

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016927.D
 Acq On : 02 Sep 2023 02:40
 Operator : MA/JU
 Sample : 04154-01DL 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG8DL

Quant Time: Sep 02 03:45:59 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

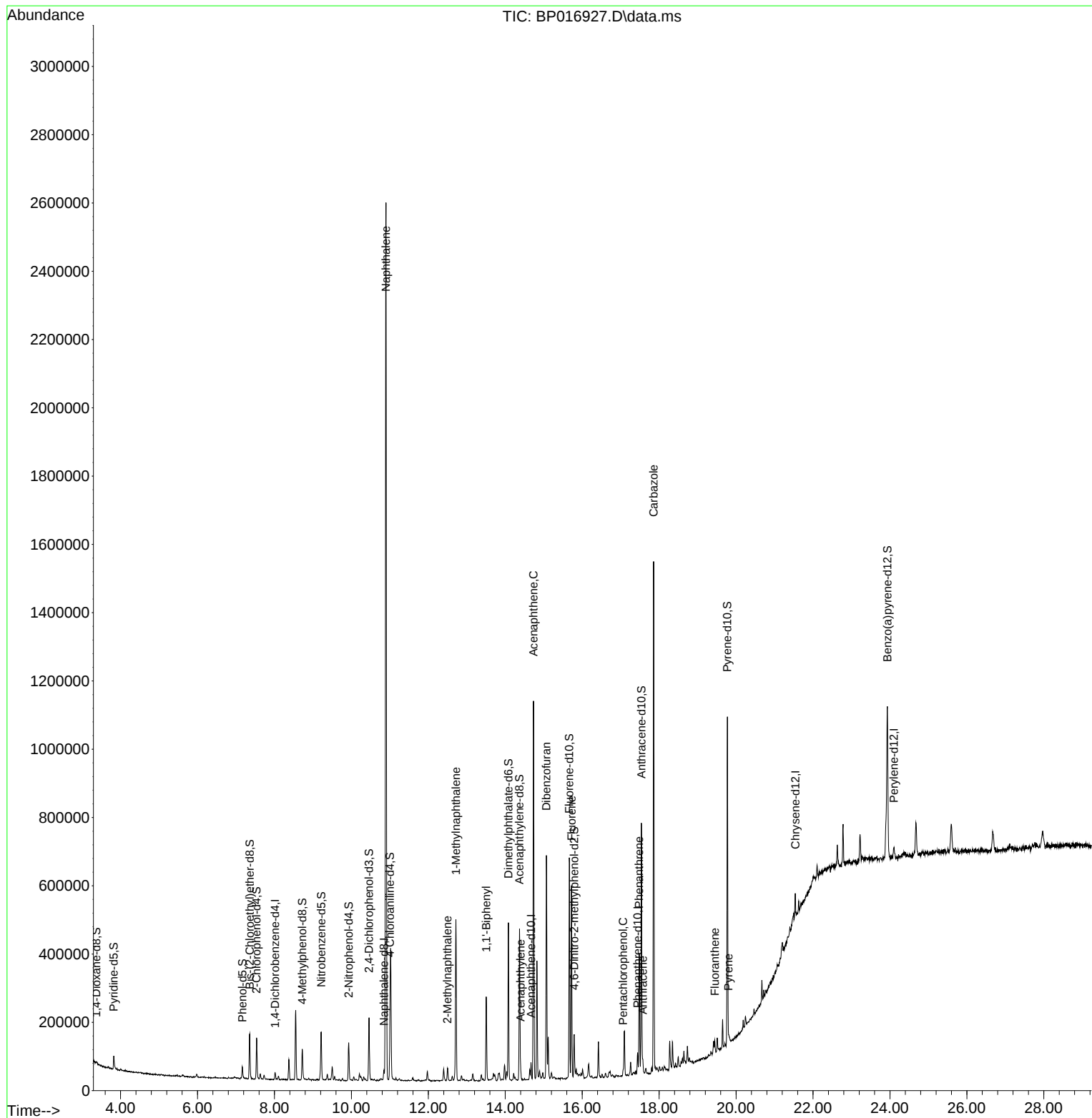
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	5567	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.846	136	22497	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.669	164	15344	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.439	188	34581	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	28601	20.000	ng/u1	# 0.00
88) Perylene-d12	24.104	264	25955	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	2620	19.451	ng/uL	-0.01
4) Pyridine-d5	3.822	84	24518	59.564	ng/u1	0.01
7) Phenol-d5	7.163	99	19610	39.615	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	59695	189.208	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	54854	147.381	ng/u1	-0.01
15) 4-Methylphenol-d8	8.722	113	36077	89.277	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	32509	191.118	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	33679	187.839	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.457	165	62480	186.919	ng/u1	0.00
31) 4-Chloroaniline-d4	11.004	131	80028	156.119	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	287240	248.231	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	281073	214.869	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.663	176	243811	250.204	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.792	200	23249	112.892	ng/u1	0.00
73) Anthracene-d10	17.539	188	391964	255.714	ng/u1	0.00
81) Pyrene-d10	19.775	212	450580	286.845	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	323919	249.147	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.899	128	2054765	1763.178	ng/u1	100
36) 2-Methylnaphthalene	12.498	142	15985	19.872	ng/u1	99
37) 1-Methylnaphthalene	12.716	142	209664	258.473	ng/u1	99
43) 1,1'-Biphenyl	13.504	154	109210	95.728	ng/u1	99
50) Acenaphthylene	14.398	152	17420	11.635	ng/u1#	97
52) Acenaphthene	14.734	153	425087	429.157	ng/u1	99
56) Dibenzofuran	15.069	168	405757	298.549	ng/u1	99
61) Fluorene	15.722	166	230216	202.512	ng/u1	97
71) Pentachlorophenol	17.063	266	1869	6.782	ng/u1	91
72) Phenanthrene	17.481	178	201254	110.547	ng/u1	100
74) Anthracene	17.575	178	19260	10.463	ng/u1	98
77) Carbazole	17.857	167	873283	526.751	ng/u1	100
80) Fluoranthene	19.445	202	18372	9.736	ng/u1	98
82) Pyrene	19.804	202	8847	4.539	ng/u1	99

