

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016807.D
 Acq On : 28 Aug 2023 23:48
 Operator : MA/JU
 Sample : 04134-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ0

Quant Time: Aug 29 01:59:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

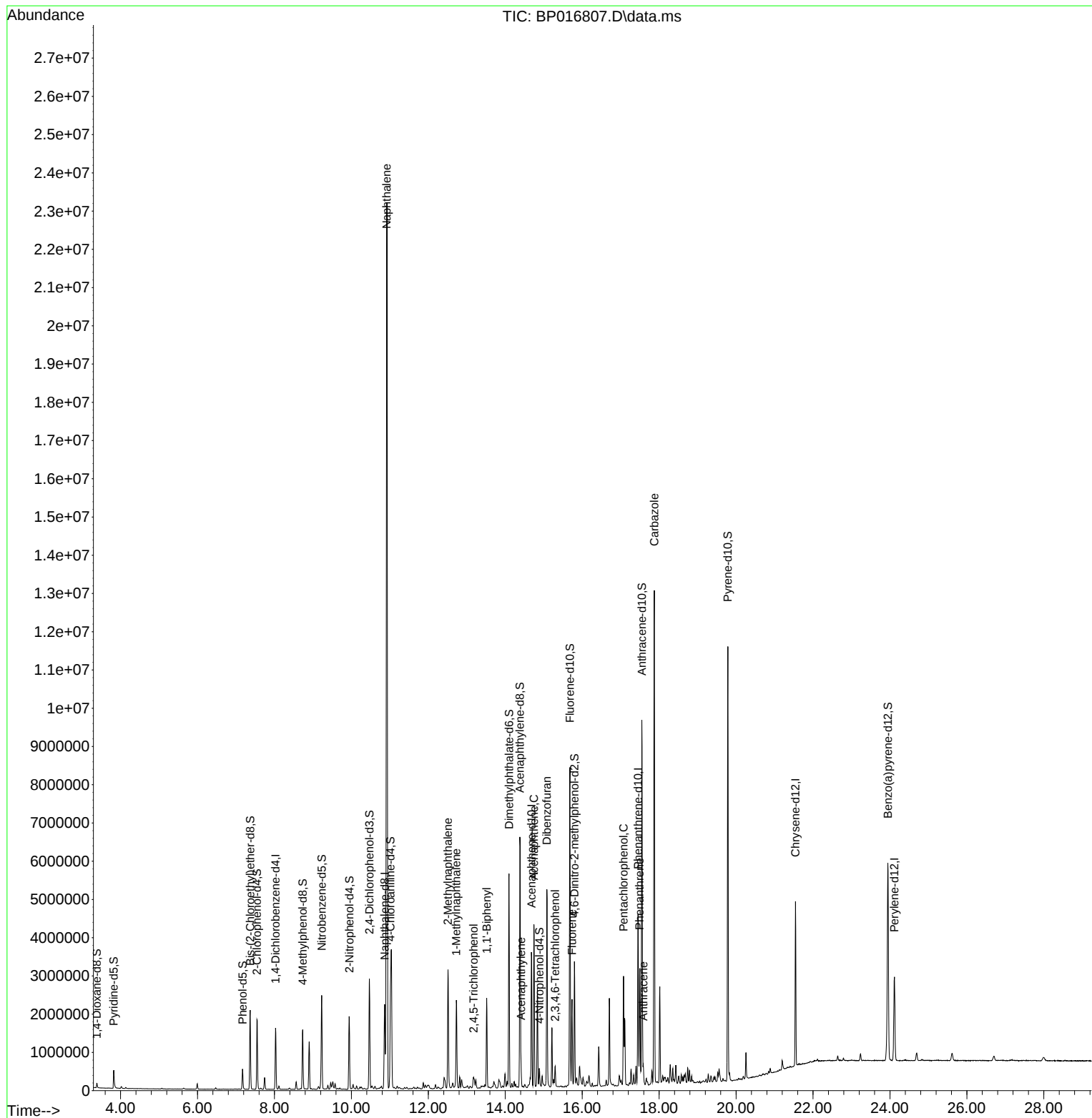
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	425342	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	1877324	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	1179115	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	2575244	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1916336	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	1671303	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	59829	5.813	ng/uL	0.00
4) Pyridine-d5	3.823	84	270436	8.599	ng/u1	0.00
7) Phenol-d5	7.169	99	298817	7.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	891713	36.992	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	819967	28.835	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	580184	18.791	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	575134	40.518	ng/u1	0.00
24) 2-Nitrophenol-d4	9.946	143	601760	40.219	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	998689	35.804	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	1185517	27.715	ng/u1	0.00
46) Dimethylphthalate-d6	14.099	166	3676851	41.349	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	4151319	41.297	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	111743	6.080	ng/u1	0.00
60) Fluorene-d10	15.681	176	3195702	42.677	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	577250	37.639	ng/u1	0.00
73) Anthracene-d10	17.551	188	5119914	44.853	ng/u1	0.00
81) Pyrene-d10	19.786	212	5613152	53.332	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	3831088	45.762	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.916	128	18151894	186.656	ng/u1#	90
36) 2-Methylnaphthalene	12.510	142	1432568	21.342	ng/u1	99
37) 1-Methylnaphthalene	12.728	142	1024893	15.141	ng/u1	99
42) 2,4,5-Trichlorophenol	13.175	196	42451	1.748	ng/u1	99
43) 1,1'-Biphenyl	13.516	154	1132398	12.917	ng/u1	99
50) Acenaphthylene	14.410	152	274084	2.382	ng/u1	99
52) Acenaphthene	14.746	153	1656898	21.768	ng/u1	100
56) Dibenzofuran	15.081	168	3251222	31.130	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.298	232	95135	4.602	ng/u1	96
61) Fluorene	15.734	166	915664	10.482	ng/u1	98
71) Pentachlorophenol	17.075	266	337578	16.450	ng/u1	99
72) Phenanthrene	17.492	178	1595085	11.765	ng/u1	99
74) Anthracene	17.587	178	137868	1.006	ng/u1	98
77) Carbazole	17.875	167	8129945	65.850	ng/u1	99

