

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010411.D
 Acq On : 19 May 2022 20:04
 Operator : CG/JU
 Sample : N2918-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 20 00:46:10 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)

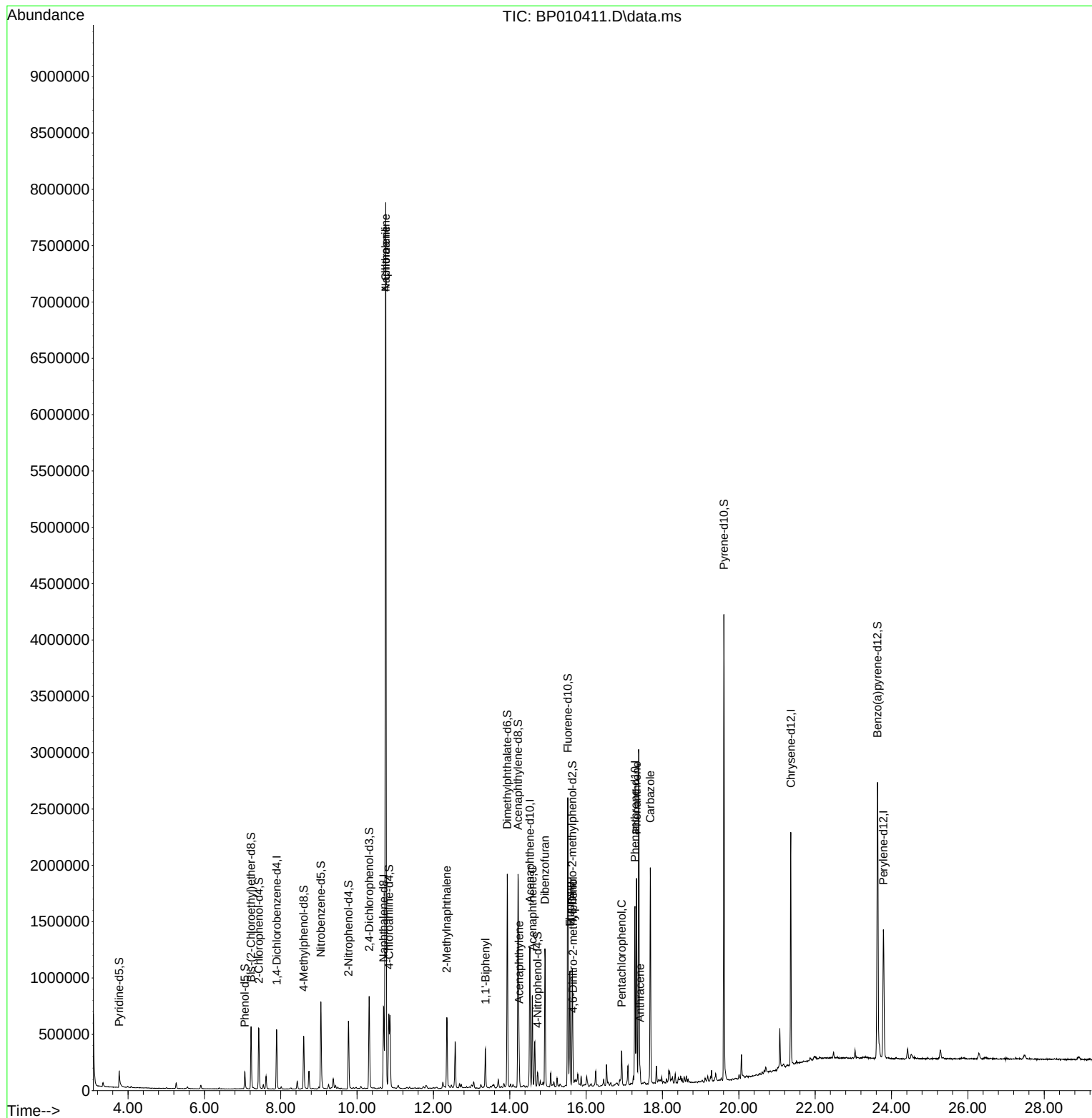
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	137177	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	609812	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.528	164	417899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	929758	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.363	240	972832	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	869213	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	617	0.192	ng/uL	0.04
4) Pyridine-d5	3.770	84	89955	9.844	ng/ul	0.00
7) Phenol-d5	7.058	99	83473	7.250	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	262007	33.870	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	230190	26.128	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	170229	17.397	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	165293	35.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	166687	33.327	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	280932	29.705	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	338384	24.064	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1167679	37.925	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1252714	35.273	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	36225	6.610	ng/ul	0.00
60) Fluorene-d10	15.522	176	993686	37.097	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	201136	36.990	ng/ul	0.00
73) Anthracene-d10	17.451	188	2435	0.058	ng/ul	0.07
81) Pyrene-d10	19.610	212	2187775	42.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1887065	43.235	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.752	128	6128911	192.422	ng/ul	97
32) 4-Chloroaniline	10.752	127	812611	58.230	ng/ul#	4
36) 2-Methylnaphthalene	12.351	142	293127	13.000	ng/ul	91
43) 1,1'-Biphenyl	13.363	154	177082	5.773	ng/ul	94
50) Acenaphthylene	14.245	152	65771	1.712	ng/ul#	90
52) Acenaphthene	14.592	153	320747	12.798	ng/ul	97
56) Dibenzofuran	14.922	168	734221	19.989	ng/ul	96
61) Fluorene	15.575	166	424437	14.130	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.657	198	15270	2.816	ng/ul#	97
71) Pentachlorophenol	16.934	266	14107	2.041	ng/ul	90
72) Phenanthrene	17.322	178	1038461	20.929	ng/ul	99
74) Anthracene	17.410	178	69554	1.397	ng/ul	97
77) Carbazole	17.681	167	1140475	26.070	ng/ul#	96

