

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017316.D
 Acq On : 25 Sep 2023 12:19
 Operator : MA/JU
 Sample : 04429-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBK38

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 26 00:47:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 23:51:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	137179	20.000	ng/u1	#-0.01
20) Naphthalene-d8	10.757	136	585186	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	365746	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	811026	20.000	ng/u1	0.00
79) Chrysene-d12	21.462	240	731061	20.000	ng/u1	-0.01
88) Perylene-d12	23.980	264	815588	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15648	4.685	ng/uL	0.00
4) Pyridine-d5	3.734	84	162023	17.353	ng/u1	0.00
7) Phenol-d5	7.087	99	93442	8.294	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.275	67	253341	37.260	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	247929	27.746	ng/u1	-0.01
15) 4-Methylphenol-d8	8.645	113	160533	18.327	ng/u1	-0.01
21) Nitrobenzene-d5	9.128	128	179665	42.469	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.839	143	163135	35.514	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.369	165	278912	32.138	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.916	131	431994	34.362	ng/u1	-0.01
46) Dimethylphthalate-d6	14.004	166	1097033	41.870	ng/u1	-0.01
49) Acenaphthylene-d8	14.292	160	1223886	40.614	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	25004	5.478	ng/u1	0.00
60) Fluorene-d10	15.586	176	952941	42.247	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.722	200	102328	22.386	ng/u1	0.00
73) Anthracene-d10	17.463	188	1550575	43.108	ng/u1	0.00
81) Pyrene-d10	19.704	212	1821038	46.063	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.815	264	1772734	45.144	ng/u1	-0.02
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	9.916	107	17492m	1.764	ng/u1	
30) Naphthalene	10.816	128	11992866	393.593	ng/u1	99
36) 2-Methylnaphthalene	12.416	142	3409226	171.428	ng/u1	99
37) 1-Methylnaphthalene	12.633	142	1873607	92.162	ng/u1	100
43) 1,1'-Biphenyl	13.422	154	82765	2.983	ng/u1	97
52) Acenaphthene	14.657	153	36300	1.560	ng/u1	95
56) Dibenzofuran	14.992	168	40091	1.258	ng/u1	97
61) Fluorene	15.645	166	59159	2.285	ng/u1	96