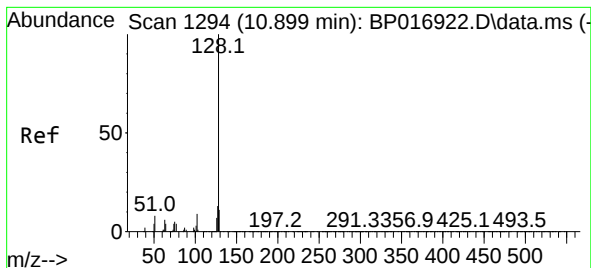
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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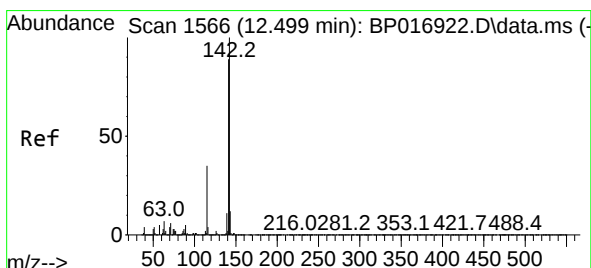
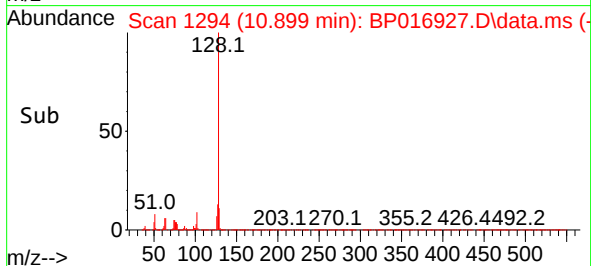
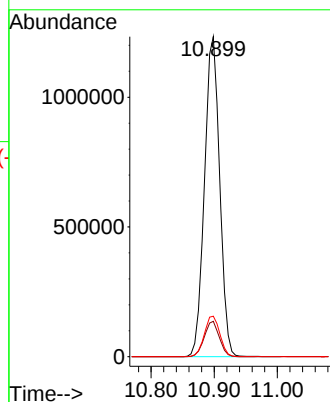
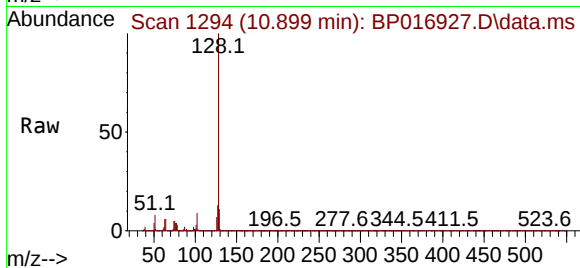




#30
Naphthalene
Concen: 1763.178 ng/ul
RT: 10.899 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016927.D
Acq: 02 Sep 2023 02:40

