

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010414.D
 Acq On : 19 May 2022 21:46
 Operator : CG/JU
 Sample : N2918-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 20 00:46:40 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)

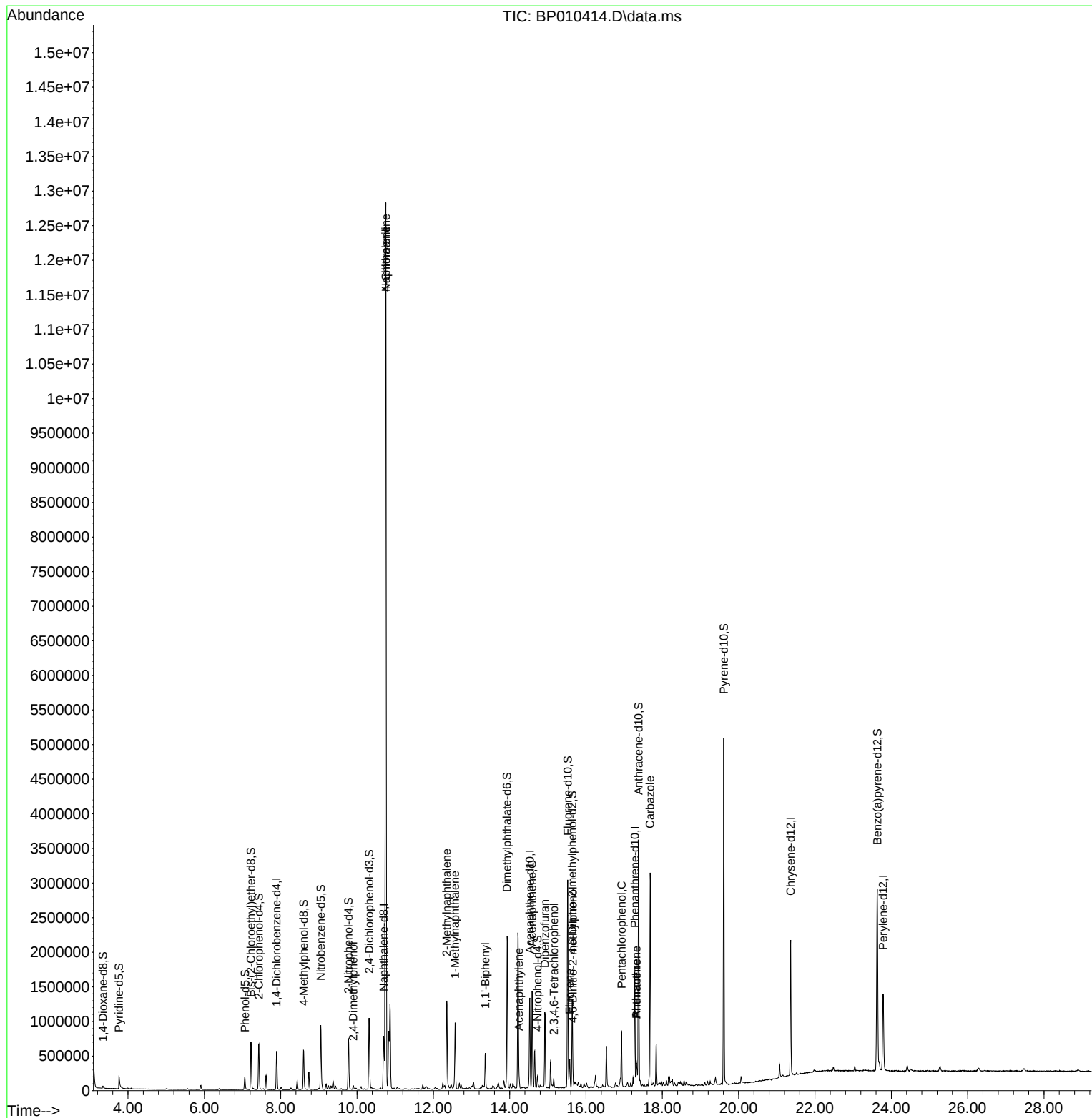
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	145560	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	654973	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	445584	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	980311	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.362	240	982646	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	823419	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	17553	5.140	ng/uL	0.00
4) Pyridine-d5	3.763	84	112061	11.557	ng/ul	0.00
7) Phenol-d5	7.063	99	100327	8.212	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	318126	38.756	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	285041	30.491	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	208279	20.060	ng/ul	-0.01
21) Nitrobenzene-d5	9.051	128	202378	39.924	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	212117	39.486	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	339052	33.379	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	1203	0.080	ng/ul	0.11
46) Dimethylphthalate-d6	13.933	166	1401702	42.697	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	3865	0.102	ng/ul	0.12
54) 4-Nitrophenol-d4	14.727	143	42562	7.284	ng/ul	0.00
60) Fluorene-d10	15.521	176	1196914	41.908	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	252445	44.032	ng/ul	0.00
73) Anthracene-d10	17.380	188	2043695	46.040	ng/ul	0.00
81) Pyrene-d10	19.609	212	2517452	48.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	2012225	48.667	ng/ul	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	9.904	107	17587	1.374	ng/ul#	77
30) Naphthalene	10.757	128	10681761	312.238	ng/ul	97
32) 4-Chloroaniline	10.757	127	1436137	95.814	ng/ul#	4
36) 2-Methylnaphthalene	12.351	142	586637	24.222	ng/ul	92
37) 1-Methylnaphthalene	12.569	142	412211	16.857	ng/ul#	94
43) 1,1'-Biphenyl	13.363	154	256321	7.837	ng/ul	92
50) Acenaphthylene	14.245	152	59079	1.442	ng/ul	97
52) Acenaphthene	14.586	153	551578	20.640	ng/ul	97
56) Dibenzofuran	14.922	168	686544	17.530	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	23463	2.883	ng/ul#	83
61) Fluorene	15.574	166	169143	5.281	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.657	198	23981	4.194	ng/ul#	86
71) Pentachlorophenol	16.933	266	65242	8.954	ng/ul#	80
72) Phenanthrene	17.321	178	186376	3.562	ng/ul	98
74) Anthracene	17.321	178	186376	3.551	ng/ul	98
77) Carbazole	17.680	167	1893714	41.056	ng/ul#	95

