

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010413.D
 Acq On : 19 May 2022 21:12
 Operator : CG/JU
 Sample : N2918-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 20 00:46:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

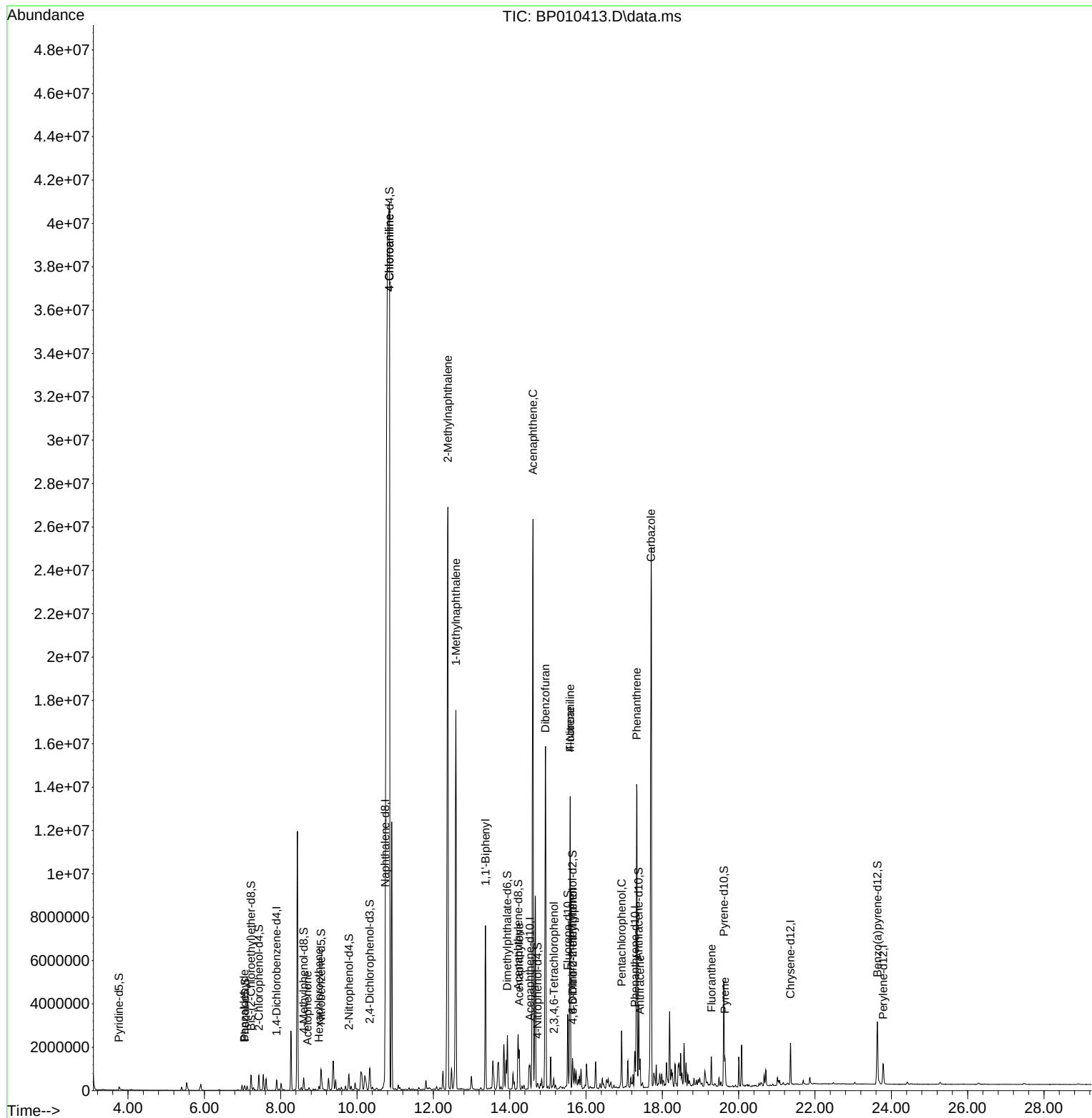
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	123630	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	521261	20.000	ng/ul	0.04
38) Acenaphthene-d10	14.528	164	381092	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	806555	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	814950	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	712582	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	98	0.034	ng/uL	0.12
4) Pyridine-d5	3.764	84	99997	12.142	ng/ul	0.00
7) Phenol-d5	7.063	99	96715	9.321	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	345194	49.514	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	293232	36.931	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	200911	22.783	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	219607	54.436	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	227615	53.239	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	364094	45.039	ng/ul	0.01
31) 4-Chloroaniline-d4	10.852	131	319085	26.547	ng/ul	0.01
46) Dimethylphthalate-d6	13.940	166	1476662	52.592	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1676422	51.763	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	41441	8.292	ng/ul	0.00
60) Fluorene-d10	15.522	176	1290230	52.820	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	256197	54.313	ng/ul	0.00
73) Anthracene-d10	17.381	188	2058743	56.370	ng/ul	0.00
81) Pyrene-d10	19.610	212	2447293	56.546	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	2162256	60.430	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.046	77	8124	1.481	ng/ul#	1
16) Acetophenone	8.705	105	25412	1.834	ng/ul#	49
19) Hexachloroethane	9.005	117	22900	6.352	ng/ul#	1
32) 4-Chloroaniline	10.846	127	17630677	1477.986	ng/ul#	6
36) 2-Methylnaphthalene	12.381	142	15021817	779.362	ng/ul	91
37) 1-Methylnaphthalene	12.593	142	8380169	430.610	ng/ul#	95
43) 1,1'-Biphenyl	13.369	154	3882681	138.805	ng/ul	92
50) Acenaphthylene	14.251	152	876536	25.018	ng/ul	94
52) Acenaphthene	14.610	153	11934149	522.151	ng/ul	95
56) Dibenzofuran	14.934	168	8981484	268.142	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	71927	10.334	ng/ul#	84
61) Fluorene	15.587	166	6142857	224.259	ng/ul	92
63) 4-Nitroaniline	15.587	138	72767	13.830	ng/ul#	5
66) 4,6-Dinitro-2-methylph...	15.657	198	54607	11.608	ng/ul#	92
71) Pentachlorophenol	16.934	266	327034	54.550	ng/ul#	84
72) Phenanthrene	17.328	178	8303968	192.917	ng/ul	98
74) Anthracene	17.416	178	621176	14.385	ng/ul	98
77) Carbazole	17.704	167	19193767	505.769	ng/ul#	87
80) Fluoranthene	19.286	202	749285	14.898	ng/ul	97
82) Pyrene	19.639	202	399133	7.605	ng/ul	95

