

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010521.D
 Acq On : 24 May 2022 17:59
 Operator : CG/JU
 Sample : N2950-05
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTF1

Quant Time: May 24 23:17:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

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

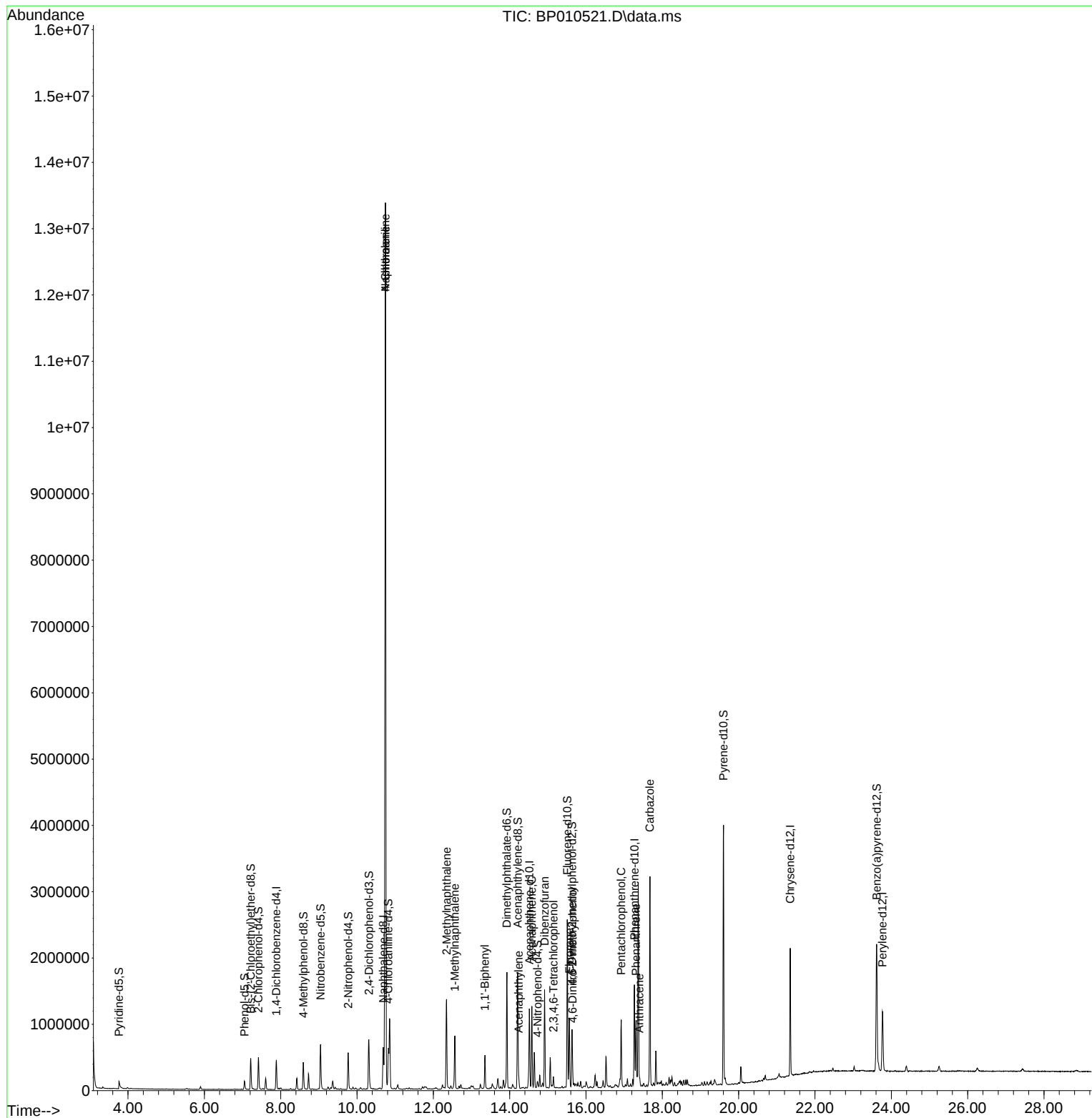
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	115687	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	541479	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	382422	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	871315	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	900766	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	714235	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	68	0.025	ng/uL	0.16
4) Pyridine-d5	3.763	84	71527	9.282	ng/ul	0.00
7) Phenol-d5	7.051	99	66773	6.877	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	225537	34.572	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	201787	27.159	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	145407	17.621	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	148844	35.518	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	156407	35.218	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	263860	31.421	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	284035	22.748	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	1074308	38.129	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1174956	36.153	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	25623	5.109	ng/ul	0.00
60) Fluorene-d10	15.510	176	951255	38.807	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	169450	33.253	ng/ul	0.00
73) Anthracene-d10	17.522	188	2269	0.058	ng/ul	0.15
81) Pyrene-d10	19.604	212	2040316	42.652	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	1485921	41.432	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.745	128	10585892	374.294	ng/ul	97
32) 4-Chloroaniline	10.745	127	1414881	114.181	ng/ul#	4
36) 2-Methylnaphthalene	12.345	142	611732	30.553	ng/ul	88
37) 1-Methylnaphthalene	12.563	142	336156	16.628	ng/ul#	95
43) 1,1'-Biphenyl	13.351	154	246118	8.768	ng/ul#	90
50) Acenaphthylene	14.239	152	61776	1.757	ng/ul	94
52) Acenaphthene	14.581	153	465033	20.276	ng/ul	95
56) Dibenzofuran	14.916	168	872447	25.956	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.145	232	30233	4.329	ng/ul#	85
61) Fluorene	15.563	166	426849	15.529	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	15.651	198	33019	6.497	ng/ul#	75
71) Pentachlorophenol	16.922	266	104264	16.099	ng/ul#	85
72) Phenanthrene	17.310	178	583342	12.545	ng/ul	98
74) Anthracene	17.398	178	55689	1.194	ng/ul	96
77) Carbazole	17.674	167	1827109	44.567	ng/ul#	96

