

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010527.D
 Acq On : 24 May 2022 21:22
 Operator : CG/JU
 Sample : N2950-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTF2

Quant Time: May 24 23:18:39 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)

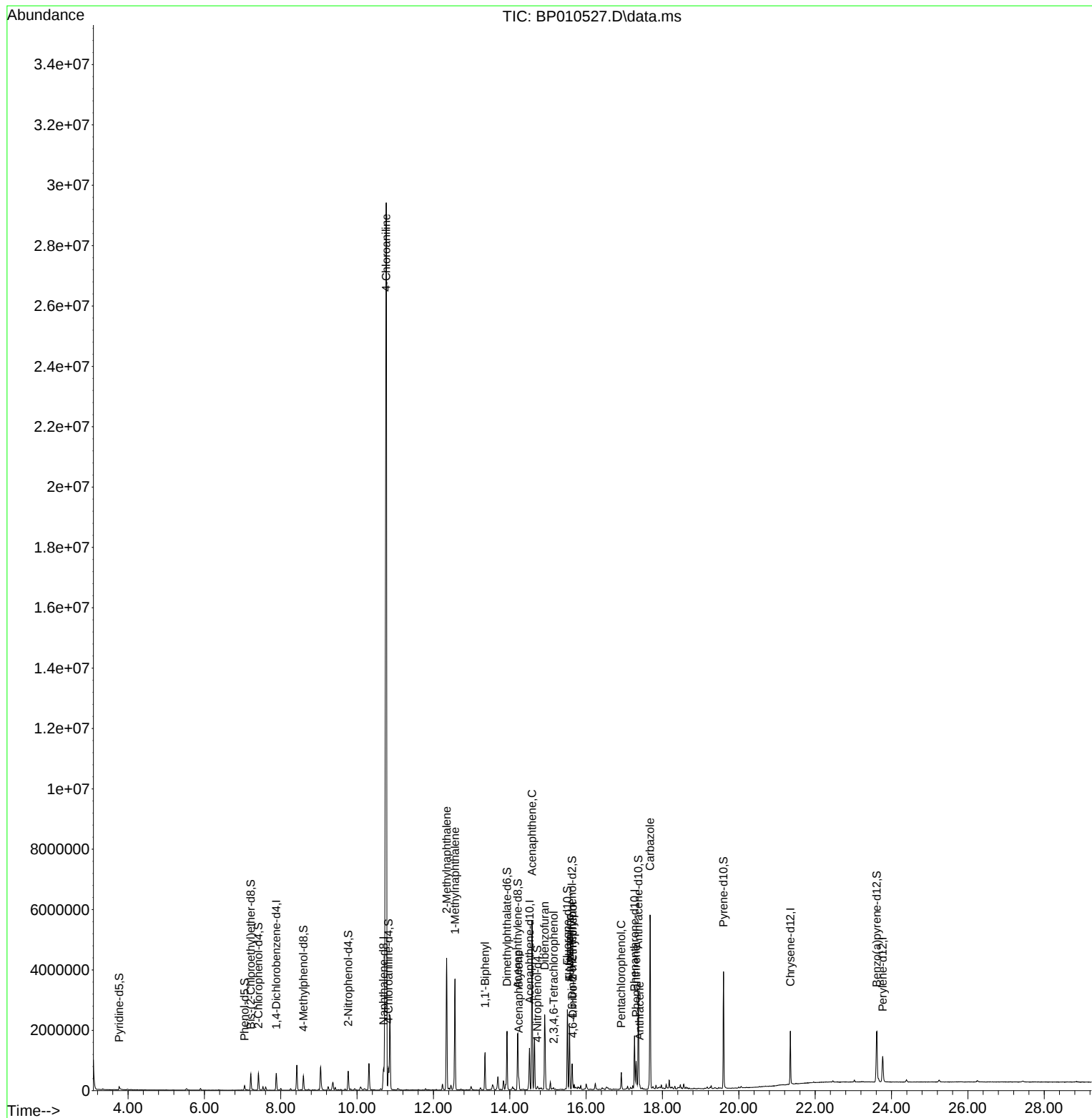
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	147094	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	661498	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	453177	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1007264	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	861334	20.000	ng/ul	0.00
88) Perylene-d12	23.769	264	651062	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	23	0.007	ng/uL	-0.11
4) Pyridine-d5	3.770	84	69108	7.053	ng/ul	0.01
7) Phenol-d5	7.052	99	81483	6.600	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	261480	31.523	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	235415	24.919	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	169181	16.125	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	468	0.091	ng/ul	0.07
24) 2-Nitrophenol-d4	9.769	143	174570	32.176	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	567	0.055	ng/ul	0.11
31) 4-Chloroaniline-d4	10.822	131	353445	23.171	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	1163071	34.834	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1271273	33.009	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	29267	4.925	ng/ul	0.00
60) Fluorene-d10	15.510	176	998405	34.371	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	161371	27.393	ng/ul	0.00
73) Anthracene-d10	17.369	188	1692606	37.110	ng/ul	0.00
81) Pyrene-d10	19.598	212	2022971	44.225	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	1285473	39.320	ng/ul	0.00
Target Compounds						
					Qvalue	
32) 4-Chloroaniline	10.763	127	4192714	276.964	ng/ul#	4
36) 2-Methylnaphthalene	12.346	142	1905910	77.919	ng/ul	92
37) 1-Methylnaphthalene	12.563	142	1557708	63.073	ng/ul#	97
43) 1,1'-Biphenyl	13.351	154	605818	18.213	ng/ul#	92
50) Acenaphthylene	14.234	152	188083	4.514	ng/ul	96
52) Acenaphthene	14.581	153	2219607	81.666	ng/ul	96
56) Dibenzofuran	14.916	168	1310050	32.890	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	11403	1.378	ng/ul#	79
61) Fluorene	15.563	166	899717	27.621	ng/ul	91
63) 4-Nitroaniline	15.563	138	10896	1.742	ng/ul#	6
66) 4,6-Dinitro-2-methylph...	15.651	198	17549	2.987	ng/ul#	86
71) Pentachlorophenol	16.922	266	56921	7.603	ng/ul	88
72) Phenanthrene	17.310	178	507299	9.437	ng/ul	99
74) Anthracene	17.398	178	63306	1.174	ng/ul	96
77) Carbazole	17.675	167	3605382	76.074	ng/ul#	95

