

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014807.D
 Acq On : 22 Apr 2023 00:45
 Operator : CG/JU
 Sample : 02296-23DL2 50X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBN6DL2

Quant Time: Apr 22 01:38:04 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

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

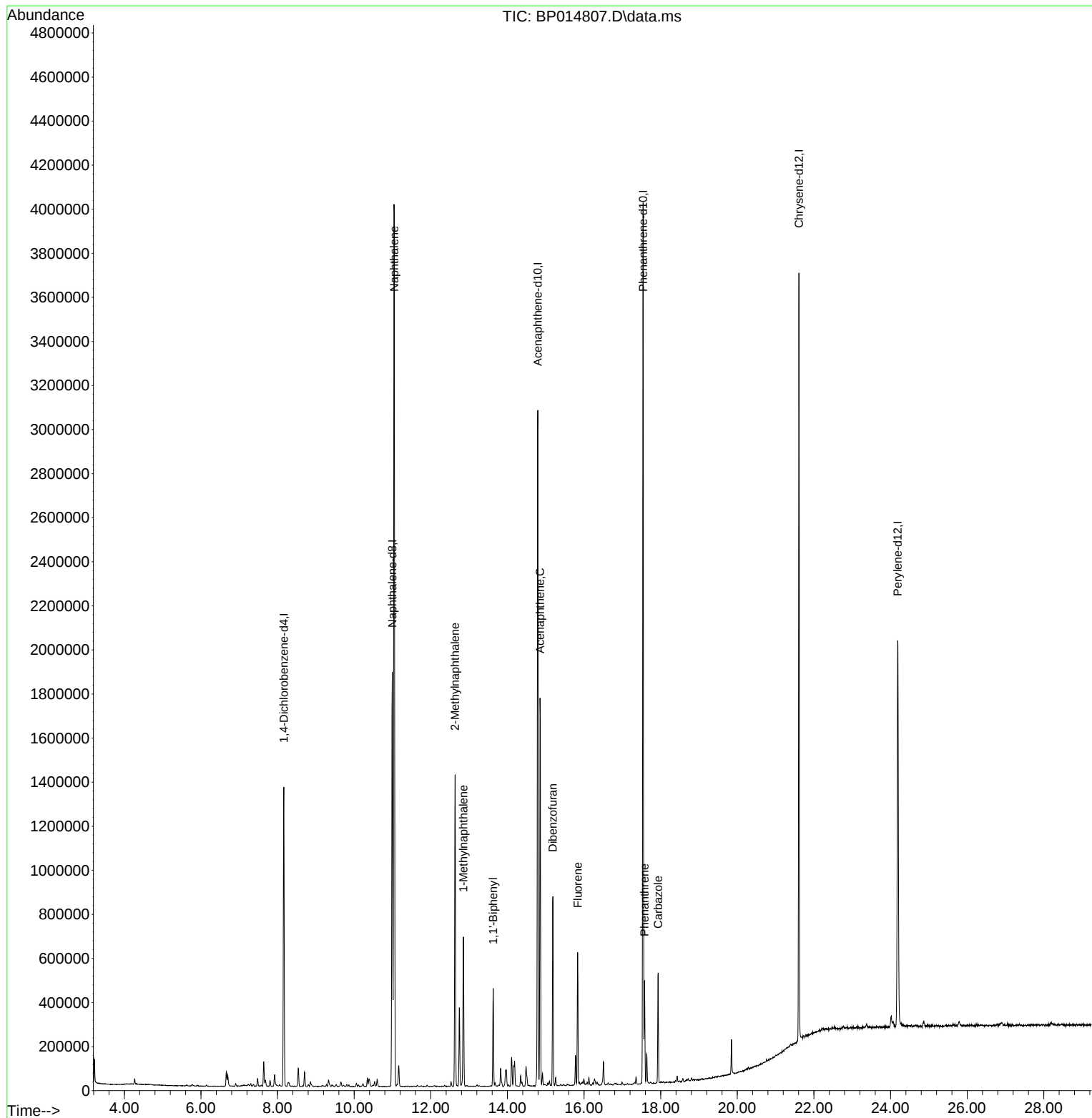
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	361806	20.000	ng/u1	0.01
20) Naphthalene-d8	10.993	136	1549644	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.792	164	1021611	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.539	188	2279188	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	1630919	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1376506	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	7.299	99	4044	0.129	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.475	67	14875	0.771	ng/u1	0.00
11) 2-Chlorophenol-d4	7.681	132	10160	0.437	ng/u1	0.00
15) 4-Methylphenol-d8	8.863	113	7086	0.291	ng/u1	0.01
21) Nitrobenzene-d5	9.328	128	6446	0.664	ng/u1	0.00
24) 2-Nitrophenol-d4	10.057	143	4353	0.496	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.598	165	10688	0.449	ng/u1	0.00
31) 4-Chloroaniline-d4	11.122	131	5208	0.143	ng/u1	0.01
46) Dimethylphthalate-d6	14.186	166	58515	0.723	ng/u1	0.00
49) Acenaphthylene-d8	14.486	160	54105	0.577	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.775	176	51536	0.742	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.633	188	78370	0.712	ng/u1	0.00
81) Pyrene-d10	19.845	212	79197	0.848	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	39964	0.560	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.045	128	3323361	38.266	ng/u1	99
36) 2-Methylnaphthalene	12.634	142	632833	10.915	ng/u1	100
37) 1-Methylnaphthalene	12.851	142	307020	5.341	ng/u1	98
43) 1,1'-Biphenyl	13.628	154	219371	2.648	ng/u1	99
52) Acenaphthene	14.851	153	683825	9.871	ng/u1	99
56) Dibenzofuran	15.186	168	541859	5.558	ng/u1	97
61) Fluorene	15.833	166	247708	3.112	ng/u1	98
72) Phenanthrene	17.580	178	272026	2.118	ng/u1	100
77) Carbazole	17.933	167	295052	2.581	ng/u1	99

