

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009342.D
 Acq On : 10 Mar 2022 13:54
 Operator : CG/JU
 Sample : N1852-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM

Quant Time: Mar 11 05:00:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

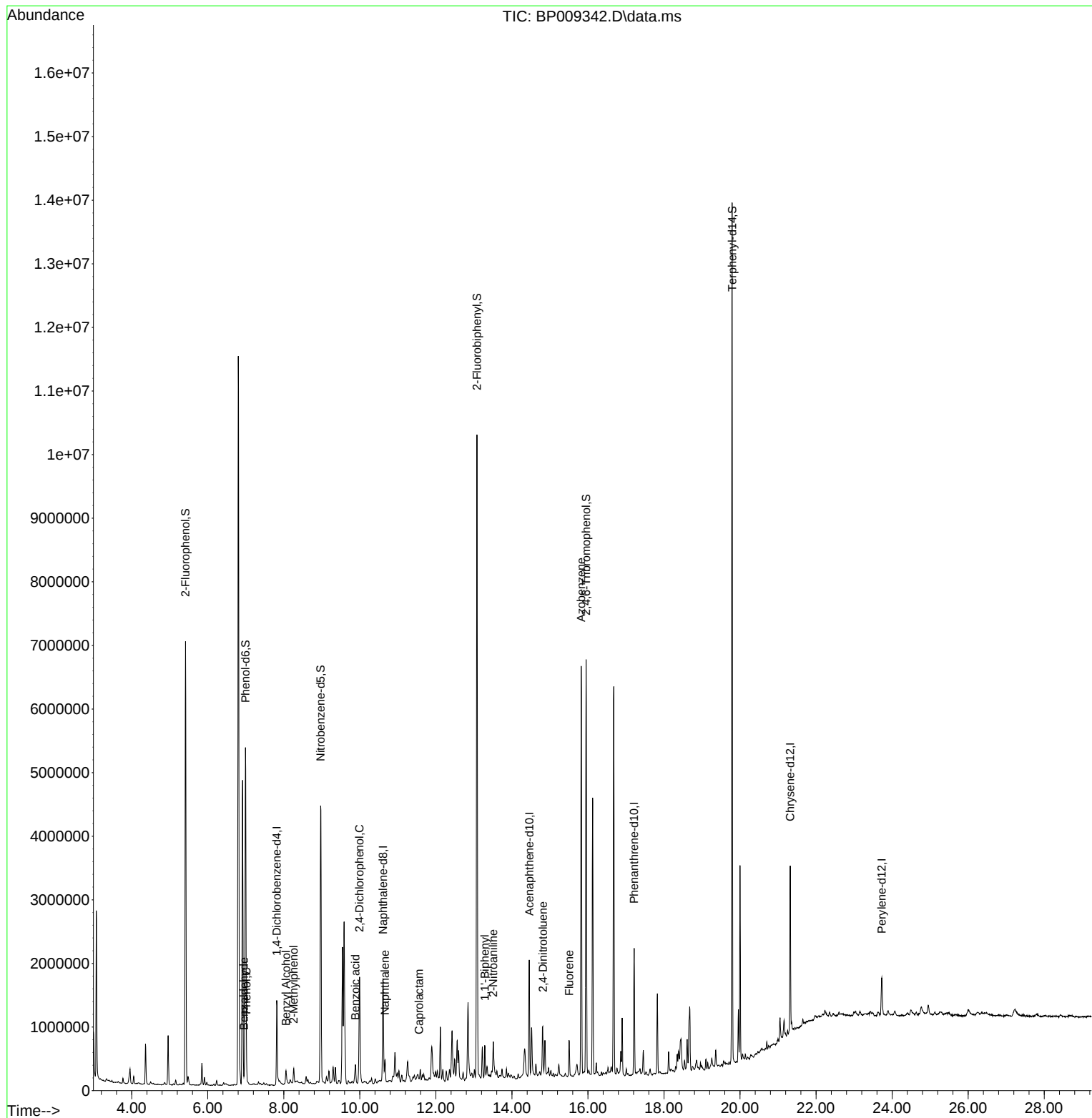
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	396259	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1400428	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	690879	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1272000	20.000	ng	0.00
76) Chrysene-d12	21.321	240	1316159	20.000	ng	0.00
86) Perylene-d12	23.727	264	397538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3348964	123.364	ng	0.00
7) Phenol-d6	6.993	99	3366683	97.590	ng	0.00
23) Nitrobenzene-d5	8.969	82	2815871	110.748	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1439905	172.601	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	5557864	110.630	ng	0.00
79) Terphenyl-d14	19.792	244	6846202	98.162	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.957	77	46674	2.123	ng	97
10) Phenol	7.022	94	106260	2.975	ng	94
15) Benzyl Alcohol	8.057	79	101668	4.179	ng	100
17) 2-Methylphenol	8.263	107	72983	3.156	ng	98
29) 2,4-Dichlorophenol	9.993	162	190499	8.603	ng	# 40
31) Naphthalene	10.663	128	301439	3.887	ng	99
32) Benzoic acid	9.887	122	131778	11.301	ng	98
35) Caprolactam	11.557	113	20776	3.188	ng	# 82
46) 1,1'-Biphenyl	13.286	154	294402	5.219	ng	99
48) 2-Nitroaniline	13.510	65	23503	2.392	ng	# 14
57) 2,4-Dinitrotoluene	14.816	165	39380	3.056	ng	# 64
58) Fluorene	15.504	166	279673	5.572	ng	97
63) Azobenzene	15.822	77	1924127	39.477	ng	# 1

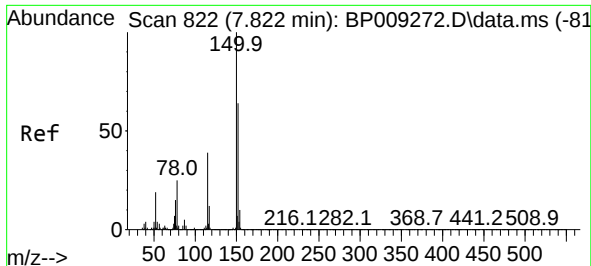
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

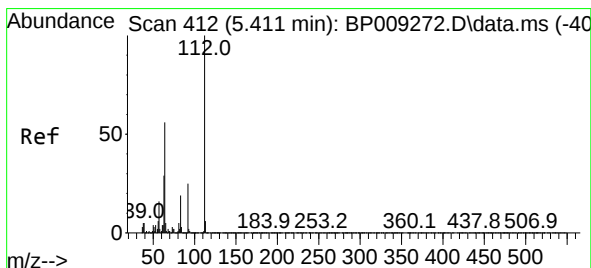
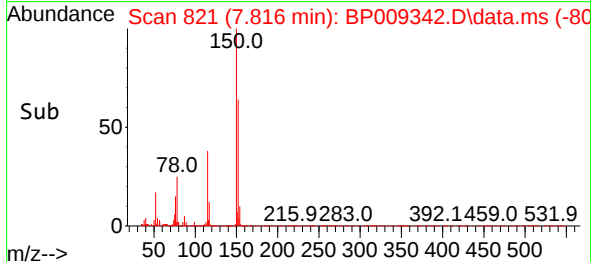
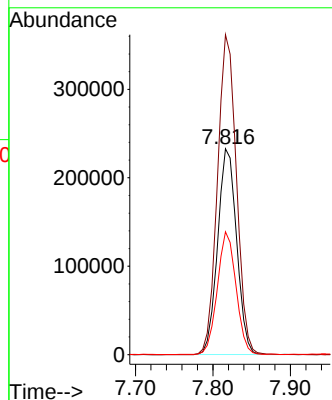
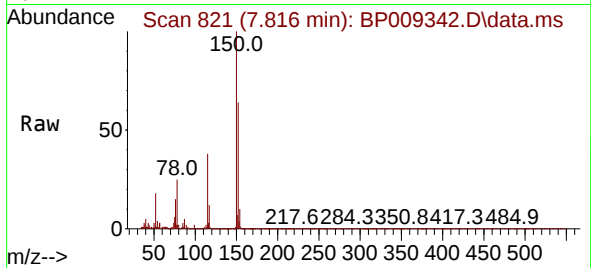




