

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012864.D
 Acq On : 29 Nov 2022 22:02
 Operator : CG/JU
 Sample : N5725-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHB67

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2022
 Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 29 23:00:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 29 22:53:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	617090	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2700484	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1634936	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2790829	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1875171	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	2183548	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	55951m	3.885	ng/uL	0.00
4) Pyridine-d5	3.822	84	368879	8.560	ng/u1	0.00
7) Phenol-d5	7.163	99	277962	5.482	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	745921	23.872	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	760626	19.686	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	524985	12.850	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	446307	27.002	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	457087	26.045	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	922246	22.522	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	899788	16.046	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2994871	26.613	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	3334236	25.393	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	55505	2.766	ng/u1	0.00
60) Fluorene-d10	15.639	176	2606105	26.443	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	304507	22.829	ng/u1	0.00
73) Anthracene-d10	17.498	188	3699754	30.116	ng/u1	0.00
81) Pyrene-d10	19.727	212	3373239	30.959	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	3207560	29.906	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.434	88	40329	2.608	ng/uL	93
30) Naphthalene	10.875	128	198482	1.404	ng/u1	99
37) 1-Methylnaphthalene	12.698	142	270238	2.769	ng/u1	99
43) 1,1'-Biphenyl	13.481	154	1618358	13.588	ng/u1	100
52) Acenaphthene	14.710	153	3444450	34.075	ng/u1	99
56) Dibenzofuran	15.045	168	1432566	10.282	ng/u1	99
77) Carbazole	17.798	167	1881831	15.117	ng/u1	100

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

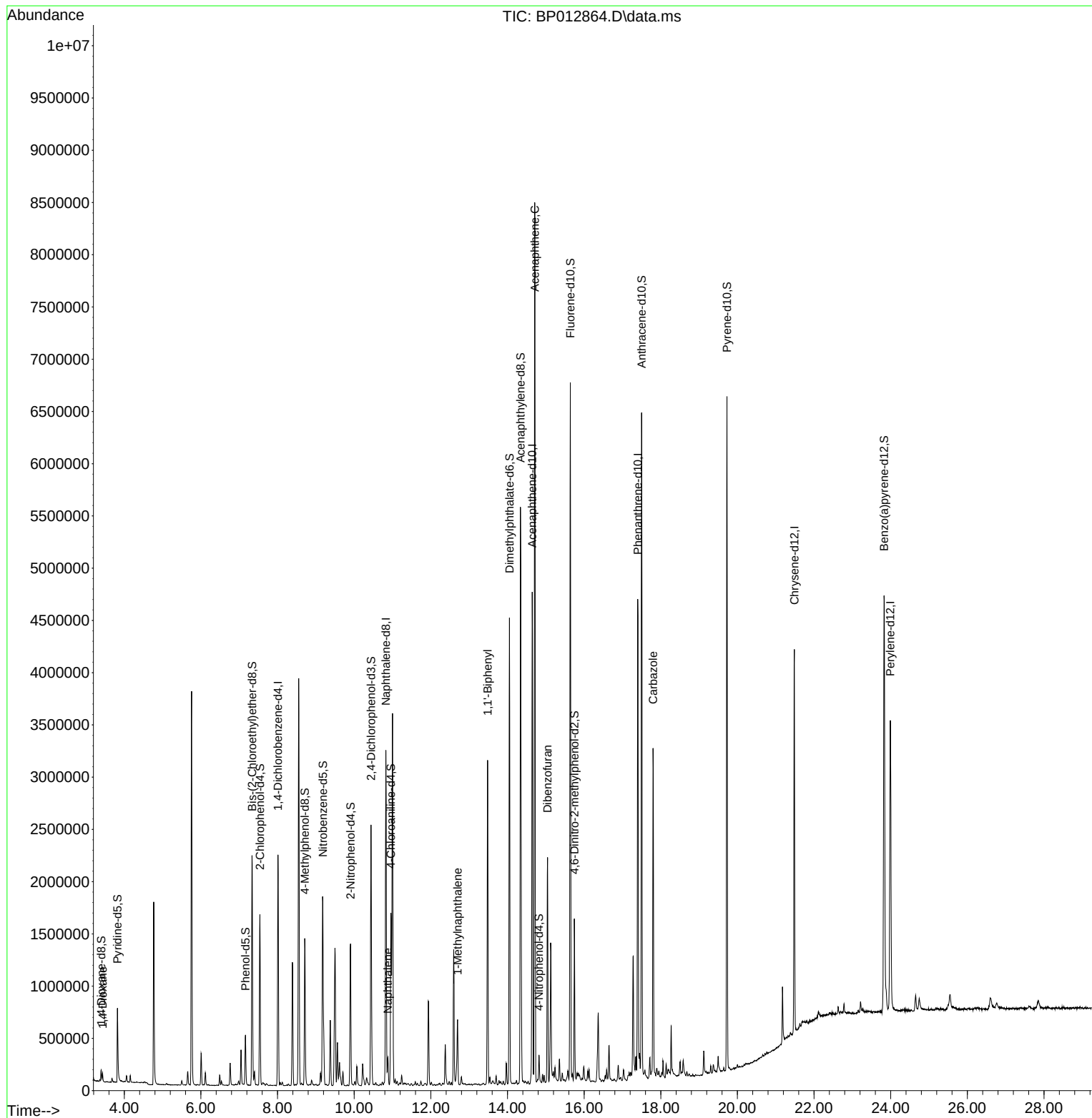
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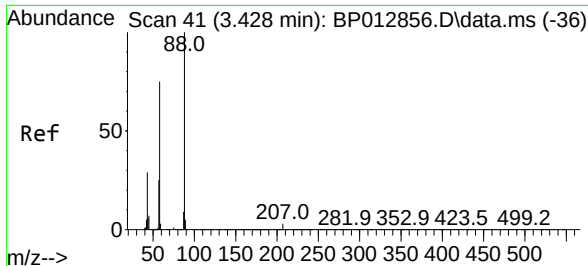
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Quant Time: Nov 29 23:00:46 2022
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Quant Title : SVOA CALIBRATION
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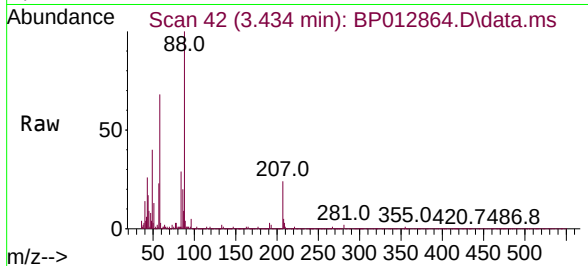
Reviewed By :Jagrut Upadhyay 11/30/2022
Supervised By :mohammad ahmed 11/30/2022