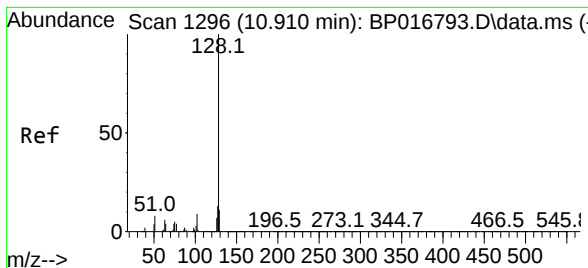
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016807.D
Acq On : 28 Aug 2023 23:48
Operator : MA/JU
Sample : 04134-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHJ0

Quant Time: Aug 29 01:59:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 01:12:28 2023
Response via : Initial Calibration





#30

Naphthalene

Concen: 186.656 ng/ul

RT: 10.916 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA_P

ClientSampleId :

DCHJ0

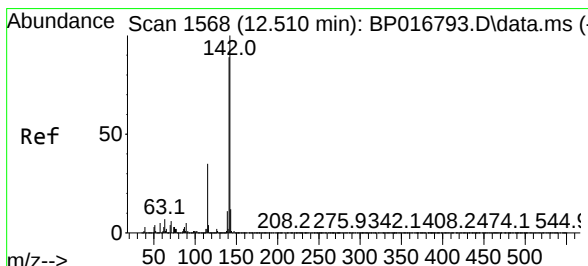
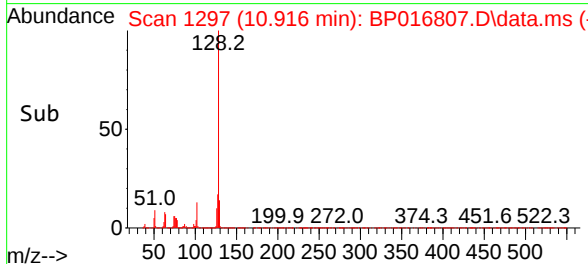
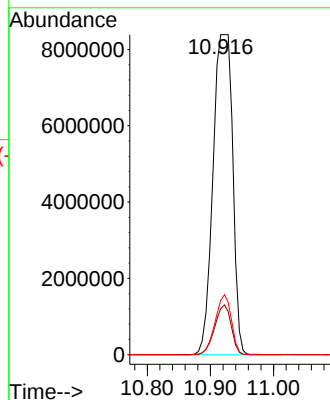
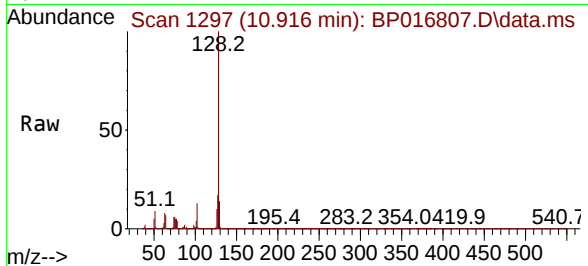
Tgt Ion:128 Resp:18151894

