

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
 Data File : BP014632.D
 Acq On : 10 Apr 2023 18:14
 Operator : CG/JU
 Sample : 02226-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB9D0

Quant Time: Apr 11 01:23:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 11 01:21:43 2023
 Response via : Initial Calibration

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

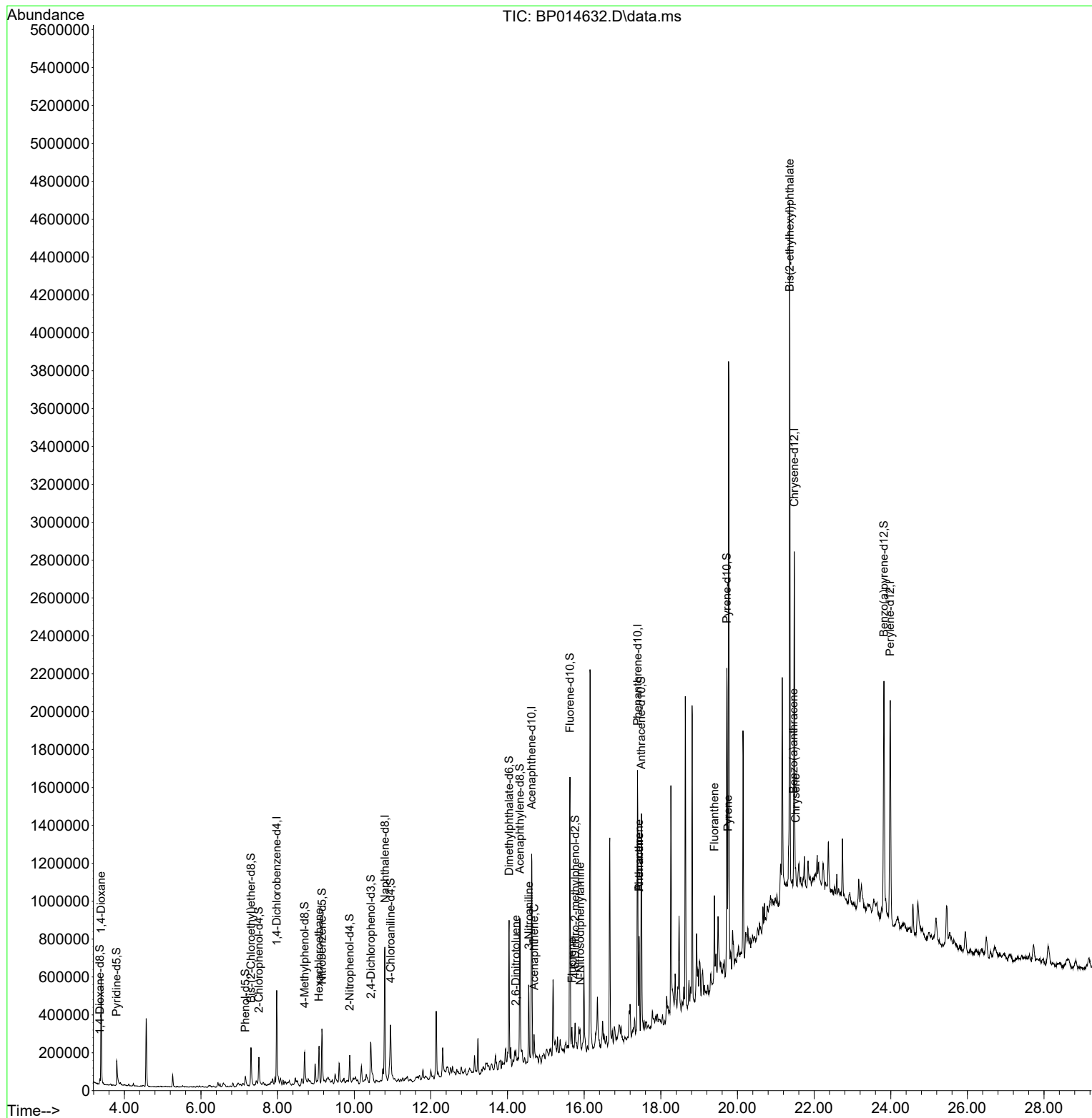
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	120330	20.000	ng/u1	0.00
20) Naphthalene-d8	10.799	136	514226	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	331089	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	748788	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	777314	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	897726	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	12593	4.058	ng/uL	0.00
4) Pyridine-d5	3.799	84	77691	9.770	ng/u1	0.00
7) Phenol-d5	7.158	99	32075	2.890	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.305	67	99611	13.990	ng/u1	0.00
11) 2-Chlorophenol-d4	7.511	132	61399	7.655	ng/u1	0.00
15) 4-Methylphenol-d8	8.705	113	70576	7.884	ng/u1	0.00
21) Nitrobenzene-d5	9.158	128	49038	11.813	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	37912	7.976	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	76053	8.785	ng/u1	0.01
31) 4-Chloroaniline-d4	10.952	131	142667	12.511	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	426122	15.873	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	432629	14.524	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	279	0.069	ng/u1	-0.01
60) Fluorene-d10	15.628	176	359922	16.077	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	25884	4.698	ng/u1	0.00
73) Anthracene-d10	17.492	188	612872	16.912	ng/u1	0.00
81) Pyrene-d10	19.722	212	755554	14.471	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.822	264	799712	16.767	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	243714	71.472	ng/uL	90
19) Hexachloroethane	9.081	117	14855	4.073	ng/u1#	3
48) 2,6-Dinitrotoluene	14.216	165	6679	1.274	ng/u1#	46
51) 3-Nitroaniline	14.557	138	8619	1.835	ng/u1#	1
52) Acenaphthene	14.693	153	51413	2.293	ng/u1	98
61) Fluorene	15.681	166	45253	1.772	ng/u1	98
67) N-Nitrosodiphenylamine	15.893	169	24634	1.057	ng/u1	96
72) Phenanthrene	17.434	178	288785	6.932	ng/u1	99
74) Anthracene	17.434	178	288999	6.883	ng/u1	99
80) Fluoranthene	19.398	202	231926	3.757	ng/u1	97
82) Pyrene	19.751	202	177401	2.752	ng/u1#	95
85) Benzo(a)anthracene	21.463	228	58518	1.062	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.363	149	1138801	37.512	ng/u1	99
87) Chrysene	21.522	228	55545	1.068	ng/u1	95

