

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
 Data File : BP013429.D
 Acq On : 10 Jan 2023 15:51
 Operator : CG/JU
 Sample : 01050-08MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 10 23:21:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	521179	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	2116492	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	1262616	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	2628501	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	2444231	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	2752682	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	68902	5.139	ng/uL	0.00
4) Pyridine-d5	3.734	84	878597	23.493	ng/u1	0.00
7) Phenol-d5	7.075	99	1277749	29.546	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	829222	30.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	1032206	32.005	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	954996	28.985	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	494794	32.833	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	559497	33.916	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	1055396	32.102	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	1189149	25.675	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	2873772	31.240	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	3293594	32.345	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	435169	25.845	ng/u1	0.00
60) Fluorene-d10	15.557	176	2453914	30.200	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	463483	27.809	ng/u1	0.00
73) Anthracene-d10	17.422	188	3660823	31.510	ng/u1	0.00
81) Pyrene-d10	19.651	212	4341803	32.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	4332757	32.044	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	173580	11.755	ng/uL	97
5) Pyridine	3.752	79	1166540	30.847	ng/u1	98
6) Benzaldehyde	7.052	77	856232	51.910	ng/u1	95
8) Phenol	7.105	94	1515880	33.881	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.340	93	1243365	35.144	ng/u1	99
12) 2-Chlorophenol	7.475	128	1208983	35.985	ng/u1	98
13) 2-Methylphenol	8.363	108	1130276	35.177	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.452	45	1978106	36.233	ng/u1	98
16) Acetophenone	8.746	105	1799461	34.604	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.734	70	942499	37.910	ng/u1	98
18) 4-Methylphenol	8.693	108	1223157	34.633	ng/u1	98
19) Hexachloroethane	8.999	117	505521	37.343	ng/u1	98
22) Nitrobenzene	9.128	77	1371678	34.871	ng/u1	97
23) Isophorone	9.657	82	2560199	37.191	ng/u1	99
25) 2-Nitrophenol	9.840	139	688071	38.363	ng/u1	98
26) 2,4-Dimethylphenol	9.899	107	1294118	34.585	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.140	93	1632545	35.888	ng/u1	98
29) 2,4-Dichlorophenol	10.375	162	1168679	35.531	ng/u1	98
30) Naphthalene	10.781	128	3778728	33.561	ng/u1	99
32) 4-Chloroaniline	10.893	127	1362203	29.253	ng/u1	99
33) Hexachlorobutadiene	11.057	225	843426	35.709	ng/u1	98
34) Caprolactam	11.681	113	208296	21.286	ng/u1	95
35) 4-Chloro-3-methylphenol	12.016	107	1155601	36.404	ng/u1	99
36) 2-Methylnaphthalene	12.387	142	2530204	35.139	ng/u1	98

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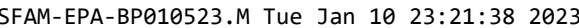
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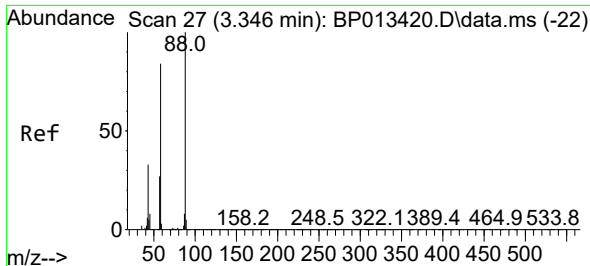
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 01:03:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	2519486	33.732	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	1535094	35.464	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	904588	34.737	ng/ul	99
41) 2,4,6-Trichlorophenol	12.992	196	978227	38.417	ng/ul	98
42) 2,4,5-Trichlorophenol	13.069	196	1040335	37.544	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	3387589	35.340	ng/ul	100
44) 2-Chloronaphthalene	13.440	162	2671907	34.542	ng/ul	99
45) 2-Nitroaniline	13.645	65	730060	39.001	ng/ul	98
47) Dimethylphthalate	14.016	163	3223971	35.079	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	650341	40.863	ng/ul	93
50) Acenaphthylene	14.287	152	3988209	35.539	ng/ul	100
51) 3-Nitroaniline	14.475	138	589726	34.984	ng/ul	95
52) Acenaphthene	14.628	153	2755169	34.303	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	401207	33.867	ng/ul	99
55) 4-Nitrophenol	14.781	109	416600	32.551	ng/ul	97
56) Dibenzofuran	14.963	168	3839713	33.286	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	911489	38.530	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.186	232	883703	36.558	ng/ul	97
59) Diethylphthalate	15.381	149	3110985	36.165	ng/ul	99
61) Fluorene	15.610	166	3098601	33.651	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.604	204	1650859	34.332	ng/ul	96
63) 4-Nitroaniline	15.639	138	614547	39.430	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	583640	35.477	ng/ul#	97
67) N-Nitrosodiphenylamine	15.822	169	2595044	36.504	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	1021127	37.505	ng/ul	96
69) Hexachlorobenzene	16.622	284	1179099	35.917	ng/ul	97
70) Atrazine	16.775	200	989596	36.414	ng/ul	98
71) Pentachlorophenol	16.969	266	696048	35.621	ng/ul	97
72) Phenanthrene	17.363	178	4794113	34.307	ng/ul	99
74) Anthracene	17.457	178	4811661	34.858	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	1524982	38.418	ng/uL	99
76) Pentachlorobenzene	14.881	250	1412747	36.555	ng/uL	99
77) Carbazole	17.728	167	4202740	35.152	ng/ul	99
78) Di-n-butylphthalate	18.269	149	5294527	45.155	ng/ul	99
80) Fluoranthene	19.327	202	5689724	37.381	ng/ul	98
82) Pyrene	19.680	202	5865868	36.372	ng/ul	98
83) Butylbenzylphthalate	20.545	149	2330474	47.621	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.321	252	1645788	36.536	ng/ul	99
85) Benzo(a)anthracene	21.392	228	5820920	35.961	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.304	149	3581730	52.542	ng/ul	99
87) Chrysene	21.445	228	5523962	35.013	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	6010366	50.942	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	6071354	34.876	ng/ul	100
91) Benzo(k)fluoranthene	23.168	252	6129850	36.902	ng/ul	100
93) Benzo(a)pyrene	23.762	252	5448194	35.644	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	7270863	34.331	ng/ul	100
95) Dibenzo(a,h)anthracene	26.462	278	6173512	34.944	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	6055976	34.766	ng/ul	99

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

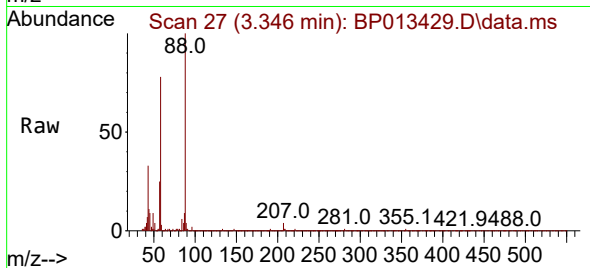
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QLast Update : Fri Jan 06 01:03:32 2023
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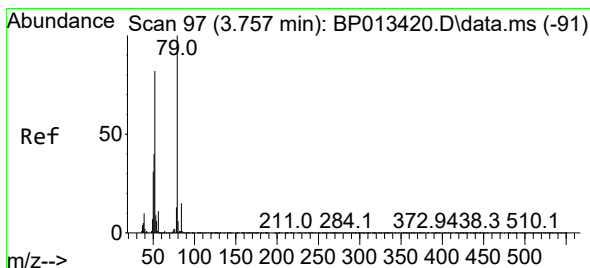
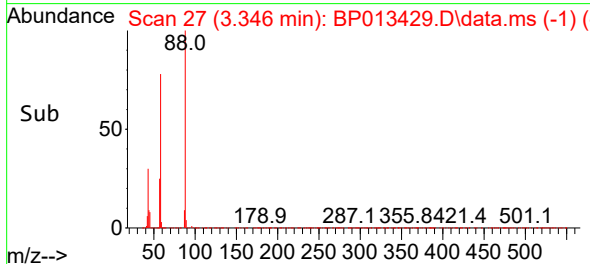
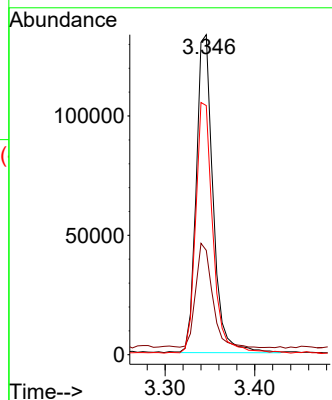


#2
 1,4-Dioxane
 Concen: 11.755 ng/uL
 RT: 3.346 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP013429.D
 Acq: 10 Jan 2023 15:51

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 BNA_P
 ClientSampleId :

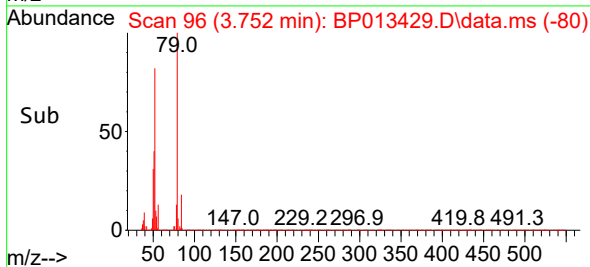
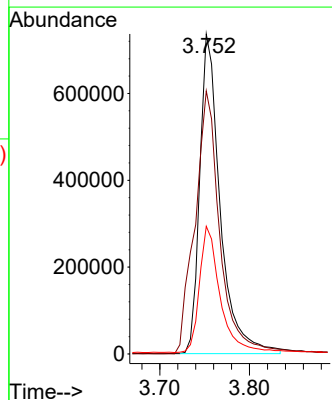
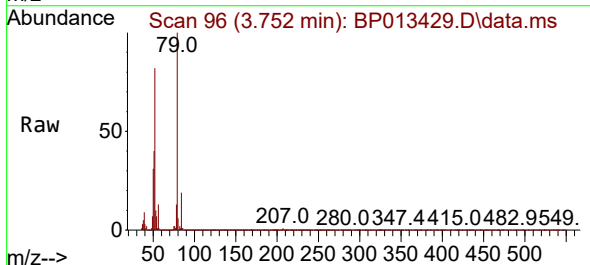


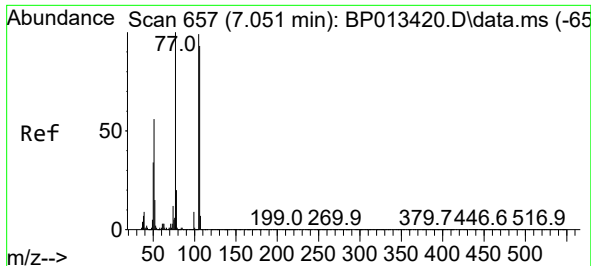
Tgt Ion: 88 Resp: 173580
 Ion Ratio Lower Upper
 88 100
 43 32.6 26.6 40.0
 58 77.8 64.7 97.1



#5
 Pyridine
 Concen: 30.847 ng/uL
 RT: 3.752 min Scan# 96
 Delta R.T. -0.006 min
 Lab File: BP013429.D
 Acq: 10 Jan 2023 15:51

Tgt Ion: 79 Resp: 1166540
 Ion Ratio Lower Upper
 79 100
 52 82.2 67.7 101.5
 51 39.9 32.3 48.5

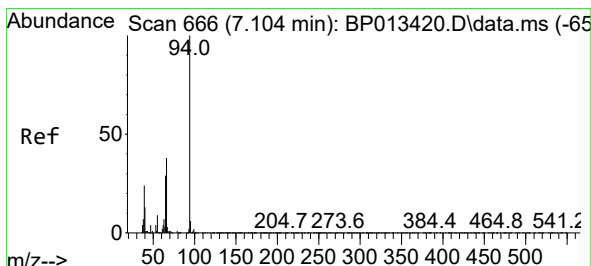
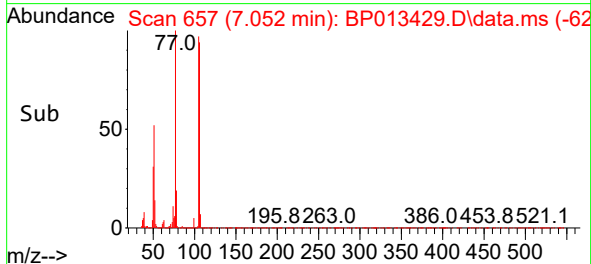
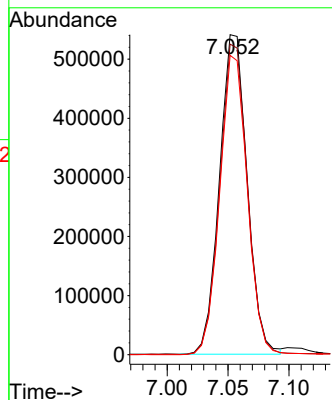
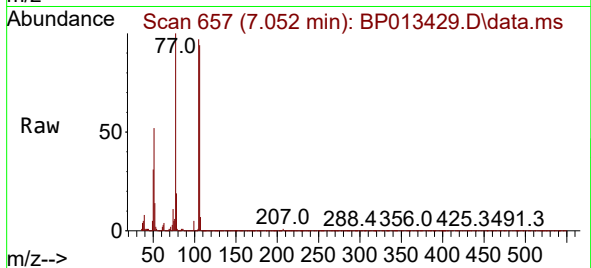




#6
Benzaldehyde
Concen: 51.910 ng/ul
RT: 7.052 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

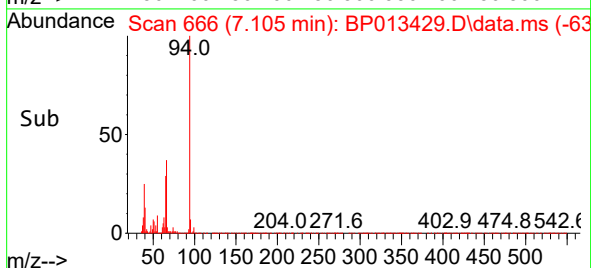
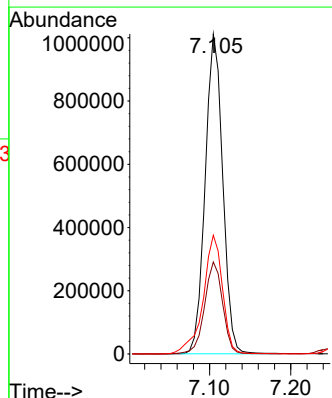
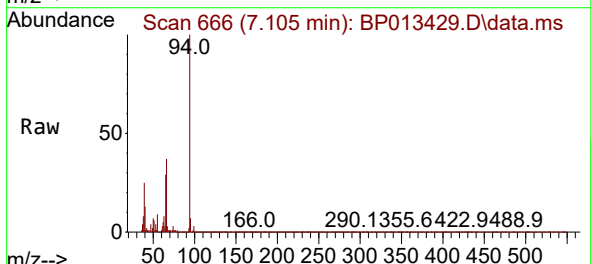
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BNA_P
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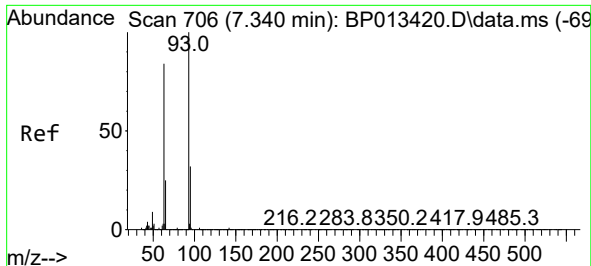
Tgt Ion: 77 Resp: 856232
Ion Ratio Lower Upper
77 100
105 97.1 75.4 113.0
106 93.6 69.8 104.8



#8
Phenol
Concen: 33.881 ng/ul
RT: 7.105 min Scan# 666
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

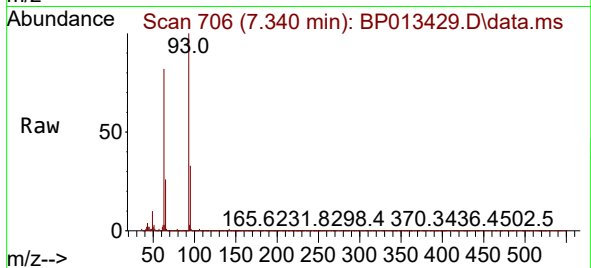
Tgt Ion: 94 Resp: 1515880
Ion Ratio Lower Upper
94 100
65 28.7 22.8 34.2
66 37.1 28.6 42.8





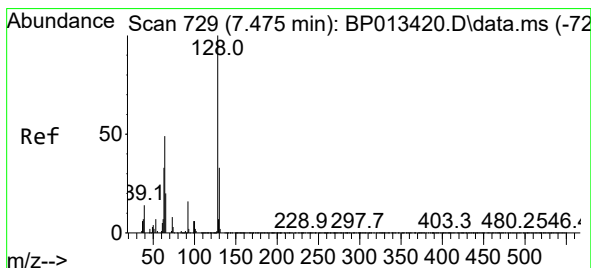
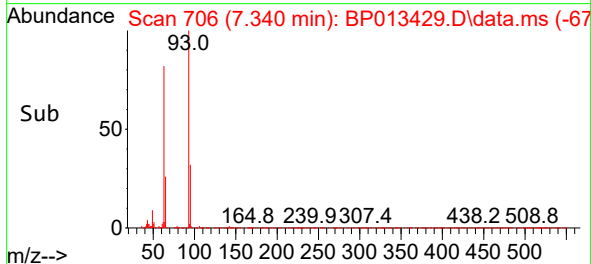
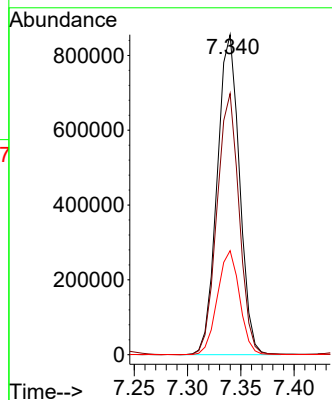
#10
Bis(2-Chloroethyl)ether
Concen: 35.144 ng/ul
RT: 7.340 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 1243365

