

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009227.D
 Acq On : 18 Feb 2022 22:37
 Operator : CG/JU
 Sample : N1466-10DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A5-10-4.0DL

Quant Time: Feb 19 00:51:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

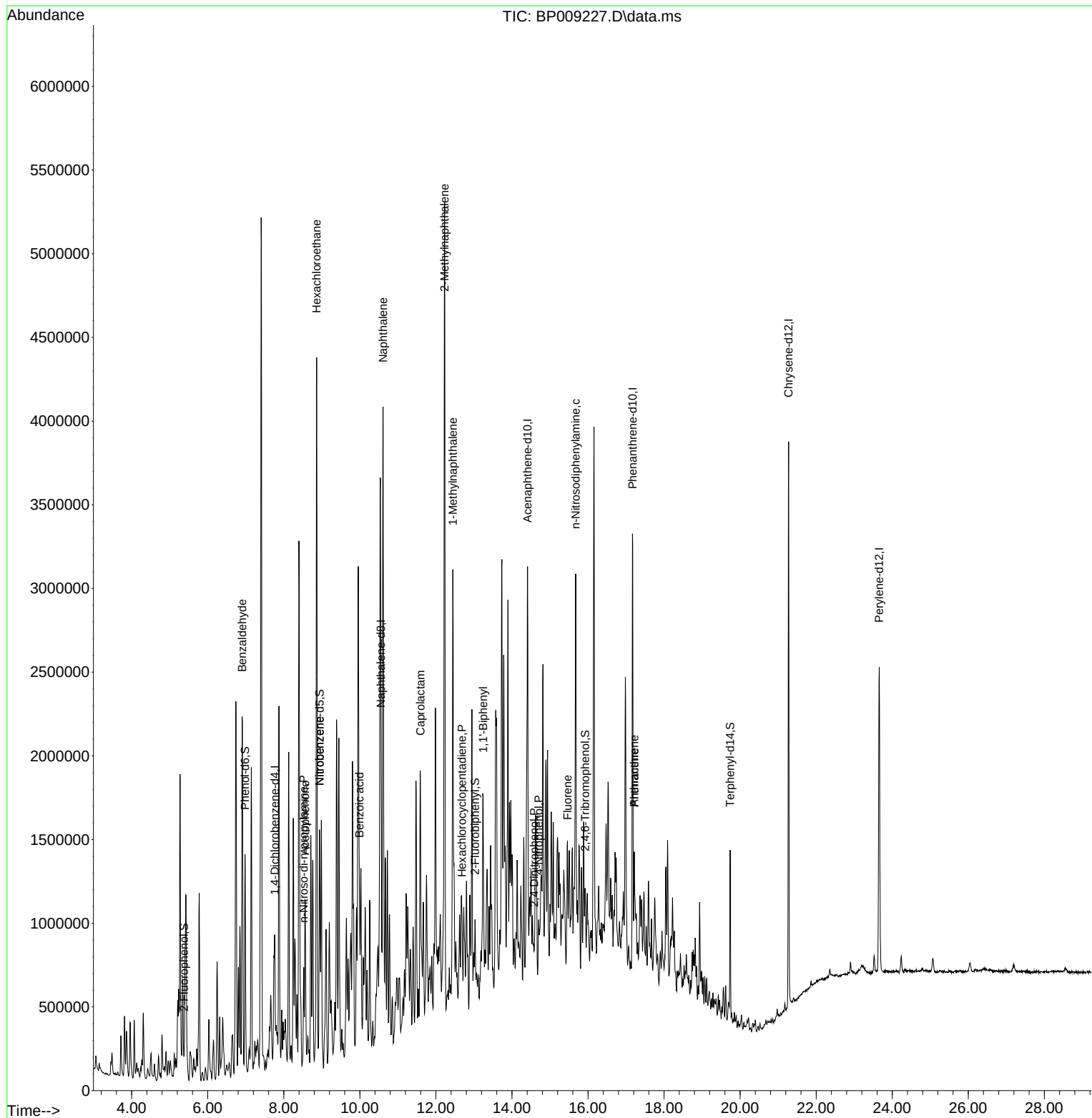
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	257117	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1038280	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	734536	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1585017	20.000	ng	0.00
76) Chrysene-d12	21.275	240	1716631	20.000	ng	0.00
86) Perylene-d12	23.657	264	1522099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	88774	6.159	ng	0.01
7) Phenol-d6	6.981	99	123925	6.525	ng	0.02
23) Nitrobenzene-d5	8.940	82	90360	4.908	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	50684	5.168	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	283393	5.401	ng	0.00
79) Terphenyl-d14	19.739	244	488552	5.118	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	6.905	77	130815	13.598	ng	# 1
18) Hexachloroethane	8.863	117	404118	63.519	ng	# 1
19) n-Nitroso-di-n-propyla...	8.522	70	21912	2.015	ng	# 44
22) Acetophenone	8.558	105	699296	28.811	ng	# 61
24) Nitrobenzene	8.940	77	48927	2.811	ng	# 11
31) Naphthalene	10.610	128	2404845	45.412	ng	# 98
32) Benzoic acid	9.987	122	217	2.712	ng	# 1
35) Caprolactam	11.593	113	69124	14.016	ng	# 43
37) 2-Methylnaphthalene	12.228	142	2512489	67.046	ng	# 98
38) 1-Methylnaphthalene	12.446	142	1274000	34.792	ng	# 99
41) Hexachlorocyclopentadiene	12.687	237	16	8.657	ng	# 90
46) 1,1'-Biphenyl	13.240	154	173977	3.224	ng	# 97
54) 2,4-Dinitrophenol	14.581	184	968	2.377	ng	# 1
56) 4-Nitrophenol	14.704	139	8449	2.763	ng	# 44
58) Fluorene	15.463	166	137866	2.708	ng	# 87
66) n-Nitrosodiphenylamine	15.675	169	184151	3.831	ng	# 52
71) Phenanthrene	17.216	178	409727	4.774	ng	# 97
72) Anthracene	17.216	178	409727	4.880	ng	# 97

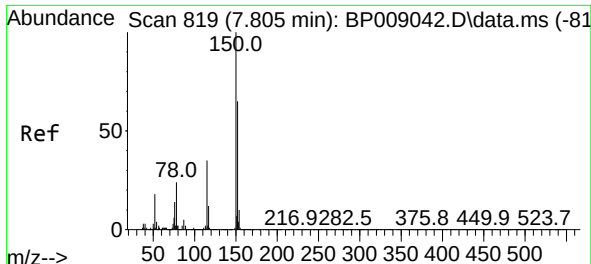
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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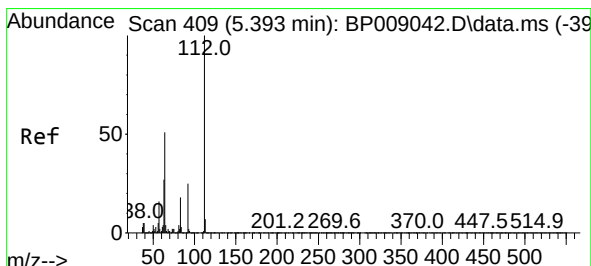
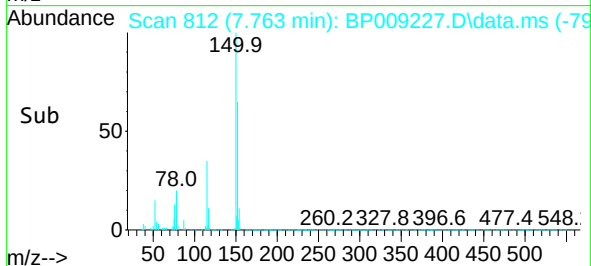
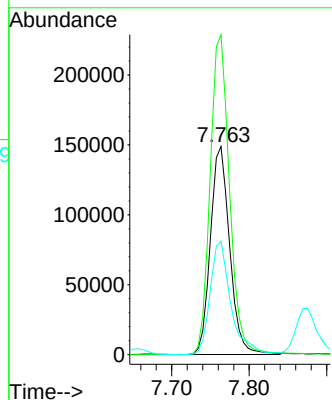
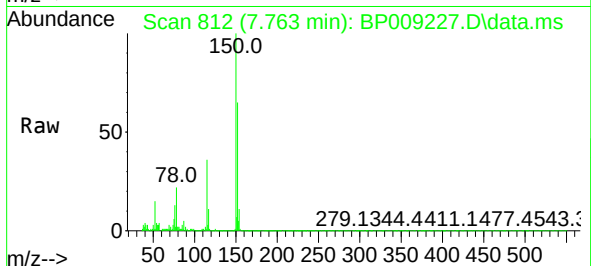




