

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014804.D
 Acq On : 21 Apr 2023 23:04
 Operator : CG/JU
 Sample : 02296-21DL2 50X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBN2DL2

Quant Time: Apr 21 23:57:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	373629	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	1627592m	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	996277	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	2085522	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1390584	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1430481	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.293	99	4584	0.142	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	15150	0.760	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	10927	0.455	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	7470	0.297	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	6968	0.683	ng/u1	0.00
24) 2-Nitrophenol-d4	10.051	143	4776	0.518	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	11208	0.448	ng/u1	0.00
31) 4-Chloroaniline-d4	11.122	131	8808	0.231	ng/u1	0.01
46) Dimethylphthalate-d6	14.181	166	54710	0.694	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	52208	0.571	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.769	176	47234	0.698	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.628	188	70627	0.701	ng/u1	0.00
81) Pyrene-d10	19.839	212	64251	0.807	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	40578	0.547	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.046	128	17066479	187.097	ng/u1	98
36) 2-Methylnaphthalene	12.628	142	1539118	25.275	ng/u1	99
37) 1-Methylnaphthalene	12.840	142	714879	11.842	ng/u1	99
43) 1,1'-Biphenyl	13.622	154	231409	2.864	ng/u1	98
52) Acenaphthene	14.845	153	742180	10.986	ng/u1	99
56) Dibenzofuran	15.175	168	616615	6.485	ng/u1	99
61) Fluorene	15.828	166	216384	2.788	ng/u1	97
72) Phenanthrene	17.575	178	294423	2.505	ng/u1	99
77) Carbazole	17.922	167	522908	4.999	ng/u1	100

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

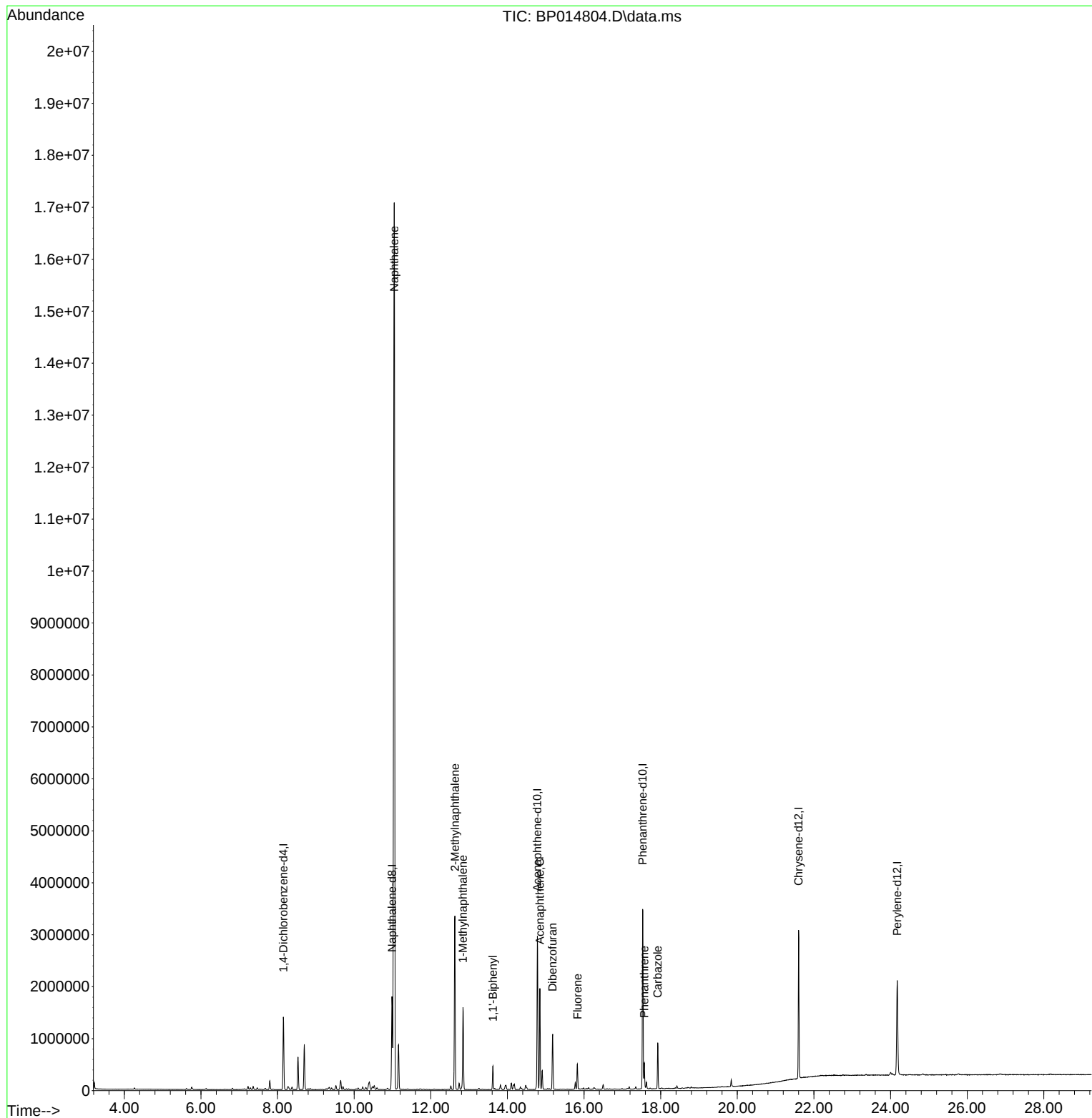
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014804.D
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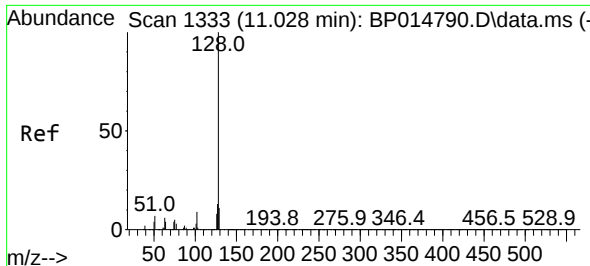
Instrument :
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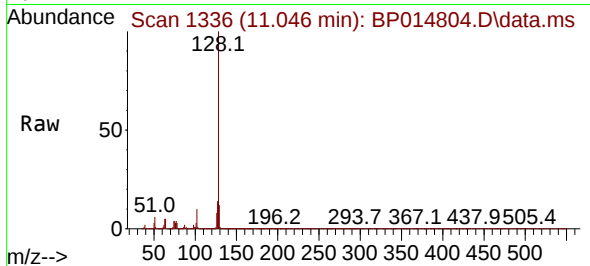
Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023





