

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016907.D
 Acq On : 01 Sep 2023 14:48
 Operator : MA/JU
 Sample : 04134-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ9

Quant Time: Sep 01 23:07:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

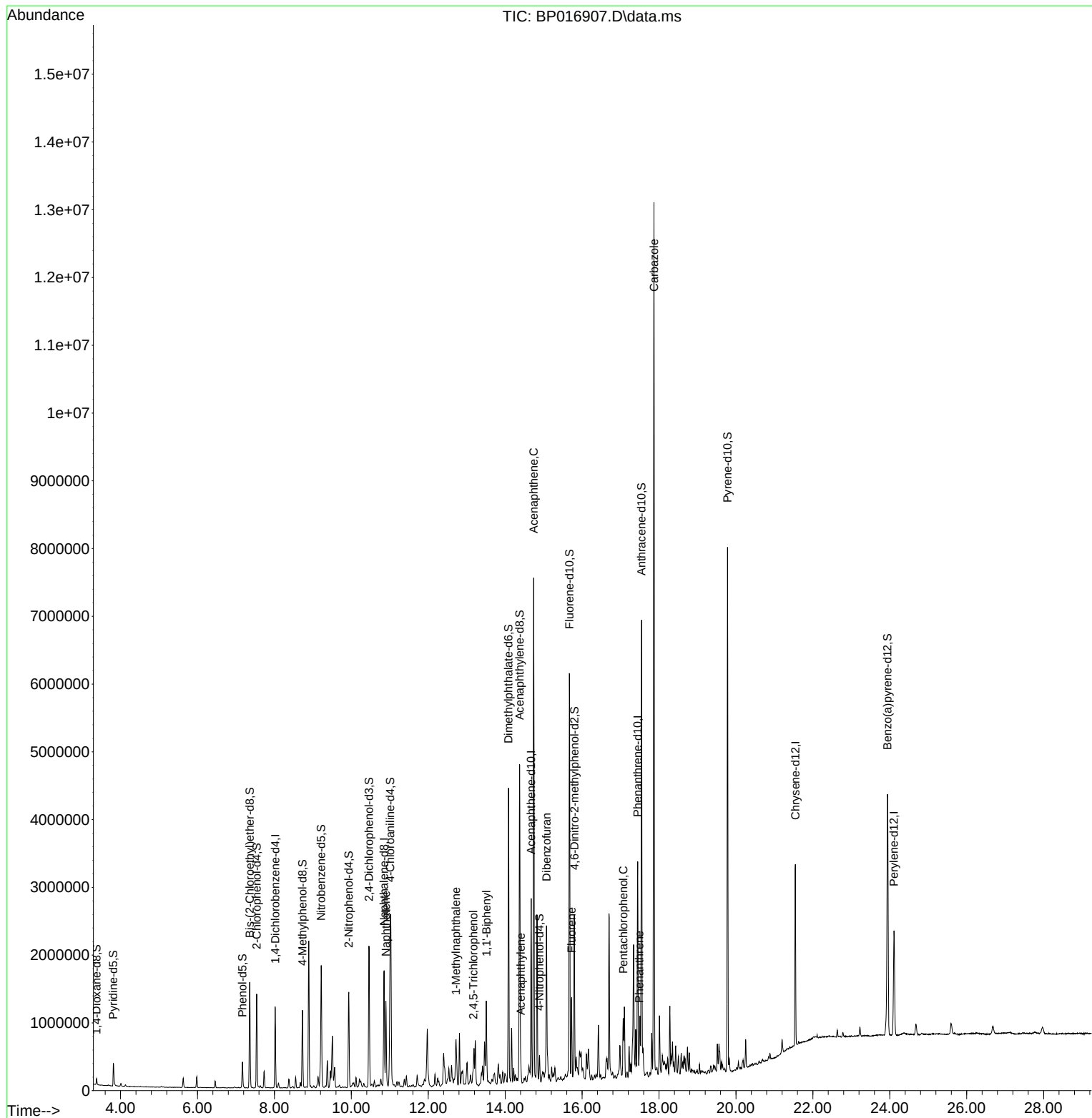
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	319786	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	1380873	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	845746	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1756633	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1230716	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1155943	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	44376	5.735	ng/uL	0.00
4) Pyridine-d5	3.811	84	185761	7.856	ng/u1	0.00
7) Phenol-d5	7.169	99	216530	7.615	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	660415	36.440	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	601071	28.114	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	417434	17.983	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	417853	40.021	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	437131	39.720	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	725477	35.360	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	869594	27.638	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	2738189	42.931	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	2923440	40.546	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	86507	6.562	ng/u1	0.00
60) Fluorene-d10	15.669	176	2230832	41.534	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	437161	41.788	ng/u1	0.00
73) Anthracene-d10	17.545	188	3550747	45.602	ng/u1	0.00
81) Pyrene-d10	19.780	212	3640870	53.865	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	2628562	45.396	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.899	128	974076	13.618	ng/u1	100
37) 1-Methylnaphthalene	12.722	142	262790	5.278	ng/u1#	98
42) 2,4,5-Trichlorophenol	13.175	196	18454	1.059	ng/u1	98
43) 1,1'-Biphenyl	13.510	154	556191	8.845	ng/u1	99
50) Acenaphthylene	14.404	152	121280	1.470	ng/u1	97
52) Acenaphthene	14.740	153	2861325	52.409	ng/u1	100
56) Dibenzofuran	15.075	168	1383353	18.466	ng/u1	99
61) Fluorene	15.728	166	464248	7.409	ng/u1	99
71) Pentachlorophenol	17.069	266	30304	2.165	ng/u1	94
72) Phenanthrene	17.486	178	165539	1.790	ng/u1	98
77) Carbazole	17.869	167	7604291	90.295	ng/u1	99