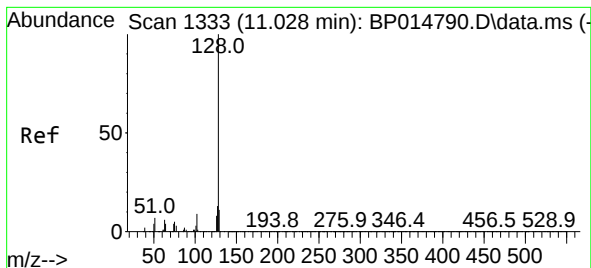
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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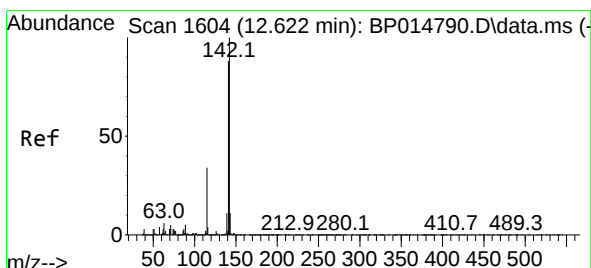
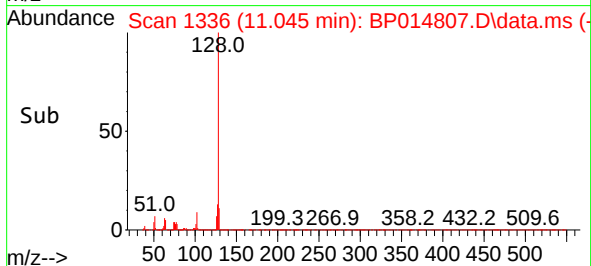
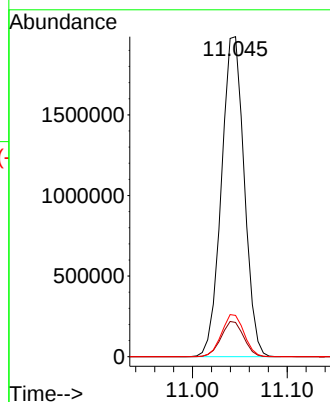
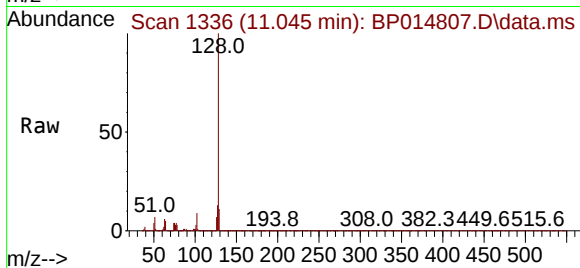