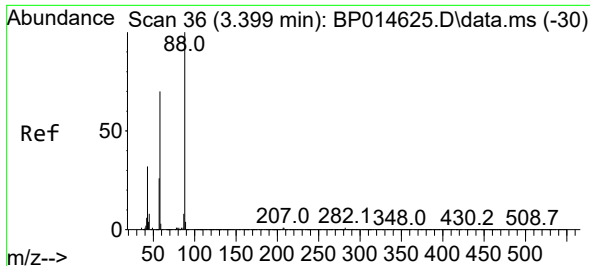
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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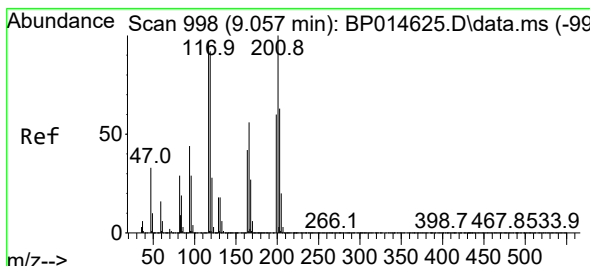
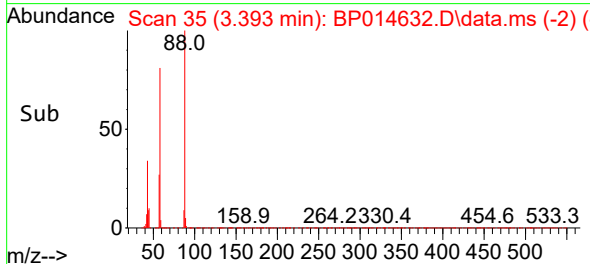
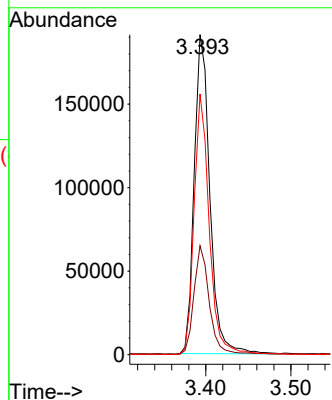
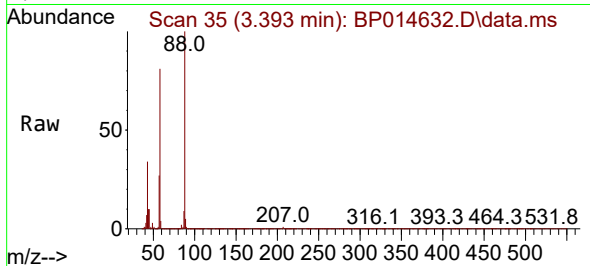




#2
1,4-Dioxane
Concen: 71.472 ng/uL
RT: 3.393 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014632.D
Acq: 10 Apr 2023 18:14