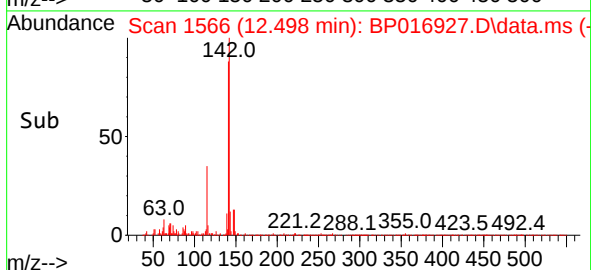
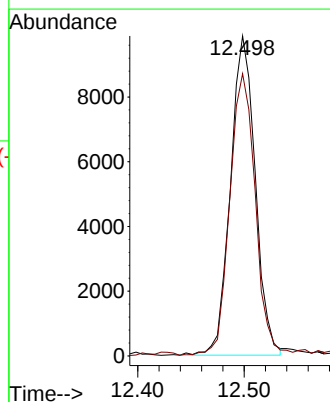
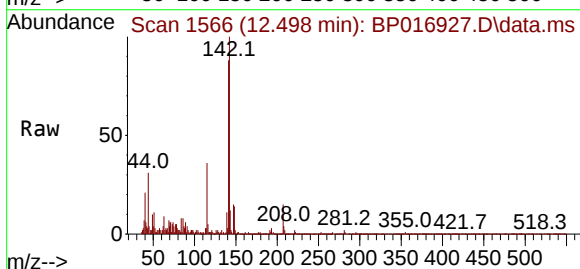
Instrument :
BNA_P
ClientSampleId :
C0AG8DL

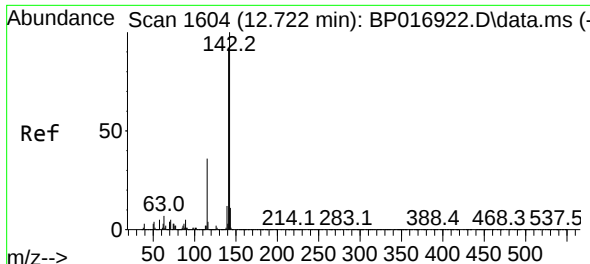
Tgt Ion:128 Resp: 2054765
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.3 15.5



#36
2-Methylnaphthalene
Concen: 19.872 ng/ul
RT: 12.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BP016927.D
Acq: 02 Sep 2023 02:40

Tgt Ion:142 Resp: 15985
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0

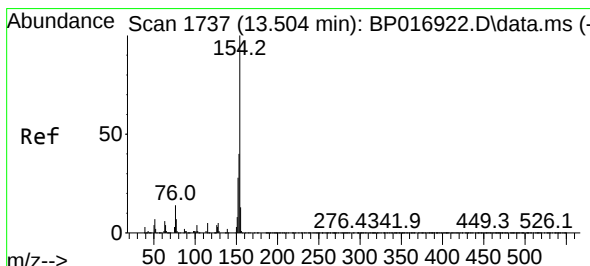
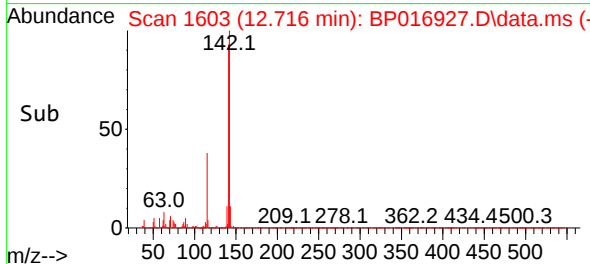
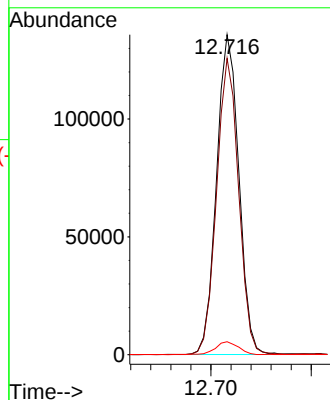
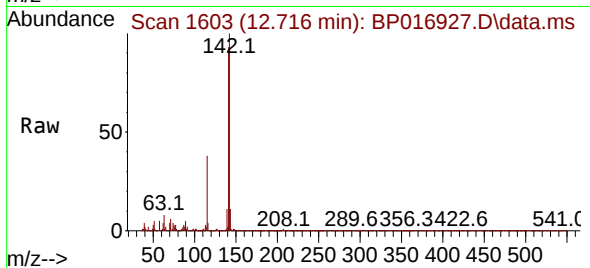




#37
1-Methylnaphthalene
Concen: 258.473 ng/ul
RT: 12.716 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP016927.D
Acq: 02 Sep 2023 02:40

