

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022861.D
 Acq On : 05 Nov 2024 15:29
 Operator : RC/JU
 Sample : P4625-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 23:32:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	68015	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.381	136	265913	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.245	164	212309	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.051	188	514137	20.000	ng/u1	-0.01
79) Chrysene-d12	21.498	240	577503	20.000	ng/u1	0.00
88) Perylene-d12	24.751	264	650042	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	7047	4.026	ng/uL	0.00
4) Pyridine-d5	3.605	84	16437	3.421	ng/u1	0.01
7) Phenol-d5	6.828	99	46133	8.058	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	101508	30.166	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	118650	29.206	ng/u1	-0.01
15) 4-Methylphenol-d8	8.334	113	95270	20.851	ng/u1	-0.01
21) Nitrobenzene-d5	8.763	128	69504	33.994	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.475	143	84892	35.863	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	174953	34.775	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.528	131	100240m	16.862	ng/u1	-0.01
46) Dimethylphthalate-d6	13.651	166	629175	37.299	ng/u1	-0.01
49) Acenaphthylene-d8	13.934	160	635274	35.458	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.516	143	20428	7.219	ng/u1	0.00
60) Fluorene-d10	15.257	176	548685	37.501	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.398	200	87711	25.939	ng/u1	0.00
73) Anthracene-d10	17.157	188	960018	39.693	ng/u1	-0.01
81) Pyrene-d10	19.533	212	1211805	39.680	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.527	264	1380006	39.752	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.217	88	2069	1.099	ng/uL#	90
30) Naphthalene	10.428	128	1402217	99.004	ng/u1	98
36) 2-Methylnaphthalene	12.034	142	51528	4.956	ng/u1	99
37) 1-Methylnaphthalene	12.257	142	90782	8.555	ng/u1	96
52) Acenaphthene	14.304	153	206432	15.700	ng/u1	98
61) Fluorene	15.322	166	71942	4.470	ng/u1	99
77) Carbazole	17.486	167	105593	4.347	ng/u1	99