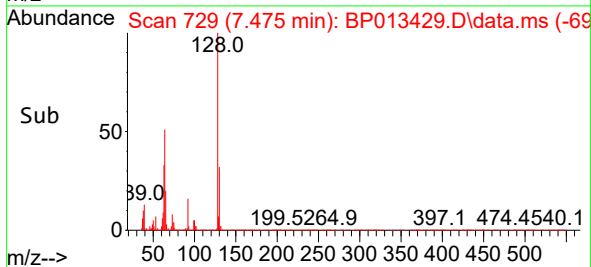
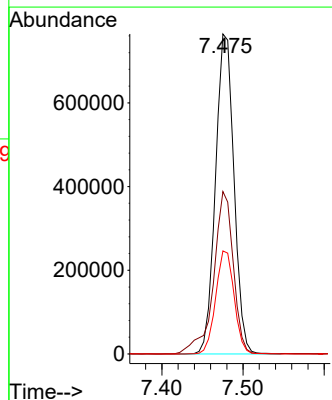
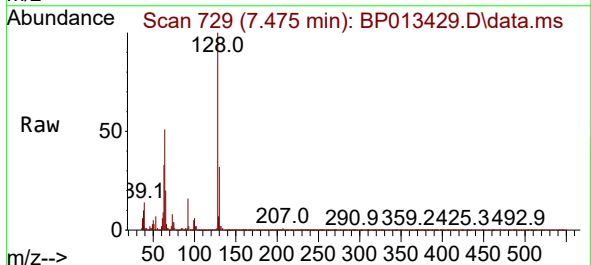
Ion	Ratio	Lower	Upper
93	100		
63	81.6	64.7	97.1
95	32.5	25.7	38.5

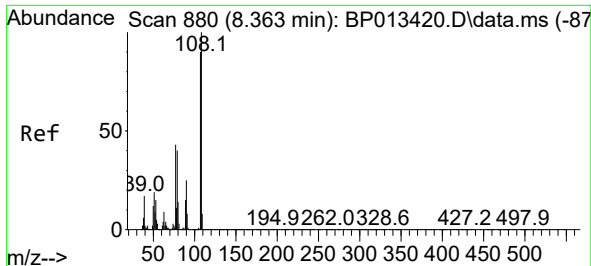


#12
2-Chlorophenol
Concen: 35.985 ng/ul
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:128 Resp: 1208983

Ion	Ratio	Lower	Upper
128	100		
64	50.8	41.4	62.2
130	32.2	24.9	37.3





#13

2-Methylphenol

Concen: 35.177 ng/ul

RT: 8.363 min Scan# 880

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

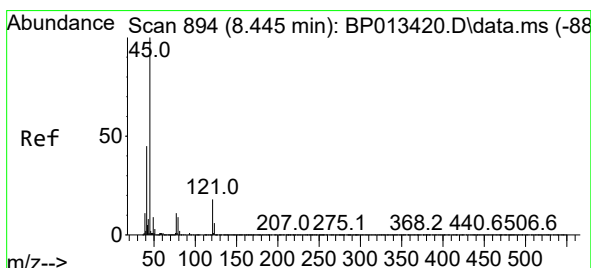
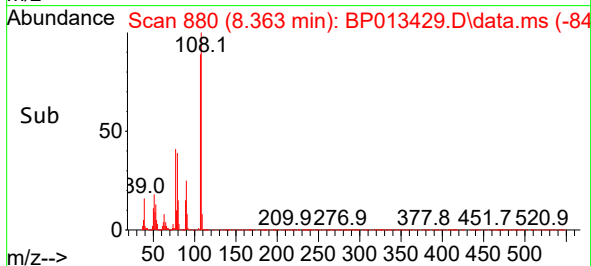
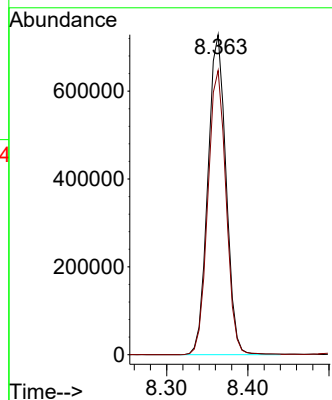
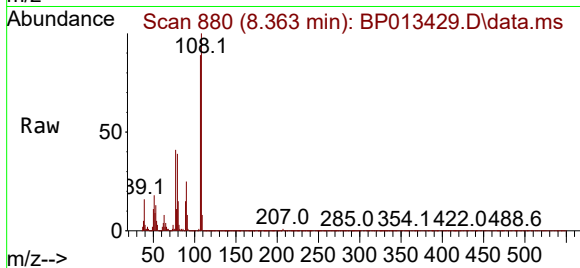
ClientSampleId :

Tgt Ion:108 Resp: 1130276

Ion Ratio Lower Upper

108 100

107 88.8 69.4 104.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.233 ng/ul

RT: 8.452 min Scan# 895

Delta R.T. 0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

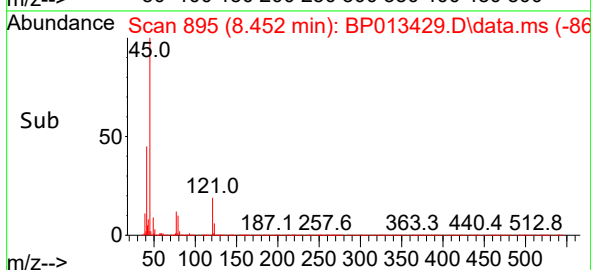
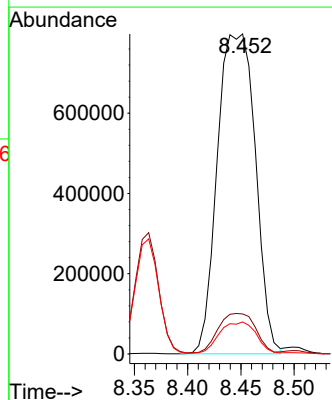
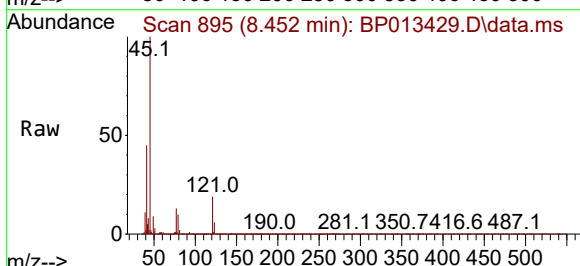
Tgt Ion: 45 Resp: 1978106

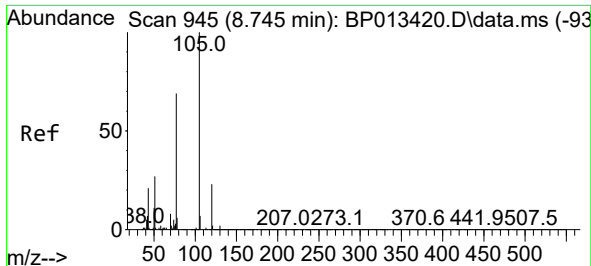
Ion Ratio Lower Upper

45 100

77 12.5 10.1 15.1

79 10.0 7.0 10.4

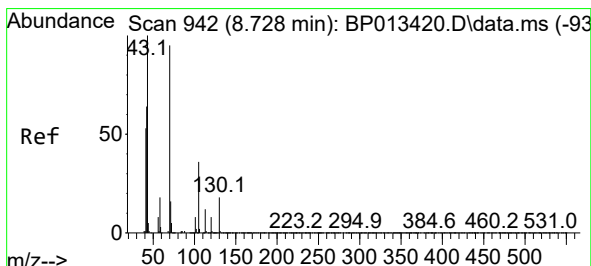
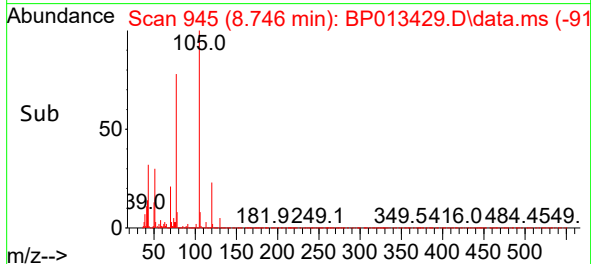
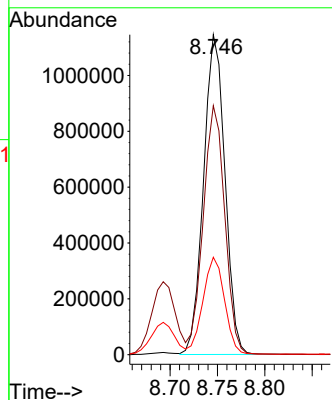
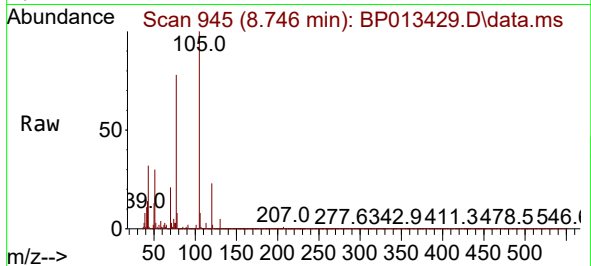




#16
Acetophenone
Concen: 34.604 ng/ul
RT: 8.746 min Scan# 945
Delta R.T. -0.006 min
Lab File: BP013429.D
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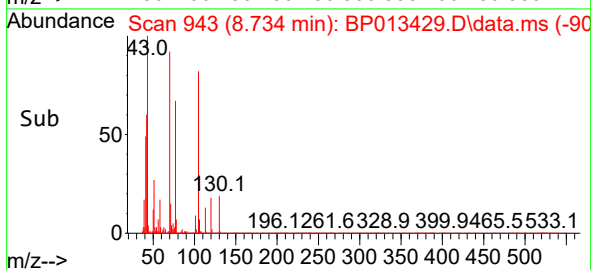
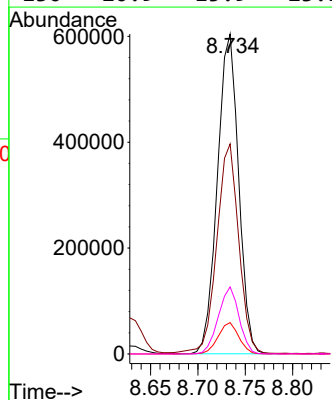
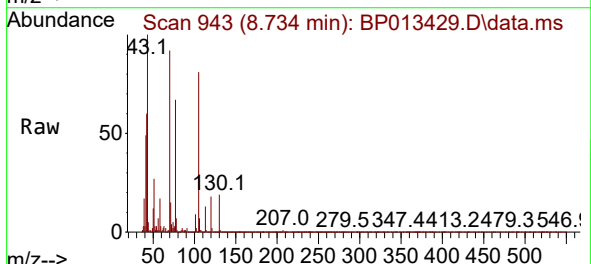
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BNA_P
ClientSampleId :

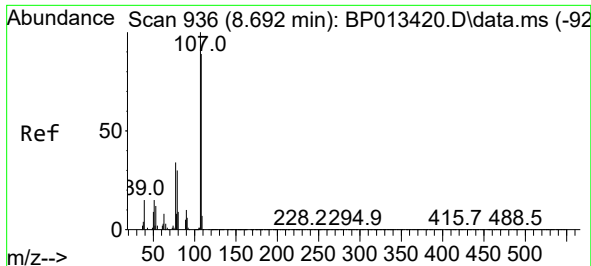
Tgt Ion:105 Resp: 1799461
Ion Ratio Lower Upper
105 100
77 77.8 62.5 93.7
51 30.4 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 37.910 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion: 70 Resp: 942499
Ion Ratio Lower Upper
70 100
42 65.6 53.6 80.4
101 9.8 8.0 12.0
130 20.9 15.9 23.9

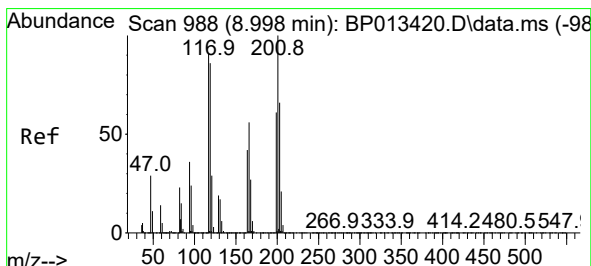
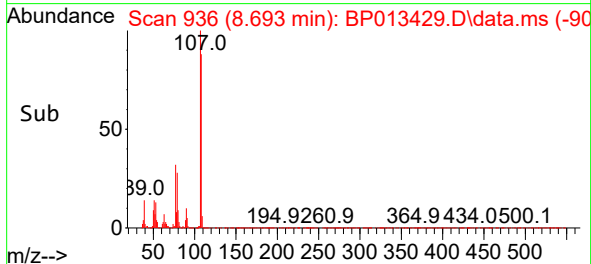
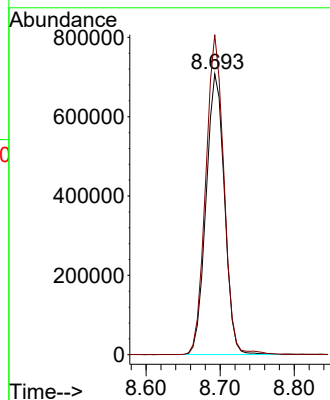
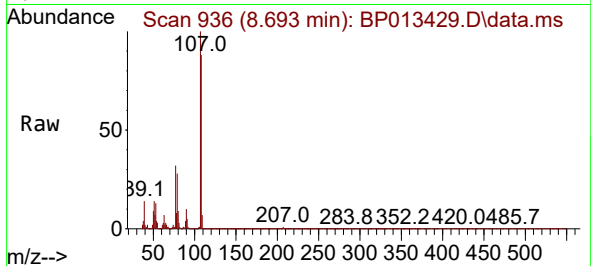




#18
4-Methylphenol
Concen: 34.633 ng/ul
RT: 8.693 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

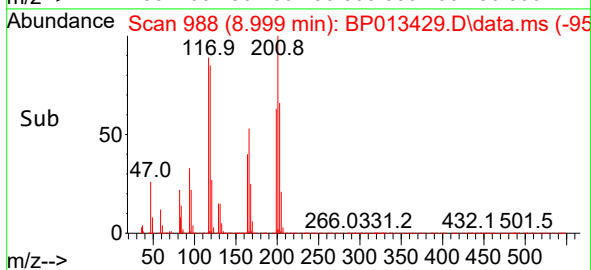
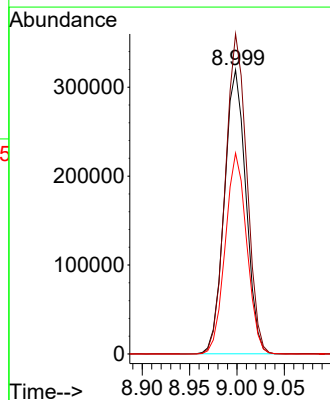
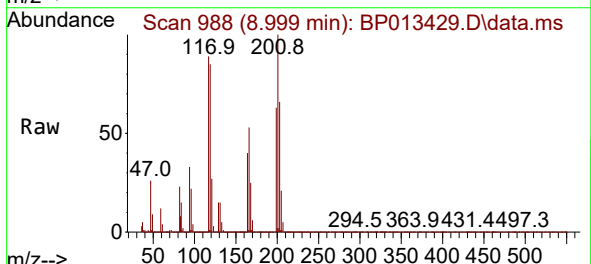
Instrument :
BNA_P
ClientSampleId :

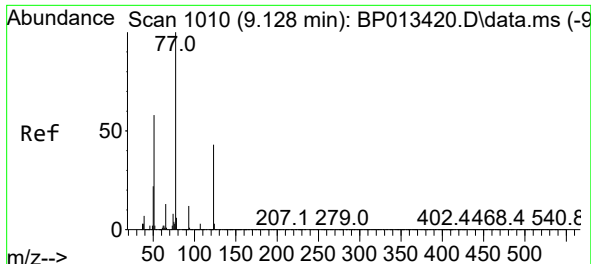
Tgt Ion:108 Resp: 1223157
Ion Ratio Lower Upper
108 100
107 114.0 89.5 134.3



#19
Hexachloroethane
Concen: 37.343 ng/ul
RT: 8.999 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:117 Resp: 505521
Ion Ratio Lower Upper
117 100
201 112.7 90.6 136.0
199 70.7 58.7 88.1