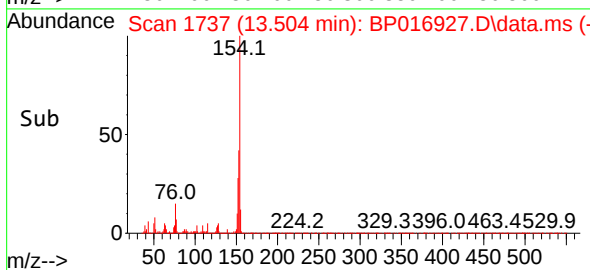
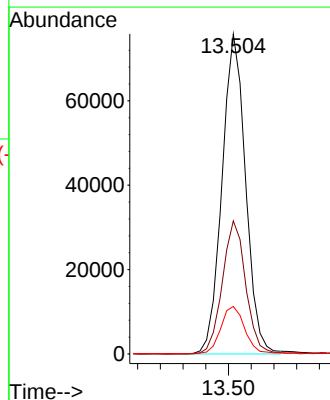
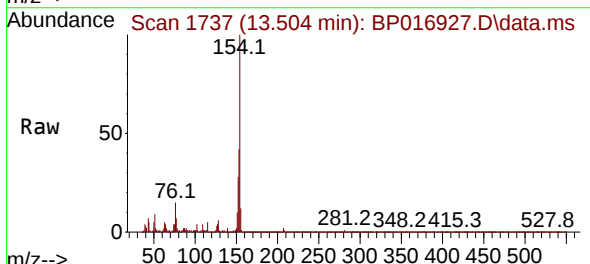
Instrument :
BNA_P
ClientSampleId :
C0AG8DL

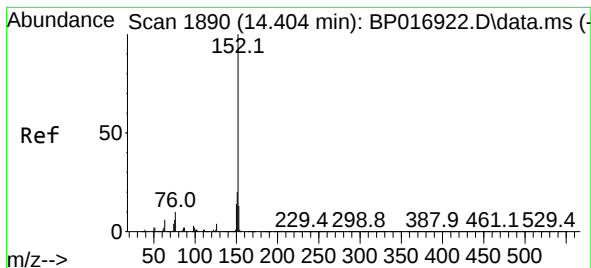
Tgt Ion:142 Resp: 209664
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.4
116 4.1 3.1 4.7



#43
1,1'-Biphenyl
Concen: 95.728 ng/ul
RT: 13.504 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BP016927.D
Acq: 02 Sep 2023 02:40

Tgt Ion:154 Resp: 109210
Ion Ratio Lower Upper
154 100
153 41.6 32.7 49.1
76 14.9 11.3 16.9





#50

Acenaphthylene

Concen: 11.635 ng/ul

RT: 14.398 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BP016927.D

Acq: 02 Sep 2023 02:40

Instrument :

BNA_P

ClientSampleId :

C0AG8DL

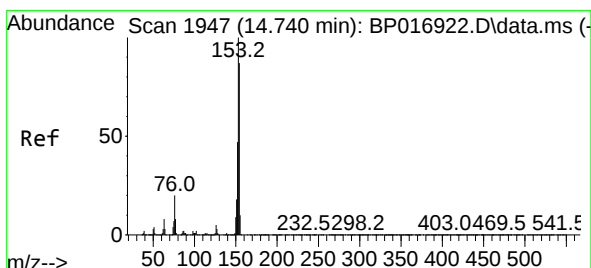
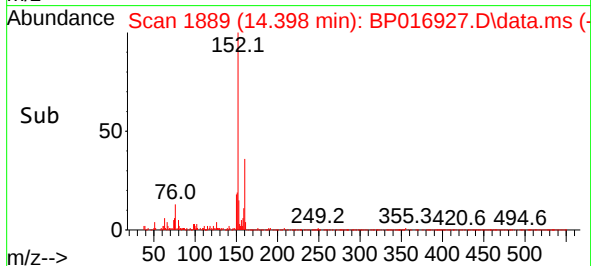
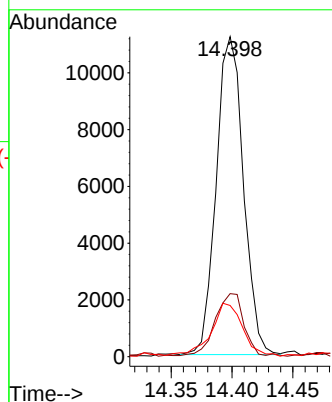
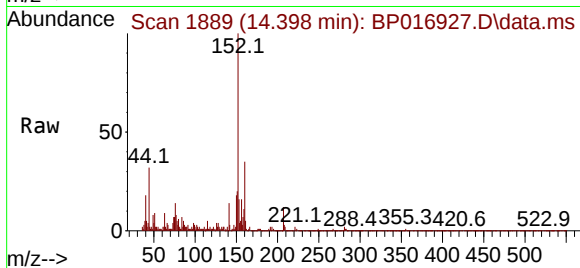
Tgt Ion:152 Resp: 17420