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

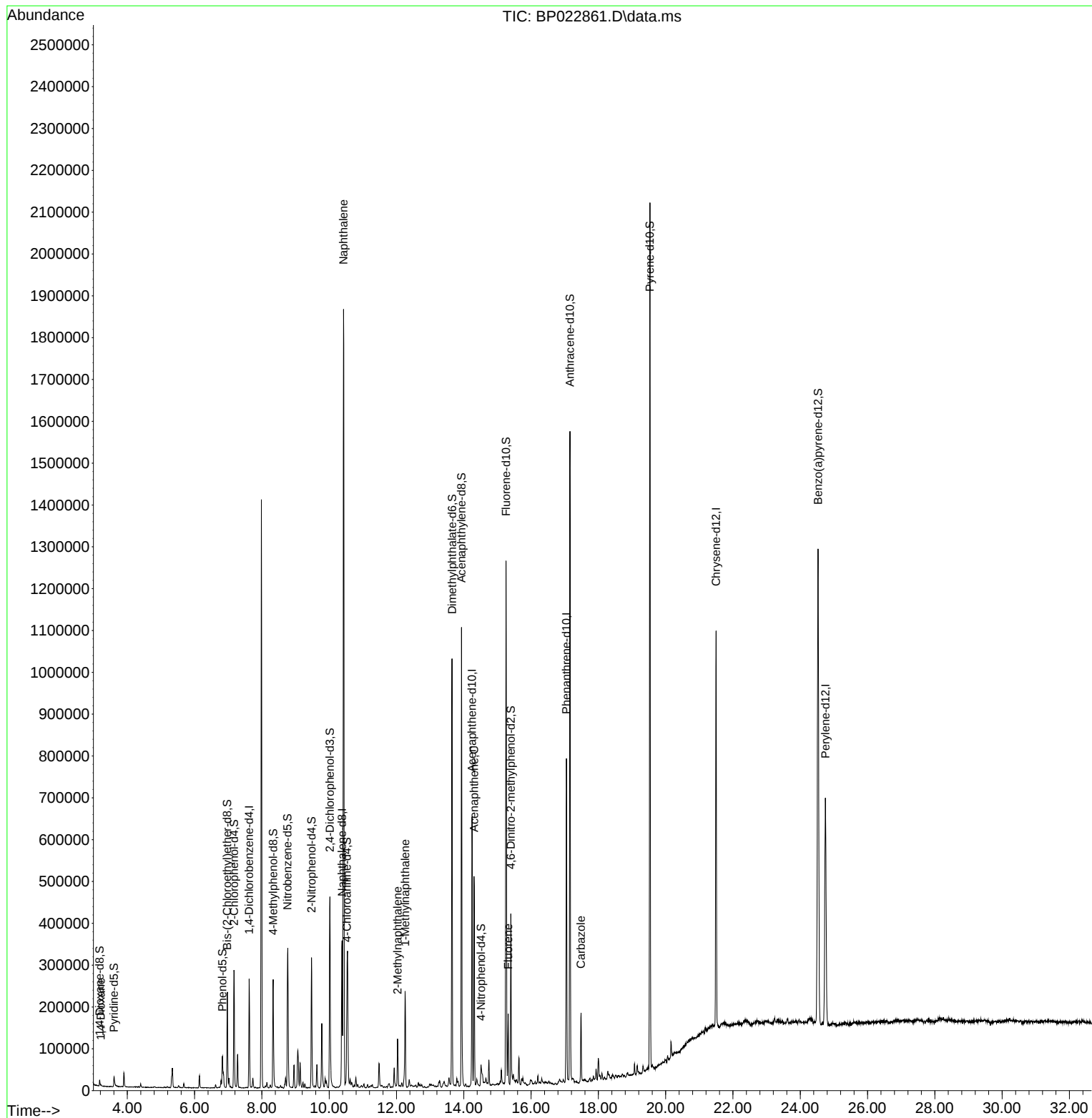
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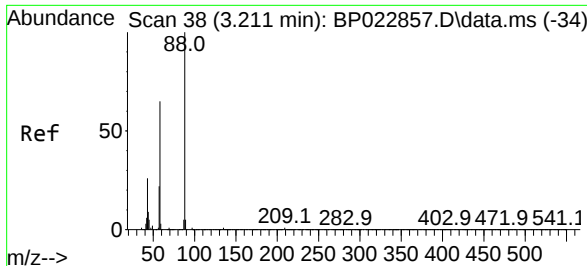
Instrument :
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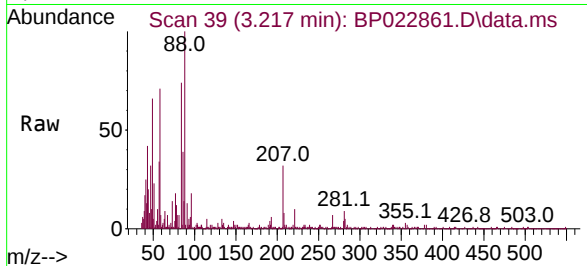
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024





#2
1,4-Dioxane
Concen: 1.099 ng/uL
RT: 3.217 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP022861.D
Acq: 05 Nov 2024 15:29

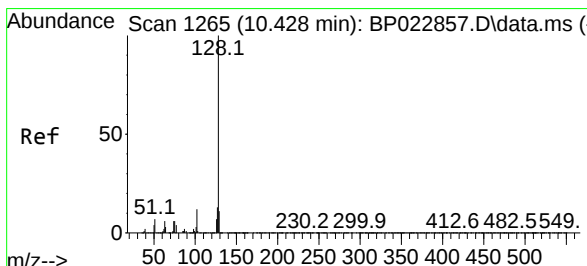
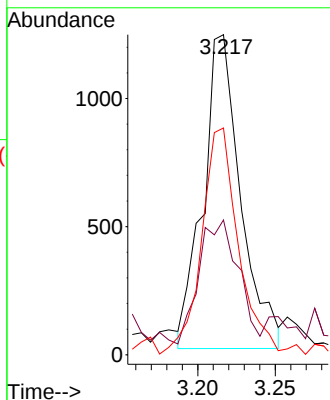
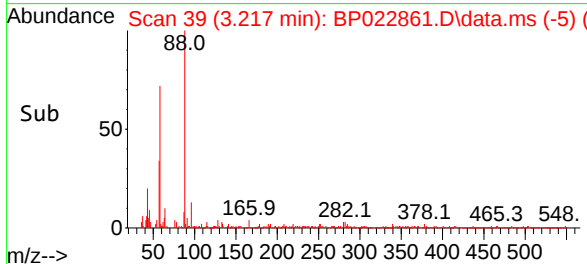
Instrument :
BNA_P
ClientSampleId :
C0AB6