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

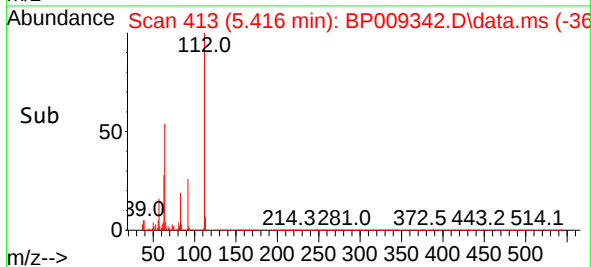
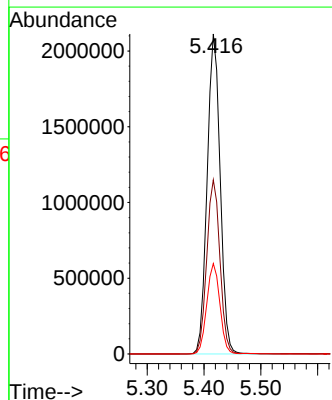
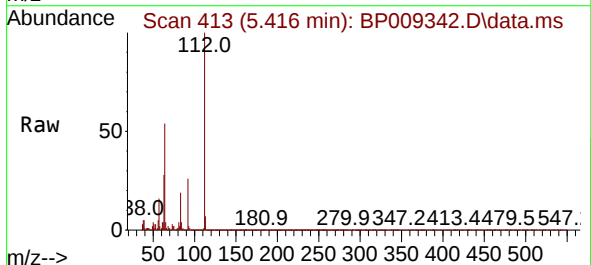
Instrument :
BNA_P
ClientSampleId :
DRUM

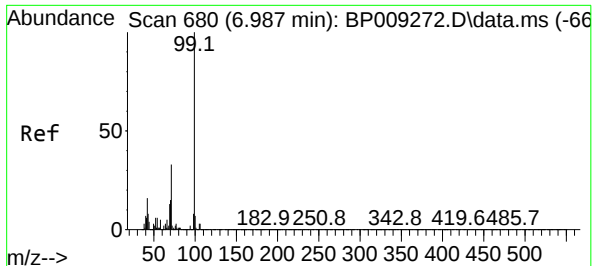
Tgt Ion:152 Resp: 396259
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 59.7 48.2 72.4



#5
2-Fluorophenol
Concen: 123.364 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion:112 Resp: 3348964
Ion Ratio Lower Upper
112 100
64 54.4 45.0 67.4
63 28.3 23.0 34.6

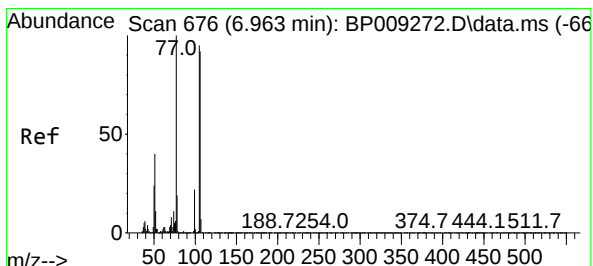
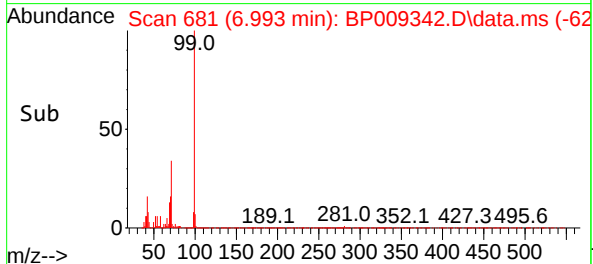
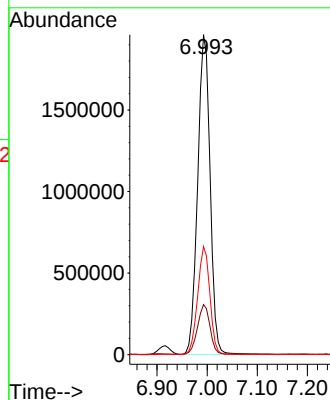
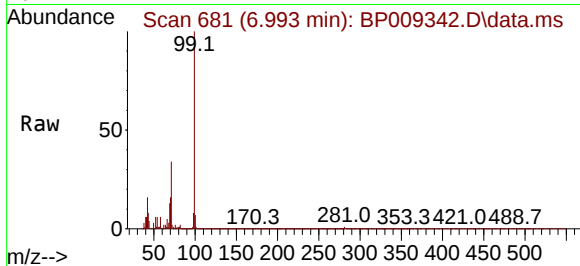




#7
Phenol-d6
Concen: 97.590 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

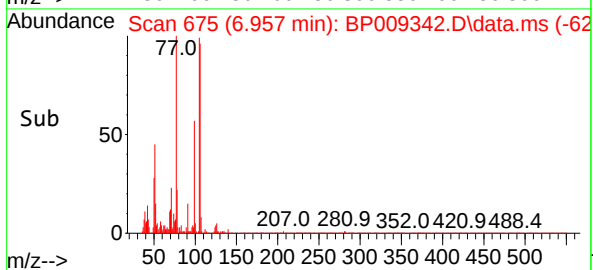
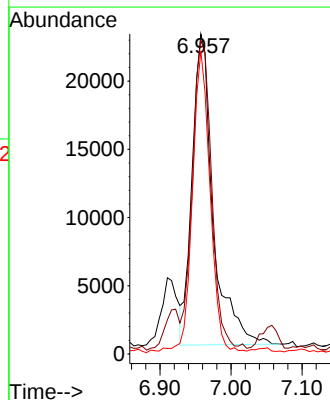
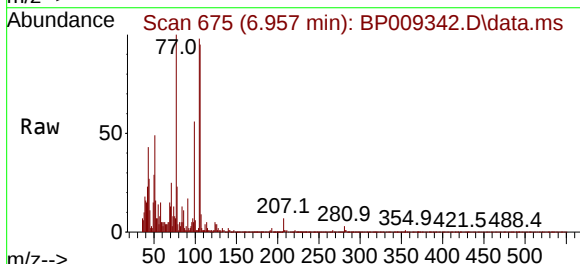
Instrument :
BNA_P
ClientSampleId :
DRUM

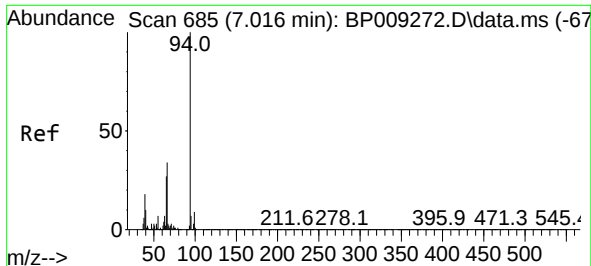
Tgt Ion: 99 Resp: 3366683
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 33.8 26.3 39.5



#9
Benzaldehyde
Concen: 2.123 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion: 77 Resp: 46674
Ion Ratio Lower Upper
77 100
105 98.0 75.2 115.2
106 94.7 72.3 112.3