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 16.0 10.6 15.8#



#52

Acenaphthene

Concen: 429.157 ng/ul

RT: 14.734 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP016927.D

Acq: 02 Sep 2023 02:40

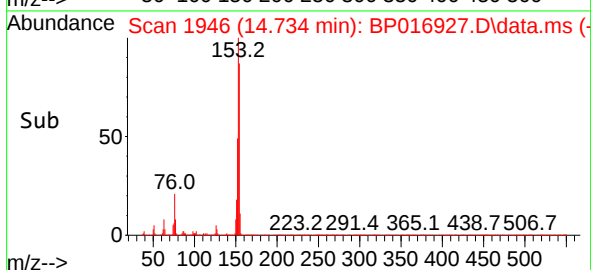
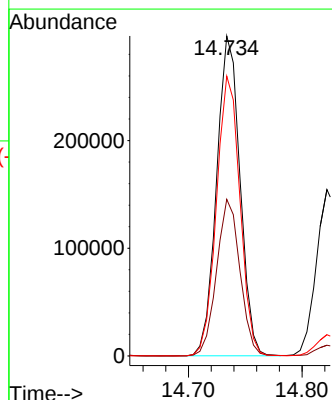
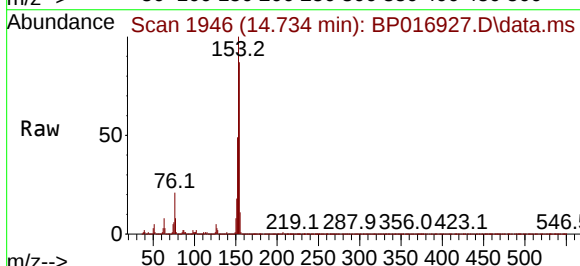
Tgt Ion:153 Resp: 425087

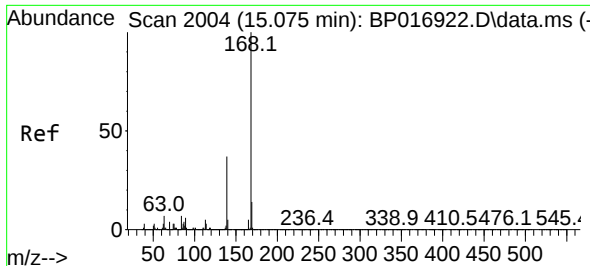
Ion Ratio Lower Upper

153 100

152 48.9 38.5 57.7

154 87.4 70.6 105.8

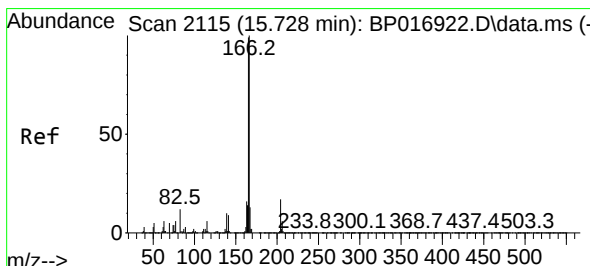
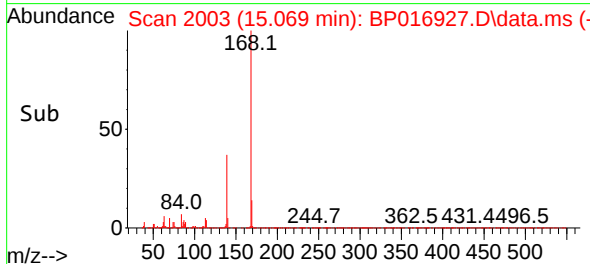
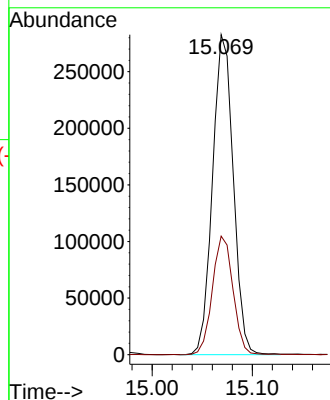
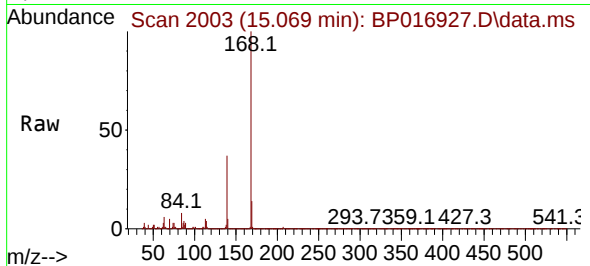




#56
Dibenzofuran
Concen: 298.549 ng/ul
RT: 15.069 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP016927.D
Acq: 02 Sep 2023 02:40