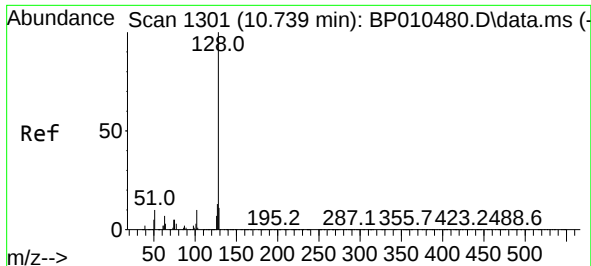
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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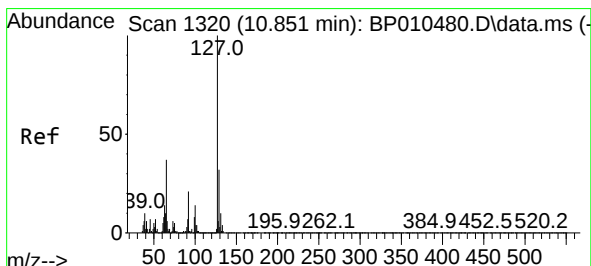
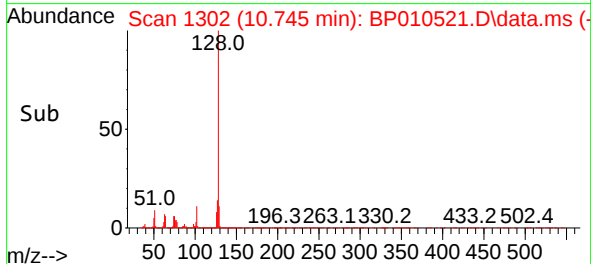
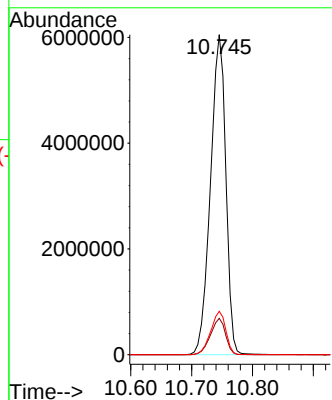
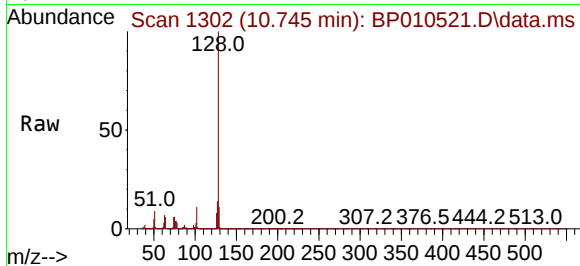




#30
Naphthalene
Concen: 374.294 ng/ul
RT: 10.745 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

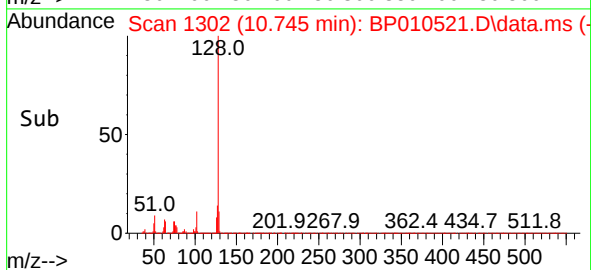
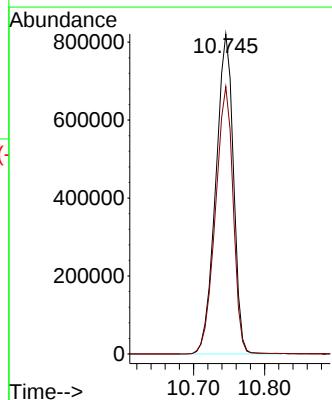
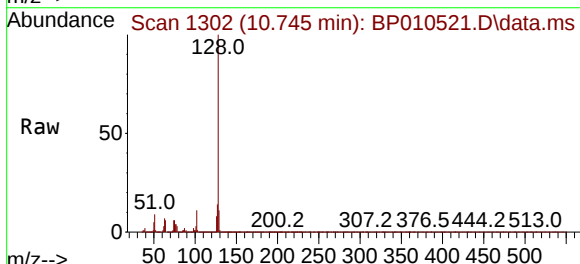
Instrument :
BNA_P
ClientSampleId :
DBTF1