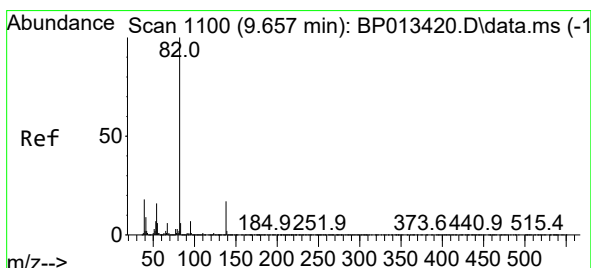
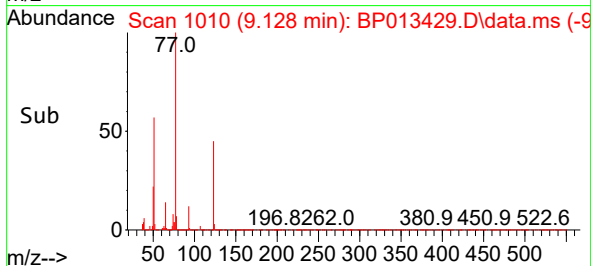
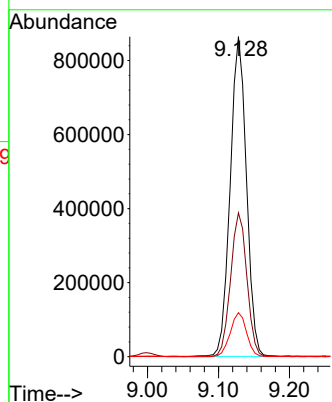
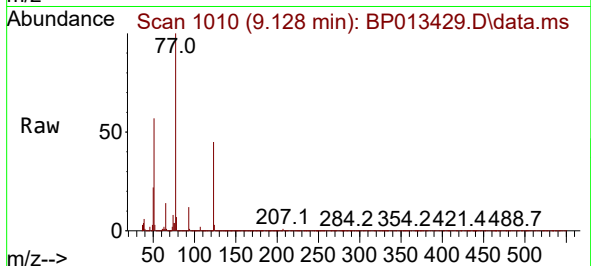




#22
Nitrobenzene
Concen: 34.871 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

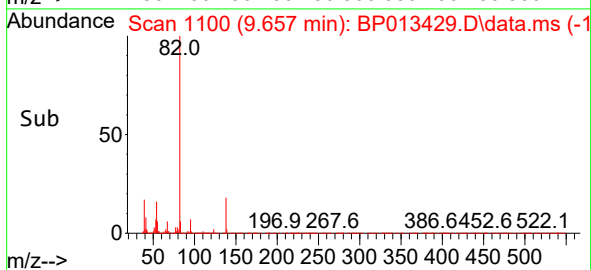
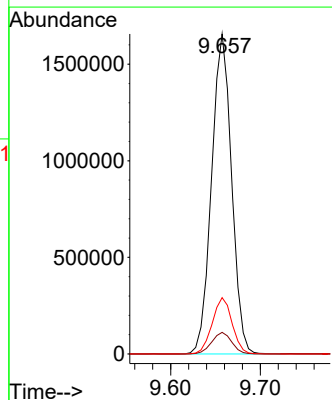
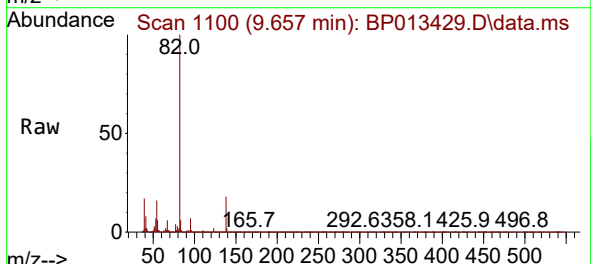
Instrument :
BNA_P
ClientSampleId :

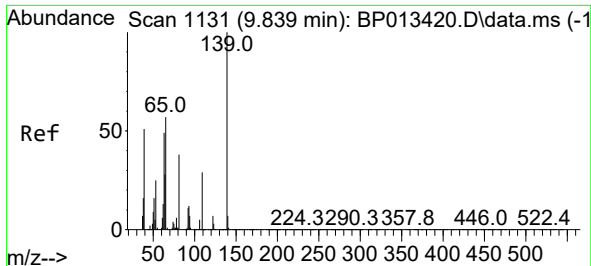
Tgt Ion: 77 Resp: 1371678
Ion Ratio Lower Upper
77 100
123 44.9 33.7 50.5
65 13.8 11.0 16.4



#23
Isophorone
Concen: 37.191 ng/ul
RT: 9.657 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion: 82 Resp: 2560199
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.6 13.8 20.6

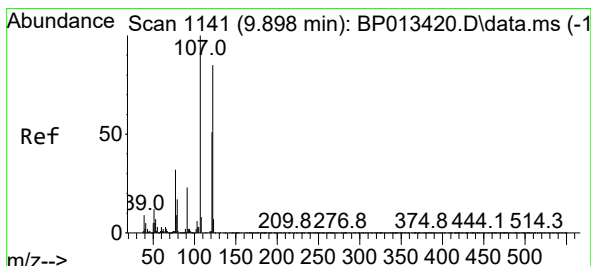
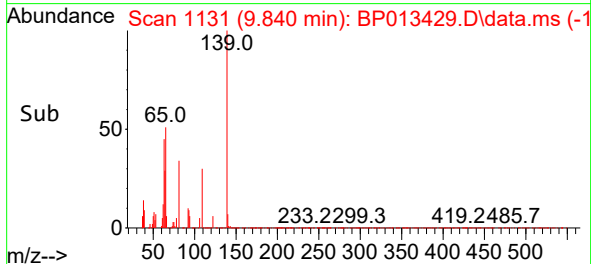
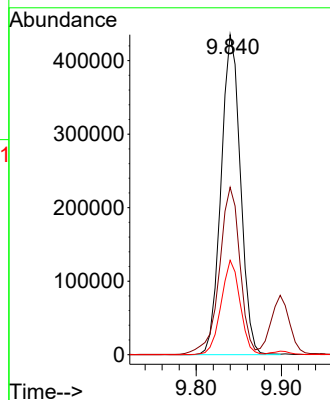
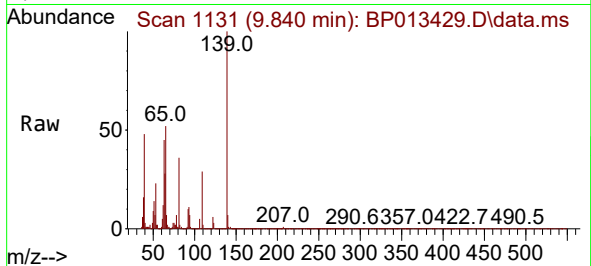




#25
2-Nitrophenol
Concen: 38.363 ng/ul
RT: 9.840 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

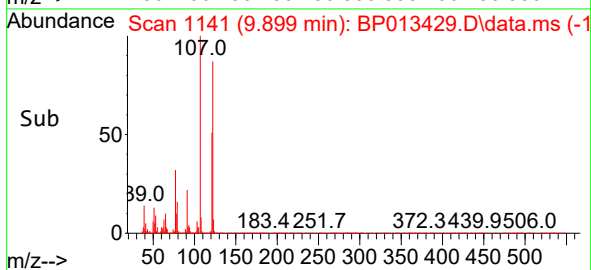
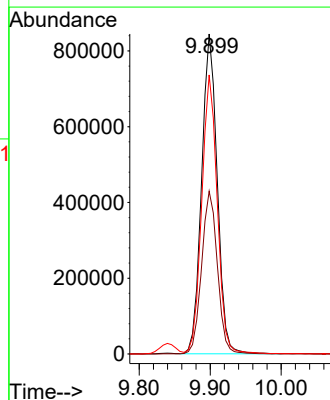
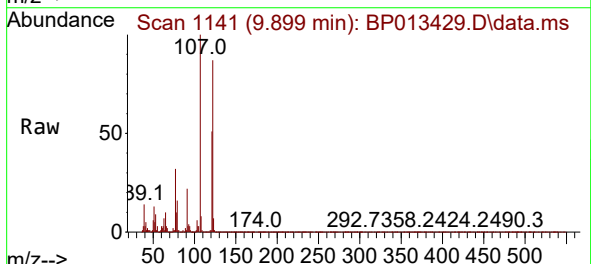
Instrument :
BNA_P
ClientSampleId :

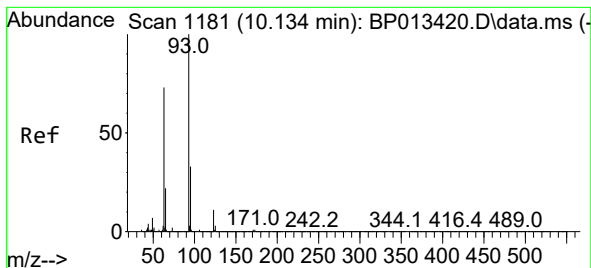
Tgt Ion:139 Resp: 688071
Ion Ratio Lower Upper
139 100
65 52.3 43.0 64.6
109 29.5 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 34.585 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:107 Resp: 1294118
Ion Ratio Lower Upper
107 100
121 50.8 39.9 59.9
122 87.2 68.3 102.5





#27

Bis(2-Chloroethoxy)methane

Concen: 35.888 ng/ul

RT: 10.140 min Scan# 1181

Delta R.T. -0.000 min

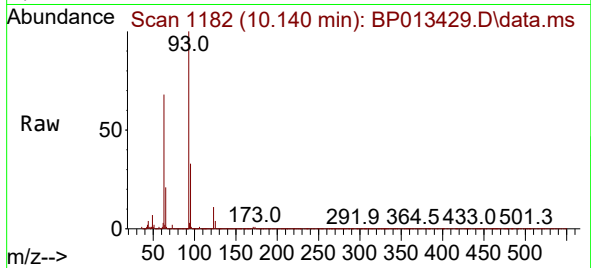
Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :



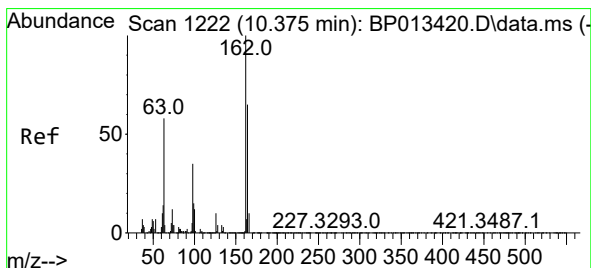
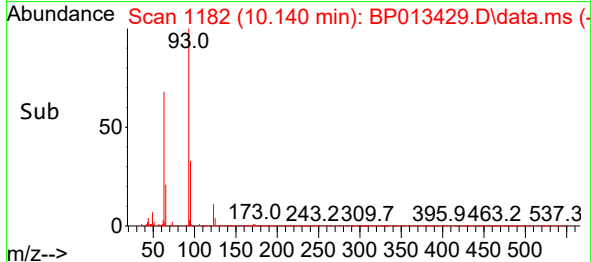
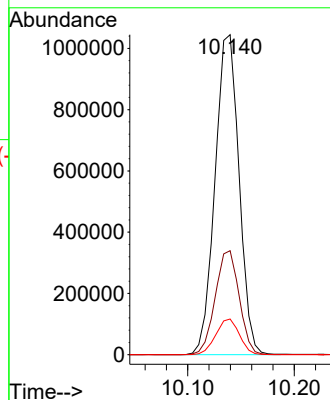
Tgt Ion: 93 Resp: 1632545

Ion Ratio Lower Upper

93 100

95 32.5 25.3 37.9

123 11.2 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 35.531 ng/ul

RT: 10.375 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

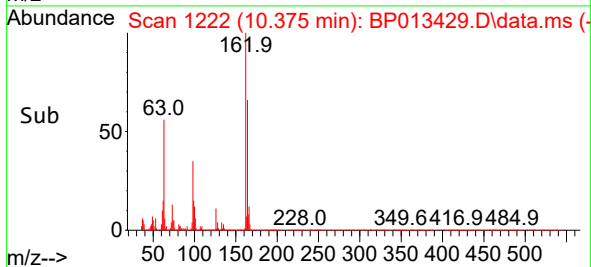
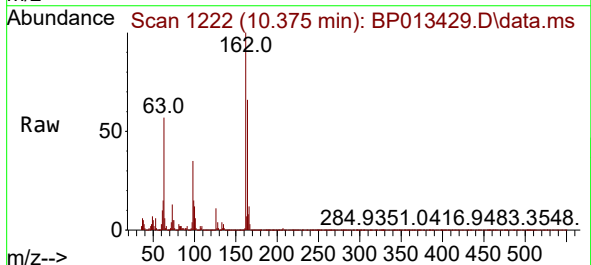
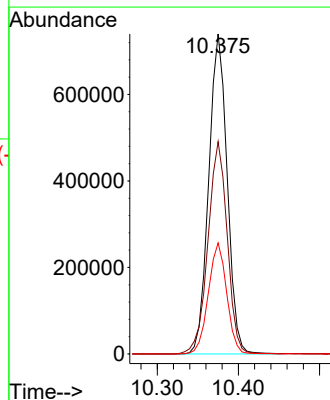
Tgt Ion:162 Resp: 1168679

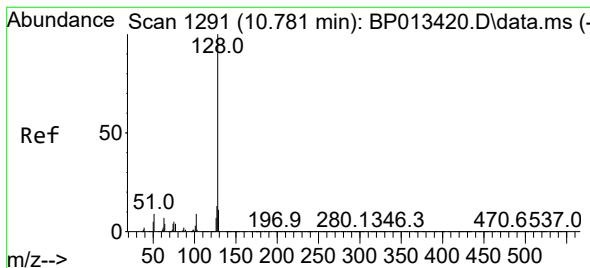
Ion Ratio Lower Upper

162 100

164 66.4 51.9 77.9

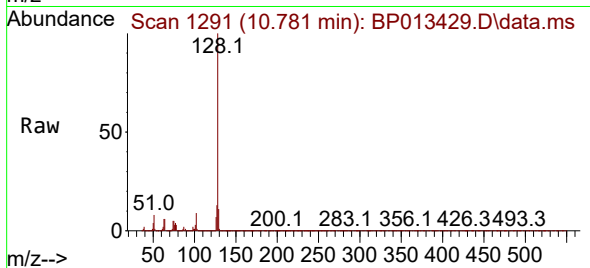
98 34.7 27.1 40.7



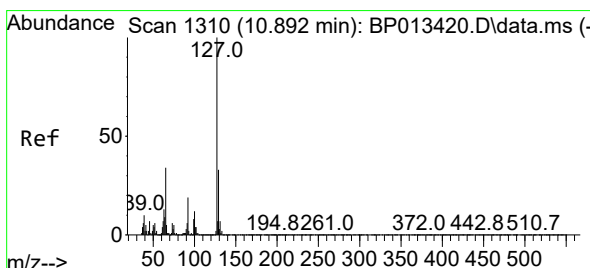
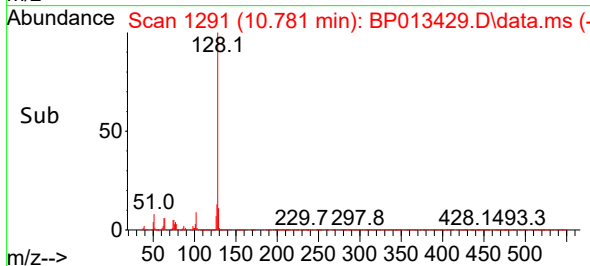
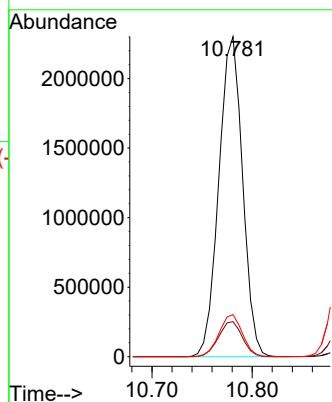


#30
Naphthalene
Concen: 33.561 ng/ul
RT: 10.781 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Instrument :
BNA_P
ClientSampleId :

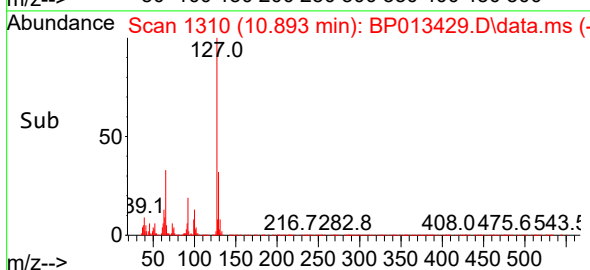
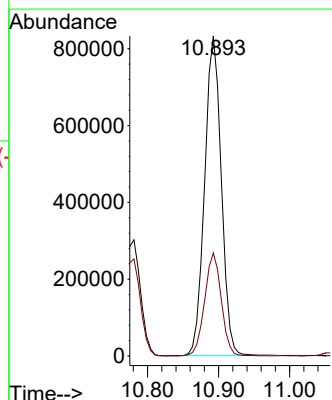
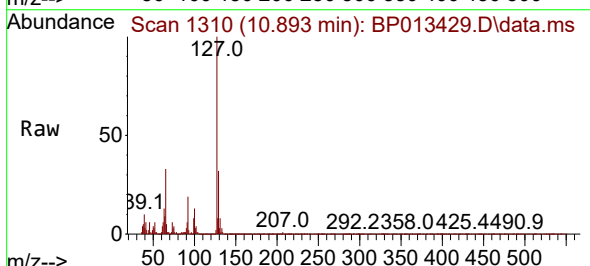


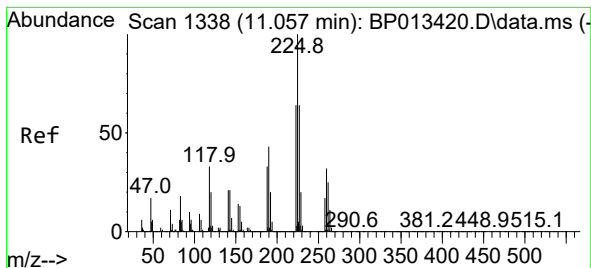
Tgt Ion:128 Resp: 3778728
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.1 15.1



#32
4-Chloroaniline
Concen: 29.253 ng/ul
RT: 10.893 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:127 Resp: 1362203
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 35.709 ng/ul

