

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
 Data File : BP017404.D
 Acq On : 27 Sep 2023 18:51
 Operator : MA/JU
 Sample : 04359-08 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JLAD6

Quant Time: Sep 27 22:32:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

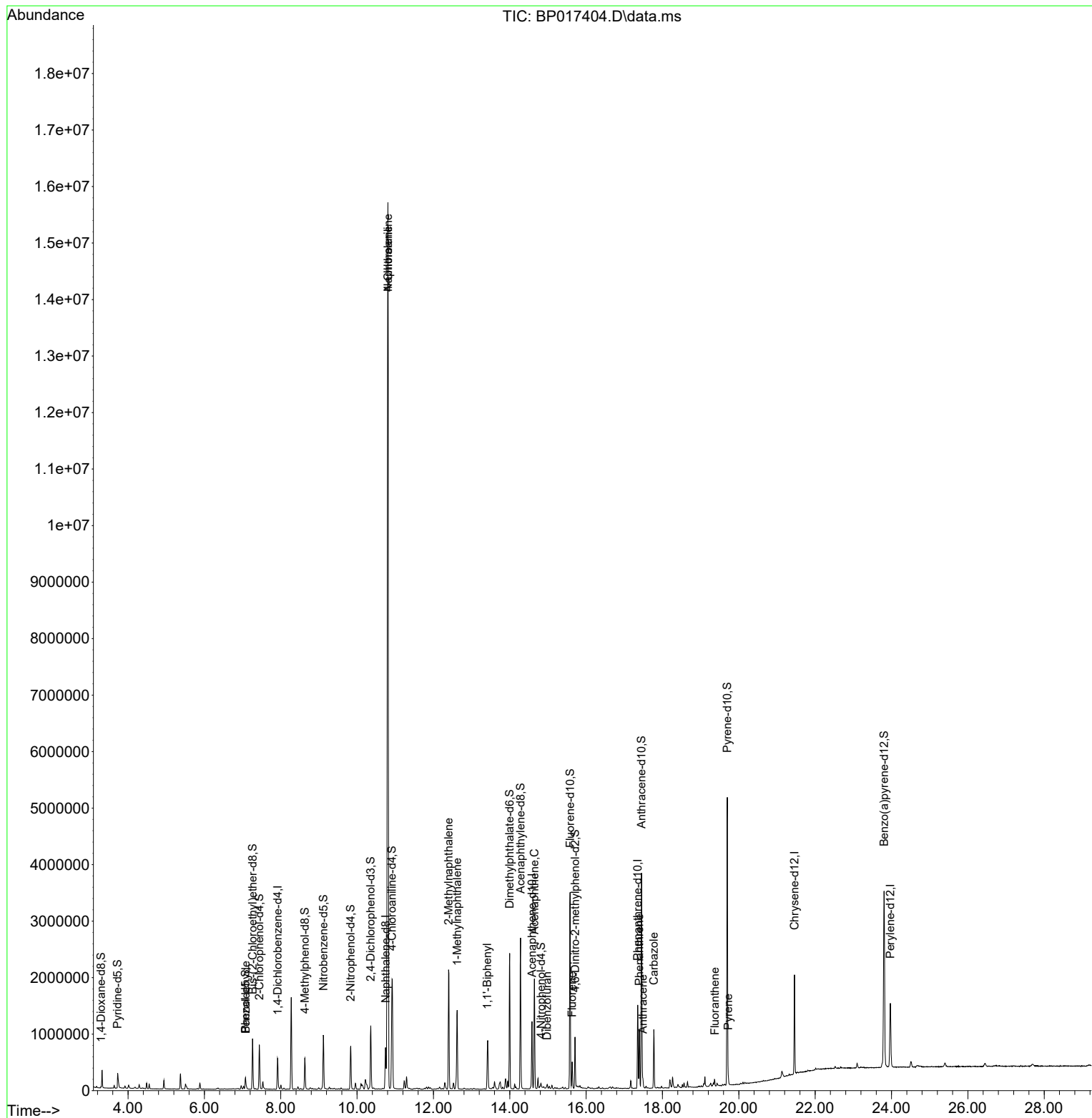
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	143066	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	623255	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	378246	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	844798	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	766262	20.000	ng/ul	0.00
88) Perylene-d12	23.969	264	831757	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	10256	2.945	ng/uL	0.00
4) Pyridine-d5	3.728	84	141289	14.510	ng/ul	0.00
7) Phenol-d5	7.075	99	104011	8.852	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	361565	50.989	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	336662	36.125	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	206837	22.642	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	225449	50.036	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.834	143	232177	47.456	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	397450	42.999	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	466295	34.825	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	1492255	55.072	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1586529	50.909	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	25339	5.368	ng/ul	0.00
60) Fluorene-d10	15.581	176	1293575	55.453	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	173740	36.489	ng/ul	0.00
73) Anthracene-d10	17.451	188	2097255	55.975	ng/ul	0.00
81) Pyrene-d10	19.698	212	2468649	59.575	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	2338774	58.401	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.081	77	12264	2.045	ng/ul	91
30) Naphthalene	10.810	128	14810870	456.386	ng/ul	98
32) 4-Chloroaniline	10.810	127	2023259	157.684	ng/ul#	11
36) 2-Methylnaphthalene	12.399	142	928654	43.844	ng/ul	99
37) 1-Methylnaphthalene	12.622	142	604147	27.903	ng/ul	100
43) 1,1'-Biphenyl	13.410	154	194606	6.781	ng/ul	97
52) Acenaphthene	14.646	153	735602	30.565	ng/ul	99
56) Dibenzofuran	14.981	168	42633	1.294	ng/ul	98
61) Fluorene	15.634	166	193760	7.236	ng/ul	99
72) Phenanthrene	17.392	178	598405	13.524	ng/ul	99
74) Anthracene	17.487	178	81550	1.819	ng/ul	99
77) Carbazole	17.775	167	593445	14.878	ng/ul	98
80) Fluoranthene	19.369	202	66104	1.368	ng/ul	99
82) Pyrene	19.722	202	75559	1.471	ng/ul#	95