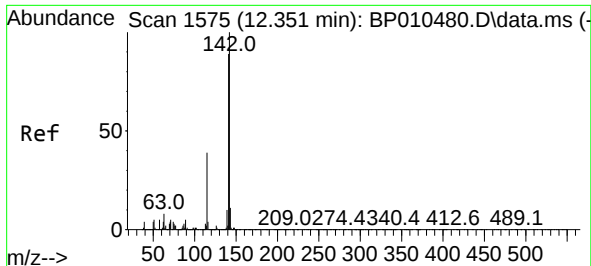
Tgt Ion:128 Resp:10585892
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 12.2 18.4



#32
4-Chloroaniline
Concen: 114.181 ng/ul
RT: 10.745 min Scan# 1302
Delta R.T. -0.100 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

Tgt Ion:127 Resp: 1414881
Ion Ratio Lower Upper
127 100
129 83.5 24.6 37.0#

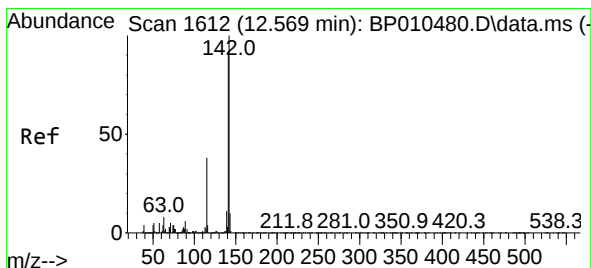
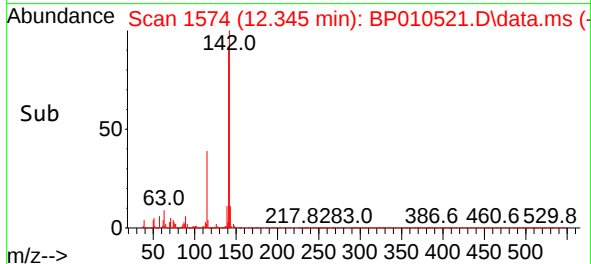
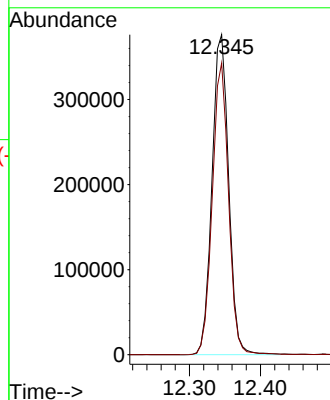
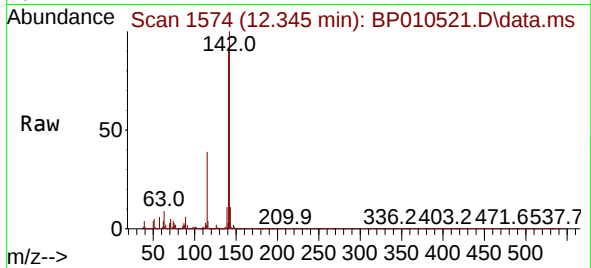




#36
2-Methylnaphthalene
Concen: 30.553 ng/ul
RT: 12.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

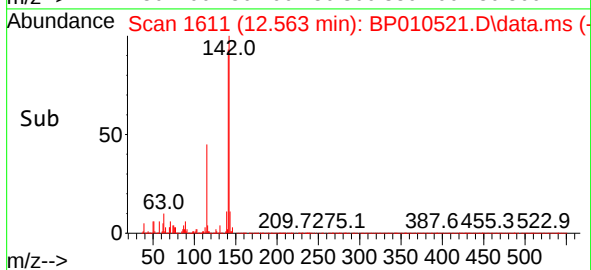
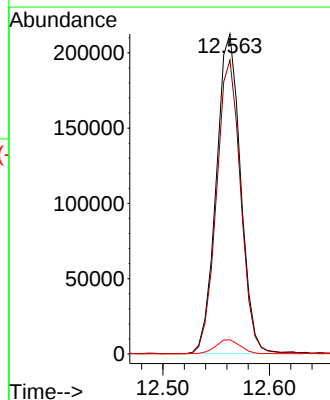
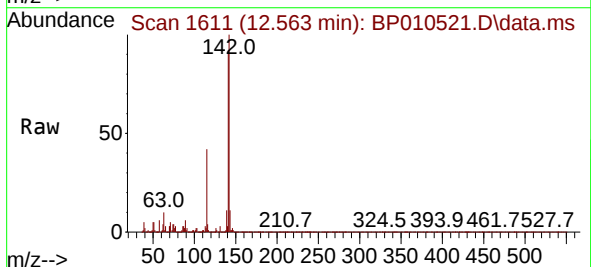
Instrument :
BNA_P
ClientSampleId :
DBTF1