RT: 11.057 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

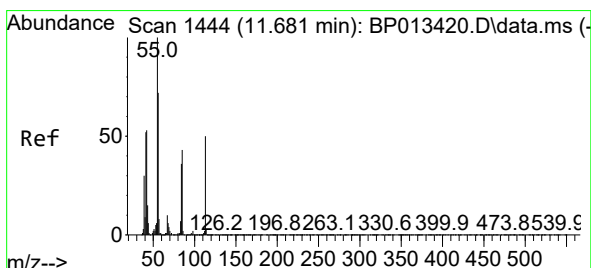
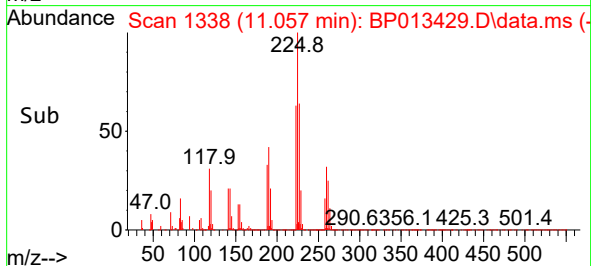
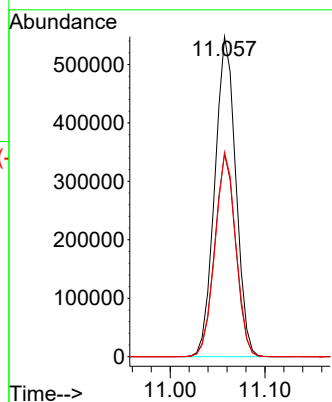
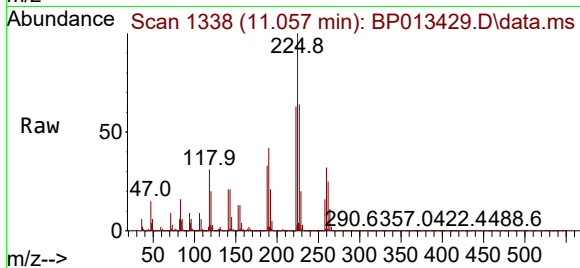
Tgt Ion:225 Resp: 843426

Ion Ratio Lower Upper

225 100

223 63.3 48.8 73.2

227 64.0 50.6 76.0



#34

Caprolactam

Concen: 21.286 ng/ul

RT: 11.681 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

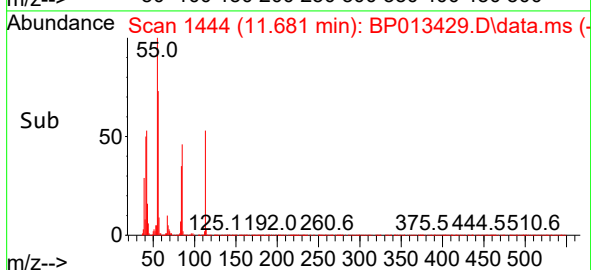
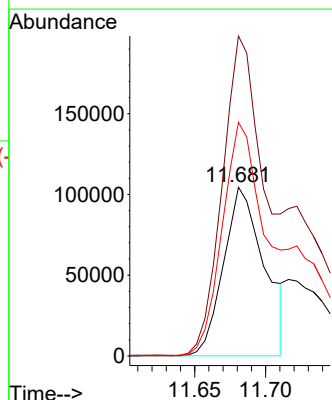
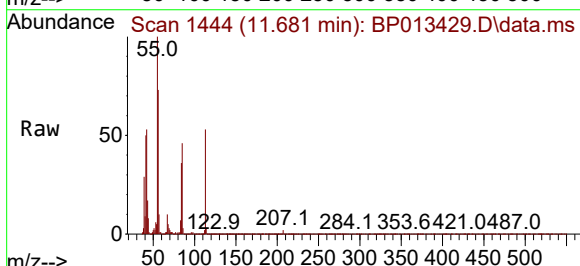
Tgt Ion:113 Resp: 208296

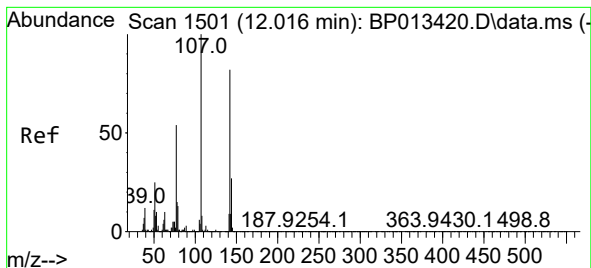
Ion Ratio Lower Upper

113 100

55 189.5 156.4 234.6

56 138.4 117.1 175.7

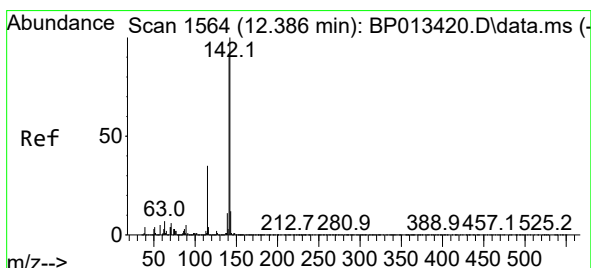
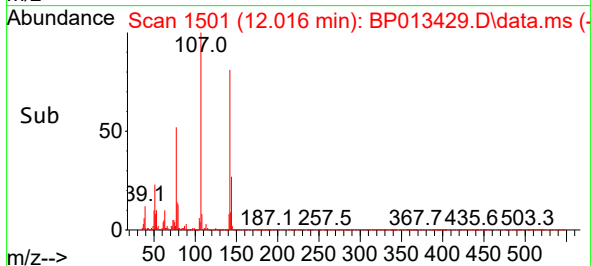
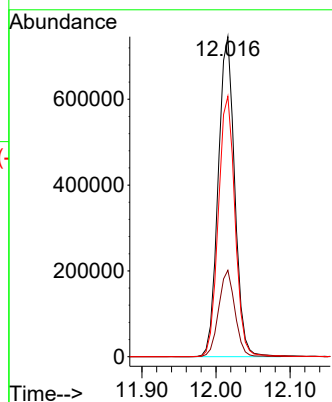
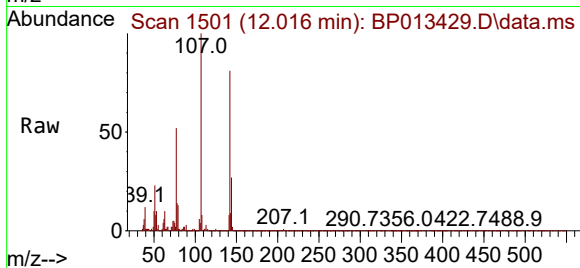




#35
4-Chloro-3-methylphenol
Concen: 36.404 ng/ul
RT: 12.016 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

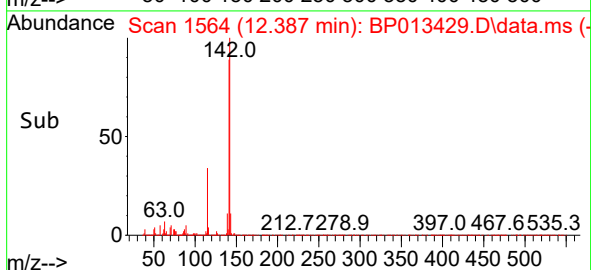
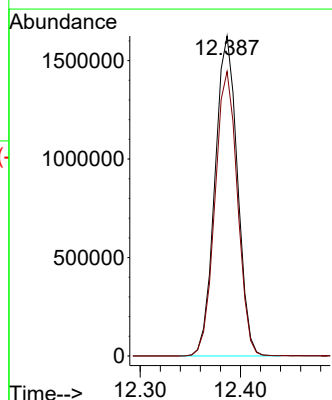
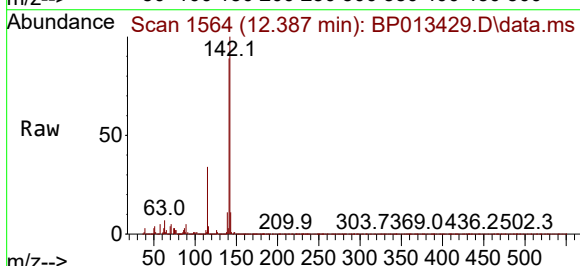
Instrument :
BNA_P
ClientSampleId :

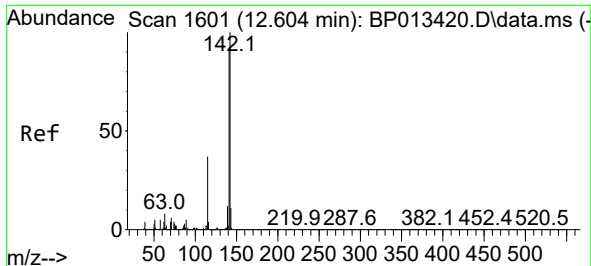
Tgt Ion:107 Resp: 1155601
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.6
142 81.4 64.8 97.2



#36
2-Methylnaphthalene
Concen: 35.139 ng/ul
RT: 12.387 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:142 Resp: 2530204
Ion Ratio Lower Upper
142 100
141 88.9 69.7 104.5





#37

1-Methylnaphthalene

Concen: 33.732 ng/ul

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

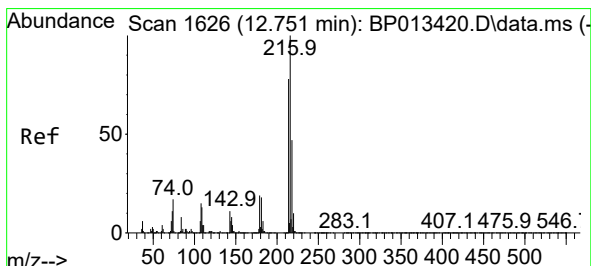
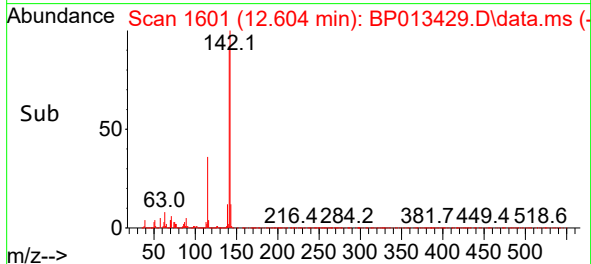
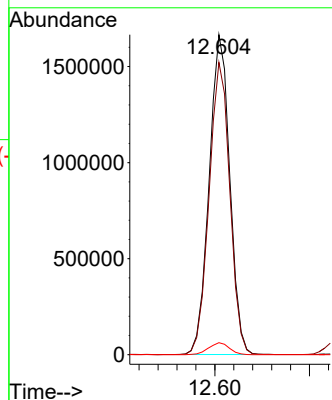
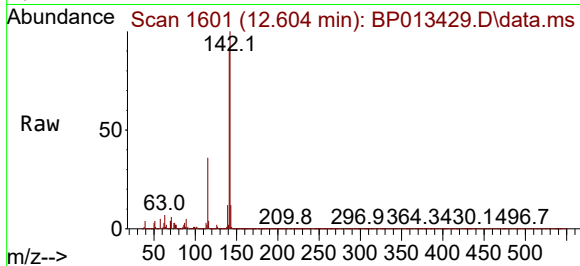
Tgt Ion:142 Resp: 2519486

Ion Ratio Lower Upper

142 100

141 91.4 74.2 111.4

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.464 ng/ul

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Tgt Ion:216 Resp: 1535094

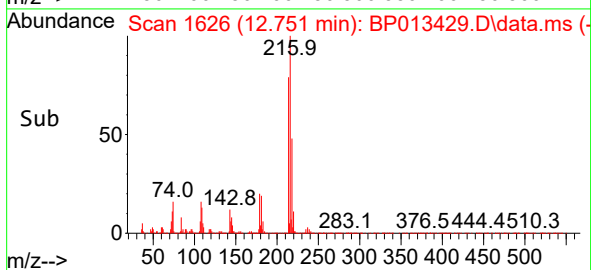
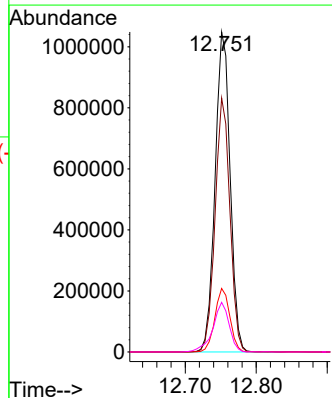
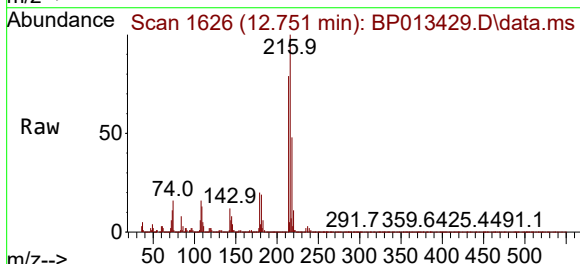
Ion Ratio Lower Upper

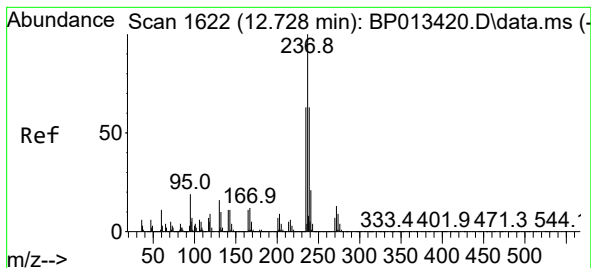
216 100

214 79.4 62.8 94.2

179 19.8 15.1 22.7

108 15.5 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 34.737 ng/ul

RT: 12.728 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

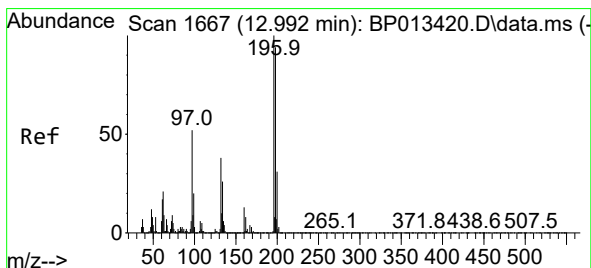
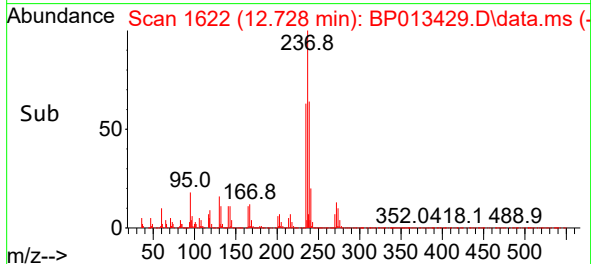
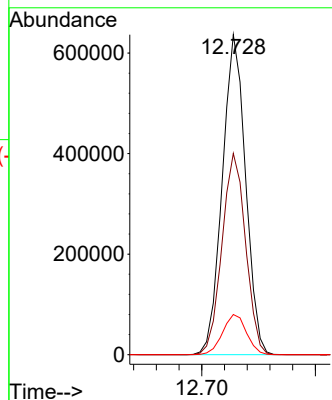
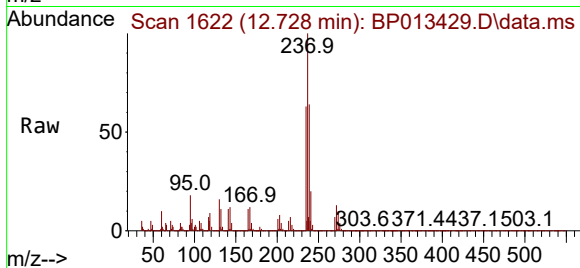
Tgt Ion:237 Resp: 904588

Ion Ratio Lower Upper

237 100

235 62.9 50.8 76.2

272 12.6 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 38.417 ng/ul

RT: 12.992 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

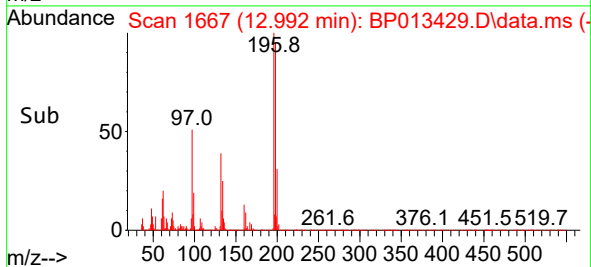
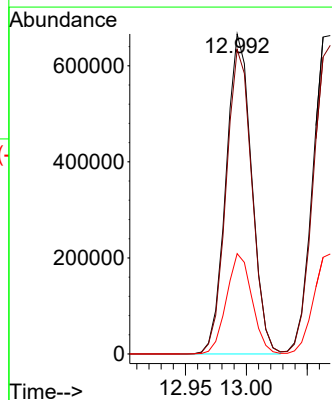
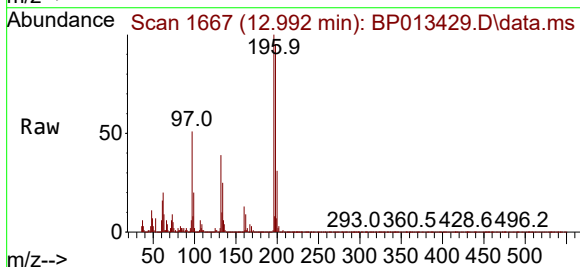
Tgt Ion:196 Resp: 978227