Ion Ratio Lower Upper

128 100

129 14.4 8.8 13.2#

127 17.0 10.3 15.5#



#36

2-Methylnaphthalene

Concen: 21.342 ng/ul

RT: 12.510 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BP016807.D

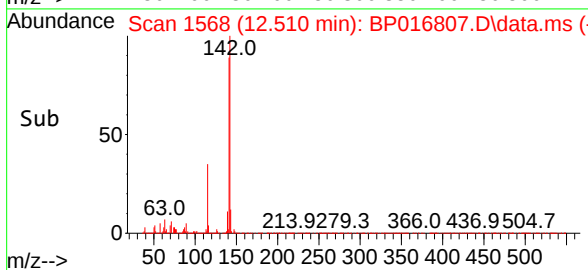
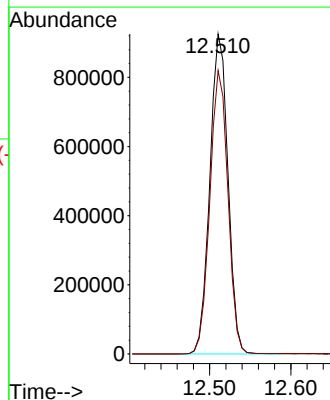
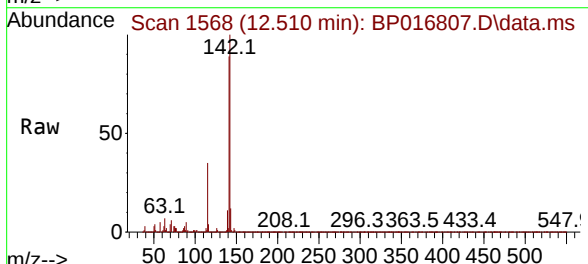
Acq: 28 Aug 2023 23:48

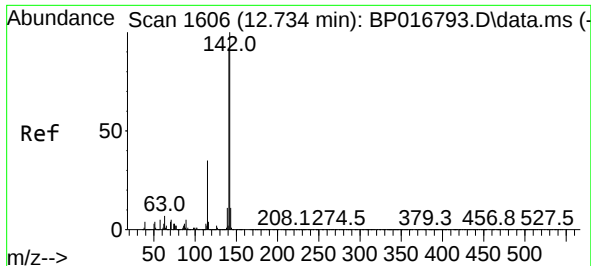
Tgt Ion:142 Resp: 1432568

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.0

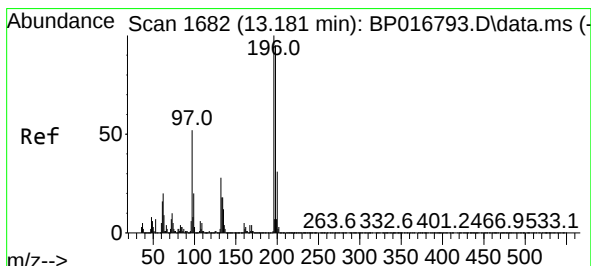
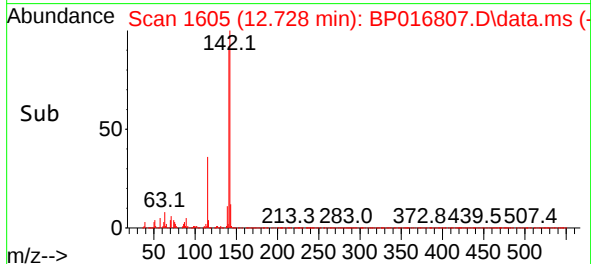
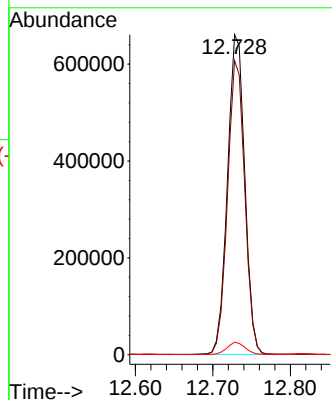
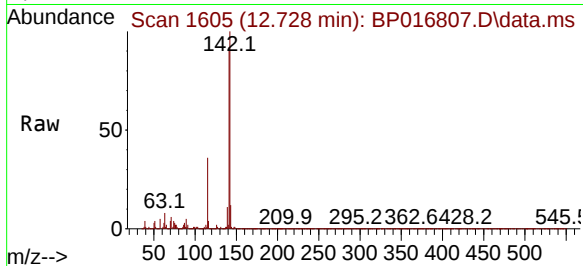




#37
1-Methylnaphthalene
Concen: 15.141 ng/ul
RT: 12.728 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP016807.D
Acq: 28 Aug 2023 23:48