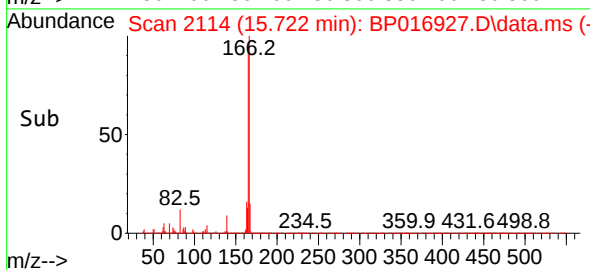
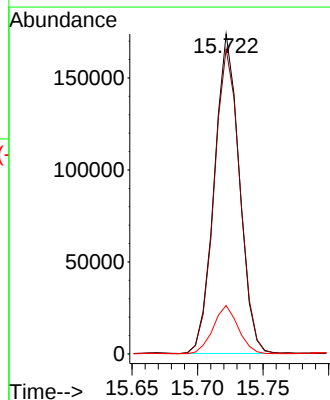
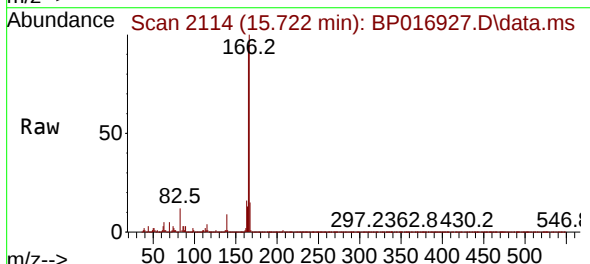
Instrument :
BNA_P
ClientSampleId :
C0AG8DL

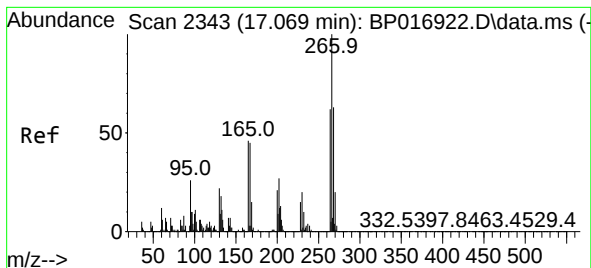
Tgt Ion:168 Resp: 405757
Ion Ratio Lower Upper
168 100
139 37.1 29.2 43.8



#61
Fluorene
Concen: 202.512 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP016927.D
Acq: 02 Sep 2023 02:40

Tgt Ion:166 Resp: 230216
Ion Ratio Lower Upper
166 100
165 95.3 78.8 118.2
167 15.1 10.9 16.3





#71

Pentachlorophenol

Concen: 6.782 ng/ul

RT: 17.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016927.D

Acq: 02 Sep 2023 02:40

Instrument :

BNA_P

ClientSampleId :

C0AG8DL

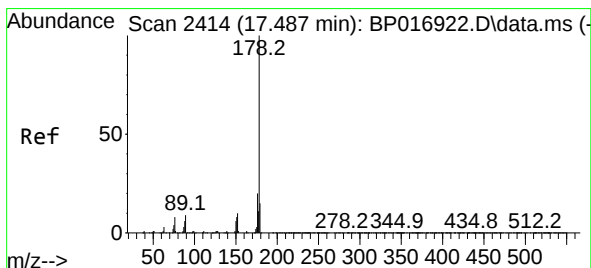
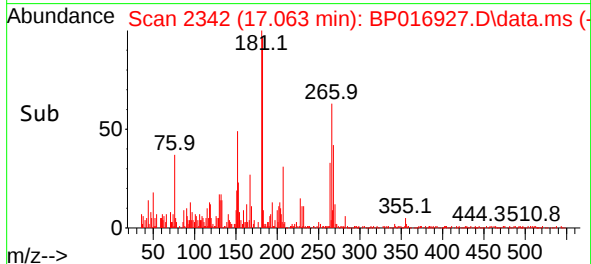
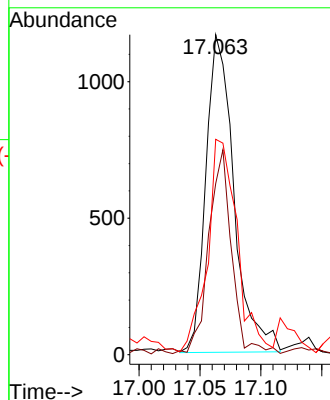
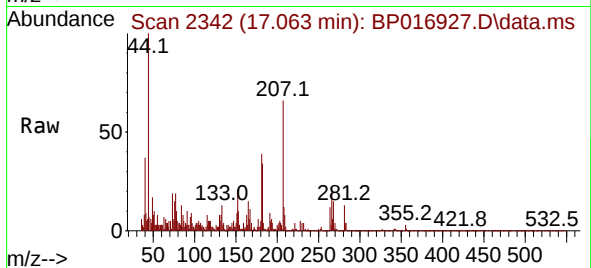
Tgt Ion:266 Resp: 1869

