

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010478.D
 Acq On : 23 May 2022 16:01
 Operator : CG/JU
 Sample : N2918-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTG9

Quant Time: May 23 23:19:33 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

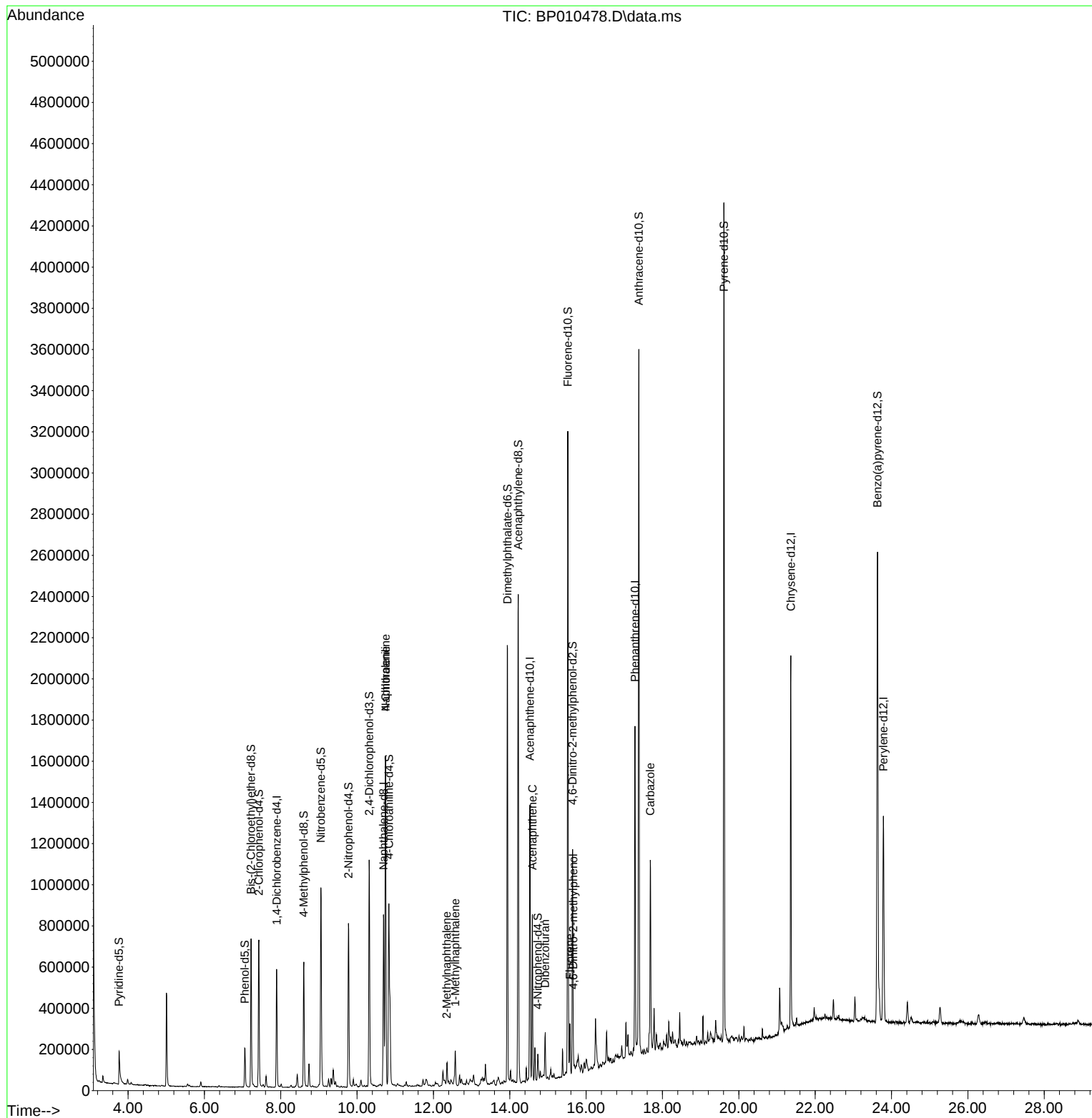
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	150026	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	661801	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.528	164	445872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	930282	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.363	240	881118	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	771253	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	803	0.228	ng/uL	0.06
4) Pyridine-d5	3.764	84	101041	10.110	ng/ul	0.00
7) Phenol-d5	7.058	99	107697	8.553	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	337609	39.906	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	307171	31.880	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	218826	20.449	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	214208	41.822	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	232040	42.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	372235	36.268	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	451400	29.579	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	1357410	41.321	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1584817	41.825	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	35175	6.016	ng/ul	0.00
60) Fluorene-d10	15.522	176	1166083	40.802	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	210969	38.776	ng/ul	0.00
73) Anthracene-d10	17.381	188	1834994	43.561	ng/ul	0.00
81) Pyrene-d10	19.610	212	2173102	46.440	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1703156	43.978	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.746	128	1215293	35.158	ng/ul	96
32) 4-Chloroaniline	10.746	127	157430	10.395	ng/ul#	1
36) 2-Methylnaphthalene	12.351	142	49259	2.013	ng/ul	90
37) 1-Methylnaphthalene	12.575	142	62307	2.522	ng/ul#	96
52) Acenaphthene	14.592	153	314760	11.771	ng/ul	97
56) Dibenzofuran	14.928	168	133468	3.406	ng/ul	98
61) Fluorene	15.575	166	93735	2.925	ng/ul#	95
66) 4,6-Dinitro-2-methylph...	15.663	198	10484	1.932	ng/ul#	82
77) Carbazole	17.681	167	581180	13.278	ng/ul#	93