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

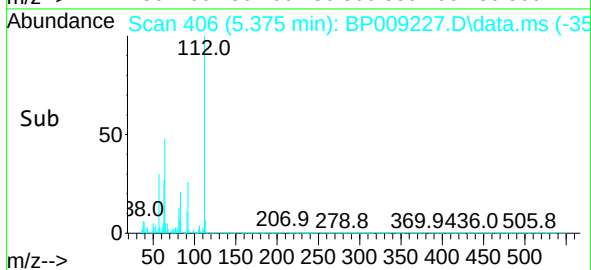
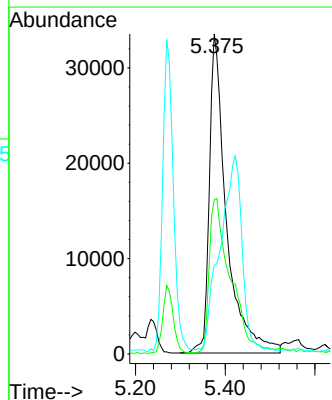
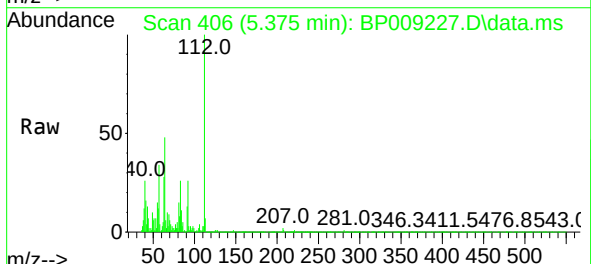
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

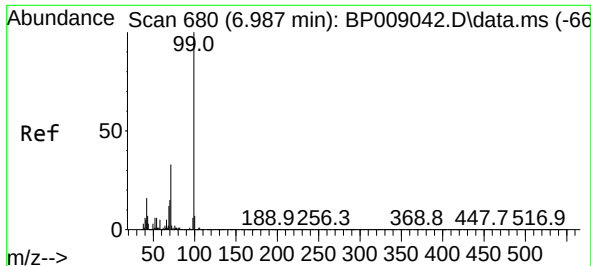
Tgt Ion:152 Resp: 257117
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 54.6 43.7 65.5



#5
2-Fluorophenol
Concen: 6.159 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.012 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:112 Resp: 88774
Ion Ratio Lower Upper
112 100
64 48.2 39.7 59.5
63 27.7 20.0 30.0

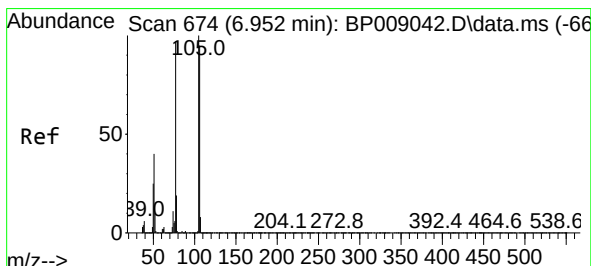
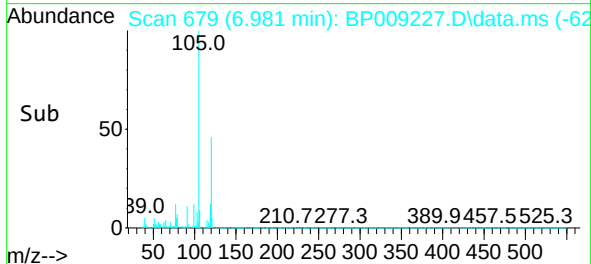
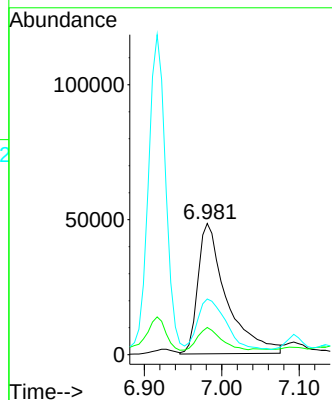
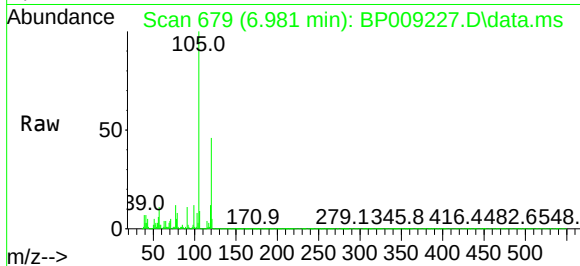




#7
Phenol-d6
Concen: 6.525 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

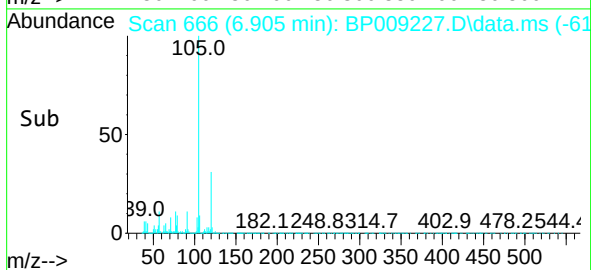
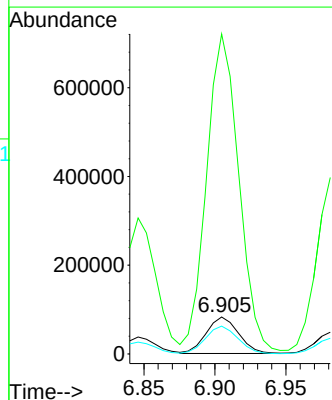
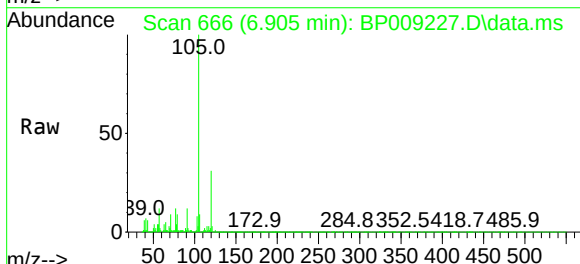
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

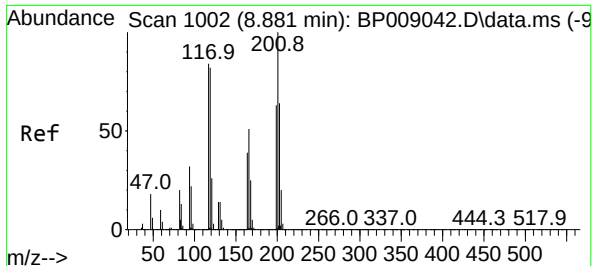
Tgt Ion: 99 Resp: 123925
Ion Ratio Lower Upper
99 100
42 20.7 10.8 16.2#
71 42.4 23.8 35.6#



#9
Benzaldehyde
Concen: 13.598 ng
RT: 6.905 min Scan# 666
Delta R.T. -0.012 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion: 77 Resp: 130815
Ion Ratio Lower Upper
77 100
105 864.0 84.2 124.2#
106 75.4 80.6 120.6#

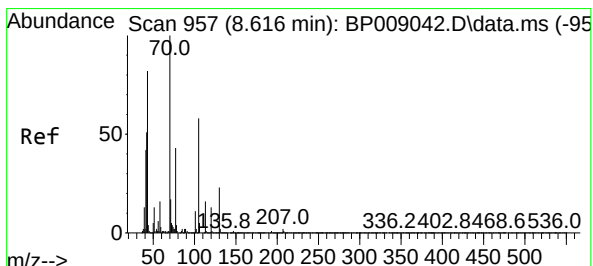
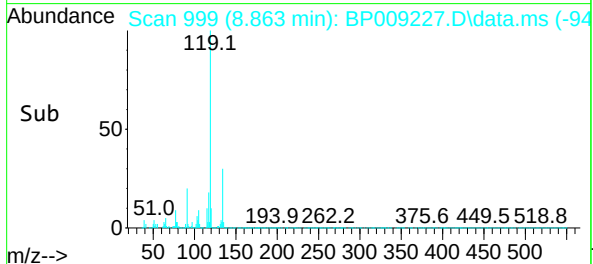
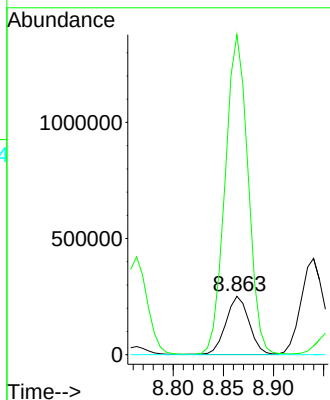
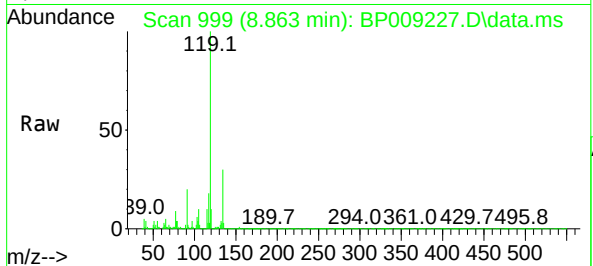




#18
Hexachloroethane
Concen: 63.519 ng
RT: 8.863 min Scan# 941
Delta R.T. 0.029 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