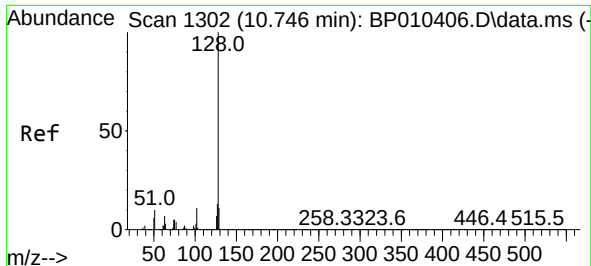
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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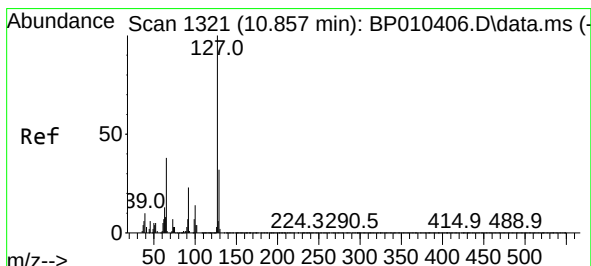
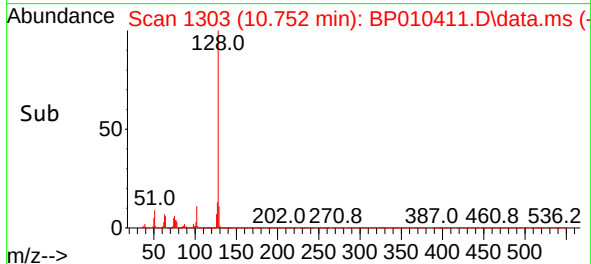
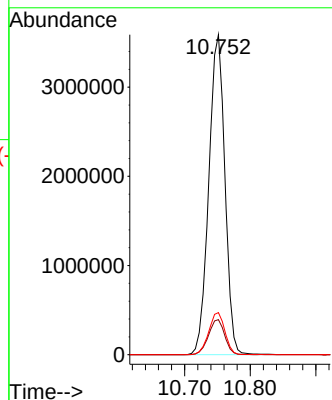
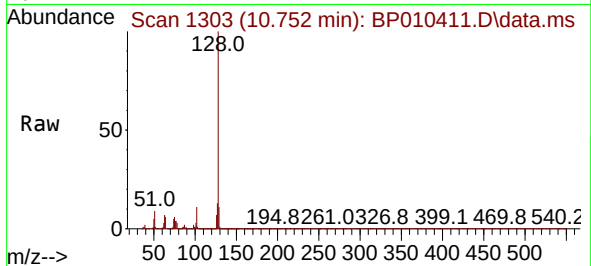




#30
Naphthalene
Concen: 192.422 ng/ul
RT: 10.752 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP010411.D
Acq: 19 May 2022 20:04