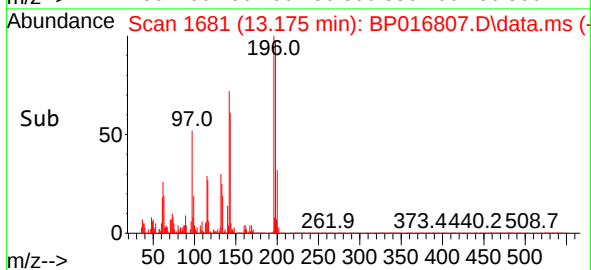
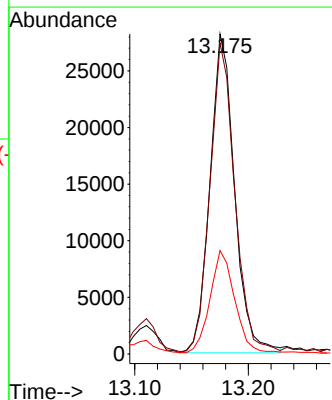
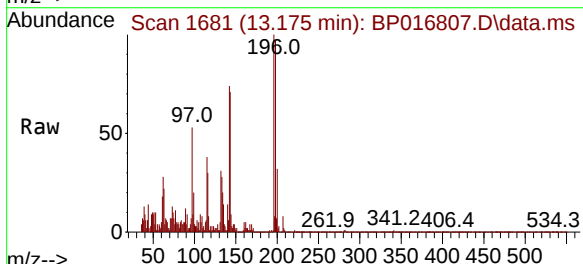
Instrument :
BNA_P
ClientSampleId :
DCHJ0

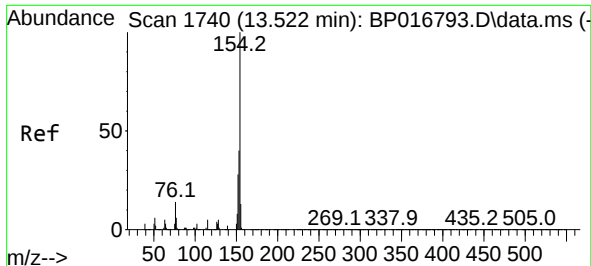
Tgt Ion:142 Resp: 1024893
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4
116 3.9 3.1 4.7



#42
2,4,5-Trichlorophenol
Concen: 1.748 ng/ul
RT: 13.175 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP016807.D
Acq: 28 Aug 2023 23:48

Tgt Ion:196 Resp: 42451
Ion Ratio Lower Upper
196 100
198 97.1 77.8 116.8
200 32.3 24.8 37.2

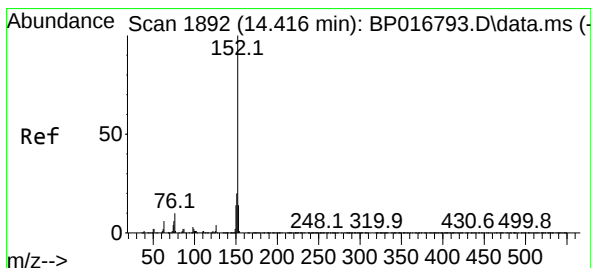
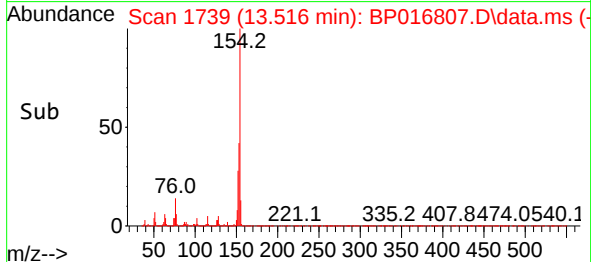
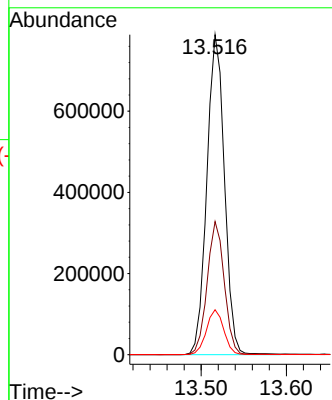
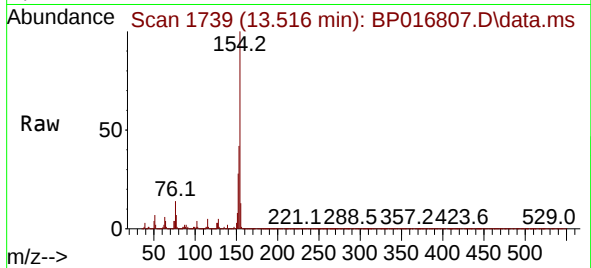




#43
1,1'-Biphenyl
Concen: 12.917 ng/ul
RT: 13.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016807.D
Acq: 28 Aug 2023 23:48