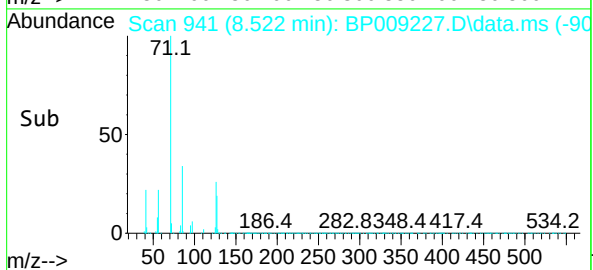
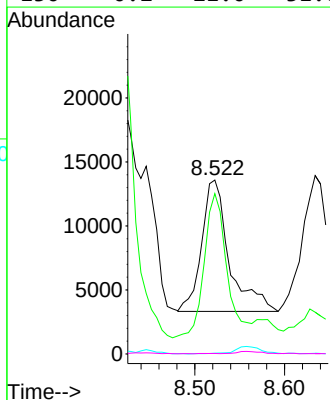
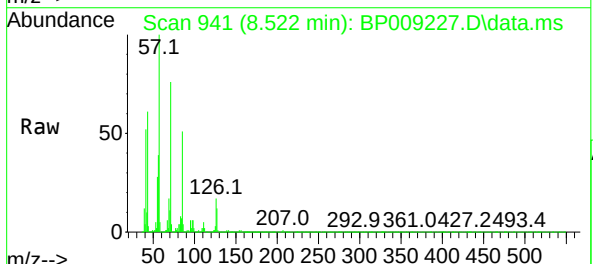
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

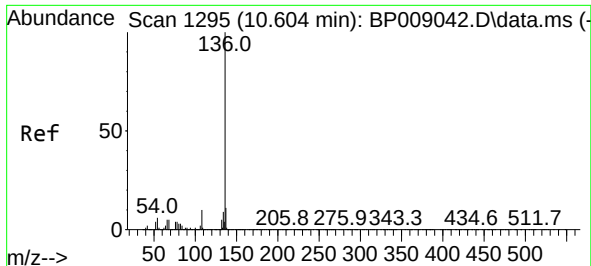
Tgt Ion:117 Resp: 404118
Ion Ratio Lower Upper
117 100
119 547.5 76.9 115.3#
201 0.0 93.7 140.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.015 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.059 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion: 70 Resp: 21912
Ion Ratio Lower Upper
70 100
42 92.1 38.2 57.2#
101 0.4 8.7 13.1#
130 0.2 21.0 31.6#

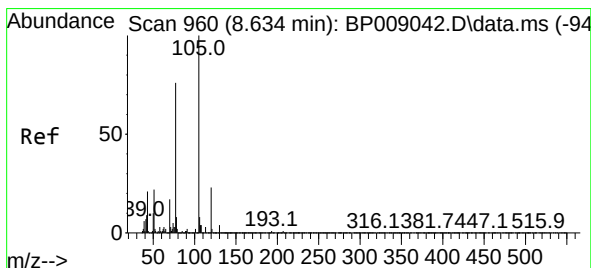
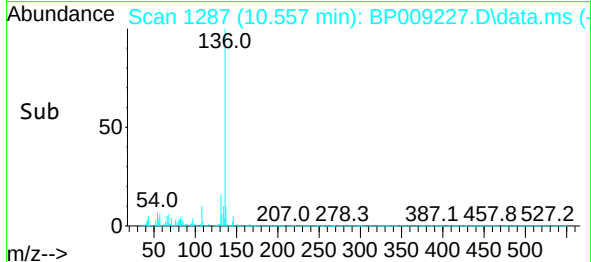
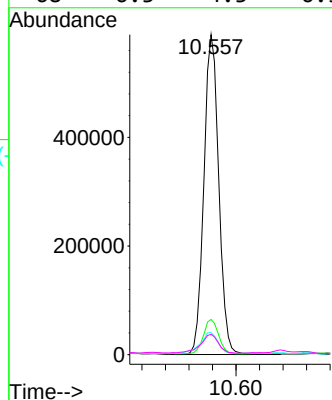
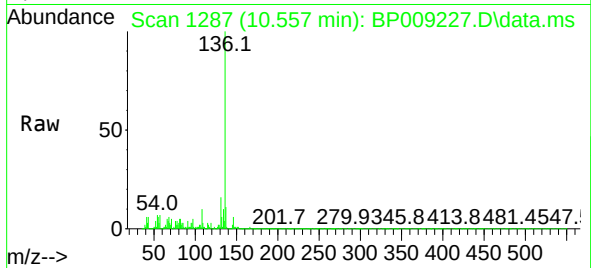




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

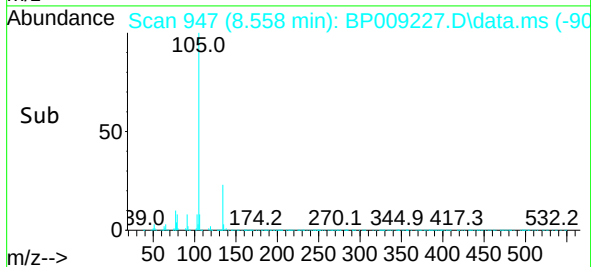
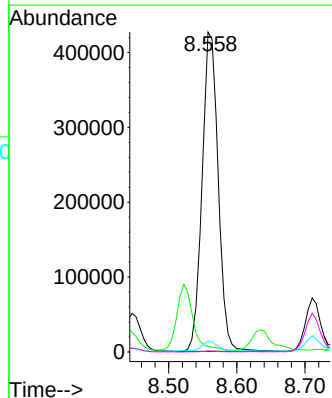
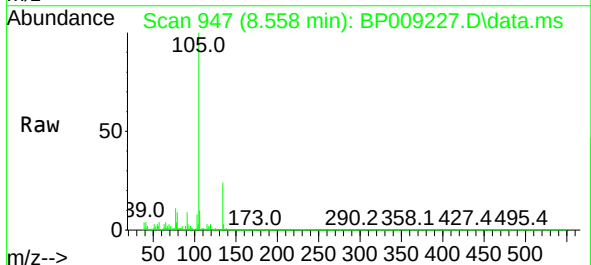
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

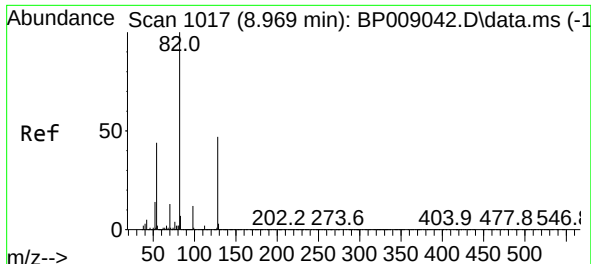
Tgt Ion:136 Resp: 1038280
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.9 4.9 7.3
68 6.3 4.3 6.5



#22
Acetophenone
Concen: 28.811 ng
RT: 8.558 min Scan# 947
Delta R.T. -0.041 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:105 Resp: 699296
Ion Ratio Lower Upper
105 100
71 1.7 5.3 7.9#
51 3.4 16.3 24.5#
120 0.3 19.2 28.8#





#23

Nitrobenzene-d5

Concen: 4.908 ng

RT: 8.940 min Scan# 1012

Delta R.T. 0.006 min

Lab File: BP009227.D

Acq: 18 Feb 2022 22:37

Instrument :

BNA_P

ClientSampleId :

A5-10-4.0DL

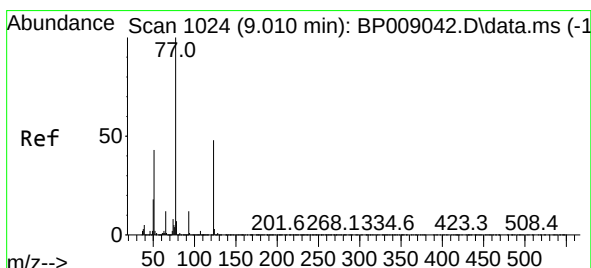
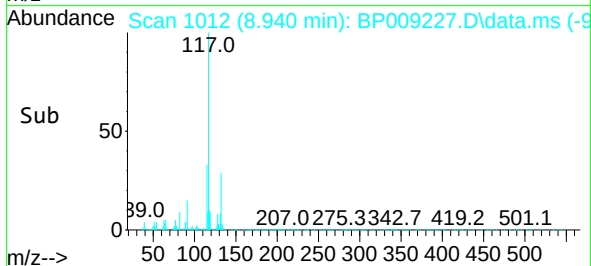
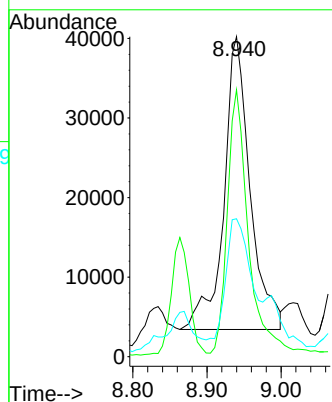
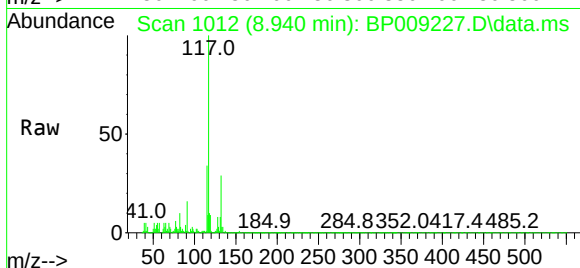
Tgt Ion: 82 Resp: 90360