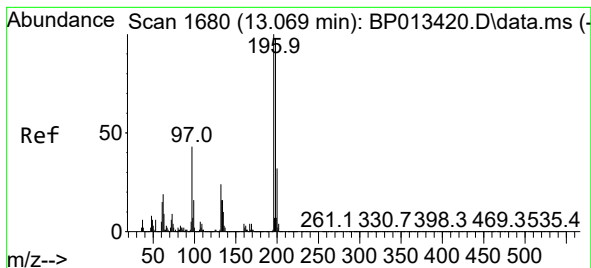
Ion Ratio Lower Upper

196 100

198 95.1 77.9 116.9

200 31.4 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 37.544 ng/ul

RT: 13.069 min Scan# 1

Delta R.T. -0.000 min

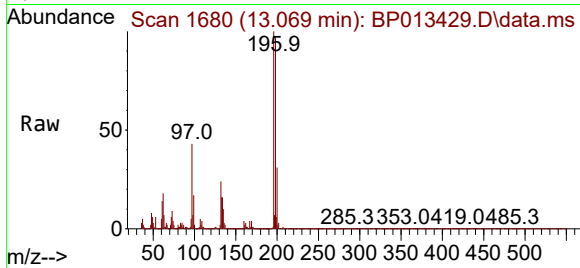
Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :



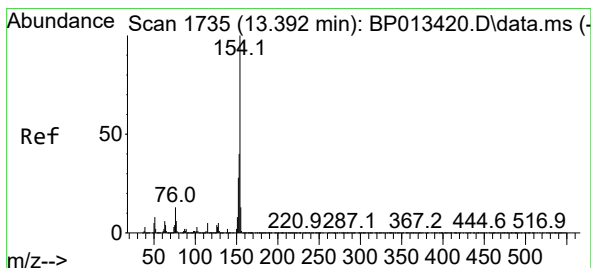
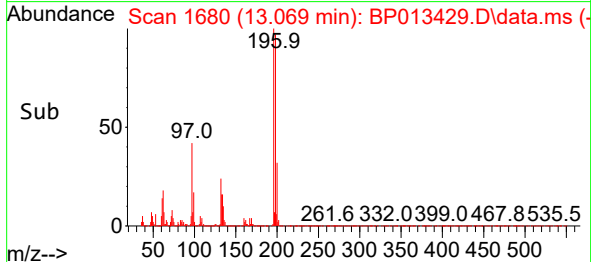
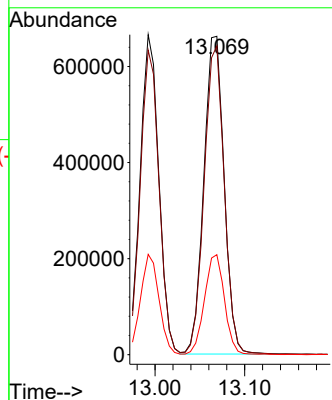
Tgt Ion:196 Resp: 1040335

Ion Ratio Lower Upper

196 100

198 96.9 76.0 114.0

200 31.4 24.4 36.6



#43

1,1'-Biphenyl

Concen: 35.340 ng/ul

RT: 13.392 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

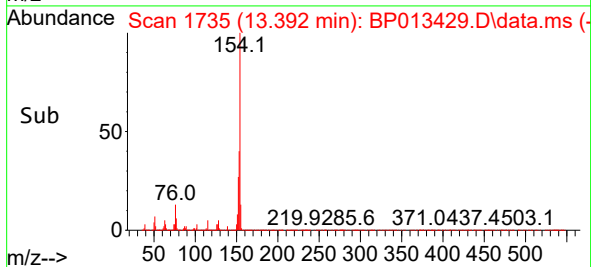
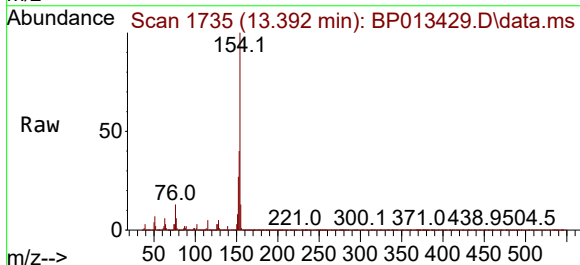
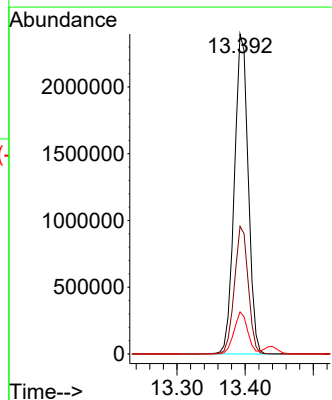
Tgt Ion:154 Resp: 3387589

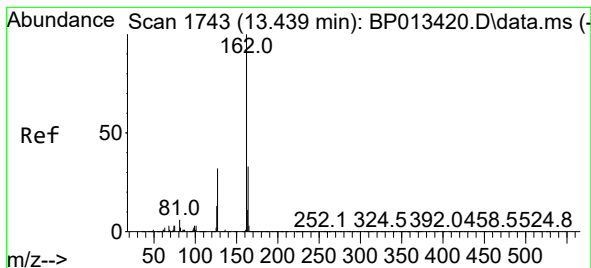
Ion Ratio Lower Upper

154 100

153 39.8 31.9 47.9

76 13.1 10.3 15.5





#44

2-Chloronaphthalene

Concen: 34.542 ng/ul

RT: 13.440 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

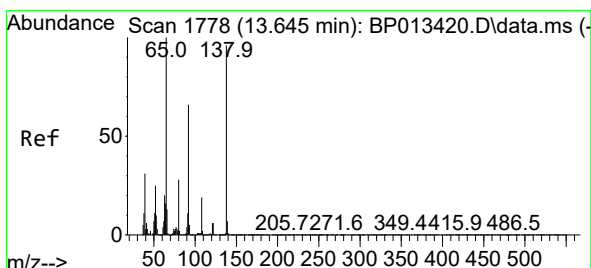
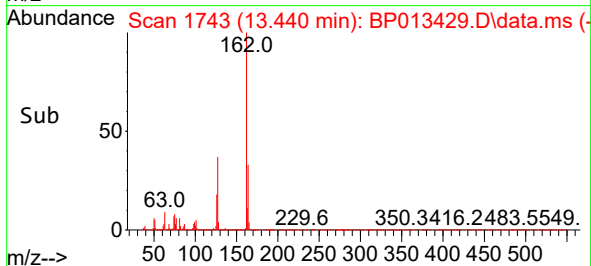
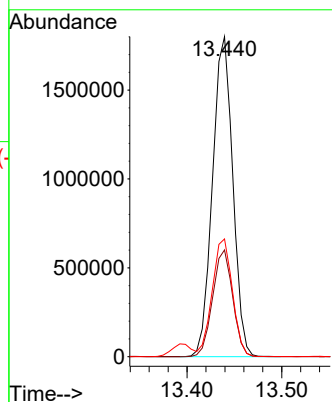
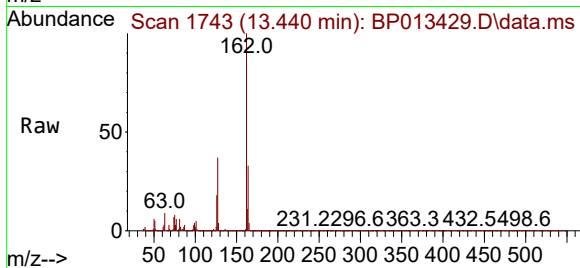
Tgt Ion:162 Resp: 2671907

Ion Ratio Lower Upper

162 100

164 33.3 26.4 39.6

127 36.8 28.9 43.3



#45

2-Nitroaniline

Concen: 39.001 ng/ul

RT: 13.645 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

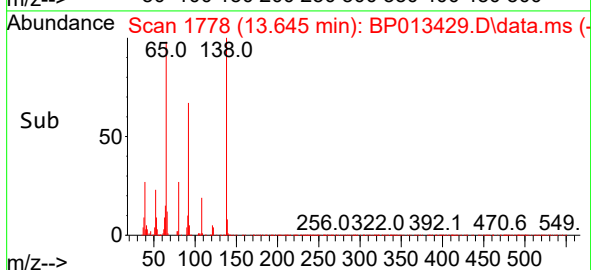
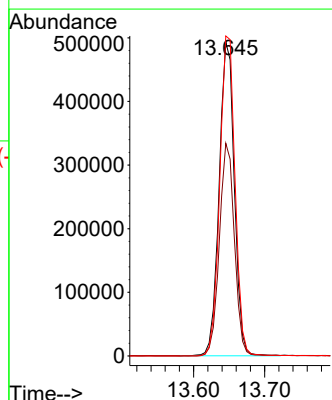
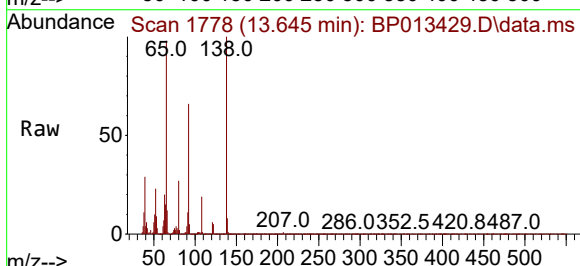
Tgt Ion: 65 Resp: 730060

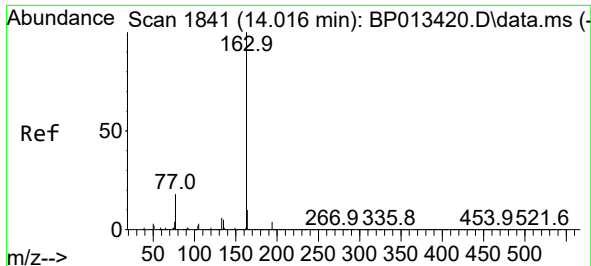
Ion Ratio Lower Upper

65 100

92 67.8 53.5 80.3

138 101.9 79.4 119.0

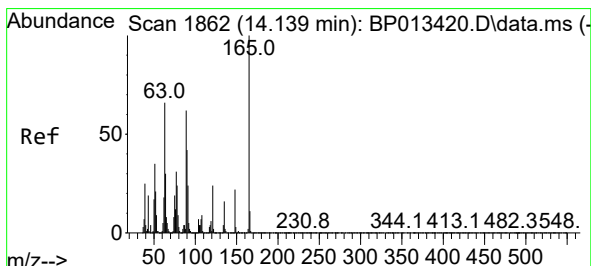
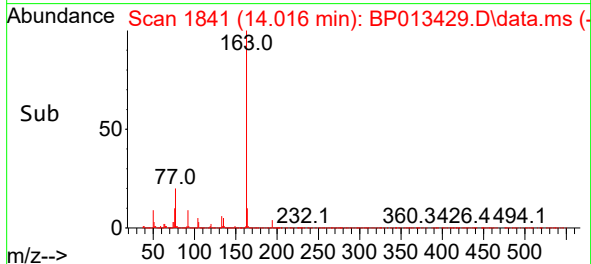
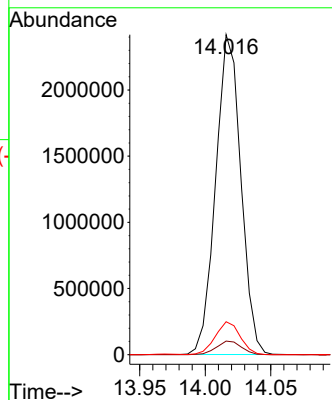
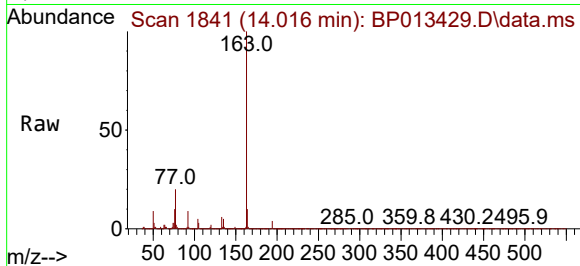




#47
Dimethylphthalate
Concen: 35.079 ng/ul
RT: 14.016 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

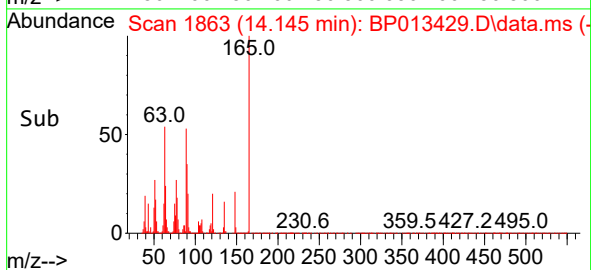
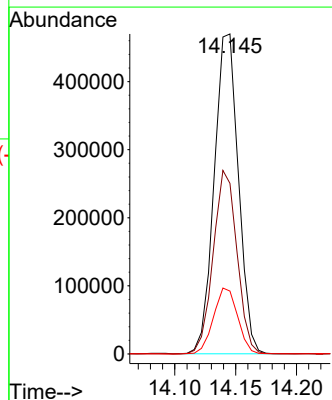
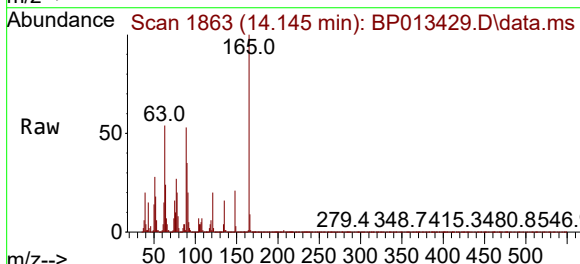
Instrument :
BNA_P
ClientSampleId :

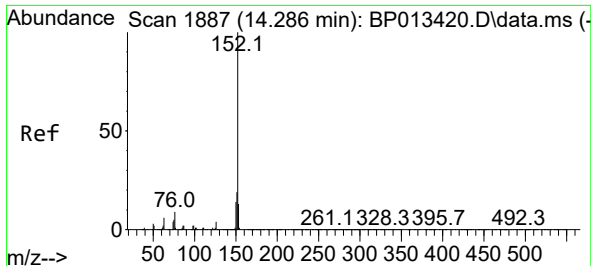
Tgt Ion:163 Resp: 3223971
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 40.863 ng/ul
RT: 14.145 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:165 Resp: 650341
Ion Ratio Lower Upper
165 100
89 53.3 47.1 70.7
121 19.7 17.3 25.9

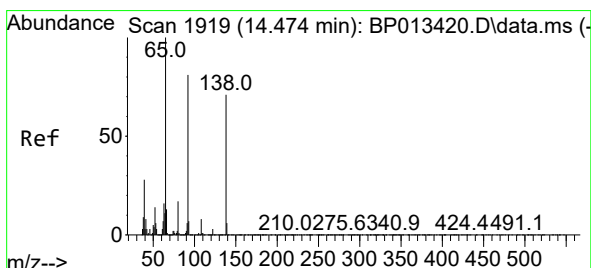
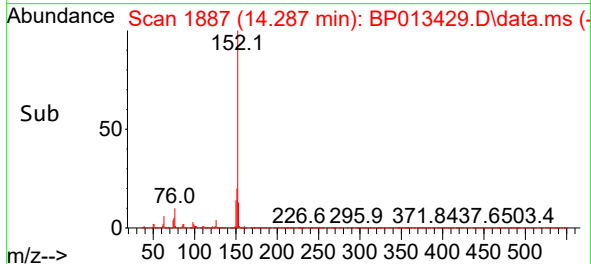
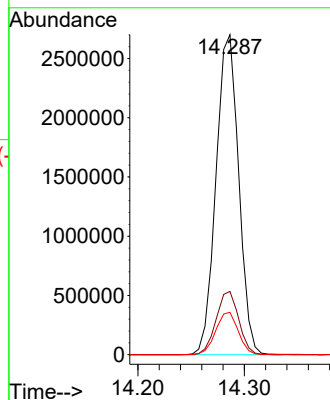
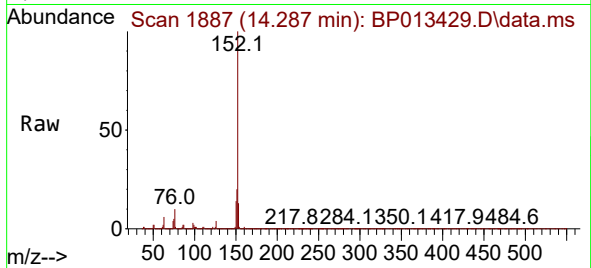




#50
Acenaphthylene
Concen: 35.539 ng/ul
RT: 14.287 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

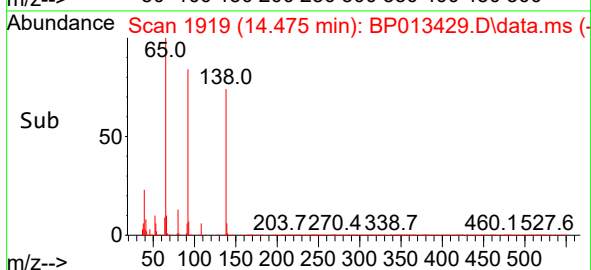
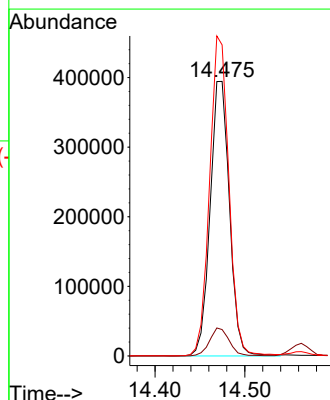
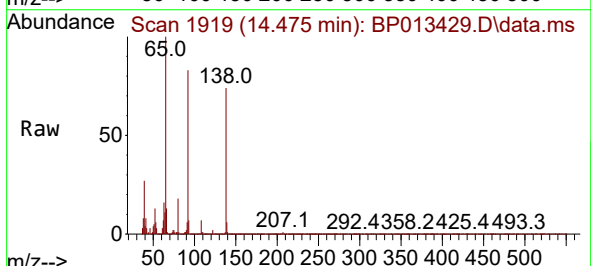
Instrument :
BNA_P
ClientSampleId :