#30
Naphthalene
Concen: 38.266 ng/ul
RT: 11.045 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP014807.D
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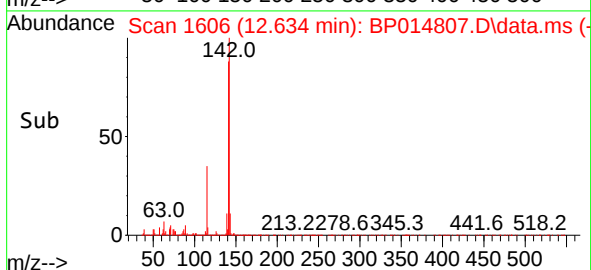
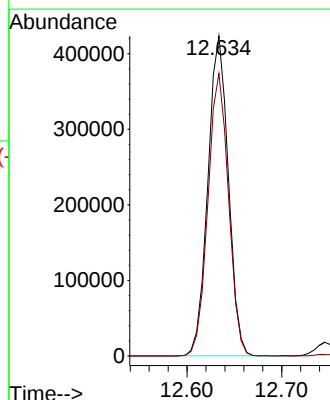
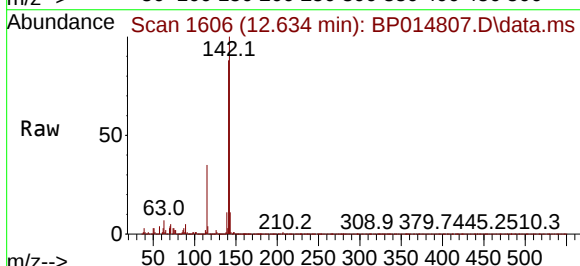
Instrument :
BNA_P
ClientSampleId :
DCBN6DL2

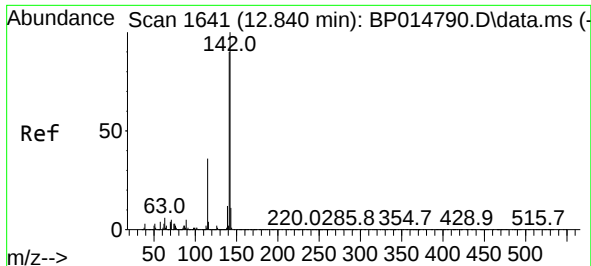
Tgt Ion:128 Resp: 3323361
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.4 15.6



#36
2-Methylnaphthalene
Concen: 10.915 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP014807.D
Acq: 22 Apr 2023 00:45

Tgt Ion:142 Resp: 632833
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3

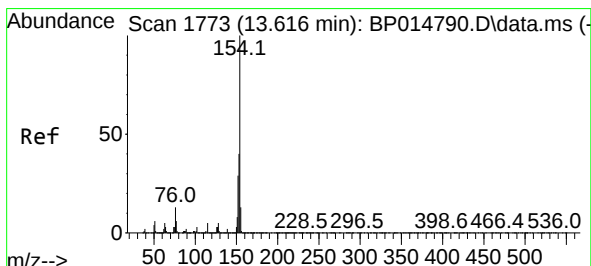
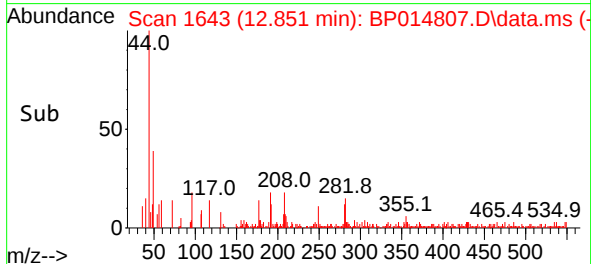
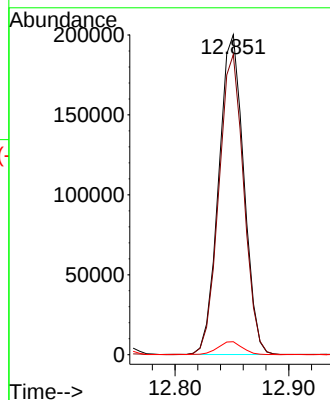
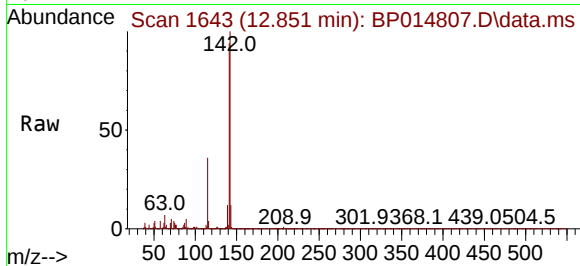