Ion Ratio Lower Upper

82 100

128 83.4 39.4 59.2#

54 43.1 32.6 48.8



#24

Nitrobenzene

Concen: 2.811 ng

RT: 8.940 min Scan# 1012

Delta R.T. -0.035 min

Lab File: BP009227.D

Acq: 18 Feb 2022 22:37

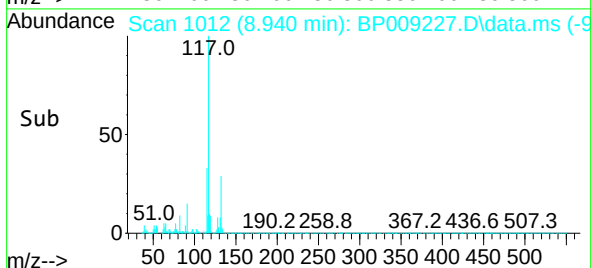
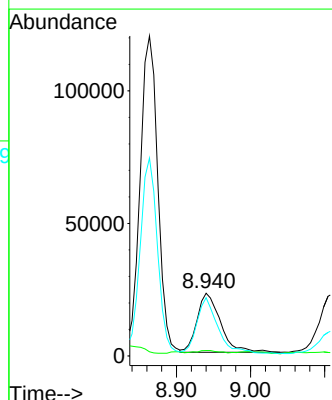
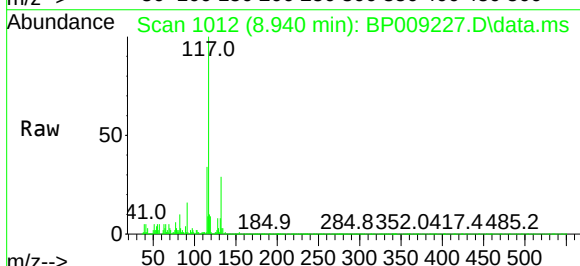
Tgt Ion: 77 Resp: 48927

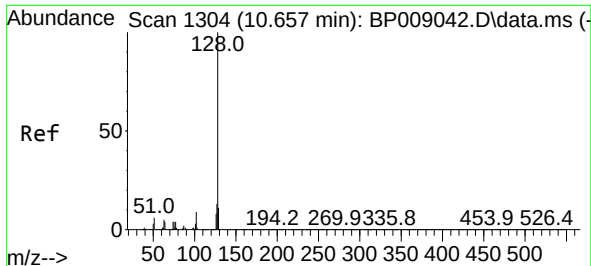
Ion Ratio Lower Upper

77 100

123 8.7 41.4 62.2#

65 92.9 9.8 14.8#

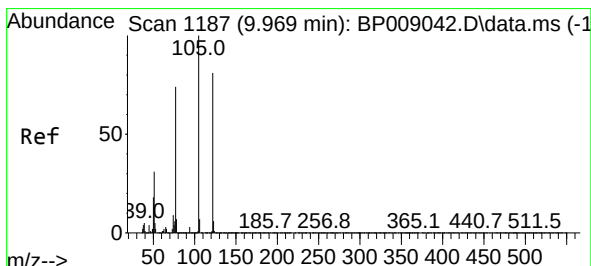
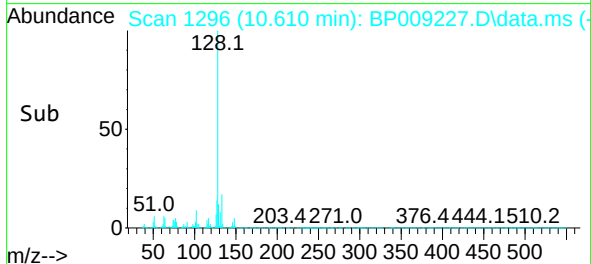
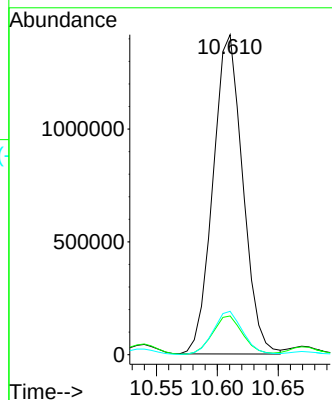
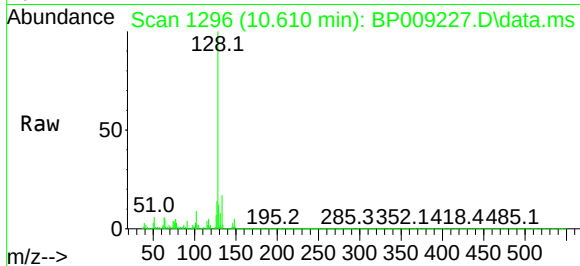




#31
Naphthalene
Concen: 45.412 ng
RT: 10.610 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

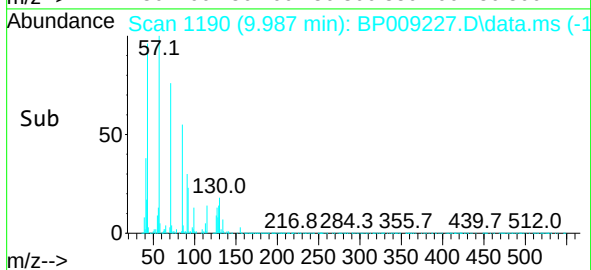
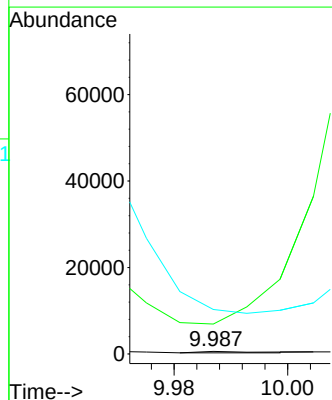
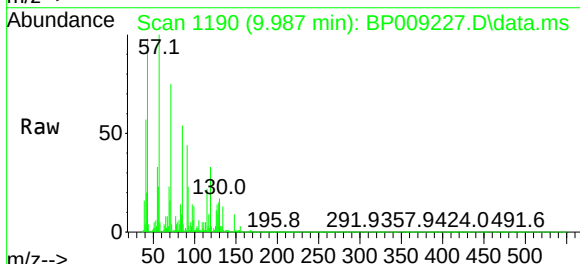
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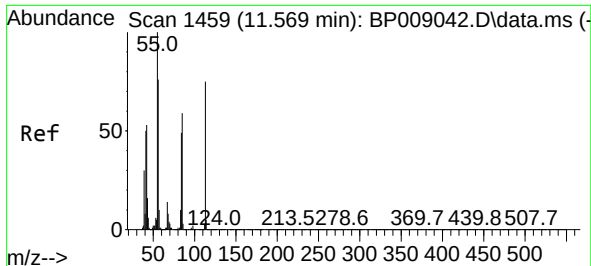
Tgt Ion:128 Resp: 2404845
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 2.712 ng
RT: 9.987 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:122 Resp: 217
Ion Ratio Lower Upper
122 100
105 1161.2 100.1 140.1#
77 1727.9 65.5 105.5#

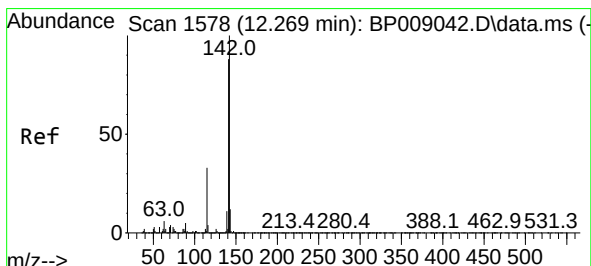
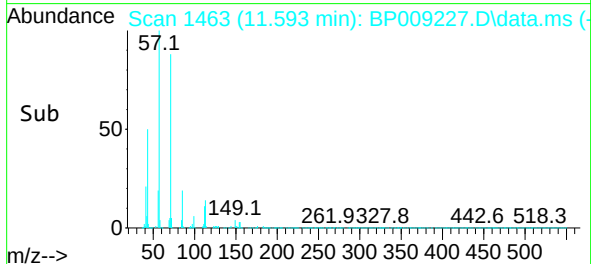
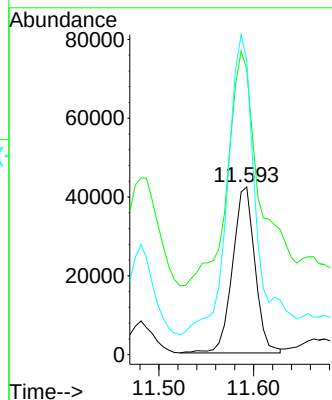
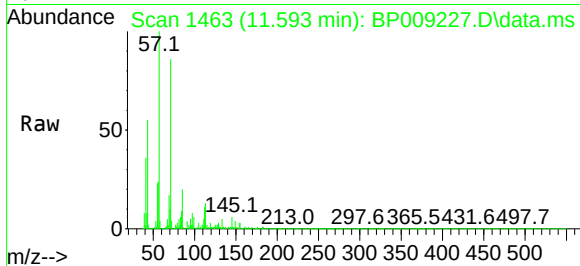




#35
Caprolactam
Concen: 14.016 ng
RT: 11.593 min Scan# 1459
Delta R.T. 0.029 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