Ion Ratio Lower Upper

266 100

264 53.5 50.7 76.1

268 67.3 50.8 76.2



#72

Phenanthrene

Concen: 110.547 ng/ul

RT: 17.481 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP016927.D

Acq: 02 Sep 2023 02:40

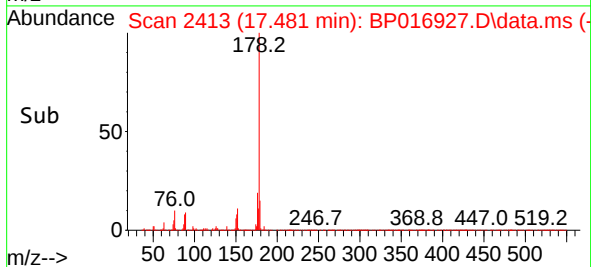
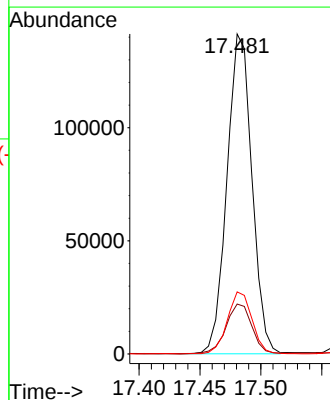
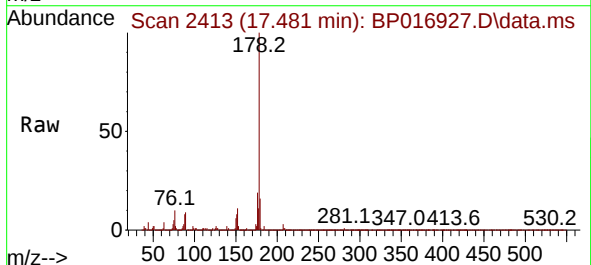
Tgt Ion:178 Resp: 201254

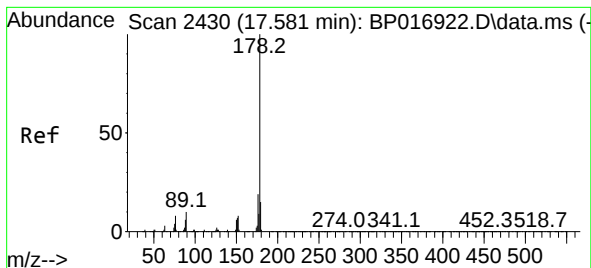
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.4 15.6 23.4





#74

Anthracene

Concen: 10.463 ng/ul

RT: 17.575 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP016927.D

Acq: 02 Sep 2023 02:40

Instrument :

BNA_P

ClientSampleId :

C0AG8DL

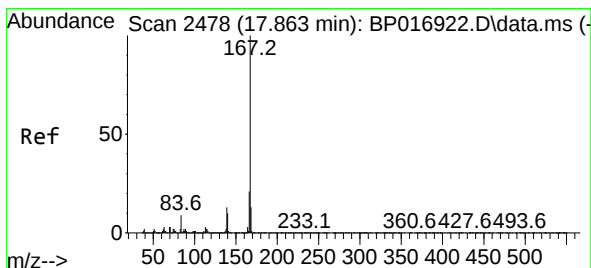
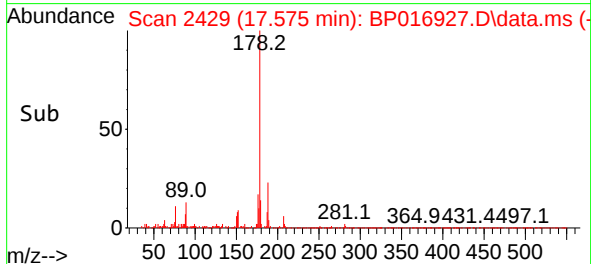
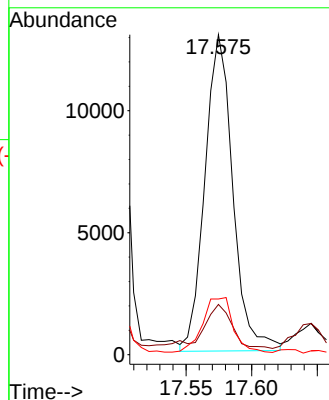
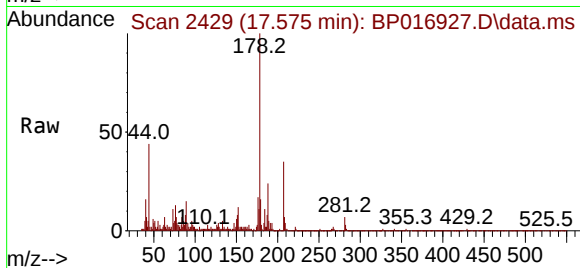
Tgt Ion:178 Resp: 19260