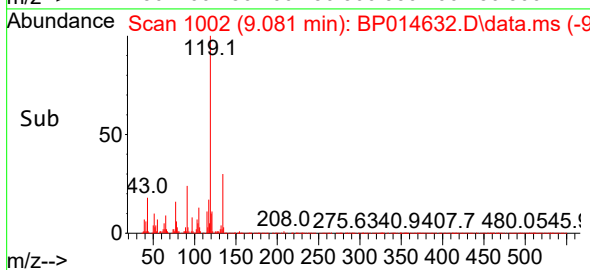
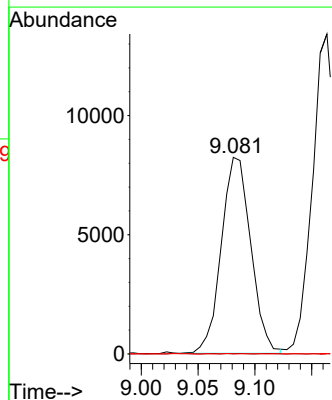
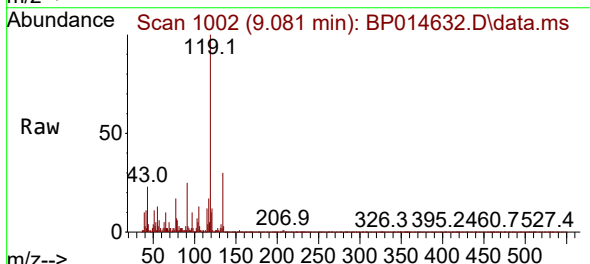
Instrument :
BNA_P
ClientSampleId :
CB9D0

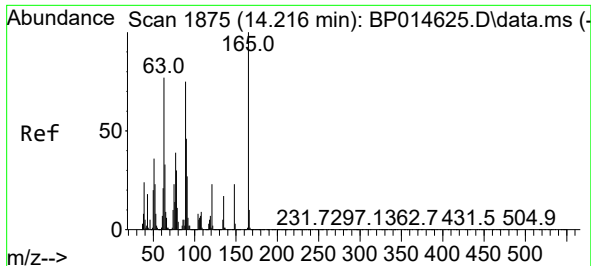
Tgt Ion: 88 Resp: 243714
Ion Ratio Lower Upper
88 100
43 34.1 24.4 36.6
58 81.5 57.4 86.0



#19
Hexachloroethane
Concen: 4.073 ng/uL
RT: 9.081 min Scan# 1002
Delta R.T. 0.024 min
Lab File: BP014632.D
Acq: 10 Apr 2023 18:14

Tgt Ion: 117 Resp: 14855
Ion Ratio Lower Upper
117 100
201 0.2 90.2 135.4#
199 0.0 54.2 81.2#

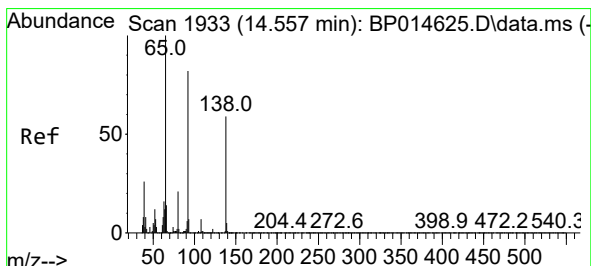
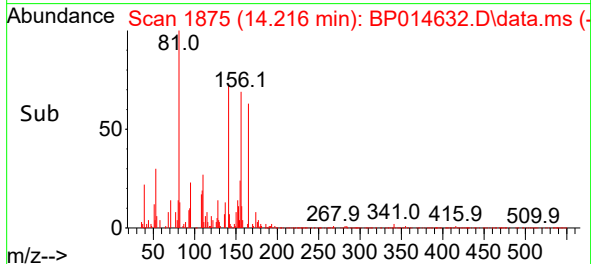
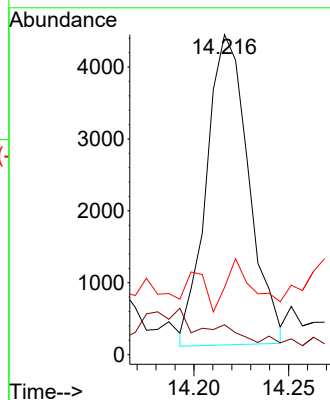
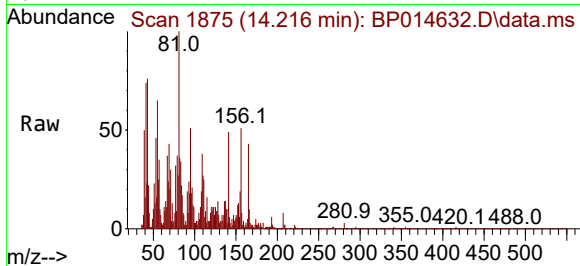




#48
2,6-Dinitrotoluene
Concen: 1.274 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP014632.D
Acq: 10 Apr 2023 18:14