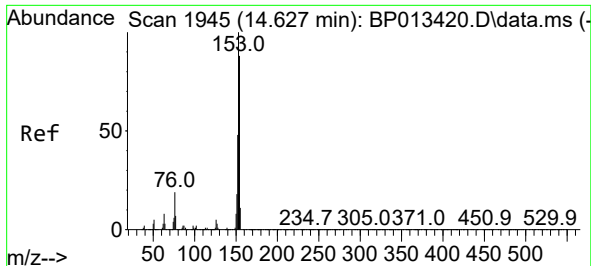
Tgt Ion:152 Resp: 3988209
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 10.3 15.5



#51
3-Nitroaniline
Concen: 34.984 ng/ul
RT: 14.475 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:138 Resp: 589726
Ion Ratio Lower Upper
138 100
108 9.6 8.6 12.8
92 113.3 95.0 142.4

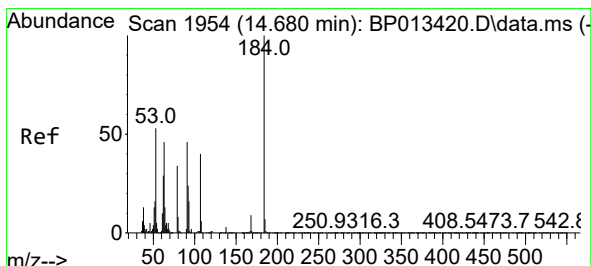
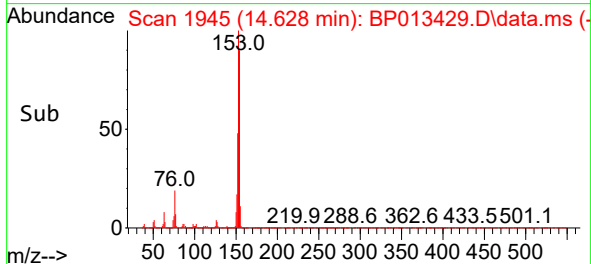
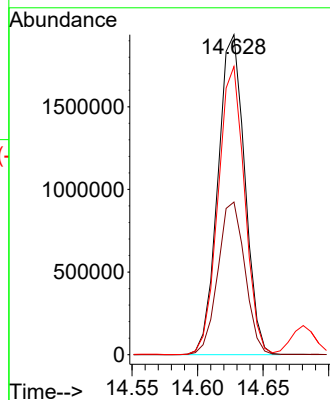
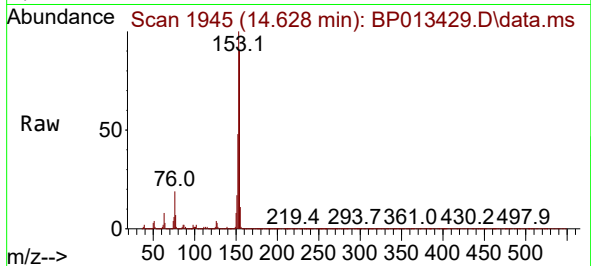




#52
Acenaphthene
Concen: 34.303 ng/ul
RT: 14.628 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

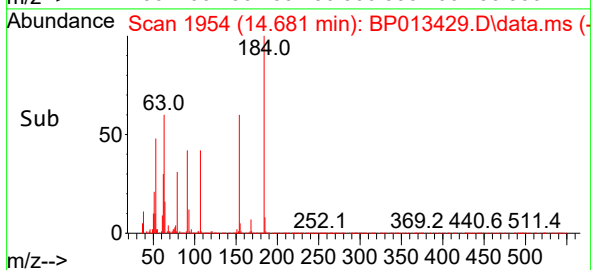
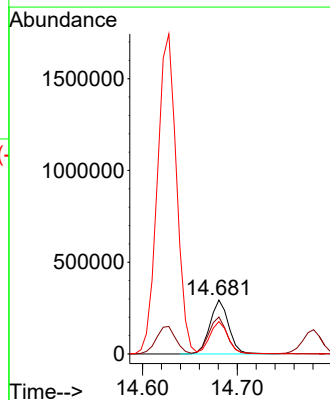
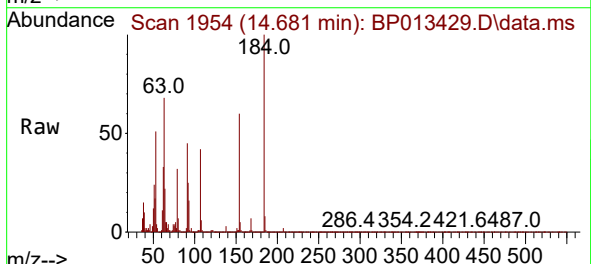
Instrument :
BNA_P
ClientSampleId :

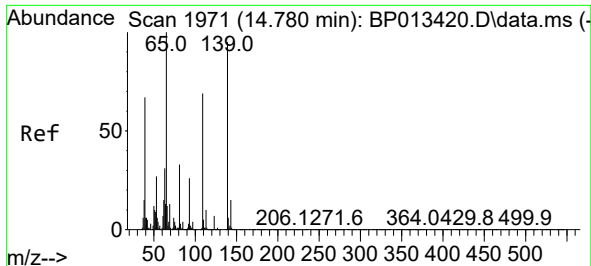
Tgt Ion:153 Resp: 2755169
Ion Ratio Lower Upper
153 100
152 47.7 38.4 57.6
154 90.1 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 33.867 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:184 Resp: 401207
Ion Ratio Lower Upper
184 100
63 68.4 54.3 81.5
154 59.9 49.1 73.7

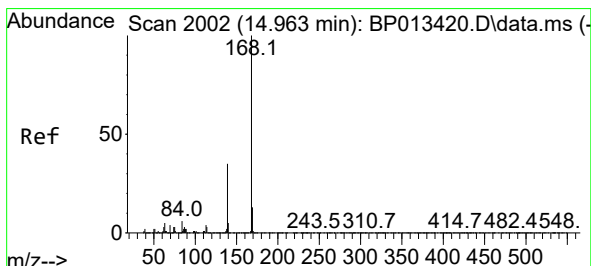
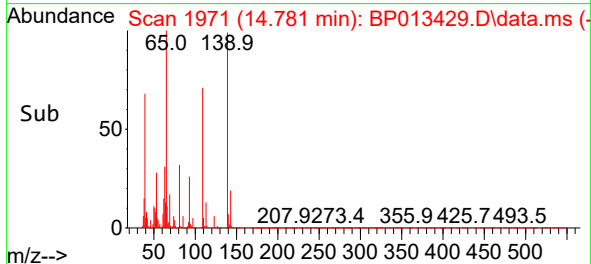
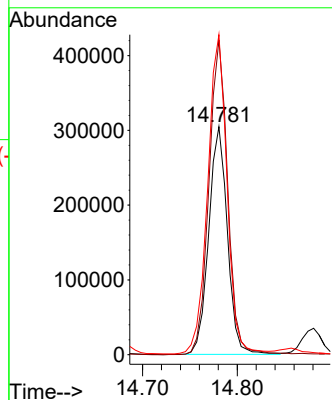
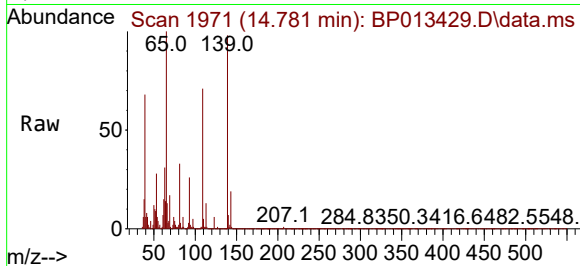




#55
4-Nitrophenol
Concen: 32.551 ng/ul
RT: 14.781 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

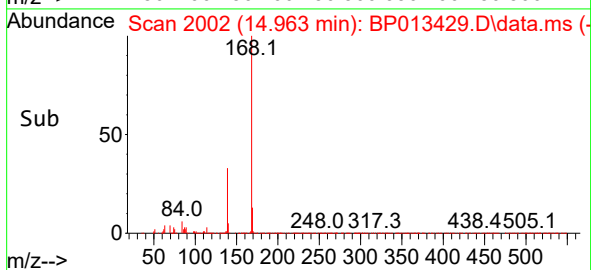
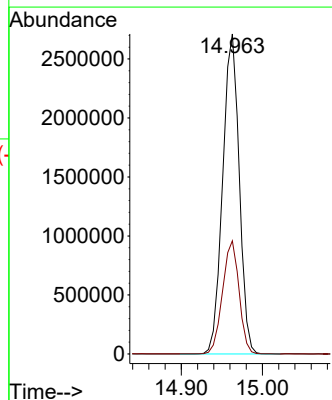
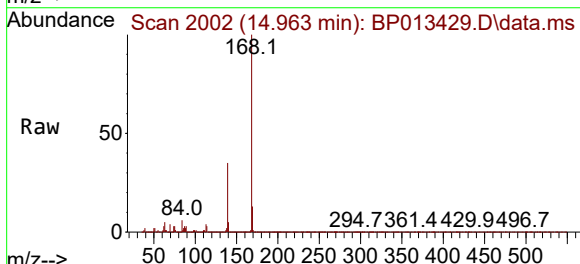
Instrument :
BNA_P
ClientSampleId :

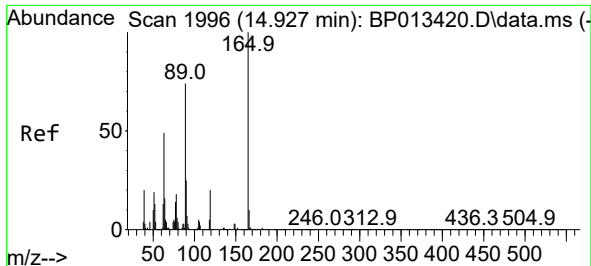
Tgt Ion:109 Resp: 416600
Ion Ratio Lower Upper
109 100
139 138.0 109.2 163.8
65 140.4 116.6 174.8



#56
Dibenzofuran
Concen: 33.286 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

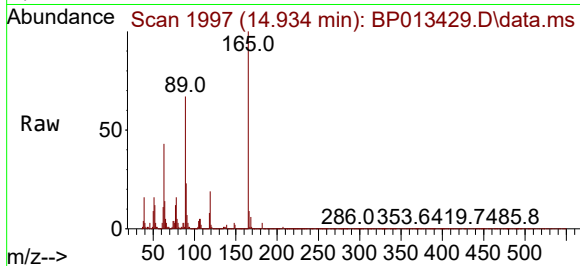
Tgt Ion:168 Resp: 3839713
Ion Ratio Lower Upper
168 100
139 35.4 27.4 41.2



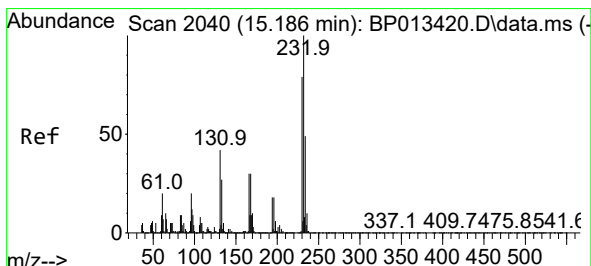
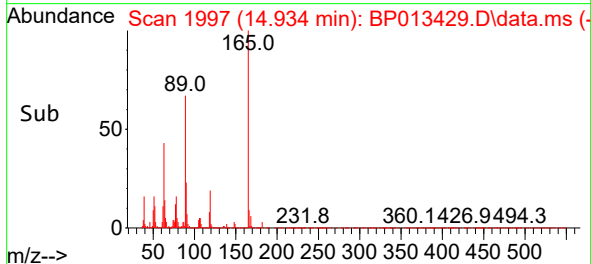
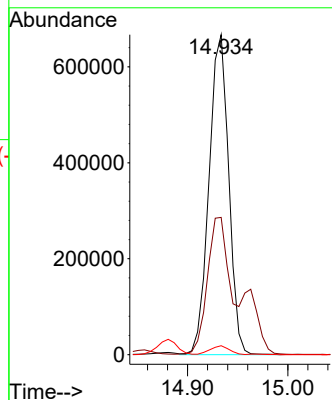


#57
2,4-Dinitrotoluene
Concen: 38.530 ng/ul
RT: 14.934 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Instrument :
BNA_P
ClientSampleId :

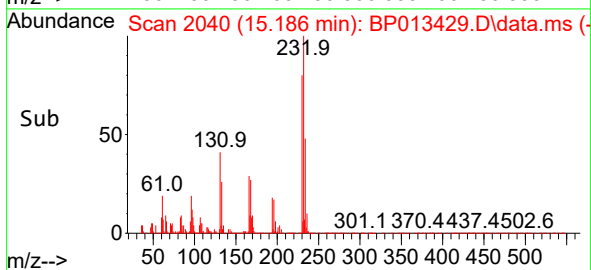
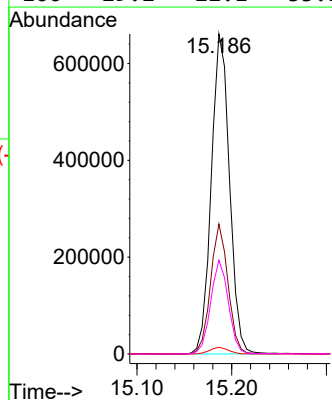
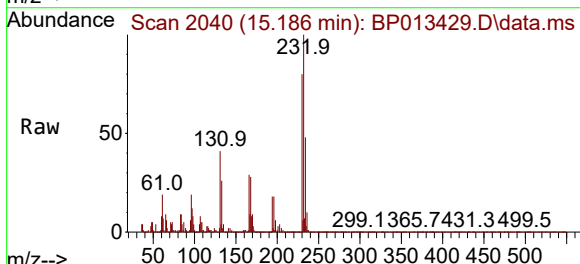


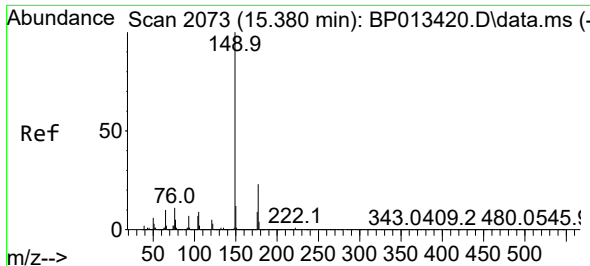
Tgt Ion:165 Resp: 911489
Ion Ratio Lower Upper
165 100
63 42.9 37.3 55.9
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.558 ng/ul
RT: 15.186 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

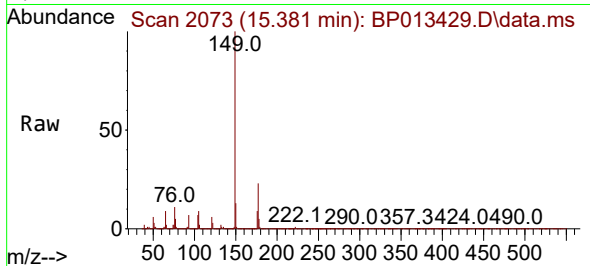
Tgt Ion:232 Resp: 883703
Ion Ratio Lower Upper
232 100
131 40.6 30.7 46.1
130 2.1 1.7 2.5
166 29.2 22.1 33.1



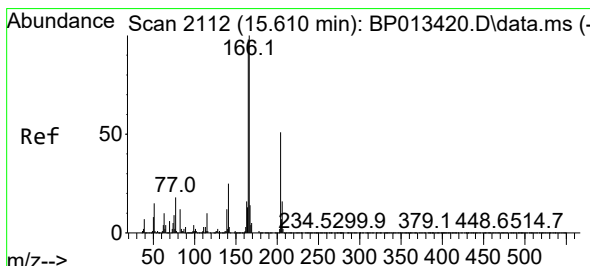
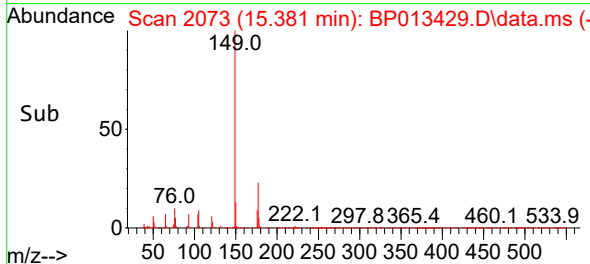
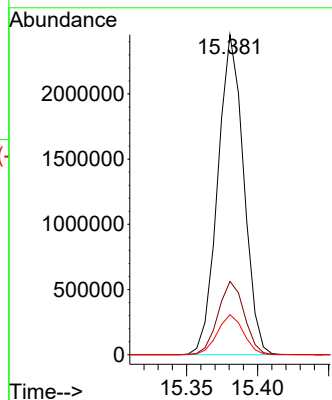


#59
Diethylphthalate
Concen: 36.165 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Instrument :
BNA_P
ClientSampleId :