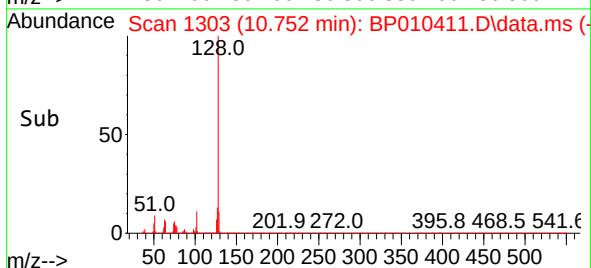
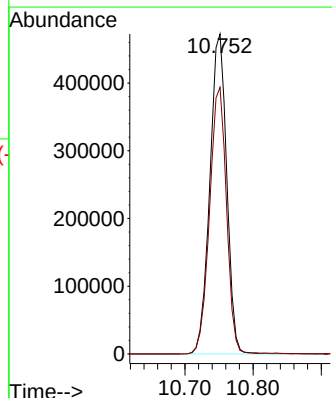
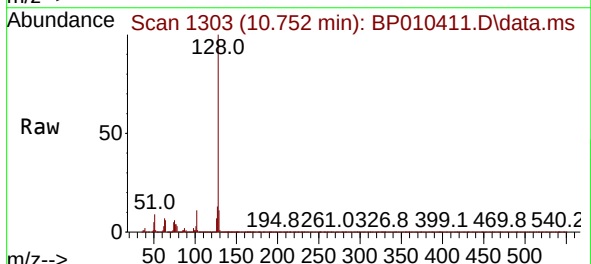
Instrument :
BNA_P
ClientSampleId :

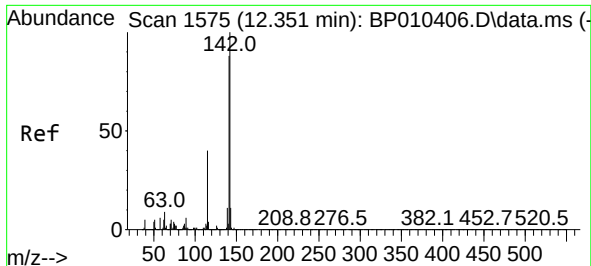
Tgt Ion:128 Resp: 6128911
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 12.2 18.4



#32
4-Chloroaniline
Concen: 58.230 ng/ul
RT: 10.752 min Scan# 1303
Delta R.T. -0.112 min
Lab File: BP010411.D
Acq: 19 May 2022 20:04

Tgt Ion:127 Resp: 812611
Ion Ratio Lower Upper
127 100
129 83.3 24.6 37.0#





#36

2-Methylnaphthalene

Concen: 13.000 ng/ul

RT: 12.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP010411.D

Acq: 19 May 2022 20:04

Instrument :

BNA_P

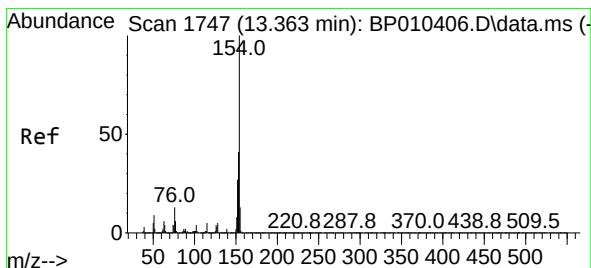
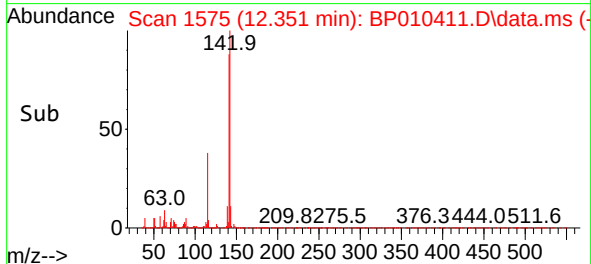
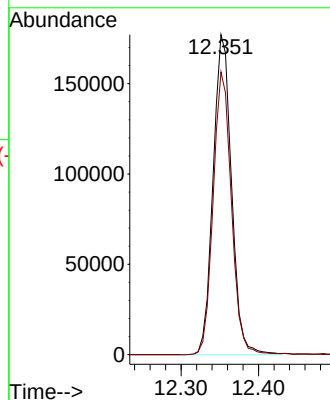
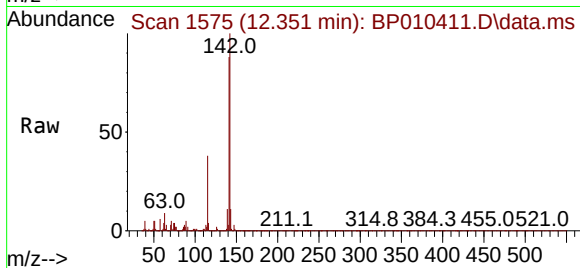
ClientSampleId :

