

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010409.D
 Acq On : 19 May 2022 18:17
 Operator : CG/JU
 Sample : N2918-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 20 00:45:53 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)

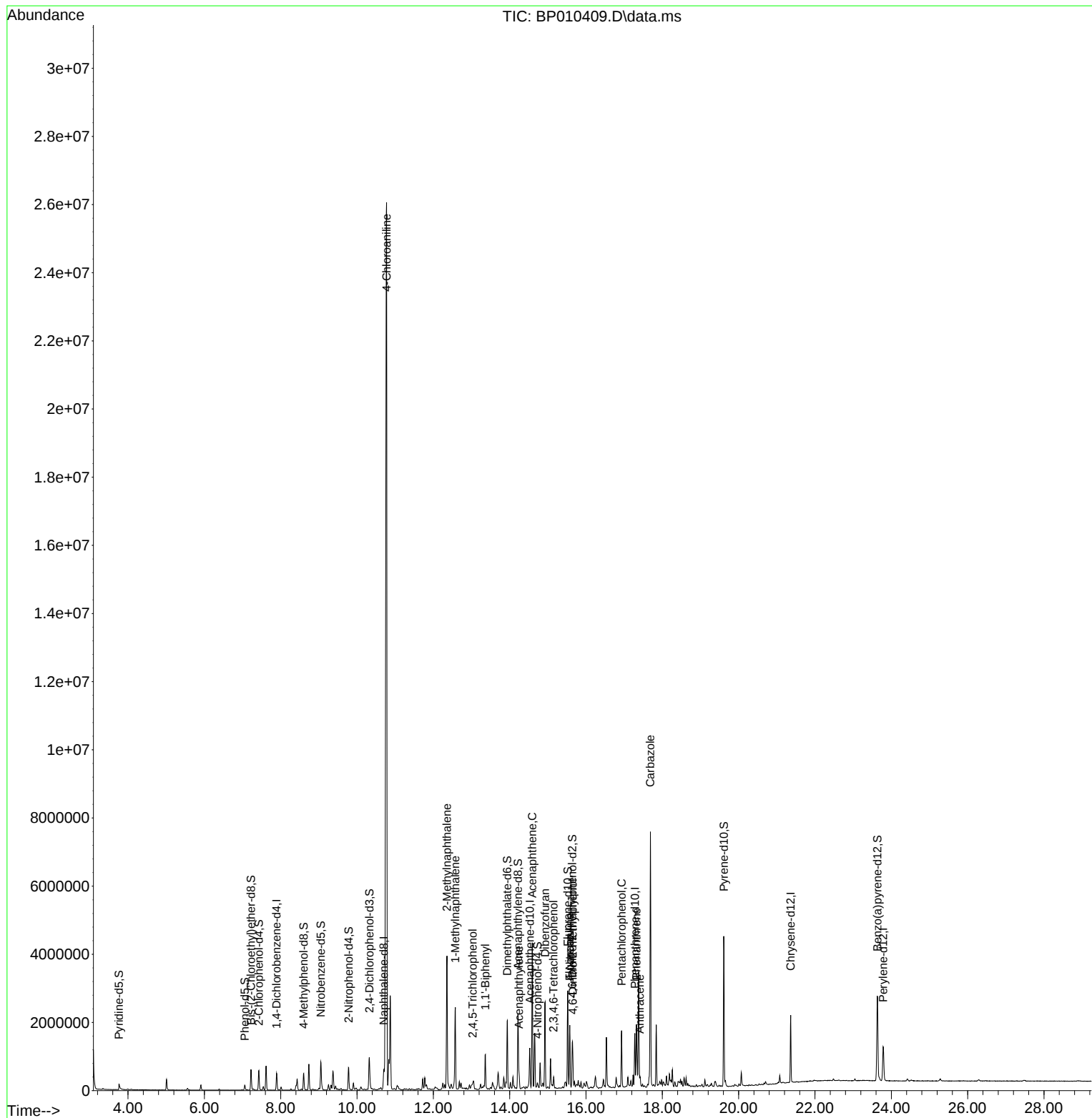
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	127834	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	568524	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.528	164	399067	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	901335	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.363	240	910298	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	810304	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	108	0.036	ng/uL	0.11
4) Pyridine-d5	3.764	84	102463	12.033	ng/ul	0.00
7) Phenol-d5	7.058	99	79796	7.437	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	285249	39.570	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	242916	29.588	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	169766	18.618	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	178815	40.640	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	184811	39.634	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	311471	35.326	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	727	0.055	ng/ul	0.11
46) Dimethylphthalate-d6	13.940	166	1280381	43.547	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1416279	41.760	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	37881	7.238	ng/ul	0.00
60) Fluorene-d10	15.522	176	1107482	43.296	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	263916	50.066	ng/ul	0.00
73) Anthracene-d10	17.539	188	3690	0.090	ng/ul	0.16
81) Pyrene-d10	19.610	212	2277296	47.107	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1914963	47.064	ng/ul	0.00
Target Compounds						
					Qvalue	
32) 4-Chloroaniline	10.775	127	3571807	274.534	ng/ul#	6
36) 2-Methylnaphthalene	12.357	142	1716447	81.649	ng/ul	92
37) 1-Methylnaphthalene	12.575	142	1022167	48.157	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.034	196	35313	4.166	ng/ul#	82
43) 1,1'-Biphenyl	13.363	154	499094	17.039	ng/ul	93
50) Acenaphthylene	14.245	152	146691	3.998	ng/ul	98
52) Acenaphthene	14.592	153	1612651	67.380	ng/ul	97
56) Dibenzofuran	14.928	168	1557955	44.418	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	58041	7.963	ng/ul#	85
61) Fluorene	15.575	166	773264	26.958	ng/ul	94
63) 4-Nitroaniline	15.575	138	9044	1.642	ng/ul#	13
66) 4,6-Dinitro-2-methylph...	15.657	198	144966	27.576	ng/ul#	67
71) Pentachlorophenol	16.934	266	181080	27.029	ng/ul#	83
72) Phenanthrene	17.322	178	1016094	21.124	ng/ul	99
74) Anthracene	17.410	178	90729	1.880	ng/ul	96
77) Carbazole	17.686	167	4664557	109.989	ng/ul#	95