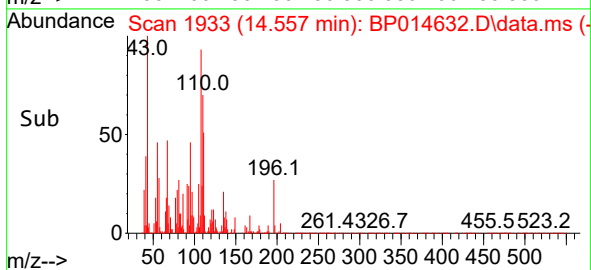
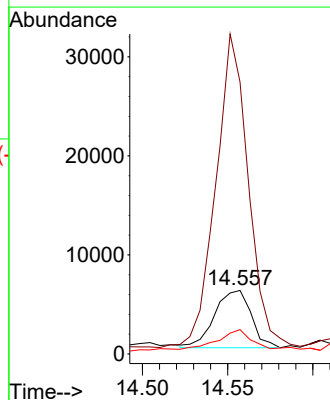
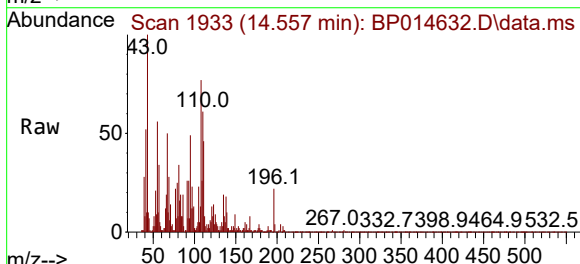
Instrument :
BNA_P
ClientSampleId :
CB9D0

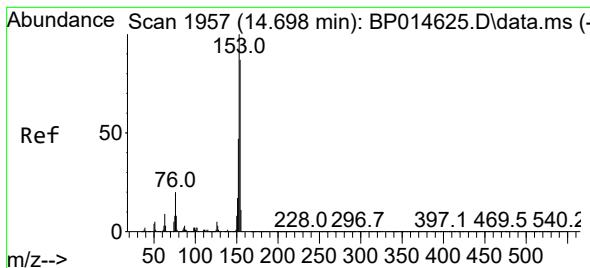
Tgt Ion:165 Resp: 6679
Ion Ratio Lower Upper
165 100
89 9.3 52.7 79.1#
121 21.0 17.9 26.9



#51
3-Nitroaniline
Concen: 1.835 ng/ul
RT: 14.557 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP014632.D
Acq: 10 Apr 2023 18:14

Tgt Ion:138 Resp: 8619
Ion Ratio Lower Upper
138 100
108 427.7 9.9 14.9#
92 38.4 107.6 161.4#





#52

Acenaphthene

Concen: 2.293 ng/ul

RT: 14.693 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

Instrument :

BNA_P

ClientSampleId :

CB9D0

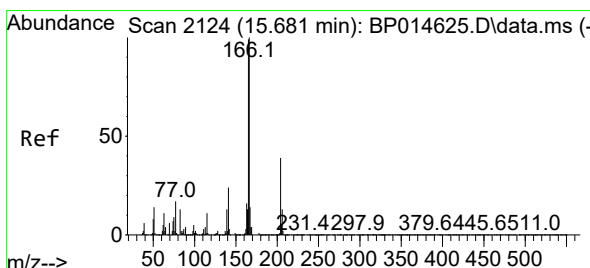
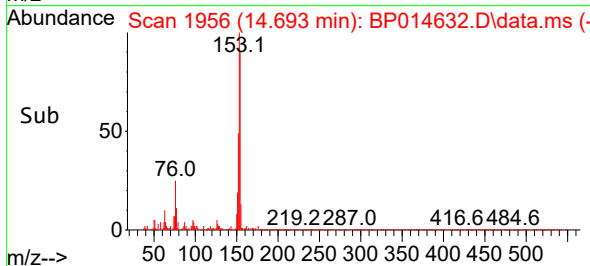
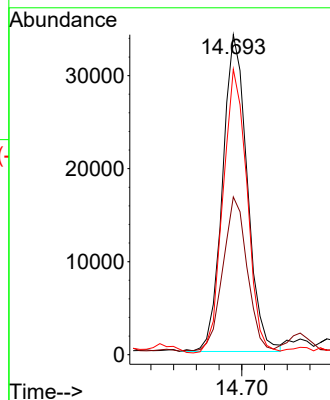
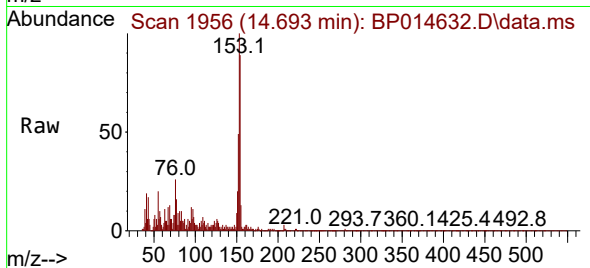
Tgt Ion:153 Resp: 51413

