

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
 Data File : BP012437.D
 Acq On : 01 Nov 2022 20:45
 Operator : CG/JU
 Sample : N5300-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHA73

Quant Time: Nov 01 23:01:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 01 01:03:58 2022
 Response via : Initial Calibration

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

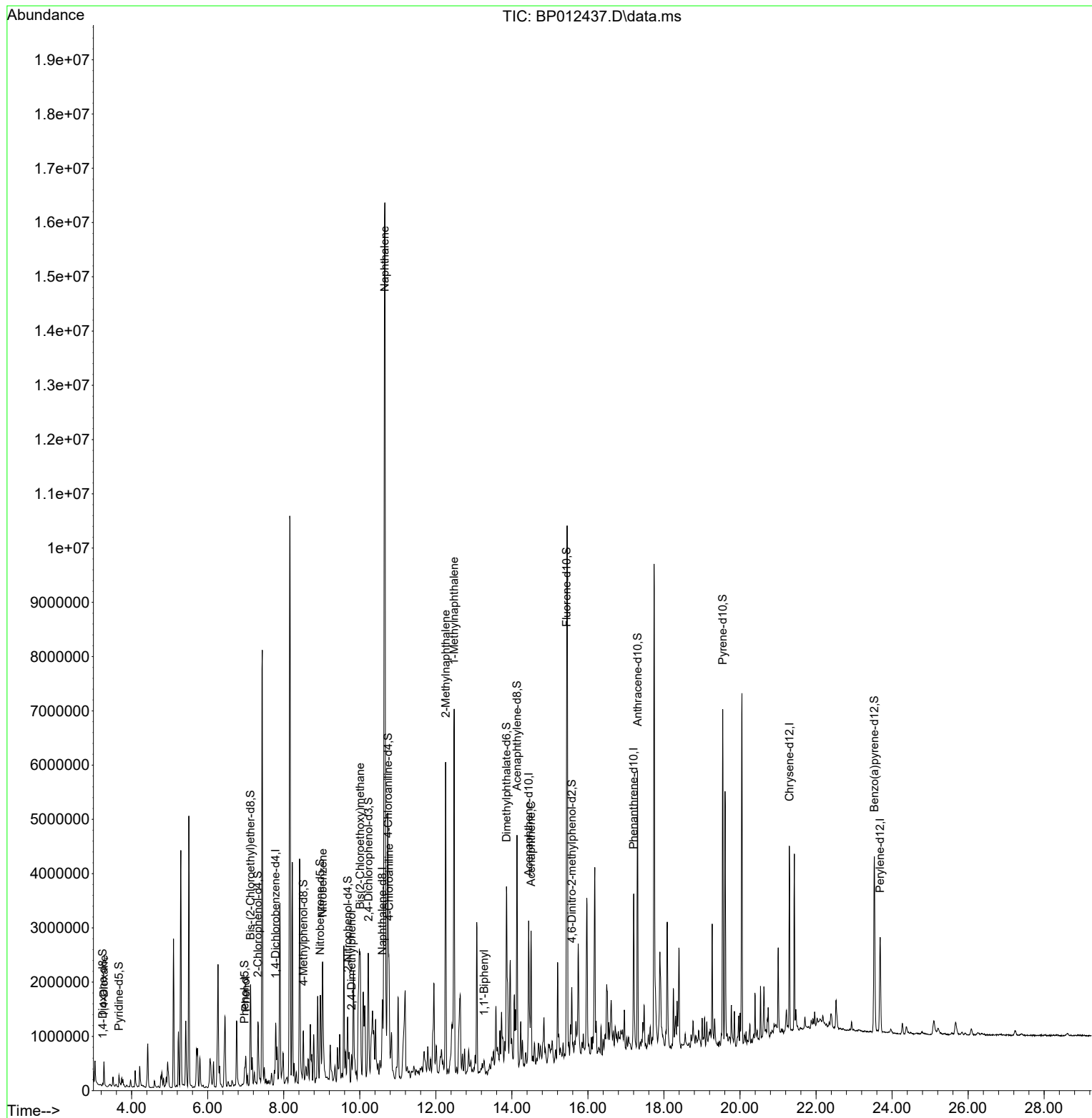
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	295439	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	1290473	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	820621	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1736245	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1600177	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1346755	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	28316	3.859	ng/uL	0.00
4) Pyridine-d5	3.664	84	137588	6.528	ng/u1	0.00
7) Phenol-d5	6.969	99	226883	8.562	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	536577	33.920	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	580652	30.006	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	394646	18.830	ng/u1	0.00
21) Nitrobenzene-d5	8.958	128	362488	43.316	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	390223	44.926	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	673200	35.763	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	589060	21.017	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	2144175	38.169	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	2424537	37.767	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	1636	0.154	ng/u1	-0.02
60) Fluorene-d10	15.440	176	1738346	36.143	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	266425	29.473	ng/u1	0.00
73) Anthracene-d10	17.304	188	2894257	38.688	ng/u1	0.00
81) Pyrene-d10	19.545	212	3266763	40.662	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	2528669	38.427	ng/u1	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	230872	29.597	ng/uL	100
8) Phenol	6.999	94	132992	4.827	ng/u1#	92
22) Nitrobenzene	9.022	77	103908	4.759	ng/u1#	67
26) 2,4-Dimethylphenol	9.781	107	177030	7.741	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.010	93	43879	1.501	ng/u1#	1
30) Naphthalene	10.658	128	17536619	256.410	ng/u1	97
32) 4-Chloroaniline	10.769	127	44496	1.543	ng/u1	96
36) 2-Methylnaphthalene	12.257	142	2712353	57.847	ng/u1	100
37) 1-Methylnaphthalene	12.481	142	3290665	70.273	ng/u1	99
43) 1,1'-Biphenyl	13.269	154	104829	1.737	ng/u1	96
52) Acenaphthene	14.504	153	926164	18.305	ng/u1	99