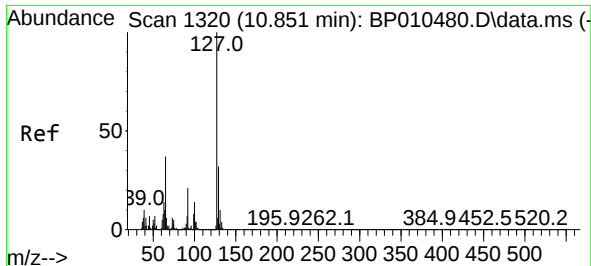
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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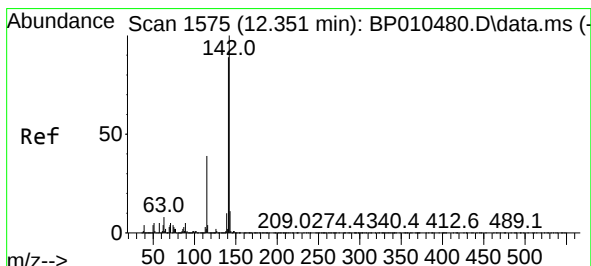
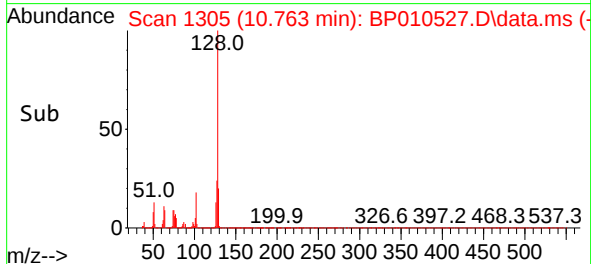
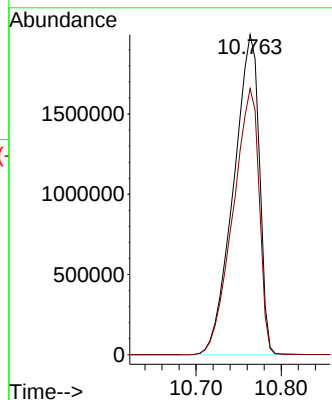
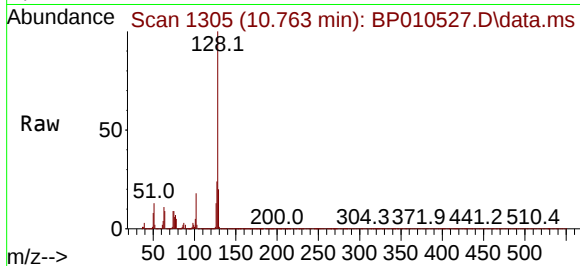




#32
4-Chloroaniline
Concen: 276.964 ng/ul
RT: 10.763 min Scan# 11
Delta R.T. -0.082 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

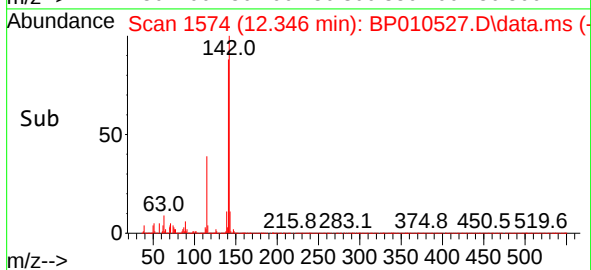
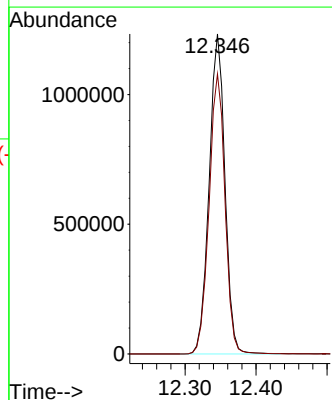
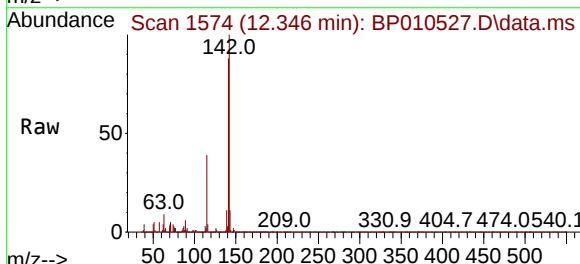
Instrument :
BNA_P
ClientSampleId :
DBTF2