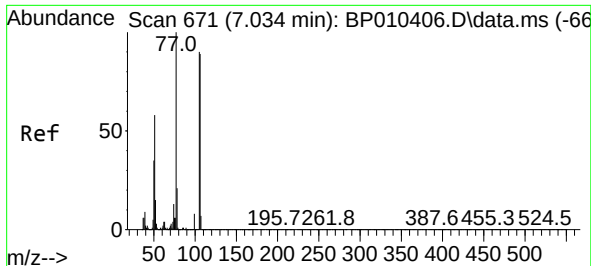
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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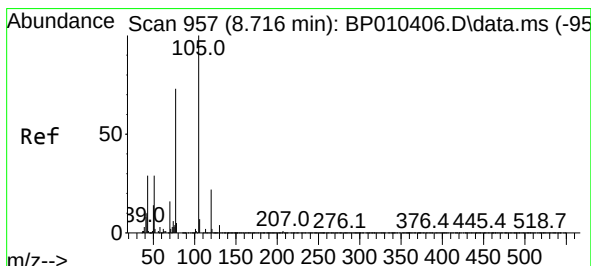
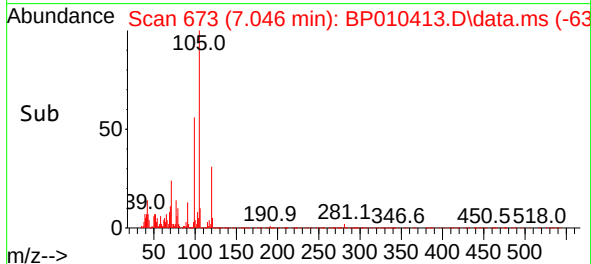
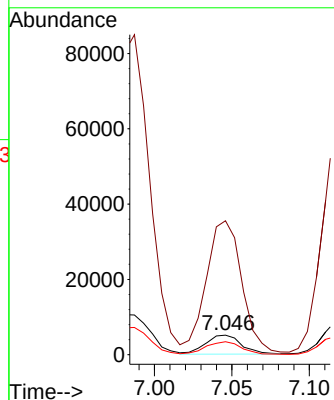
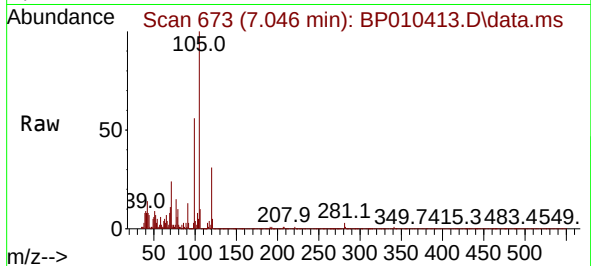




#6
Benzaldehyde
Concen: 1.481 ng/ul
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

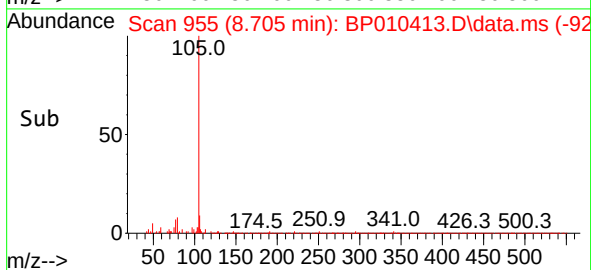
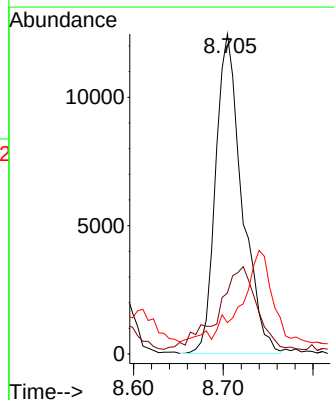
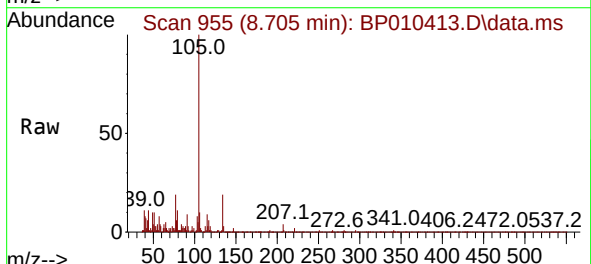
Instrument :
BNA_P
ClientSampleId :

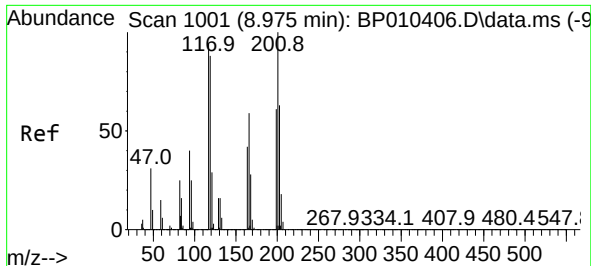
Tgt Ion: 77 Resp: 8124
Ion Ratio Lower Upper
77 100
105 688.7 77.0 115.4#
106 66.7 77.0 115.4#



#16
Acetophenone
Concen: 1.834 ng/ul
RT: 8.705 min Scan# 955
Delta R.T. -0.017 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

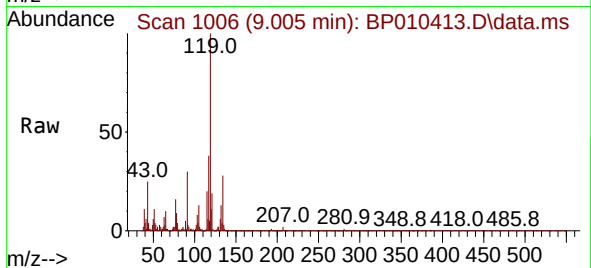
Tgt Ion: 105 Resp: 25412
Ion Ratio Lower Upper
105 100
77 19.0 53.4 80.2#
51 9.8 13.8 20.8#