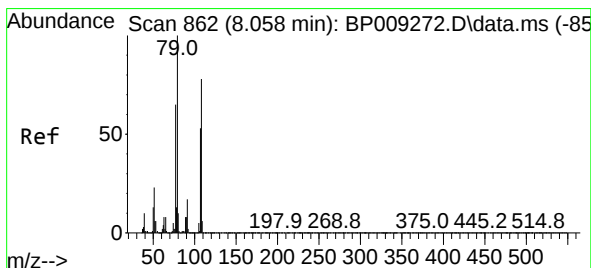
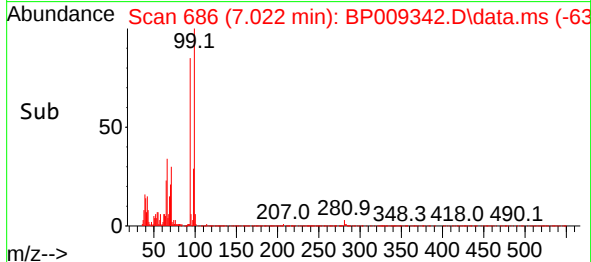
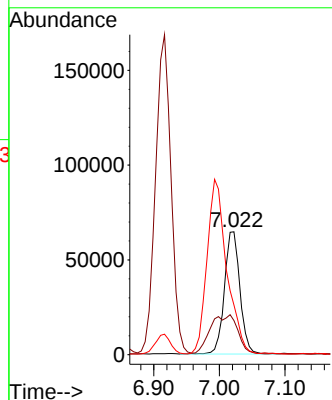
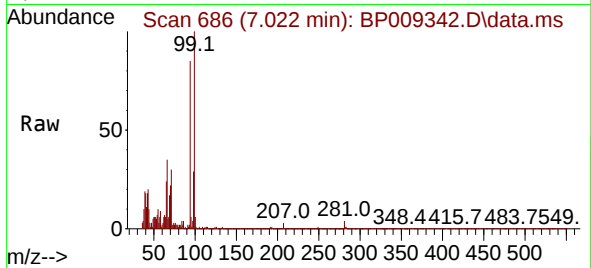




#10
Phenol
Concen: 2.975 ng
RT: 7.022 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

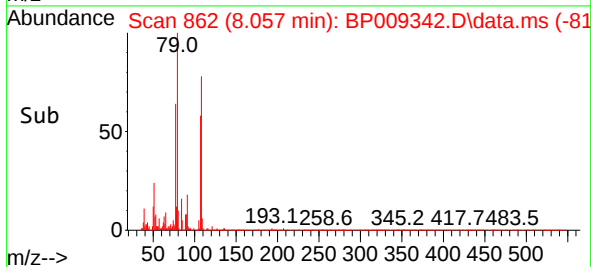
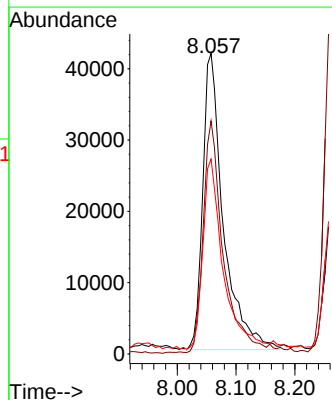
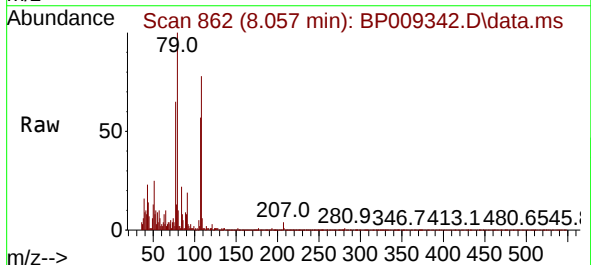
Instrument :
BNA_P
ClientSampleId :
DRUM

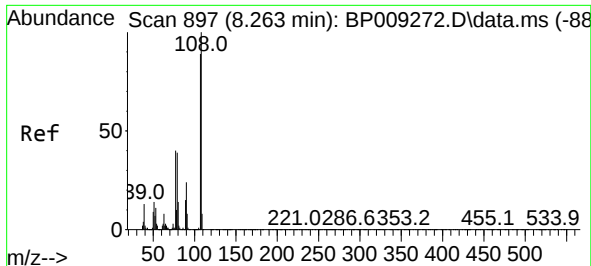
Tgt Ion: 94 Resp: 106260
Ion Ratio Lower Upper
94 100
65 27.7 7.2 47.2
66 40.4 14.3 54.3



#15
Benzyl Alcohol
Concen: 4.179 ng
RT: 8.057 min Scan# 862
Delta R.T. -0.000 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion: 79 Resp: 101668
Ion Ratio Lower Upper
79 100
108 77.6 62.5 93.7
77 64.8 51.7 77.5

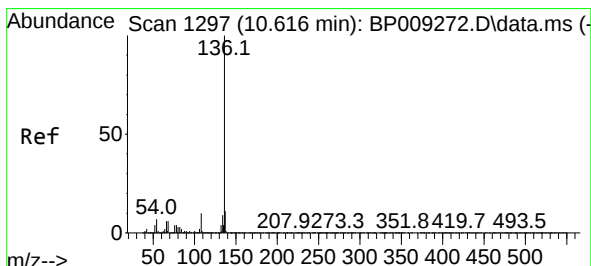
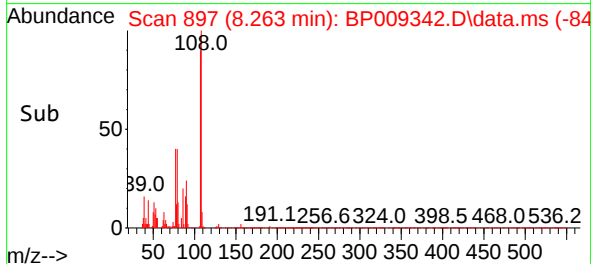
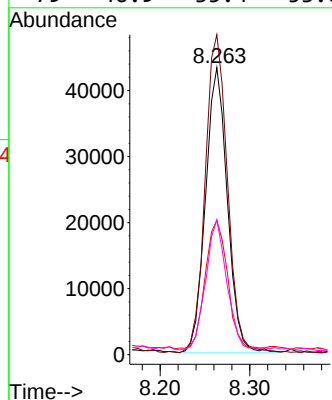
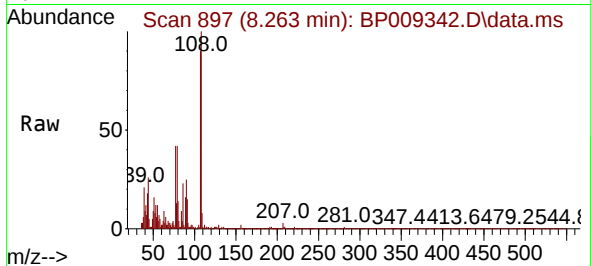




#17
2-Methylphenol
Concen: 3.156 ng
RT: 8.263 min Scan# 897
Delta R.T. -0.000 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

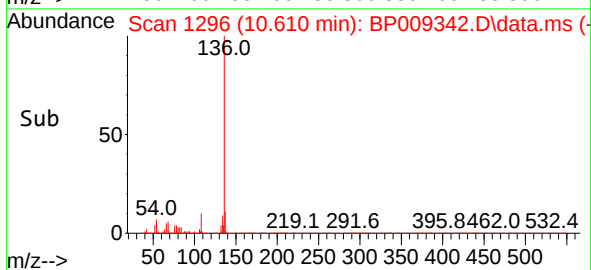
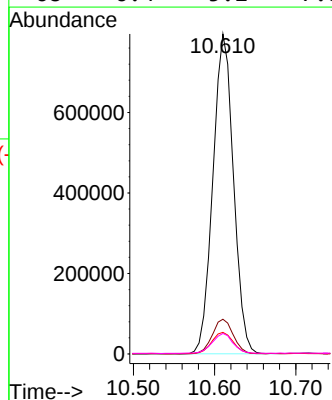
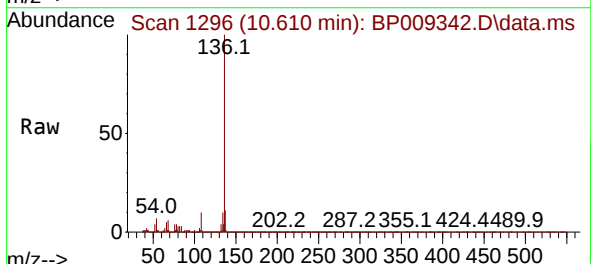
Instrument :
BNA_P
ClientSampleId :
DRUM

