Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
Data File : BP010523.D
Acq On : 24 May 2022 19:07
Operator : CG/JU
Sample : N2950-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: May 24 23:18:02 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

Instrument :
BNA_P
ClientSampleId :
DBTH2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	155088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	708254	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	475230	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1030360	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	848295	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	642258	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	17628m	4.845	ng/uL	0.00
4) Pyridine-d5	3.764	84	118424	11.463	ng/ul	0.00
7) Phenol-d5	7.052	99	99749	7.663	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	307236	35.130	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	275980	27.708	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	197273	17.833	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	195046	35.583	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	206244	35.504	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	346495	31.545	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	382187	23.401	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	1355871	38.724	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1463296	36.232	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	40032m	6.424	ng/ul	0.00
60) Fluorene-d10	15.510	176	1176657	38.628	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	212698	35.297	ng/ul	0.00
73) Anthracene-d10	17.369	188	1942769	41.640	ng/ul	0.00
81) Pyrene-d10	19.598	212	2259924	50.165	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	1403204	43.510	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.746	128	13922465	376.352	ng/ul	97
36) 2-Methylnaphthalene	12.345	142	799863	30.542	ng/ul	90
37) 1-Methylnaphthalene	12.563	142	440648	16.664	ng/ul#	97
43) 1,1'-Biphenyl	13.351	154	319010	9.145	ng/ul#	93
50) Acenaphthylene	14.240	152	75960	1.739	ng/ul	95
52) Acenaphthene	14.581	153	593143	20.811	ng/ul	96
56) Dibenzofuran	14.916	168	1080176	25.860	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.145	232	36153	4.165	ng/ul#	82
61) Fluorene	15.563	166	538902	15.777	ng/ul#	92
71) Pentachlorophenol	16.922	266	128741	16.810	ng/ul#	84
72) Phenanthrene	17.310	178	712420	12.956	ng/ul	98
74) Anthracene	17.404	178	64468	1.169	ng/ul	98
77) Carbazole	17.675	167	2215901	45.707	ng/ul#	95

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

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Operator : CG/JU
Sample : N2950-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: May 24 23:18:02 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

Instrument :
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ClientSampleId :
DBTH2