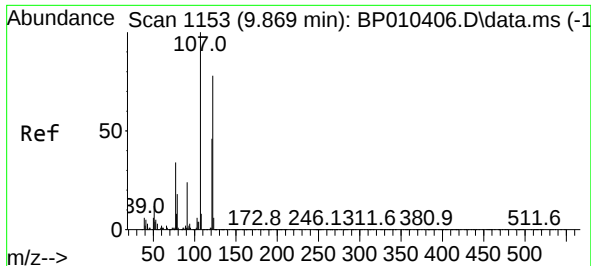
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration

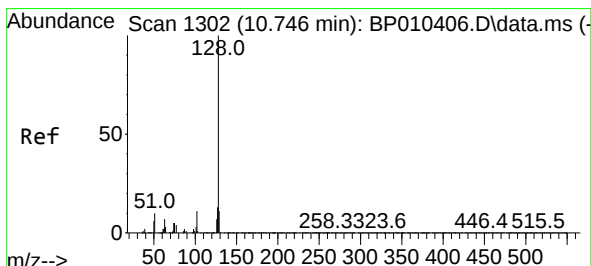
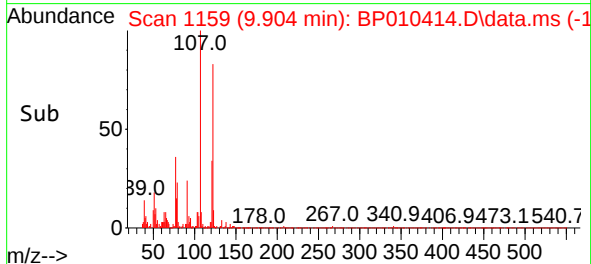
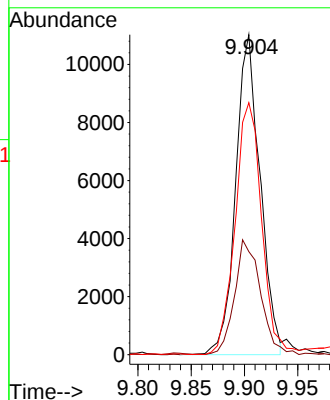
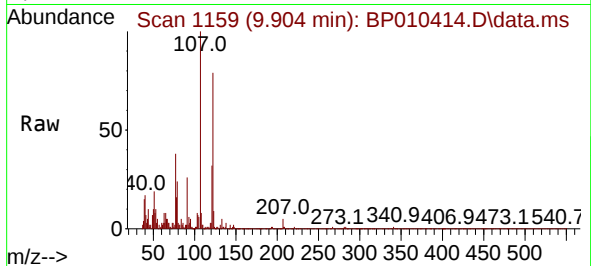




#26
2,4-Dimethylphenol
Concen: 1.374 ng/ul
RT: 9.904 min Scan# 1153
Delta R.T. 0.029 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

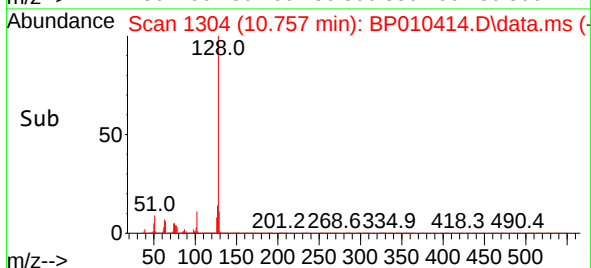
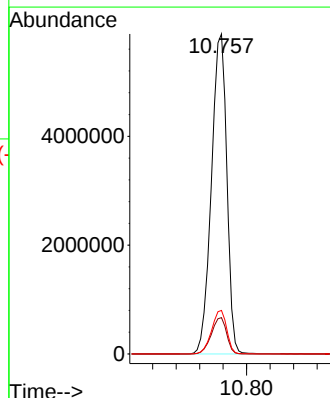
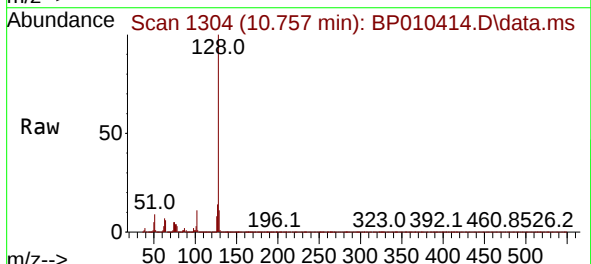
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BNA_P
ClientSampleId :