#2
1,4-Dioxane
Concen: 2.608 ng/uL
RT: 3.434 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP012864.D
Acq: 29 Nov 2022 22:02

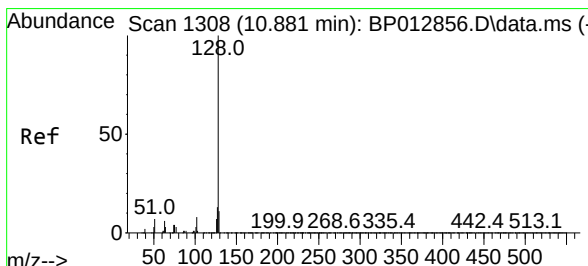
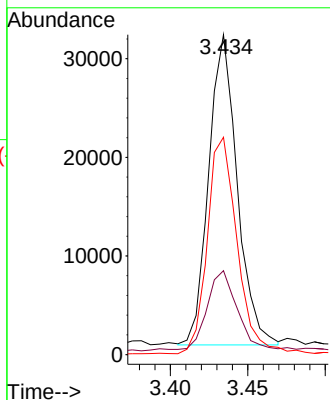
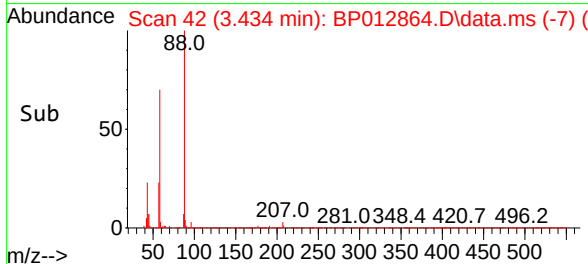
Instrument :
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Tgt Ion: 88 Resp: 40329
Ion Ratio Lower Upper
88 100
43 26.2 22.6 34.0
58 67.9 59.6 89.4