Tgt Ion:142 Resp: 293127

Ion Ratio Lower Upper

142 100

141 88.4 64.3 96.5



#43

1,1'-Biphenyl

Concen: 5.773 ng/ul

RT: 13.363 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BP010411.D

Acq: 19 May 2022 20:04

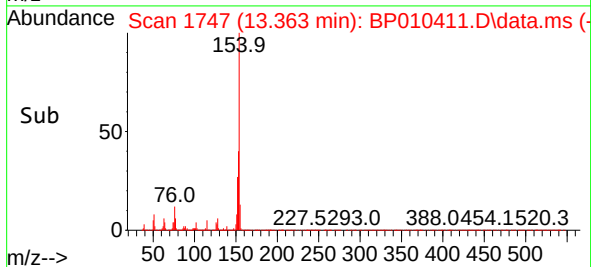
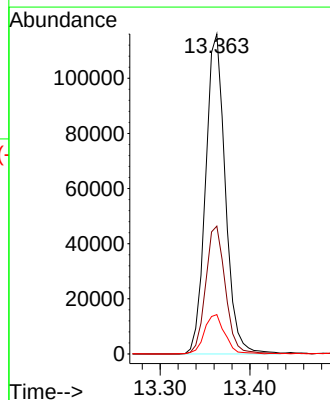
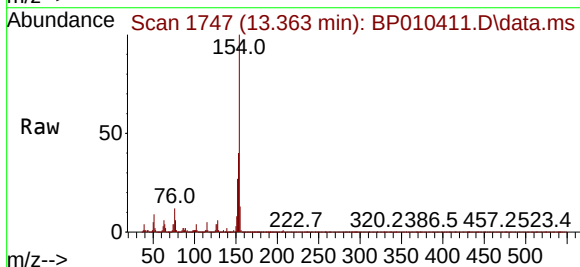
Tgt Ion:154 Resp: 177082

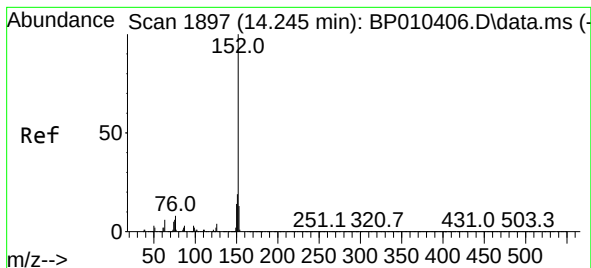
Ion Ratio Lower Upper

154 100

153 40.0 28.6 43.0

76 12.3 8.5 12.7





#50

Acenaphthylene

Concen: 1.712 ng/ul

RT: 14.245 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP010411.D

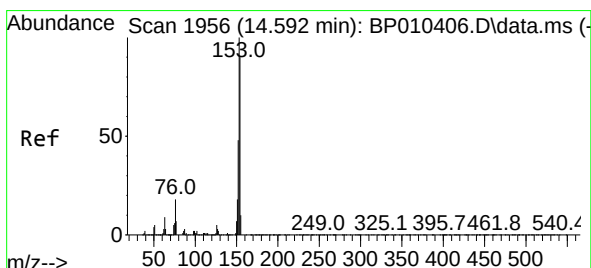
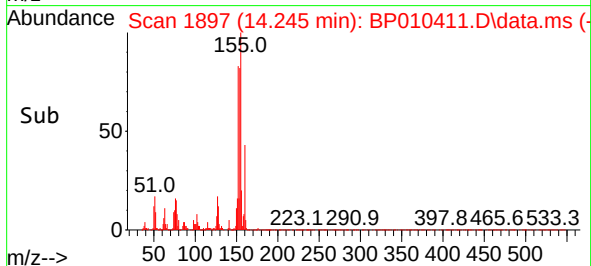
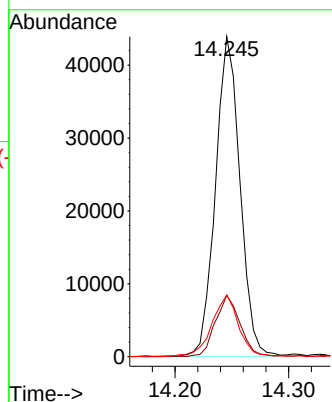
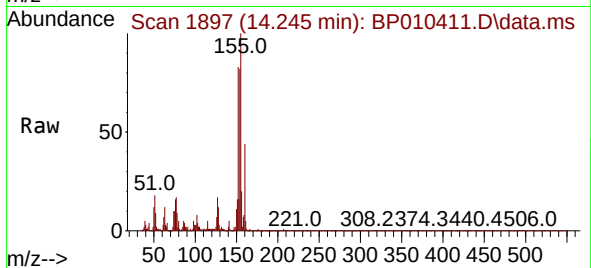
Acq: 19 May 2022 20:04