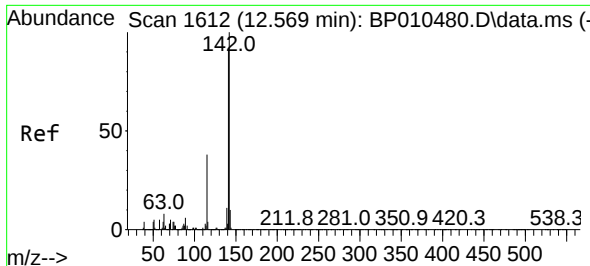
Tgt Ion:127 Resp: 4192714
Ion Ratio Lower Upper
127 100
129 83.2 24.6 37.0#



#36
2-Methylnaphthalene
Concen: 77.919 ng/ul
RT: 12.346 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

Tgt Ion:142 Resp: 1905910
Ion Ratio Lower Upper
142 100
141 87.5 64.3 96.5

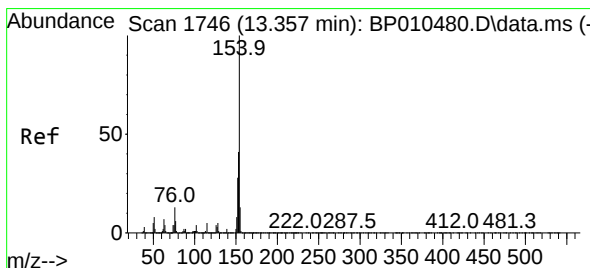
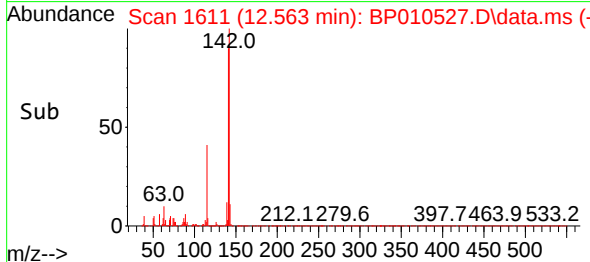
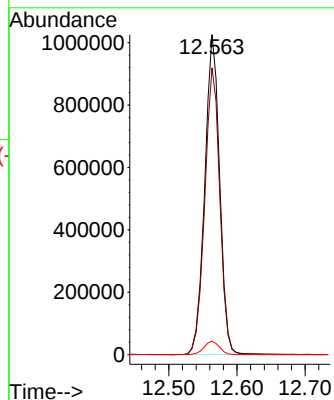
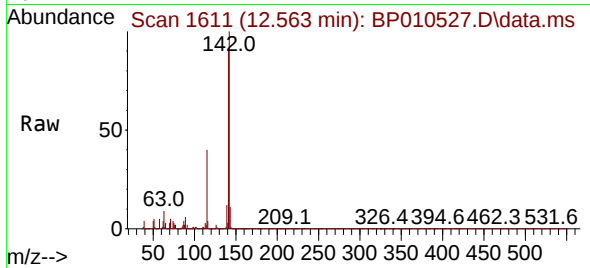




#37
1-Methylnaphthalene
Concen: 63.073 ng/ul
RT: 12.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

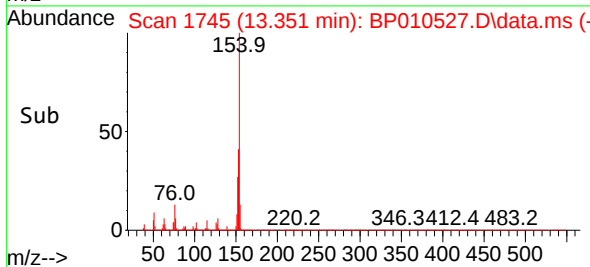
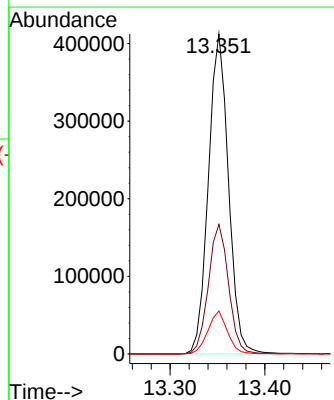
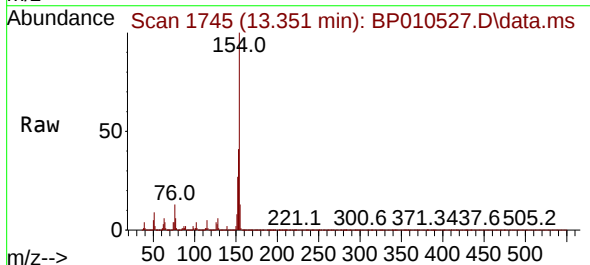
Instrument :
BNA_P
ClientSampleId :
DBTF2