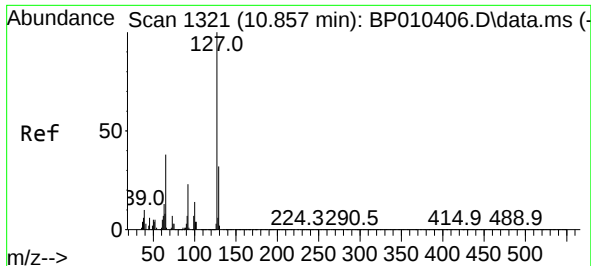
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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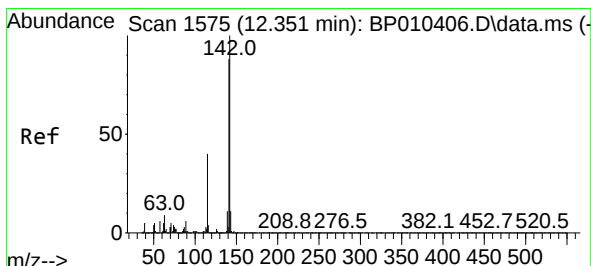
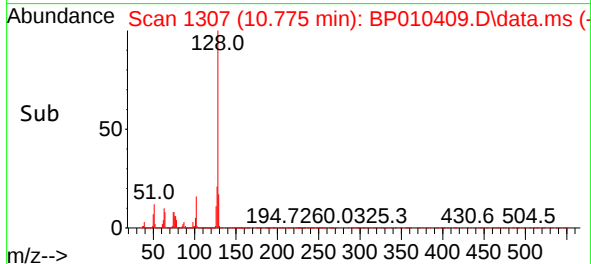
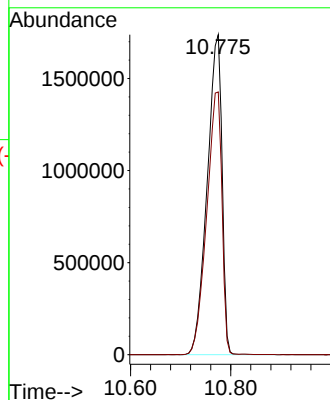
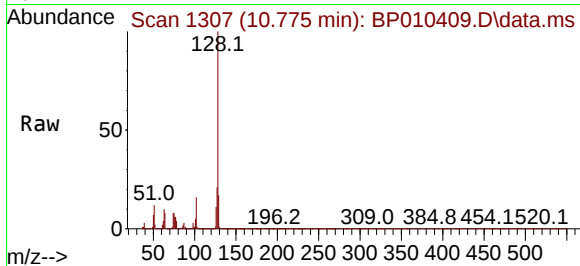




#32
4-Chloroaniline
Concen: 274.534 ng/ul
RT: 10.775 min Scan# 11
Delta R.T. -0.088 min
Lab File: BP010409.D
Acq: 19 May 2022 18:17

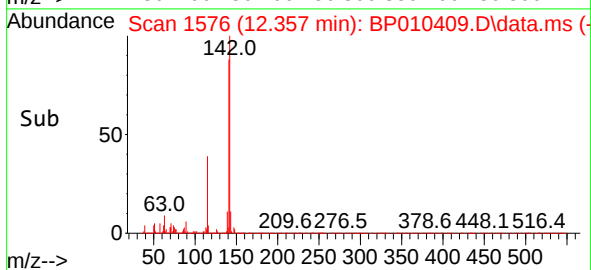
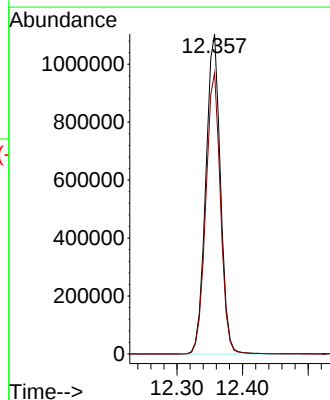
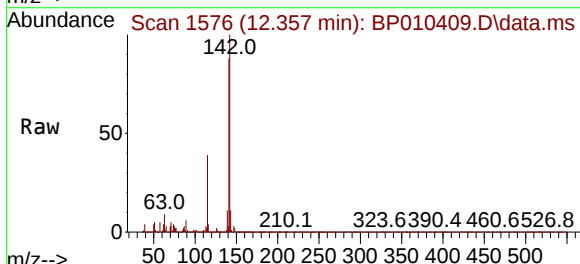
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BNA_P
ClientSampleId :