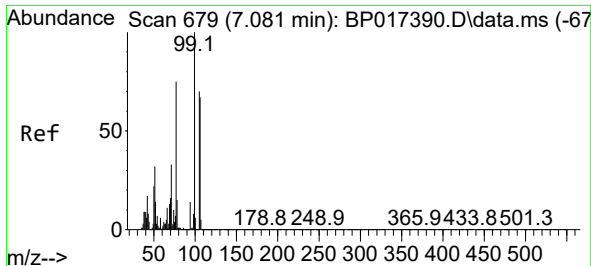
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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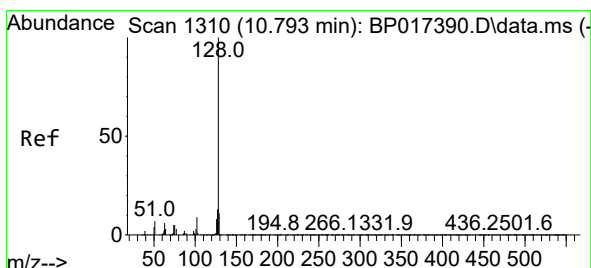
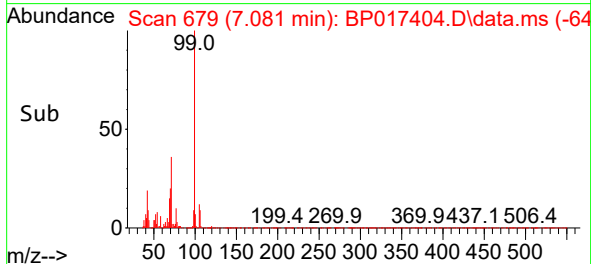
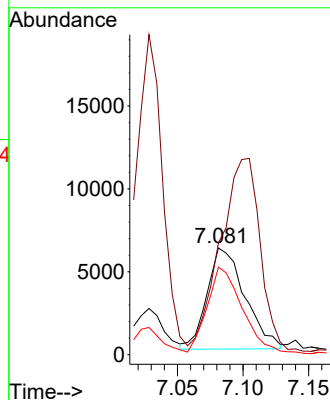
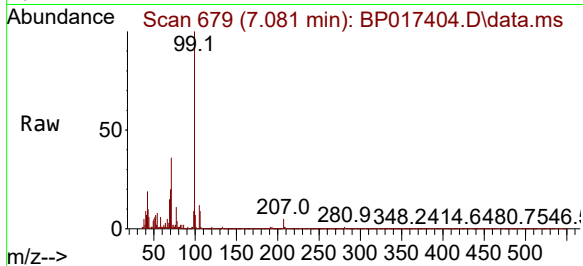




#6
Benzaldehyde
Concen: 2.045 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017404.D
Acq: 27 Sep 2023 18:51