Ion Ratio Lower Upper

153 100

152 49.3 38.2 57.4

154 89.2 70.2 105.2



#61

Fluorene

Concen: 1.772 ng/ul

RT: 15.681 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

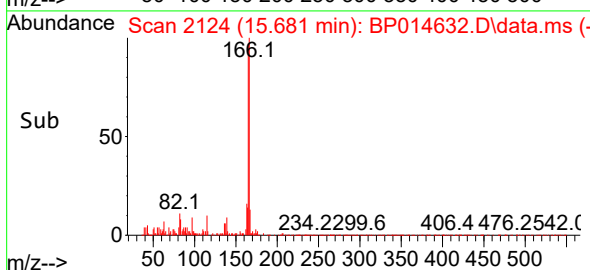
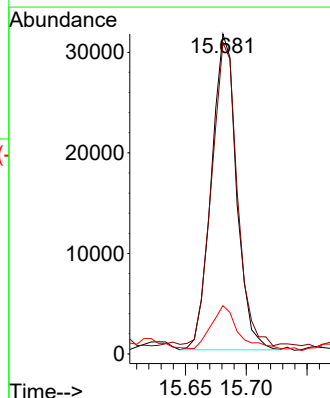
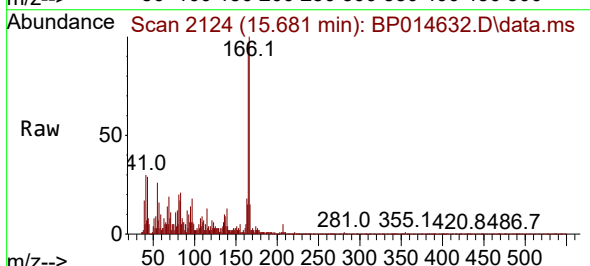
Tgt Ion:166 Resp: 45253

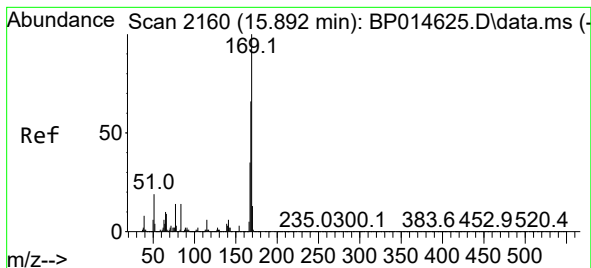
Ion Ratio Lower Upper

166 100

165 97.4 79.2 118.8

167 15.1 11.0 16.4





#67

N-Nitrosodiphenylamine

Concen: 1.057 ng/ul

RT: 15.893 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

Instrument :

BNA_P

ClientSampleId :

CB9D0

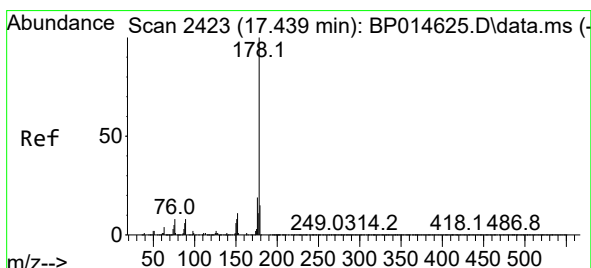
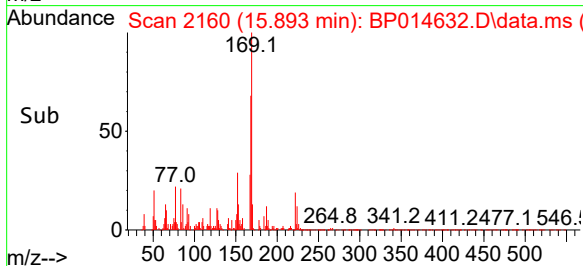
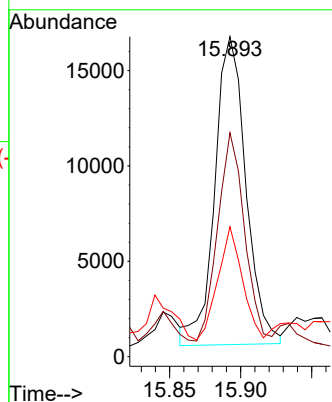
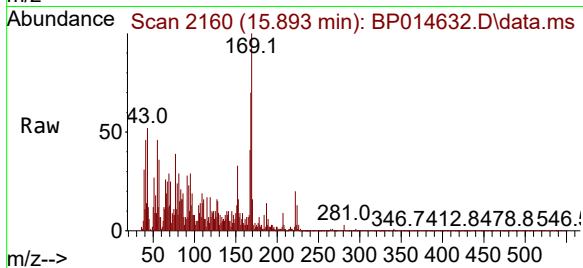
Tgt Ion:169 Resp: 24634