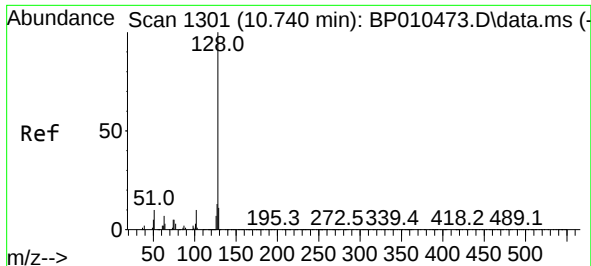
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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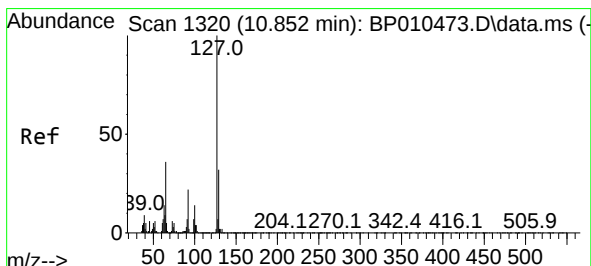
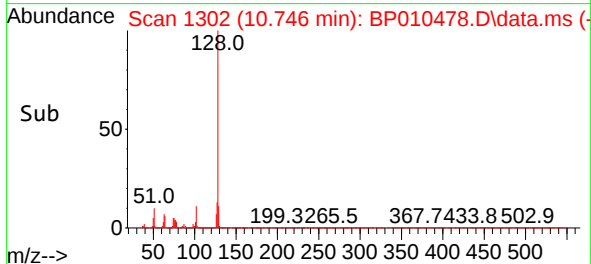
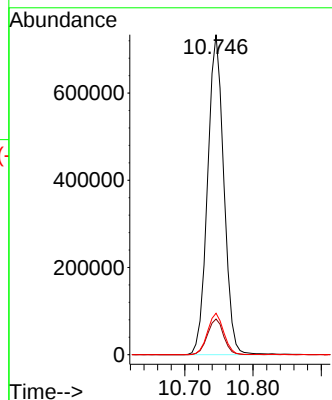
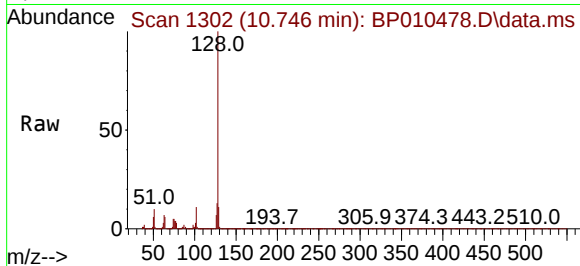




#30
Naphthalene
Concen: 35.158 ng/ul
RT: 10.746 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP010478.D
Acq: 23 May 2022 16:01