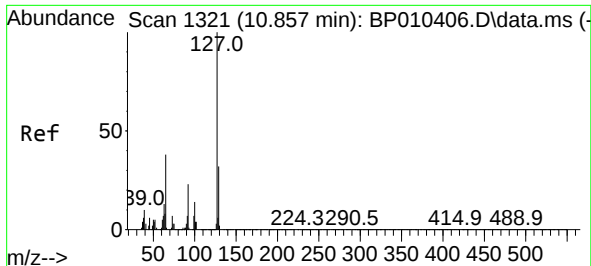
Tgt Ion:107 Resp: 17587
Ion Ratio Lower Upper
107 100
121 32.2 34.1 51.1#
122 78.7 46.3 69.5#



#30
Naphthalene
Concen: 312.238 ng/ul
RT: 10.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

Tgt Ion:128 Resp:10681761
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 12.2 18.4

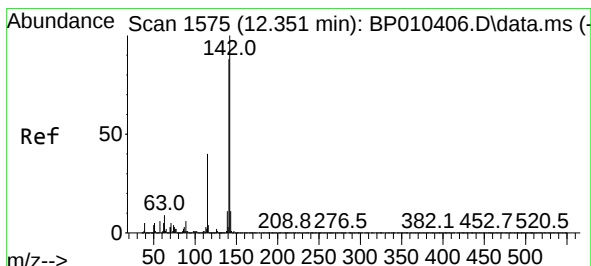
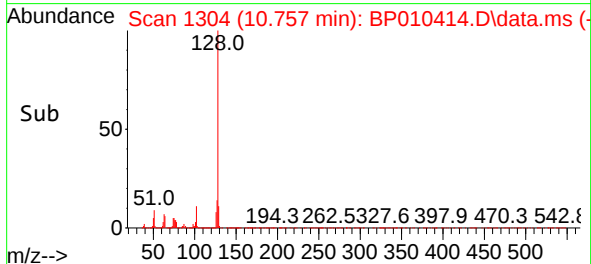
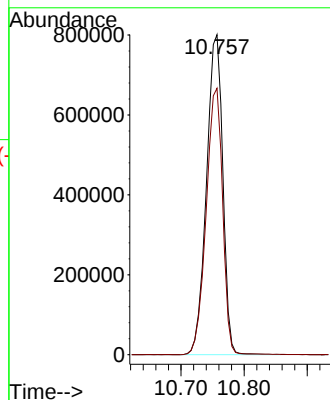
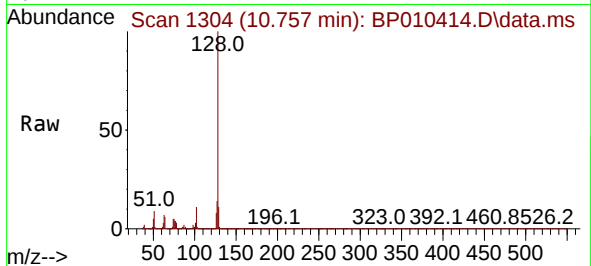




#32
4-Chloroaniline
Concen: 95.814 ng/ul
RT: 10.757 min Scan# 11
Delta R.T. -0.106 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

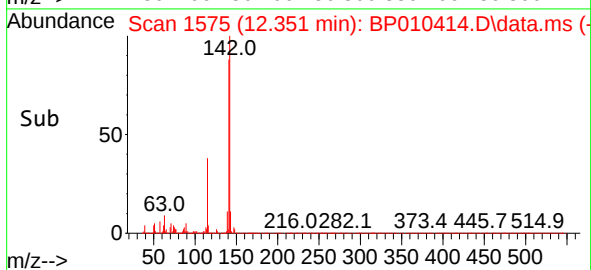
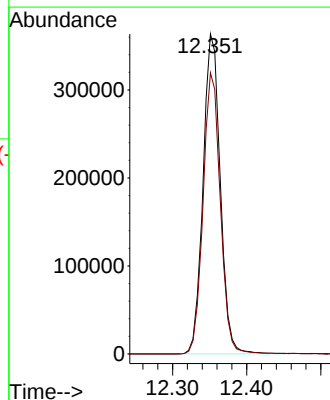
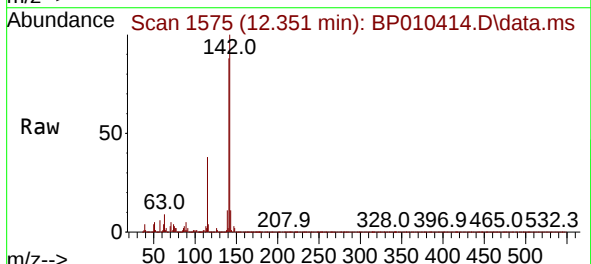
Instrument :
BNA_P
ClientSampleId :

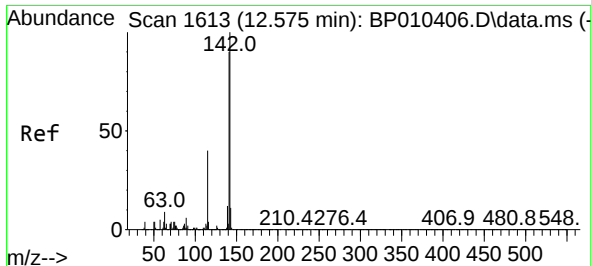
Tgt Ion:127 Resp: 1436137
Ion Ratio Lower Upper
127 100
129 83.3 24.6 37.0#