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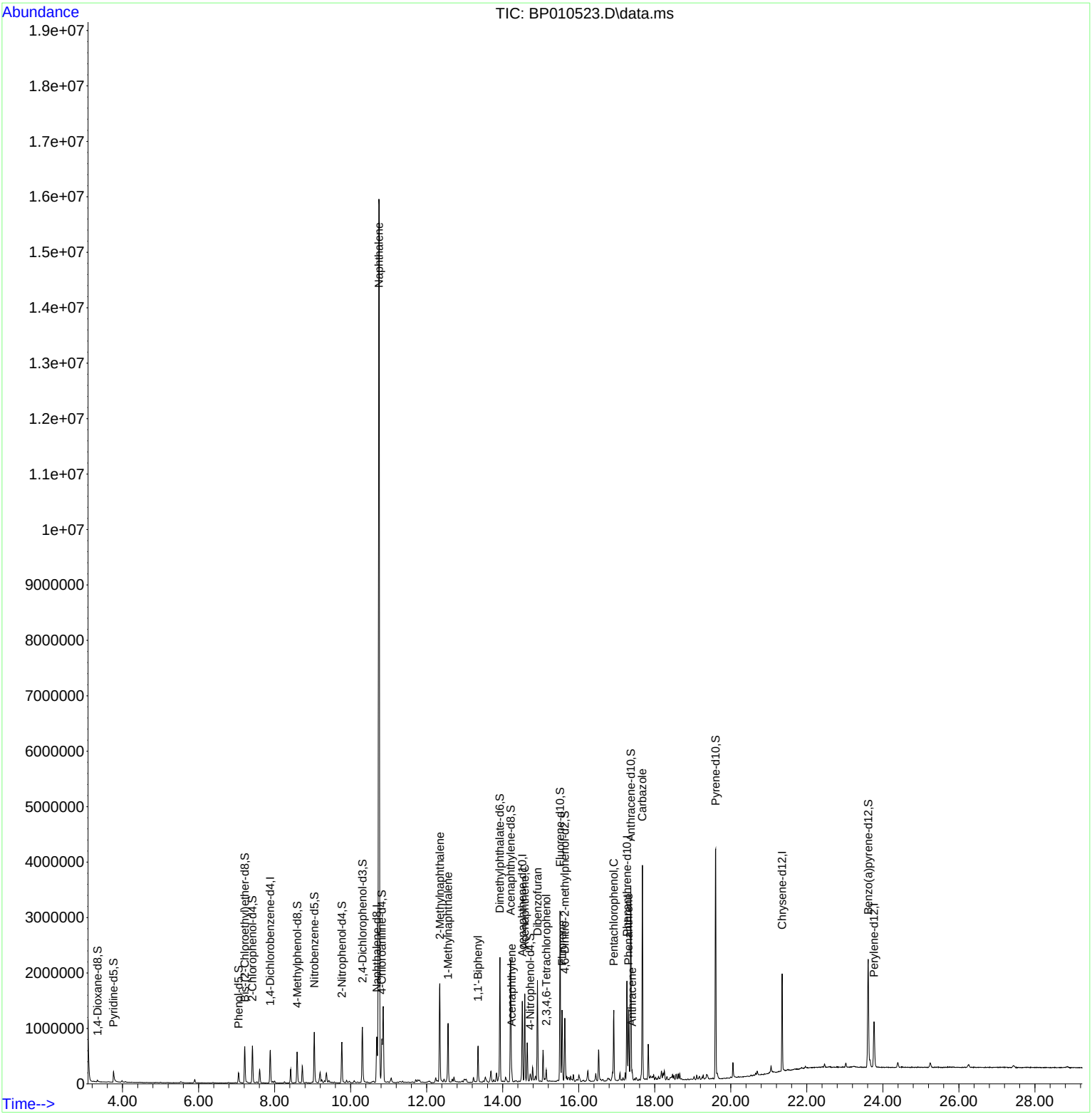
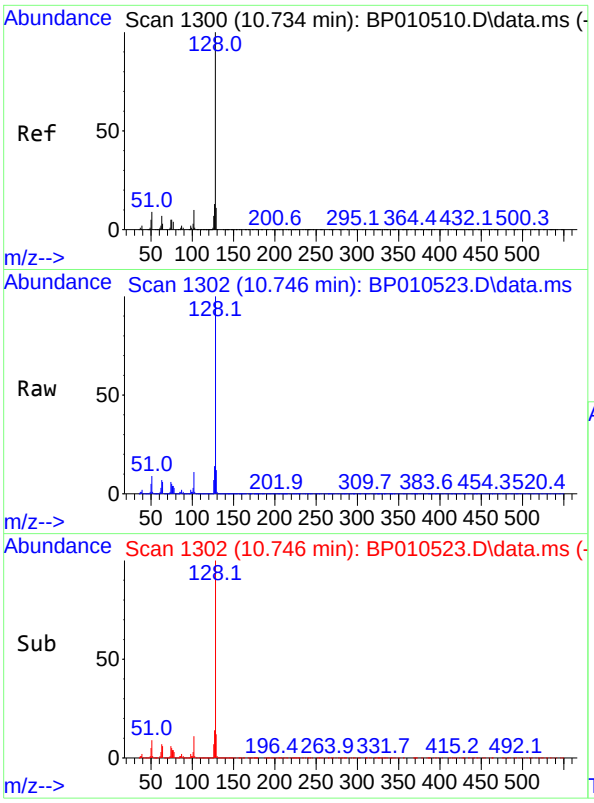
Supervised By :Yogesh Patel 05/26/2022

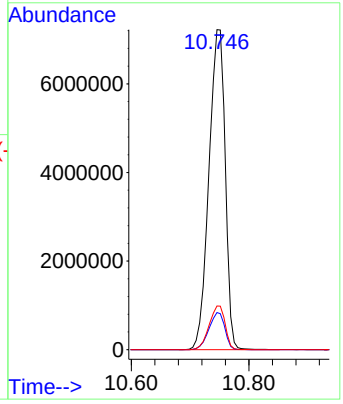




#30
Naphthalene
Concen: 376.352 ng/ul
RT: 10.746 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:128 Resp:1392246