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

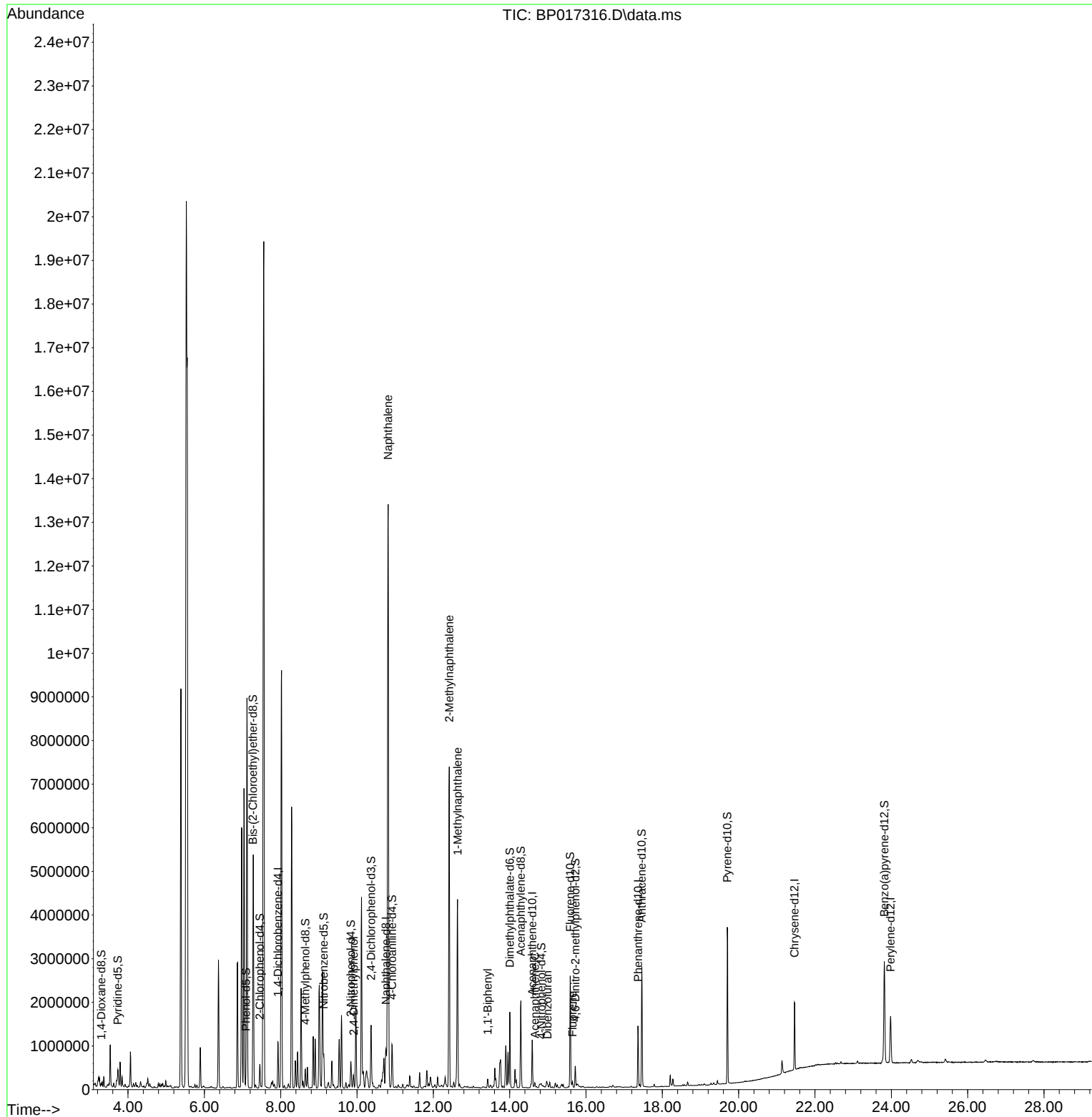
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
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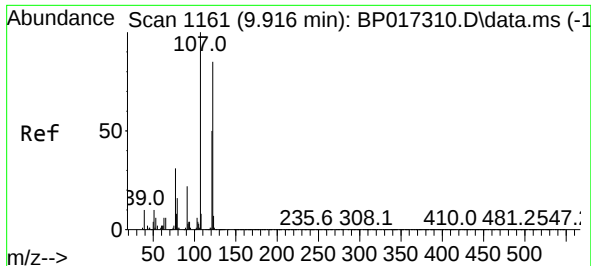
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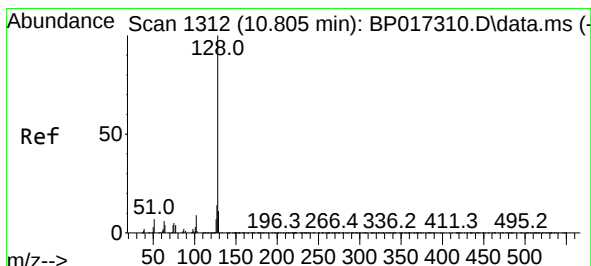
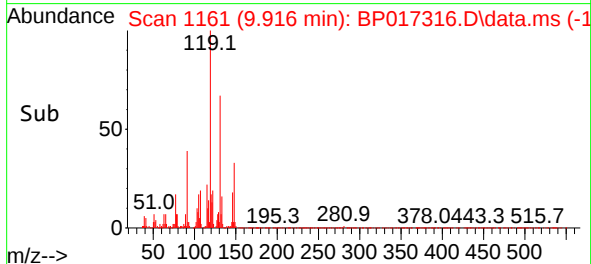
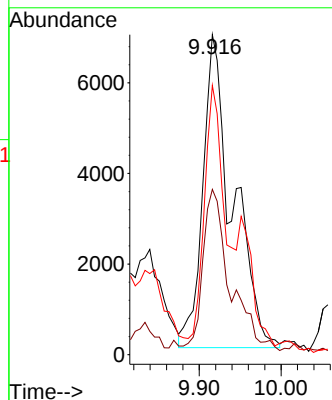
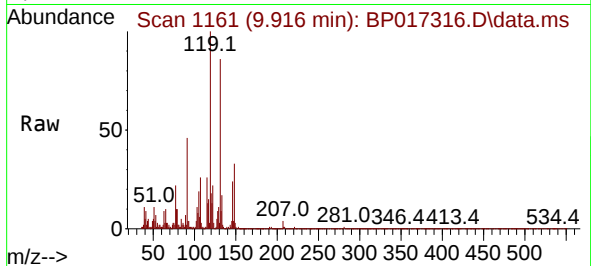
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2,4-Dimethylphenol
Concen: 1.764 ng/ul m
RT: 9.916 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP017316.D
Acq: 25 Sep 2023 12:19