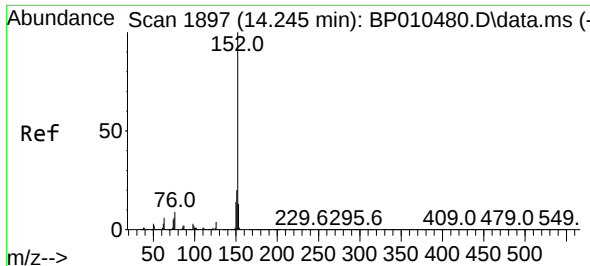
Tgt Ion:142 Resp: 1557708
Ion Ratio Lower Upper
142 100
141 89.7 69.8 104.8
116 4.2 5.6 8.4#



#43
1,1'-Biphenyl
Concen: 18.213 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

Tgt Ion:154 Resp: 605818
Ion Ratio Lower Upper
154 100
153 40.5 28.6 43.0
76 13.5 8.5 12.7#

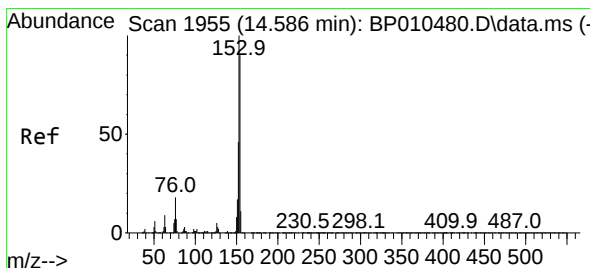
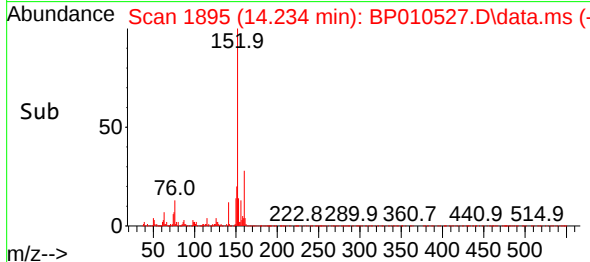
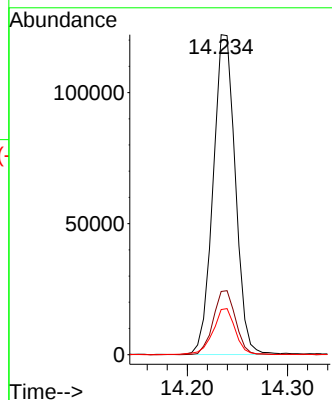
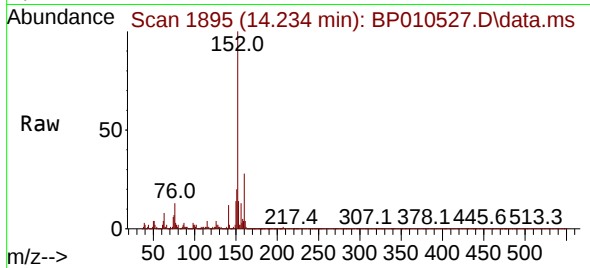




#50
Acenaphthylene
Concen: 4.514 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

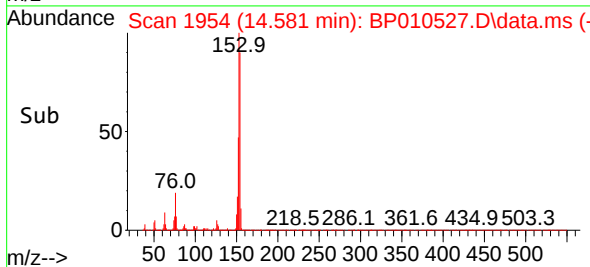
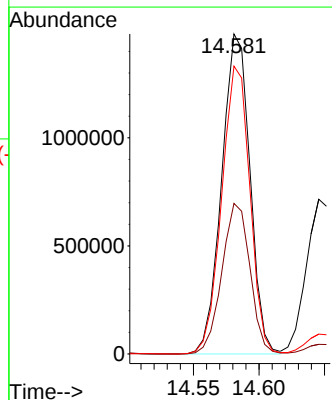
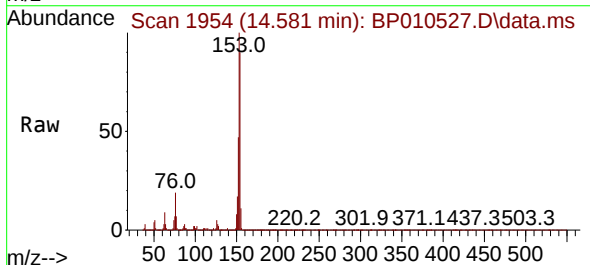
Instrument :
BNA_P
ClientSampleId :
DBTF2