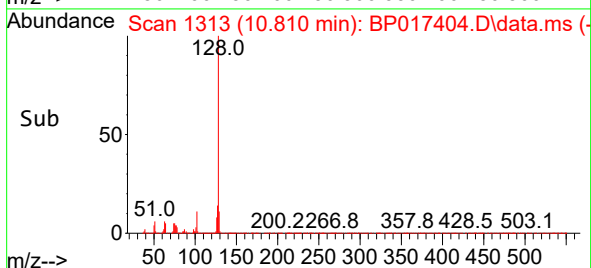
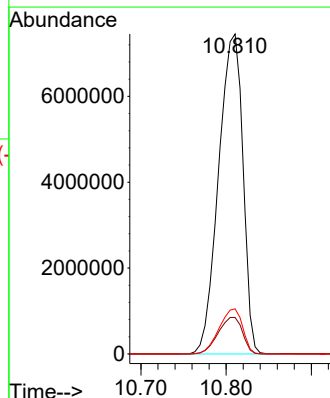
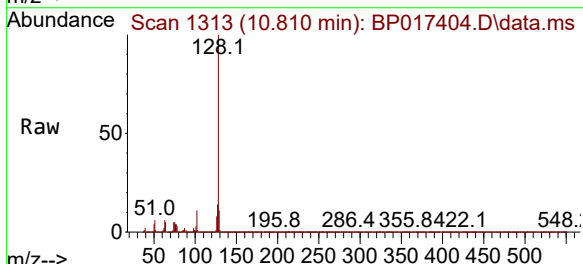
Instrument :
BNA_P
ClientSampleId :
JLAD6

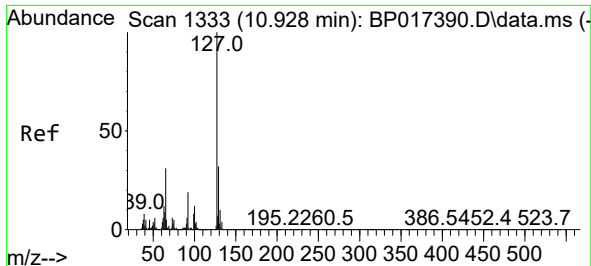
Tgt Ion: 77 Resp: 12264
Ion Ratio Lower Upper
77 100
105 104.8 78.0 117.0
106 82.1 73.2 109.8



#30
Naphthalene
Concen: 456.386 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. 0.012 min
Lab File: BP017404.D
Acq: 27 Sep 2023 18:51

Tgt Ion:128 Resp:14810870
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 14.1 10.6 15.8

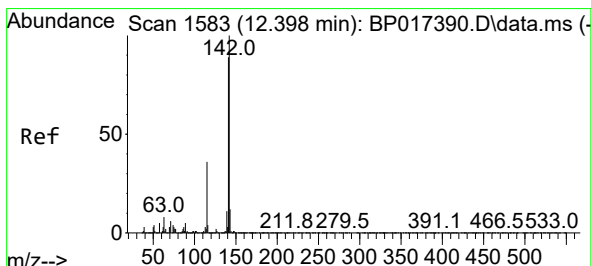
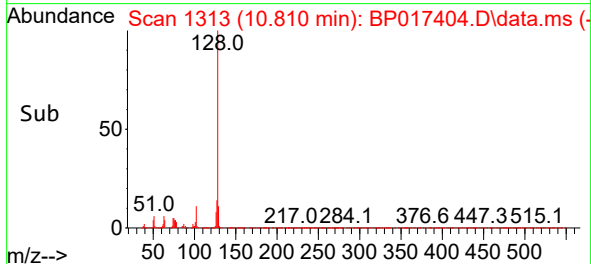
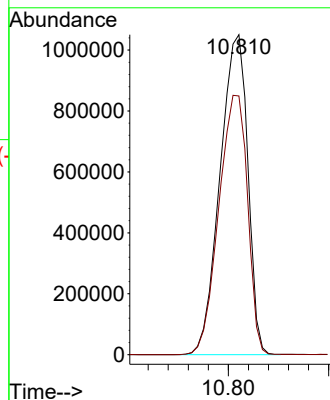
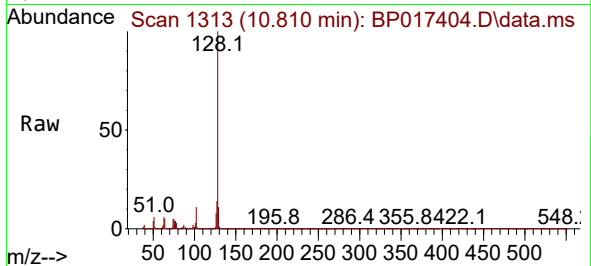




#32
4-Chloroaniline
Concen: 157.684 ng/ul
RT: 10.810 min Scan# 111
Delta R.T. -0.129 min
Lab File: BP017404.D
Acq: 27 Sep 2023 18:51