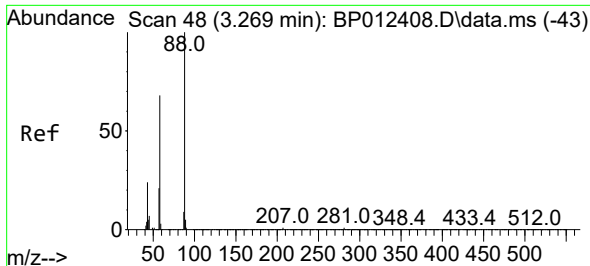
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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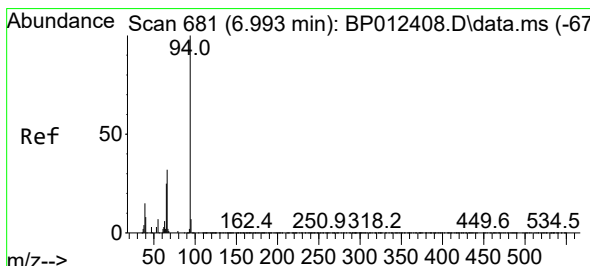
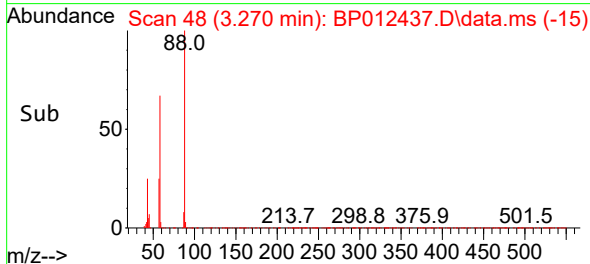
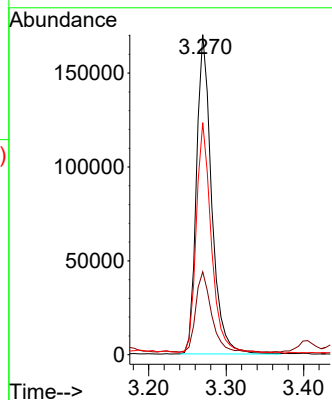
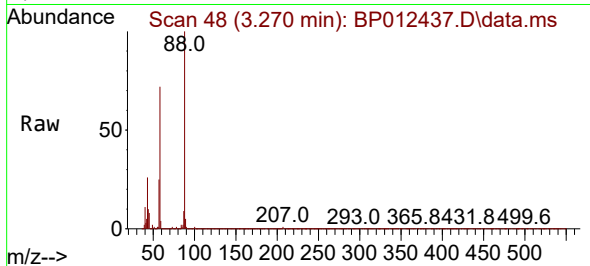