#36
2-Methylnaphthalene
Concen: 24.222 ng/ul
RT: 12.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

Tgt Ion:142 Resp: 586637
Ion Ratio Lower Upper
142 100
141 87.9 64.3 96.5

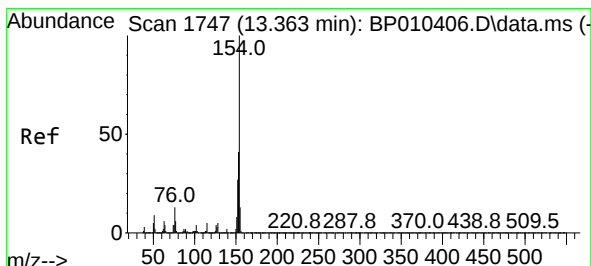
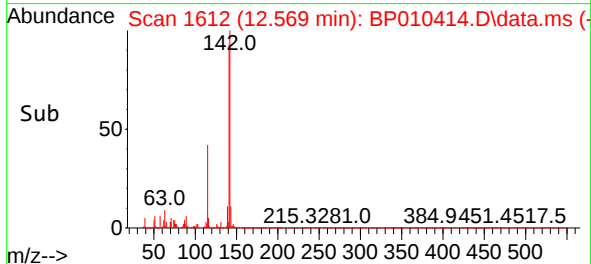
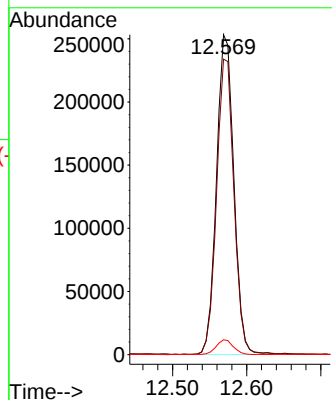
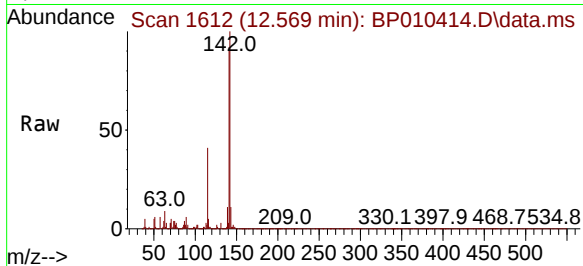




#37
1-Methylnaphthalene
Concen: 16.857 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

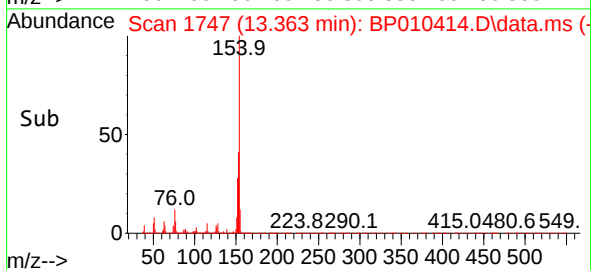
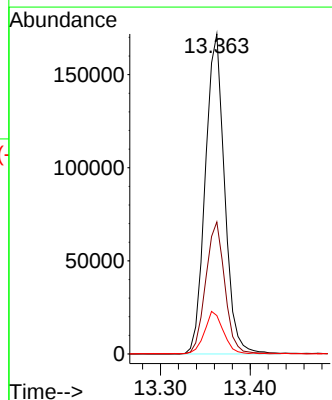
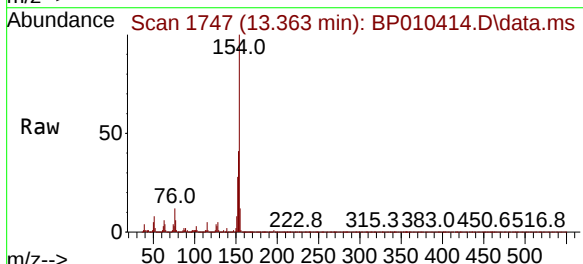
Instrument :
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ClientSampleId :

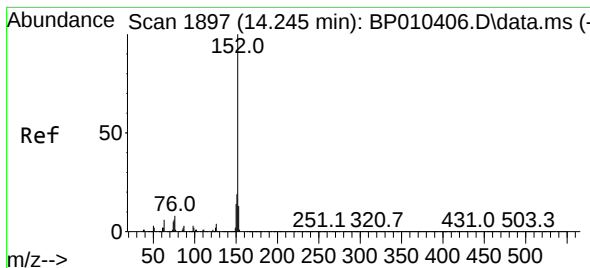
Tgt Ion:142 Resp: 412211
Ion Ratio Lower Upper
142 100
141 92.3 69.8 104.8
116 4.7 5.6 8.4#



#43
1,1'-Biphenyl
Concen: 7.837 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

Tgt Ion:154 Resp: 256321
Ion Ratio Lower Upper
154 100
153 41.3 28.6 43.0
76 12.0 8.5 12.7





#50

Acenaphthylene

Concen: 1.442 ng/ul

RT: 14.245 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP010414.D

Acq: 19 May 2022 21:46

Instrument :

BNA_P

ClientSampleId :