Instrument :
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Tgt Ion:107 Resp: 17492
Ion Ratio Lower Upper
107 100
121 51.6 41.1 61.7
122 84.2 69.4 104.0

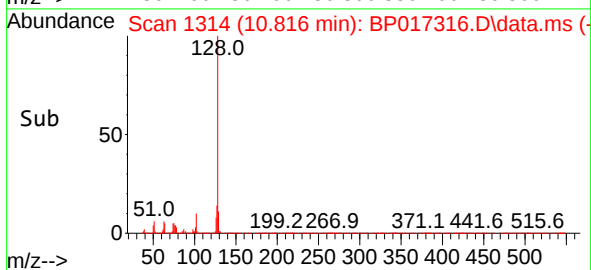
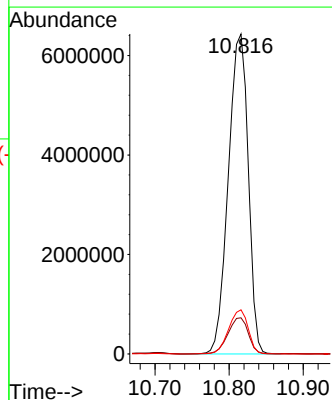
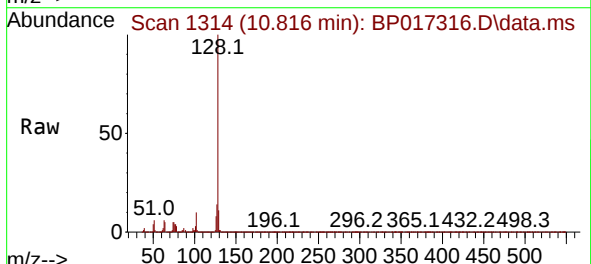
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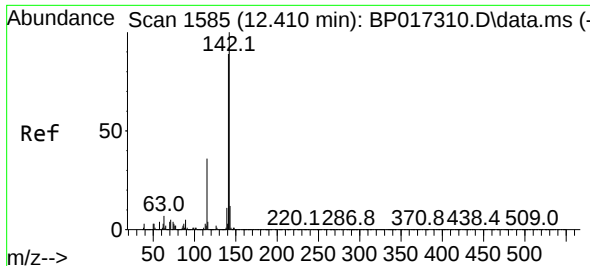
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/29/2023



#30
Naphthalene
Concen: 393.593 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BP017316.D
Acq: 25 Sep 2023 12:19

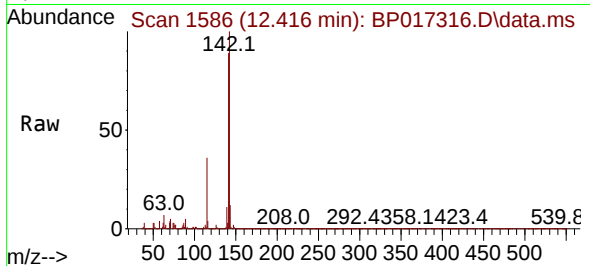
Tgt Ion:128 Resp:11992866
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.8 10.6 15.8