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.7	12.2	18.4



Instrument :
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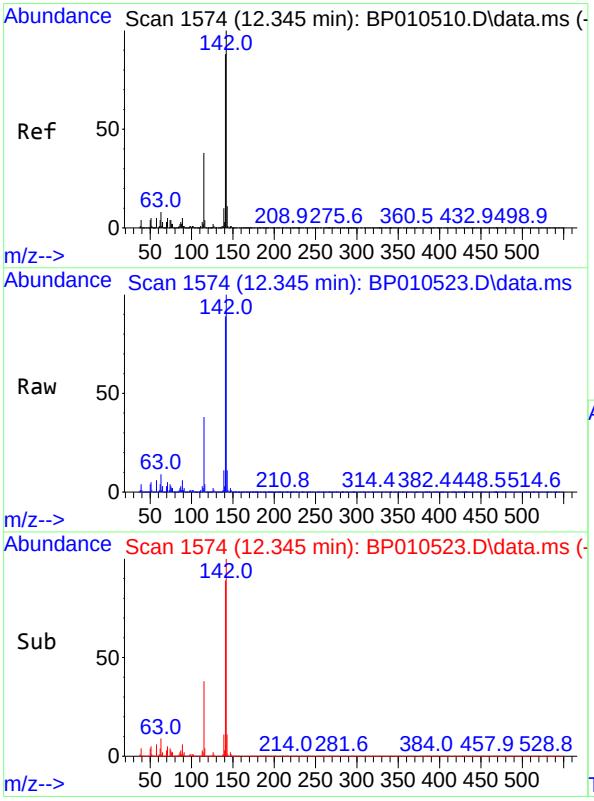
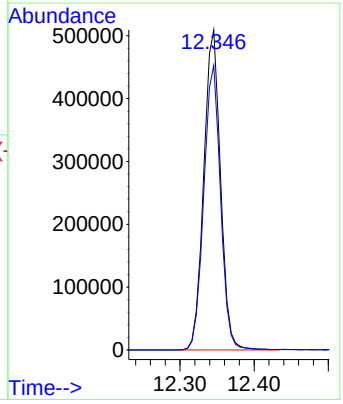
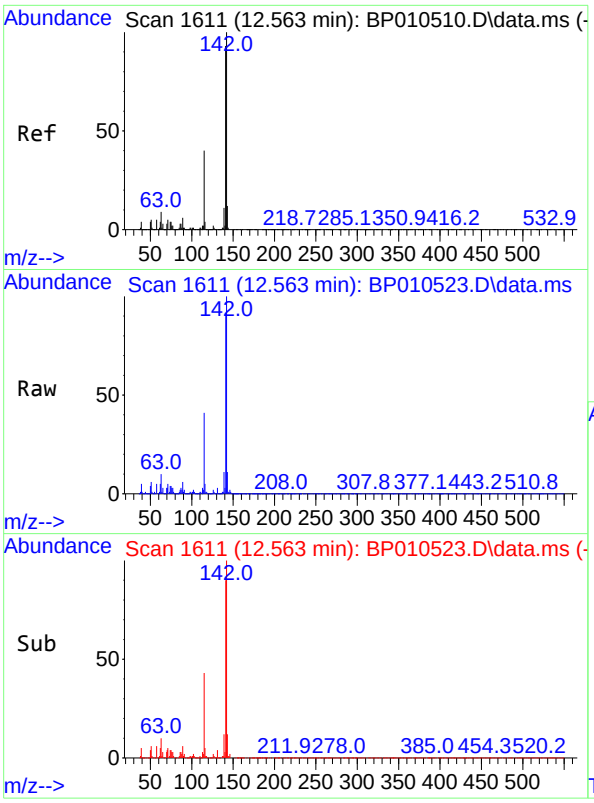


#36
2-Methylnaphthalene
Concen: 30.542 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:142 Resp: 799863

Ion	Ratio	Lower	Upper
142	100		
141	88.9	64.3	96.5

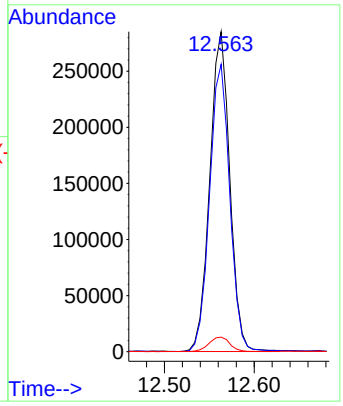




#37
1-Methylnaphthalene
Concen: 16.664 ng/ul
RT: 12.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:142 Resp: 44064