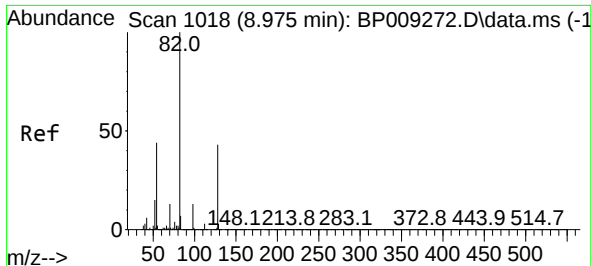
Tgt Ion:	107	Resp:	72983
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.2	135.2
77	46.9	36.3	54.5
79	46.9	35.4	53.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion:	136	Resp:	1400428
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.8	5.8	8.8
68	6.4	5.2	7.8

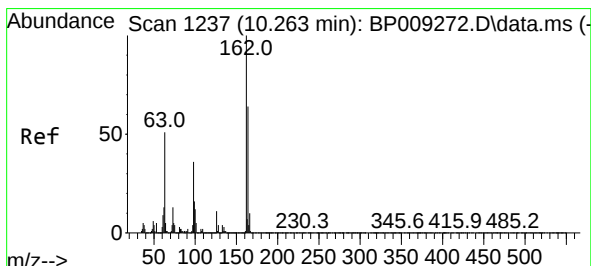
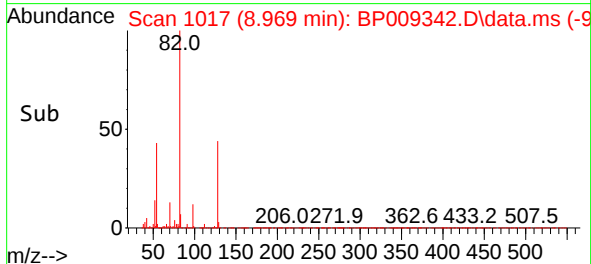
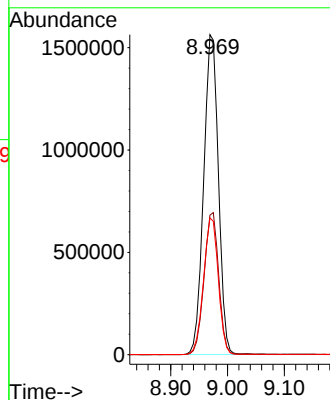
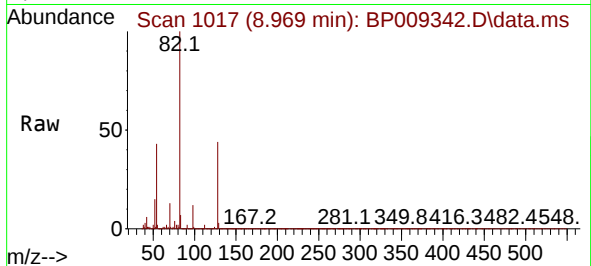




#23
Nitrobenzene-d5
Concen: 110.748 ng
RT: 8.969 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

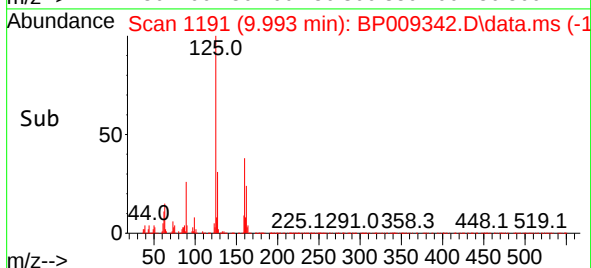
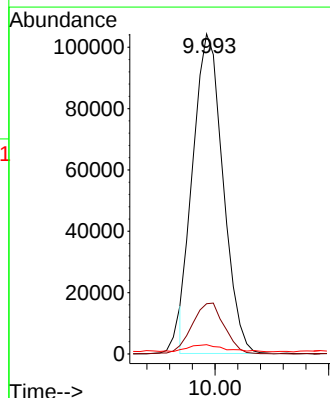
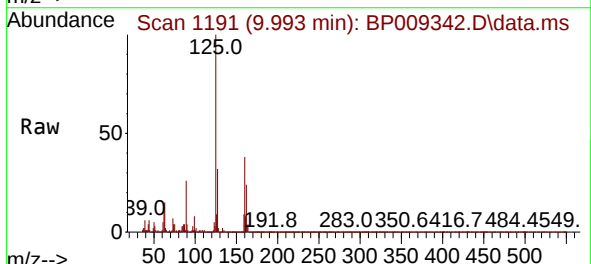
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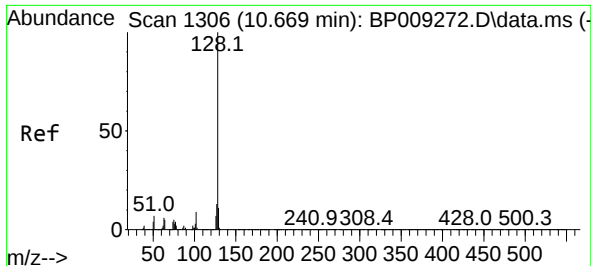
Tgt Ion: 82 Resp: 2815871
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 42.8 34.7 52.1



#29
2,4-Dichlorophenol
Concen: 8.603 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.271 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion:162 Resp: 190499
Ion Ratio Lower Upper
162 100
164 15.7 44.3 84.3#
98 2.9 15.6 55.6#

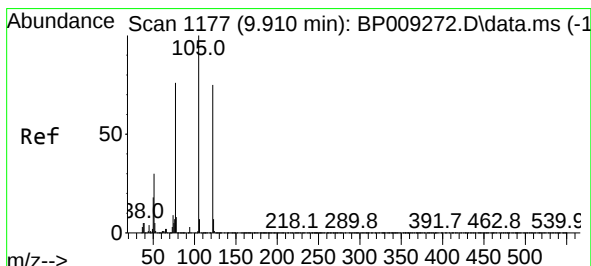
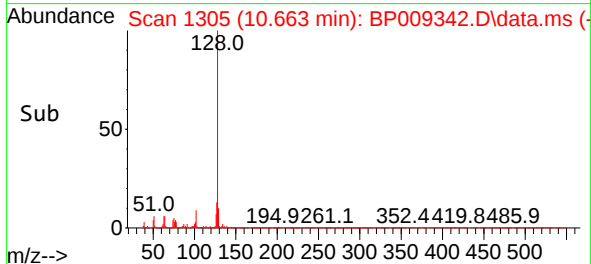
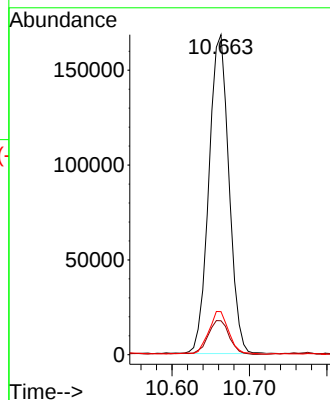
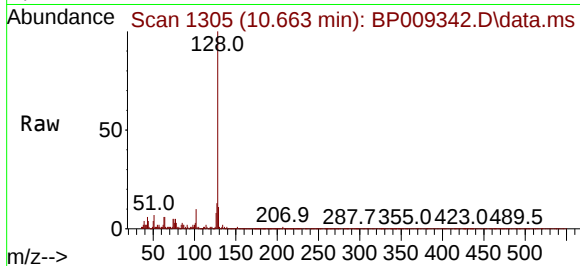