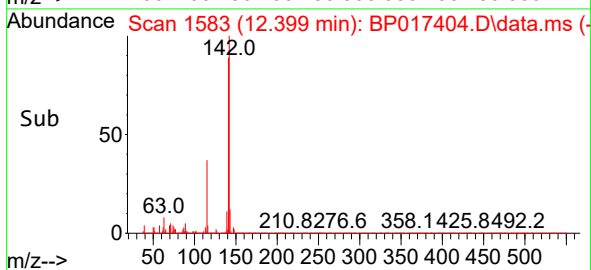
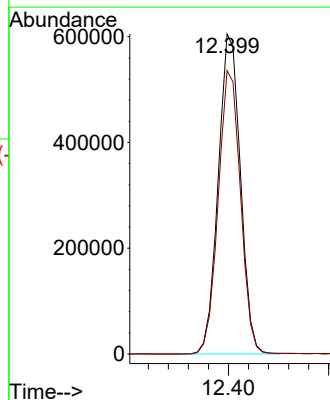
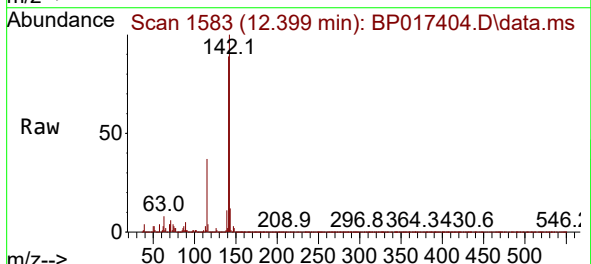
Instrument :
BNA_P
ClientSampleId :
JLAD6

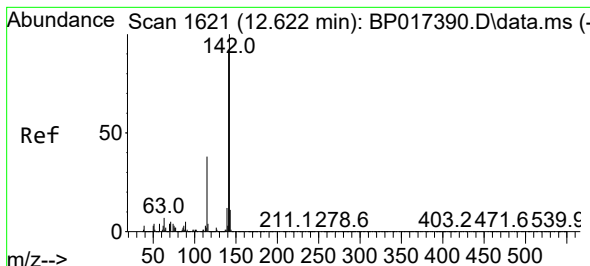
Tgt Ion:127 Resp: 2023259
Ion Ratio Lower Upper
127 100
129 80.8 25.1 37.7#



#36
2-Methylnaphthalene
Concen: 43.844 ng/ul
RT: 12.399 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BP017404.D
Acq: 27 Sep 2023 18:51

Tgt Ion:142 Resp: 928654
Ion Ratio Lower Upper
142 100
141 88.5 71.9 107.9





#37

1-Methylnaphthalene

Concen: 27.903 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

Instrument :

BNA_P

ClientSampleId :

JLAD6

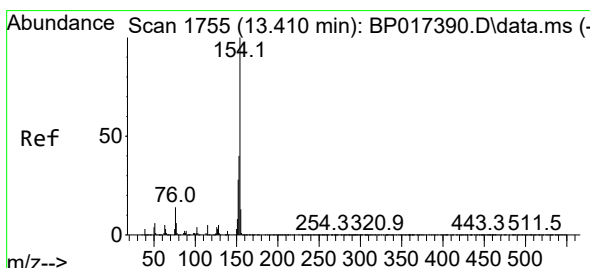
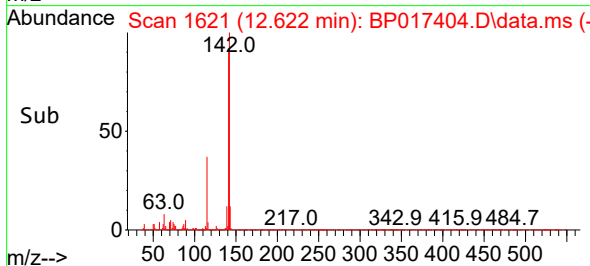
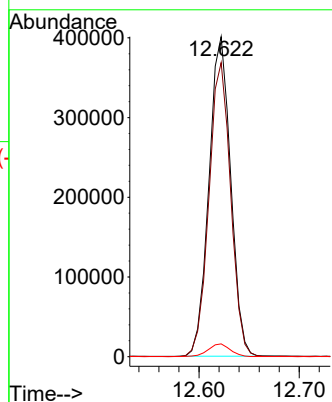
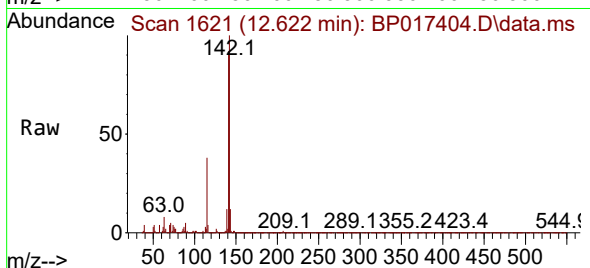
Tgt Ion:142 Resp: 604147