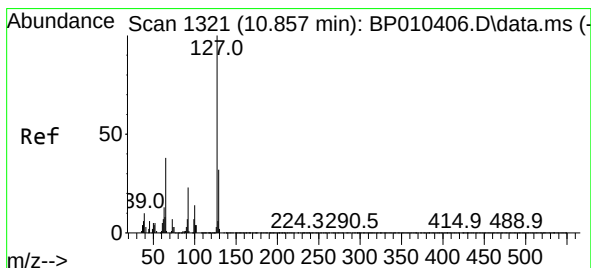
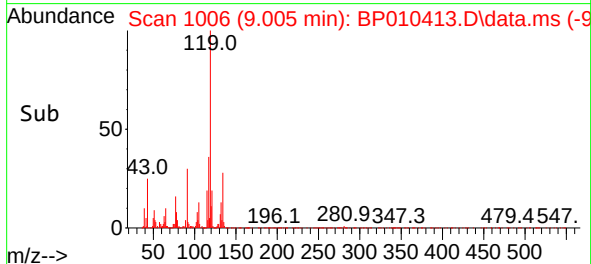
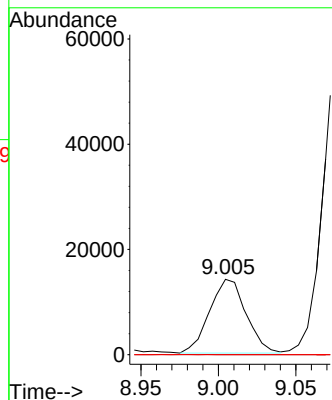


#19
Hexachloroethane
Concen: 6.352 ng/ul
RT: 9.005 min Scan# 1006
Delta R.T. 0.024 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

Instrument :
BNA_P
ClientSampleId :

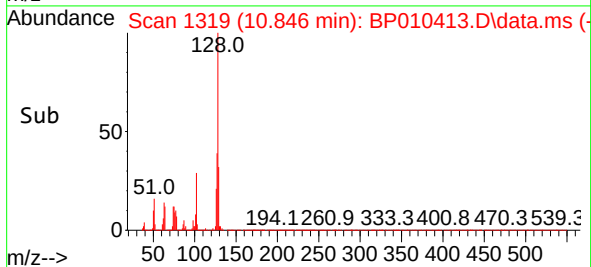
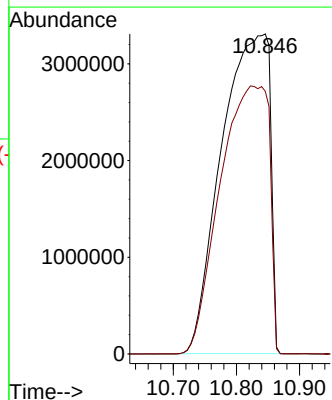
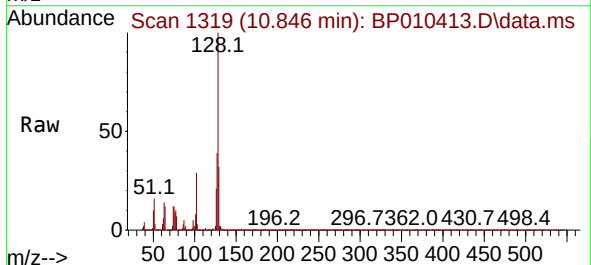


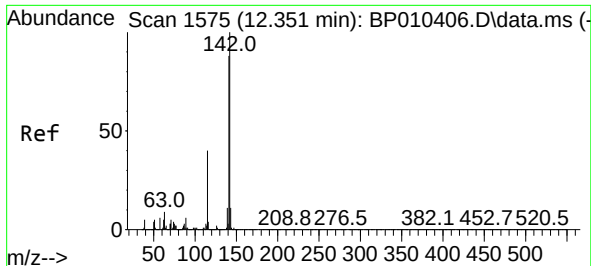
Tgt Ion:117 Resp: 22900
Ion Ratio Lower Upper
117 100
201 0.1 106.5 159.7#
199 0.1 59.0 88.6#



#32
4-Chloroaniline
Concen: 1477.986 ng/ul
RT: 10.846 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

Tgt Ion:127 Resp:17630677
Ion Ratio Lower Upper
127 100
129 82.1 24.6 37.0#

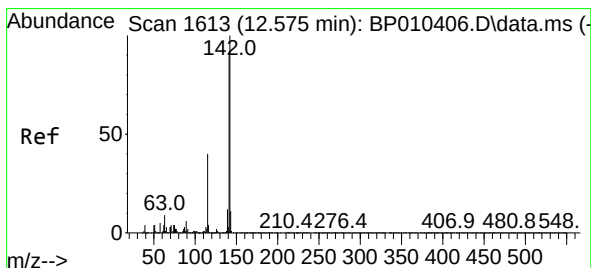
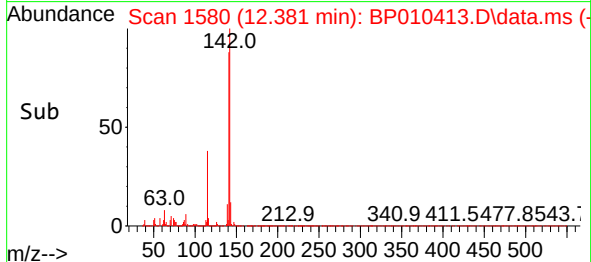
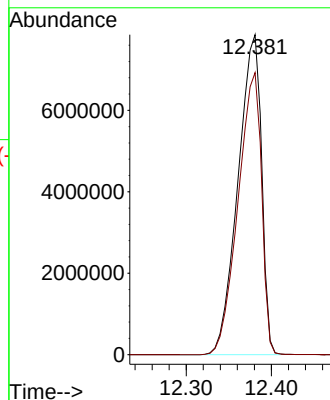
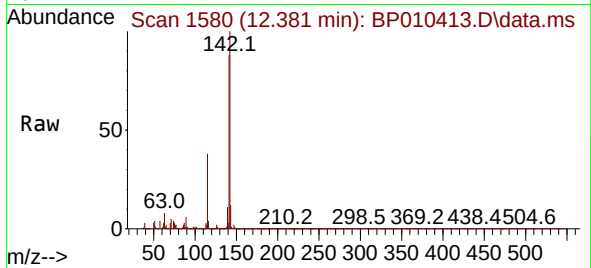




#36
2-Methylnaphthalene
Concen: 779.362 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. 0.018 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

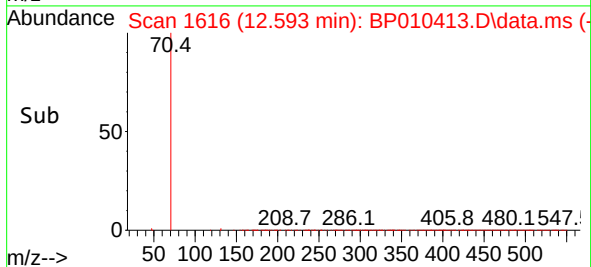
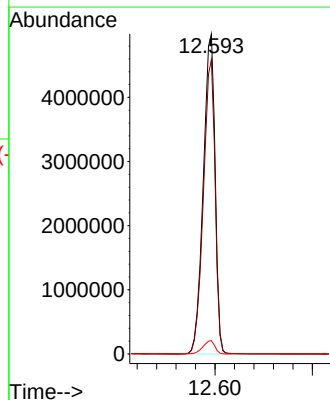
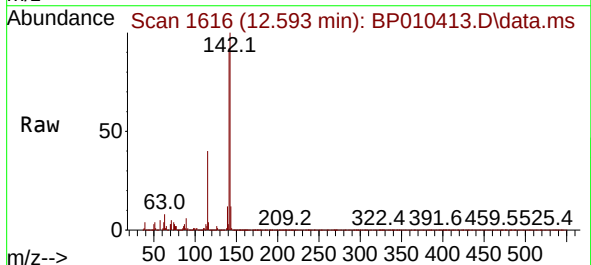
Instrument :
BNA_P
ClientSampleId :