Tgt Ion: 88 Resp: 2069
Ion Ratio Lower Upper
88 100
43 42.1 22.3 33.5
58 70.9 54.7 82.1

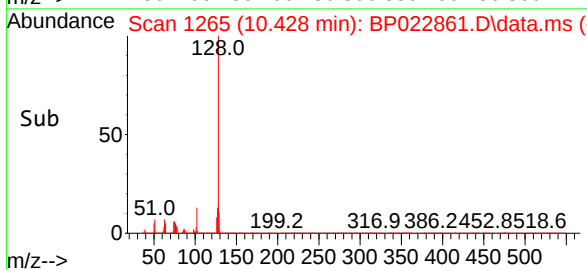
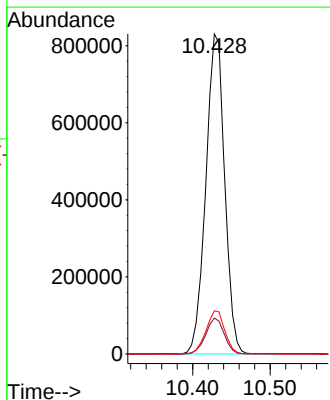
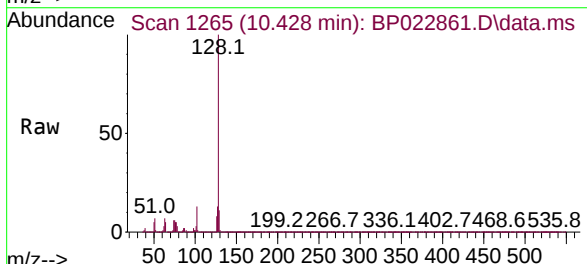
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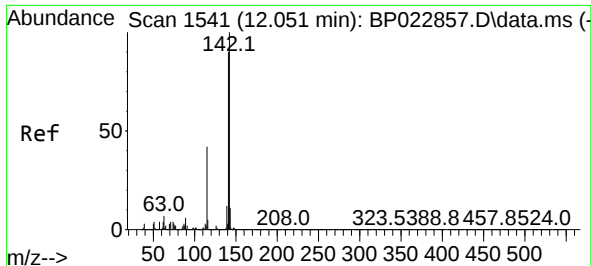
Reviewed By :Yogesh Patel 11/06/2024
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#30
Naphthalene
Concen: 99.004 ng/uL
RT: 10.428 min Scan# 1265
Delta R.T. -0.018 min
Lab File: BP022861.D
Acq: 05 Nov 2024 15:29

Tgt Ion:128 Resp: 1402217
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.5 9.9 14.9





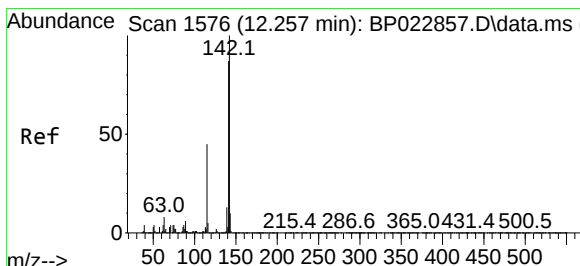
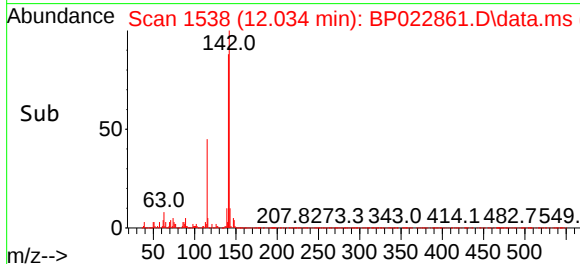
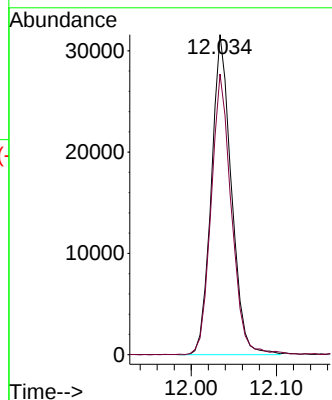
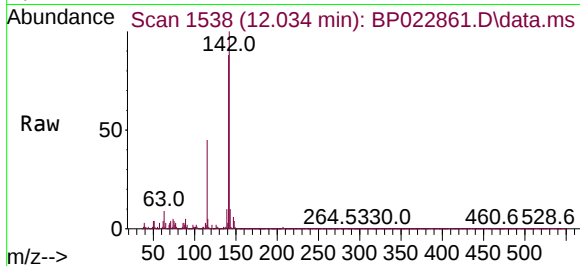
#36
2-Methylnaphthalene
Concen: 4.956 ng/ul
RT: 12.034 min Scan# 1538
Delta R.T. -0.024 min
Lab File: BP022861.D
Acq: 05 Nov 2024 15:29