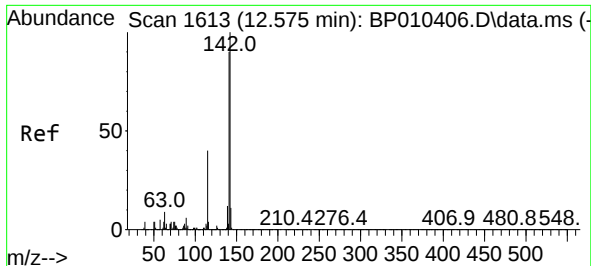
Tgt Ion:127 Resp: 3571807
Ion Ratio Lower Upper
127 100
129 82.1 24.6 37.0#



#36
2-Methylnaphthalene
Concen: 81.649 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP010409.D
Acq: 19 May 2022 18:17

Tgt Ion:142 Resp: 1716447
Ion Ratio Lower Upper
142 100
141 87.9 64.3 96.5

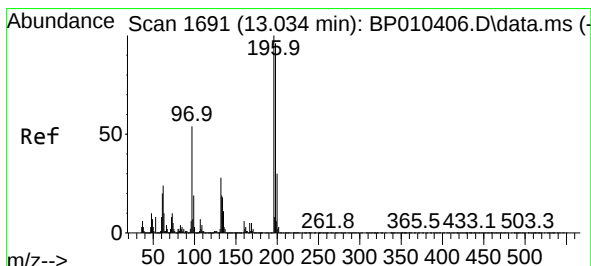
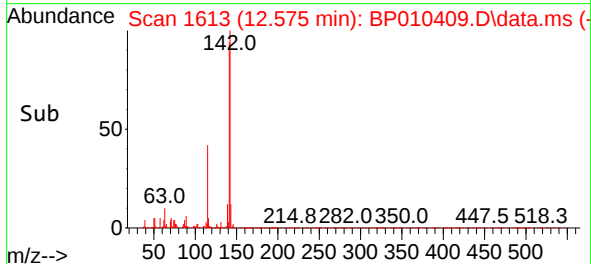
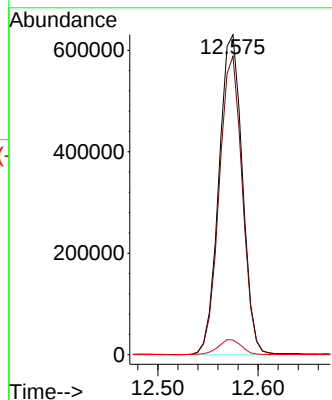
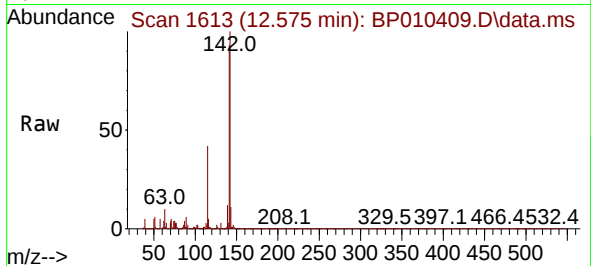




#37
1-Methylnaphthalene
Concen: 48.157 ng/ul
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP010409.D
Acq: 19 May 2022 18:17

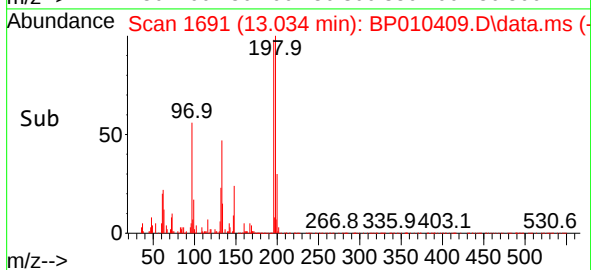
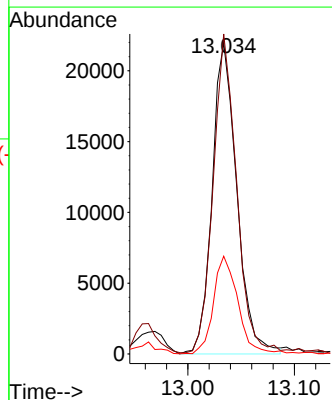
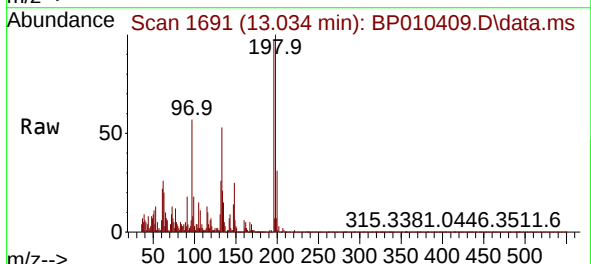
Instrument :
BNA_P
ClientSampleId :

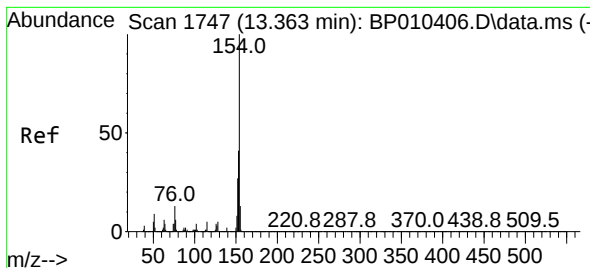
Tgt Ion:142 Resp: 1022167
Ion Ratio Lower Upper
142 100
141 93.3 69.8 104.8
116 4.6 5.6 8.4#



#42
2,4,5-Trichlorophenol
Concen: 4.166 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP010409.D
Acq: 19 May 2022 18:17