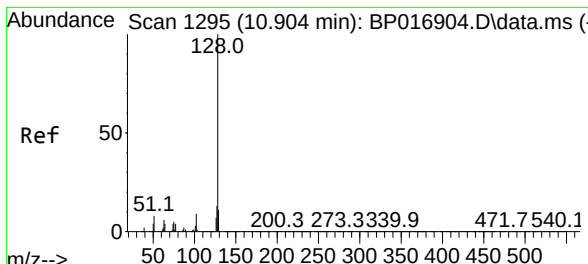
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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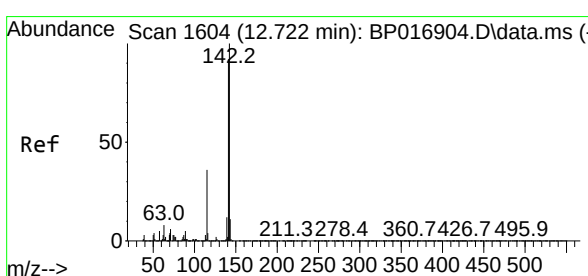
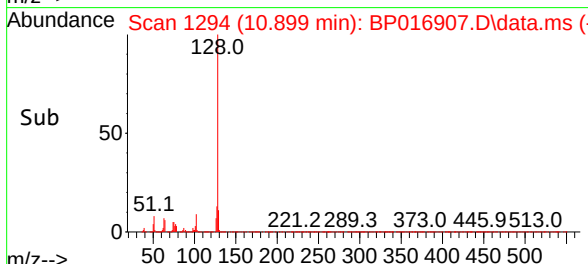
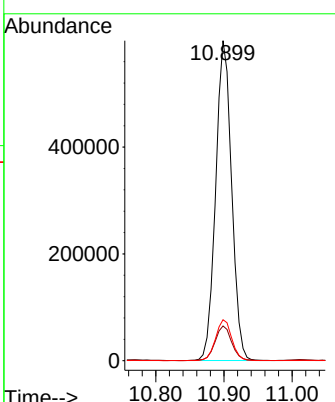
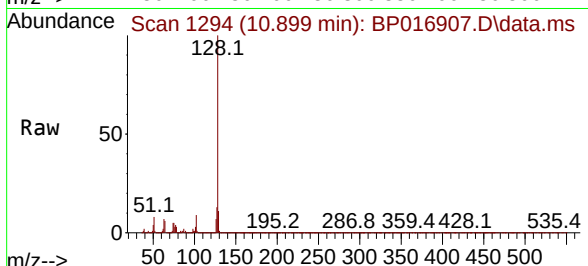




#30
Naphthalene
Concen: 13.618 ng/ul
RT: 10.899 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