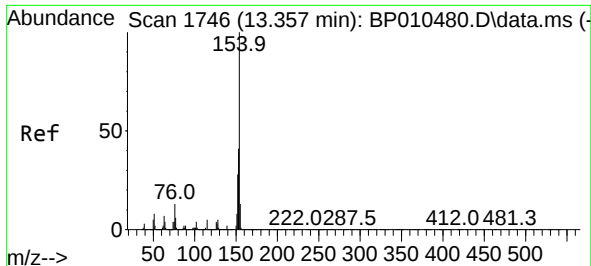
Tgt Ion:142 Resp: 611732
Ion Ratio Lower Upper
142 100
141 91.1 64.3 96.5



#37
1-Methylnaphthalene
Concen: 16.628 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

Tgt Ion:142 Resp: 336156
Ion Ratio Lower Upper
142 100
141 91.9 69.8 104.8
116 4.4 5.6 8.4#

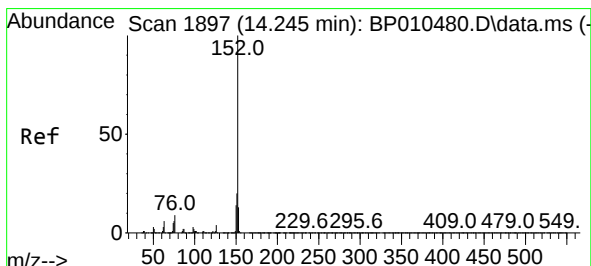
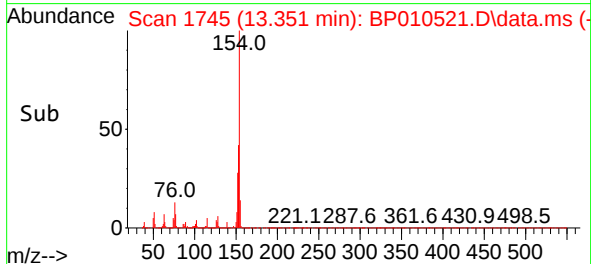
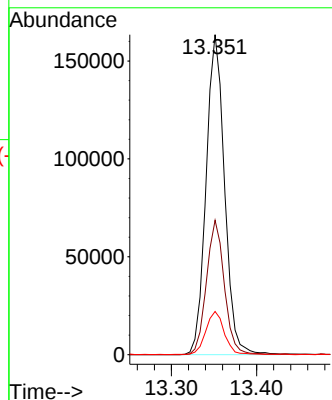
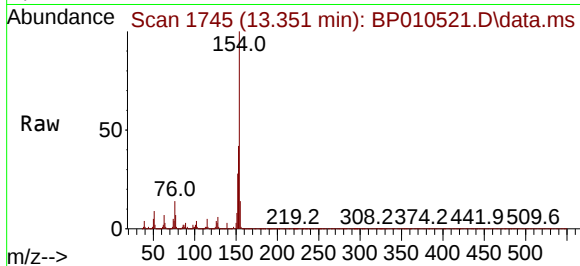




#43
1,1'-Biphenyl
Concen: 8.768 ng/ul
RT: 13.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

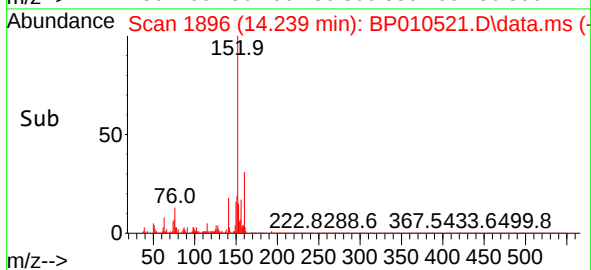
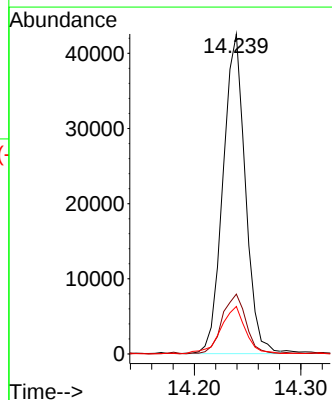
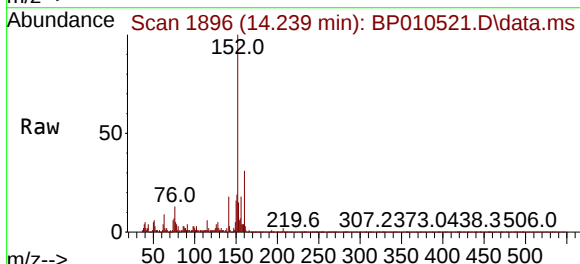
Instrument :
BNA_P
ClientSampleId :
DBTF1

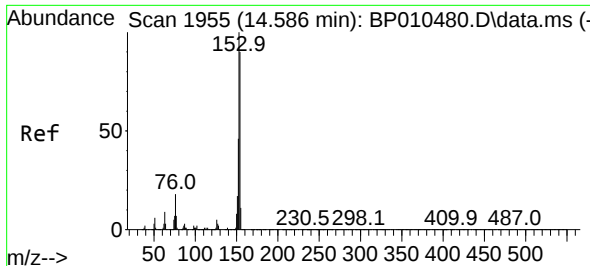
Tgt Ion:154 Resp: 246118
Ion Ratio Lower Upper
154 100
153 42.0 28.6 43.0
76 13.5 8.5 12.7#