Tgt Ion:196 Resp: 35313
Ion Ratio Lower Upper
196 100
198 102.8 68.6 103.0
200 31.4 32.8 49.2#





#43

1,1'-Biphenyl

Concen: 17.039 ng/ul

RT: 13.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010409.D

Acq: 19 May 2022 18:17

Instrument :

BNA_P

ClientSampleId :

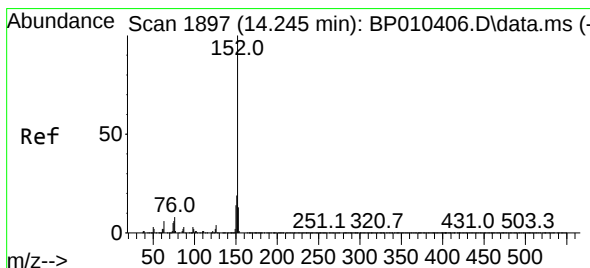
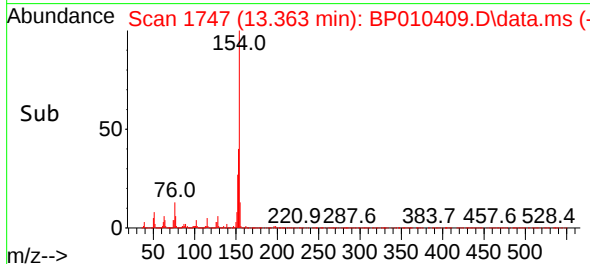
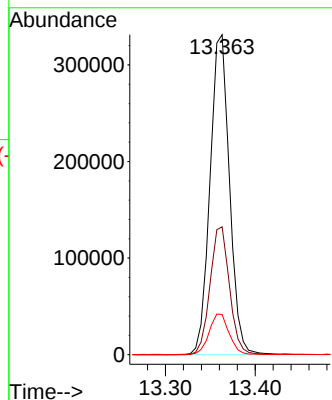
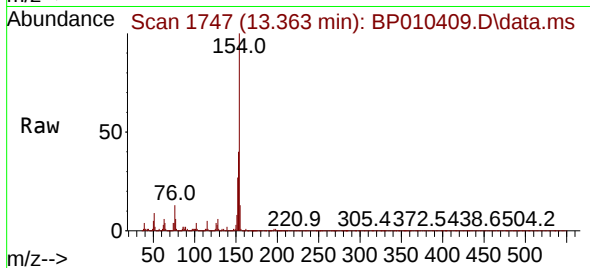
Tgt Ion:154 Resp: 499094

Ion Ratio Lower Upper

154 100

153 39.9 28.6 43.0

76 12.6 8.5 12.7



#50

Acenaphthylene

Concen: 3.998 ng/ul

RT: 14.245 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP010409.D

Acq: 19 May 2022 18:17

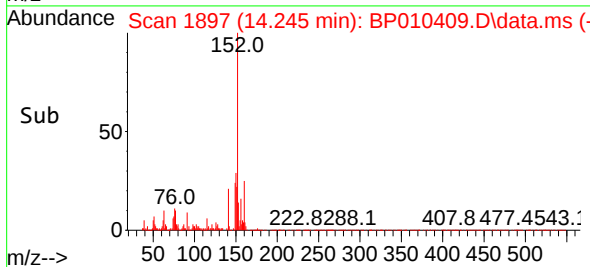
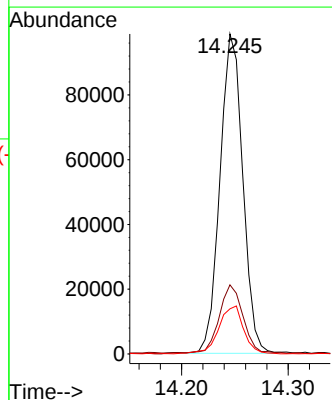
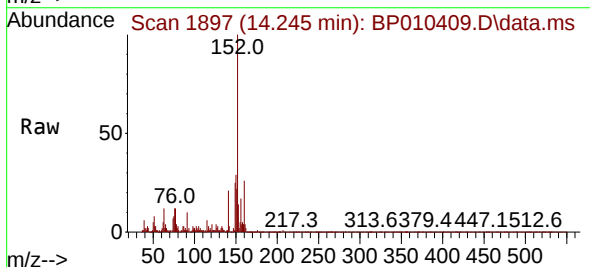
Tgt Ion:152 Resp: 146691

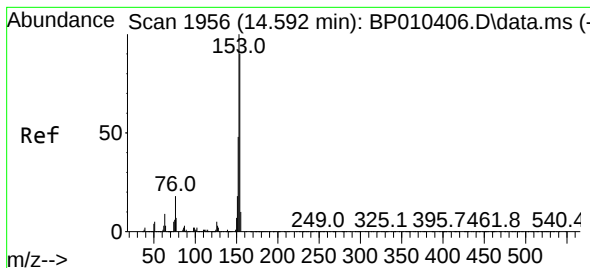
Ion Ratio Lower Upper

152 100

151 21.6 18.3 27.5

153 14.1 11.0 16.6





#52

Acenaphthene

Concen: 67.380 ng/ul

RT: 14.592 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BP010409.D

Acq: 19 May 2022 18:17

Instrument :

BNA_P

ClientSampleId :