#30
Naphthalene
Concen: 187.097 ng/ul
RT: 11.046 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP014804.D
Acq: 21 Apr 2023 23:04

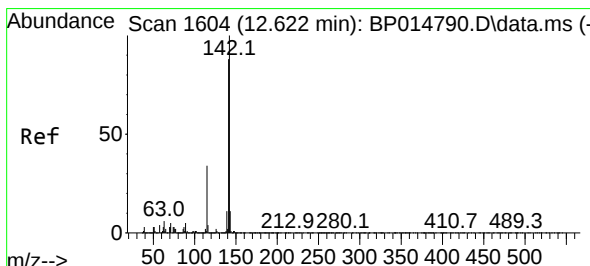
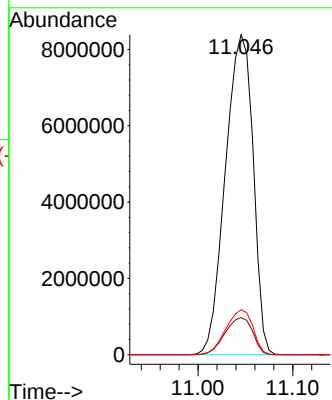
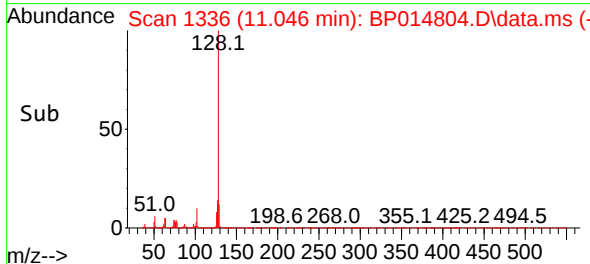
Instrument :
BNA_P
ClientSampleId :
DCBN2DL2



Tgt Ion:128 Resp:17066479
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 14.1 10.4 15.6