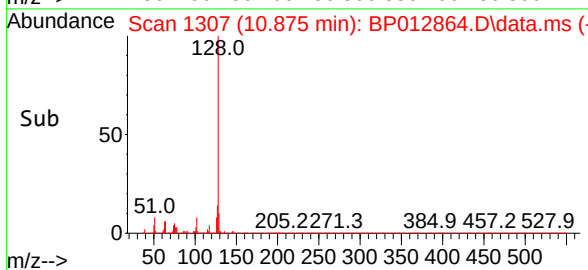
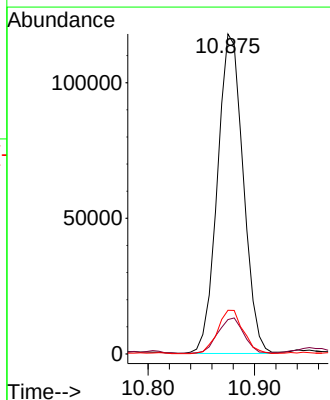
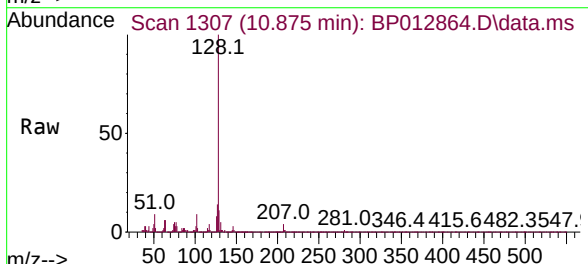
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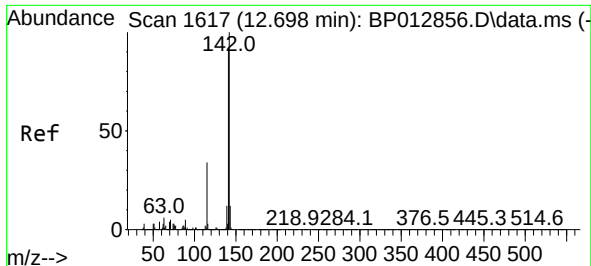
Reviewed By :Jagrut Upadhyay 11/30/2022
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#30
Naphthalene
Concen: 1.404 ng/uL
RT: 10.875 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP012864.D
Acq: 29 Nov 2022 22:02

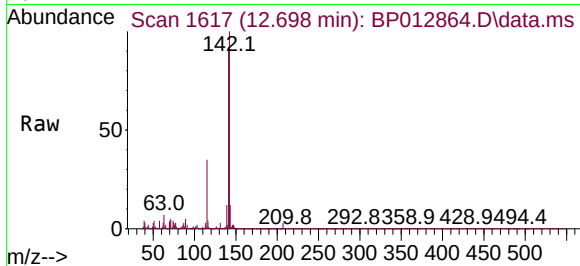
Tgt Ion:128 Resp: 198482
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.6 10.4 15.6





#37
1-Methylnaphthalene
Concen: 2.769 ng/ul
RT: 12.698 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP012864.D
Acq: 29 Nov 2022 22:02

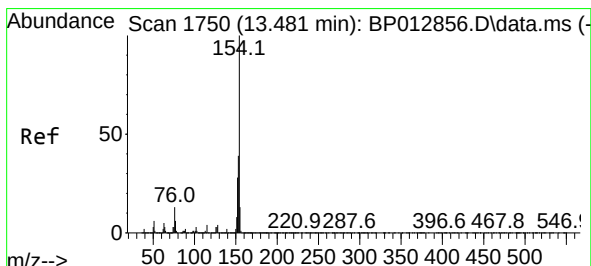
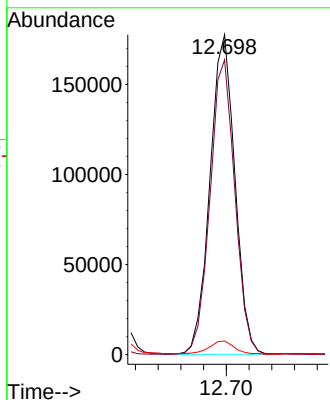
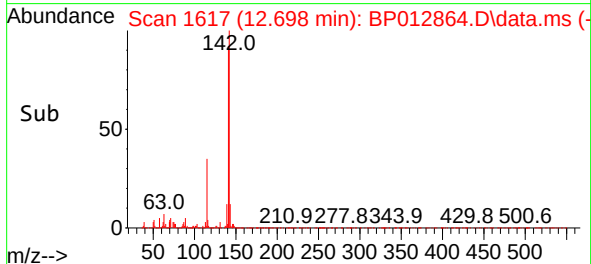
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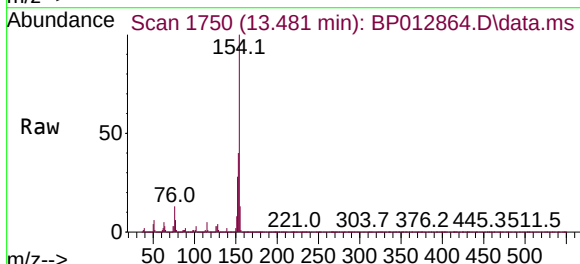
Tgt Ion:142 Resp: 270238
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9
116 4.3 2.9 4.3