#37
1-Methylnaphthalene
Concen: 5.341 ng/ul
RT: 12.851 min Scan# 1643
Delta R.T. 0.012 min
Lab File: BP014807.D
Acq: 22 Apr 2023 00:45

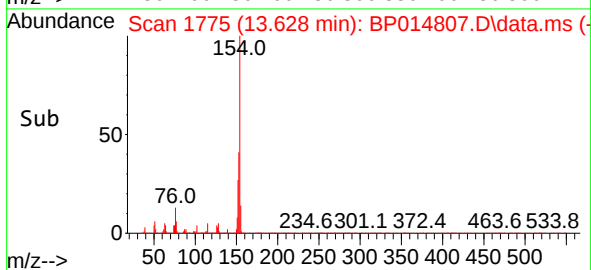
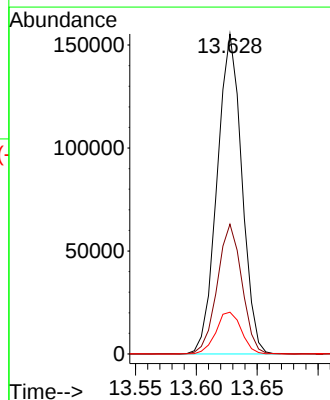
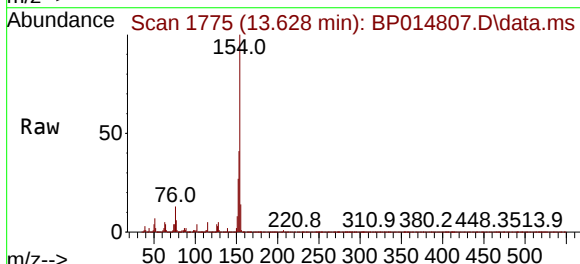
Instrument :
BNA_P
ClientSampleId :
DCBN6DL2

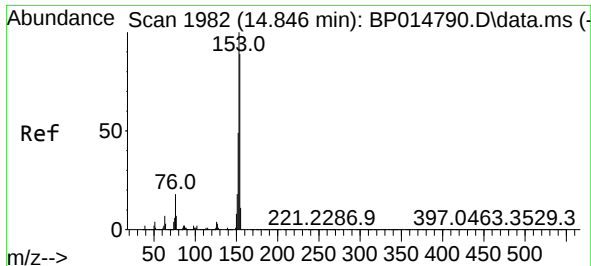
Tgt Ion:142 Resp: 307020
Ion Ratio Lower Upper
142 100
141 93.8 73.8 110.6
116 4.1 3.3 4.9



#43
1,1'-Biphenyl
Concen: 2.648 ng/ul
RT: 13.628 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BP014807.D
Acq: 22 Apr 2023 00:45

Tgt Ion:154 Resp: 219371
Ion Ratio Lower Upper
154 100
153 40.6 31.9 47.9
76 13.1 10.8 16.2

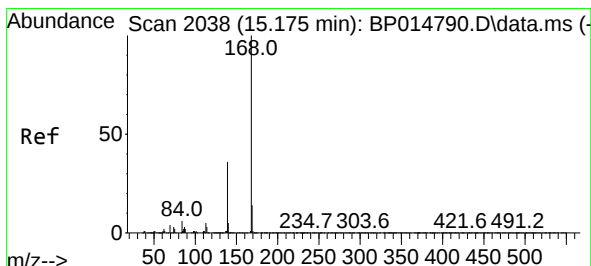
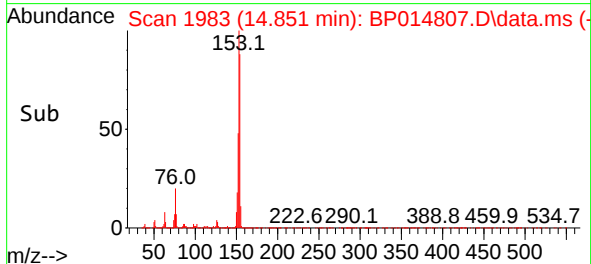
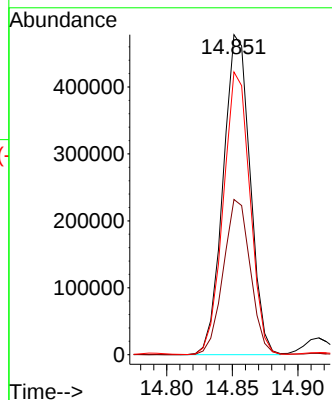
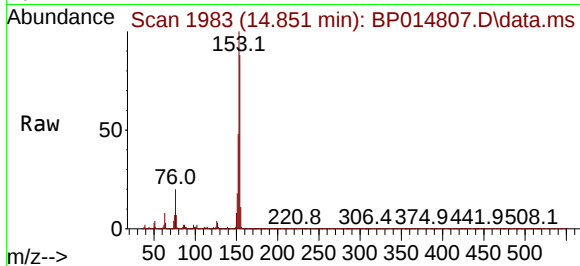