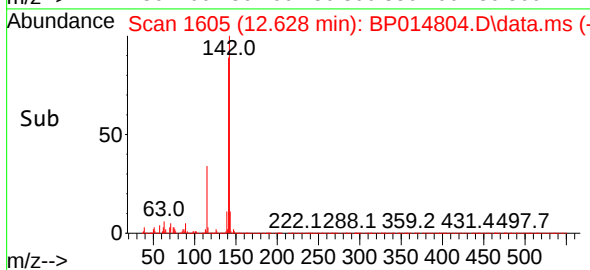
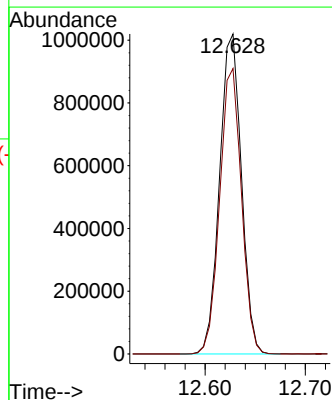
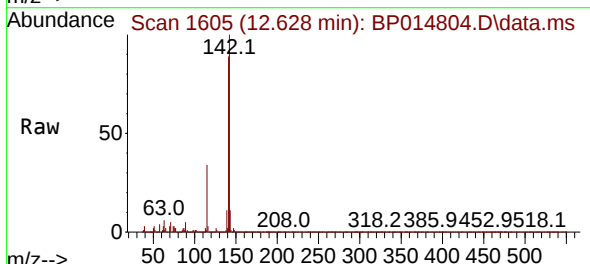
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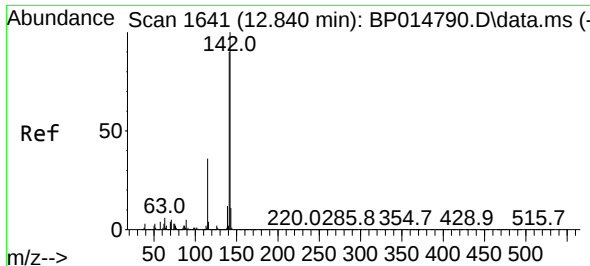
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#36
2-Methylnaphthalene
Concen: 25.275 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP014804.D
Acq: 21 Apr 2023 23:04

Tgt Ion:142 Resp: 1539118
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3





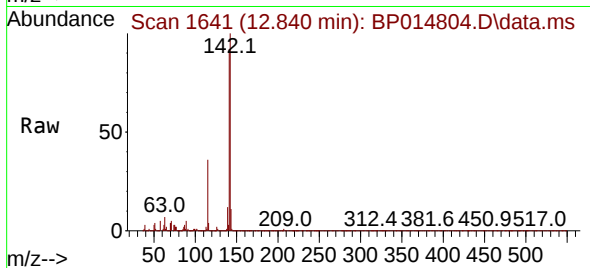
#37
1-Methylnaphthalene
Concen: 11.842 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014804.D
Acq: 21 Apr 2023 23:04

Instrument :

BNA_P

ClientSampleId :

DCBN2DL2

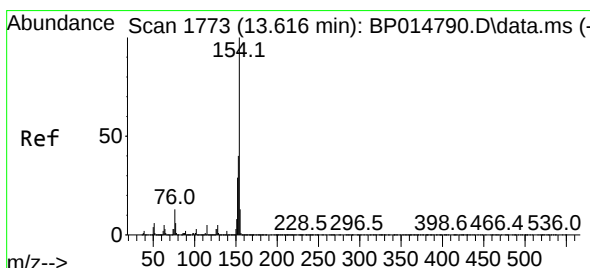
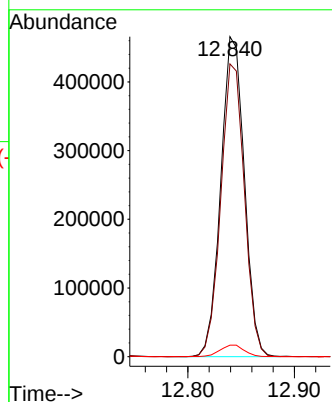
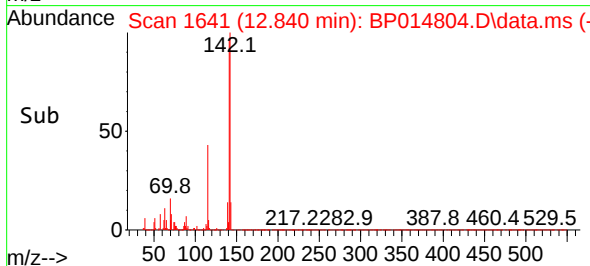