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:152	Resp: 65771
Ion Ratio	Lower Upper
152	100
151	19.1 18.3 27.5
153	19.3 11.0 16.6#



#52

Acenaphthene

Concen: 12.798 ng/ul

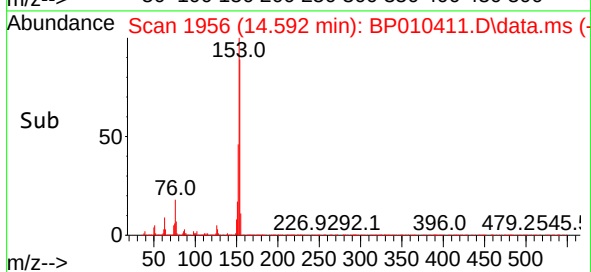
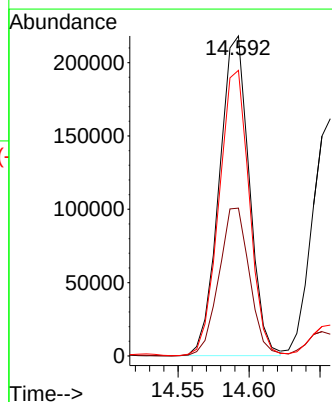
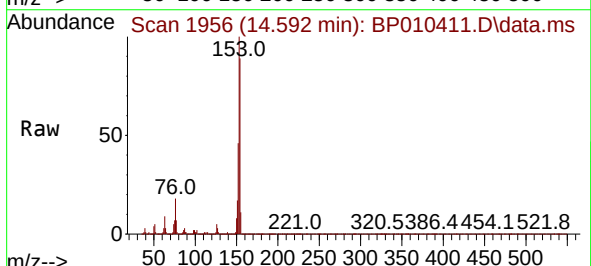
RT: 14.592 min Scan# 1956

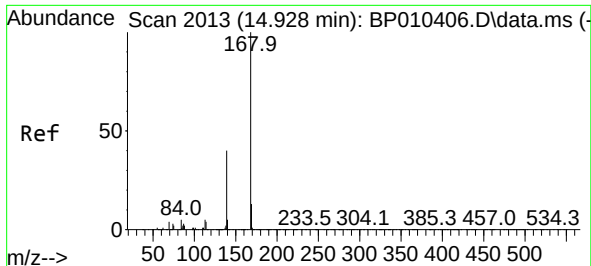
Delta R.T. -0.006 min

Lab File: BP010411.D

Acq: 19 May 2022 20:04

Tgt Ion:153	Resp: 320747
Ion Ratio	Lower Upper
153	100
152	46.2 34.3 51.5
154	89.2 70.0 105.0

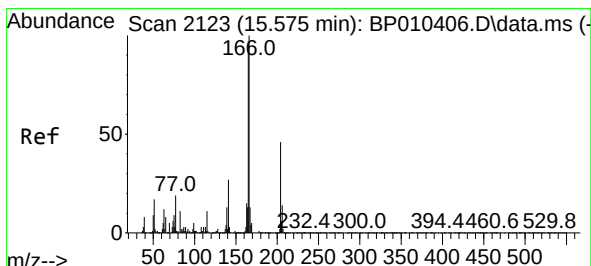
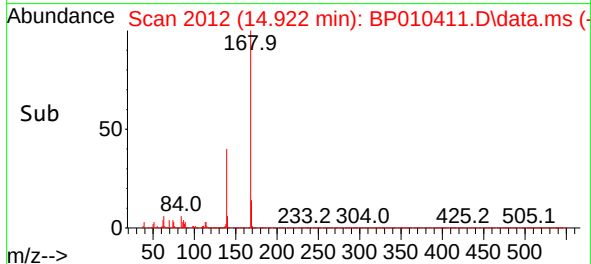
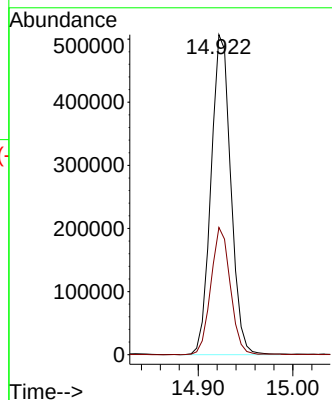
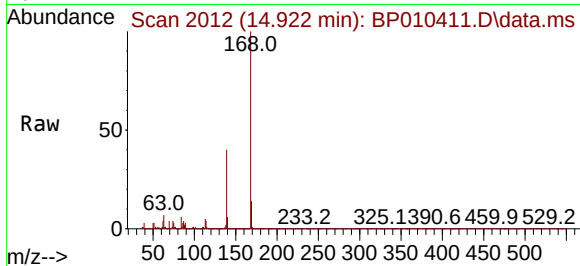