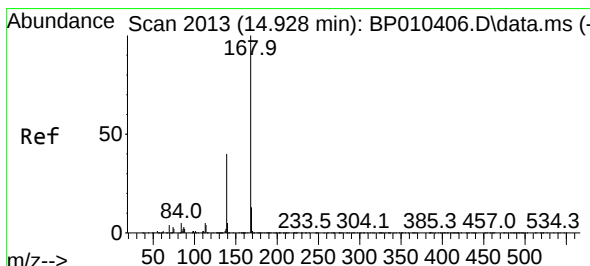
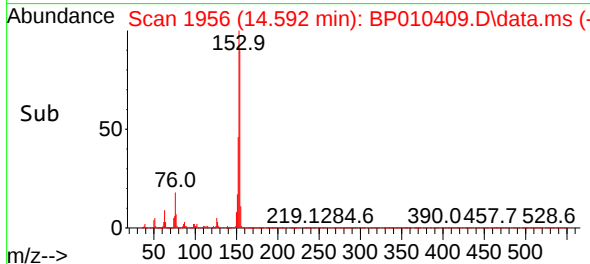
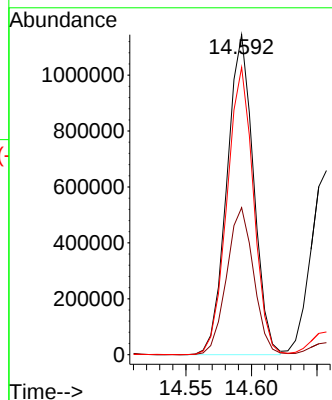
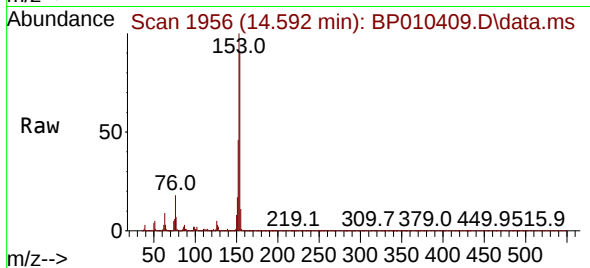
Tgt Ion:153 Resp: 1612651

Ion Ratio Lower Upper

153 100

152 46.0 34.3 51.5

154 89.8 70.0 105.0



#56

Dibenzofuran

Concen: 44.418 ng/ul

RT: 14.928 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BP010409.D

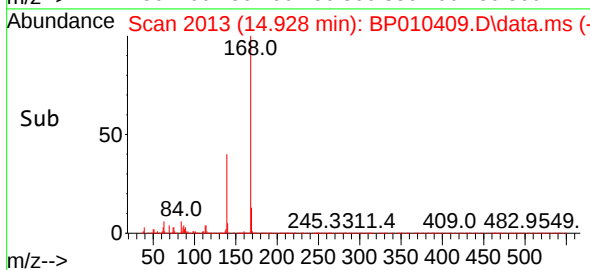
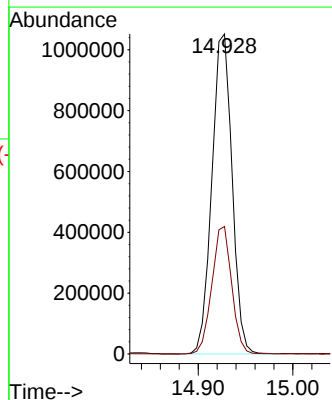
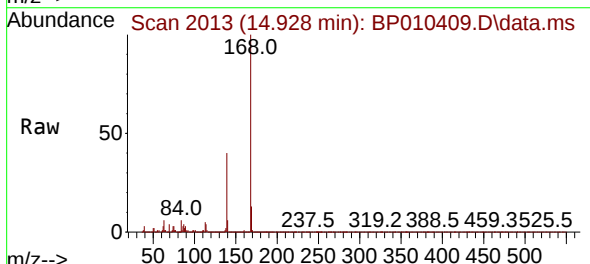
Acq: 19 May 2022 18:17