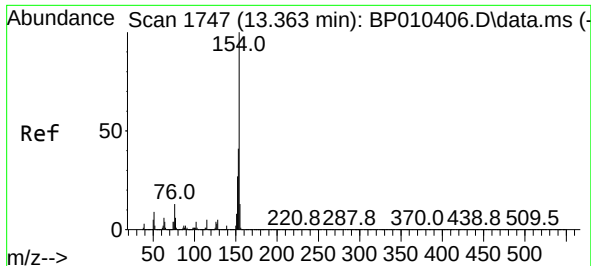
Tgt Ion:142 Resp:15021817
Ion Ratio Lower Upper
142 100
141 88.2 64.3 96.5



#37
1-Methylnaphthalene
Concen: 430.610 ng/ul
RT: 12.593 min Scan# 1616
Delta R.T. 0.012 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

Tgt Ion:142 Resp: 8380169
Ion Ratio Lower Upper
142 100
141 92.0 69.8 104.8
116 4.1 5.6 8.4#

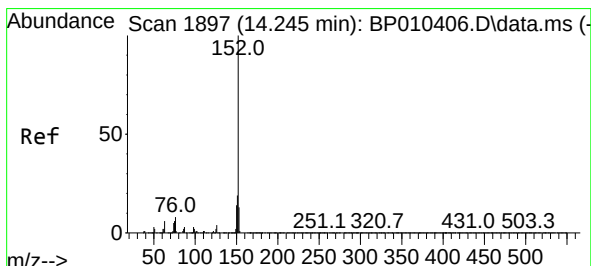
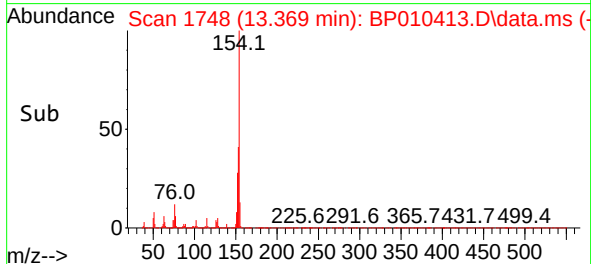
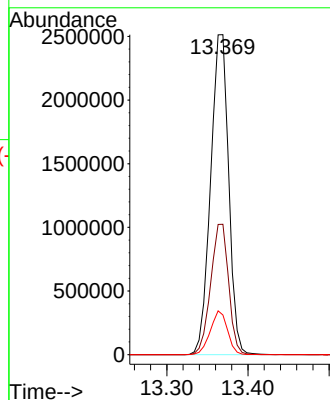
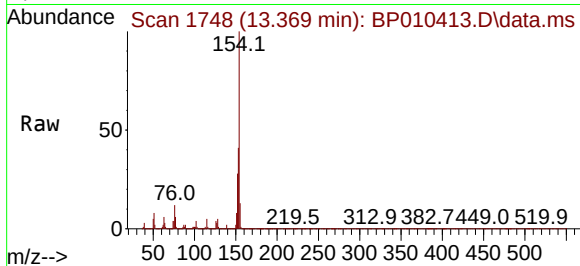




#43
1,1'-Biphenyl
Concen: 138.805 ng/ul
RT: 13.369 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

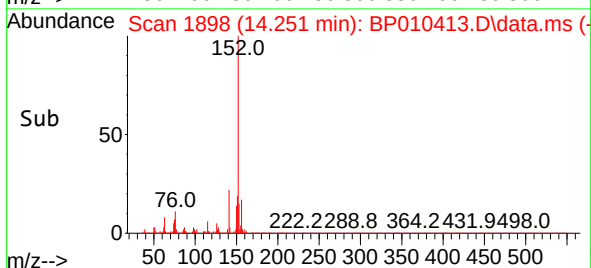
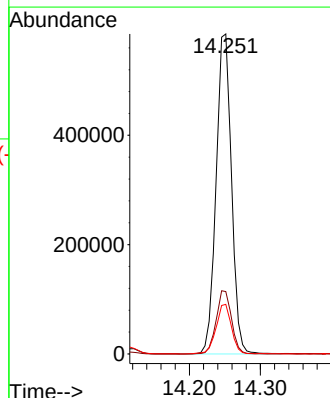
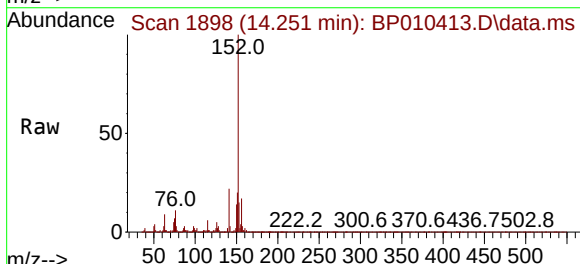
Instrument :
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ClientSampleId :

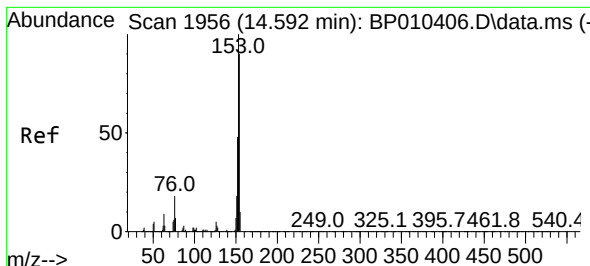
Tgt Ion:154 Resp: 3882681
Ion Ratio Lower Upper
154 100
153 40.7 28.6 43.0
76 12.4 8.5 12.7



#50
Acenaphthylene
Concen: 25.018 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

Tgt Ion:152 Resp: 876536
Ion Ratio Lower Upper
152 100
151 19.5 18.3 27.5
153 15.5 11.0 16.6





#52

Acenaphthene

Concen: 522.151 ng/ul

RT: 14.610 min Scan# 1956

Delta R.T. 0.012 min

Lab File: BP010413.D

Acq: 19 May 2022 21:12

Instrument :

BNA_P

ClientSampleId :