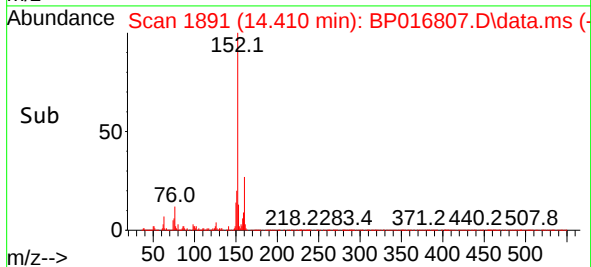
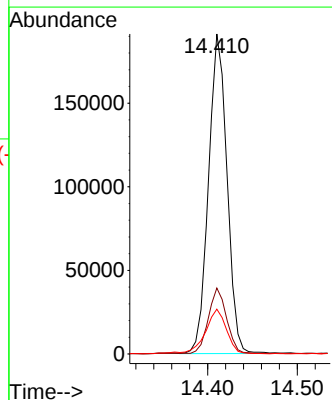
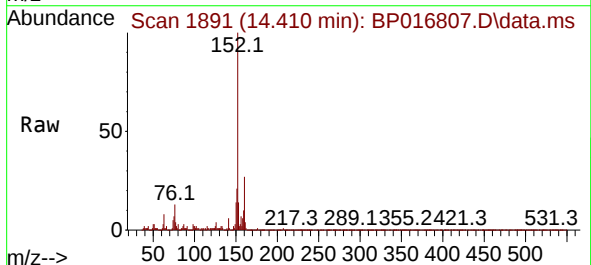
Instrument :
BNA_P
ClientSampleId :
DCHJ0

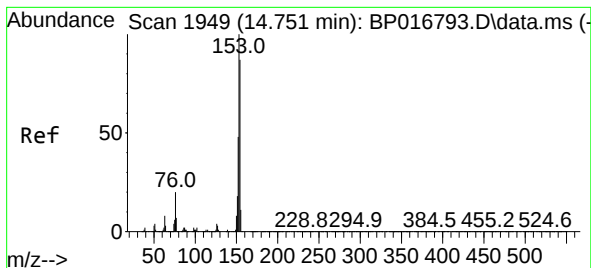
Tgt Ion:154 Resp: 1132398
Ion Ratio Lower Upper
154 100
153 41.6 32.7 49.1
76 14.0 11.3 16.9



#50
Acenaphthylene
Concen: 2.382 ng/ul
RT: 14.410 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP016807.D
Acq: 28 Aug 2023 23:48

Tgt Ion:152 Resp: 274084
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.0 10.6 15.8





#52

Acenaphthene

Concen: 21.768 ng/ul

RT: 14.746 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA_P

ClientSampleId :

DCHJ0

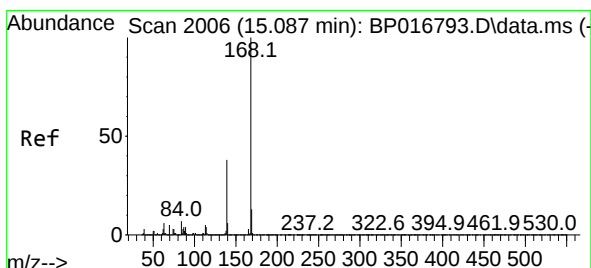
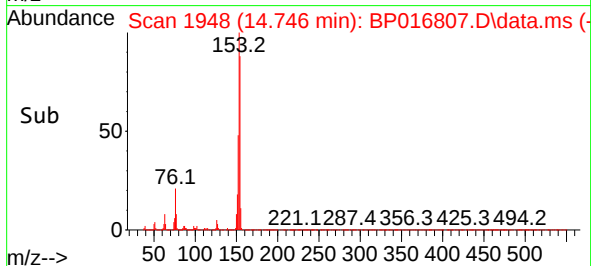
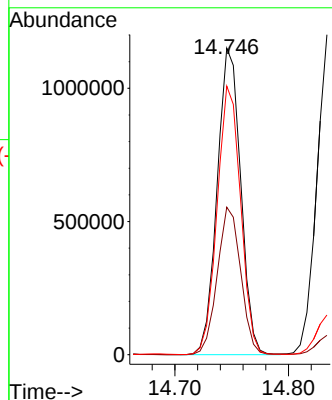
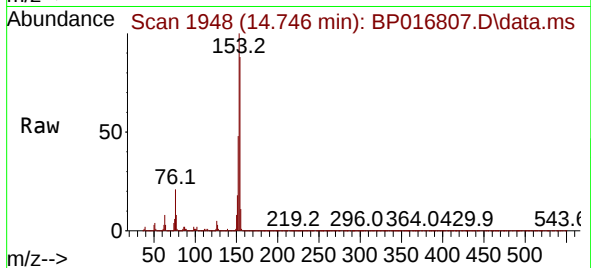
Tgt Ion:153 Resp: 1656898