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.8	104.8
116	4.6	5.6	8.4#



Instrument :
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ClientSampleId :
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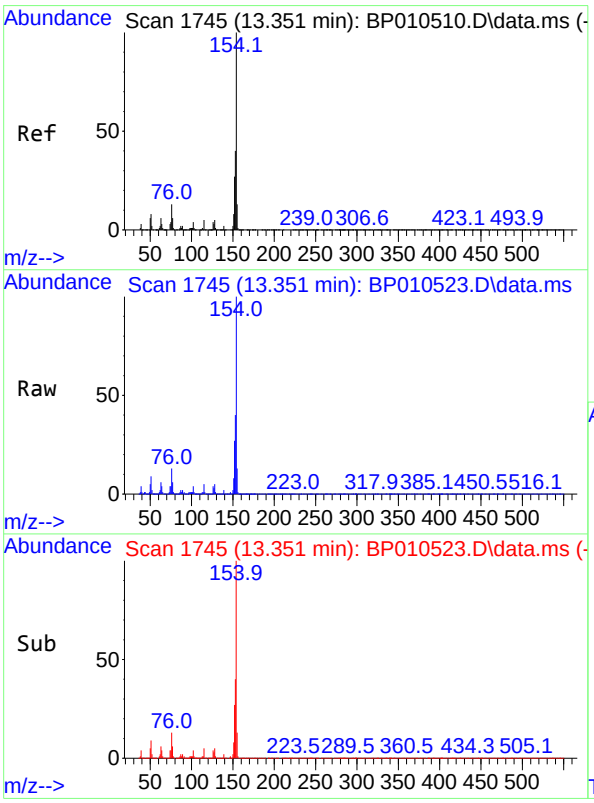
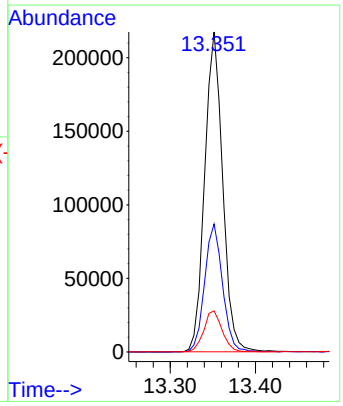
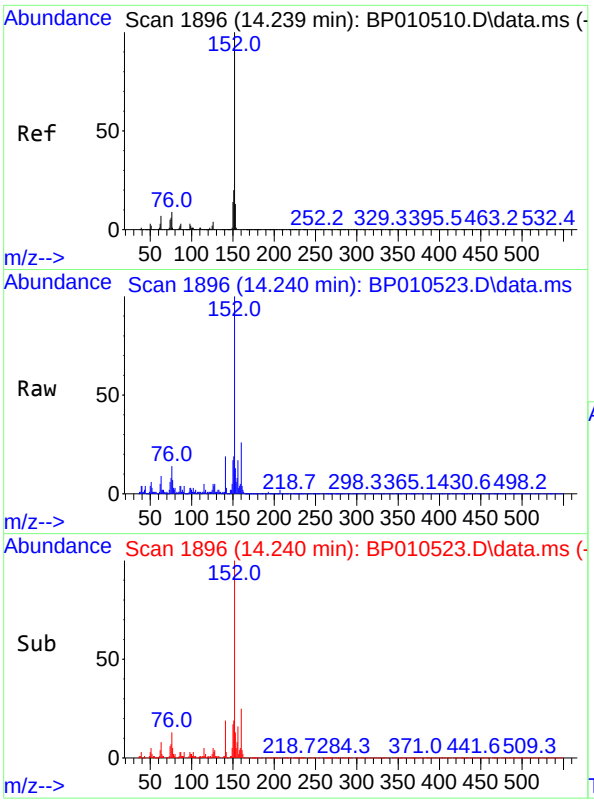


#43
1,1'-Biphenyl
Concen: 9.145 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:154 Resp: 319010

Ion	Ratio	Lower	Upper
154	100		
153	40.0	28.6	43.0
76	12.9	8.5	12.7#

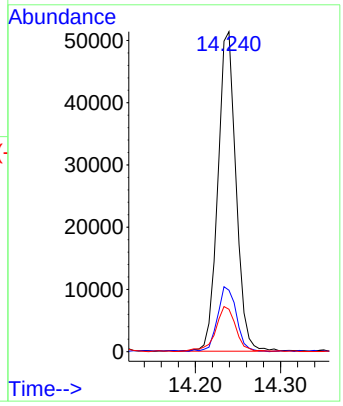




#50
Acenaphthylene
Concen: 1.739 ng/ul
RT: 14.240 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:152 Resp: 7596