#36
2-Methylnaphthalene
Concen: 171.428 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BP017316.D
Acq: 25 Sep 2023 12:19

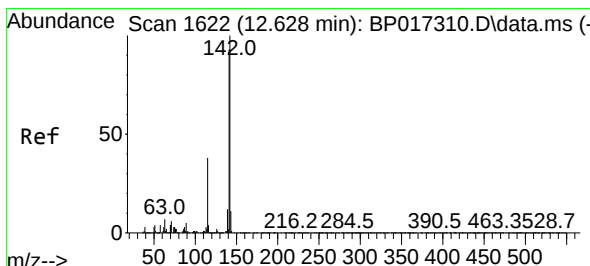
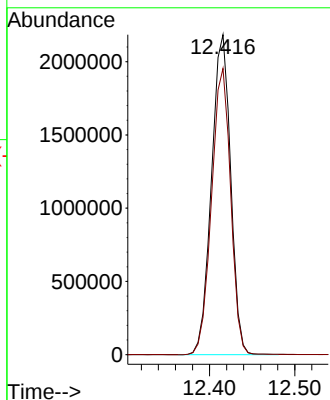
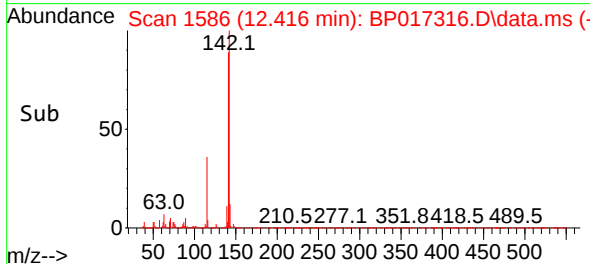
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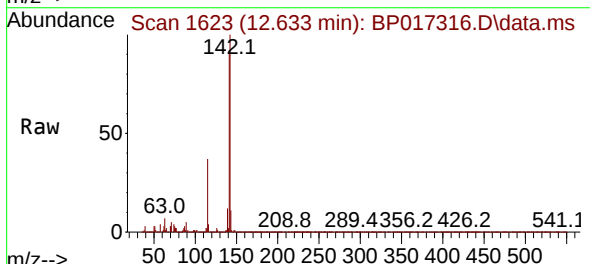
Tgt Ion:142 Resp: 3409220
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9

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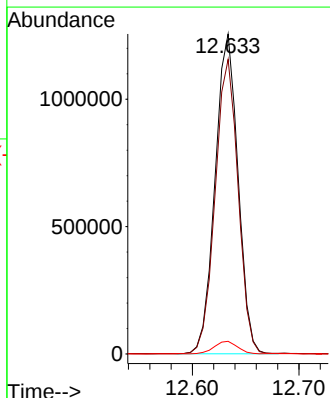
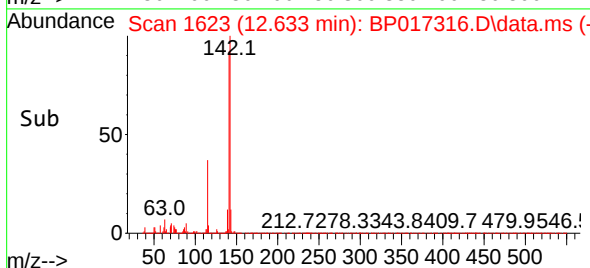
Reviewed By :Yogesh Patel 09/26/2023
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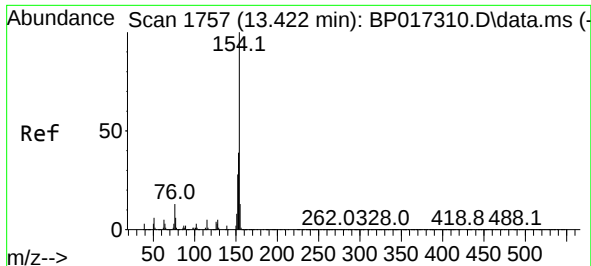