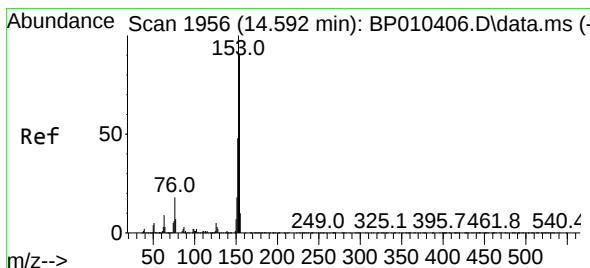
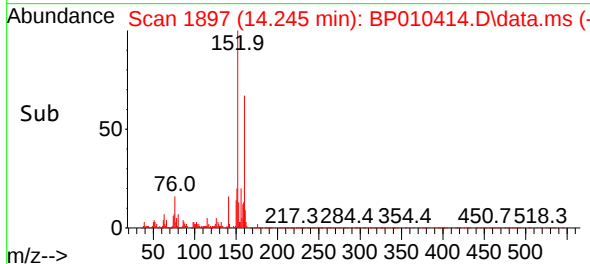
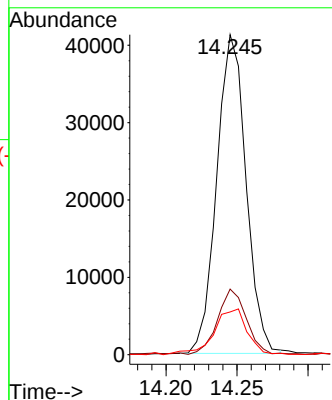
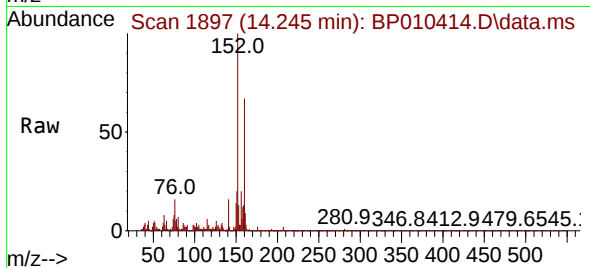
Tgt Ion:152 Resp: 59079

Ion Ratio Lower Upper

152 100

151 20.5 18.3 27.5

153 13.4 11.0 16.6



#52

Acenaphthene

Concen: 20.640 ng/ul

RT: 14.586 min Scan# 1955

Delta R.T. -0.012 min

Lab File: BP010414.D

Acq: 19 May 2022 21:46

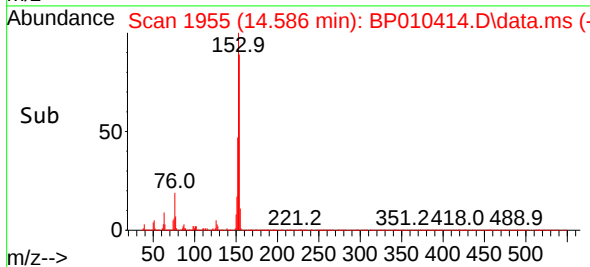
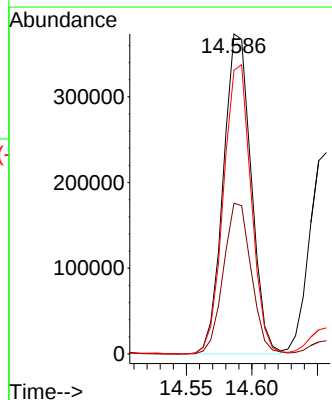
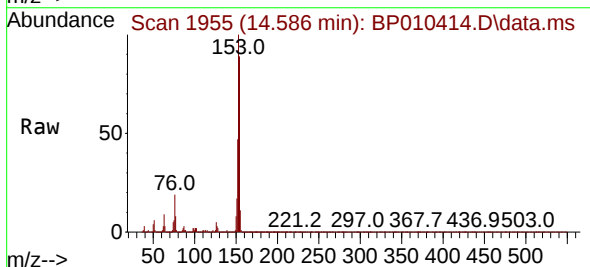
Tgt Ion:153 Resp: 551578