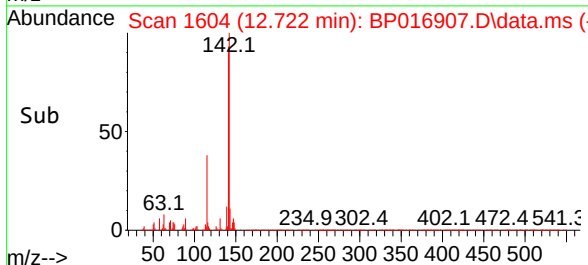
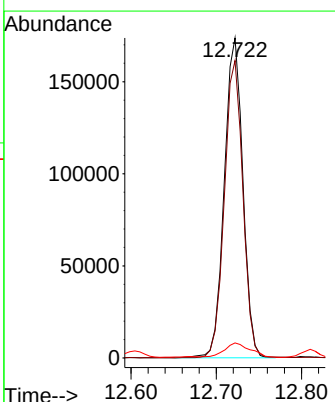
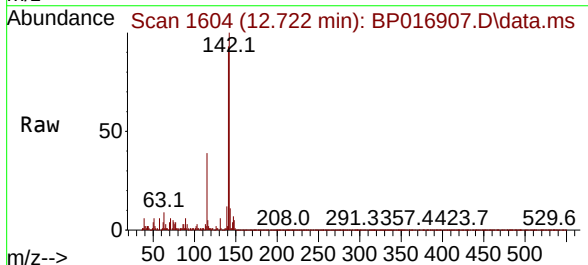
Instrument :
BNA_P
ClientSampleId :
DCHJ9

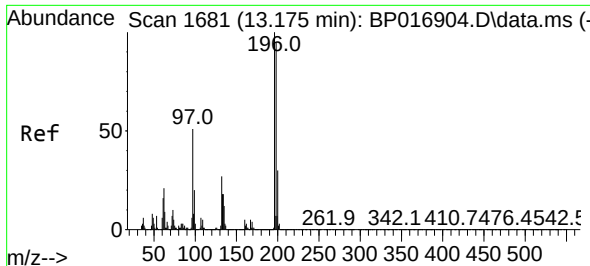
Tgt Ion:	128	Resp:	974076
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	12.8	10.3	15.5



#37
1-Methylnaphthalene
Concen: 5.278 ng/ul
RT: 12.722 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

Tgt Ion:	142	Resp:	262790
Ion Ratio	Lower	Upper	
142	100		
141	92.9	73.0	109.4
116	4.7	3.1	4.7

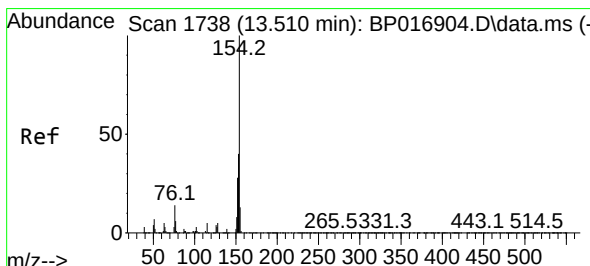
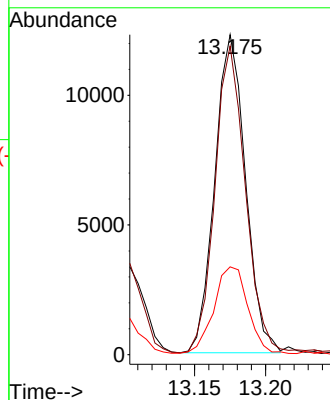
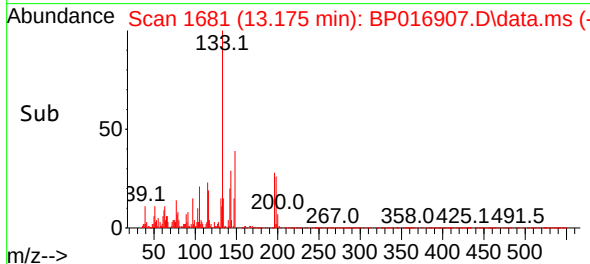
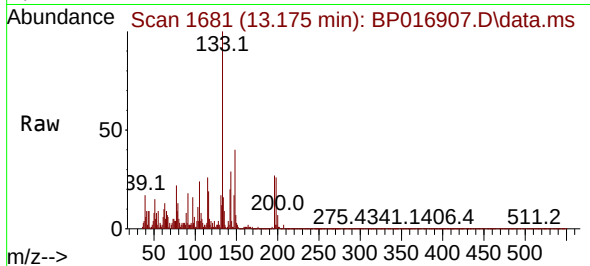