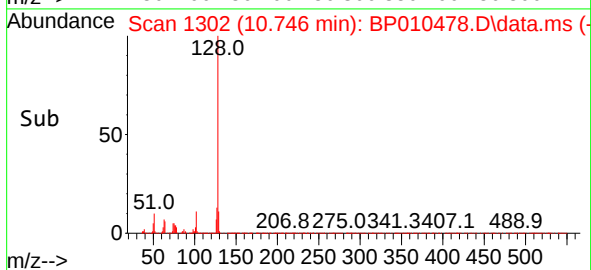
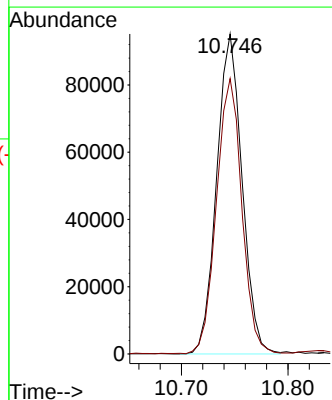
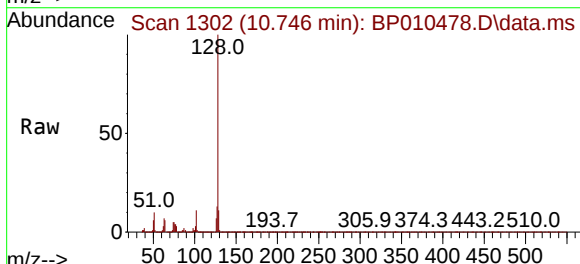
Instrument :
BNA_P
ClientSampleId :
DBTG9

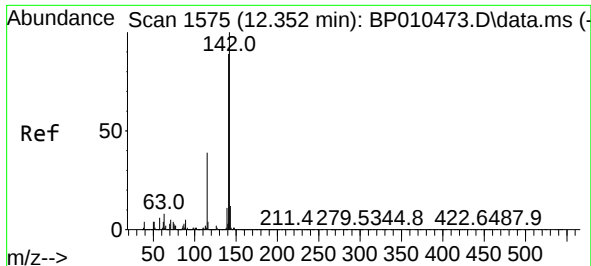
Tgt Ion:128 Resp: 1215293
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 12.2 18.4



#32
4-Chloroaniline
Concen: 10.395 ng/ul
RT: 10.746 min Scan# 1302
Delta R.T. -0.117 min
Lab File: BP010478.D
Acq: 23 May 2022 16:01

Tgt Ion:127 Resp: 157430
Ion Ratio Lower Upper
127 100
129 86.1 24.6 37.0#

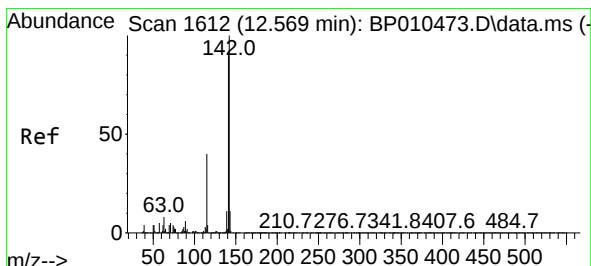
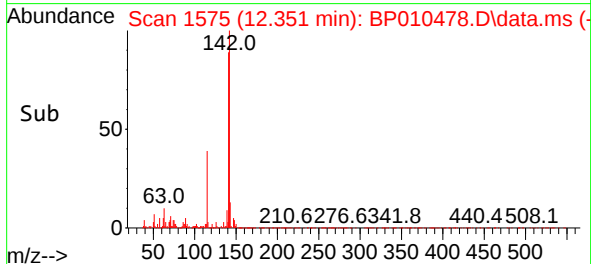
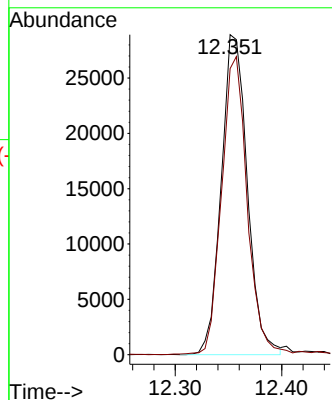
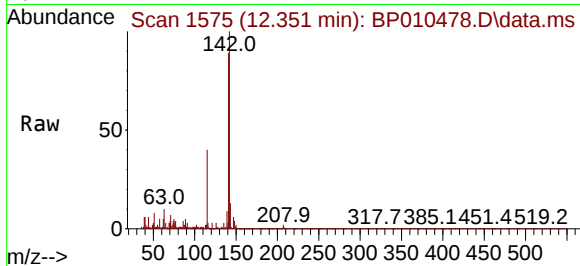