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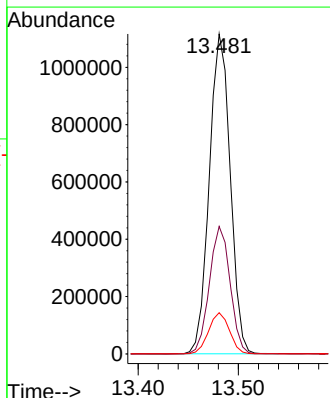
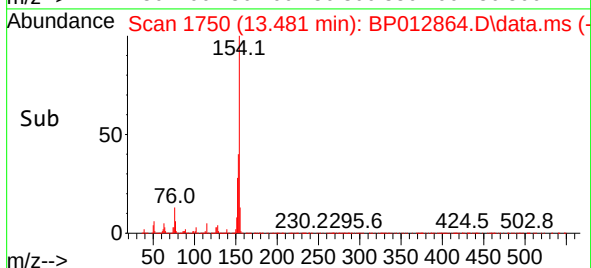
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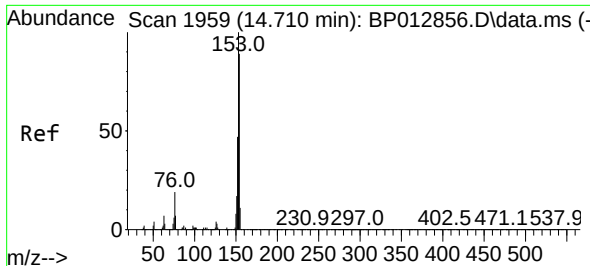


#43
1,1'-Biphenyl
Concen: 13.588 ng/ul
RT: 13.481 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP012864.D
Acq: 29 Nov 2022 22:02



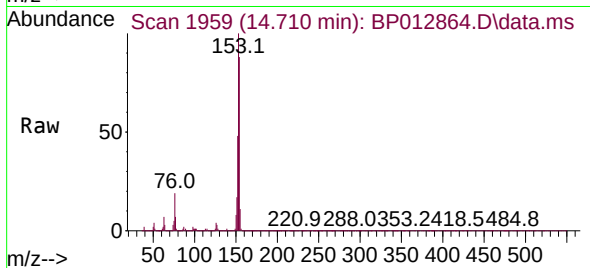
Tgt Ion:154 Resp: 1618358
Ion Ratio Lower Upper
154 100
153 39.8 32.0 48.0
76 12.9 10.2 15.4





#52
Acenaphthene
Concen: 34.075 ng/ul
RT: 14.710 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP012864.D
Acq: 29 Nov 2022 22:02