Ion Ratio Lower Upper

169 100

168 69.9 54.2 81.2

167 40.6 29.4 44.2



#72

Phenanthrene

Concen: 6.932 ng/ul

RT: 17.434 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

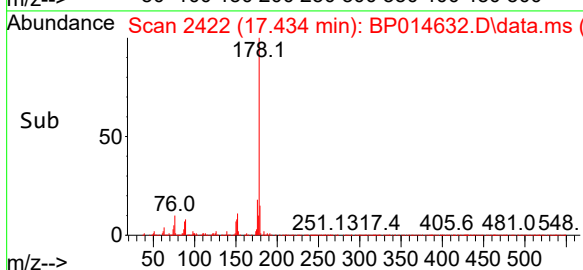
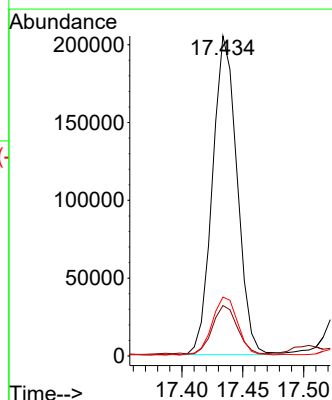
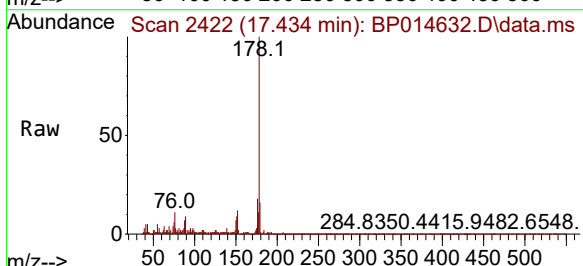
Tgt Ion:178 Resp: 288785

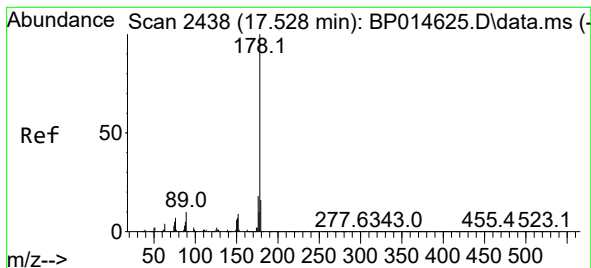
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 18.4 15.3 22.9





#74

Anthracene

Concen: 6.883 ng/ul

RT: 17.434 min Scan# 2438

Delta R.T. -0.094 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

Instrument :

BNA_P

ClientSampleId :

CB9D0

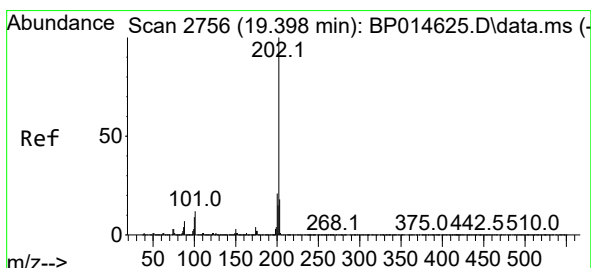
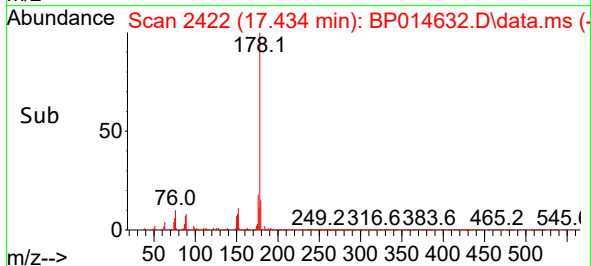
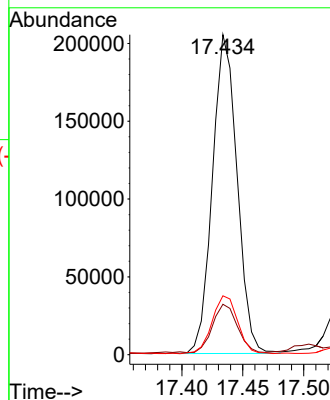
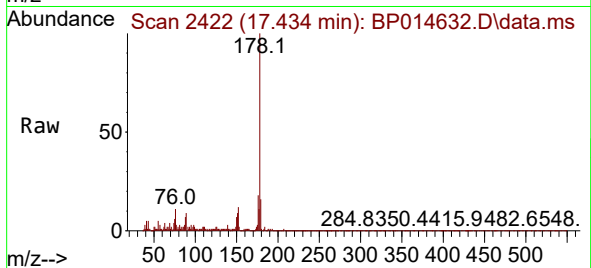
Tgt Ion:178 Resp: 288999