Ion Ratio Lower Upper

153 100

152 48.1 38.5 57.7

154 87.6 70.6 105.8



#56

Dibenzofuran

Concen: 31.130 ng/ul

RT: 15.081 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP016807.D

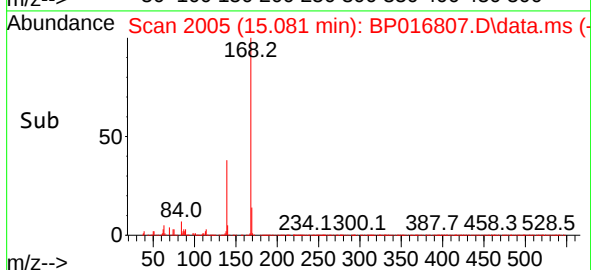
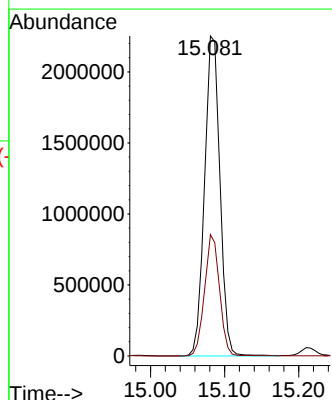
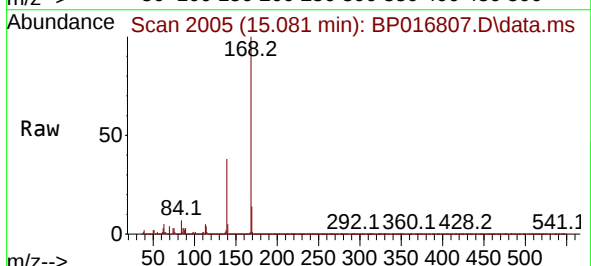
Acq: 28 Aug 2023 23:48

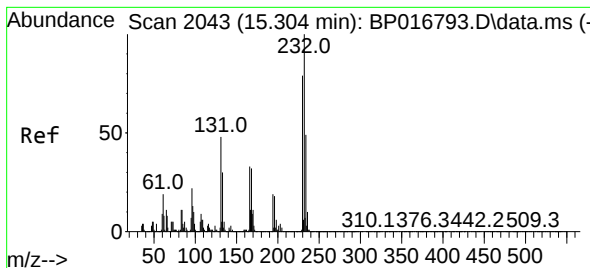
Tgt Ion:168 Resp: 3251222

Ion Ratio Lower Upper

168 100

139 37.9 29.2 43.8

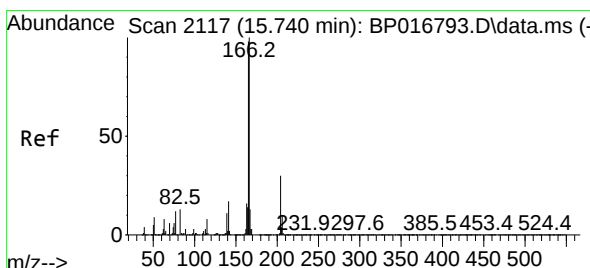
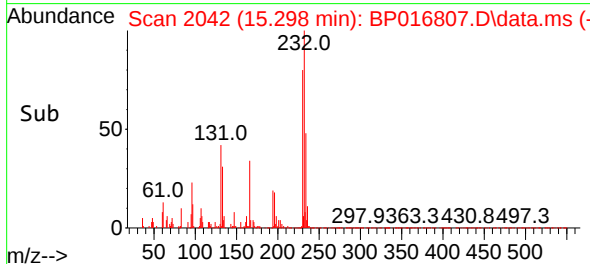
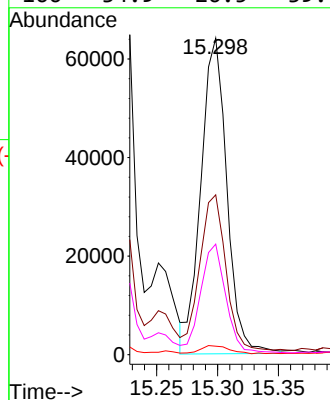
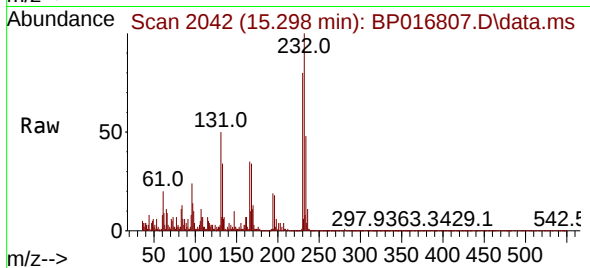




#58
2,3,4,6-Tetrachlorophenol
Concen: 4.602 ng/ul
RT: 15.298 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP016807.D
Acq: 28 Aug 2023 23:48