#42
2,4,5-Trichlorophenol
Concen: 1.059 ng/ul
RT: 13.175 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

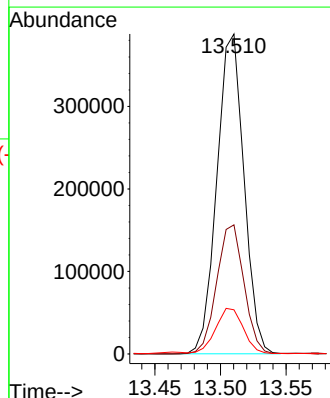
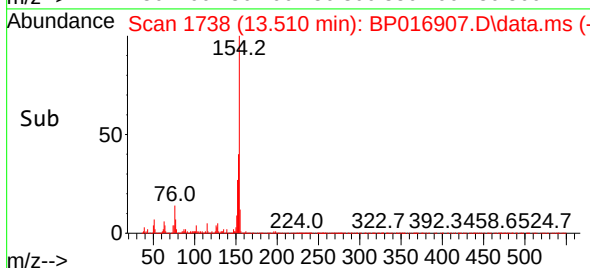
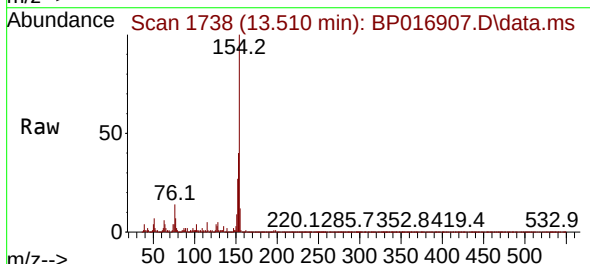
Instrument :
BNA_P
ClientSampleId :
DCHJ9

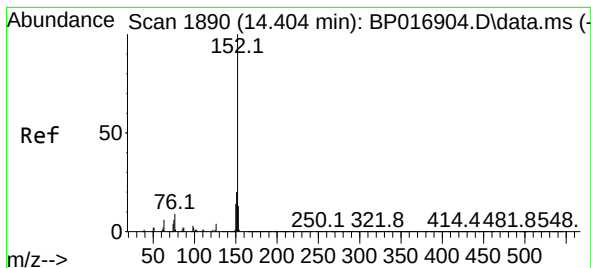
Tgt Ion:196 Resp: 18454
Ion Ratio Lower Upper
196 100
198 96.4 77.8 116.8
200 27.4 24.8 37.2



#43
1,1'-Biphenyl
Concen: 8.845 ng/ul
RT: 13.510 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

Tgt Ion:154 Resp: 556191
Ion Ratio Lower Upper
154 100
153 40.3 32.7 49.1
76 13.8 11.3 16.9





#50

Acenaphthylene

Concen: 1.470 ng/ul

RT: 14.404 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

DCHJ9

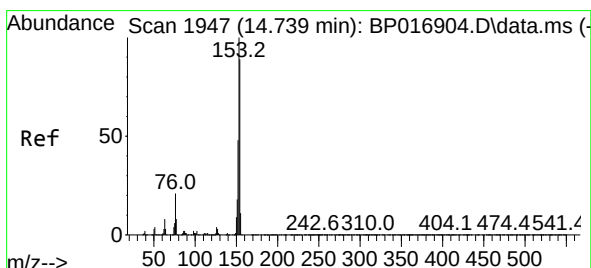
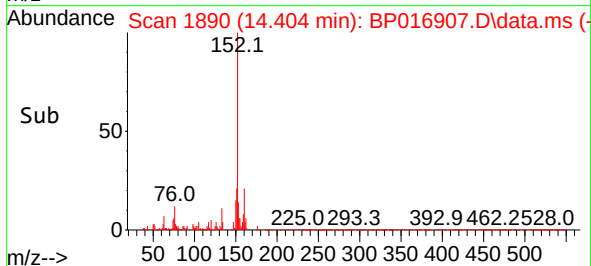
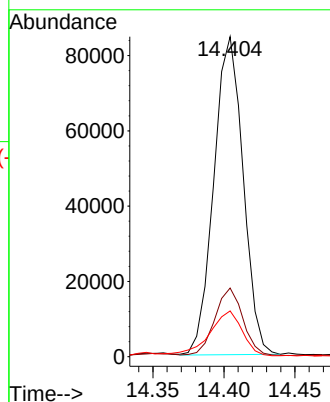
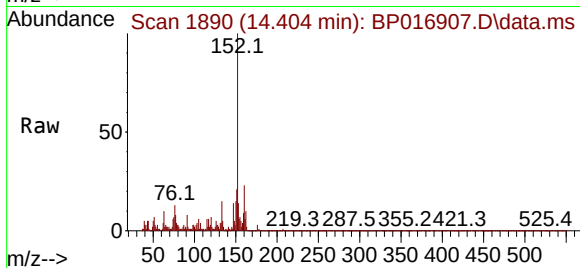
Tgt Ion:152 Resp: 121280