Tgt Ion:142 Resp: 714879
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6
116 3.6 3.3 4.9

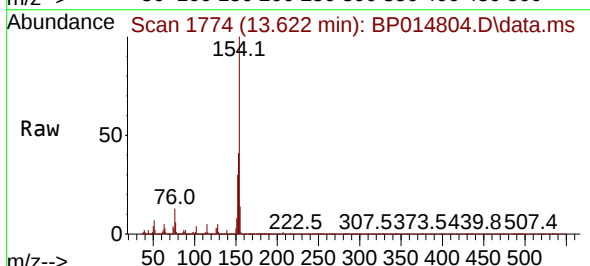
Manual Integrations

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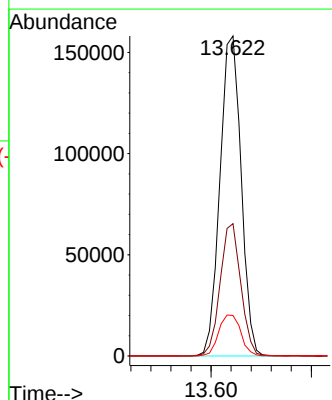
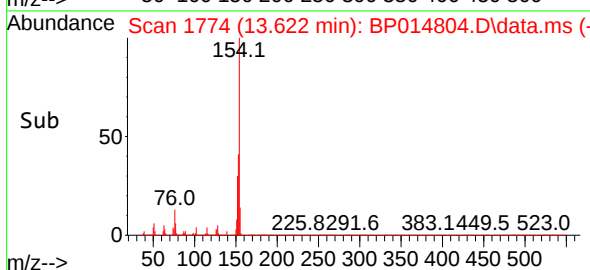
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

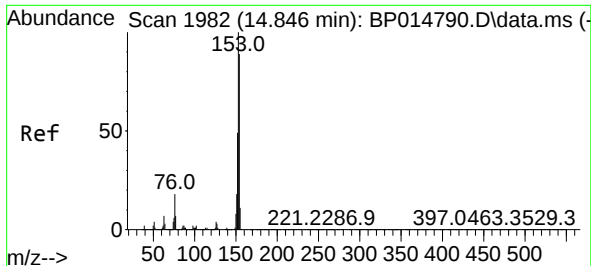


#43
1,1'-Biphenyl
Concen: 2.864 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BP014804.D
Acq: 21 Apr 2023 23:04



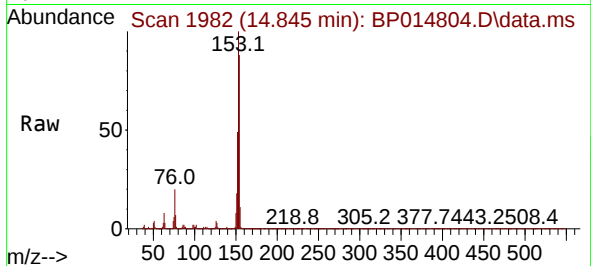
Tgt Ion:154 Resp: 231409
Ion Ratio Lower Upper
154 100
153 41.4 31.9 47.9
76 12.7 10.8 16.2





#52
Acenaphthene
Concen: 10.986 ng/u1
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014804.D
Acq: 21 Apr 2023 23:04

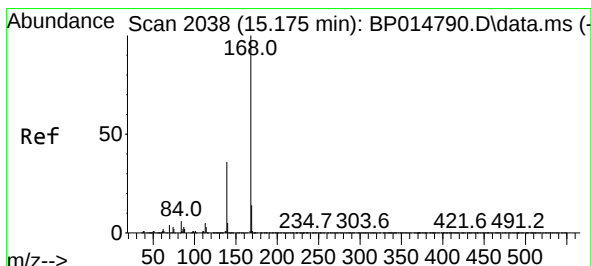
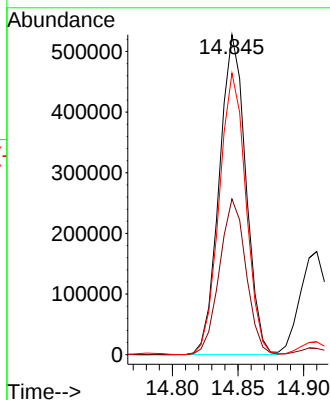
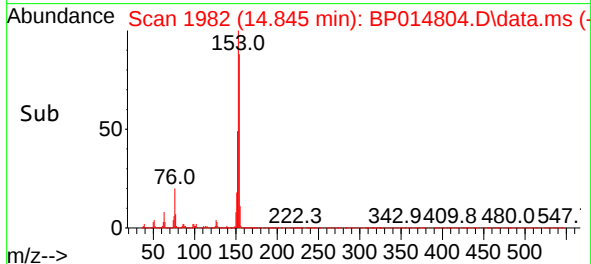
Instrument :
BNA_P
ClientSampleId :
DCBN2DL2