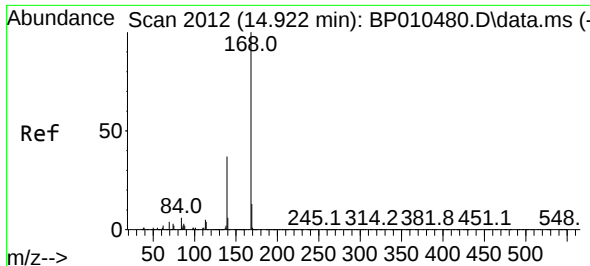
Tgt Ion:152 Resp: 188083
Ion Ratio Lower Upper
152 100
151 19.7 18.3 27.5
153 14.1 11.0 16.6



#52
Acenaphthene
Concen: 81.666 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

Tgt Ion:153 Resp: 2219607
Ion Ratio Lower Upper
153 100
152 47.1 34.3 51.5
154 89.9 70.0 105.0

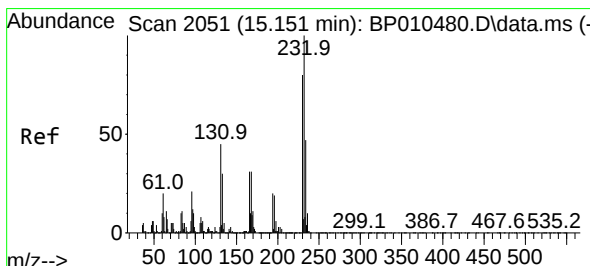
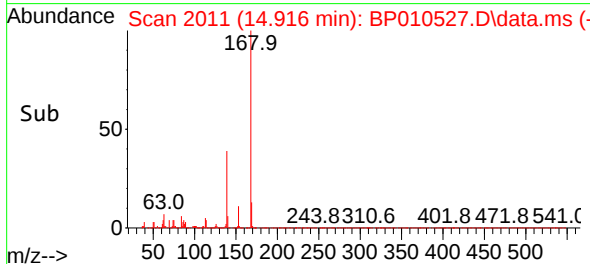
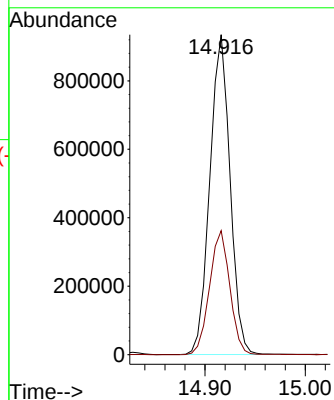
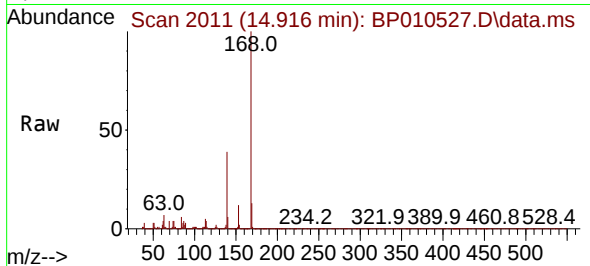




#56
Dibenzenofuran
Concen: 32.890 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

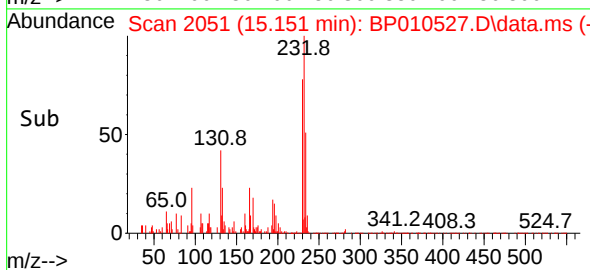
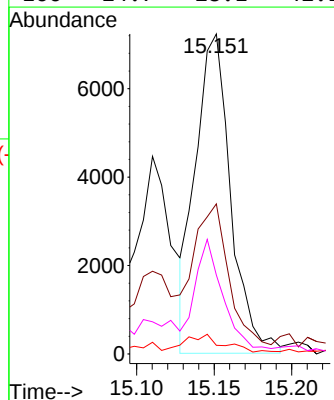
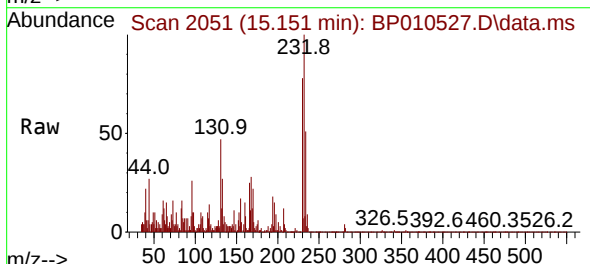
Instrument :
BNA_P
ClientSampleId :
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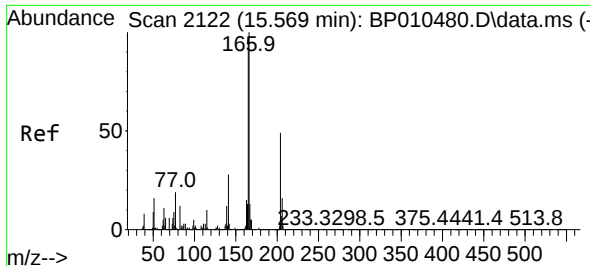
Tgt Ion:168 Resp: 1310050
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.378 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