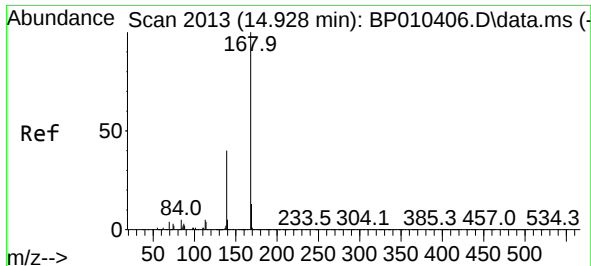
Ion Ratio Lower Upper

153 100

152 47.1 34.3 51.5

154 88.6 70.0 105.0

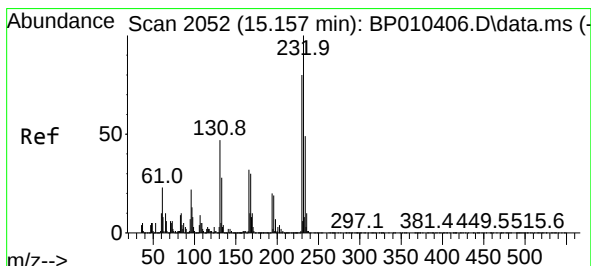
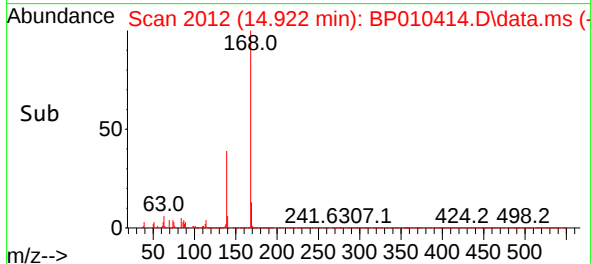
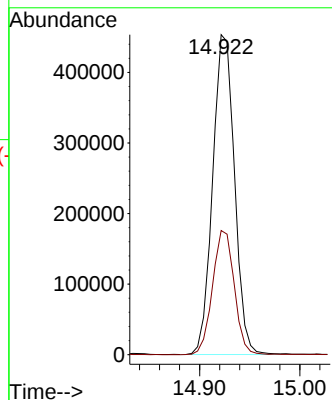
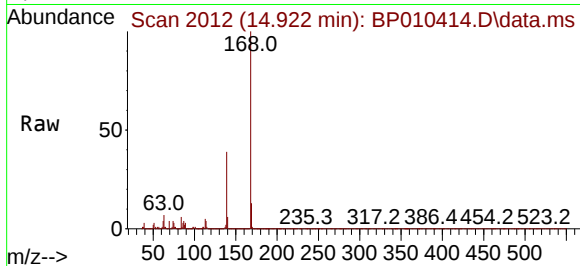




#56
Dibenzenofuran
Concen: 17.530 ng/ul
RT: 14.922 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

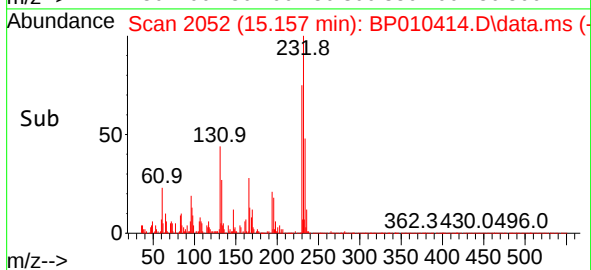
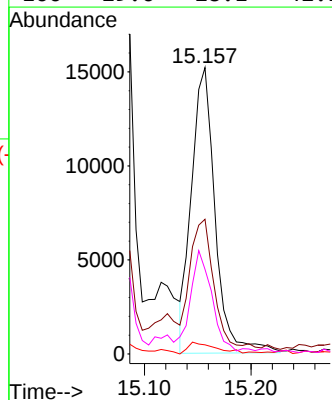
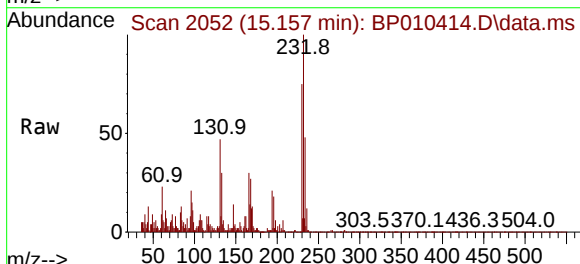
Instrument :
BNA_P
ClientSampleId :

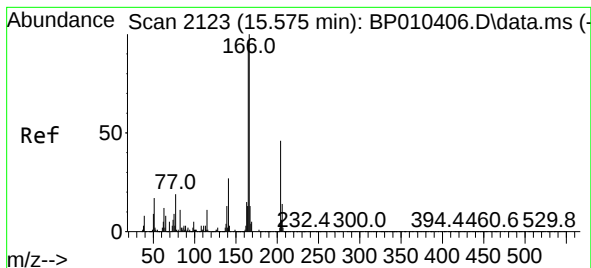
Tgt Ion:168 Resp: 686544
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.883 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

Tgt Ion:232 Resp: 23463
Ion Ratio Lower Upper
232 100
131 47.0 25.4 38.2#
130 3.2 4.2 6.2#
166 29.6 28.1 42.1





#61

Fluorene

Concen: 5.281 ng/ul

RT: 15.574 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP010414.D

Acq: 19 May 2022 21:46

Instrument :

BNA_P

ClientSampleId :

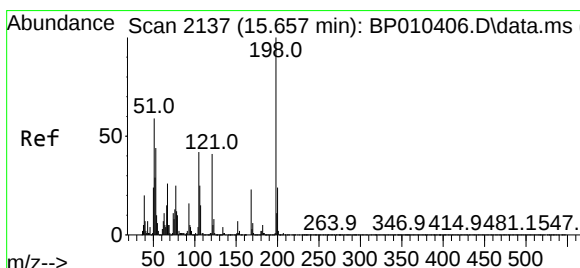
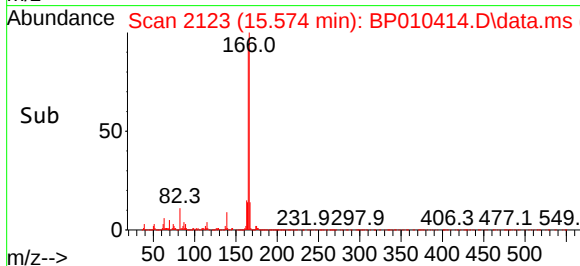
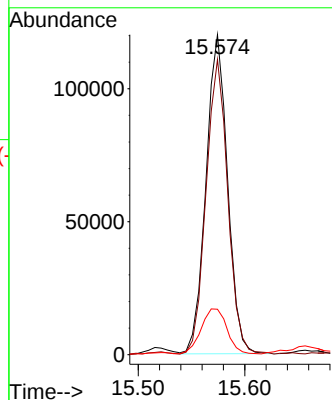
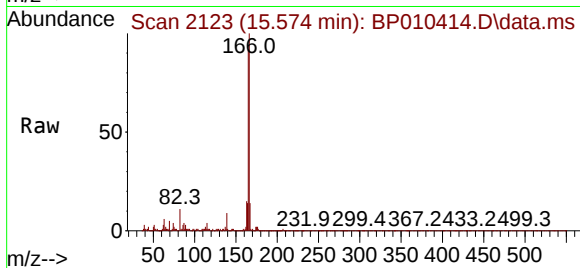
Tgt Ion:166 Resp: 169143