#36
2-Methylnaphthalene
Concen: 2.013 ng/ul
RT: 12.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP010478.D
Acq: 23 May 2022 16:01

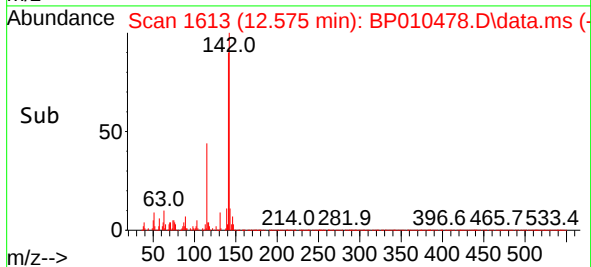
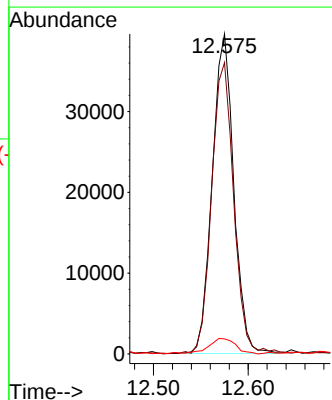
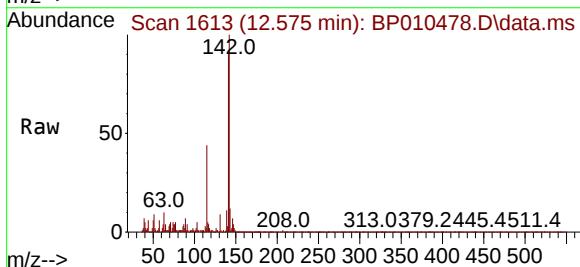
Instrument :
BNA_P
ClientSampleId :
DBTG9

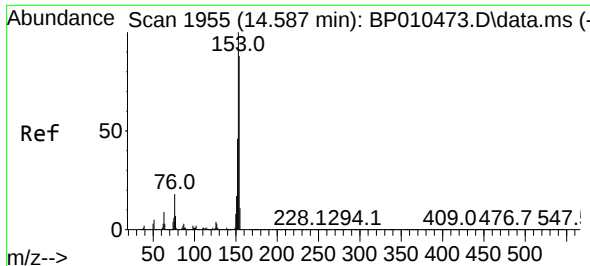
Tgt Ion:142 Resp: 49259
Ion Ratio Lower Upper
142 100
141 89.4 64.3 96.5



#37
1-Methylnaphthalene
Concen: 2.522 ng/ul
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP010478.D
Acq: 23 May 2022 16:01

Tgt Ion:142 Resp: 62307
Ion Ratio Lower Upper
142 100
141 91.0 69.8 104.8
116 4.7 5.6 8.4#

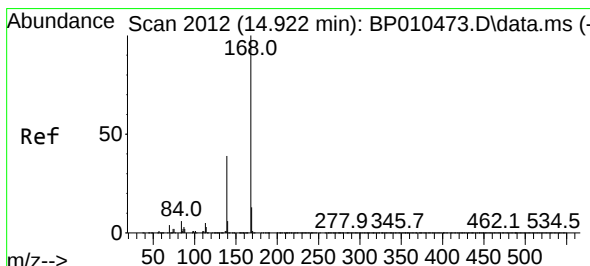
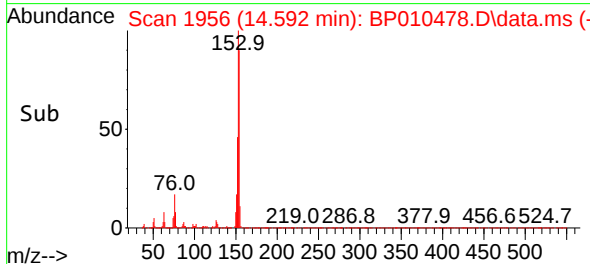
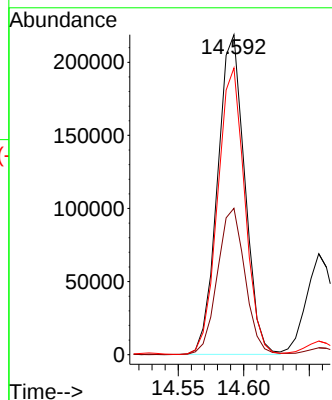
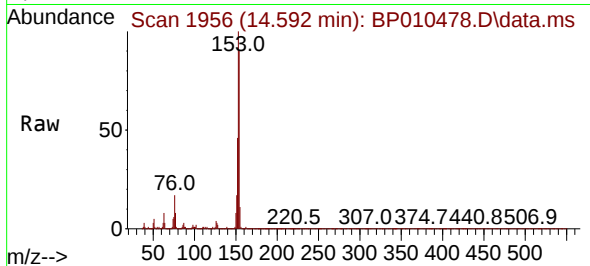