Ion	Ratio	Lower	Upper
152	100		
151	19.2	18.3	27.5
153	13.3	11.0	16.6



Instrument :
BNA_P
ClientSampleId :
DBTH2

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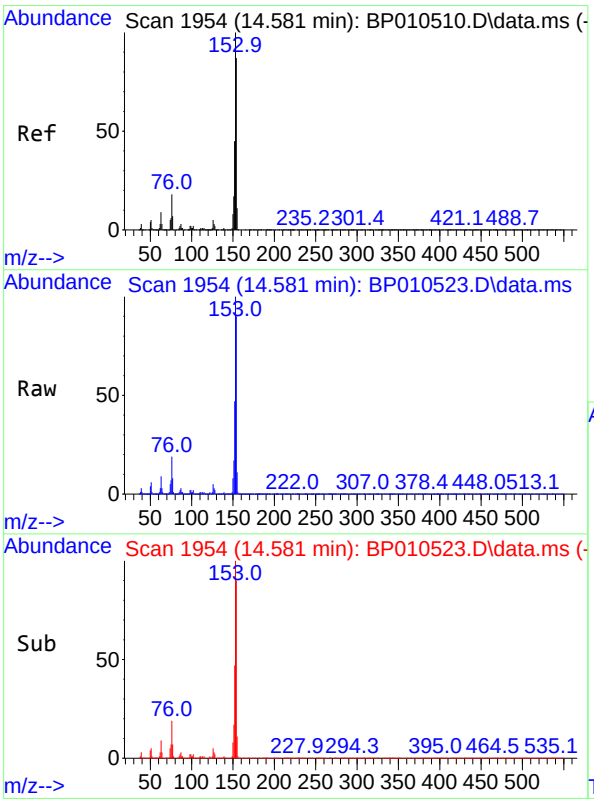
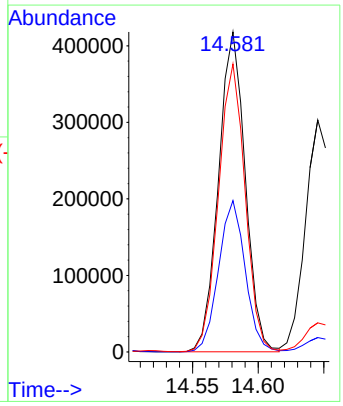
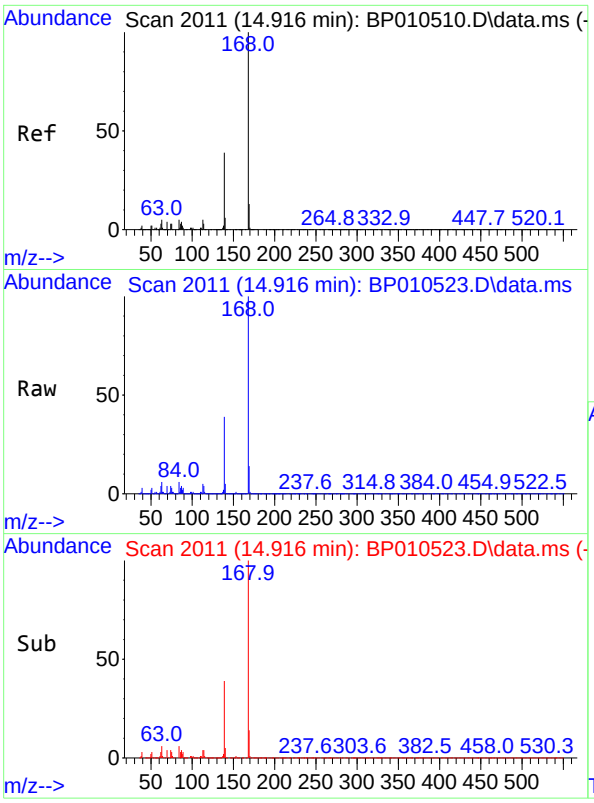


#52
Acenaphthene
Concen: 20.811 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:153 Resp: 593143

Ion	Ratio	Lower	Upper
153	100		
152	47.3	34.3	51.5
154	90.0	70.0	105.0

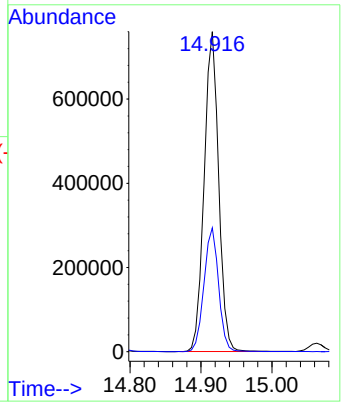




#56
Dibenzofuran
Concen: 25.860 ng/ul
RT: 14.916 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:168 Resp: 108017