#2
1,4-Dioxane
Concen: 29.597 ng/uL
RT: 3.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP012437.D
Acq: 01 Nov 2022 20:45

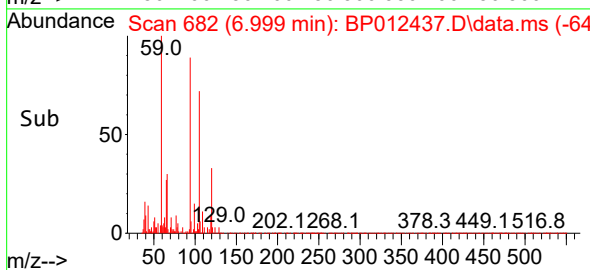
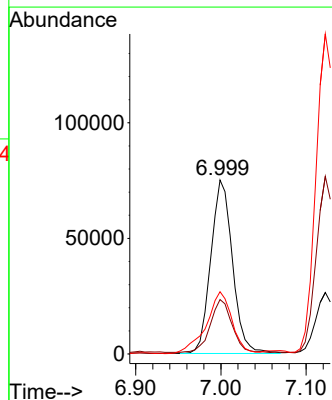
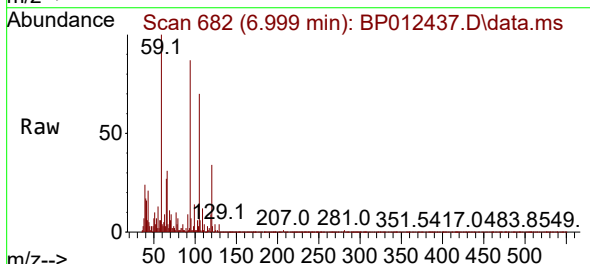
Instrument :
BNA_P
ClientSampleId :
BHA73

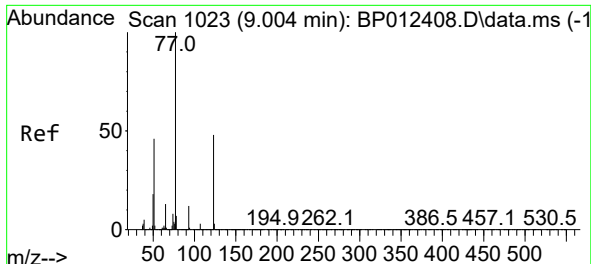
Tgt Ion: 88 Resp: 230872
Ion Ratio Lower Upper
88 100
43 25.9 20.6 31.0
58 72.5 58.0 87.0



#8
Phenol
Concen: 4.827 ng/uL
RT: 6.999 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP012437.D
Acq: 01 Nov 2022 20:45

Tgt Ion: 94 Resp: 132992
Ion Ratio Lower Upper
94 100
65 31.3 20.8 31.2#
66 35.8 26.2 39.2