#52
Acenaphthene
Concen: 11.771 ng/ul
RT: 14.592 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP010478.D
Acq: 23 May 2022 16:01

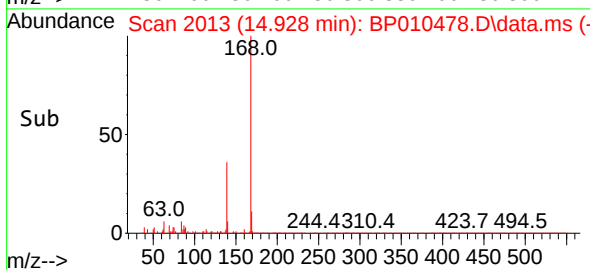
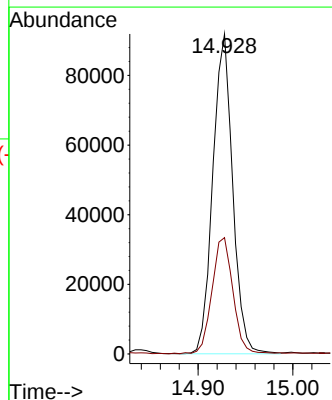
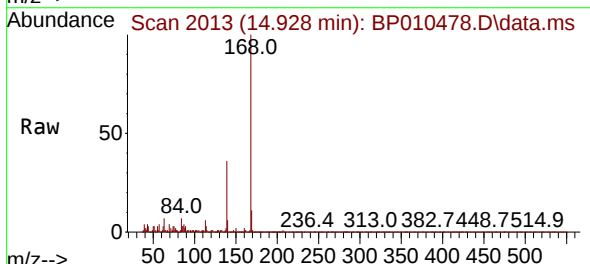
Instrument :
BNA_P
ClientSampleId :
DBTG9

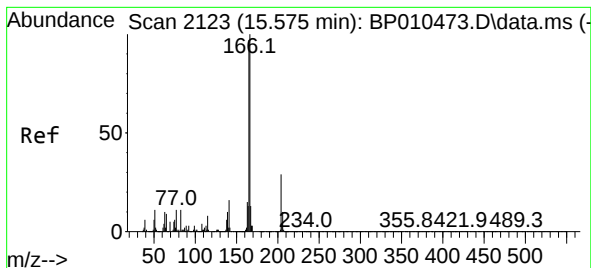
Tgt Ion:153 Resp: 314760
Ion Ratio Lower Upper
153 100
152 45.8 34.3 51.5
154 89.6 70.0 105.0



#56
Dibenzofuran
Concen: 3.406 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP010478.D
Acq: 23 May 2022 16:01

Tgt Ion:168 Resp: 133468
Ion Ratio Lower Upper
168 100
139 36.4 30.1 45.1





#61

Fluorene

Concen: 2.925 ng/ul

RT: 15.575 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP010478.D

Acq: 23 May 2022 16:01

Instrument :

BNA_P

ClientSampleId :