Tgt Ion:232 Resp: 11403
Ion Ratio Lower Upper
232 100
131 46.9 25.4 38.2#
130 2.7 4.2 6.2#
166 24.7 28.1 42.1#

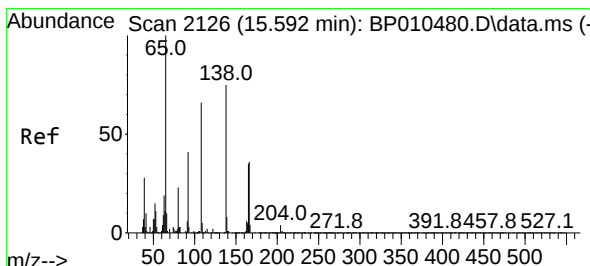
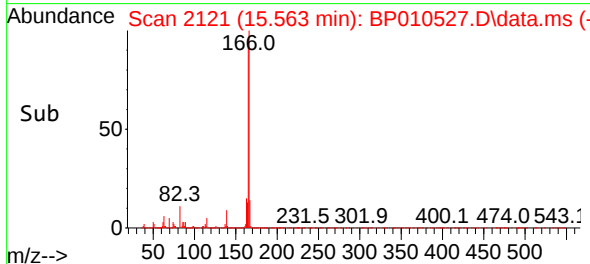
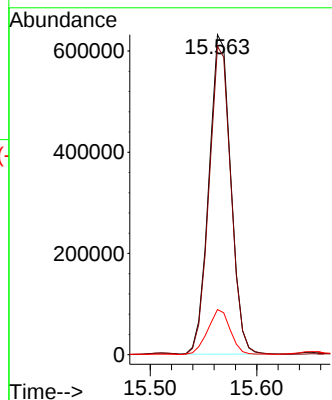
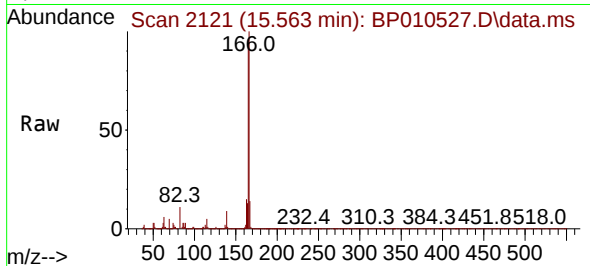




#61
Fluorene
Concen: 27.621 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

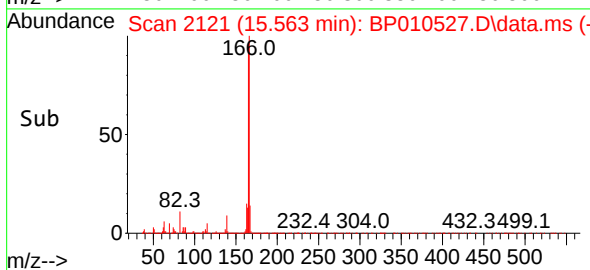
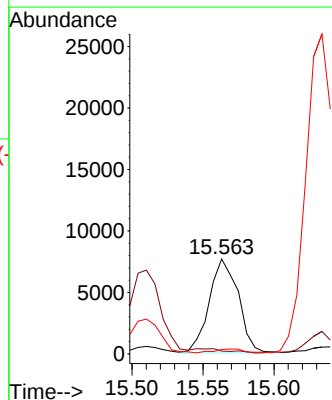
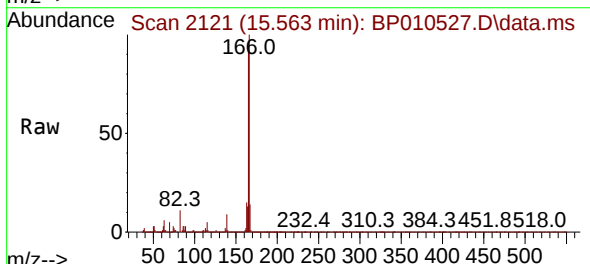
Instrument :
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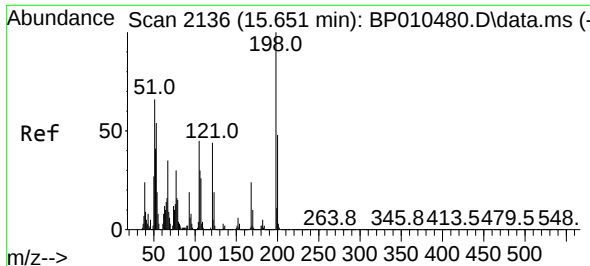
Tgt Ion:166 Resp: 899717
Ion Ratio Lower Upper
166 100
165 96.4 70.3 105.5
167 14.1 9.5 14.3



#63
4-Nitroaniline
Concen: 1.742 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.023 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