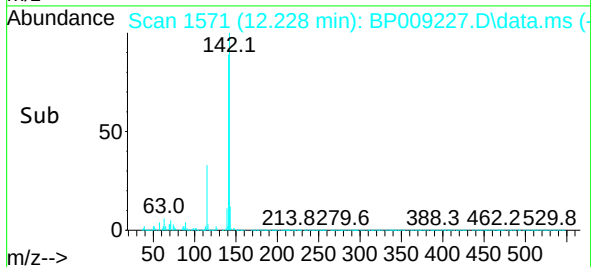
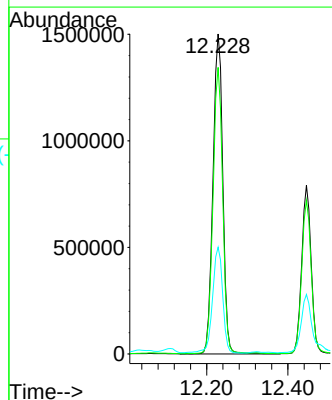
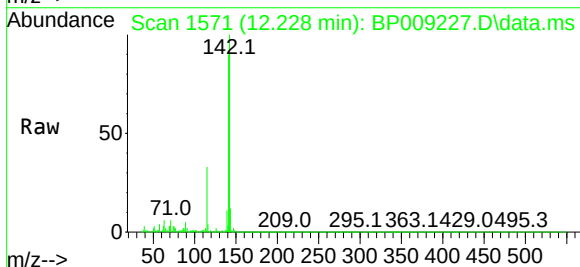
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A5-10-4.0DL

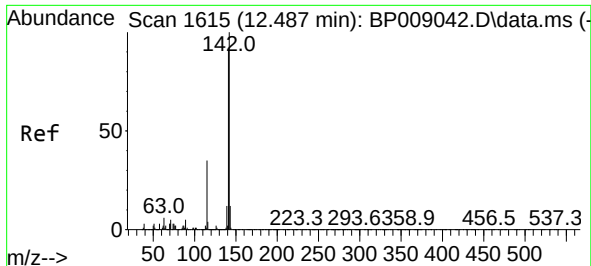
Tgt Ion:113 Resp: 69124
Ion Ratio Lower Upper
113 100
55 170.0 107.1 147.1#
56 175.3 74.1 114.1#



#37
2-Methylnaphthalene
Concen: 67.046 ng
RT: 12.228 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:142 Resp: 2512489
Ion Ratio Lower Upper
142 100
141 89.5 70.5 105.7
115 33.4 24.6 36.8

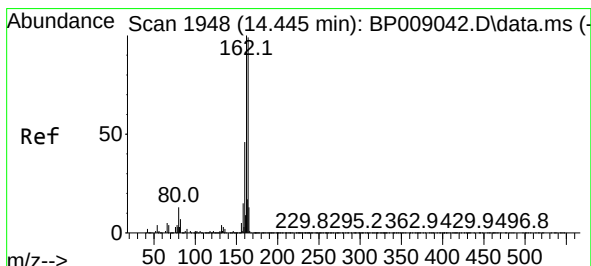
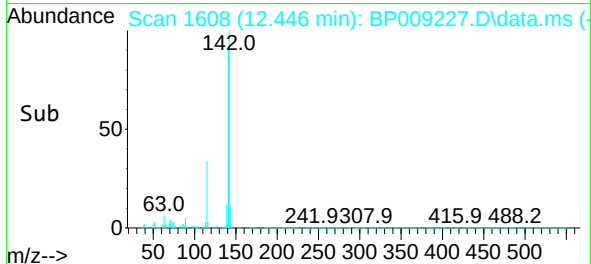
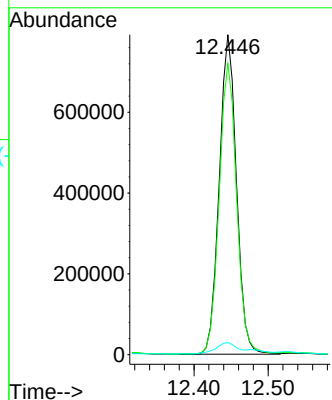
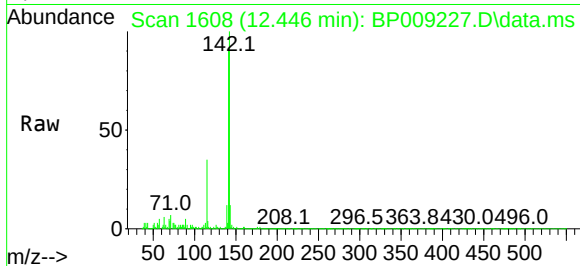




#38
1-Methylnaphthalene
Concen: 34.792 ng
RT: 12.446 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

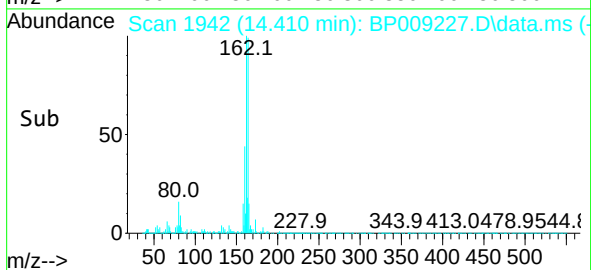
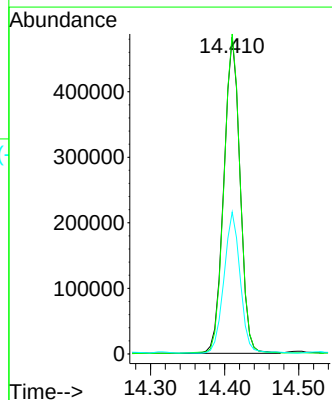
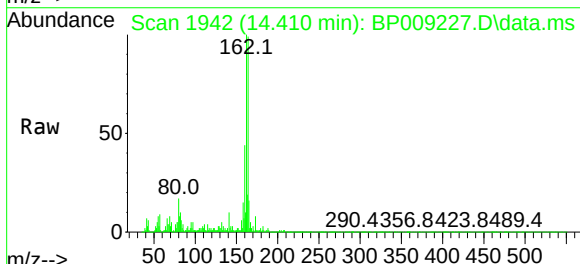
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

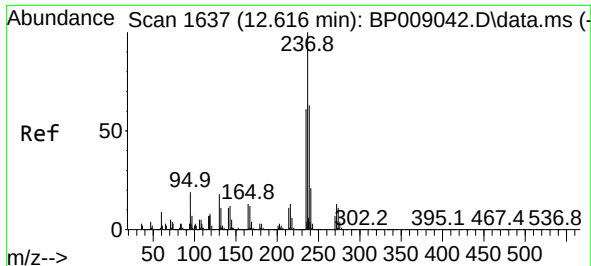
Tgt Ion:142 Resp: 1274000
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8
116 3.8 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:164 Resp: 734536
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 44.8 35.5 53.3

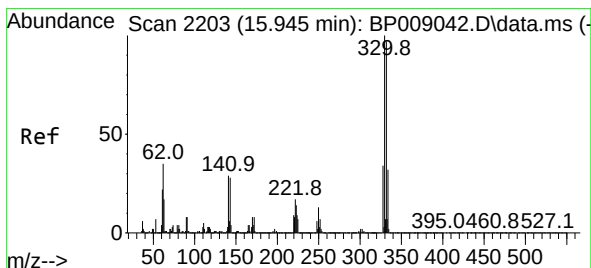
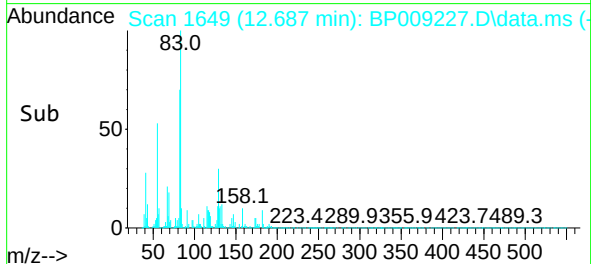
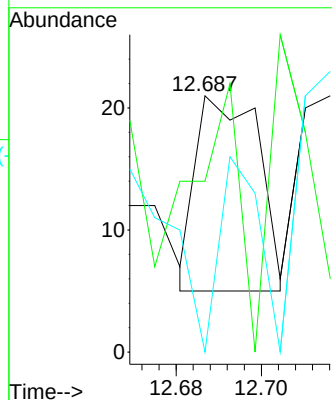
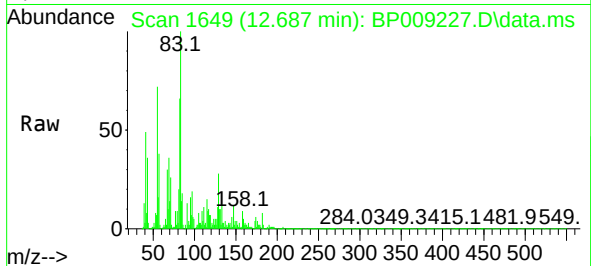




#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.687 min Scan# 1
Delta R.T. 0.112 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