#31
Naphthalene
Concen: 3.887 ng
RT: 10.663 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

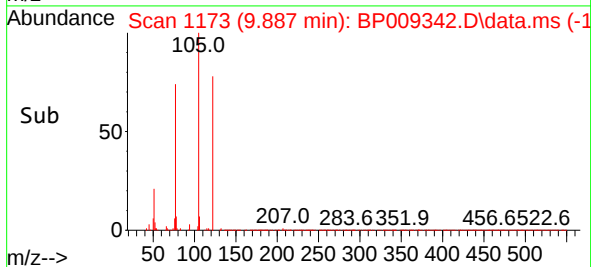
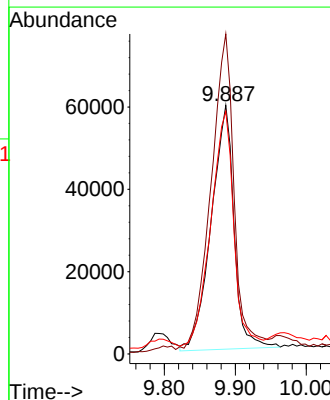
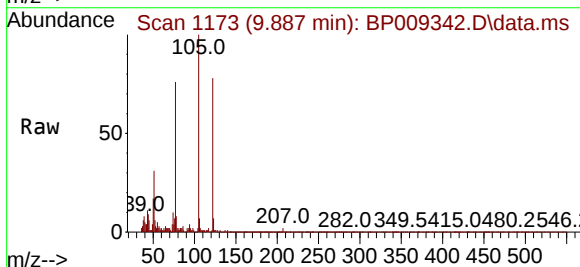
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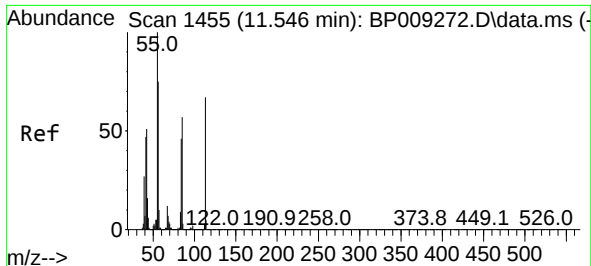
Tgt Ion:128 Resp: 301439
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 11.301 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.024 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion:122 Resp: 131778
Ion Ratio Lower Upper
122 100
105 128.7 110.5 150.5
77 97.5 79.9 119.9

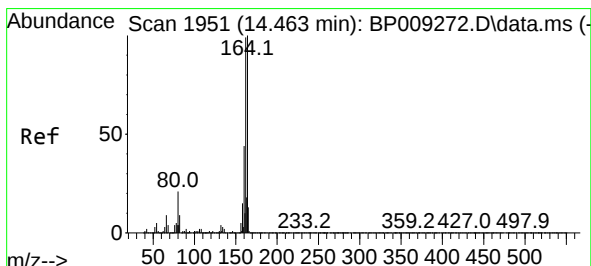
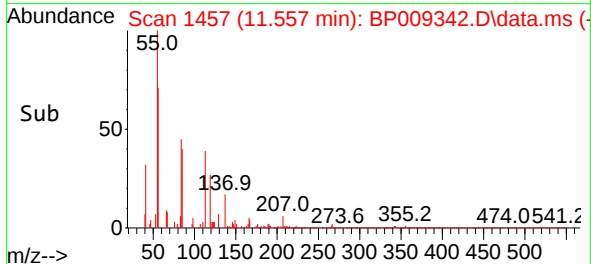
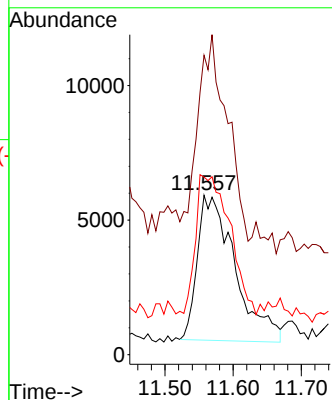
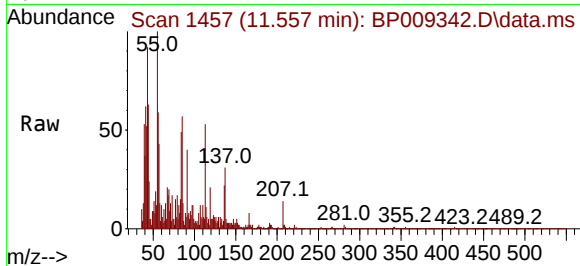




#35
Caprolactam
Concen: 3.188 ng
RT: 11.557 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

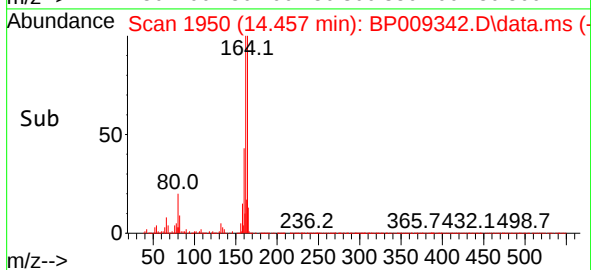
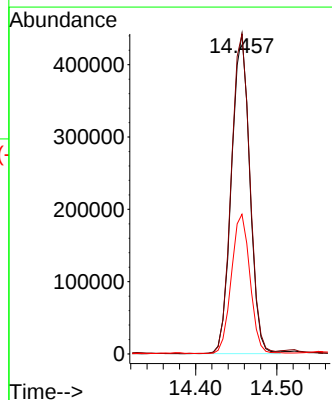
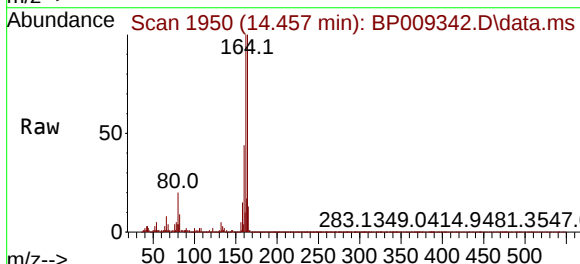
Instrument :
BNA_P
ClientSampleId :
DRUM

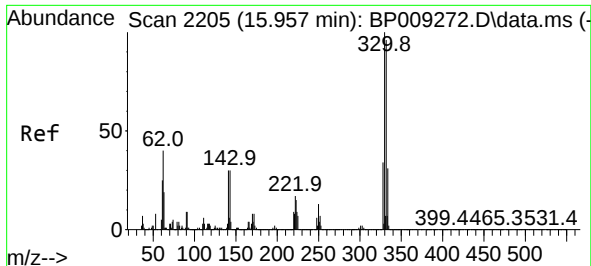
Tgt Ion:113 Resp: 20776
Ion Ratio Lower Upper
113 100
55 187.9 128.4 168.4#
56 111.5 90.9 130.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion:164 Resp: 690879
Ion Ratio Lower Upper
164 100
162 99.9 79.1 118.7
160 43.6 34.9 52.3