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2

116 4.0 3.1 4.7



#43

1,1'-Biphenyl

Concen: 6.781 ng/ul

RT: 13.410 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

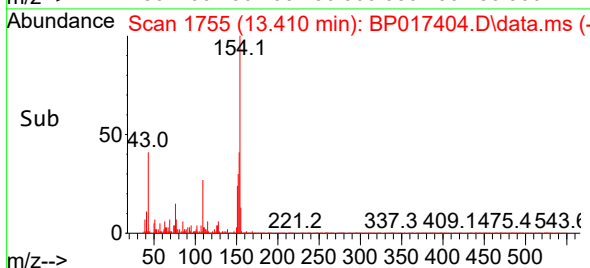
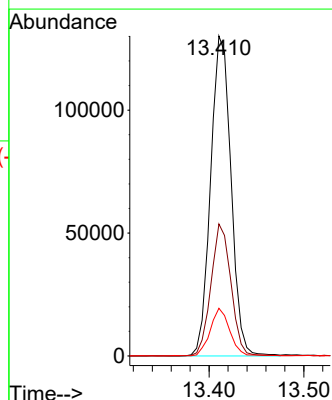
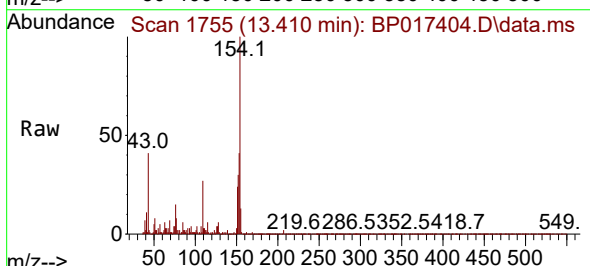
Tgt Ion:154 Resp: 194606

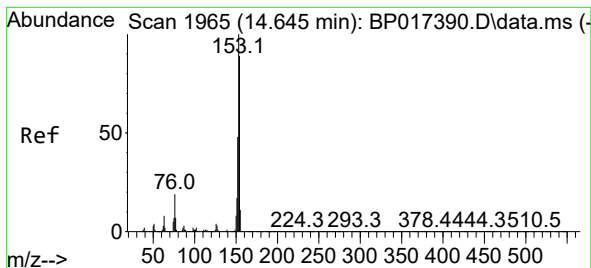
Ion Ratio Lower Upper

154 100

153 41.2 31.5 47.3

76 14.9 11.0 16.6





#52

Acenaphthene

Concen: 30.565 ng/ul

RT: 14.646 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

Instrument :

BNA_P

ClientSampleId :

JLAD6

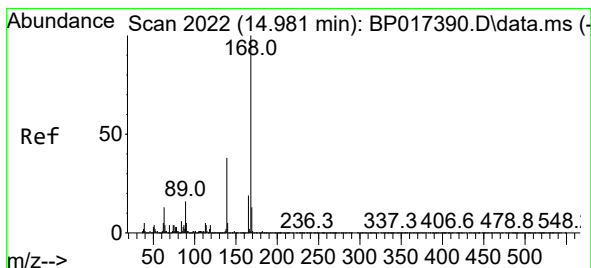
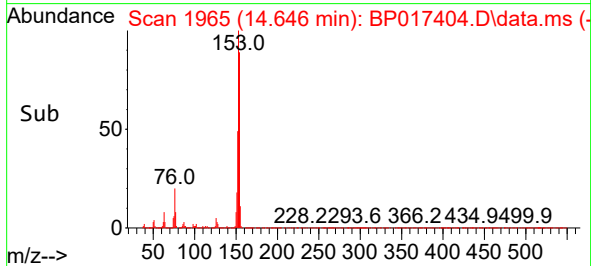
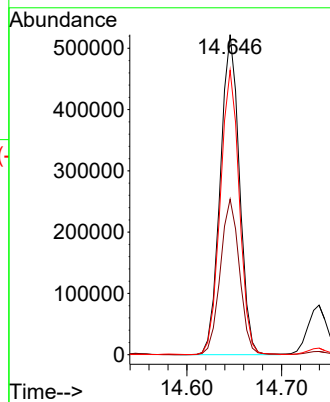
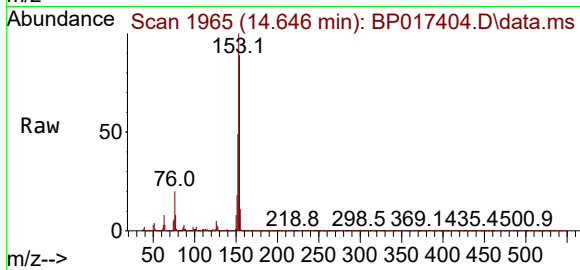
Tgt Ion:153 Resp: 735602