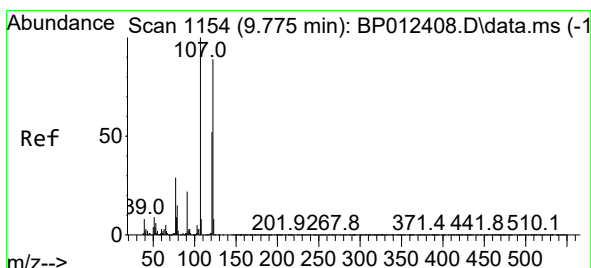
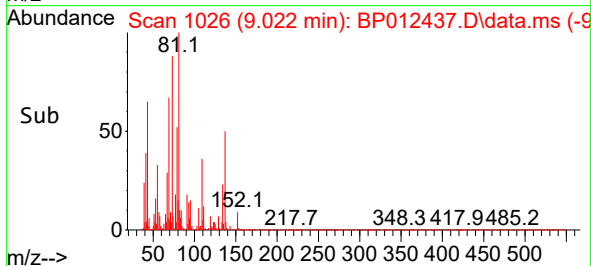
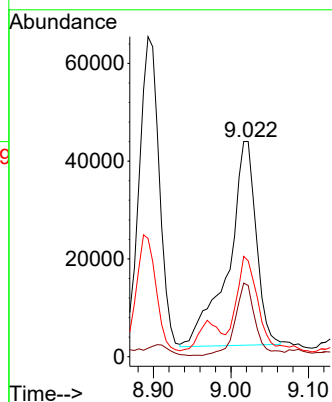
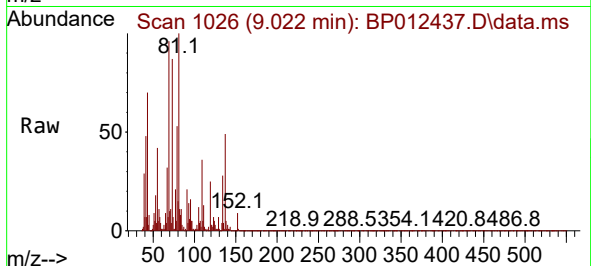




#22
Nitrobenzene
Concen: 4.759 ng/ul
RT: 9.022 min Scan# 1023
Delta R.T. 0.018 min
Lab File: BP012437.D
Acq: 01 Nov 2022 20:45

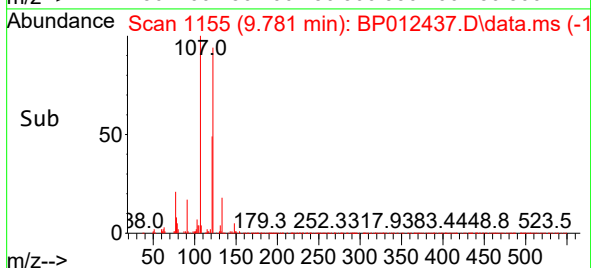
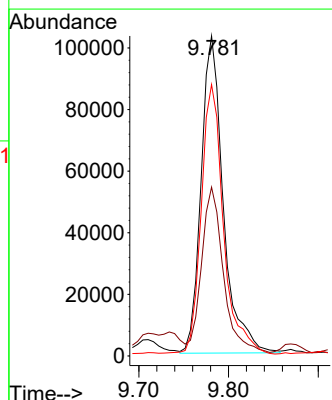
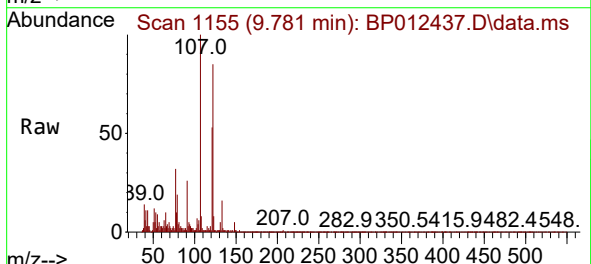
Instrument :
BNA_P
ClientSampleId :
BHA73

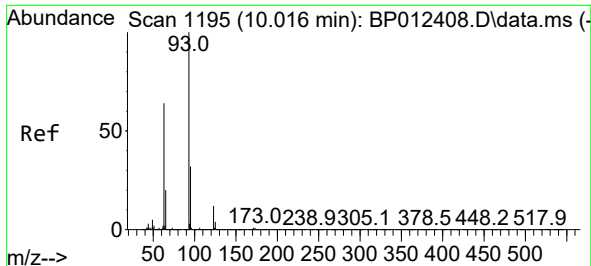
Tgt Ion: 77 Resp: 103908
Ion Ratio Lower Upper
77 100
123 33.1 37.4 56.2#
65 44.5 10.2 15.2#