#37
1-Methylnaphthalene
Concen: 92.162 ng/ul
RT: 12.633 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP017316.D
Acq: 25 Sep 2023 12:19



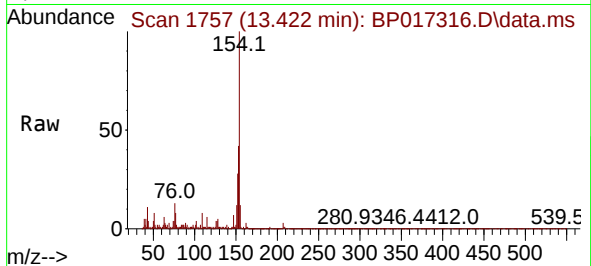
Tgt Ion:142 Resp: 1873607
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 4.0 3.1 4.7





#43
1,1'-Biphenyl
Concen: 2.983 ng/ul
RT: 13.422 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BP017316.D
Acq: 25 Sep 2023 12:19

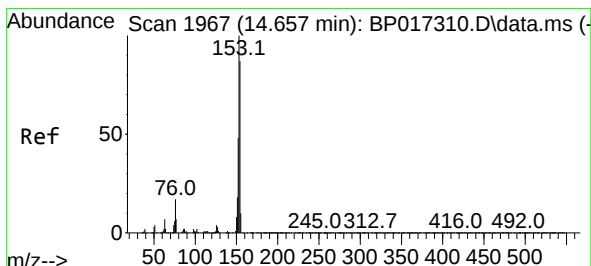
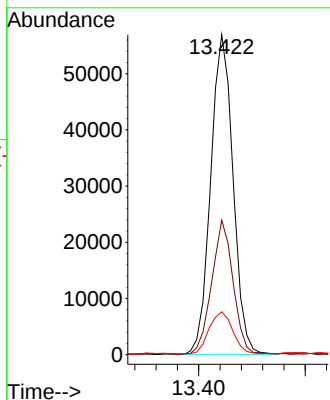
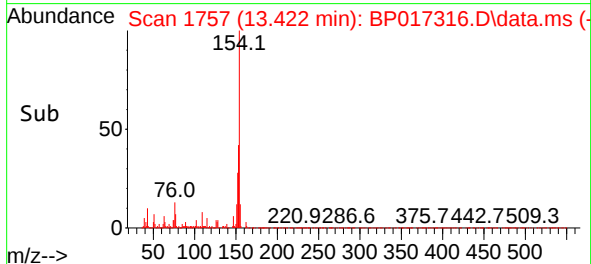
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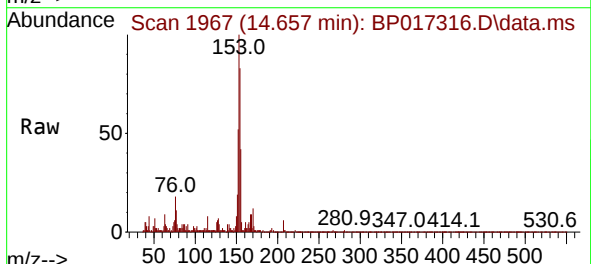
Tgt Ion:154 Resp: 8276
Ion Ratio Lower Upper
154 100
153 42.0 31.5 47.3
76 13.4 11.0 16.6