DBTG9

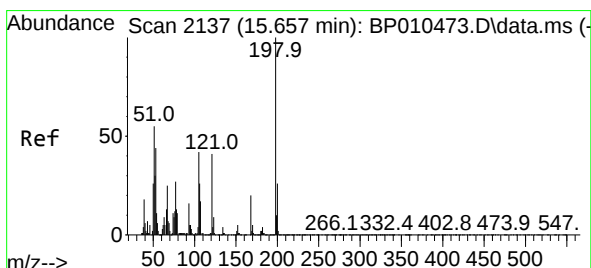
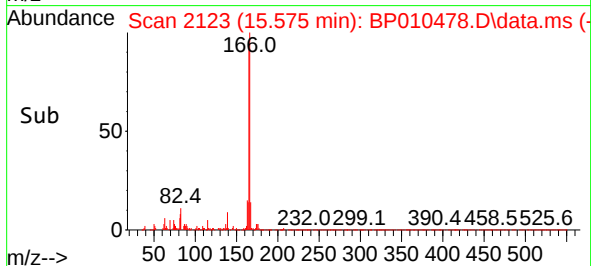
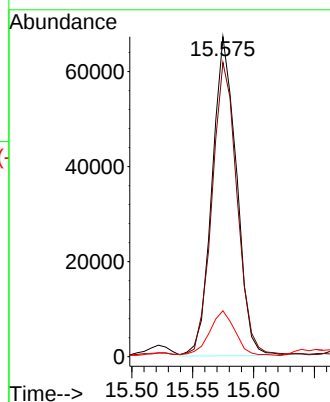
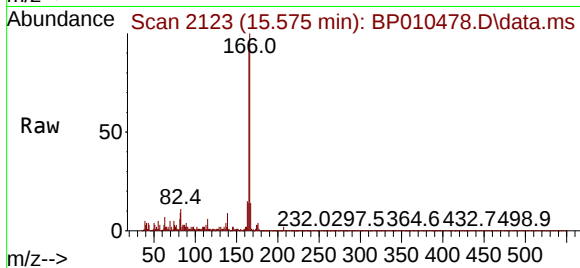
Tgt Ion:166 Resp: 93735

Ion Ratio Lower Upper

166 100

165 91.9 70.3 105.5

167 14.3 9.5 14.3#



#66

4,6-Dinitro-2-methylphenol

Concen: 1.932 ng/ul

RT: 15.663 min Scan# 2138

Delta R.T. 0.000 min

Lab File: BP010478.D

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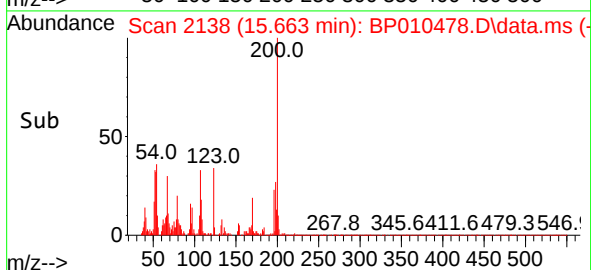
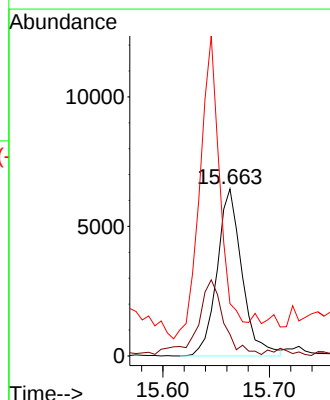
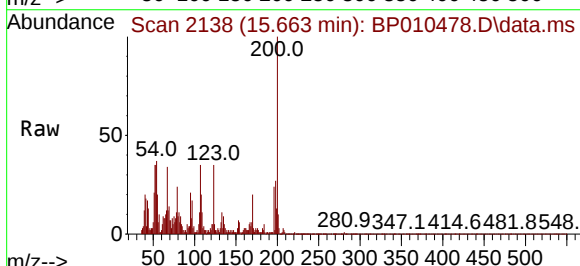
Tgt Ion:198 Resp: 10484

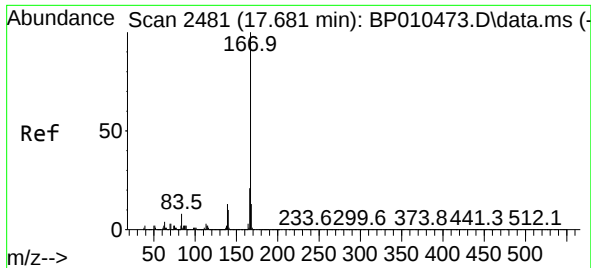
Ion Ratio Lower Upper

198 100

182 12.9 6.0 9.0#

77 31.3 17.7 26.5#





#77
 Carbazole
 Concen: 13.278 ng/ul
 RT: 17.681 min Scan# 2481
 Delta R.T. -0.006 min
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Tgt Ion:167 Resp: 581180
 Ion Ratio Lower Upper
 167 100
 166 22.0 15.8 23.8
 139 14.0 8.3 12.5#