#50
Acenaphthylene
Concen: 1.757 ng/ul
RT: 14.239 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

Tgt Ion:152 Resp: 61776
Ion Ratio Lower Upper
152 100
151 18.7 18.3 27.5
153 14.9 11.0 16.6

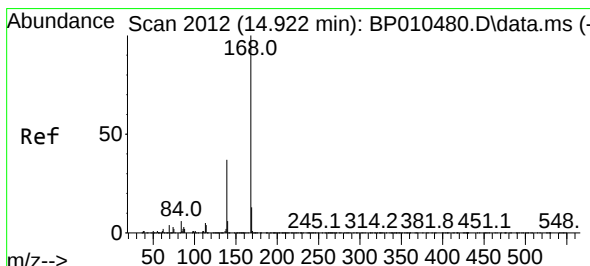
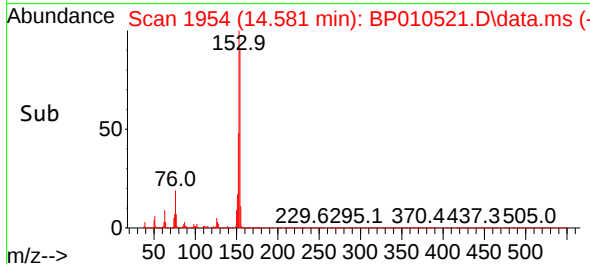
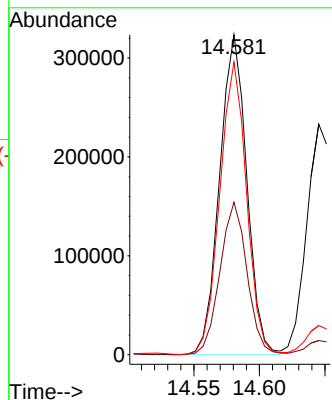
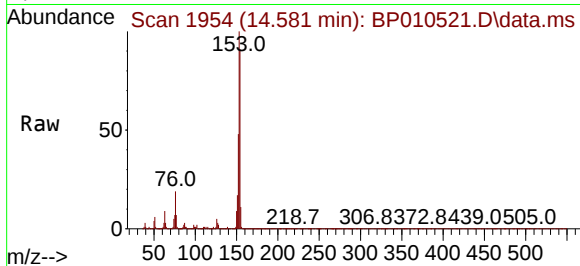




#52
Acenaphthene
Concen: 20.276 ng/ul
RT: 14.581 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

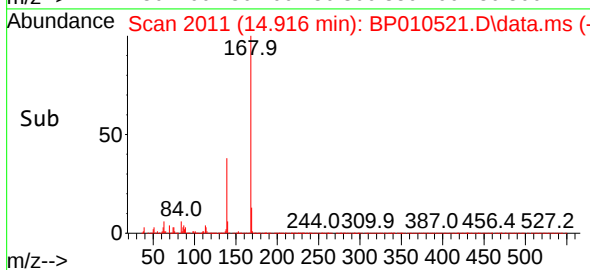
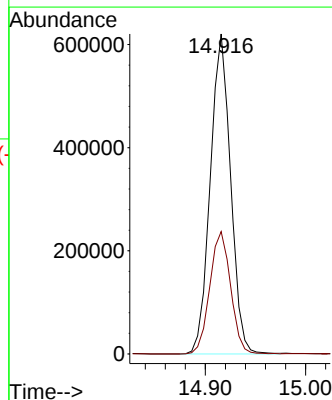
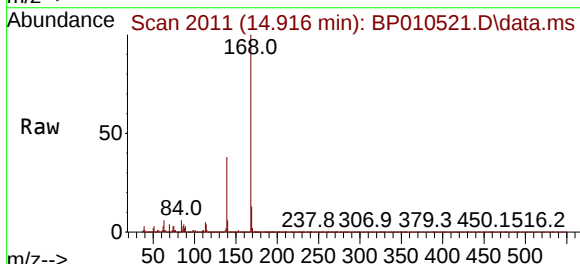
Instrument :
BNA_P
ClientSampleId :
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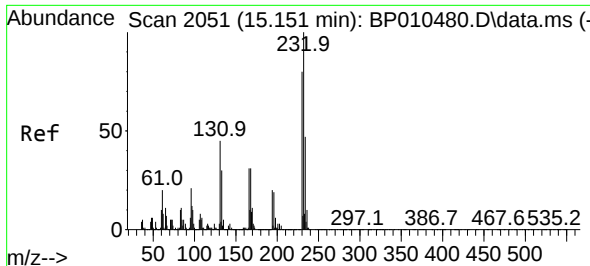
Tgt Ion:153 Resp: 465033
Ion Ratio Lower Upper
153 100
152 47.7 34.3 51.5
154 91.4 70.0 105.0



#56
Dibenzofuran
Concen: 25.956 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