#26
2,4-Dimethylphenol
Concen: 7.741 ng/ul
RT: 9.781 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BP012437.D
Acq: 01 Nov 2022 20:45

Tgt Ion: 107 Resp: 177030
Ion Ratio Lower Upper
107 100
121 52.8 40.9 61.3
122 84.8 70.6 105.8

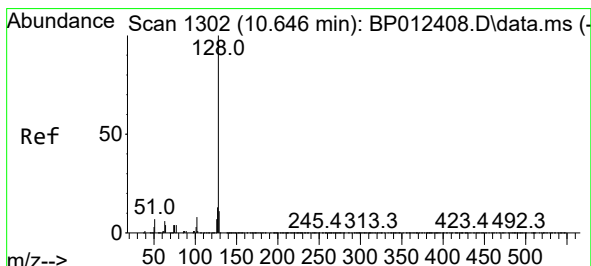
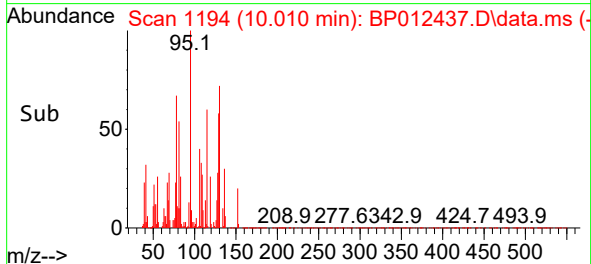
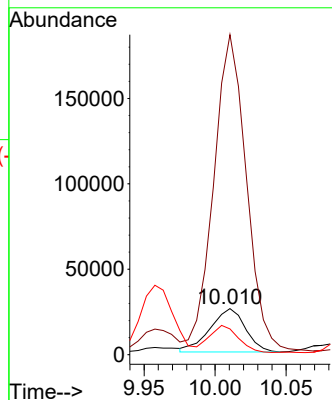
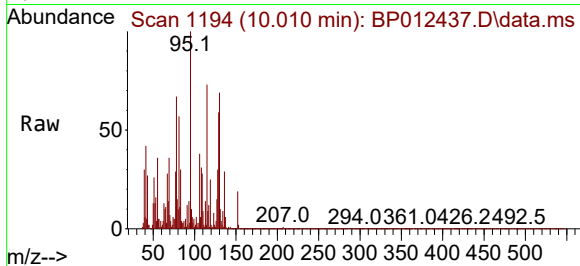




#27
 Bis(2-Chloroethoxy)methane
 Concen: 1.501 ng/ul
 RT: 10.010 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BP012437.D
 Acq: 01 Nov 2022 20:45

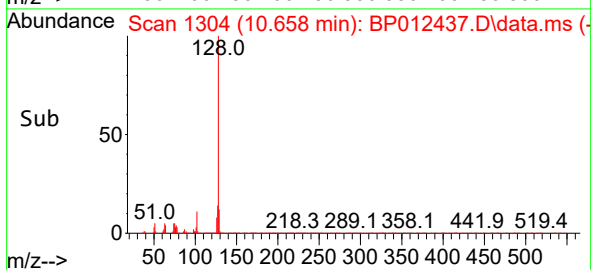
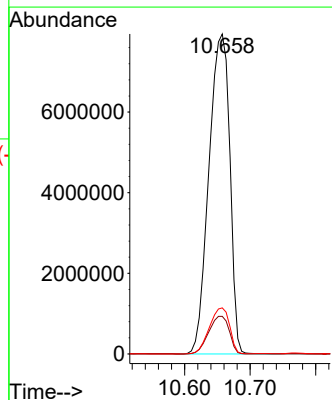
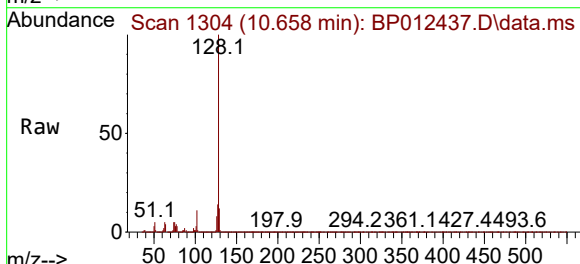
Instrument :
 BNA_P
 ClientSampleId :
 BHA73