Ion Ratio Lower Upper

152 100

151 21.4 16.1 24.1

153 14.3 10.6 15.8



#52

Acenaphthene

Concen: 52.409 ng/ul

RT: 14.740 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

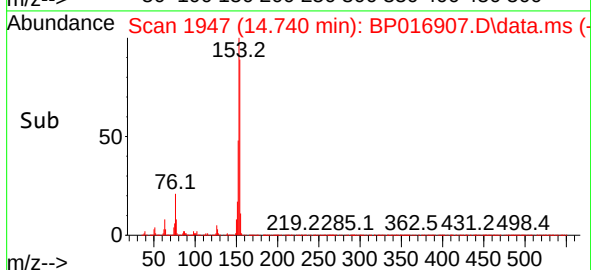
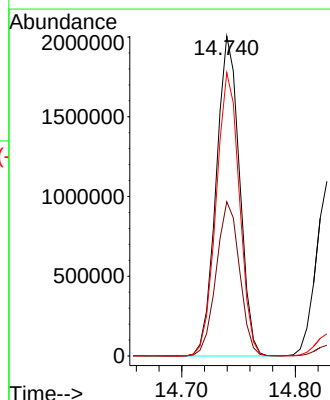
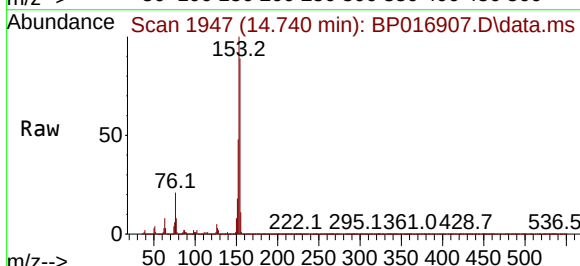
Tgt Ion:153 Resp: 2861325