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1



Instrument :
BNA_P
ClientSampleId :
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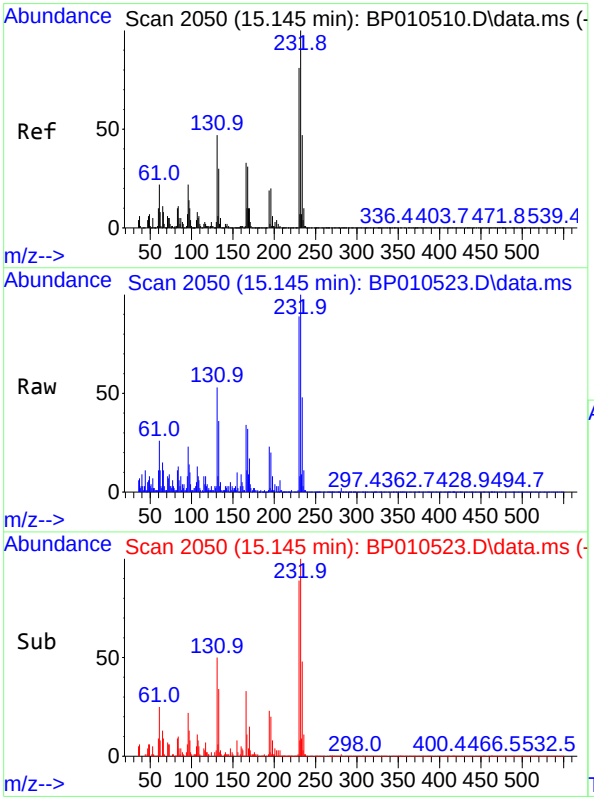
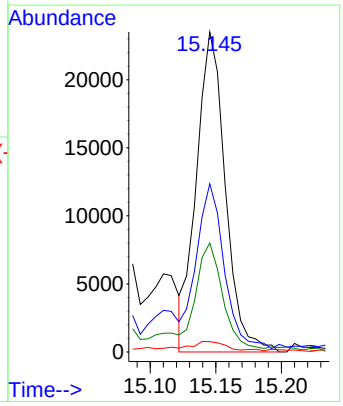
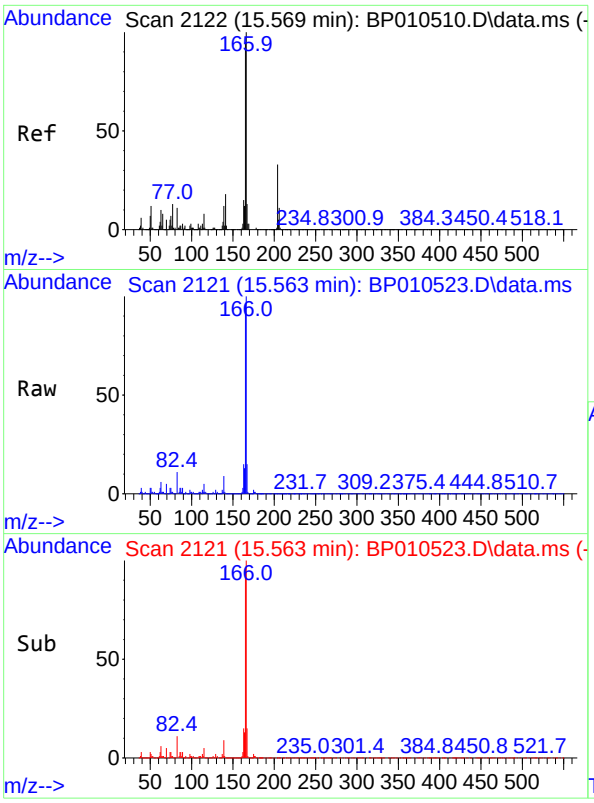


#58
2,3,4,6-Tetrachlorophenol
Concen: 4.165 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:232 Resp: 36153

Ion	Ratio	Lower	Upper
232	100		
131	52.5	25.4	38.2#
130	3.2	4.2	6.2#
166	34.0	28.1	42.1

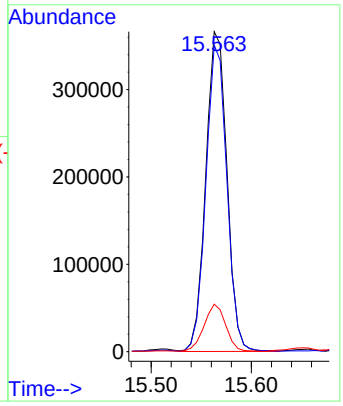




#61
Fluorene
Concen: 15.777 ng/ul
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:166 Resp: 53890