Ion Ratio Lower Upper

153 100

152 48.6 38.0 57.0

154 88.9 70.1 105.1



#56

Dibenzofuran

Concen: 1.294 ng/ul

RT: 14.981 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BP017404.D

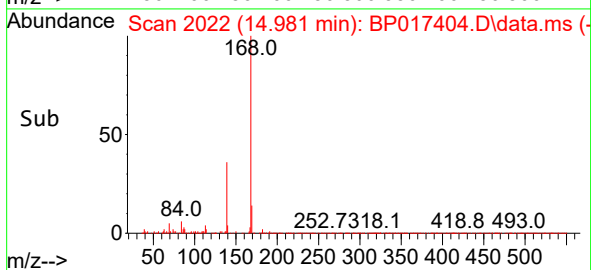
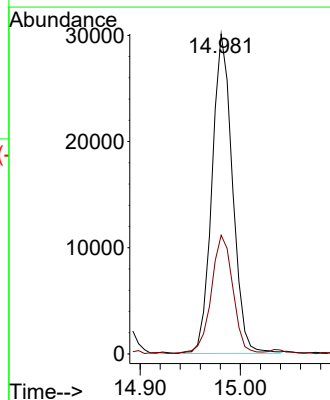
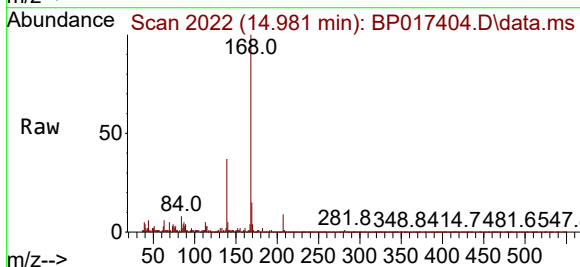
Acq: 27 Sep 2023 18:51

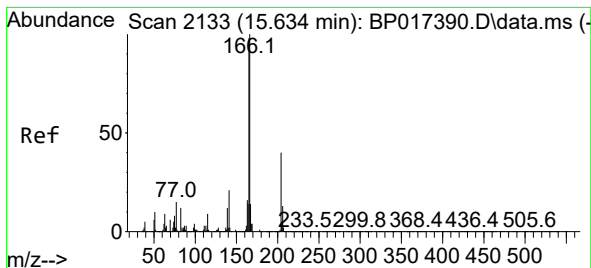
Tgt Ion:168 Resp: 42633

Ion Ratio Lower Upper

168 100

139 37.1 30.6 45.8





#61

Fluorene

Concen: 7.236 ng/ul

RT: 15.634 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

Instrument :

BNA_P

ClientSampleId :

JLAD6

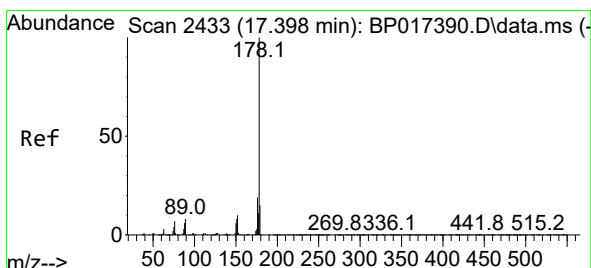
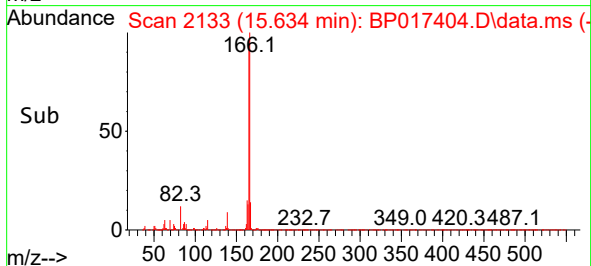
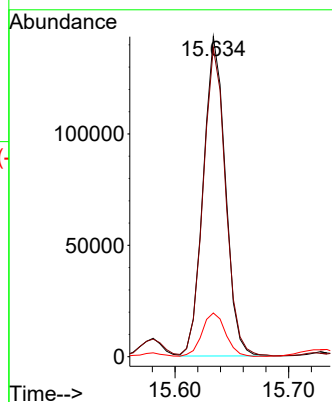
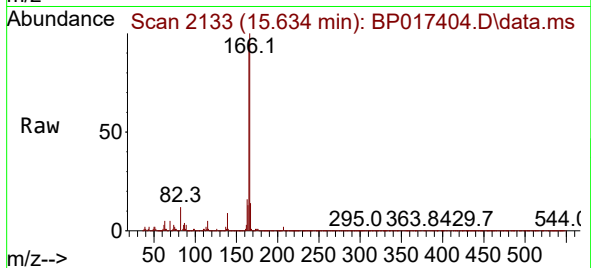
Tgt Ion:166 Resp: 193760