#52
Acenaphthene
Concen: 9.871 ng/ul
RT: 14.851 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BP014807.D
Acq: 22 Apr 2023 00:45

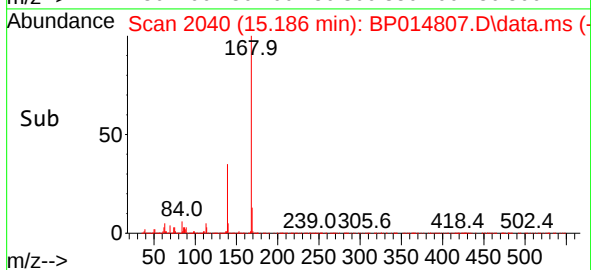
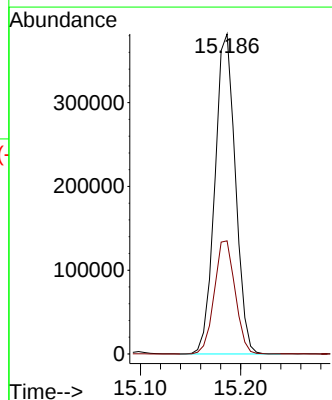
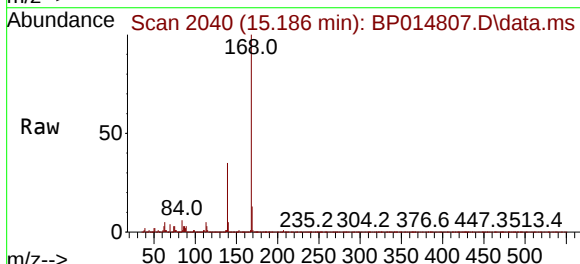
Instrument :
BNA_P
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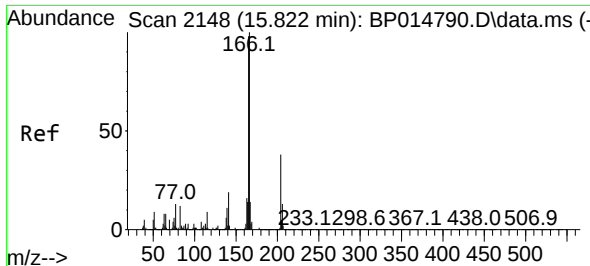
Tgt Ion:153 Resp: 683825
Ion Ratio Lower Upper
153 100
152 48.5 38.4 57.6
154 88.4 69.8 104.8



#56
Dibenzofuran
Concen: 5.558 ng/ul
RT: 15.186 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BP014807.D
Acq: 22 Apr 2023 00:45

Tgt Ion:168 Resp: 541859
Ion Ratio Lower Upper
168 100
139 35.3 29.8 44.8

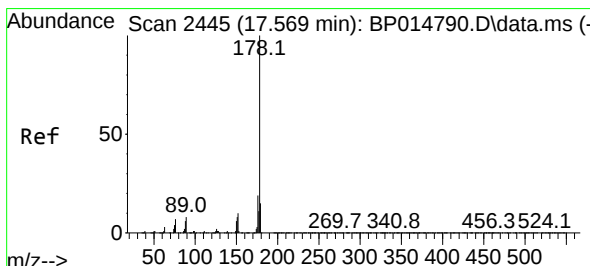
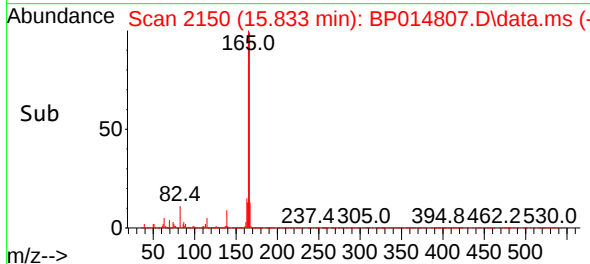
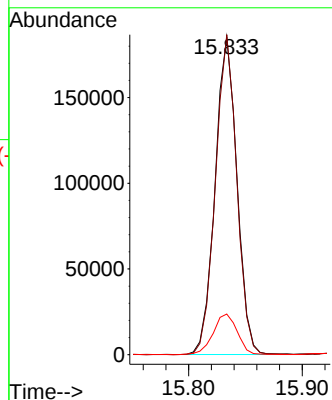
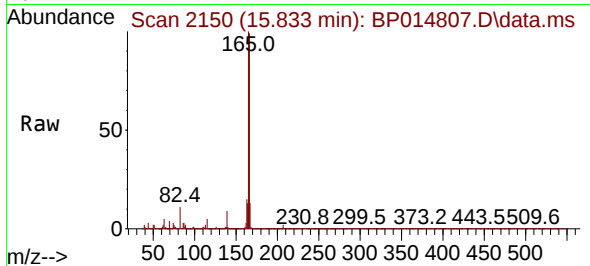