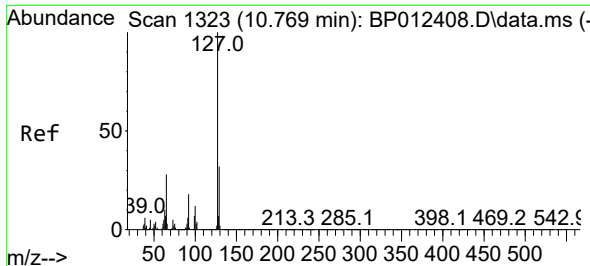
Tgt Ion: 93 Resp: 43879
 Ion Ratio Lower Upper
 93 100
 95 693.4 26.0 39.0#
 123 55.7 9.0 13.4#



#30
 Naphthalene
 Concen: 256.410 ng/ul
 RT: 10.658 min Scan# 1304
 Delta R.T. 0.012 min
 Lab File: BP012437.D
 Acq: 01 Nov 2022 20:45

Tgt Ion: 128 Resp: 17536619
 Ion Ratio Lower Upper
 128 100
 129 11.7 8.9 13.3
 127 14.4 10.5 15.7

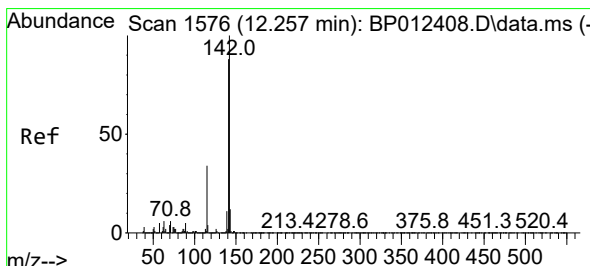
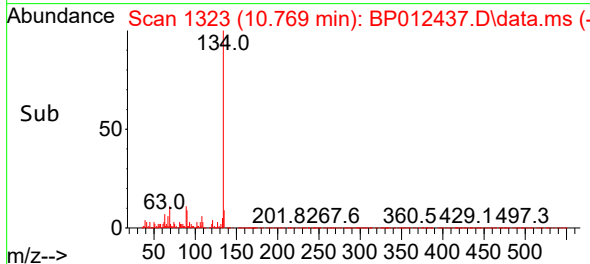
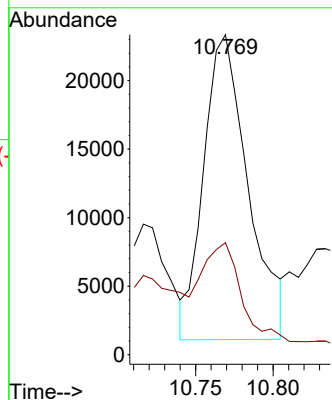
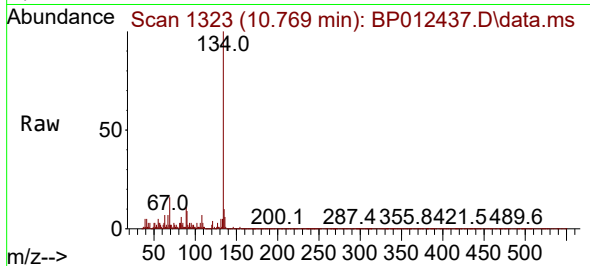




#32
4-Chloroaniline
Concen: 1.543 ng/ul
RT: 10.769 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP012437.D
Acq: 01 Nov 2022 20:45

