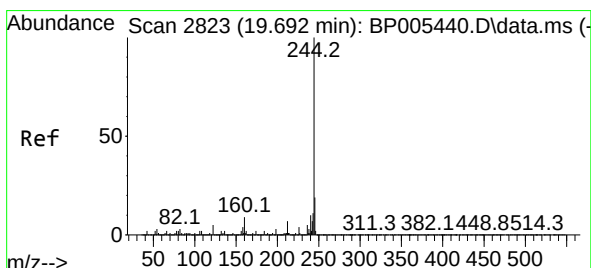
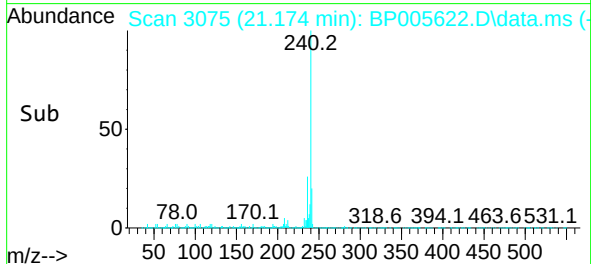
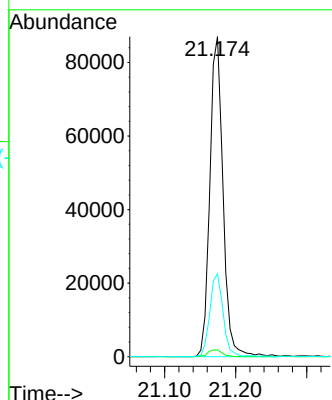
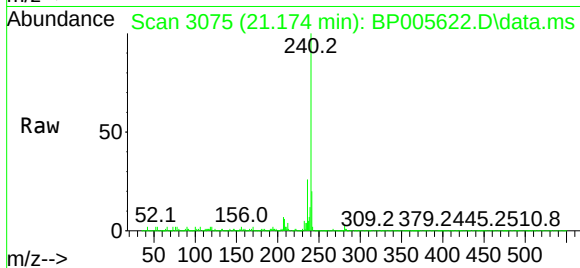




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. 0.006 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

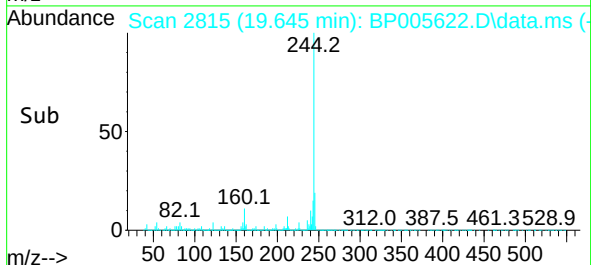
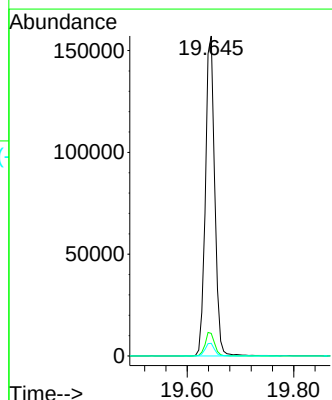
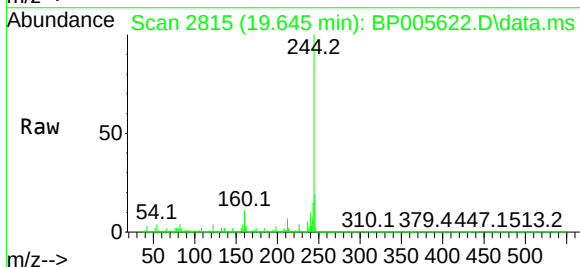
Instrument :
BNA_P
ClientSampleId :
TW-SB-2RE

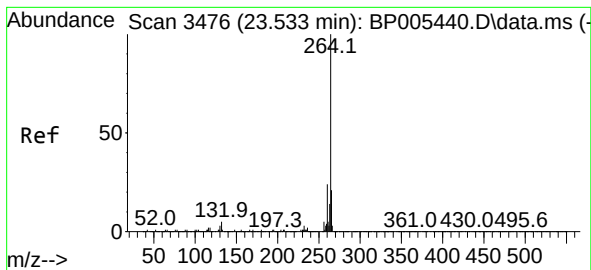
Tgt Ion:240 Resp: 112374
Ion Ratio Lower Upper
240 100
120 2.1 4.2 6.2#
236 25.9 20.2 30.2



#79
Terphenyl-d14
Concen: 28.69 ng
RT: 19.645 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BP005622.D
Acq: 20 May 2021 14:27

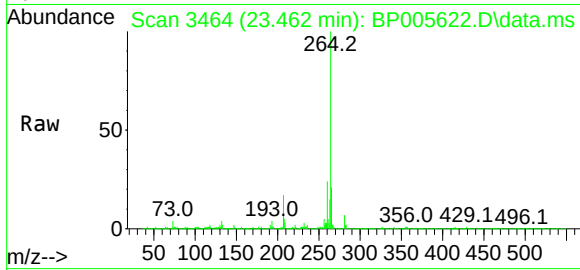
Tgt Ion:244 Resp: 189865
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 3.9 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.462 min Scan# 3464
 Delta R.T. 0.006 min
 Lab File: BP005622.D
 Acq: 20 May 2021 14:27

Instrument :
 BNA_P
 ClientSampleId :
 TW-SB-2RE



Tgt Ion:264 Resp: 127204
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.6 30.8
 265 21.2 19.0 28.6