#61
Fluorene
Concen: 3.112 ng/ul
RT: 15.833 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BP014807.D
Acq: 22 Apr 2023 00:45

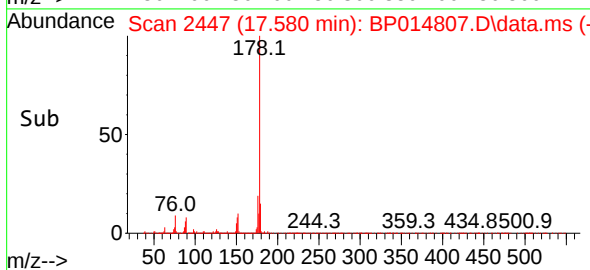
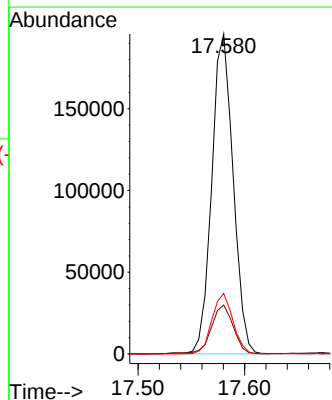
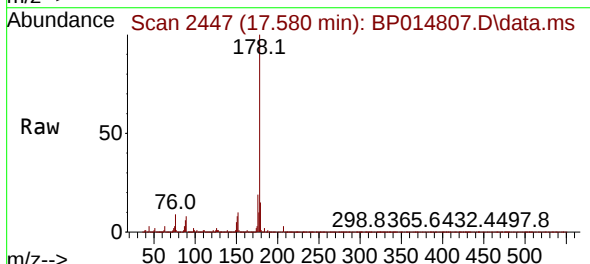
Instrument :
BNA_P
ClientSampleId :
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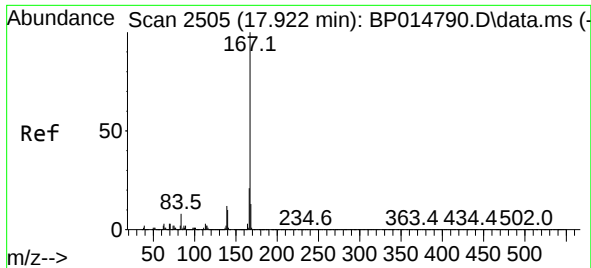
Tgt Ion:166 Resp: 247708
Ion Ratio Lower Upper
166 100
165 100.7 78.6 117.8
167 12.8 10.5 15.7



#72
Phenanthrene
Concen: 2.118 ng/ul
RT: 17.580 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP014807.D
Acq: 22 Apr 2023 00:45

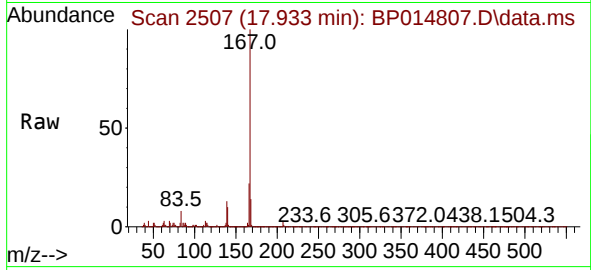
Tgt Ion:178 Resp: 272026
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.9 15.3 22.9





#77
 Carbazole
 Concen: 2.581 ng/ul
 RT: 17.933 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP014807.D
 Acq: 22 Apr 2023 00:45

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:167 Resp: 295052
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.4
 139 12.8 10.2 15.2