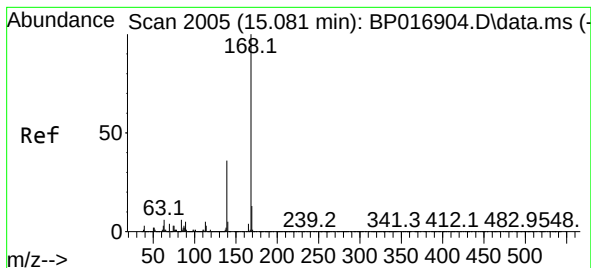
Ion Ratio Lower Upper

153 100

152 48.2 38.5 57.7

154 88.6 70.6 105.8





#56

Dibenzenofuran

Concen: 18.466 ng/ul

RT: 15.075 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

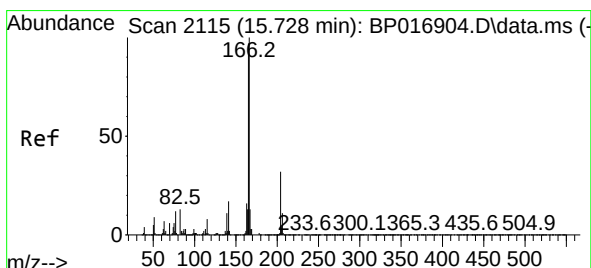
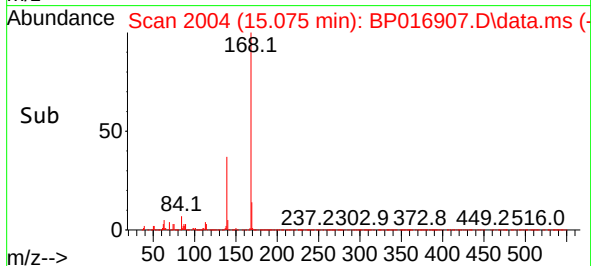
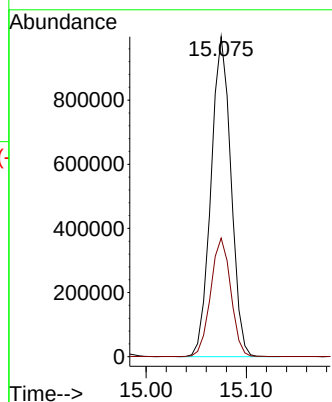
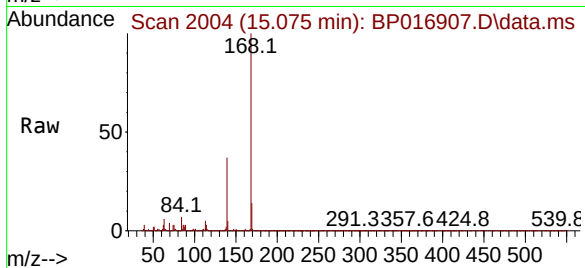
DCHJ9

Tgt Ion:168 Resp: 1383353

Ion Ratio Lower Upper

168 100

139 37.1 29.2 43.8



#61

Fluorene

Concen: 7.409 ng/ul

RT: 15.728 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

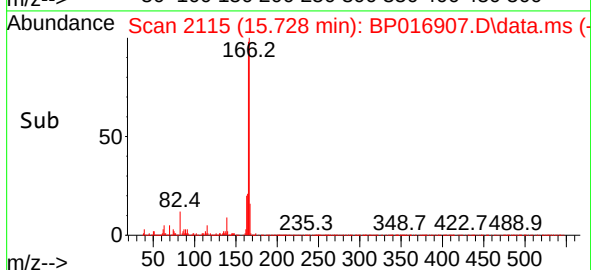
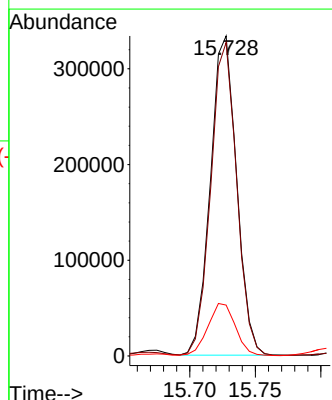
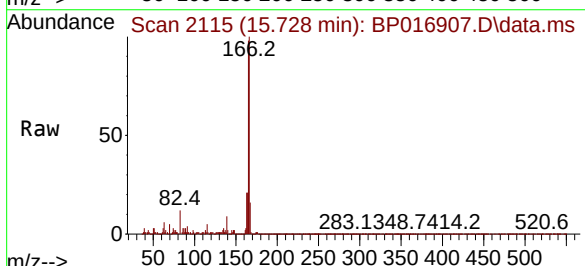
Tgt Ion:166 Resp: 464248