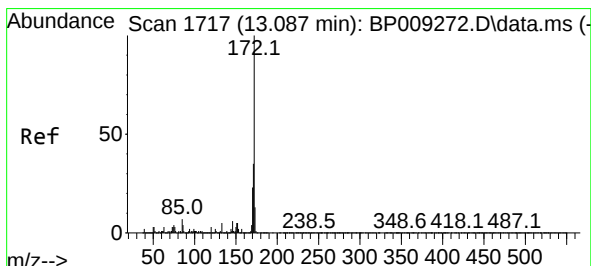
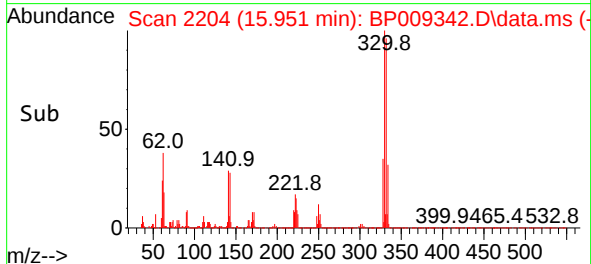
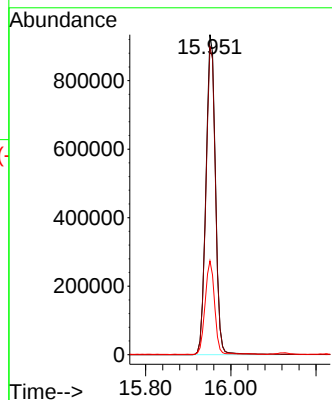
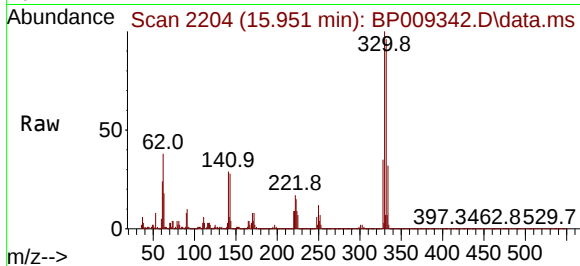




#42
2,4,6-Tribromophenol
Concen: 172.601 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

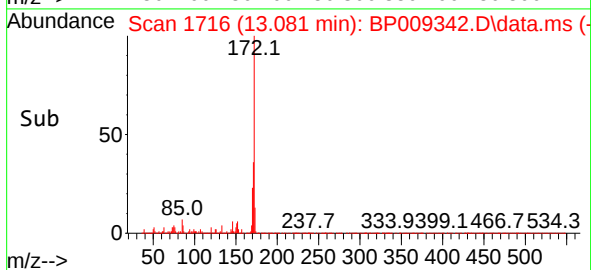
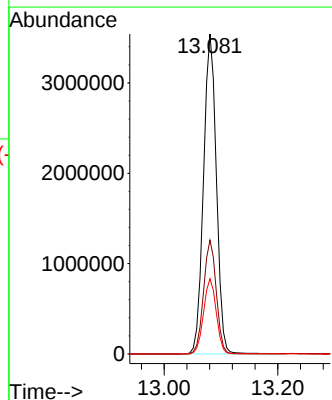
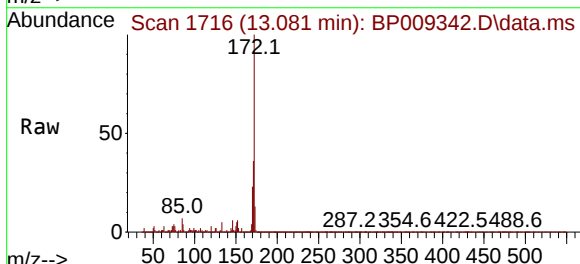
Instrument :
BNA_P
ClientSampleId :
DRUM

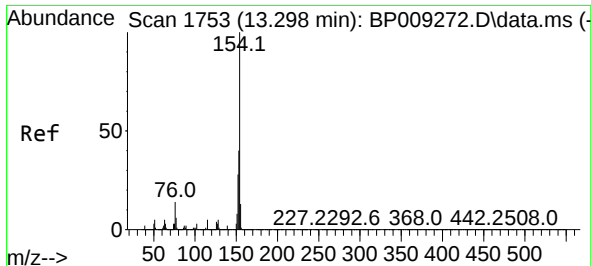
Tgt Ion:330 Resp: 1439905
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 29.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 110.630 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion:172 Resp: 5557864
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.5 18.6 27.8

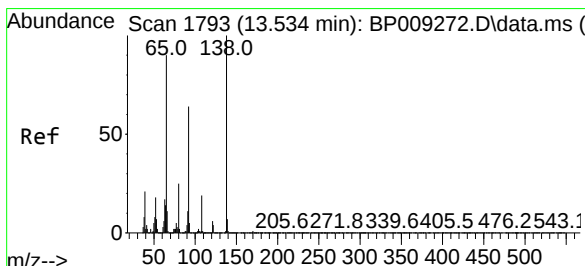
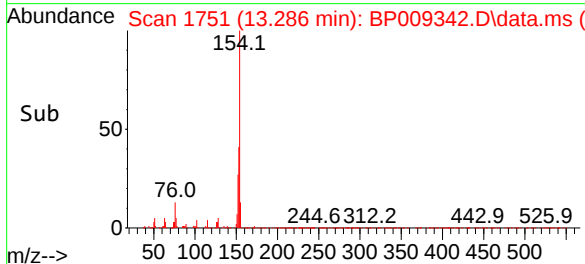
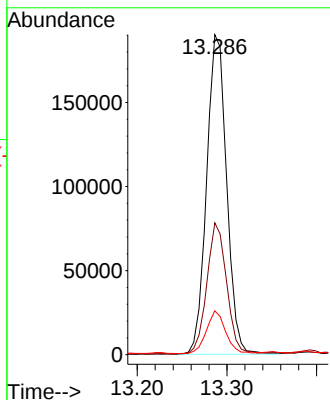
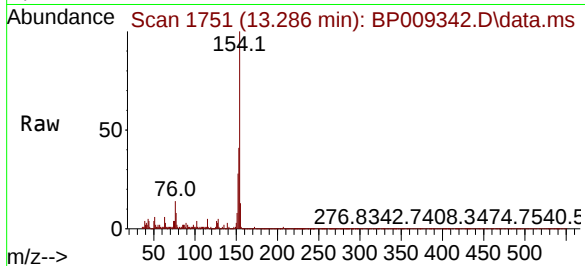




#46
1,1'-Biphenyl
Concen: 5.219 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

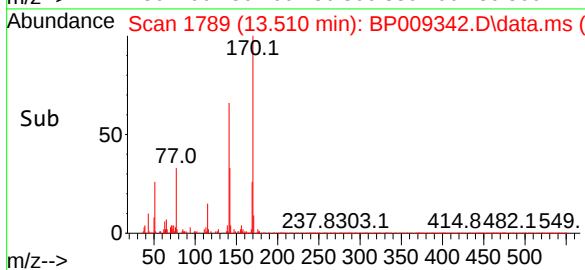
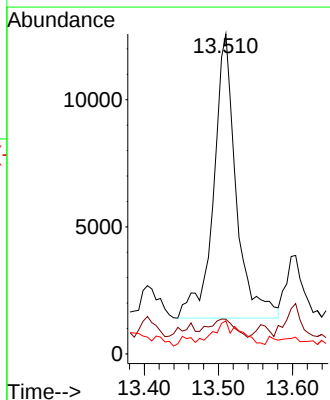
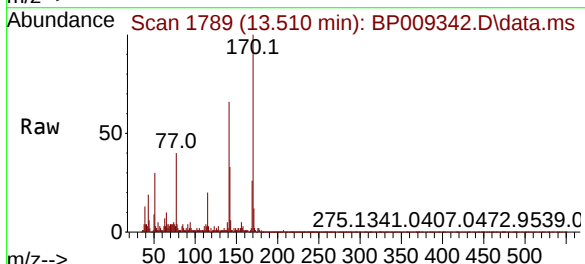
Instrument :
BNA_P
ClientSampleId :
DRUM