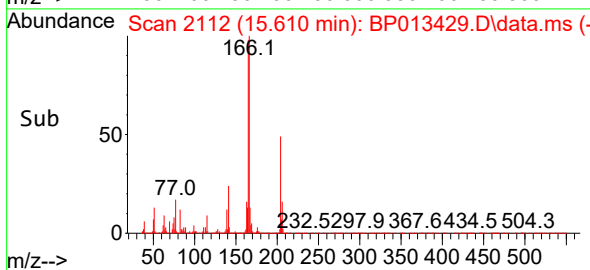
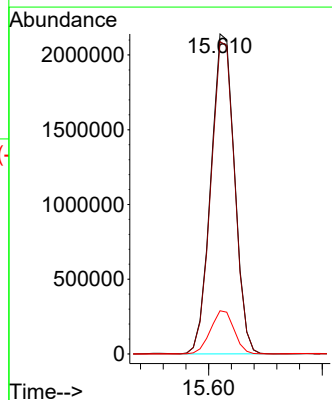
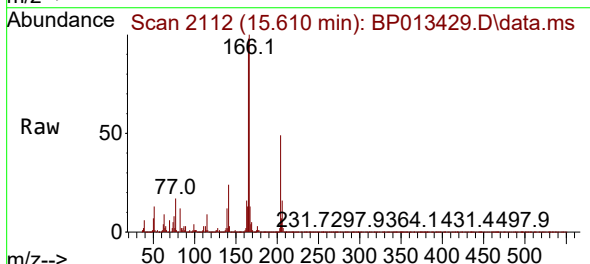


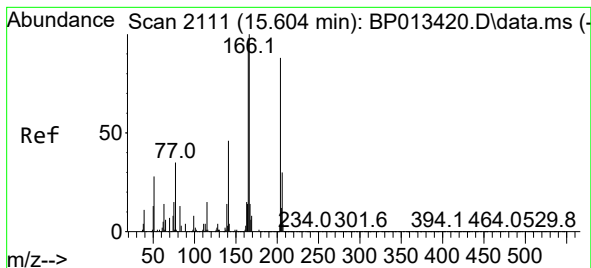
Tgt Ion:149 Resp: 3110985
Ion Ratio Lower Upper
149 100
177 22.9 18.9 28.3
150 12.5 9.9 14.9



#61
Fluorene
Concen: 33.651 ng/ul
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:166 Resp: 3098601
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.5 10.8 16.2

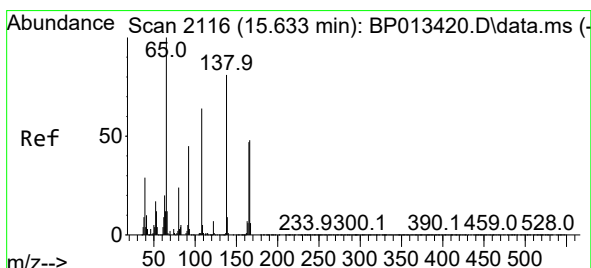
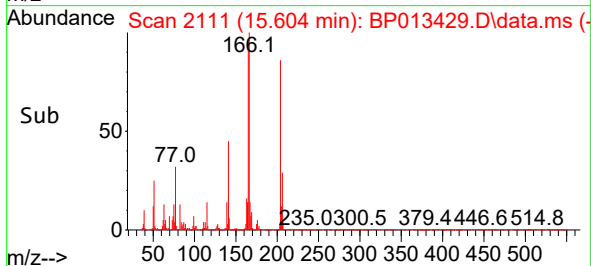
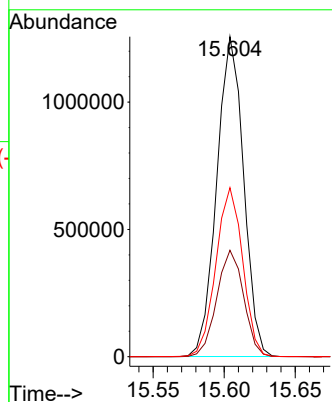
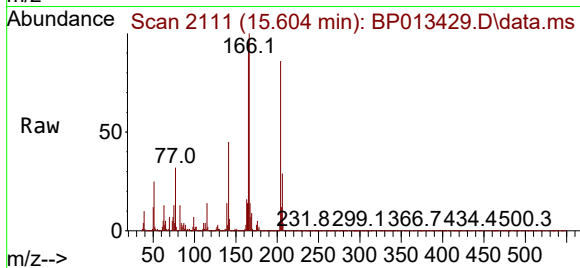




#62
4-Chlorophenyl-phenylether
Concen: 34.332 ng/ul
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

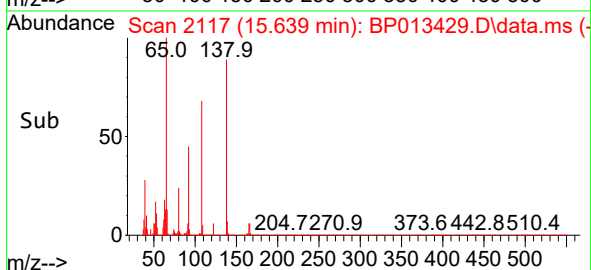
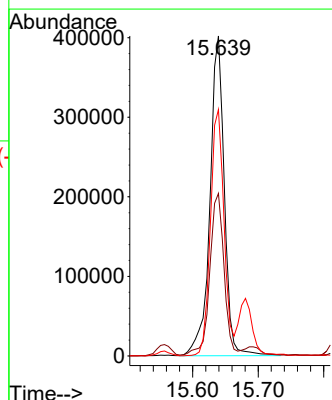
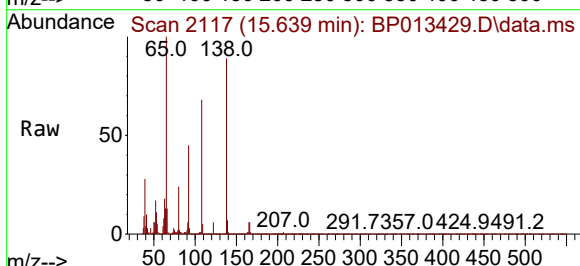
Instrument :
BNA_P
ClientSampleId :

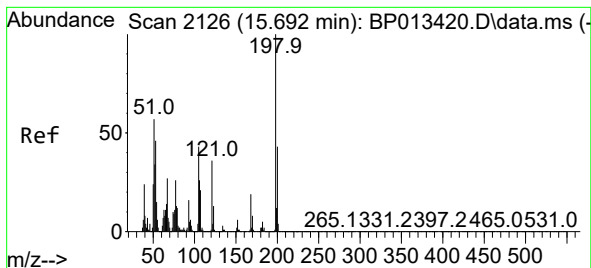
Tgt Ion:204 Resp: 1650859
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 52.8 39.3 58.9



#63
4-Nitroaniline
Concen: 39.430 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:138 Resp: 614547
Ion Ratio Lower Upper
138 100
92 50.8 43.1 64.7
108 77.0 63.6 95.4

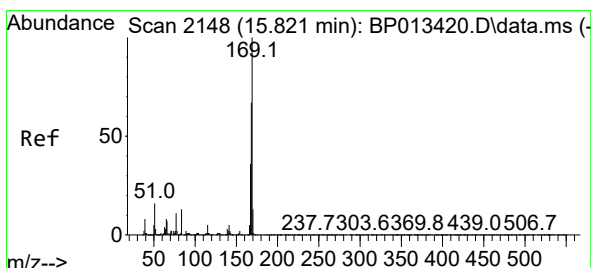
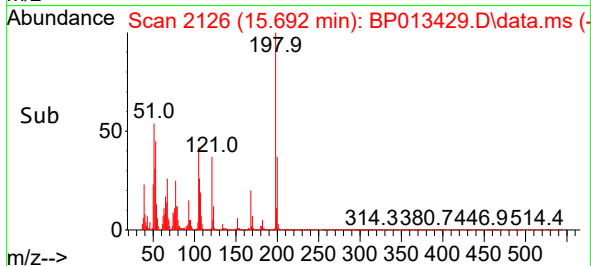
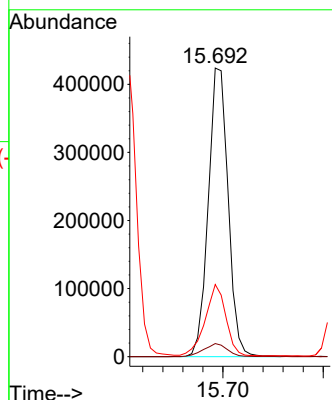
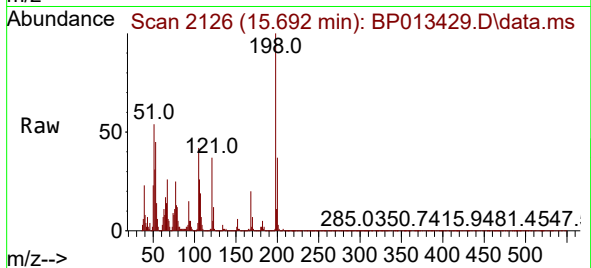




#66
4,6-Dinitro-2-methylphenol
Concen: 35.477 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

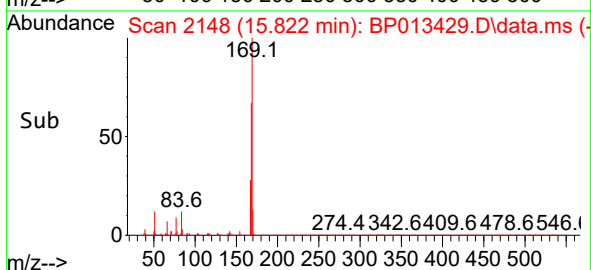
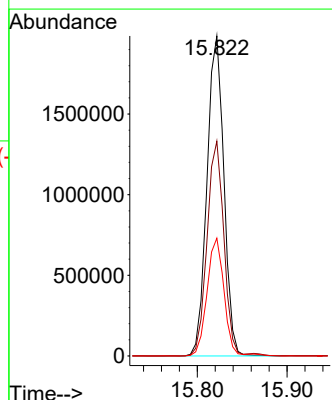
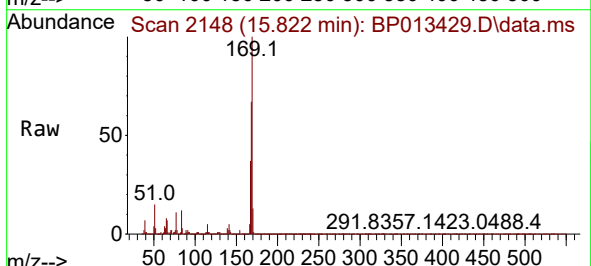
Instrument :
BNA_P
ClientSampleId :

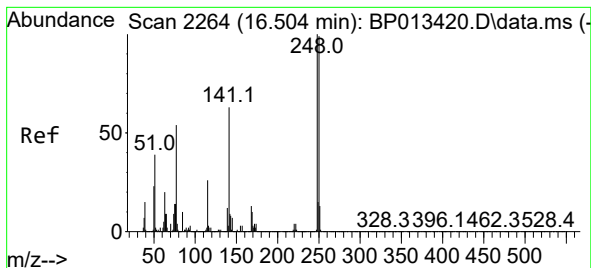
Tgt Ion:198 Resp: 583640
Ion Ratio Lower Upper
198 100
182 4.6 4.8 7.2#
77 25.0 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 36.504 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:169 Resp: 2595044
Ion Ratio Lower Upper
169 100
168 67.1 52.9 79.3
167 36.8 29.3 43.9

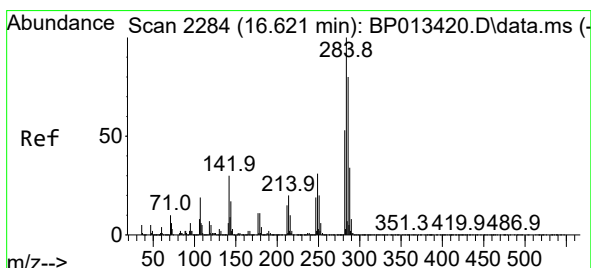
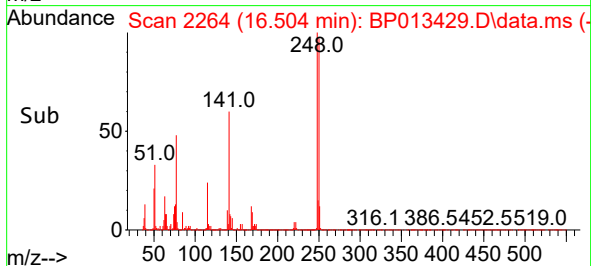
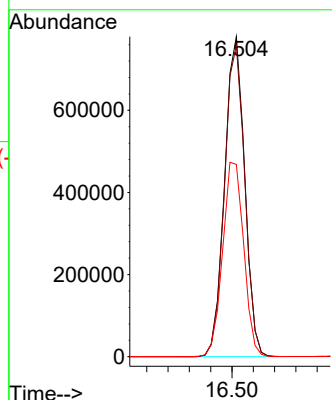
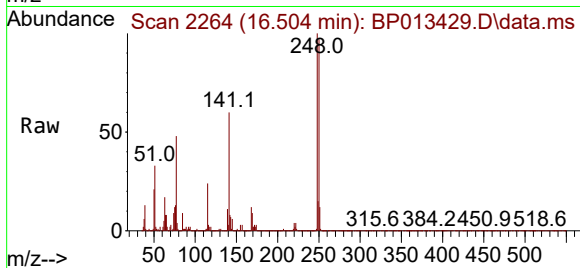




#68
4-Bromophenyl-phenylether
Concen: 37.505 ng/ul
RT: 16.504 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

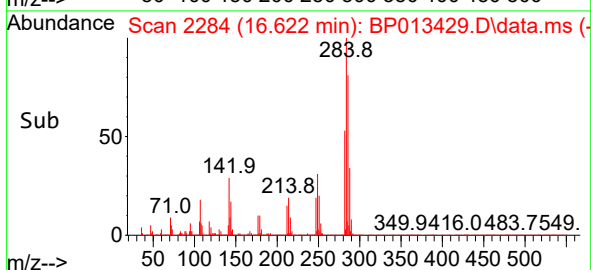
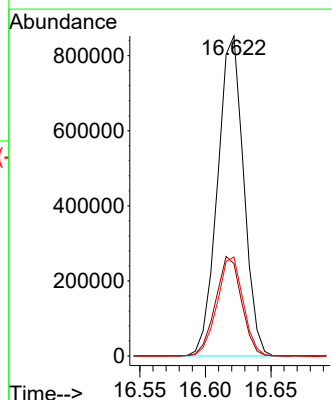
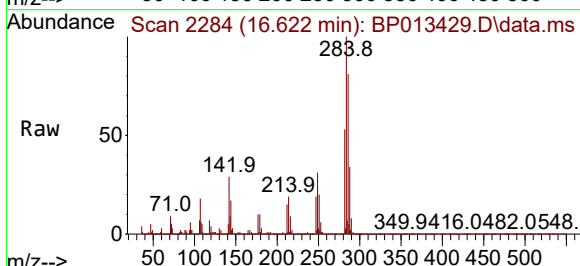
Instrument :
BNA_P
ClientSampleId :

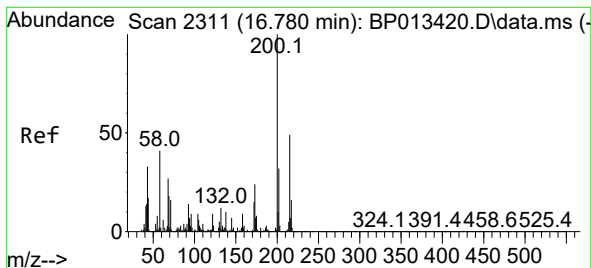
Tgt Ion:248 Resp: 1021127
Ion Ratio Lower Upper
248 100
250 97.2 78.5 117.7
141 60.1 53.0 79.4



#69
Hexachlorobenzene
Concen: 35.917 ng/ul
RT: 16.622 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:284 Resp: 1179099
Ion Ratio Lower Upper
284 100
142 28.9 24.8 37.2
249 30.9 24.1 36.1





#70

Atrazine

Concen: 36.414 ng/ul

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

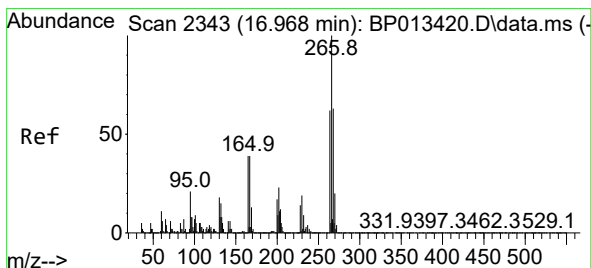
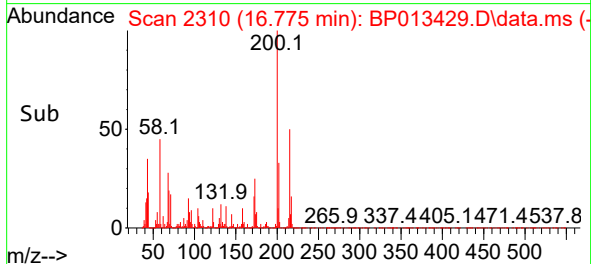
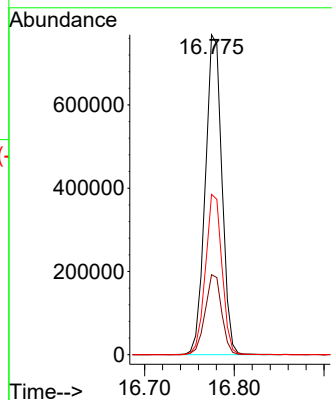
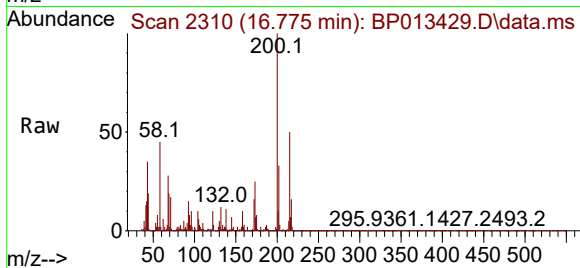
Tgt Ion:200 Resp: 989596