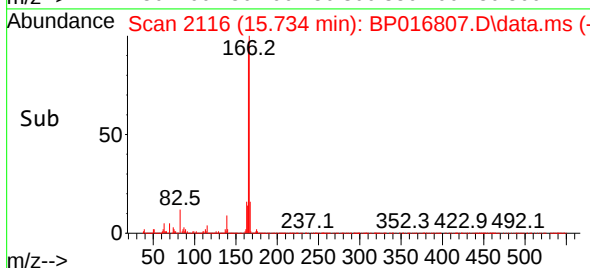
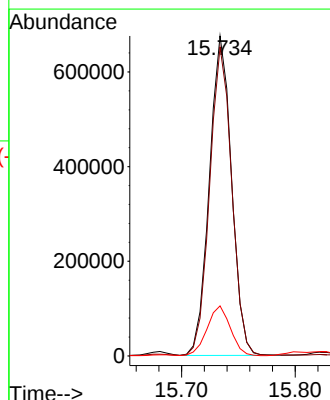
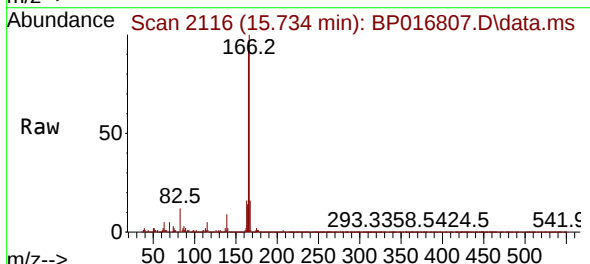
Instrument :
BNA_P
ClientSampleId :
DCHJ0

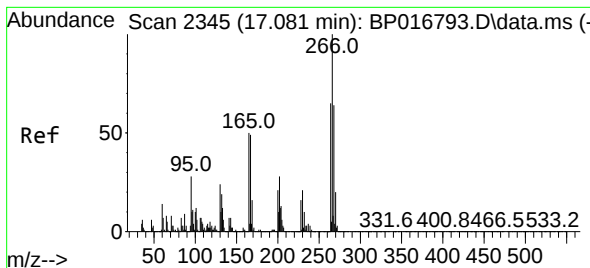
Tgt Ion:232	Resp:	95135
Ion Ratio	Lower	Upper
232	100	
131	50.5	38.1 57.1
130	2.7	1.9 2.9
166	34.9	26.5 39.7



#61
Fluorene
Concen: 10.482 ng/ul
RT: 15.734 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP016807.D
Acq: 28 Aug 2023 23:48

Tgt Ion:166	Resp:	915664
Ion Ratio	Lower	Upper
166	100	
165	96.6	78.8 118.2
167	15.7	10.9 16.3





#71

Pentachlorophenol

Concen: 16.450 ng/ul

RT: 17.075 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA_P

ClientSampleId :

DCHJ0

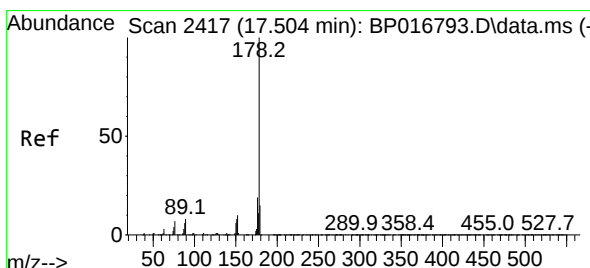
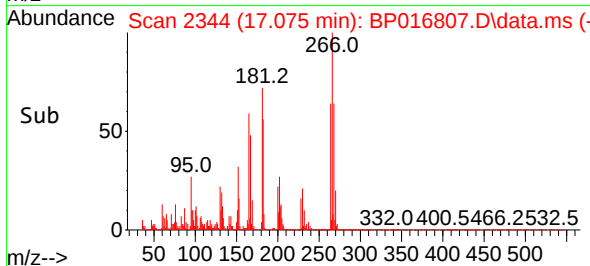
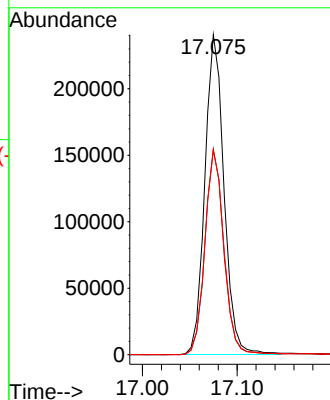
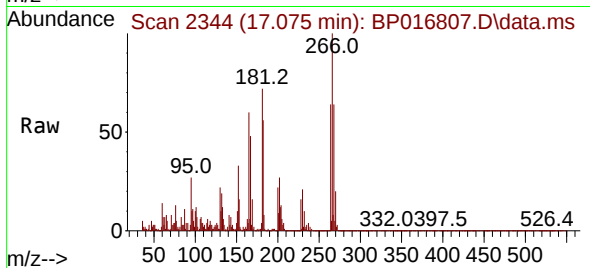
Tgt Ion:266 Resp: 337578