Ion	Ratio	Lower	Upper
166	100		
165	95.8	70.3	105.5
167	14.8	9.5	14.3#



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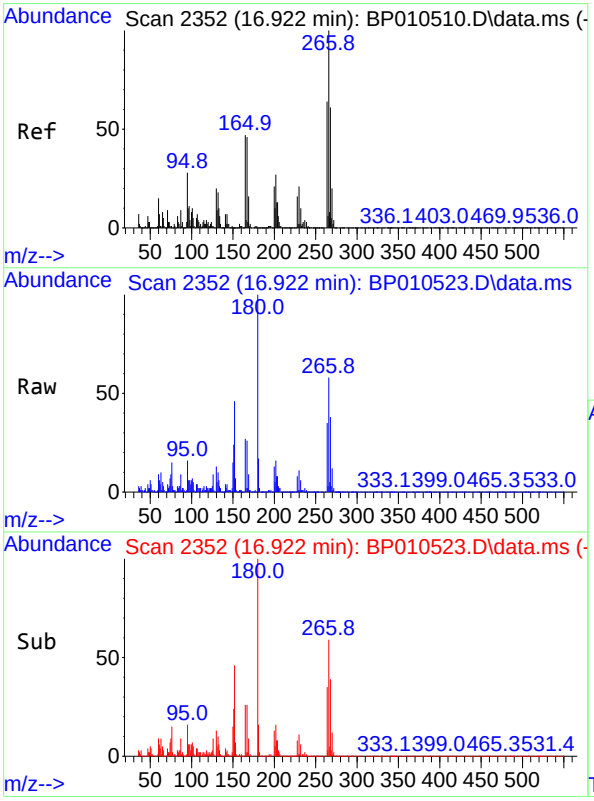
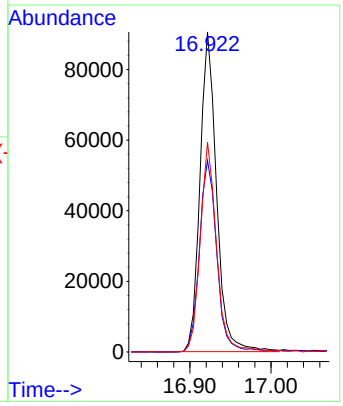
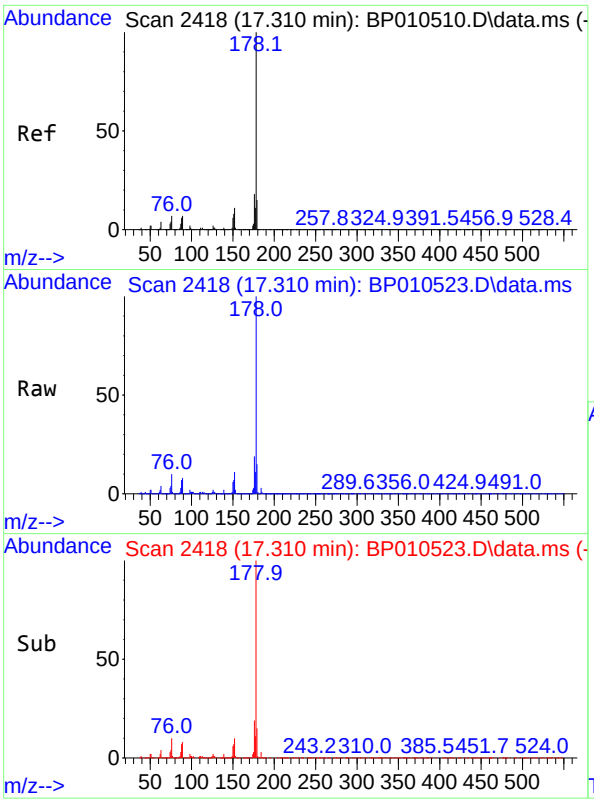


#71
Pentachlorophenol
Concen: 16.810 ng/ul
RT: 16.922 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:266 Resp: 128741

Ion	Ratio	Lower	Upper
266	100		
264	59.9	57.3	85.9
268	65.6	65.7	98.5#

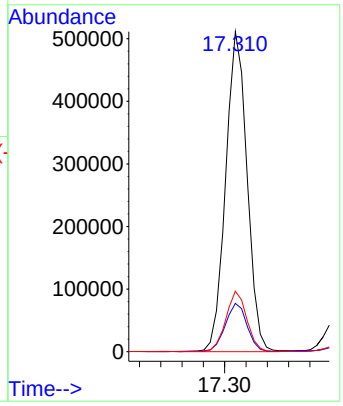




#72
Phenanthrene
Concen: 12.956 ng/ul
RT: 17.310 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:178 Resp: 71242