#56
Dibenzofuran
Concen: 19.989 ng/ul
RT: 14.922 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BP010411.D
Acq: 19 May 2022 20:04

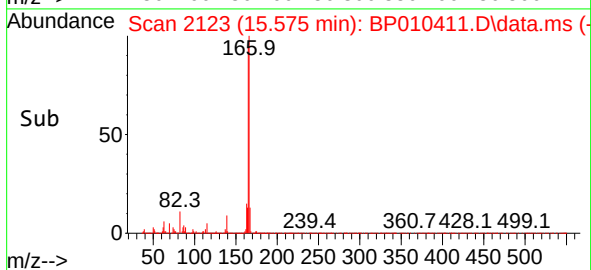
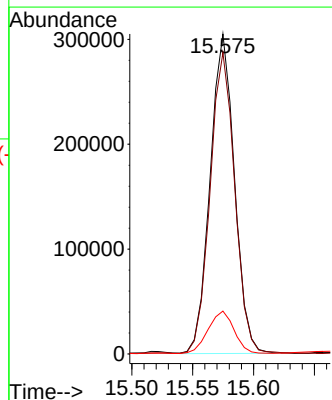
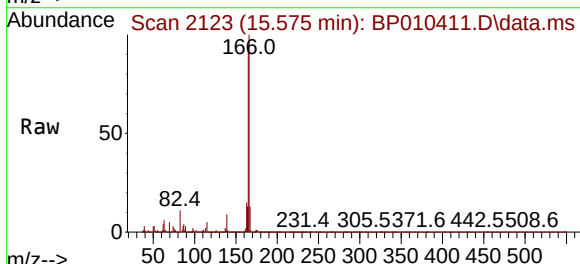
Instrument :
BNA_P
ClientSampleId :

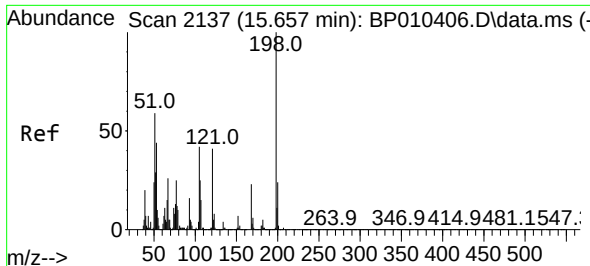
Tgt Ion:168 Resp: 734221
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1



#61
Fluorene
Concen: 14.130 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP010411.D
Acq: 19 May 2022 20:04

Tgt Ion:166 Resp: 424437
Ion Ratio Lower Upper
166 100
165 94.2 70.3 105.5
167 13.4 9.5 14.3

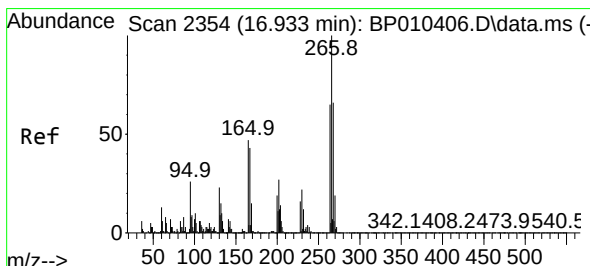
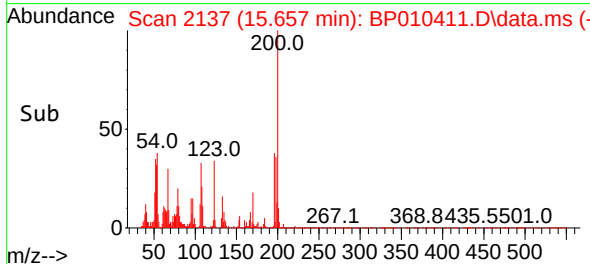
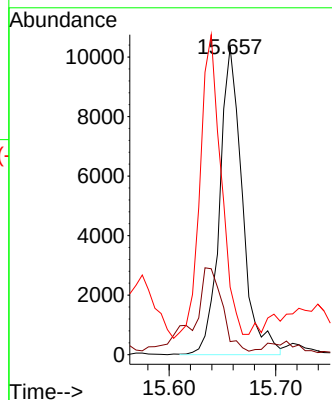
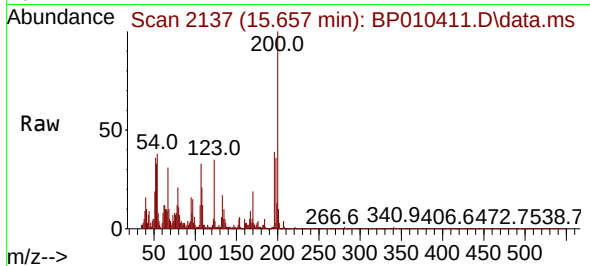