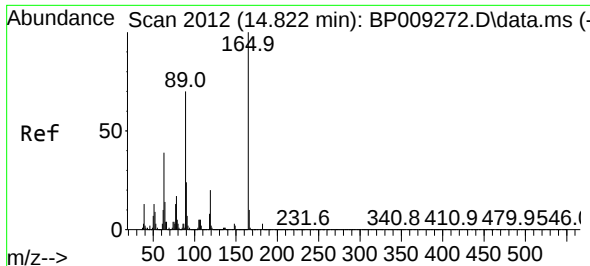
Tgt Ion:154 Resp: 294402
Ion Ratio Lower Upper
154 100
153 41.2 20.2 60.2
76 13.7 0.0 34.0



#48
2-Nitroaniline
Concen: 2.392 ng
RT: 13.510 min Scan# 1789
Delta R.T. -0.024 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion: 65 Resp: 23503
Ion Ratio Lower Upper
65 100
92 10.8 56.9 85.3#
138 10.4 89.3 133.9#

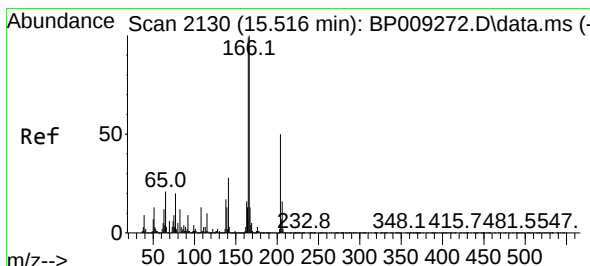
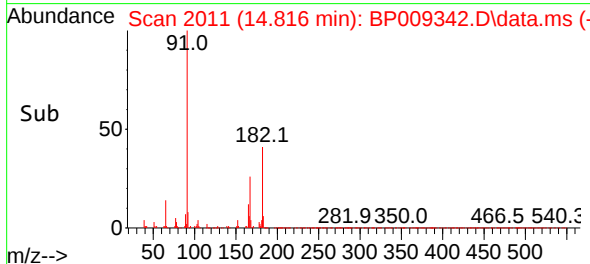
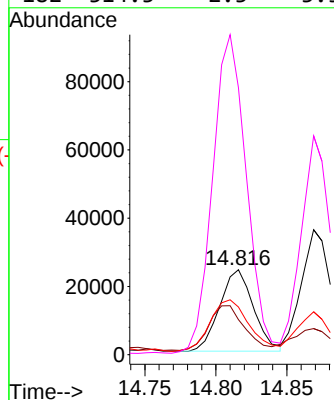
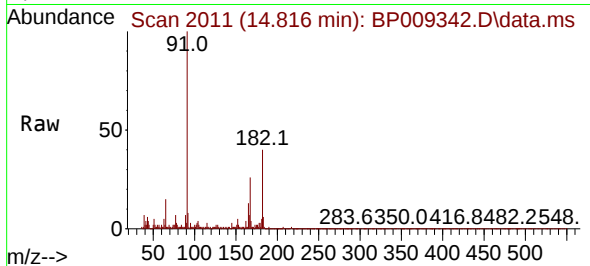




#57
2,4-Dinitrotoluene
Concen: 3.056 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

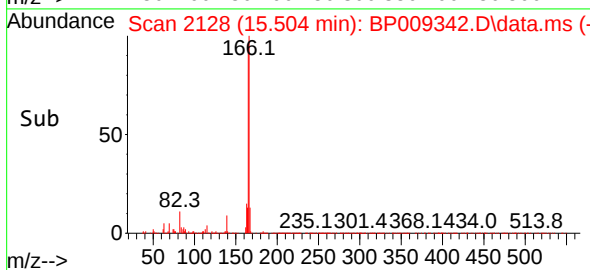
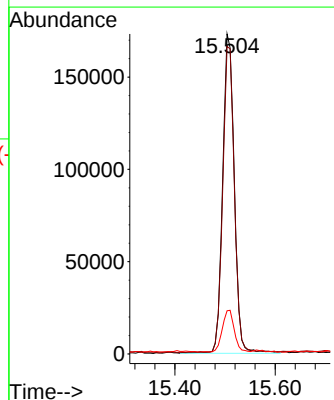
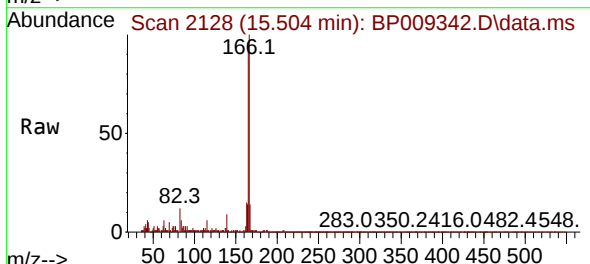
Instrument :
BNA_P
ClientSampleId :
DRUM

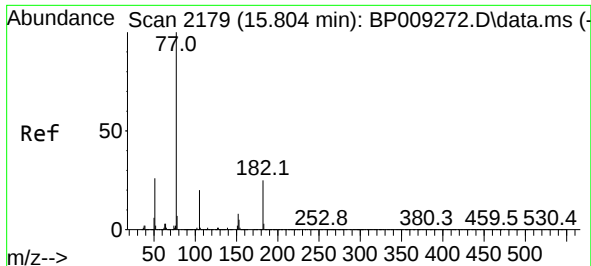
Tgt Ion:165 Resp: 39380
Ion Ratio Lower Upper
165 100
63 41.3 31.4 47.2
89 56.2 55.9 83.9
182 314.3 2.3 3.5#



#58
Fluorene
Concen: 5.572 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion:166 Resp: 279673
Ion Ratio Lower Upper
166 100
165 96.1 79.2 118.8
167 13.5 10.7 16.1

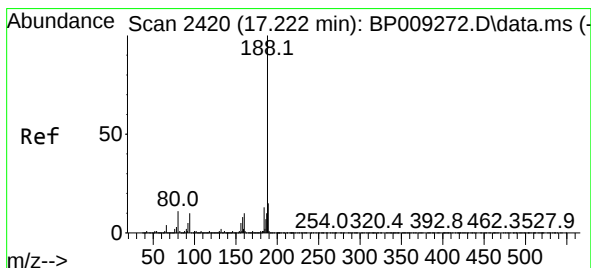
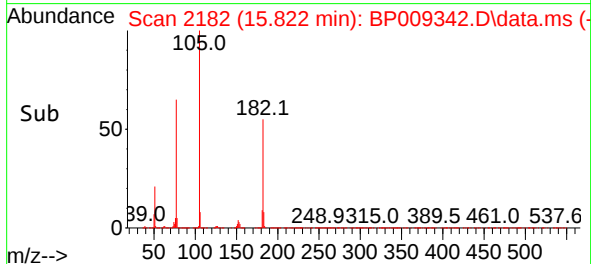
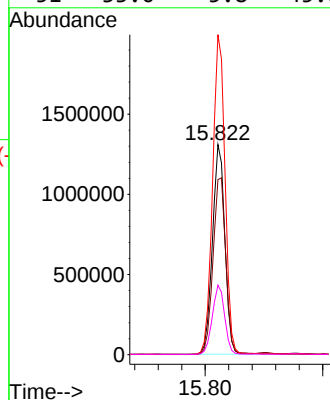
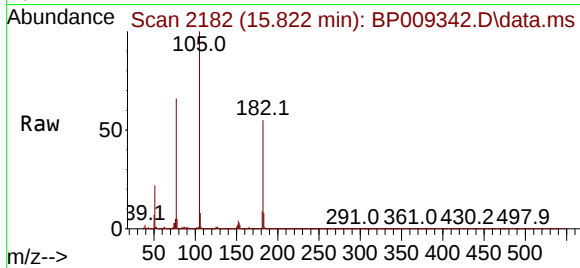