Tgt Ion:168 Resp: 872447
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1

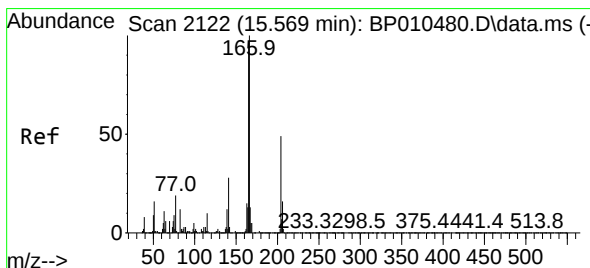
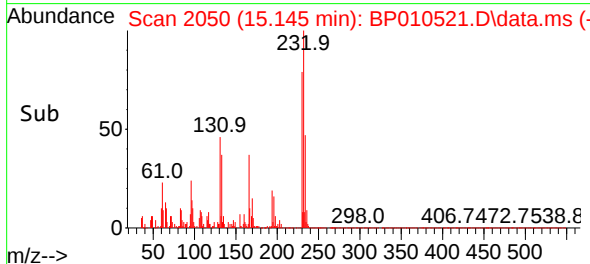
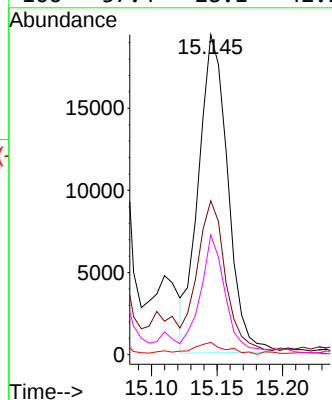
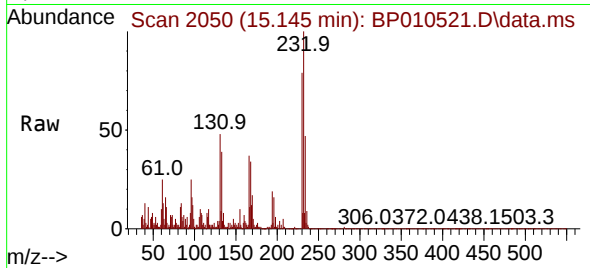




#58
2,3,4,6-Tetrachlorophenol
Concen: 4.329 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

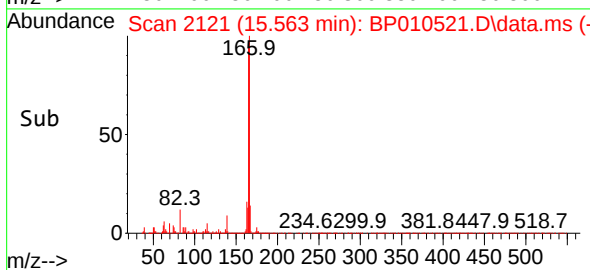
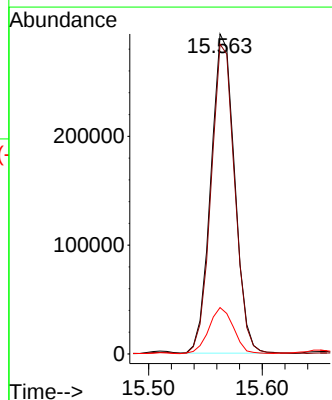
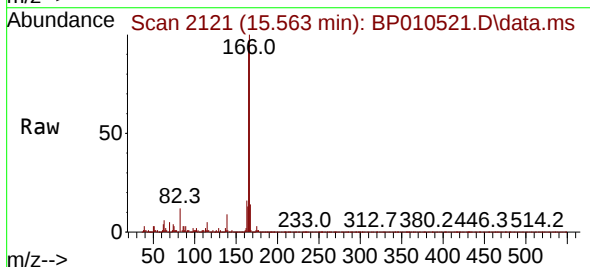
Instrument :
BNA_P
ClientSampleId :
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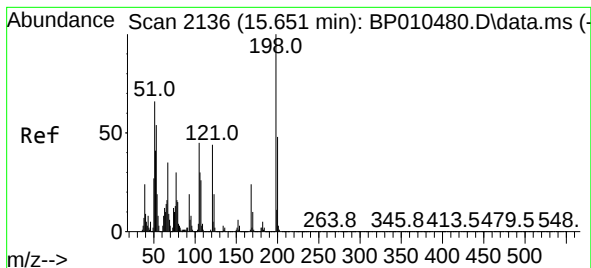
Tgt Ion:232	Resp:	30233
Ion Ratio	Lower	Upper
232	100	
131	48.1	25.4 38.2#
130	3.9	4.2 6.2#
166	37.4	28.1 42.1



#61
Fluorene
Concen: 15.529 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

Tgt Ion:166	Resp:	426849
Ion Ratio	Lower	Upper
166	100	
165	96.8	70.3 105.5
167	14.5	9.5 14.3#