Ion Ratio Lower Upper

166 100

165 92.2 70.3 105.5

167 14.2 9.5 14.3



#66

4,6-Dinitro-2-methylphenol

Concen: 4.194 ng/ul

RT: 15.657 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BP010414.D

Acq: 19 May 2022 21:46

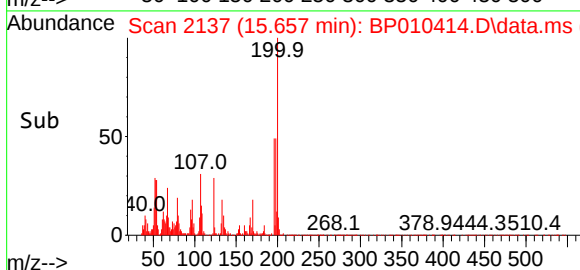
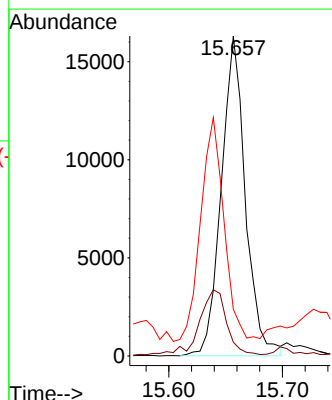
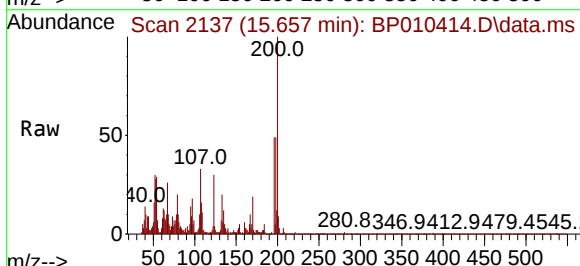
Tgt Ion:198 Resp: 23981

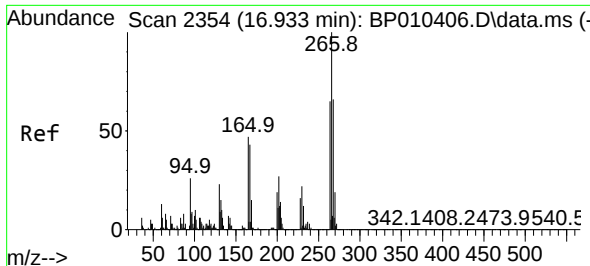
Ion Ratio Lower Upper

198 100

182 4.3 6.0 9.0#

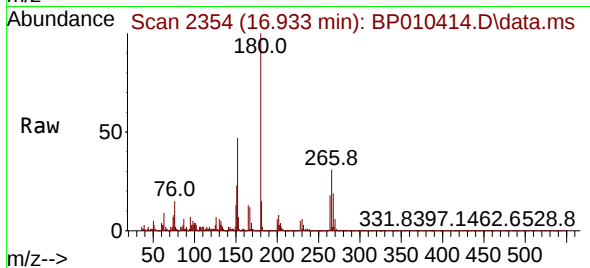
77 14.6 17.7 26.5#



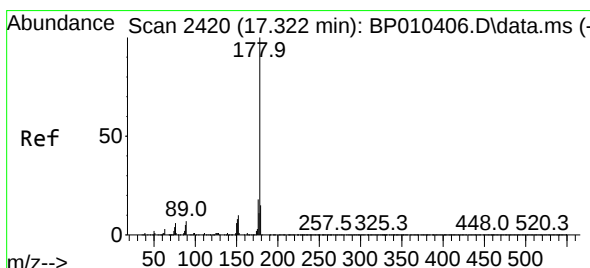
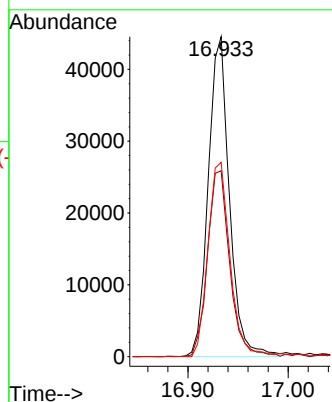
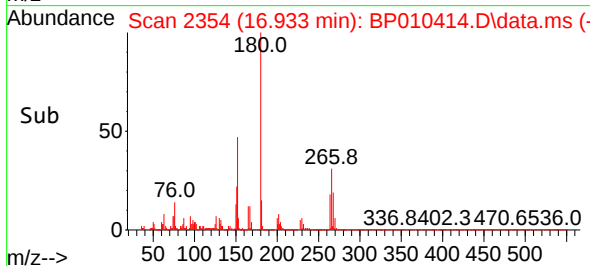