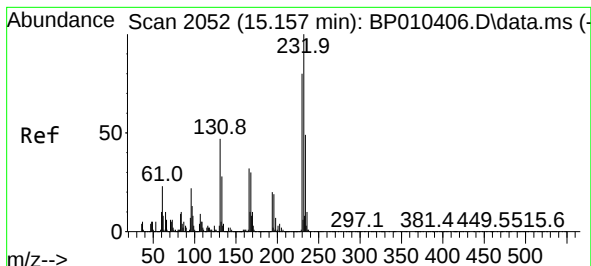
Tgt Ion:168 Resp: 1557955

Ion Ratio Lower Upper

168 100

139 39.9 30.1 45.1

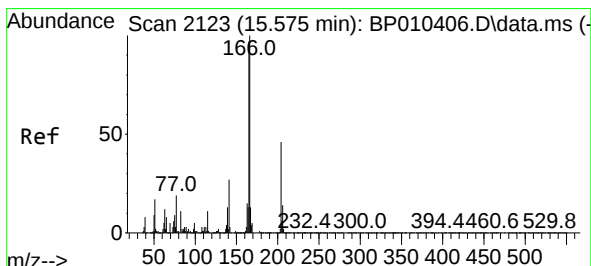
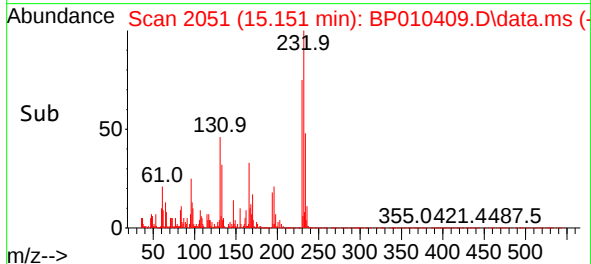
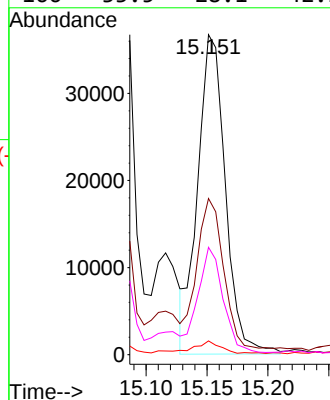
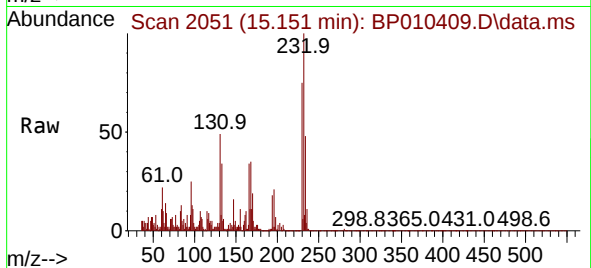




#58
2,3,4,6-Tetrachlorophenol
Concen: 7.963 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP010409.D
Acq: 19 May 2022 18:17

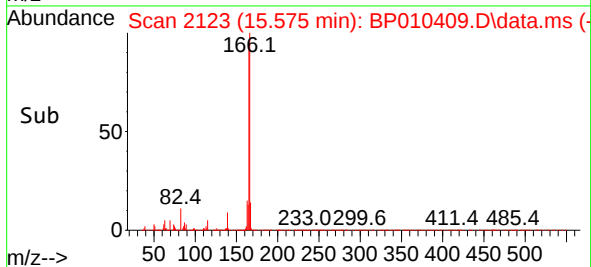
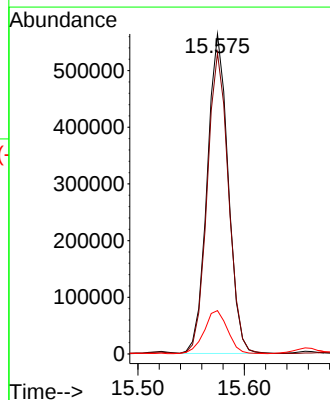
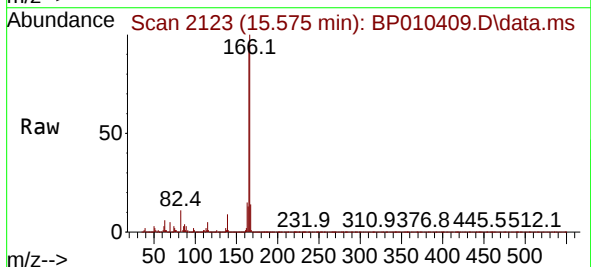
Instrument :
BNA_P
ClientSampleId :

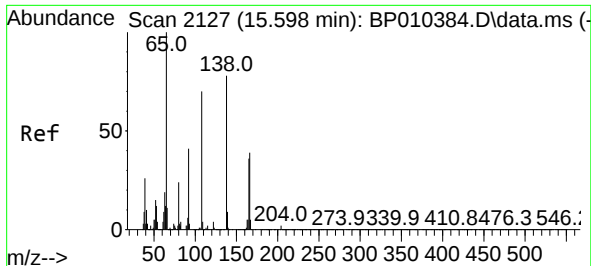
Tgt Ion:232 Resp: 58041
Ion Ratio Lower Upper
232 100
131 48.8 25.4 38.2#
130 4.3 4.2 6.2
166 33.5 28.1 42.1



#61
Fluorene
Concen: 26.958 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP010409.D
Acq: 19 May 2022 18:17

Tgt Ion:166 Resp: 773264
Ion Ratio Lower Upper
166 100
165 94.0 70.3 105.5
167 13.6 9.5 14.3

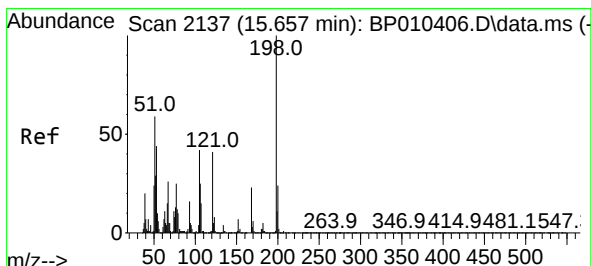
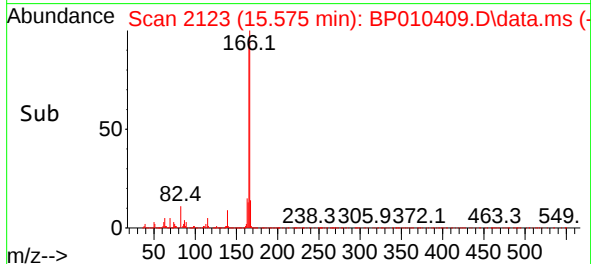
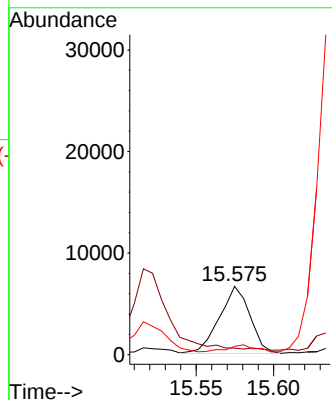
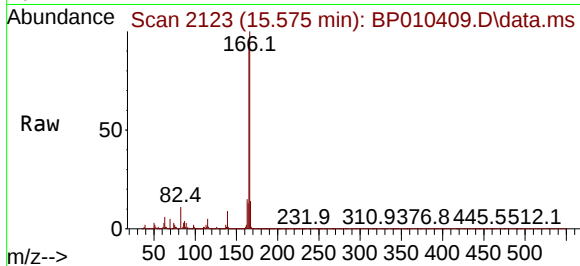