Tgt Ion:138 Resp: 10896
Ion Ratio Lower Upper
138 100
92 3.0 41.6 62.4#
108 4.7 97.6 146.4#

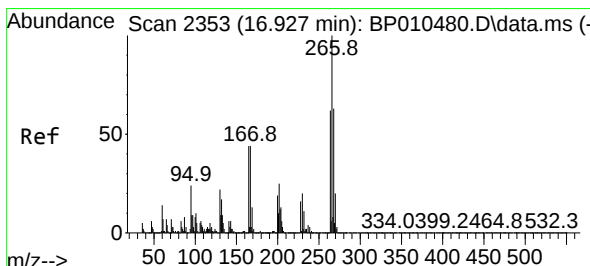
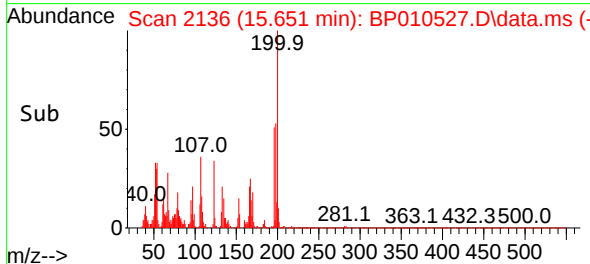
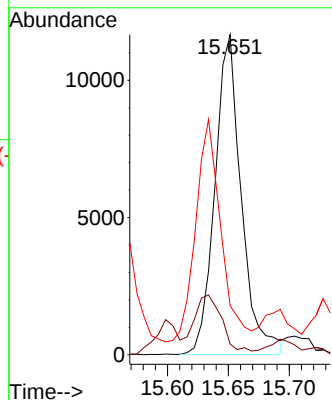
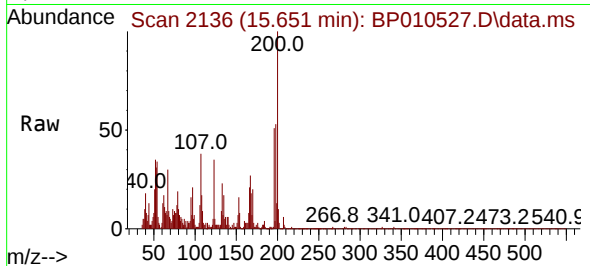




#66
4,6-Dinitro-2-methylphenol
Concen: 2.987 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

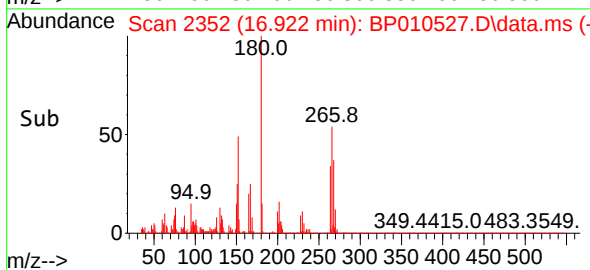
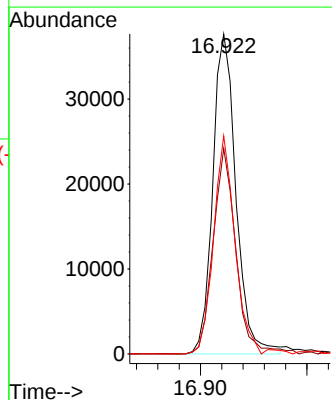
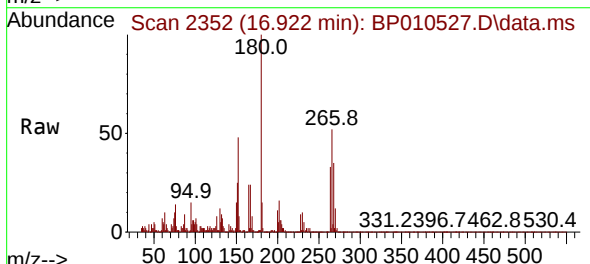
Instrument :
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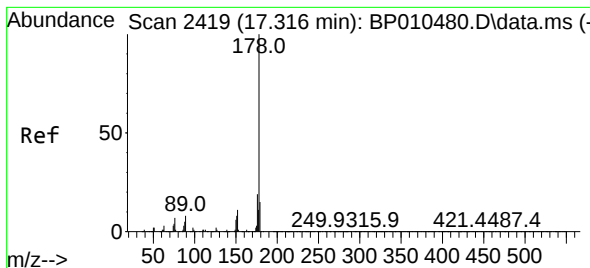
Tgt Ion:198 Resp: 17549
Ion Ratio Lower Upper
198 100
182 3.3 6.0 9.0#
77 15.3 17.7 26.5#



#71
Pentachlorophenol
Concen: 7.603 ng/ul
RT: 16.922 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BP010527.D
Acq: 24 May 2022 21:22

Tgt Ion:266 Resp: 56921
Ion Ratio Lower Upper
266 100
264 64.2 57.3 85.9
268 68.1 65.7 98.5





#72

Phenanthrene

Concen: 9.437 ng/ul

RT: 17.310 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP010527.D

Acq: 24 May 2022 21:22

Instrument :