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 17.4 15.3 22.9



#77

Carbazole

Concen: 526.751 ng/ul

RT: 17.857 min Scan# 2477

Delta R.T. -0.006 min

Lab File: BP016927.D

Acq: 02 Sep 2023 02:40

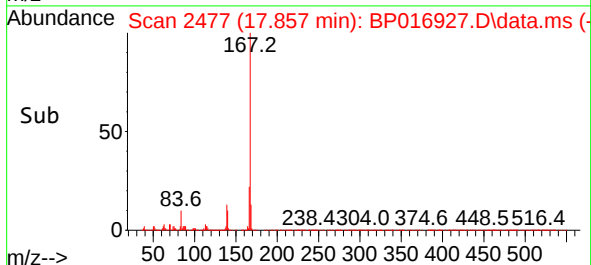
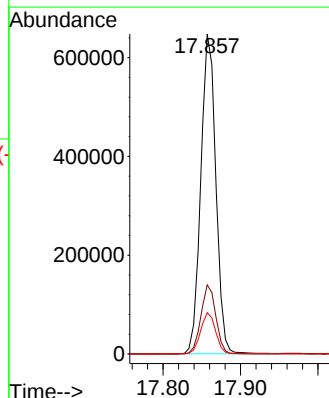
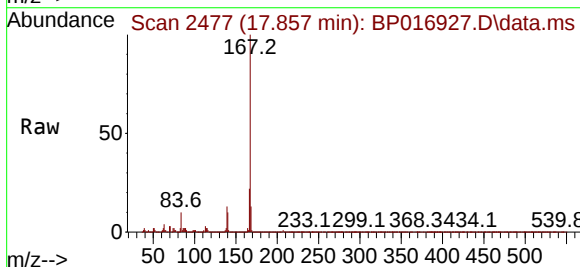
Tgt Ion:167 Resp: 873283

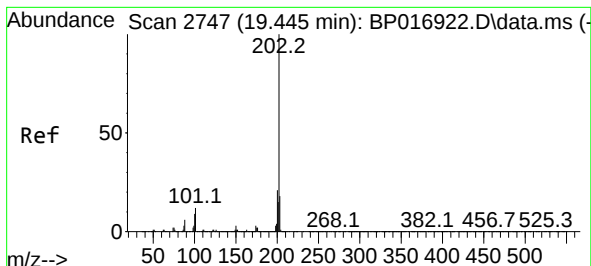
Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 12.9 10.4 15.6





#80

Fluoranthene

Concen: 9.736 ng/ul

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016927.D

Acq: 02 Sep 2023 02:40

Instrument :

BNA_P

ClientSampleId :

C0AG8DL

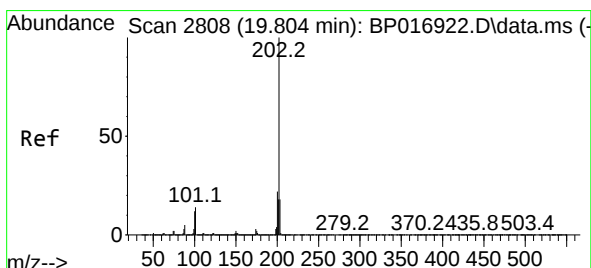
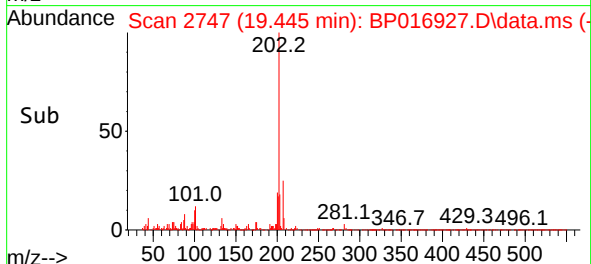
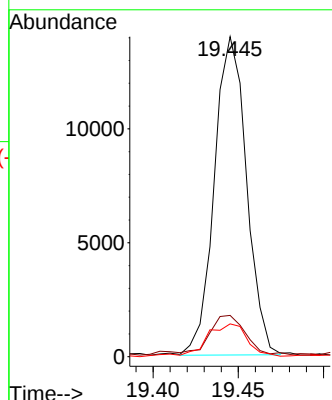
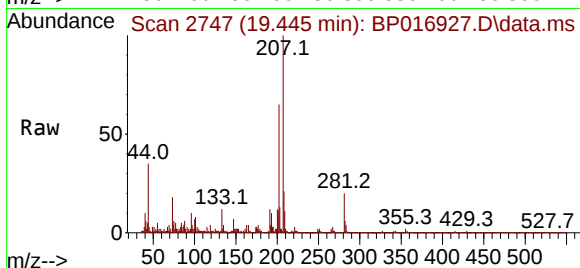
Tgt Ion:202 Resp: 18372

Ion Ratio Lower Upper

202 100

101 12.9 9.7 14.5

100 10.2 7.4 11.2



#82

Pyrene

Concen: 4.539 ng/ul

RT: 19.804 min Scan# 2808

Delta R.T. -0.006 min

Lab File: BP016927.D

Acq: 02 Sep 2023 02:40

Tgt Ion:202 Resp: 8847

Ion Ratio Lower Upper

202 100

101 14.0 11.4 17.2

100 12.4 9.4 14.2