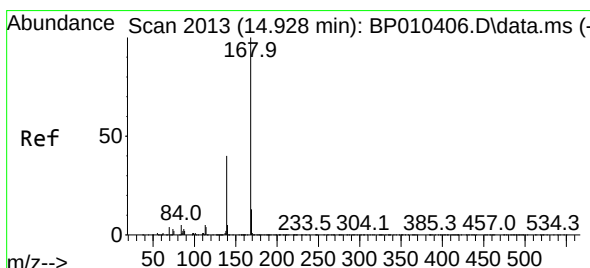
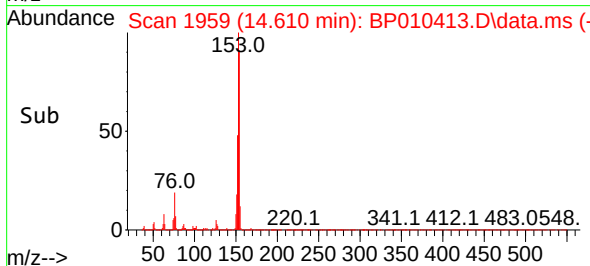
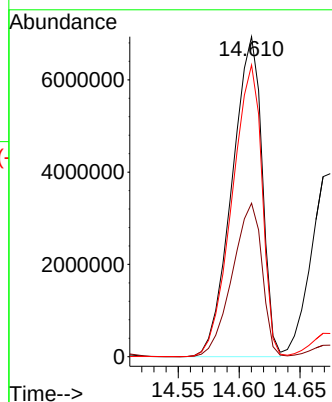
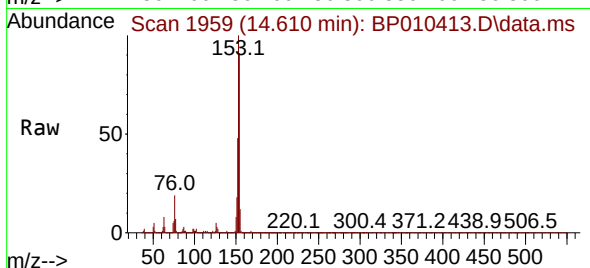
Tgt Ion:153 Resp:11934149

Ion Ratio Lower Upper

153 100

152 48.0 34.3 51.5

154 91.2 70.0 105.0



#56

Dibenzofuran

Concen: 268.142 ng/ul

RT: 14.934 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BP010413.D

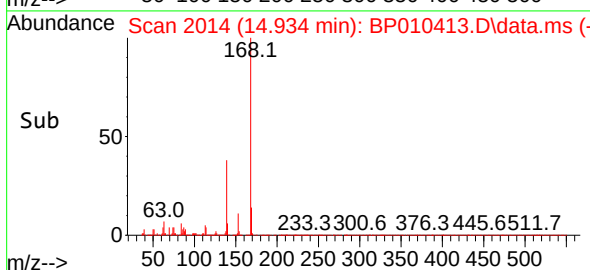
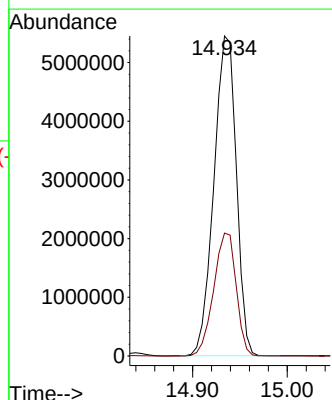
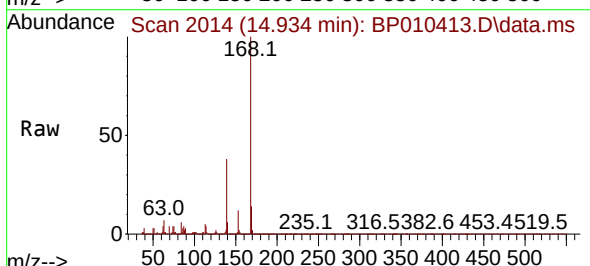
Acq: 19 May 2022 21:12

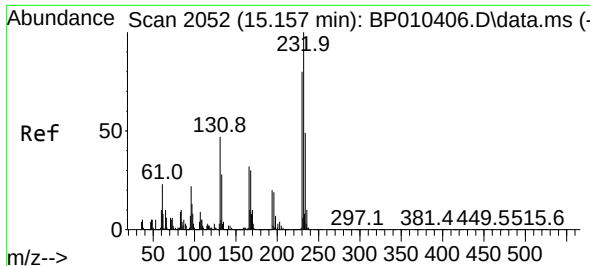
Tgt Ion:168 Resp: 8981484

Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

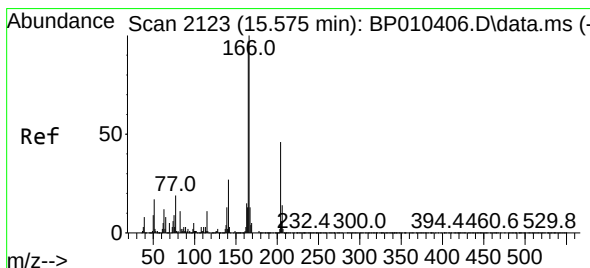
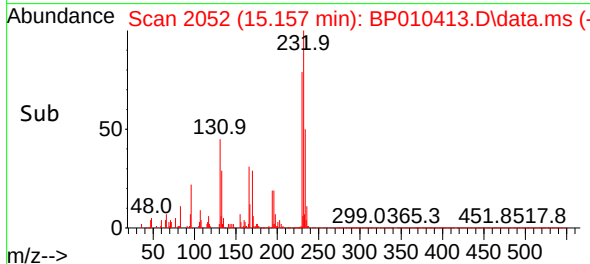
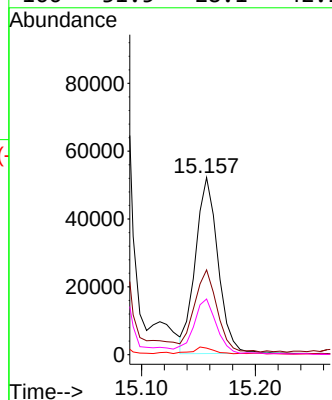
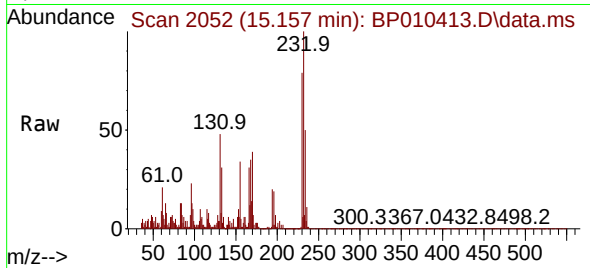