#66
4,6-Dinitro-2-methylphenol
Concen: 2.816 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP010411.D
Acq: 19 May 2022 20:04

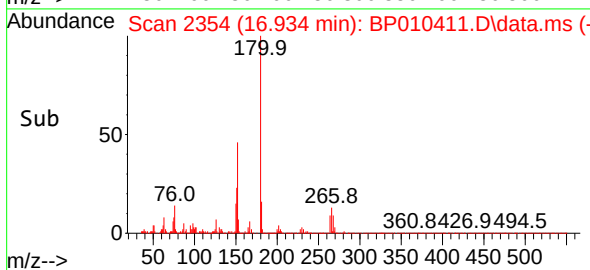
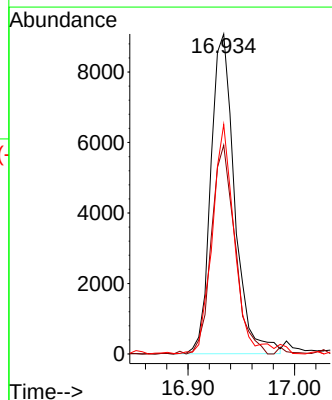
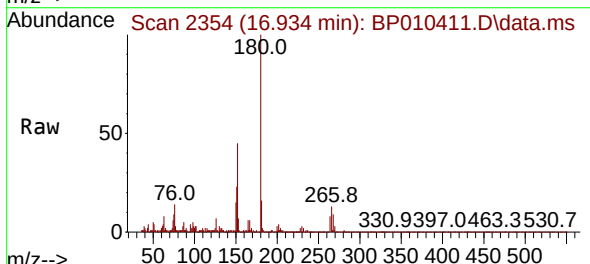
Instrument :
BNA_P
ClientSampleId :

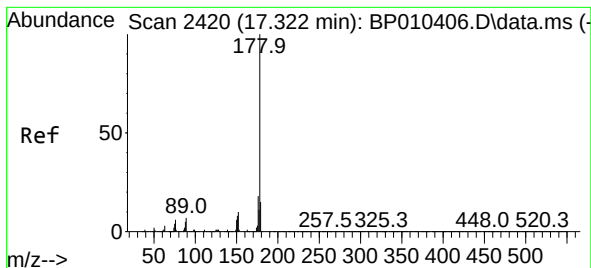
Tgt Ion:198 Resp: 15270
Ion Ratio Lower Upper
198 100
182 4.2 6.0 9.0#
77 22.0 17.7 26.5



#71
Pentachlorophenol
Concen: 2.041 ng/ul
RT: 16.934 min Scan# 2354
Delta R.T. 0.000 min
Lab File: BP010411.D
Acq: 19 May 2022 20:04

Tgt Ion:266 Resp: 14107
Ion Ratio Lower Upper
266 100
264 65.3 57.3 85.9
268 71.7 65.7 98.5





#72

Phenanthrene

Concen: 20.929 ng/ul

RT: 17.322 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BP010411.D

Acq: 19 May 2022 20:04

Instrument :

BNA_P

ClientSampleId :