Ion Ratio Lower Upper

166 100

165 96.5 77.8 116.6

167 13.6 10.9 16.3



#72

Phenanthrene

Concen: 13.524 ng/ul

RT: 17.392 min Scan# 2432

Delta R.T. -0.012 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

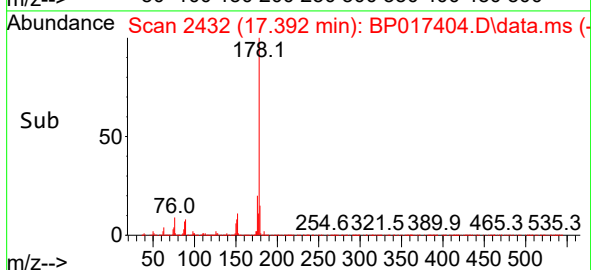
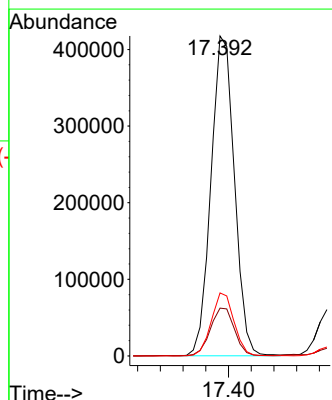
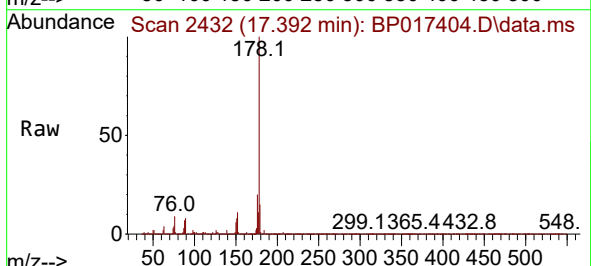
Tgt Ion:178 Resp: 598405

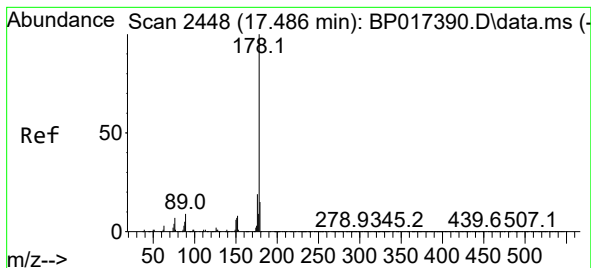
Ion Ratio Lower Upper

178 100

179 15.0 12.7 19.1

176 19.7 15.8 23.6





#74

Anthracene

Concen: 1.819 ng/ul

RT: 17.487 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

Instrument :

BNA_P

ClientSampleId :

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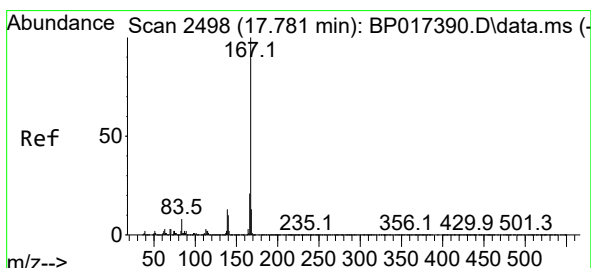
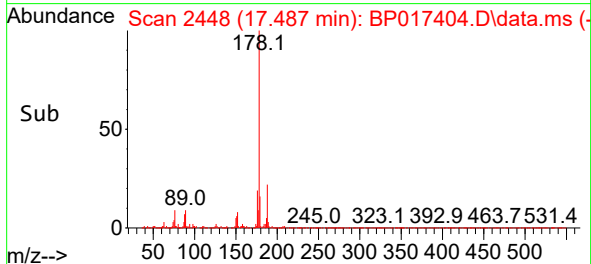
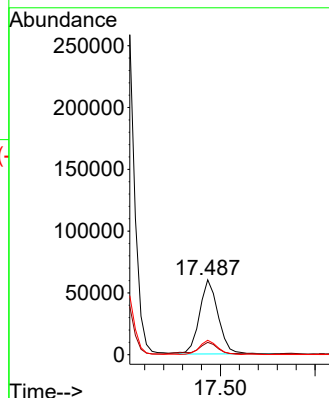
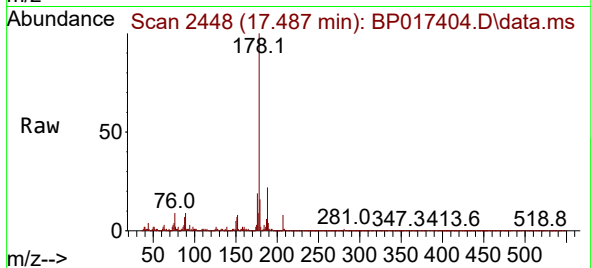
Tgt Ion:178 Resp: 81550