#58
2,3,4,6-Tetrachlorophenol
Concen: 10.334 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

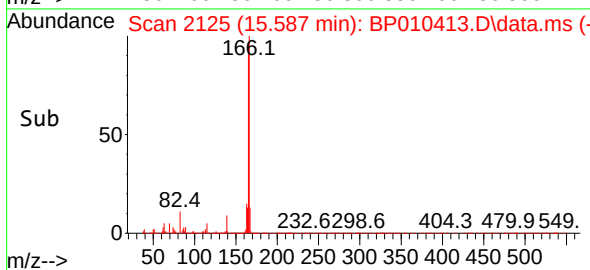
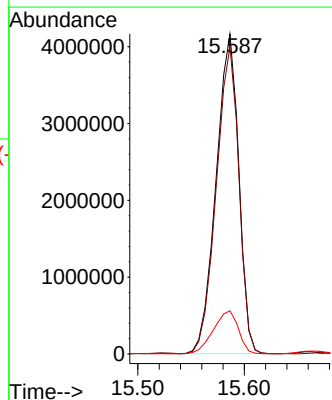
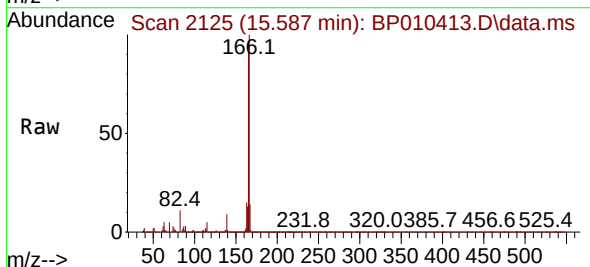
Instrument :
BNA_P
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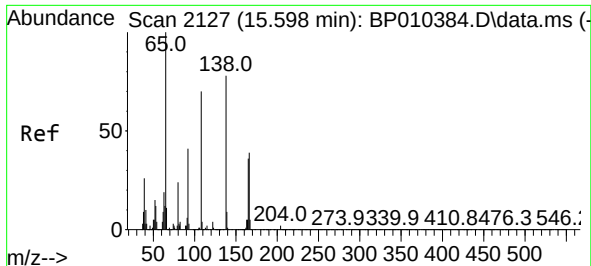
Tgt Ion:232 Resp: 71927
Ion Ratio Lower Upper
232 100
131 47.8 25.4 38.2#
130 3.7 4.2 6.2#
166 31.5 28.1 42.1



#61
Fluorene
Concen: 224.259 ng/ul
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

Tgt Ion:166 Resp: 6142857
Ion Ratio Lower Upper
166 100
165 96.1 70.3 105.5
167 13.5 9.5 14.3

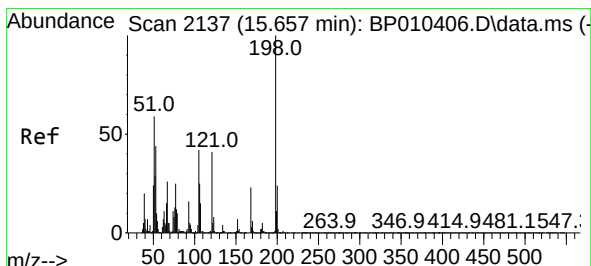
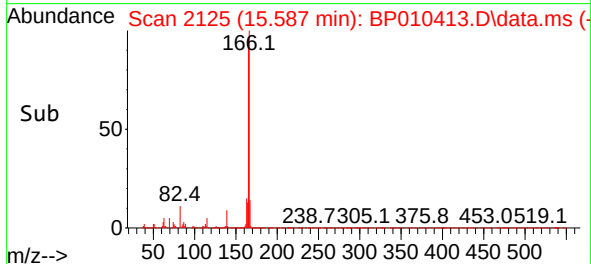
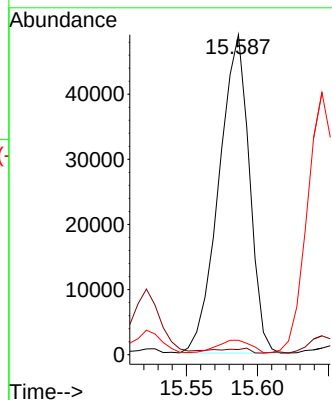
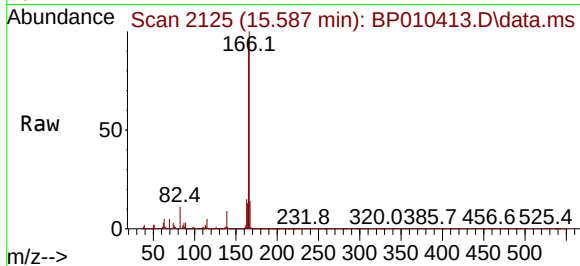




#63
4-Nitroaniline
Concen: 13.830 ng/ul
RT: 15.587 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

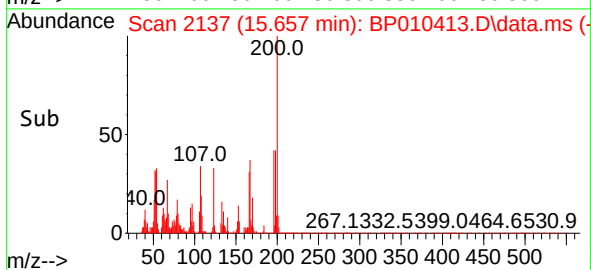
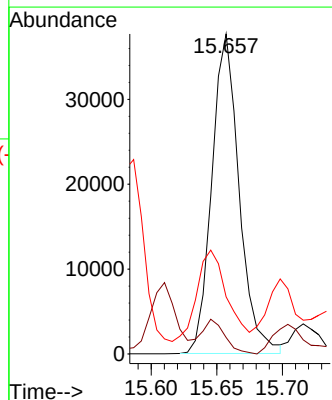
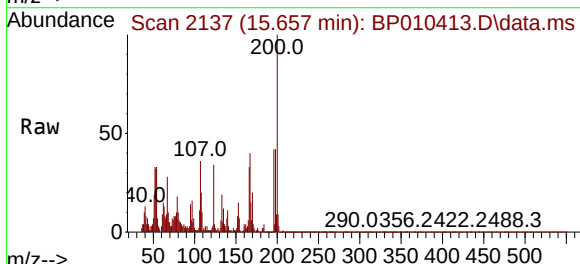
Instrument :
BNA_P
ClientSampleId :