#63
4-Nitroaniline
Concen: 1.642 ng/ul
RT: 15.575 min Scan# 2127
Delta R.T. -0.023 min
Lab File: BP010409.D
Acq: 19 May 2022 18:17

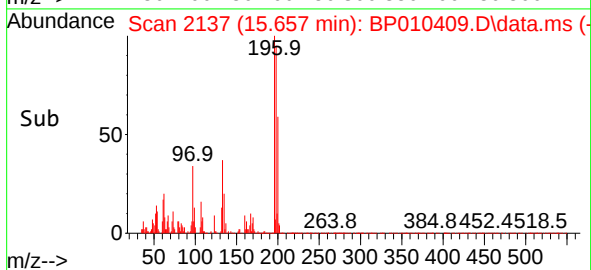
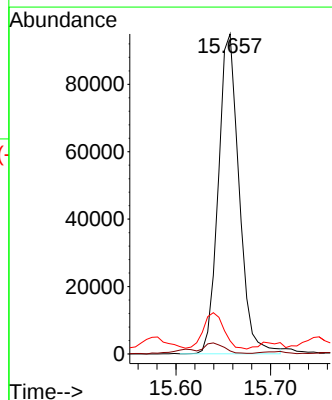
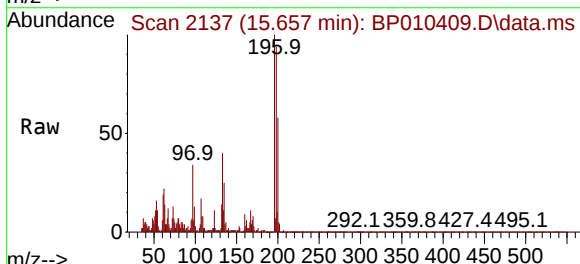
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BNA_P
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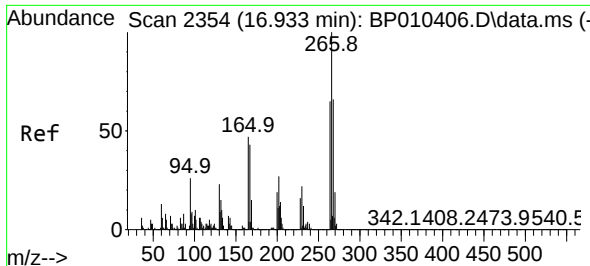
Tgt Ion:138 Resp: 9044
Ion Ratio Lower Upper
138 100
92 9.7 41.6 62.4#
108 12.2 97.6 146.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 27.576 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP010409.D
Acq: 19 May 2022 18:17

Tgt Ion:198 Resp: 144966
Ion Ratio Lower Upper
198 100
182 1.0 6.0 9.0#
77 4.1 17.7 26.5#

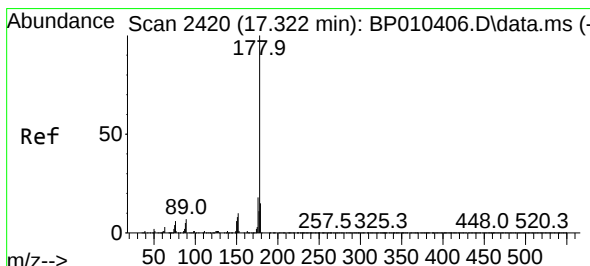
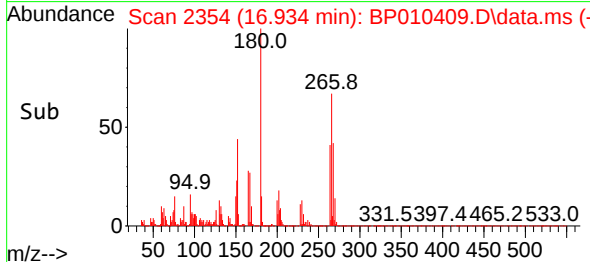
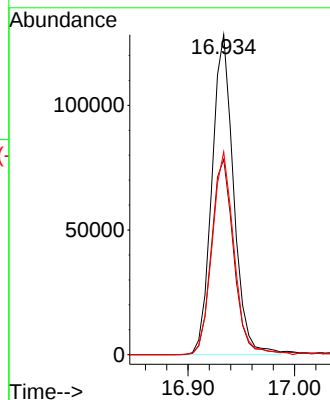
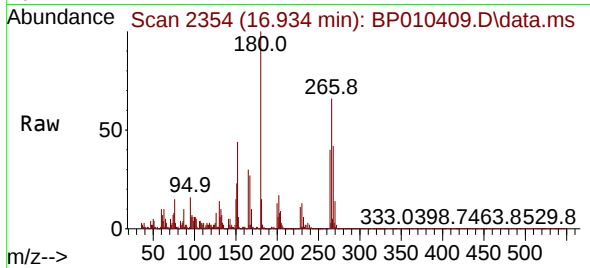