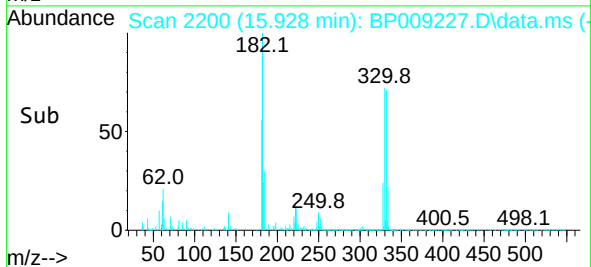
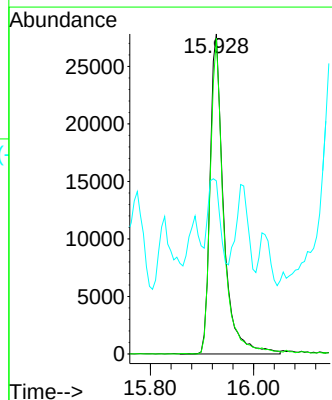
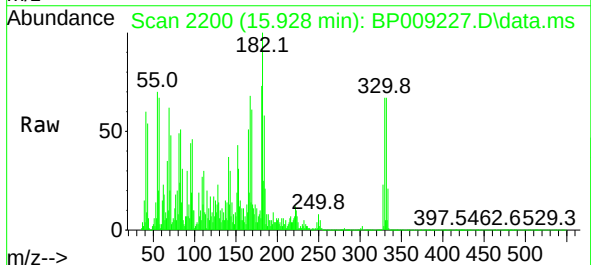
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

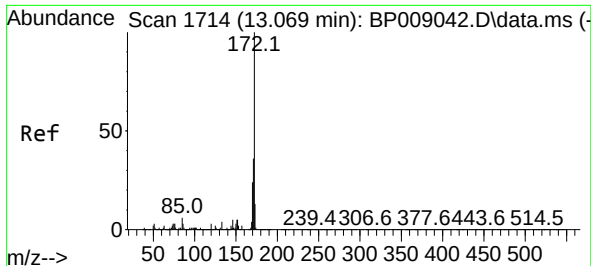
Tgt Ion:237	Resp:	16	
Ion	Ratio	Lower	Upper
237	100		
235	66.7	42.9	82.9
272	0.0	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 5.168 ng
RT: 15.928 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:330	Resp:	50684	
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.4
141	27.3	21.3	31.9

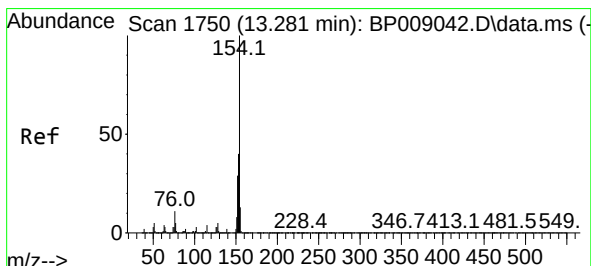
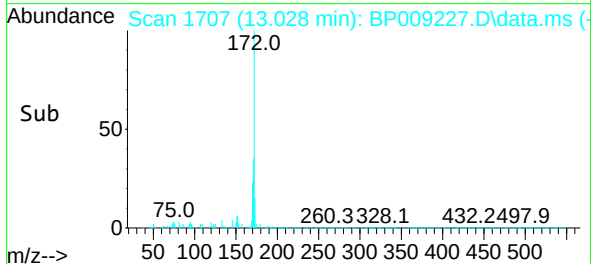
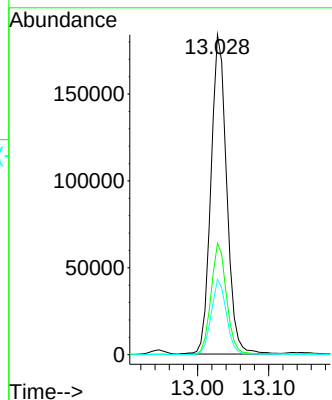
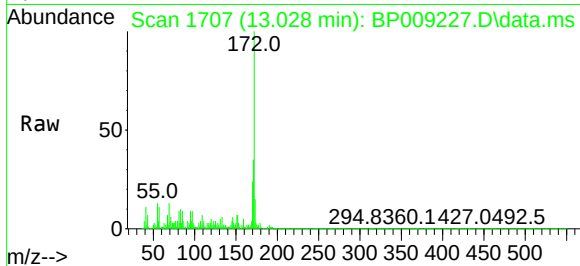




#45
2-Fluorobiphenyl
Concen: 5.401 ng
RT: 13.028 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

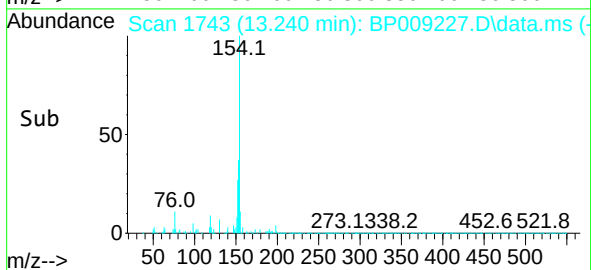
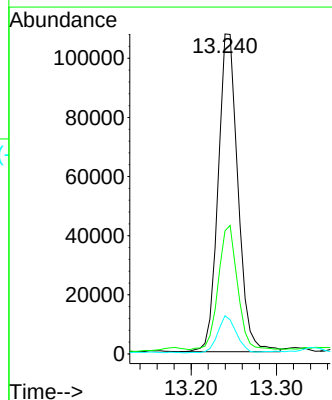
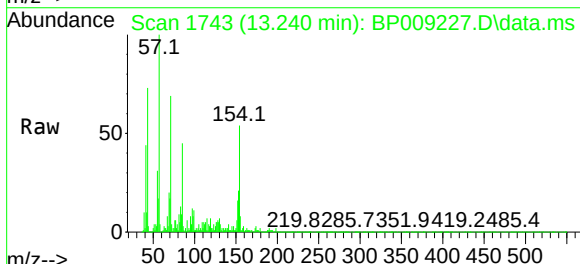
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

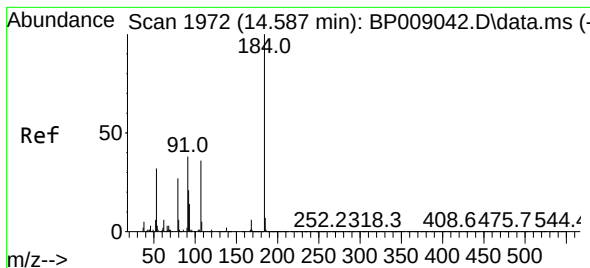
Tgt Ion:172 Resp: 283393
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 23.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 3.224 ng
RT: 13.240 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:154 Resp: 173977
Ion Ratio Lower Upper
154 100
153 38.5 20.3 60.3
76 11.9 0.0 31.1

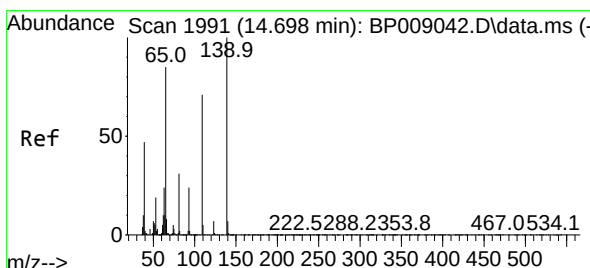
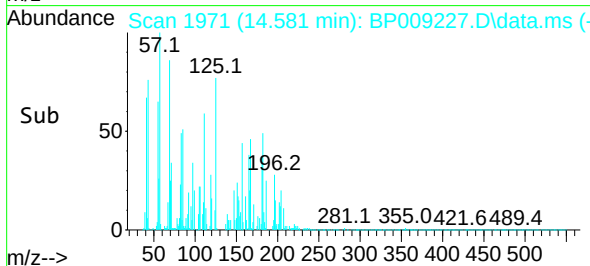
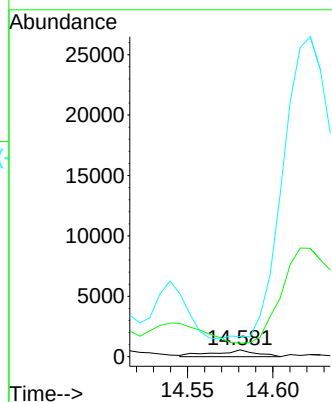
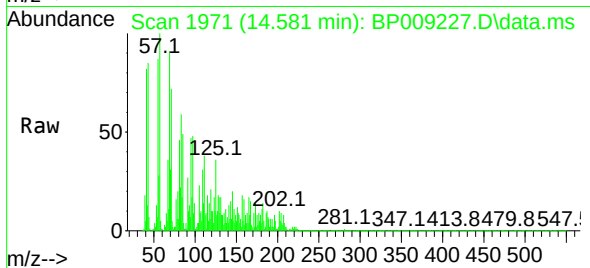




#54
2,4-Dinitrophenol
Concen: 2.377 ng
RT: 14.581 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