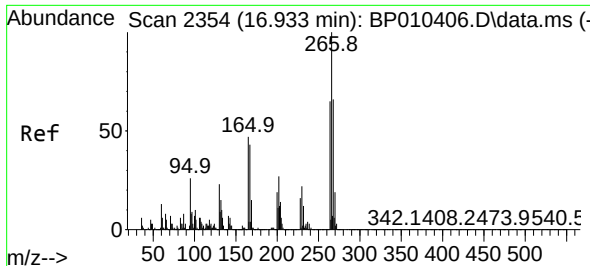
Tgt Ion:138 Resp: 72767
Ion Ratio Lower Upper
138 100
92 1.6 41.6 62.4#
108 4.5 97.6 146.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 11.608 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP010413.D
Acq: 19 May 2022 21:12

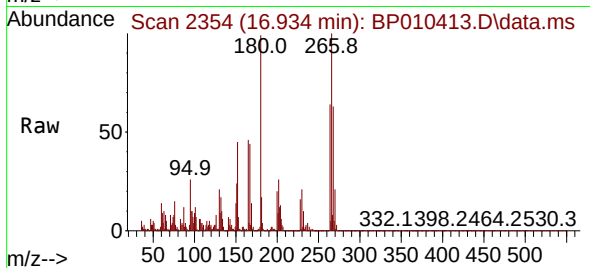
Tgt Ion:198 Resp: 54607
Ion Ratio Lower Upper
198 100
182 5.1 6.0 9.0#
77 17.8 17.7 26.5



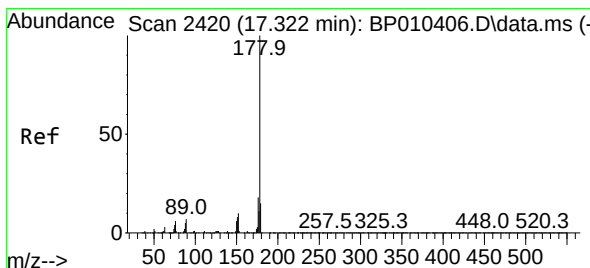
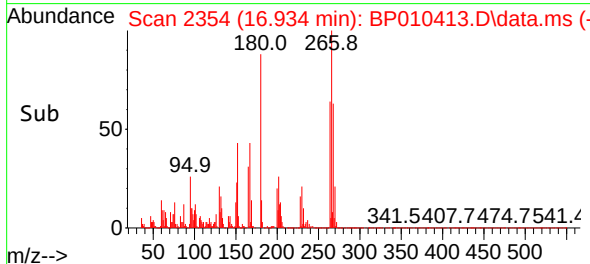
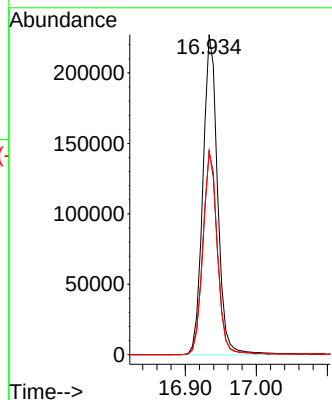


#71
 Pentachlorophenol
 Concen: 54.550 ng/ul
 RT: 16.934 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP010413.D
 Acq: 19 May 2022 21:12

Instrument :
 BNA_P
 ClientSampleId :

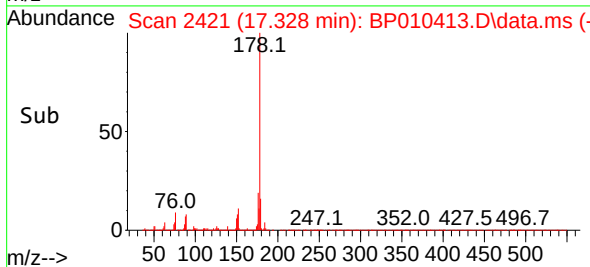
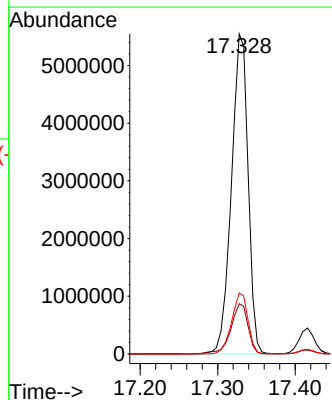
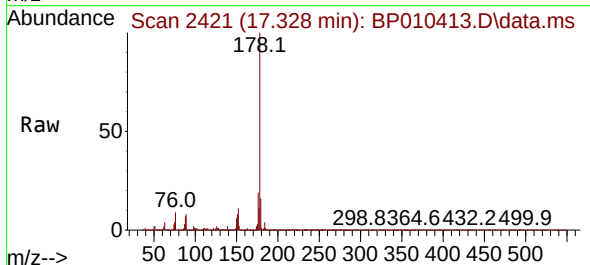


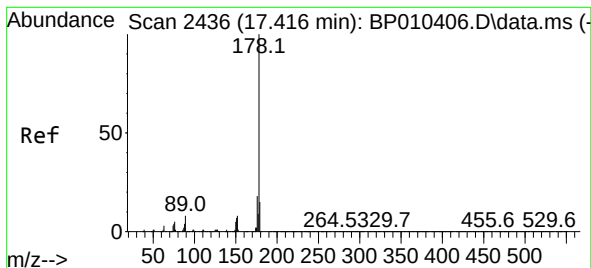
Tgt Ion:266 Resp: 327034
 Ion Ratio Lower Upper
 266 100
 264 63.7 57.3 85.9
 268 63.2 65.7 98.5#



#72
 Phenanthrene
 Concen: 192.917 ng/ul
 RT: 17.328 min Scan# 2421
 Delta R.T. 0.000 min
 Lab File: BP010413.D
 Acq: 19 May 2022 21:12

Tgt Ion:178 Resp: 8303968
 Ion Ratio Lower Upper
 178 100
 179 15.7 11.7 17.5
 176 19.0 14.5 21.7





#74

Anthracene

Concen: 14.385 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP010413.D

Acq: 19 May 2022 21:12

Instrument :

BNA_P

ClientSampleId :