#71
 Pentachlorophenol
 Concen: 27.029 ng/ul
 RT: 16.934 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP010409.D
 Acq: 19 May 2022 18:17

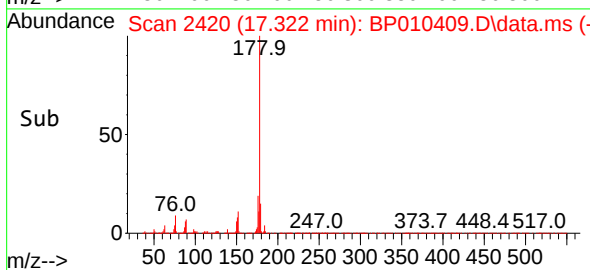
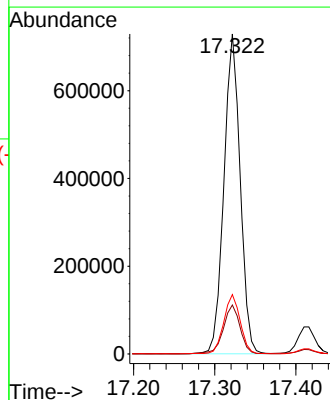
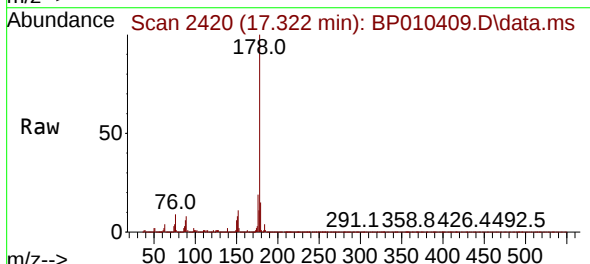
Instrument :
 BNA_P
 ClientSampleId :

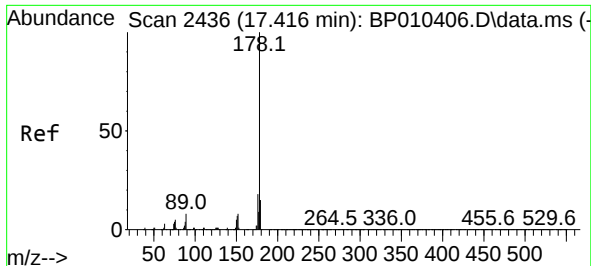
Tgt Ion:266 Resp: 181080
 Ion Ratio Lower Upper
 266 100
 264 61.1 57.3 85.9
 268 63.4 65.7 98.5#



#72
 Phenanthrene
 Concen: 21.124 ng/ul
 RT: 17.322 min Scan# 2420
 Delta R.T. -0.006 min
 Lab File: BP010409.D
 Acq: 19 May 2022 18:17

Tgt Ion:178 Resp: 1016094
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.7 17.5
 176 18.6 14.5 21.7

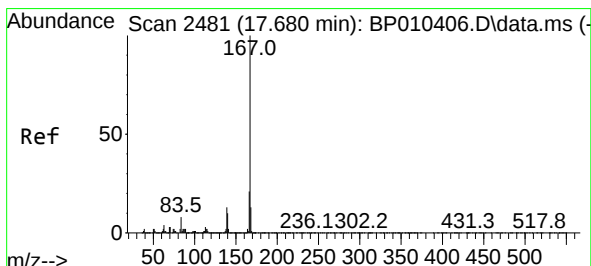
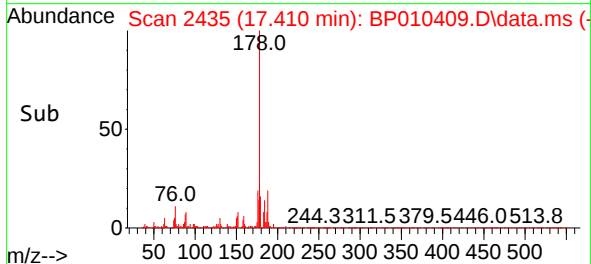
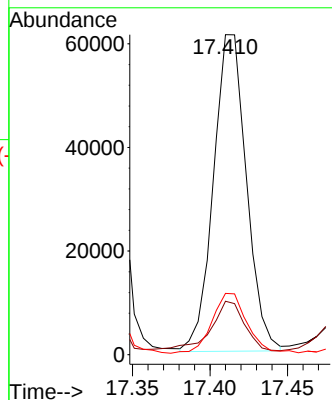
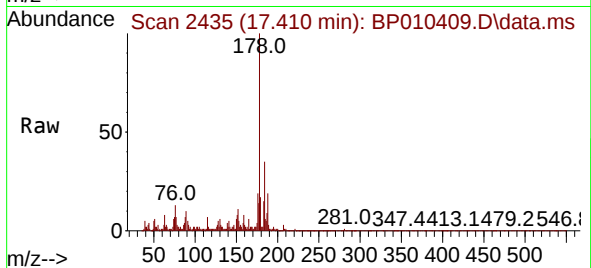




#74
 Anthracene
 Concen: 1.880 ng/ul
 RT: 17.410 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BP010409.D
 Acq: 19 May 2022 18:17

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:178 Resp: 90729
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.3 18.5
 176 19.2 13.4 20.2



#77
 Carbazole
 Concen: 109.989 ng/ul
 RT: 17.686 min Scan# 2482
 Delta R.T. 0.000 min
 Lab File: BP010409.D
 Acq: 19 May 2022 18:17

Tgt Ion:167 Resp: 4664557
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.8 23.8
 139 13.3 8.3 12.5#