Ion Ratio Lower Upper

266 100

264 64.2 50.7 76.1

268 63.8 50.8 76.2



#72

Phenanthrene

Concen: 11.765 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

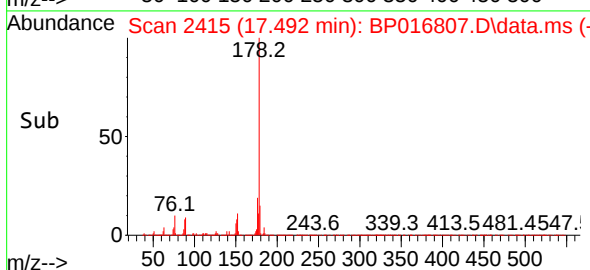
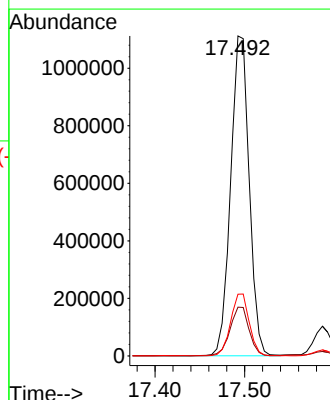
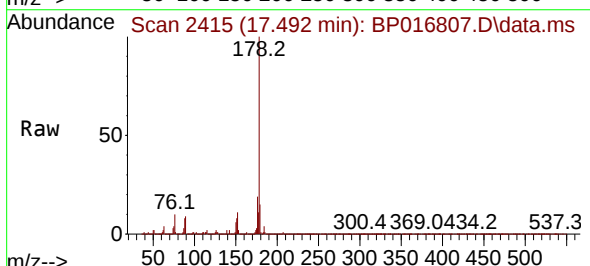
Tgt Ion:178 Resp: 1595085

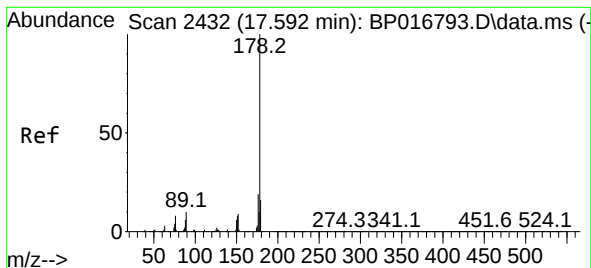
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.3 15.6 23.4





#74

Anthracene

Concen: 1.006 ng/ul

RT: 17.587 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Instrument :

BNA_P

ClientSampleId :

DCHJ0

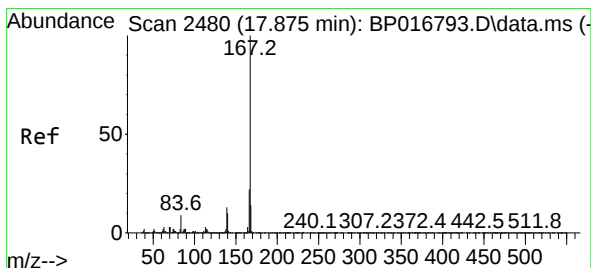
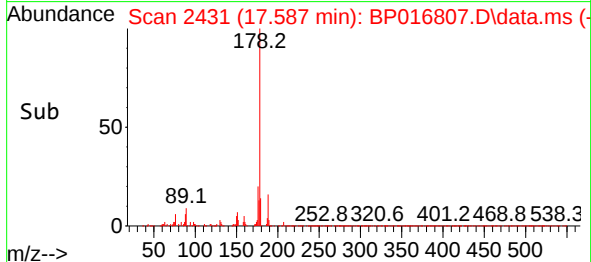
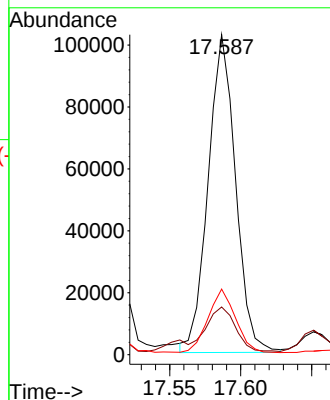
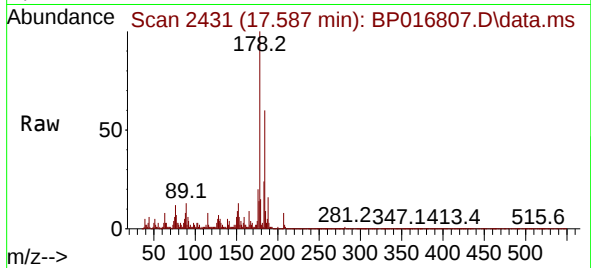
Tgt Ion:178 Resp: 137868

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

176 20.5 15.3 22.9



#77

Carbazole

Concen: 65.850 ng/ul

RT: 17.875 min Scan# 2480

Delta R.T. 0.006 min

Lab File: BP016807.D

Acq: 28 Aug 2023 23:48

Tgt Ion:167 Resp: 8129945

Ion Ratio Lower Upper

167 100

166 22.7 17.4 26.2

139 13.3 10.4 15.6