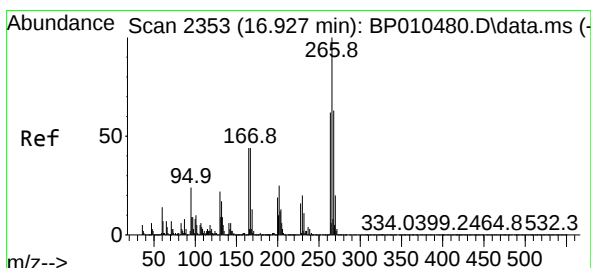
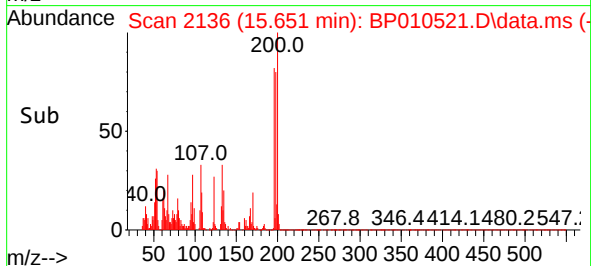
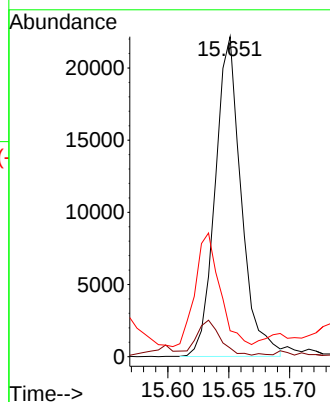
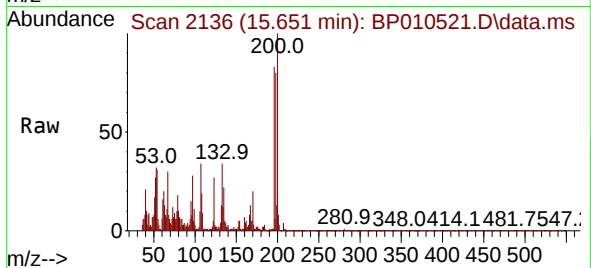




#66
4,6-Dinitro-2-methylphenol
Concen: 6.497 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP010521.D
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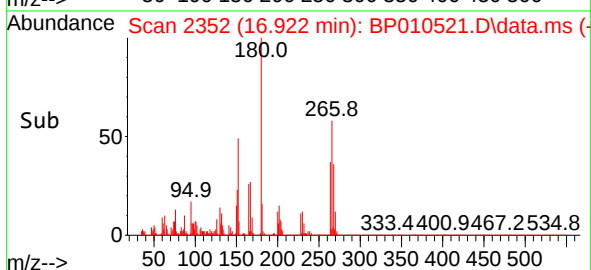
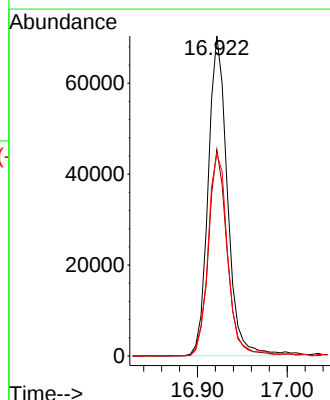
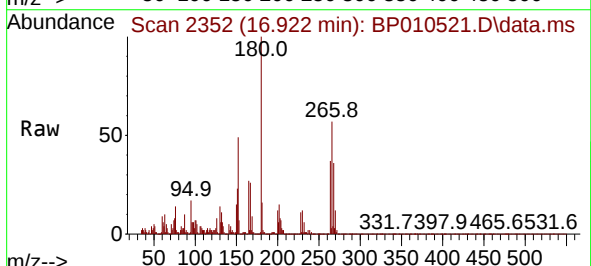
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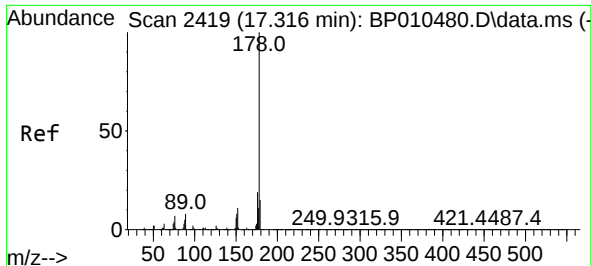
Tgt Ion:198 Resp: 33019
Ion Ratio Lower Upper
198 100
182 2.7 6.0 9.0#
77 8.1 17.7 26.5#



#71
Pentachlorophenol
Concen: 16.099 ng/ul
RT: 16.922 min Scan# 2352
Delta R.T. -0.000 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

Tgt Ion:266 Resp: 104264
Ion Ratio Lower Upper
266 100
264 64.5 57.3 85.9
268 63.2 65.7 98.5#