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 18.4 14.9 22.3



#80

Fluoranthene

Concen: 3.757 ng/ul

RT: 19.398 min Scan# 2756

Delta R.T. 0.000 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

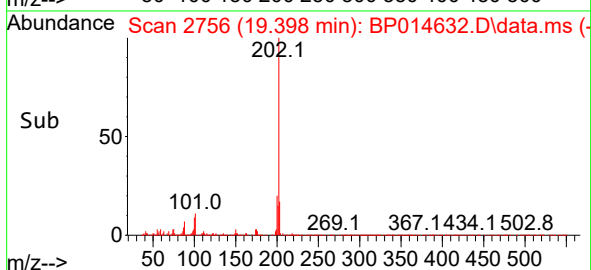
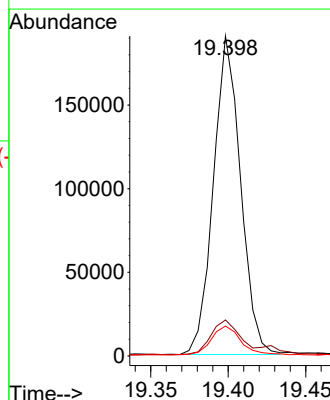
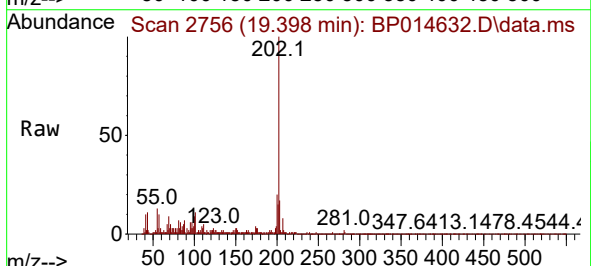
Tgt Ion:202 Resp: 231926

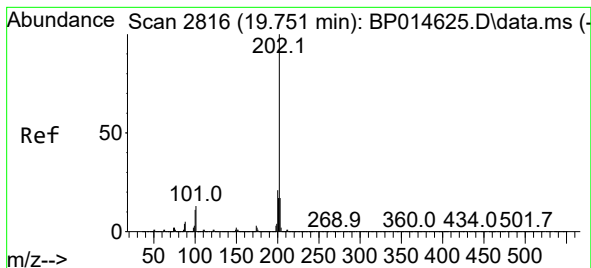
Ion Ratio Lower Upper

202 100

101 11.2 8.2 12.2

100 9.4 6.4 9.6





#82

Pyrene

Concen: 2.752 ng/ul

RT: 19.751 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

Instrument :

BNA_P

ClientSampleId :

CB9D0

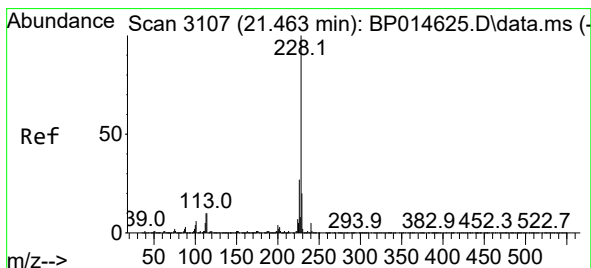
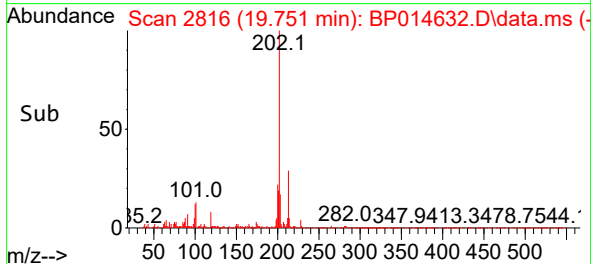
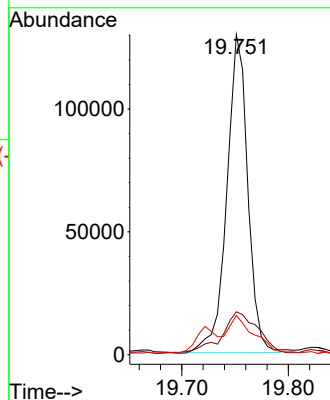
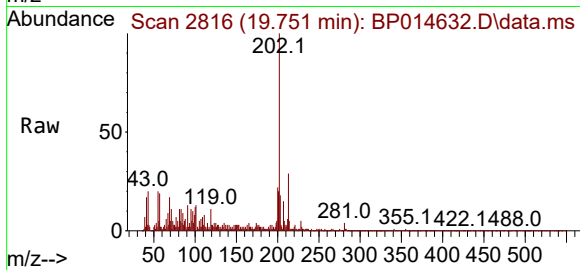
Tgt Ion:202 Resp: 177401