Ion Ratio Lower Upper

178 100

179 16.5 12.5 18.7

176 19.3 15.1 22.7



#77

Carbazole

Concen: 14.878 ng/ul

RT: 17.775 min Scan# 2497

Delta R.T. -0.006 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

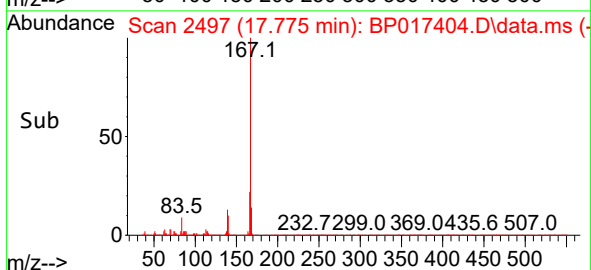
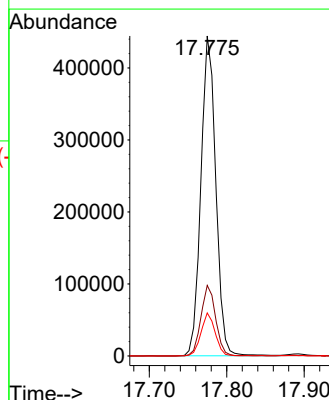
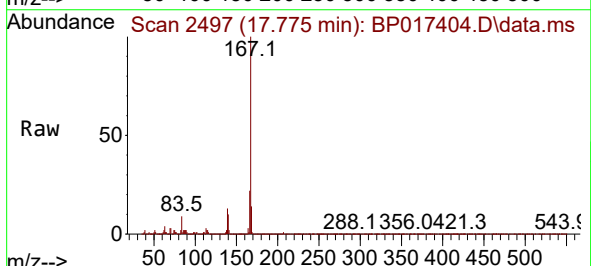
Tgt Ion:167 Resp: 593445

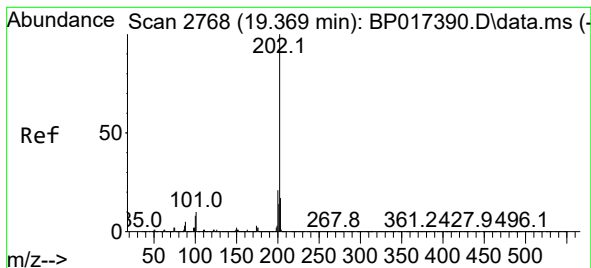
Ion Ratio Lower Upper

167 100

166 22.1 16.5 24.7

139 13.4 10.5 15.7





#80

Fluoranthene

Concen: 1.368 ng/ul

RT: 19.369 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

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BNA_P

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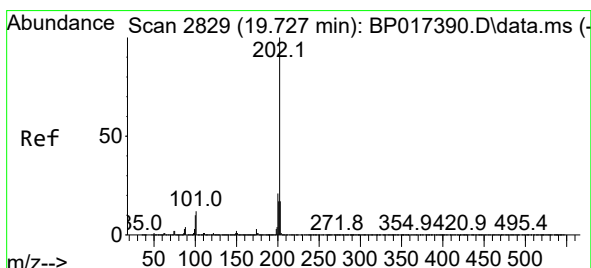
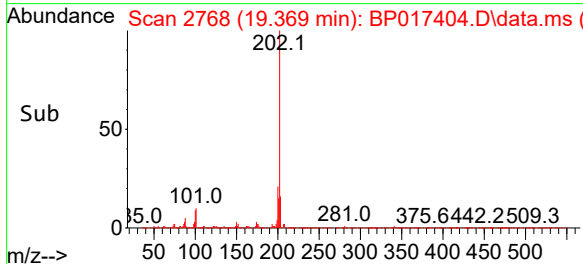
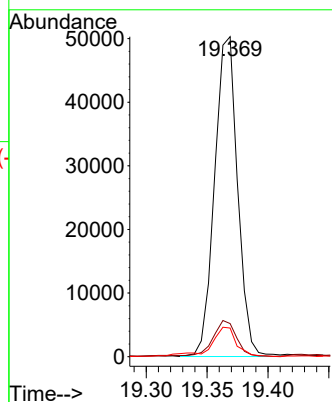
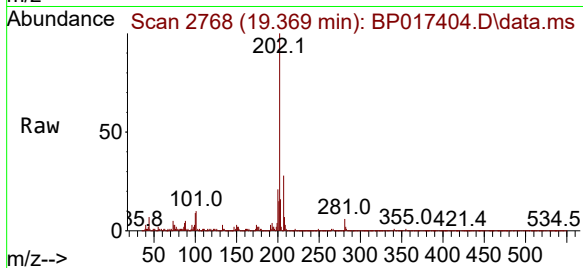
Tgt Ion:202 Resp: 66104

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

100 9.0 6.6 10.0



#82

Pyrene

Concen: 1.471 ng/ul

RT: 19.722 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP017404.D

Acq: 27 Sep 2023 18:51

Tgt Ion:202 Resp: 75559

Ion Ratio Lower Upper

202 100

101 15.5 9.8 14.8#

100 10.8 8.1 12.1