Tgt Ion:153 Resp: 742180
Ion Ratio Lower Upper
153 100
152 48.6 38.4 57.6
154 88.0 69.8 104.8

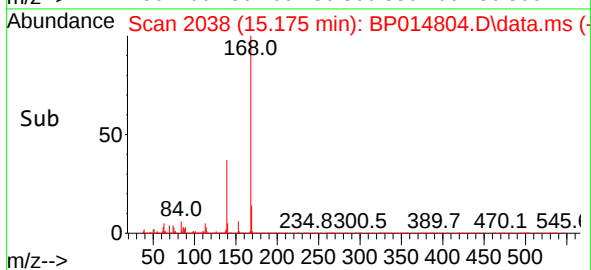
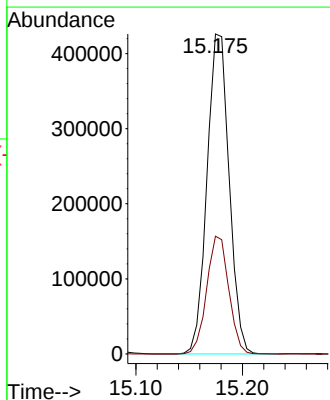
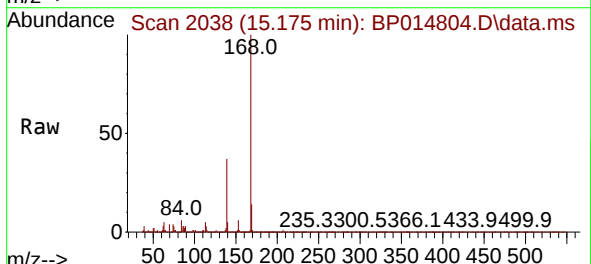
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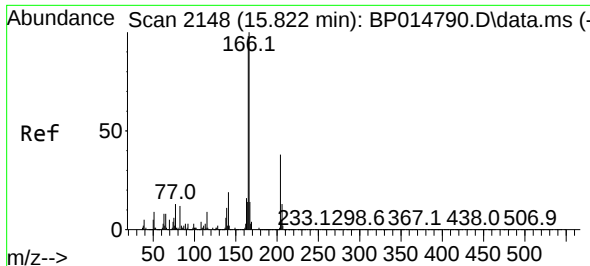
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#56
Dibenzofuran
Concen: 6.485 ng/u1
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014804.D
Acq: 21 Apr 2023 23:04

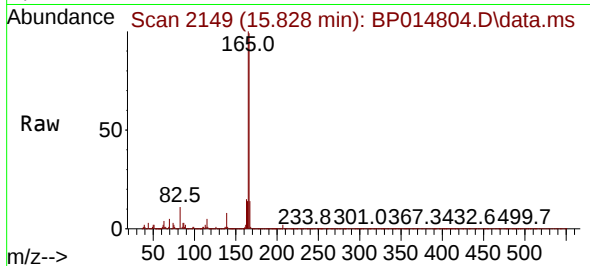
Tgt Ion:168 Resp: 616615
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8





#61
Fluorene
Concen: 2.788 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP014804.D
Acq: 21 Apr 2023 23:04