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:142 Resp: 51528
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.6

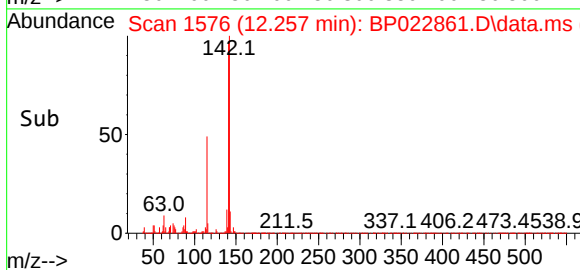
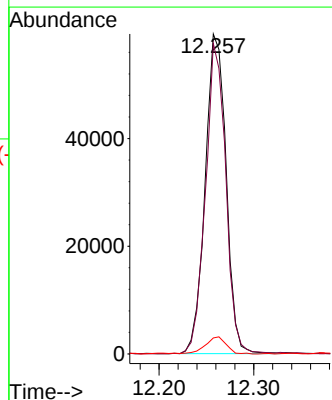
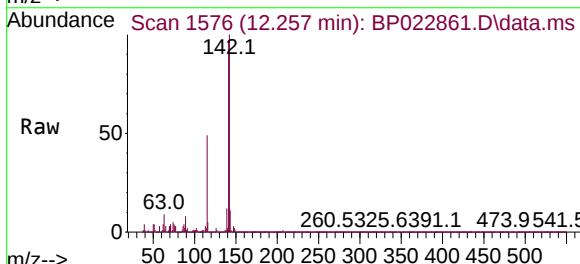
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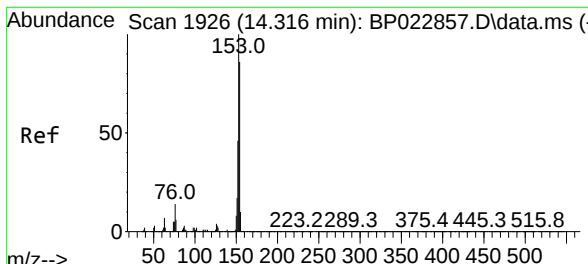
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#37
1-Methylnaphthalene
Concen: 8.555 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.024 min
Lab File: BP022861.D
Acq: 05 Nov 2024 15:29

Tgt Ion:142 Resp: 90782
Ion Ratio Lower Upper
142 100
141 97.1 74.8 112.2
116 5.0 4.1 6.1





#52
Acenaphthene
Concen: 15.700 ng/ul
RT: 14.304 min Scan# 1926
Delta R.T. -0.024 min
Lab File: BP022861.D
Acq: 05 Nov 2024 15:29

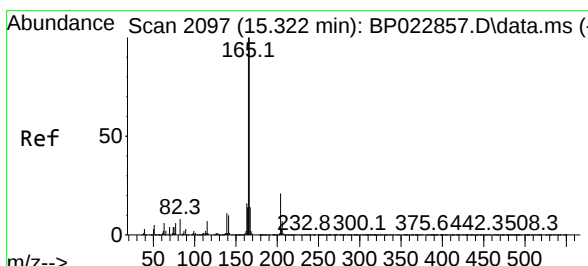
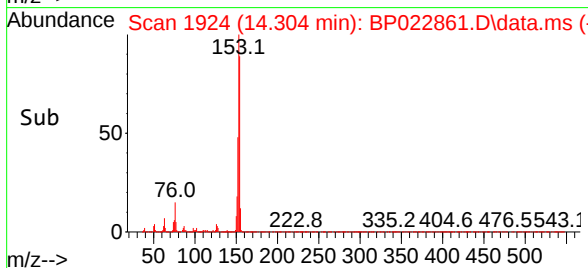
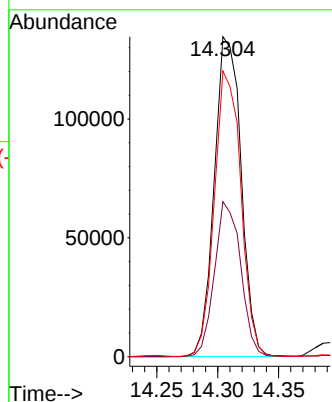
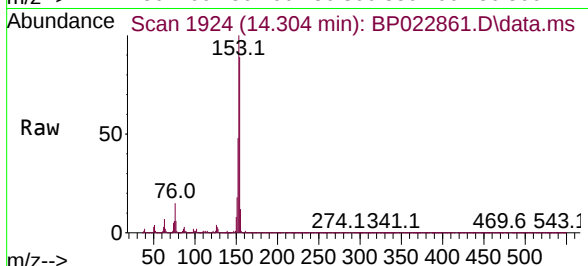
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Tgt Ion:153 Resp: 20643

Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.8	56.6
154	89.3	69.5	104.3

Manual Integrations
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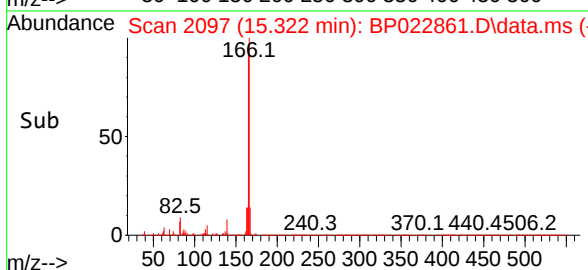
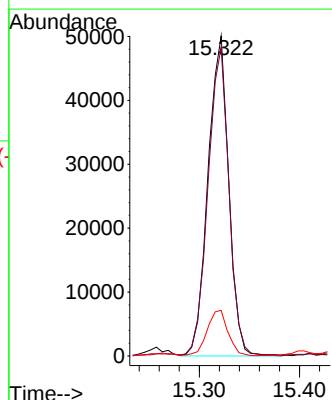
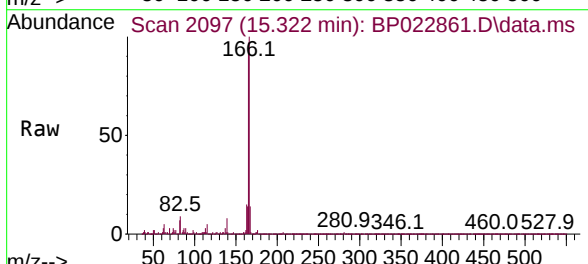
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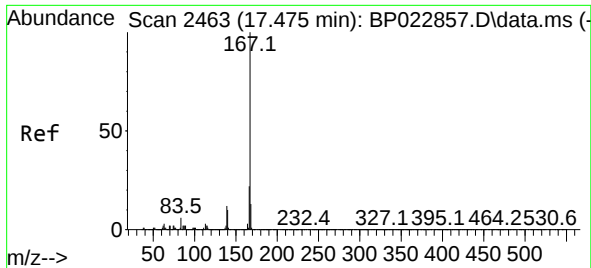


#61
Fluorene
Concen: 4.470 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP022861.D
Acq: 05 Nov 2024 15:29

Tgt Ion:166 Resp: 71942

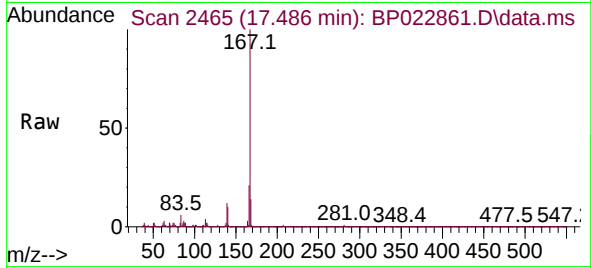
Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.8	116.6
167	14.3	11.1	16.7





#77
 Carbazole
 Concen: 4.347 ng/ul
 RT: 17.486 min Scan# 2465
 Delta R.T. 0.006 min
 Lab File: BP022861.D
 Acq: 05 Nov 2024 15:29

Instrument :
 BNA_P
 ClientSampleId :
 C0AB6



Tgt Ion:167 Resp: 105593
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.4 10.3 15.5

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