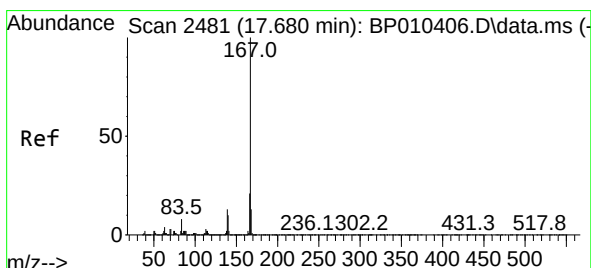
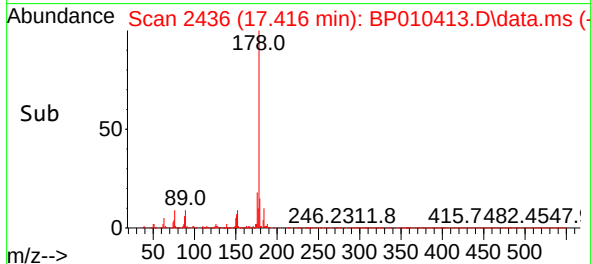
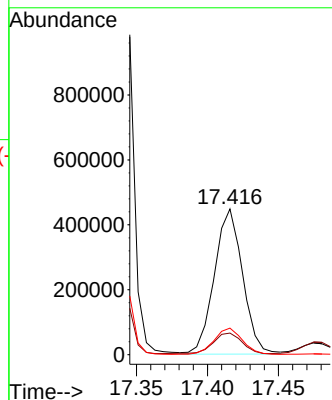
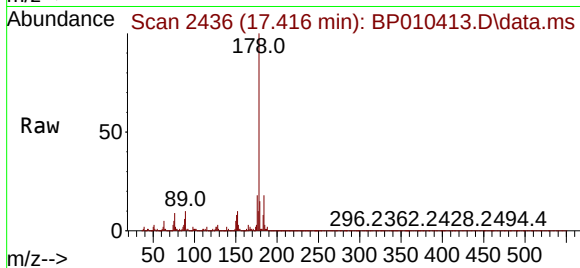
Tgt Ion:178 Resp: 621176

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

176 18.2 13.4 20.2



#77

Carbazole

Concen: 505.769 ng/ul

RT: 17.704 min Scan# 2485

Delta R.T. 0.018 min

Lab File: BP010413.D

Acq: 19 May 2022 21:12

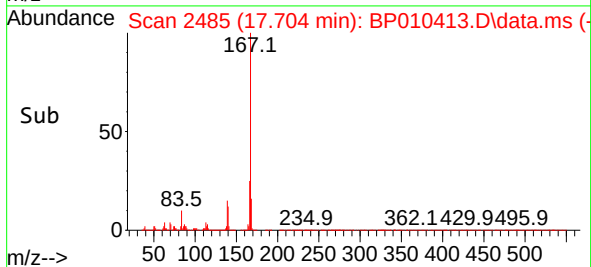
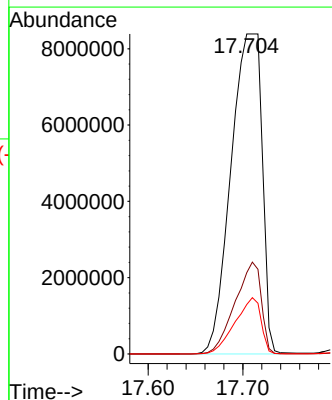
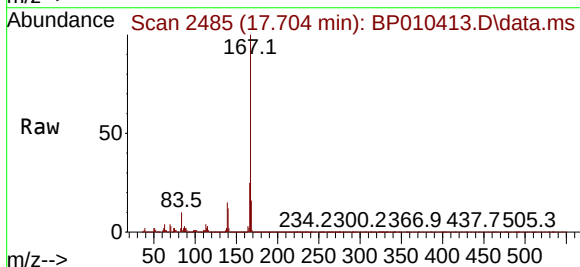
Tgt Ion:167 Resp:19193767

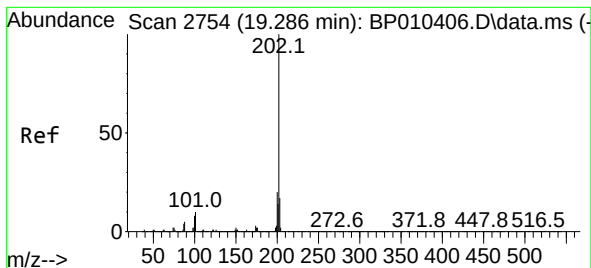
Ion Ratio Lower Upper

167 100

166 25.4 15.8 23.8#

139 15.4 8.3 12.5#





#80

Fluoranthene

Concen: 14.898 ng/ul

RT: 19.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP010413.D

Acq: 19 May 2022 21:12

Instrument :

BNA_P

ClientSampleId :

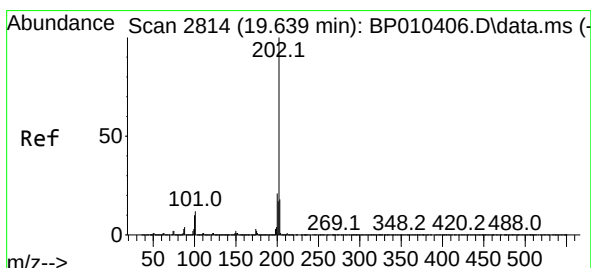
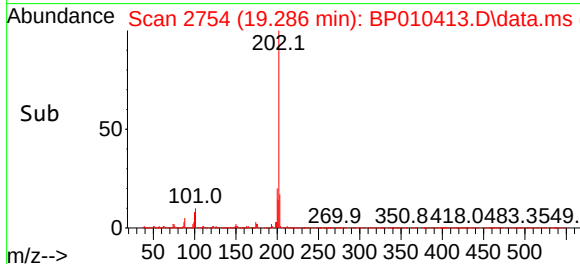
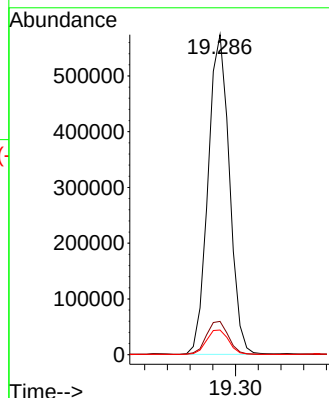
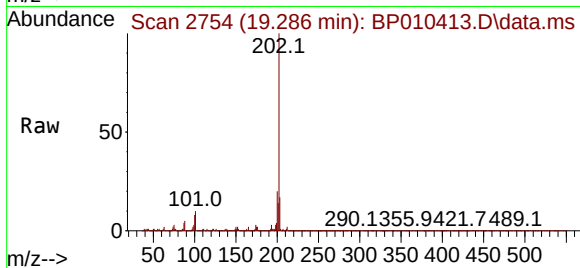
Tgt Ion:202 Resp: 749285

Ion Ratio Lower Upper

202 100

101 10.4 9.6 14.4

100 7.7 6.3 9.5



#82

Pyrene

Concen: 7.605 ng/ul

RT: 19.639 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BP010413.D

Acq: 19 May 2022 21:12

Tgt Ion:202 Resp: 399133

Ion Ratio Lower Upper

202 100

101 10.9 10.6 15.8

100 10.2 9.8 14.6