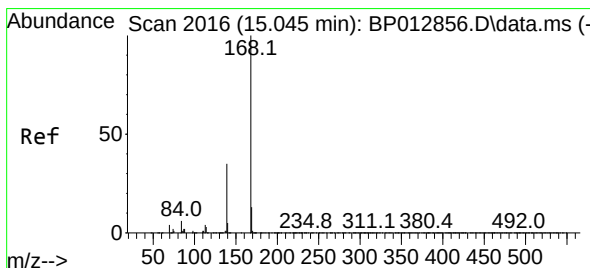
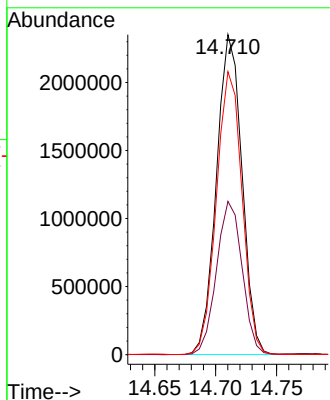
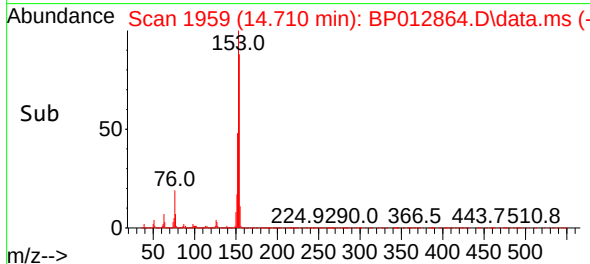
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Tgt Ion:153 Resp: 3444450
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.4
154 88.4 69.8 104.6

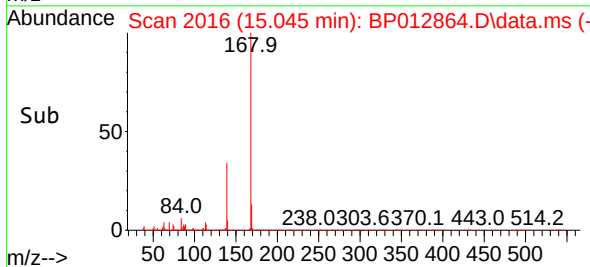
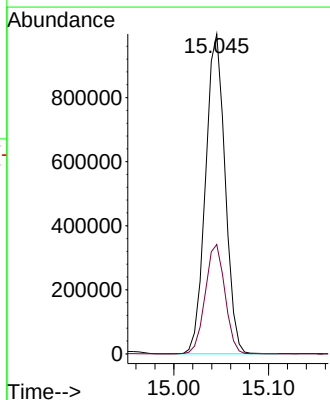
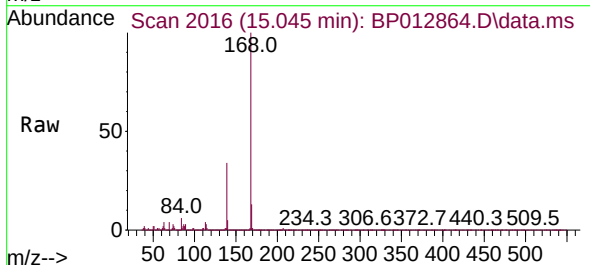
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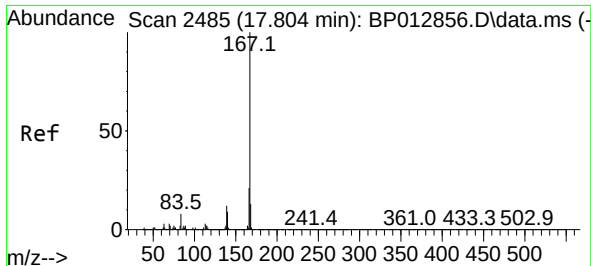
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#56
Dibenzofuran
Concen: 10.282 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP012864.D
Acq: 29 Nov 2022 22:02

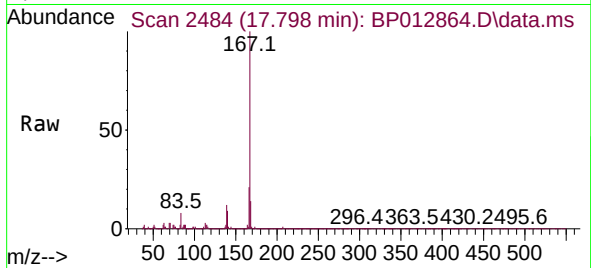
Tgt Ion:168 Resp: 1432566
Ion Ratio Lower Upper
168 100
139 34.2 27.7 41.5





#77
 Carbazole
 Concen: 15.117 ng/ul
 RT: 17.798 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BP012864.D
 Acq: 29 Nov 2022 22:02

Instrument :
 BNA_P
 ClientSampleId :
 BHB67



Tgt Ion:167 Resp: 1881831
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.4 9.8 14.8

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