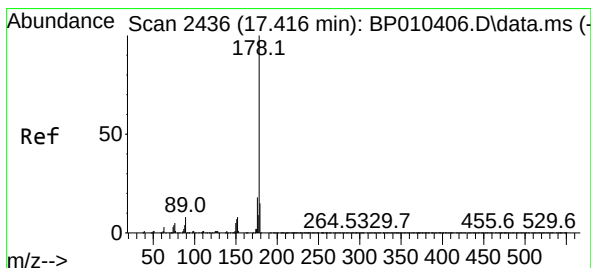
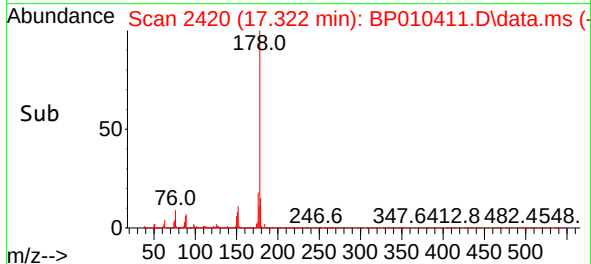
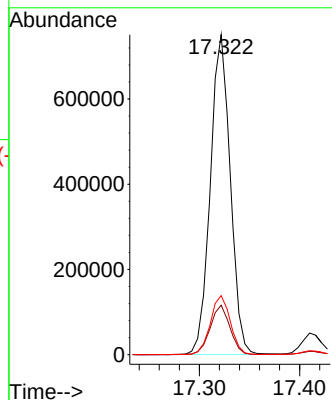
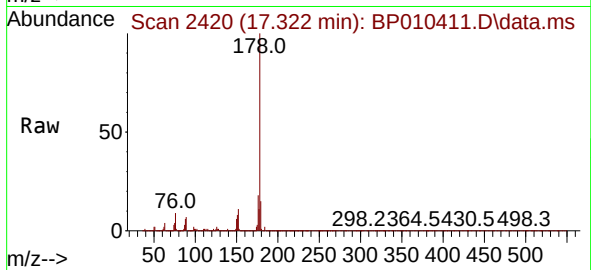
Tgt Ion:178 Resp: 1038461

Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

176 18.5 14.5 21.7



#74

Anthracene

Concen: 1.397 ng/ul

RT: 17.410 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP010411.D

Acq: 19 May 2022 20:04

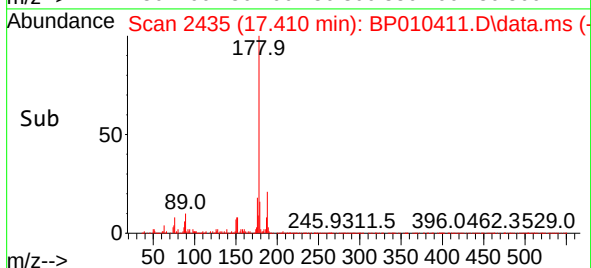
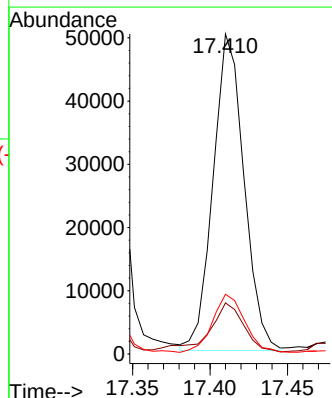
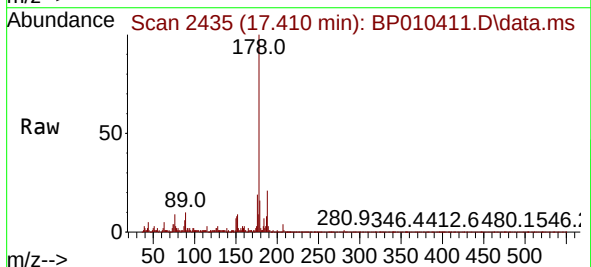
Tgt Ion:178 Resp: 69554

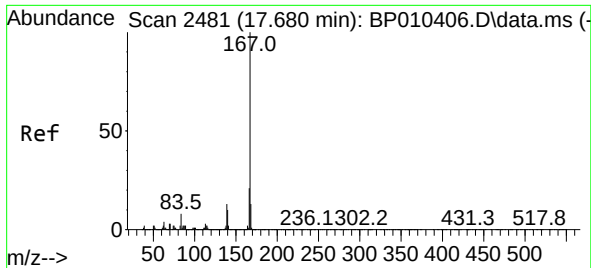
Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

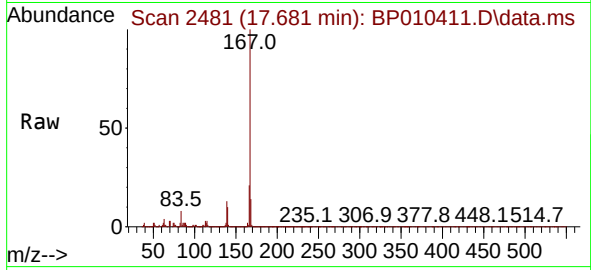
176 18.7 13.4 20.2





#77
 Carbazole
 Concen: 26.070 ng/ul
 RT: 17.681 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BP010411.D
 Acq: 19 May 2022 20:04

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:167 Resp: 1140475
 Ion Ratio Lower Upper
 167 100
 166 21.1 15.8 23.8
 139 13.2 8.3 12.5#