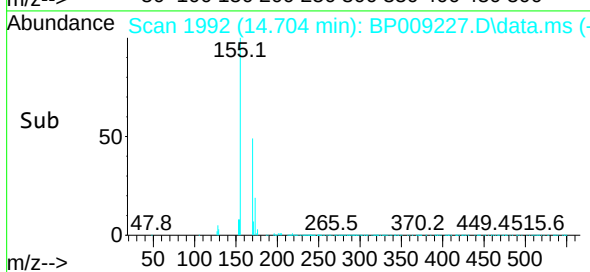
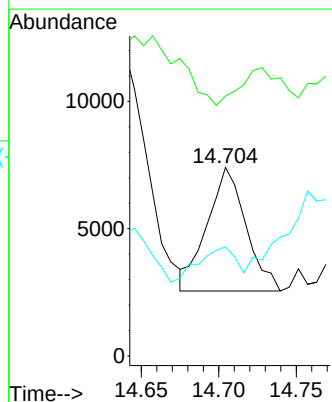
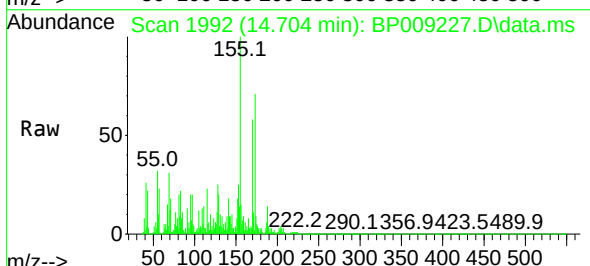
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

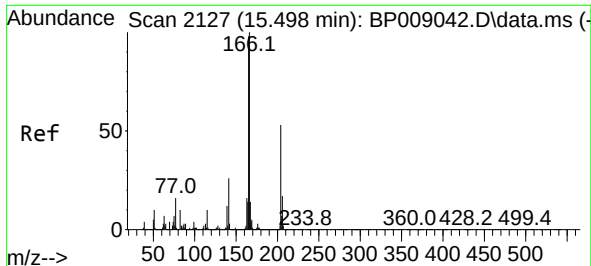
Tgt Ion:184 Resp: 968
Ion Ratio Lower Upper
184 100
63 198.4 35.6 53.4#
154 290.2 43.4 65.0#



#56
4-Nitrophenol
Concen: 2.763 ng
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:139 Resp: 8449
Ion Ratio Lower Upper
139 100
109 137.9 42.2 82.2#
65 57.9 57.3 97.3

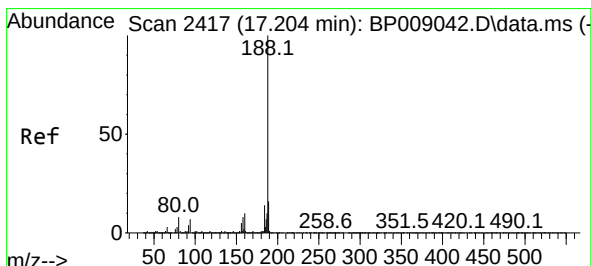
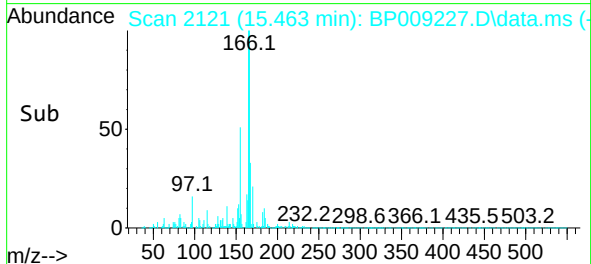
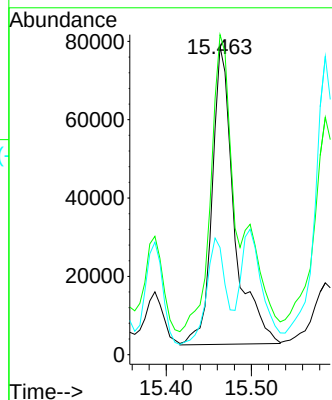
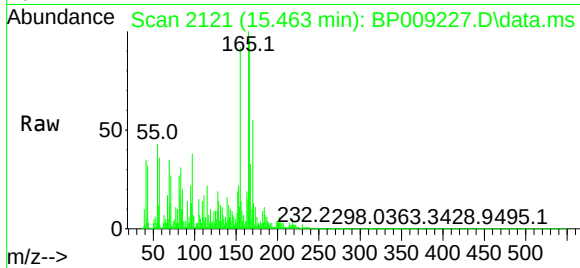




#58
Fluorene
Concen: 2.708 ng
RT: 15.463 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

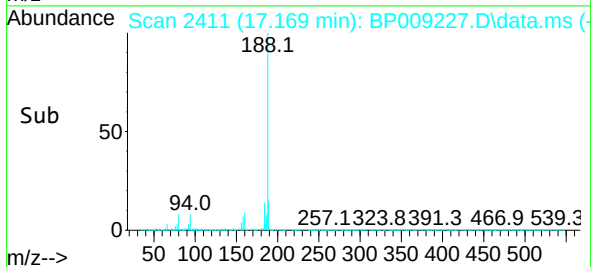
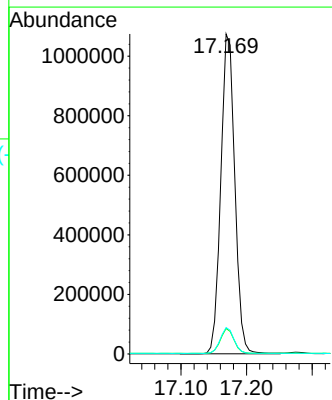
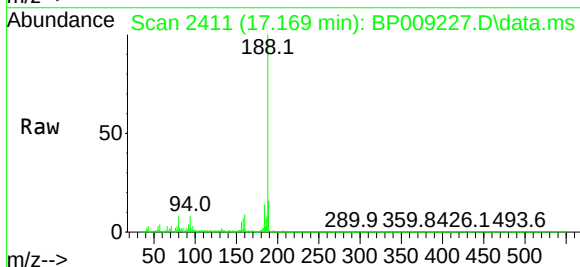
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

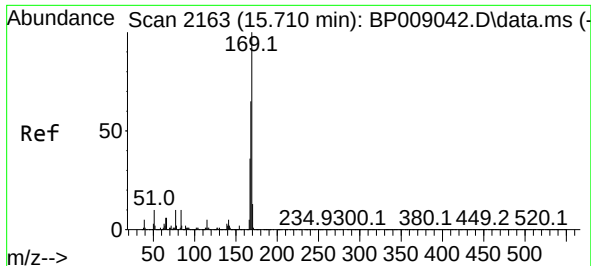
Tgt Ion:166 Resp: 137866
Ion Ratio Lower Upper
166 100
165 103.8 77.2 115.8
167 34.7 11.2 16.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:188 Resp: 1585017
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.2 7.2 10.8

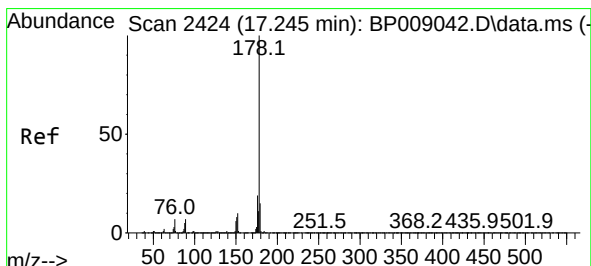
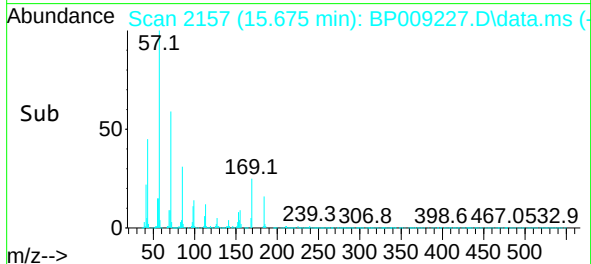
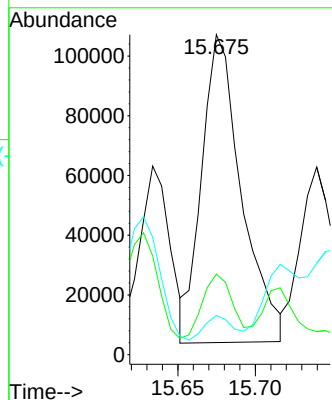
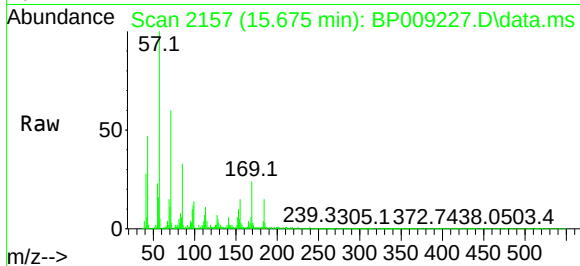




#66
n-Nitrosodiphenylamine
Concen: 3.831 ng
RT: 15.675 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