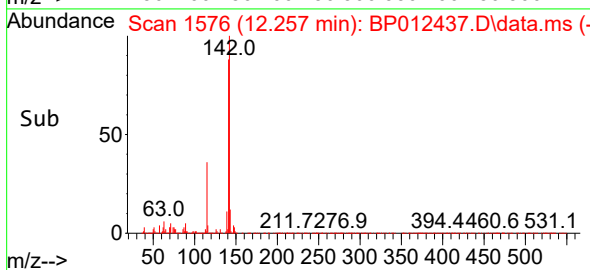
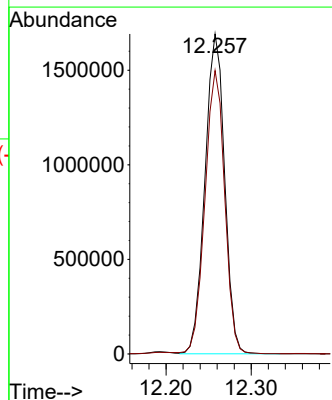
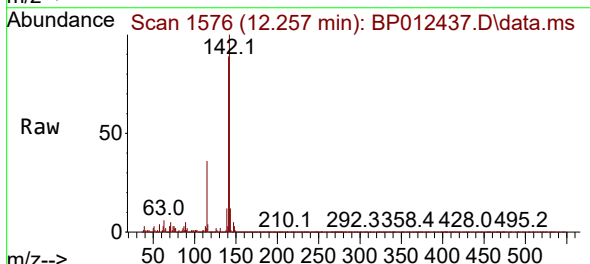
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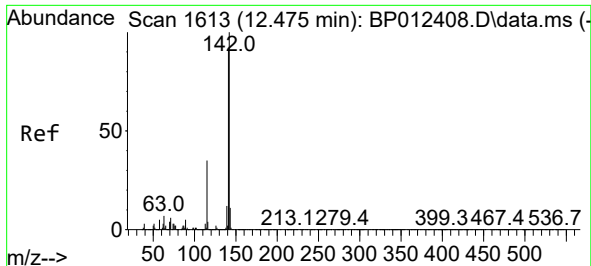
Tgt Ion:127 Resp: 44496
Ion Ratio Lower Upper
127 100
129 35.0 26.0 39.0



#36
2-Methylnaphthalene
Concen: 57.847 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP012437.D
Acq: 01 Nov 2022 20:45

Tgt Ion:142 Resp: 2712353
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0





#37

1-Methylnaphthalene

Concen: 70.273 ng/ul

RT: 12.481 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012437.D

Acq: 01 Nov 2022 20:45

Instrument :

BNA_P

ClientSampleId :

BHA73

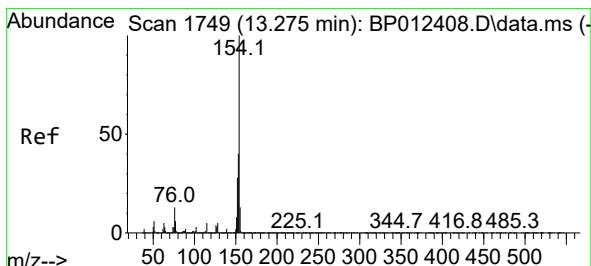
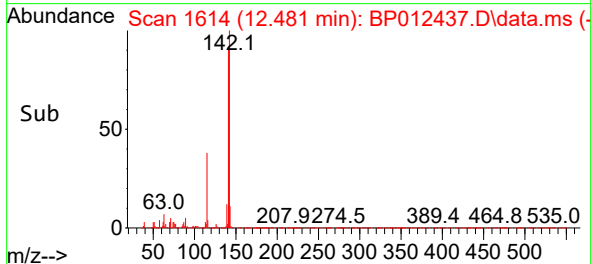
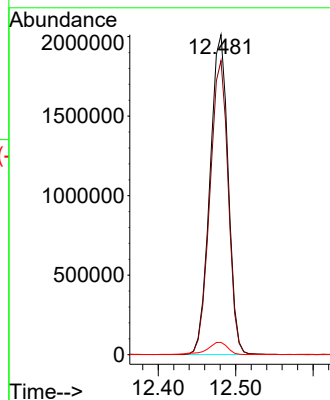
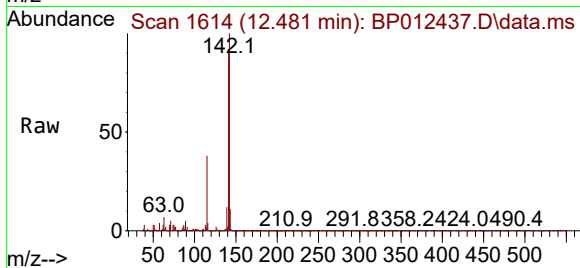
Tgt Ion:142 Resp: 3290665