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.9	14.5	21.7



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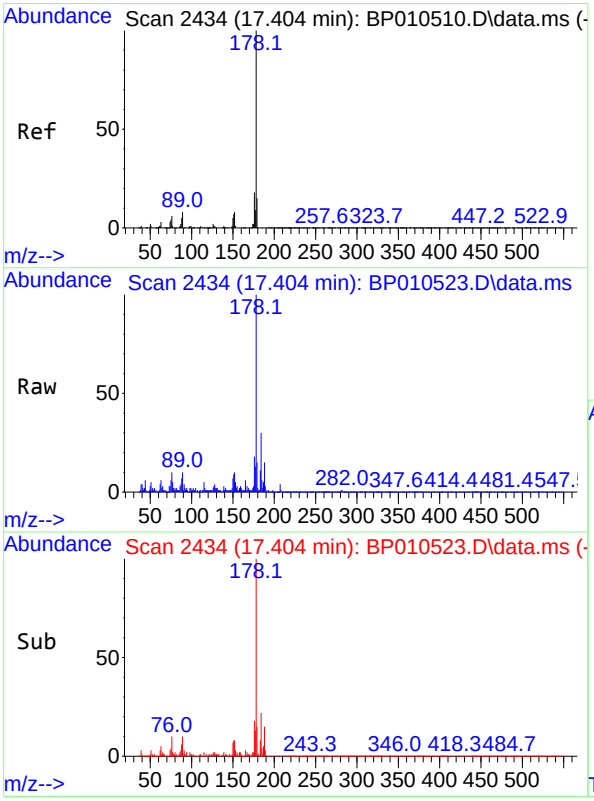
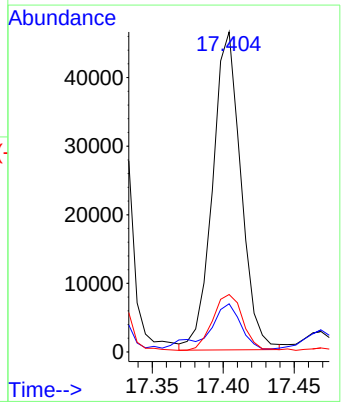
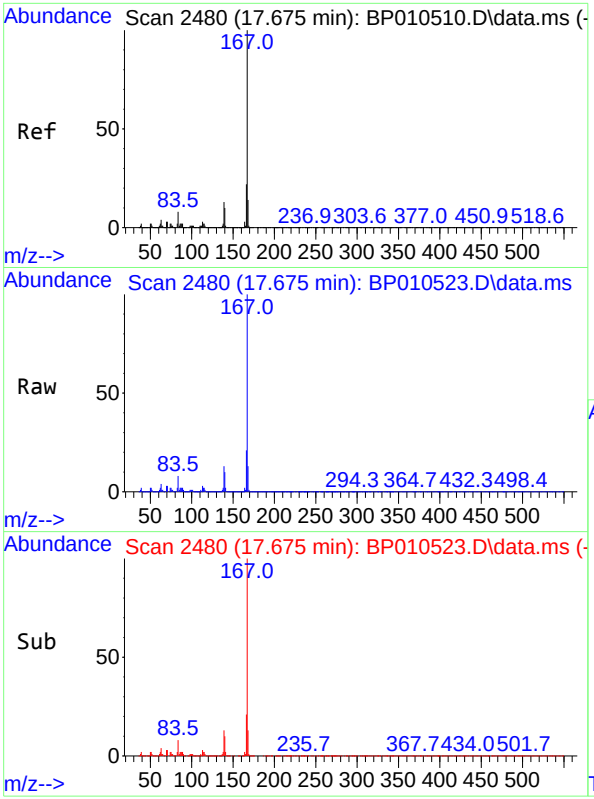


#74
Anthracene
Concen: 1.169 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:178 Resp: 64468

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.0	13.4	20.2

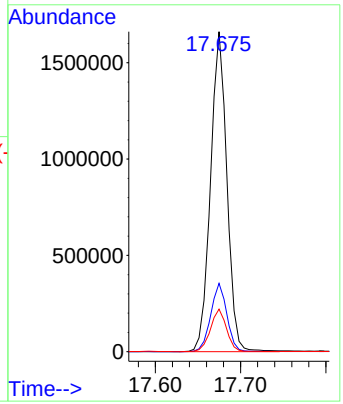




#77
Carbazole
Concen: 45.707 ng/ul
RT: 17.675 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP010523.D
Acq: 24 May 2022 19:07

Tgt Ion:167 Resp: 221590

Ion	Ratio	Lower	Upper
167	100		
166	21.3	15.8	23.8
139	13.3	8.3	12.5#



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