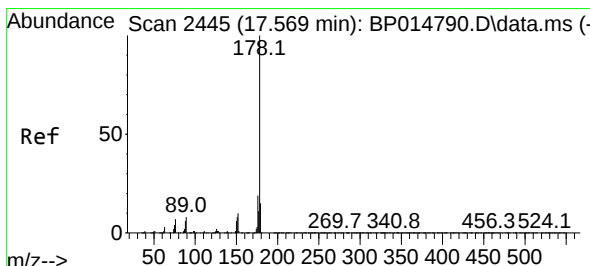
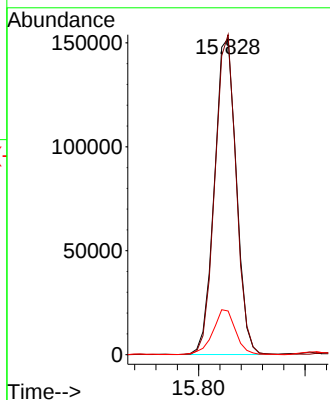
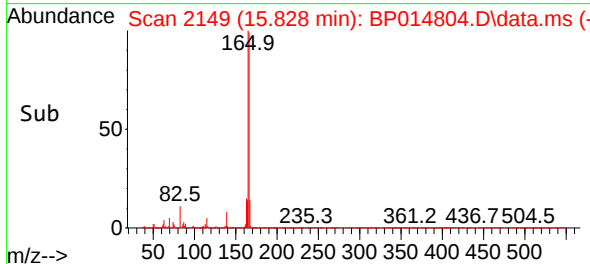
Instrument :
BNA_P
ClientSampleId :
DCBN2DL2



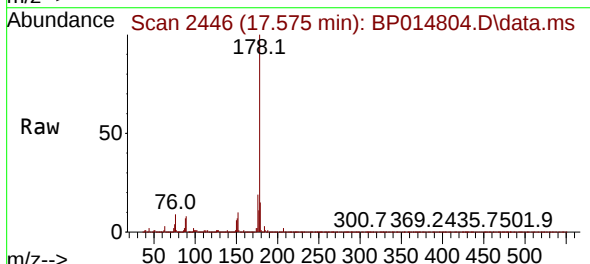
Tgt Ion:166 Resp: 216384
Ion Ratio Lower Upper
166 100
165 101.2 78.6 117.8
167 13.8 10.5 15.7

Manual Integrations
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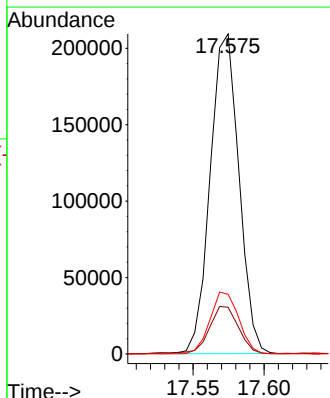
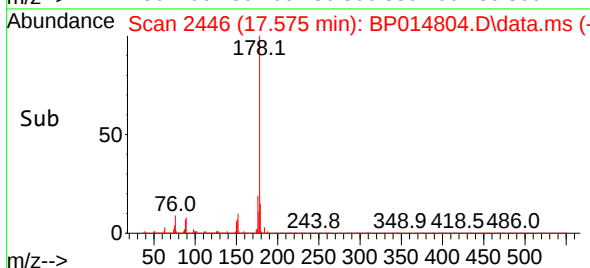
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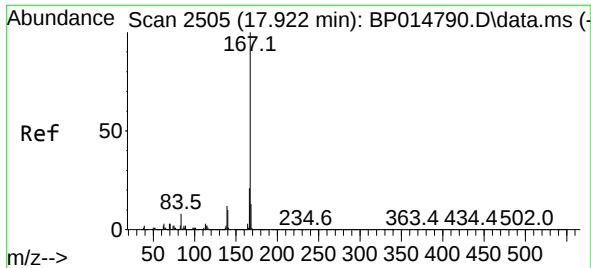


#72
Phenanthrene
Concen: 2.505 ng/ul
RT: 17.575 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BP014804.D
Acq: 21 Apr 2023 23:04



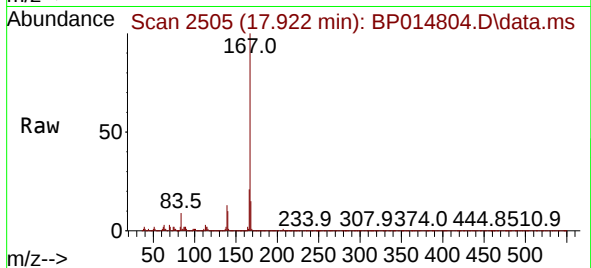
Tgt Ion:178 Resp: 294423
Ion Ratio Lower Upper
178 100
179 14.6 12.1 18.1
176 18.7 15.3 22.9





#77
 Carbazole
 Concen: 4.999 ng/ul
 RT: 17.922 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014804.D
 Acq: 21 Apr 2023 23:04

Instrument :
 BNA_P
 ClientSampleId :
 DCBN2DL2



Tgt Ion:167 Resp: 522908
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.8 10.2 15.2

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