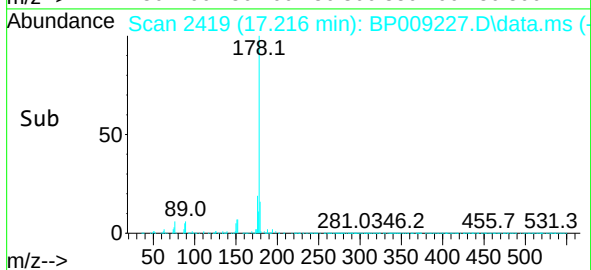
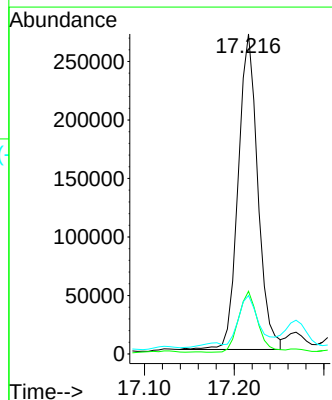
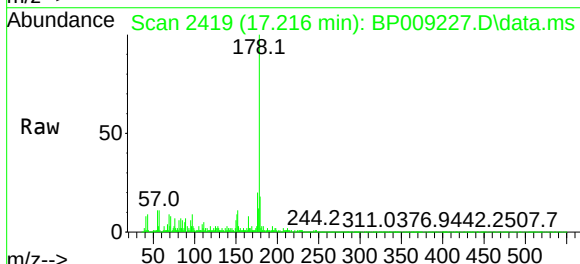
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0DL

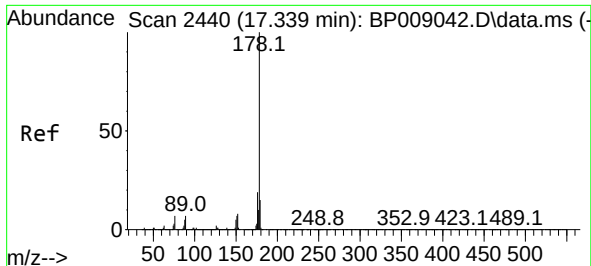
Tgt Ion:169 Resp: 184151
Ion Ratio Lower Upper
169 100
168 25.2 53.3 79.9#
167 12.2 29.0 43.6#



#71
Phenanthrene
Concen: 4.774 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009227.D
Acq: 18 Feb 2022 22:37

Tgt Ion:178 Resp: 409727
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 18.2 13.0 19.4

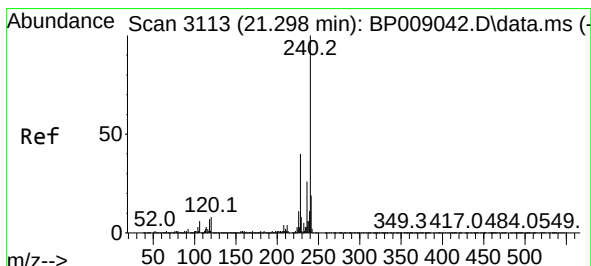
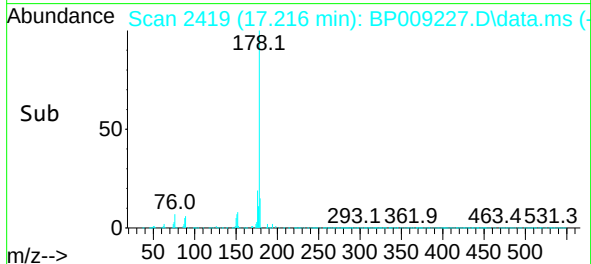
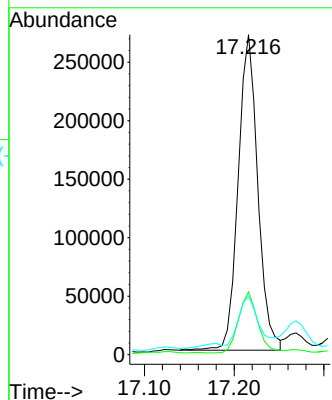
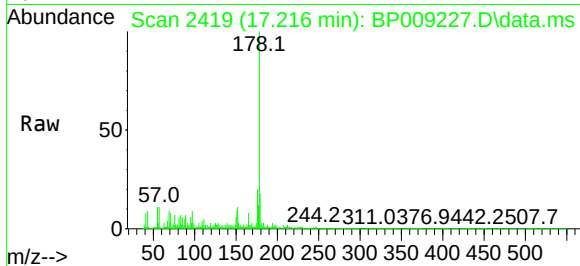




#72
 Anthracene
 Concen: 4.880 ng
 RT: 17.216 min Scan# 2440
 Delta R.T. -0.094 min
 Lab File: BP009227.D
 Acq: 18 Feb 2022 22:37

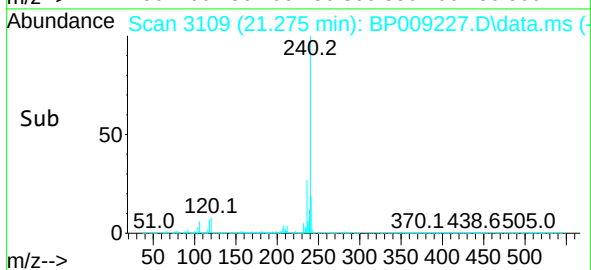
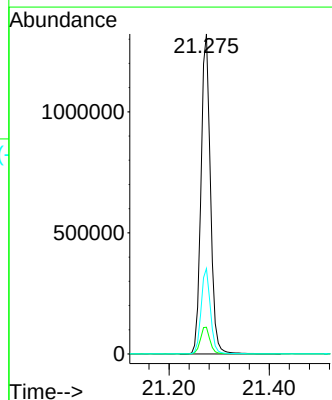
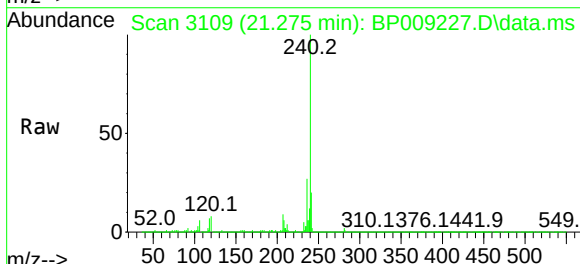
Instrument :
 BNA_P
 ClientSampleId :
 A5-10-4.0DL

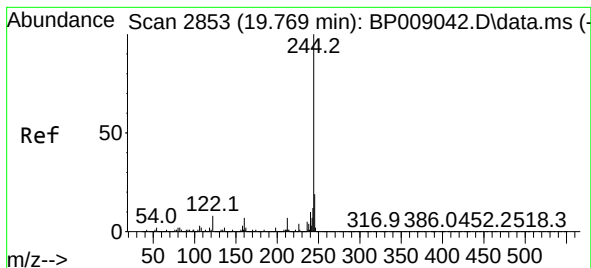
Tgt Ion:178 Resp: 409727
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.1 22.7
 179 18.2 12.8 19.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.275 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BP009227.D
 Acq: 18 Feb 2022 22:37

Tgt Ion:240 Resp: 1716631
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.7 11.5
 236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 5.118 ng

RT: 19.739 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009227.D

Acq: 18 Feb 2022 22:37

Instrument :

BNA_P

ClientSampleId :

A5-10-4.0DL

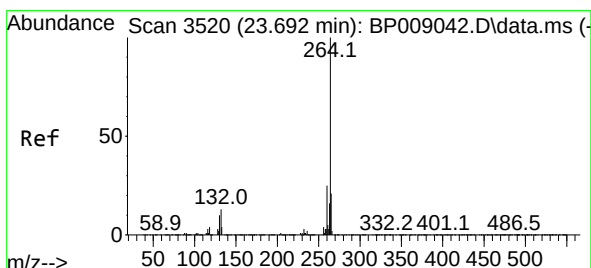
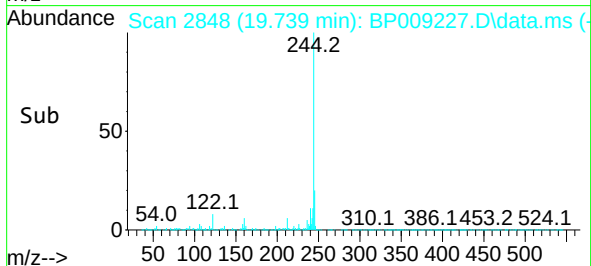
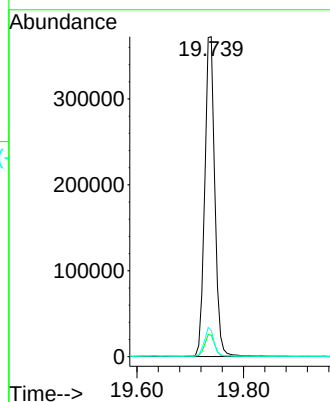
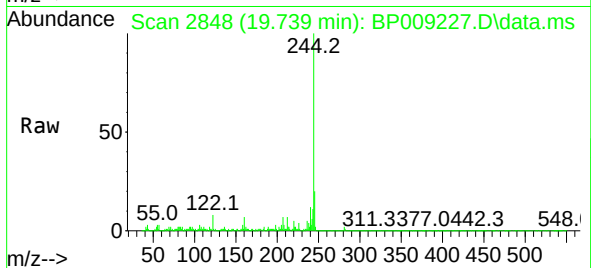
Tgt Ion:244 Resp: 488552

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

122 8.3 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.657 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BP009227.D

Acq: 18 Feb 2022 22:37

Tgt Ion:264 Resp: 1522099

Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 22.1 17.1 25.7