BNA_P

ClientSampleId :

DBTF2

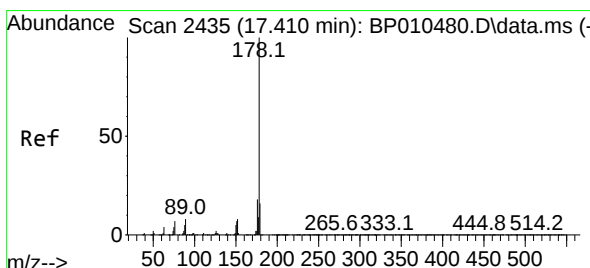
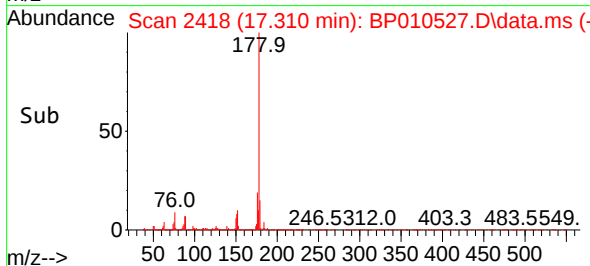
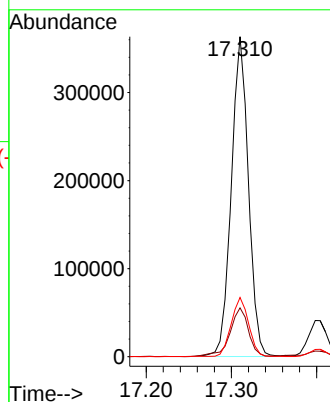
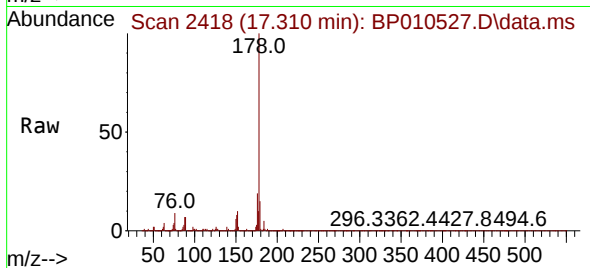
Tgt Ion:178 Resp: 507299

Ion Ratio Lower Upper

178 100

179 15.3 11.7 17.5

176 18.5 14.5 21.7



#74

Anthracene

Concen: 1.174 ng/ul

RT: 17.398 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP010527.D

Acq: 24 May 2022 21:22

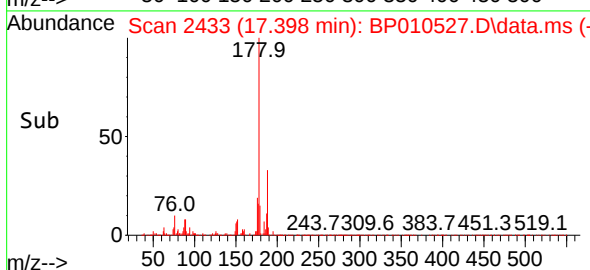
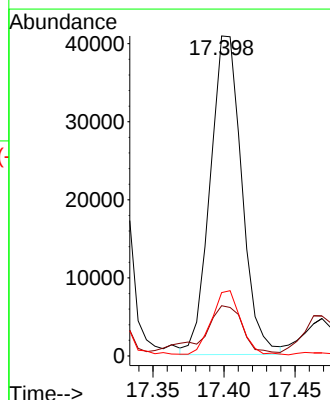
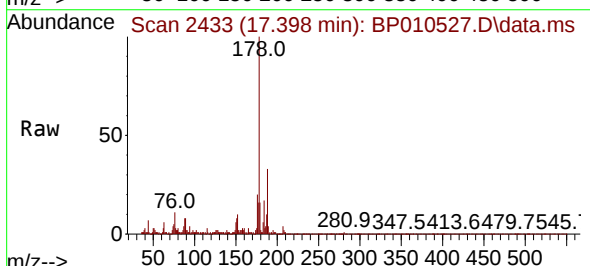
Tgt Ion:178 Resp: 63306

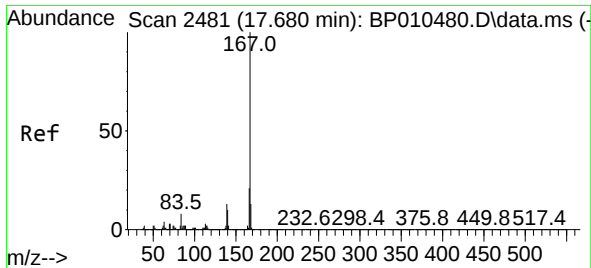
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.8 13.4 20.2





#77
 Carbazole
 Concen: 76.074 ng/ul
 RT: 17.675 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP010527.D
 Acq: 24 May 2022 21:22

Instrument :
 BNA_P
 ClientSampleId :
 DBTF2

Tgt Ion:167 Resp: 3605382
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.8 23.8
 139 13.4 8.3 12.5#