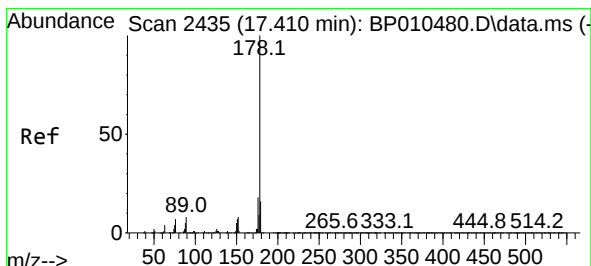
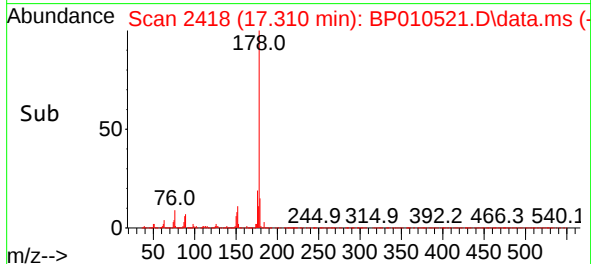
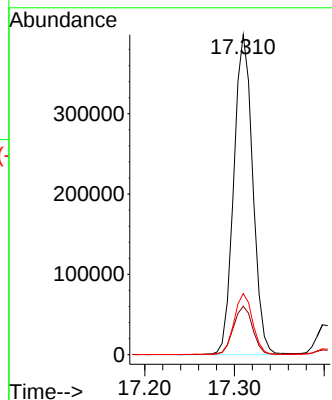
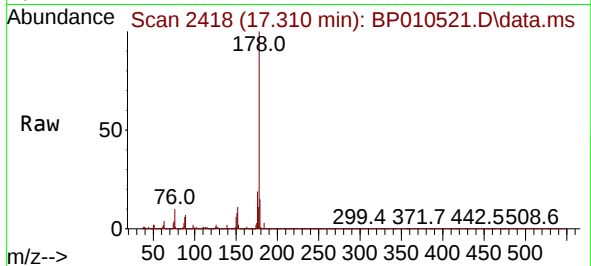




#72
Phenanthrene
Concen: 12.545 ng/ul
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

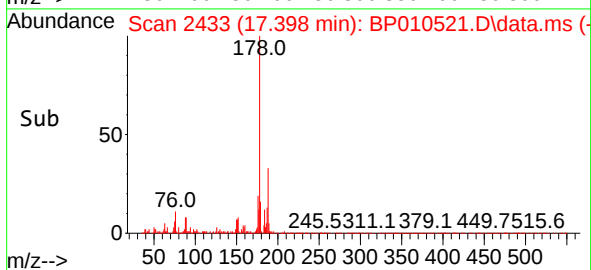
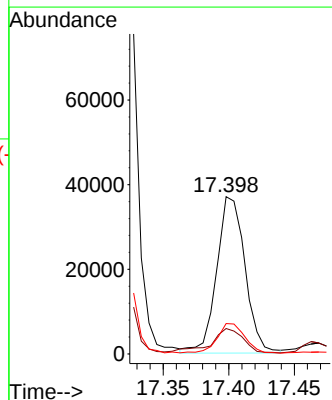
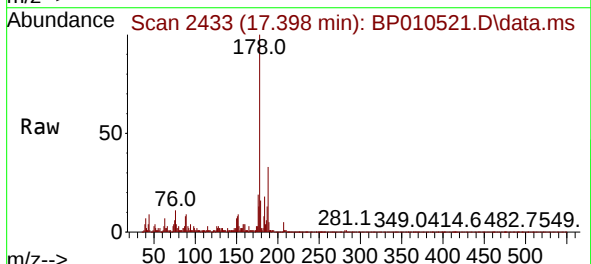
Instrument :
BNA_P
ClientSampleId :
DBTF1

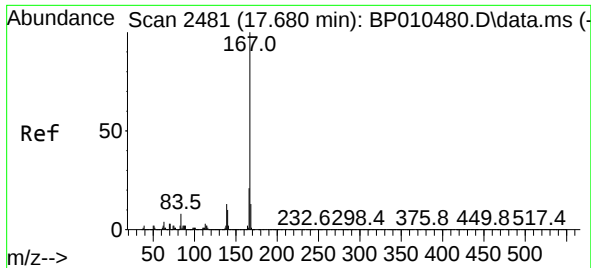
Tgt Ion:178 Resp: 583342
Ion Ratio Lower Upper
178 100
179 15.1 11.7 17.5
176 19.1 14.5 21.7



#74
Anthracene
Concen: 1.194 ng/ul
RT: 17.398 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP010521.D
Acq: 24 May 2022 17:59

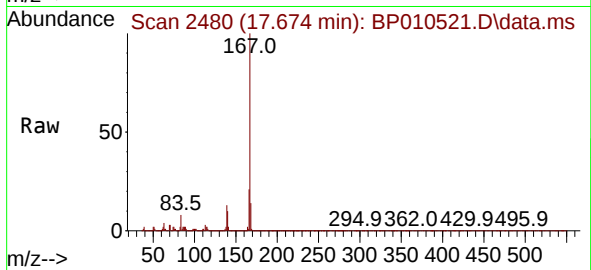
Tgt Ion:178 Resp: 55689
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 19.3 13.4 20.2





#77
 Carbazole
 Concen: 44.567 ng/ul
 RT: 17.674 min Scan# 2481
 Delta R.T. -0.000 min
 Lab File: BP010521.D
 Acq: 24 May 2022 17:59

Instrument :
 BNA_P
 ClientSampleId :
 DBTF1



Tgt Ion:167 Resp: 1827109
 Ion Ratio Lower Upper
 167 100
 166 20.9 15.8 23.8
 139 13.0 8.3 12.5#