#63
Azobenzene
Concen: 39.477 ng
RT: 15.822 min Scan# 2179
Delta R.T. 0.017 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

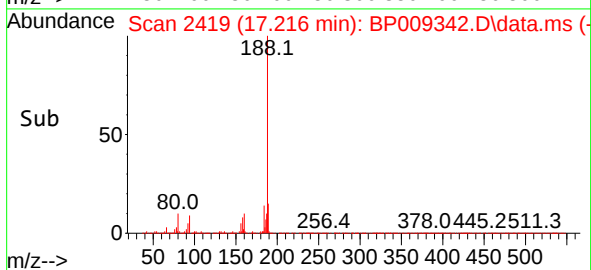
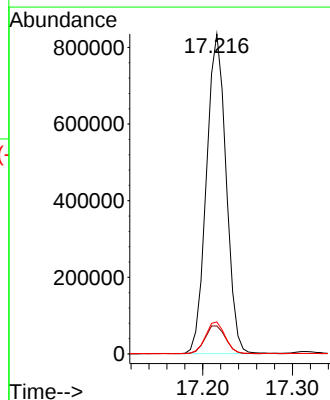
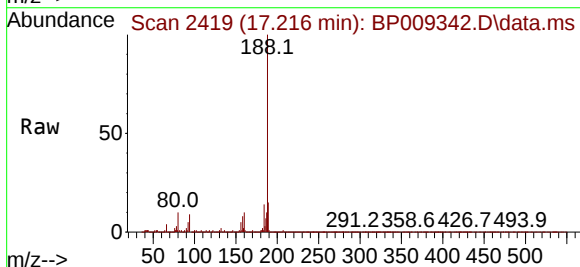
Instrument :
BNA_P
ClientSampleId :
DRUM

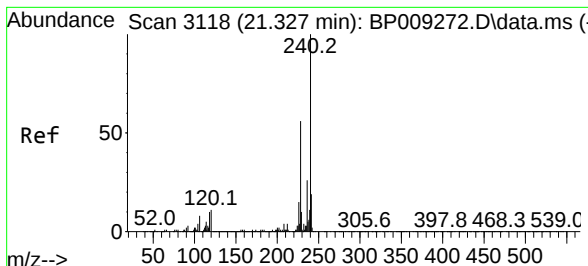
Tgt Ion: 77 Resp: 1924127
Ion Ratio Lower Upper
77 100
182 83.3 5.4 45.4#
105 152.3 0.3 40.3#
51 33.0 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009342.D
Acq: 10 Mar 2022 13:54

Tgt Ion:188 Resp: 1272000
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 10.0 8.8 13.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.321 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP009342.D

Acq: 10 Mar 2022 13:54

Instrument :

BNA_P

ClientSampleId :

DRUM

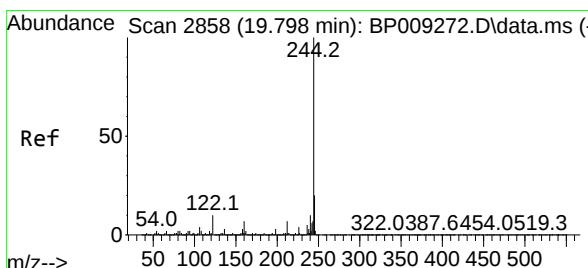
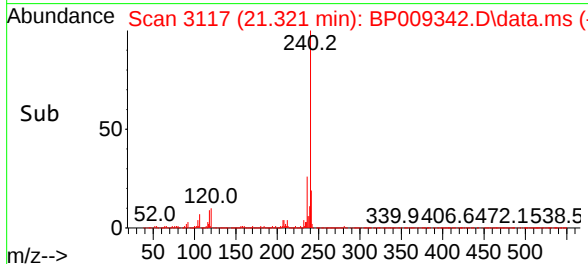
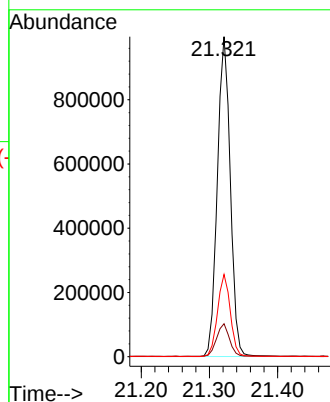
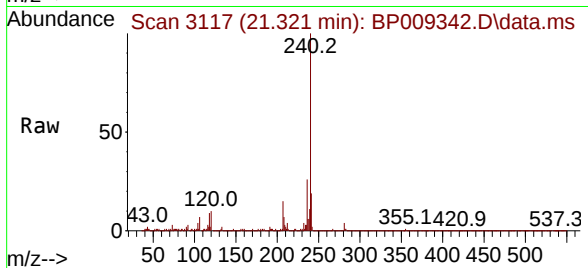
Tgt Ion:240 Resp: 1316159

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 25.7 20.6 30.8



#79

Terphenyl-d14

Concen: 98.162 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP009342.D

Acq: 10 Mar 2022 13:54

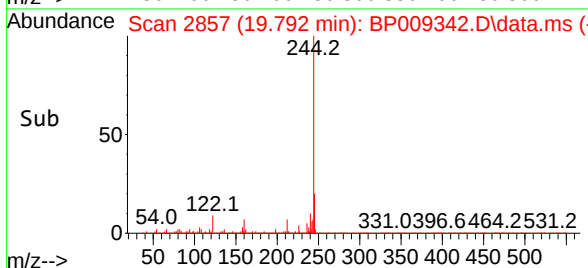
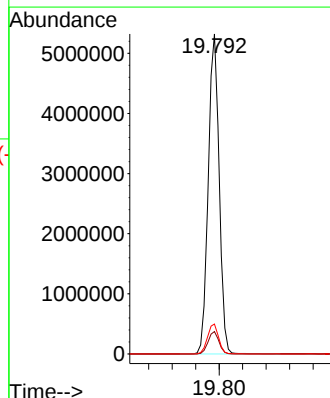
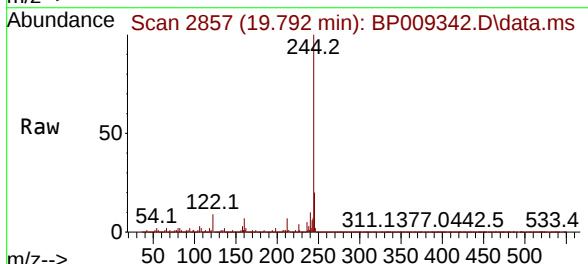
Tgt Ion:244 Resp: 6846202

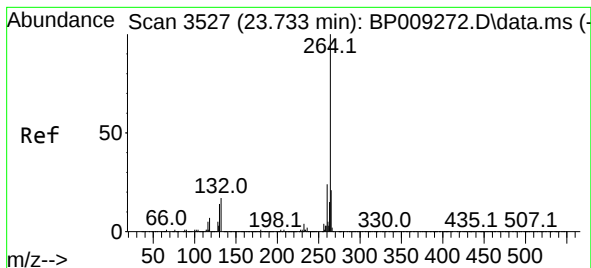
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.4 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP009342.D

Acq: 10 Mar 2022 13:54

Instrument :

BNA_P

ClientSampleId :

DRUM

Tgt Ion:264 Resp: 397538

Ion Ratio Lower Upper

264 100

260 25.8 19.4 29.0

265 23.5 17.2 25.8