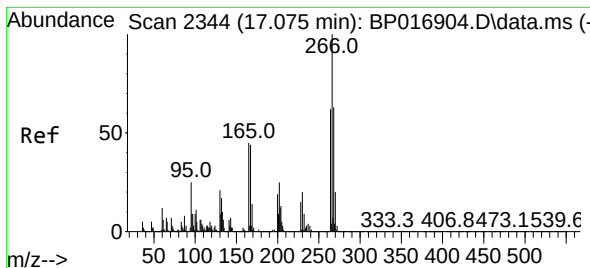
Ion Ratio Lower Upper

166 100

165 98.0 78.8 118.2

167 15.9 10.9 16.3





#71

Pentachlorophenol

Concen: 2.165 ng/ul

RT: 17.069 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

DCHJ9

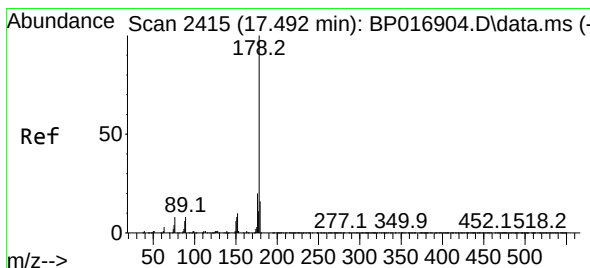
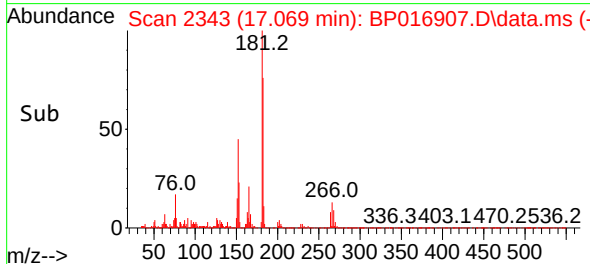
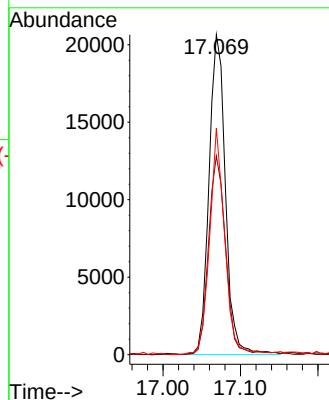
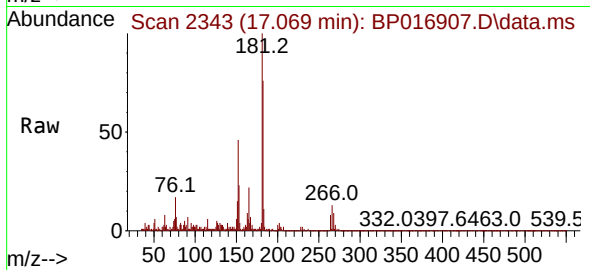
Tgt Ion:266 Resp: 30304

Ion Ratio Lower Upper

266 100

264 62.1 50.7 76.1

268 70.9 50.8 76.2



#72

Phenanthrene

Concen: 1.790 ng/ul

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

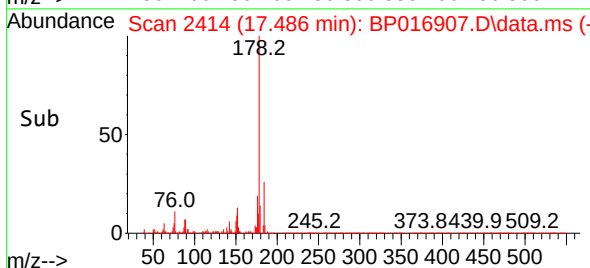
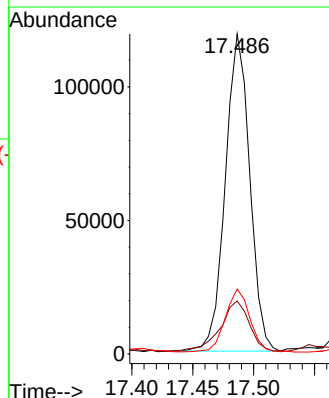
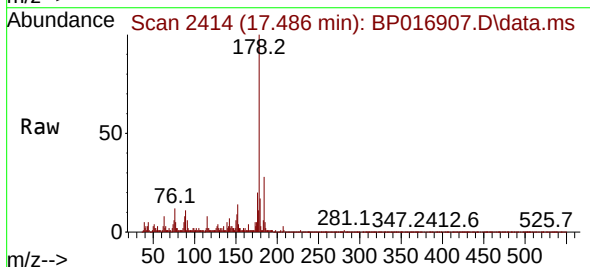
Tgt Ion:178 Resp: 165539

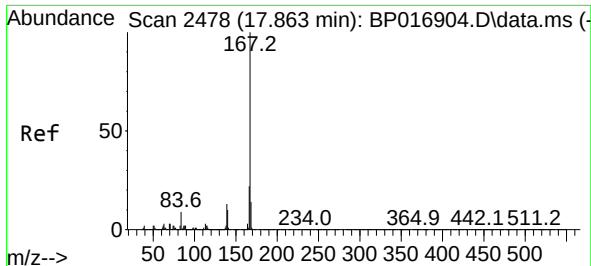
Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 20.3 15.6 23.4





#77
 Carbazole
 Concen: 90.295 ng/ul
 RT: 17.869 min Scan# 2479
 Delta R.T. 0.006 min
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Tgt Ion:167 Resp: 7604291
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.3 10.4 15.6