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7

116 3.8 3.0 4.6



#43

1,1'-Biphenyl

Concen: 1.737 ng/ul

RT: 13.269 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BP012437.D

Acq: 01 Nov 2022 20:45

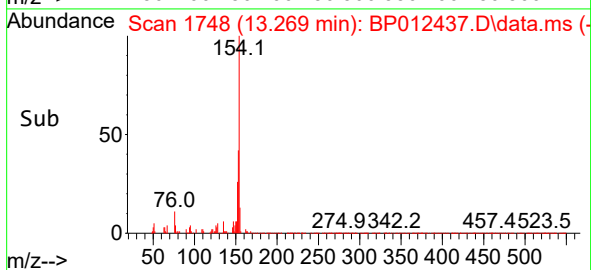
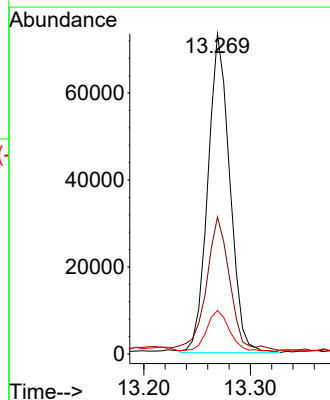
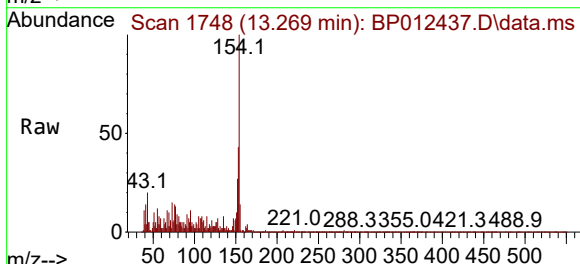
Tgt Ion:154 Resp: 104829

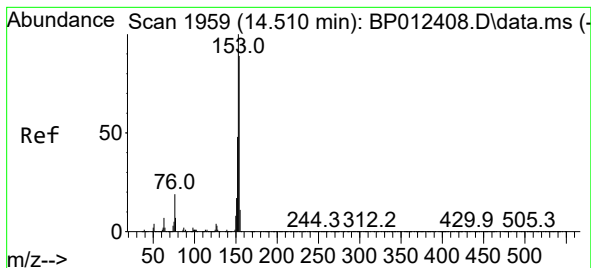
Ion Ratio Lower Upper

154 100

153 42.8 31.9 47.9

76 13.6 10.6 16.0





#52

Acenaphthene

Concen: 18.305 ng/ul

RT: 14.504 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BP012437.D

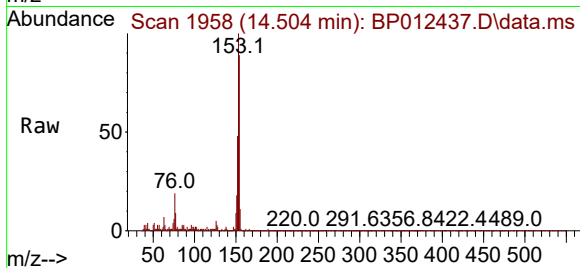
Acq: 01 Nov 2022 20:45

Instrument :

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Tgt Ion:153 Resp: 926164

Ion Ratio Lower Upper

153 100

152 48.3 38.6 58.0

154 88.8 71.6 107.4