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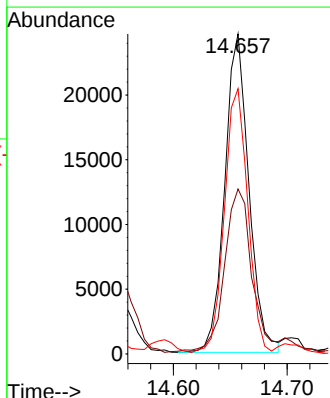
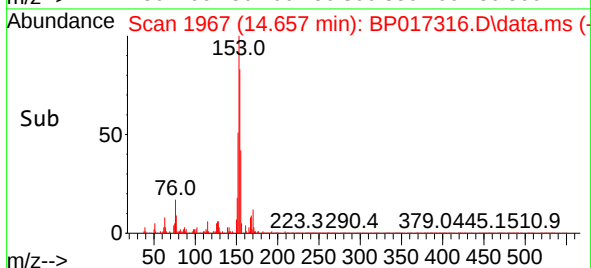
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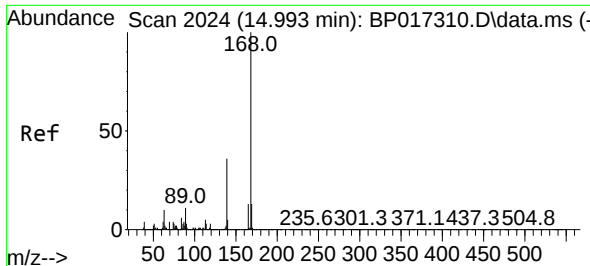


#52
Acenaphthene
Concen: 1.560 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP017316.D
Acq: 25 Sep 2023 12:19



Tgt Ion:153 Resp: 36300
Ion Ratio Lower Upper
153 100
152 51.6 38.0 57.0
154 82.9 70.1 105.1





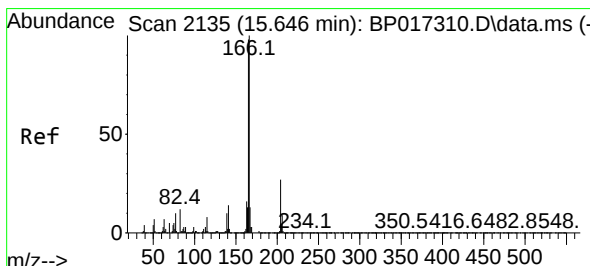
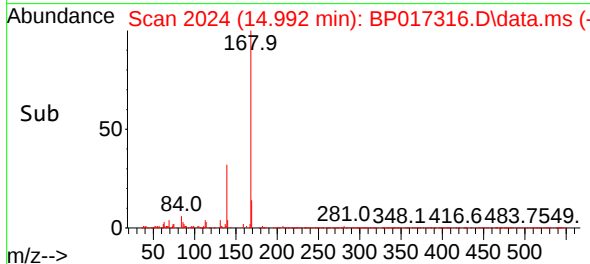
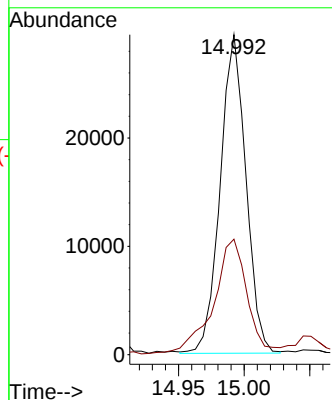
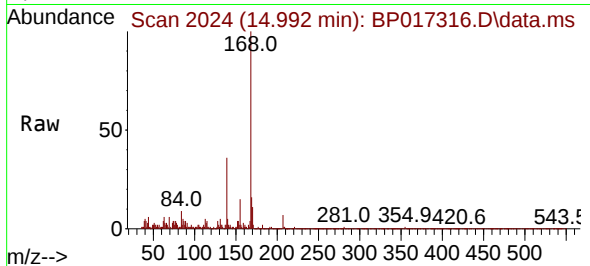
#56
Dibenzenofuran
Concen: 1.258 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP017316.D
Acq: 25 Sep 2023 12:19

Instrument :
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Tgt Ion:168 Resp: 4009
Ion Ratio Lower Upper
168 100
139 36.1 30.6 45.8

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#61
Fluorene
Concen: 2.285 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP017316.D
Acq: 25 Sep 2023 12:19

Tgt Ion:166 Resp: 59159
Ion Ratio Lower Upper
166 100
165 101.8 77.8 116.6
167 14.3 10.9 16.3