#71
Pentachlorophenol
Concen: 8.954 ng/ul
RT: 16.933 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

Instrument :
BNA_P
ClientSampleId :

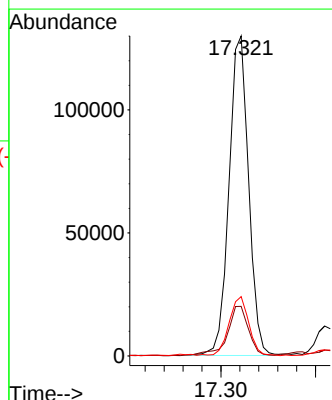
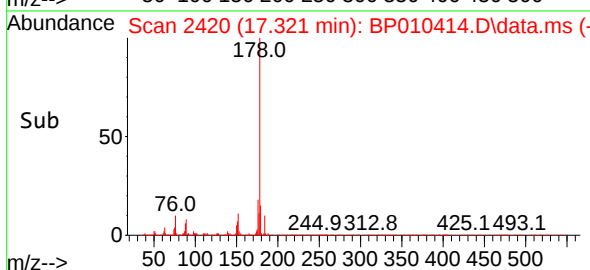
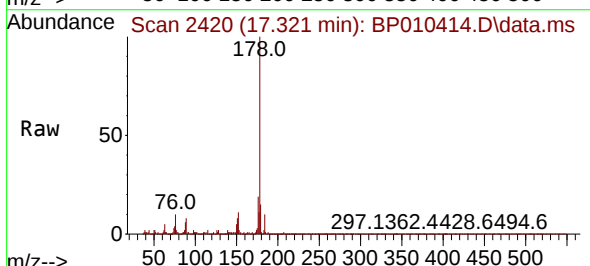


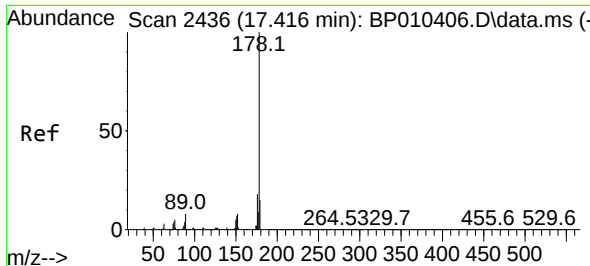
Tgt Ion:266 Resp: 65242
Ion Ratio Lower Upper
266 100
264 58.1 57.3 85.9
268 60.7 65.7 98.5#



#72
Phenanthrene
Concen: 3.562 ng/ul
RT: 17.321 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP010414.D
Acq: 19 May 2022 21:46

Tgt Ion:178 Resp: 186376
Ion Ratio Lower Upper
178 100
179 15.5 11.7 17.5
176 18.6 14.5 21.7

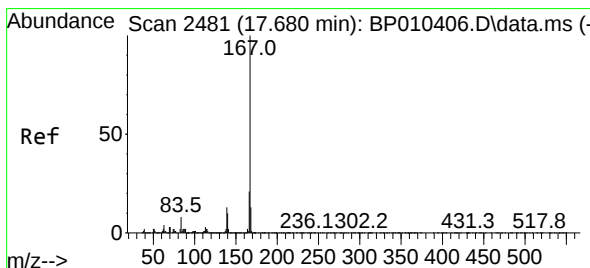
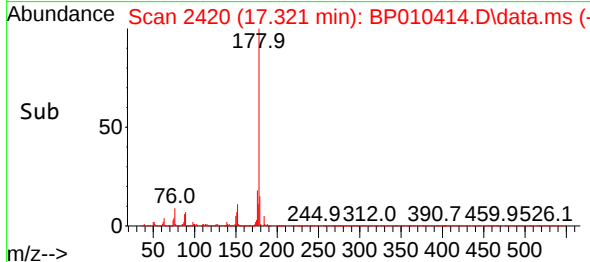
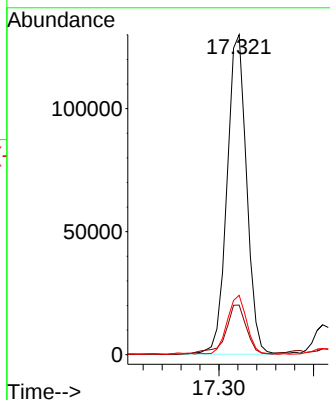
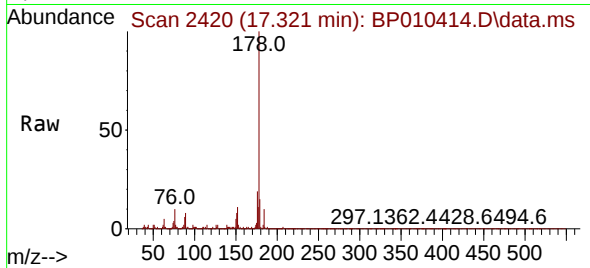




#74
 Anthracene
 Concen: 3.551 ng/ul
 RT: 17.321 min Scan# 2436
 Delta R.T. -0.094 min
 Lab File: BP010414.D
 Acq: 19 May 2022 21:46

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:178 Resp: 186376
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.6 13.4 20.2



#77
 Carbazole
 Concen: 41.056 ng/ul
 RT: 17.680 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BP010414.D
 Acq: 19 May 2022 21:46

Tgt Ion:167 Resp: 1893714
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.8 23.8
 139 13.3 8.3 12.5#