Ion Ratio Lower Upper

202 100

101 13.4 9.7 14.5

100 12.3 8.0 12.0#



#85

Benzo(a)anthracene

Concen: 1.062 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

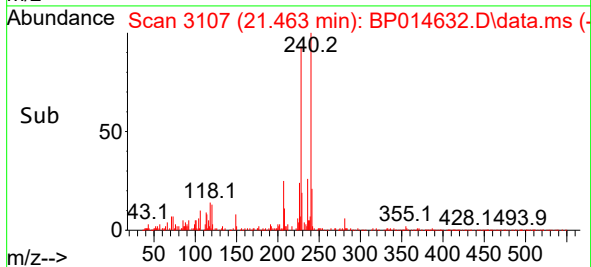
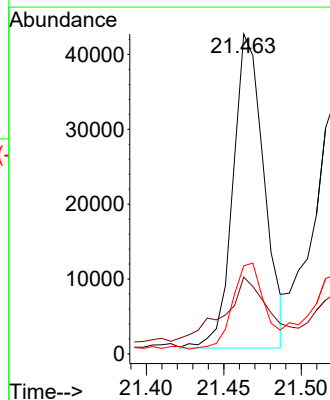
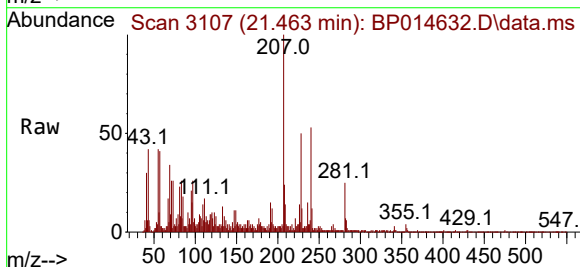
Tgt Ion:228 Resp: 58518

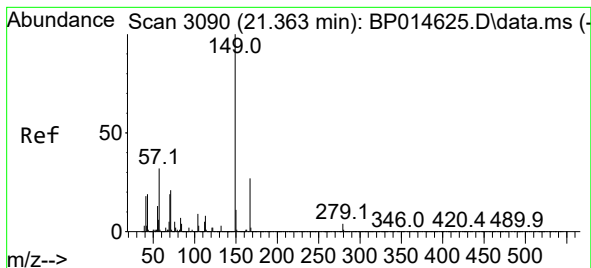
Ion Ratio Lower Upper

228 100

229 24.0 15.6 23.4#

226 27.5 21.8 32.6





#86

Bis(2-ethylhexyl)phthalate

Concen: 37.512 ng/ul

RT: 21.363 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

Instrument :

BNA_P

ClientSampleId :

CB9D0

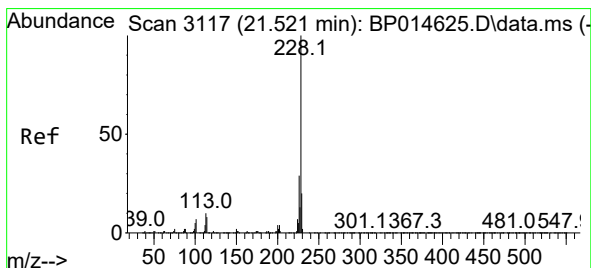
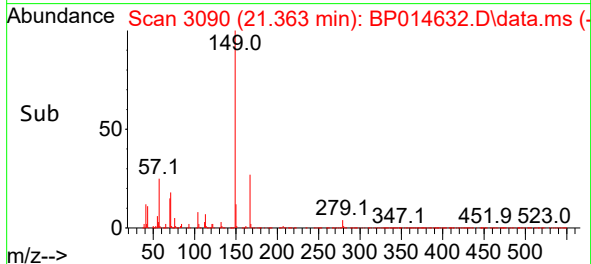
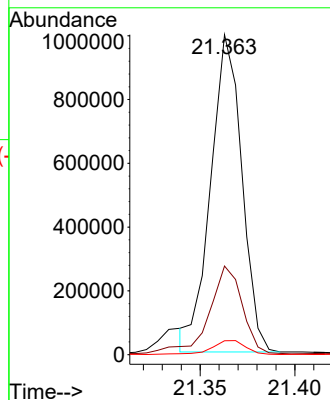
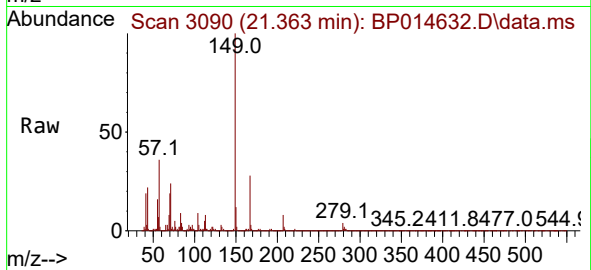
Tgt Ion:149 Resp: 1138801

Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 4.4 3.7 5.5



#87

Chrysene

Concen: 1.068 ng/ul

RT: 21.522 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP014632.D

Acq: 10 Apr 2023 18:14

Tgt Ion:228 Resp: 55545

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

229 23.7 16.1 24.1