Ion Ratio Lower Upper

200 100

173 25.0 19.2 28.8

215 50.1 39.0 58.4



#71

Pentachlorophenol

Concen: 35.621 ng/ul

RT: 16.969 min Scan# 2343

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

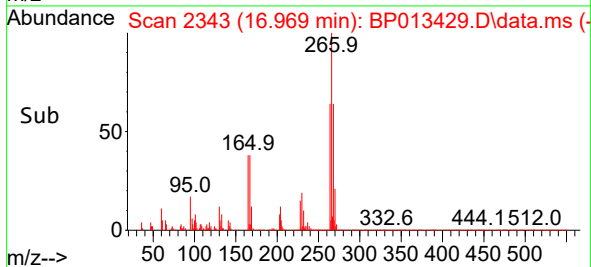
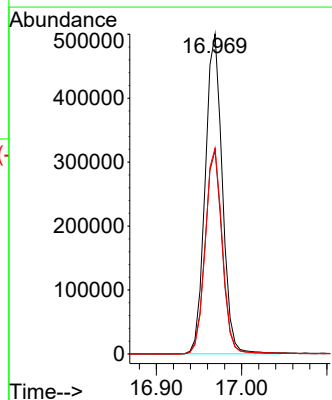
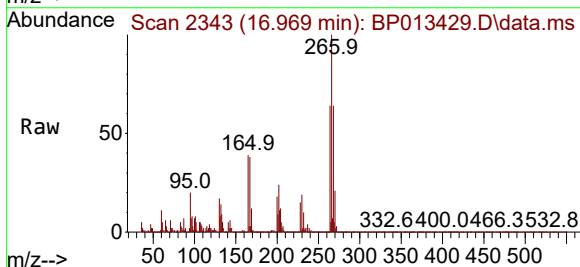
Tgt Ion:266 Resp: 696048

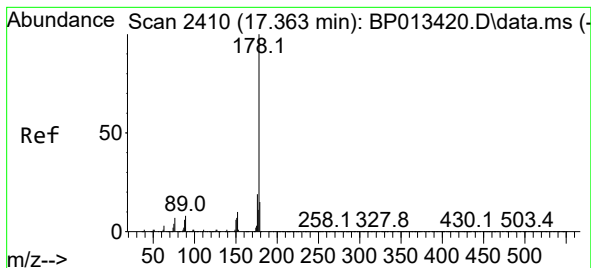
Ion Ratio Lower Upper

266 100

264 63.7 49.7 74.5

268 64.4 49.4 74.0





#72

Phenanthrene

Concen: 34.307 ng/ul

RT: 17.363 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

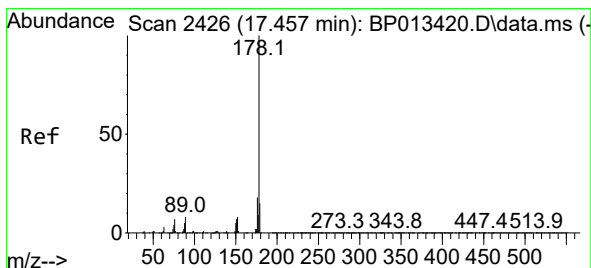
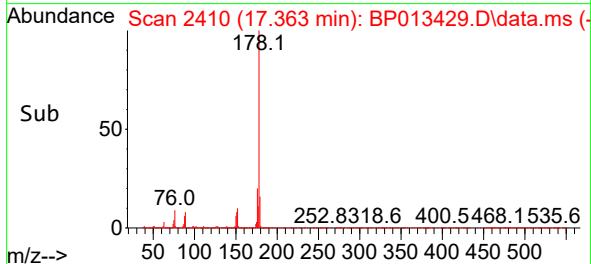
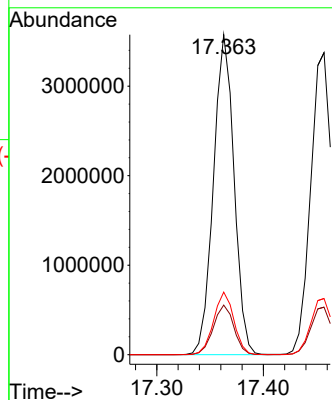
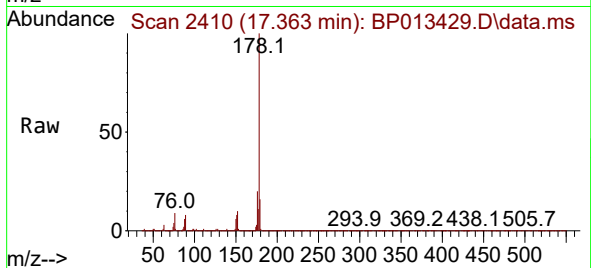
Tgt Ion:178 Resp: 4794113

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 19.5 15.4 23.0



#74

Anthracene

Concen: 34.858 ng/ul

RT: 17.457 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

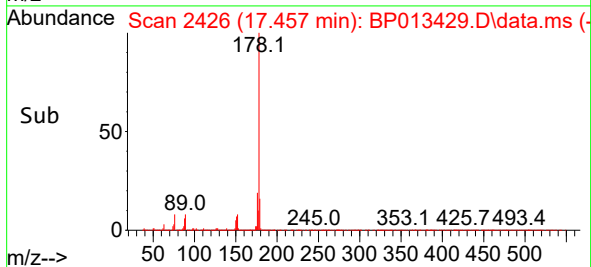
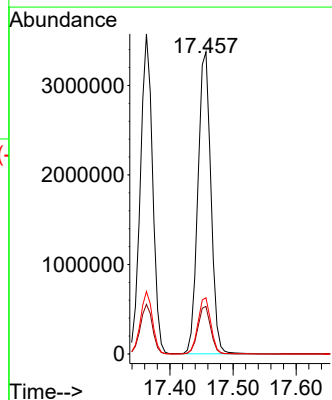
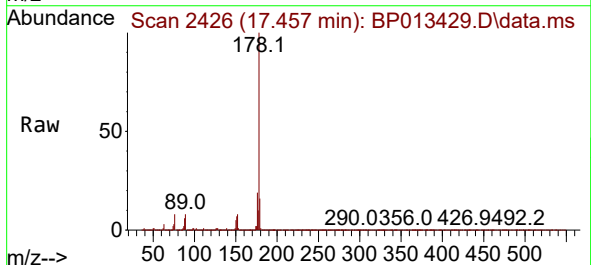
Tgt Ion:178 Resp: 4811661

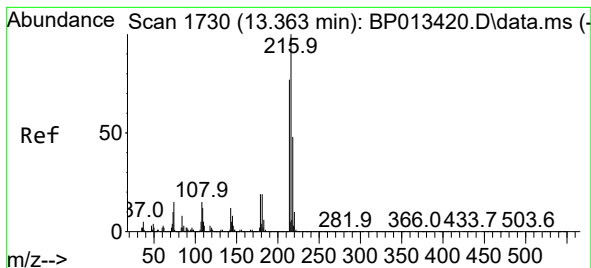
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 18.6 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.418 ng/uL

RT: 13.363 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

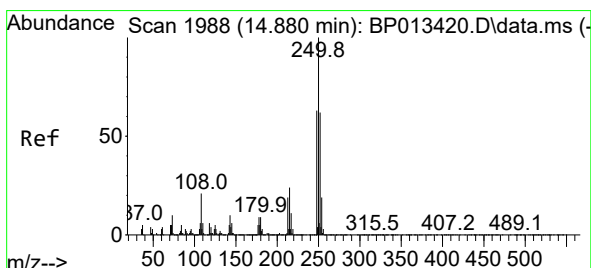
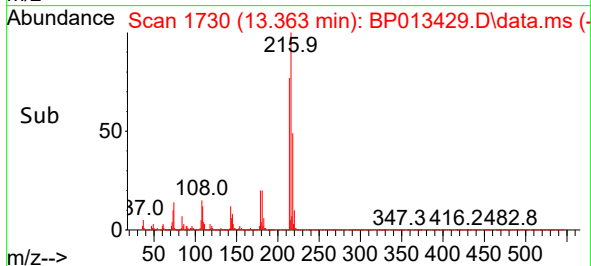
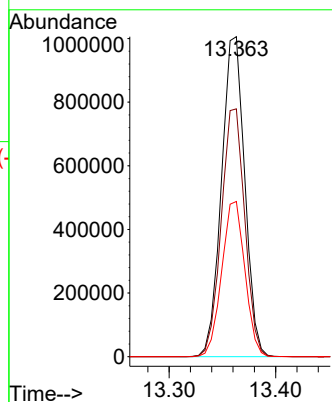
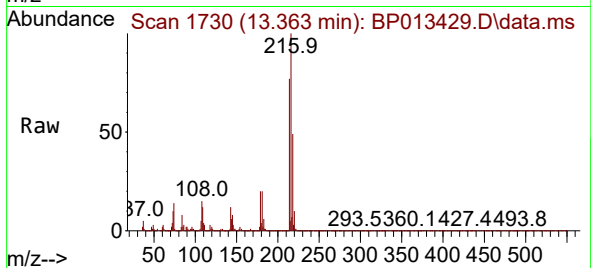
Tgt Ion:216 Resp: 1524982

Ion Ratio Lower Upper

216 100

214 77.4 61.7 92.5

218 48.5 38.1 57.1



#76

Pentachlorobenzene

Concen: 36.555 ng/uL

RT: 14.881 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

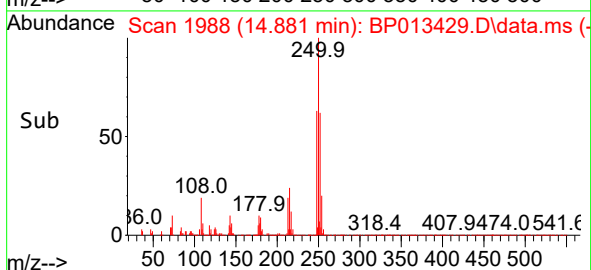
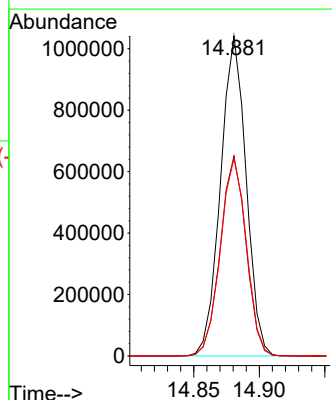
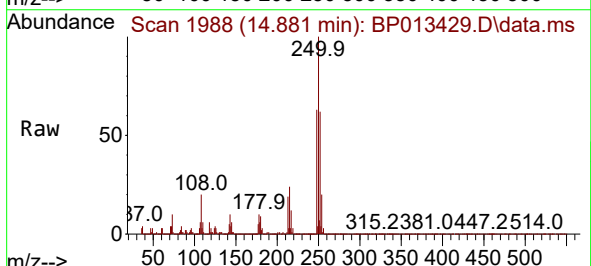
Tgt Ion:250 Resp: 1412747

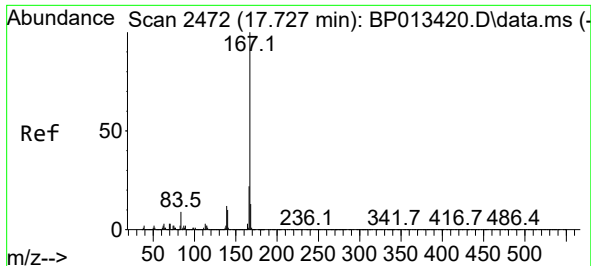
Ion Ratio Lower Upper

250 100

248 62.5 50.0 75.0

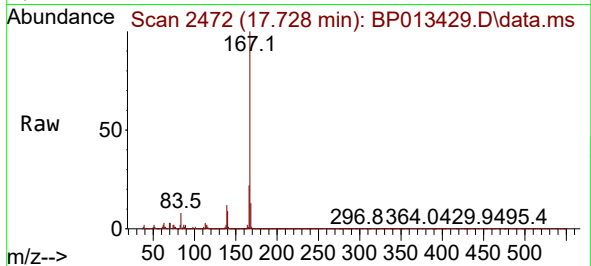
252 61.6 51.1 76.7



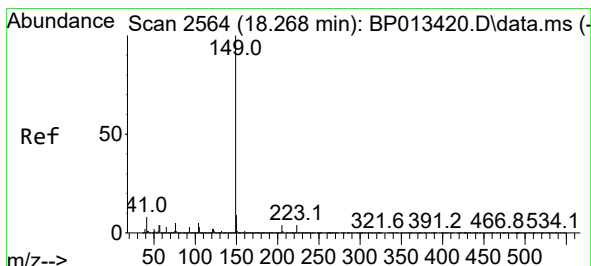
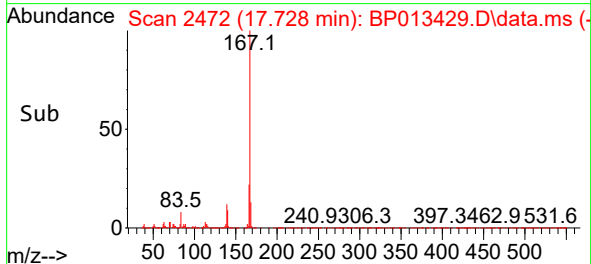
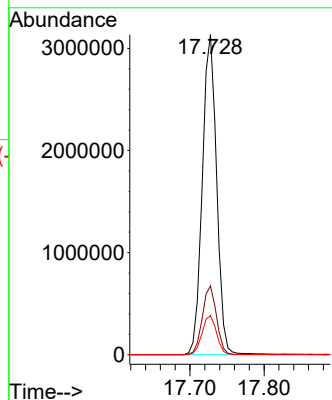


#77
 Carbazole
 Concen: 35.152 ng/ul
 RT: 17.728 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BP013429.D
 Acq: 10 Jan 2023 15:51

Instrument :
 BNA_P
 ClientSampleId :

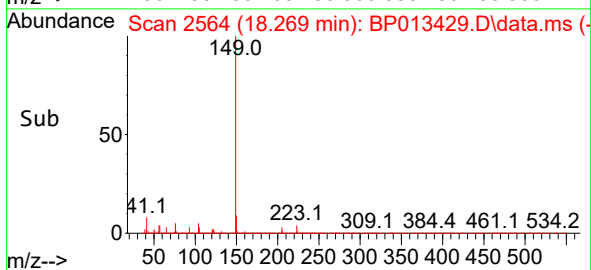
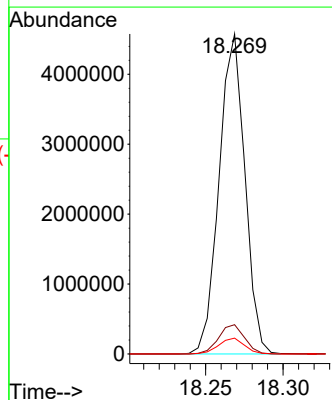
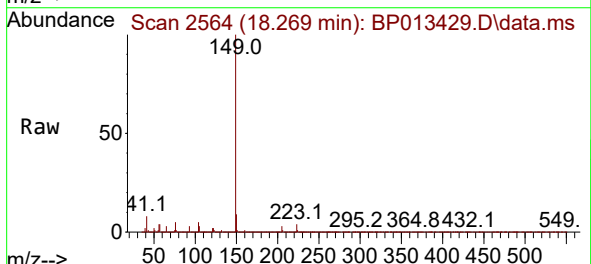


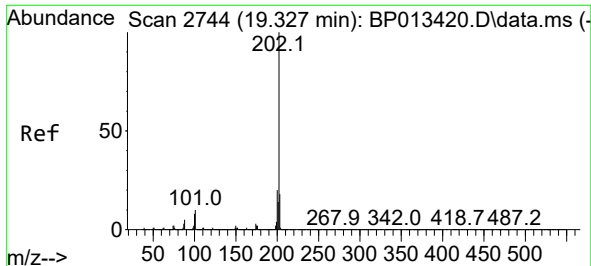
Tgt Ion:167 Resp: 4202740
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.2 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 45.155 ng/ul
 RT: 18.269 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BP013429.D
 Acq: 10 Jan 2023 15:51

Tgt Ion:149 Resp: 5294527
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 4.9 4.3 6.5

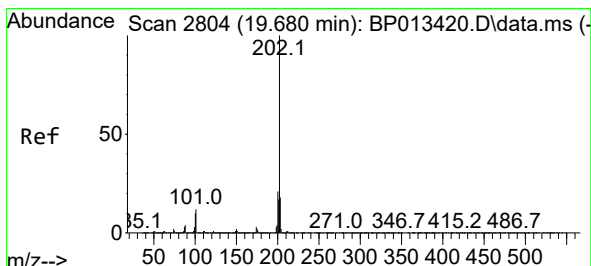
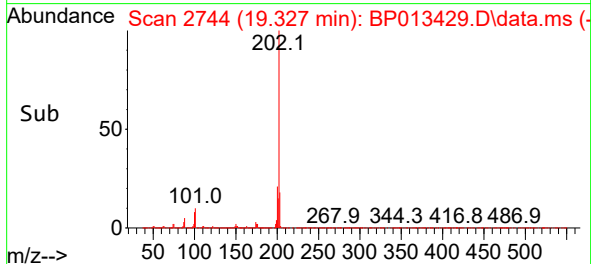
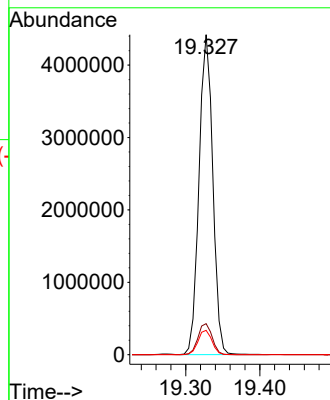
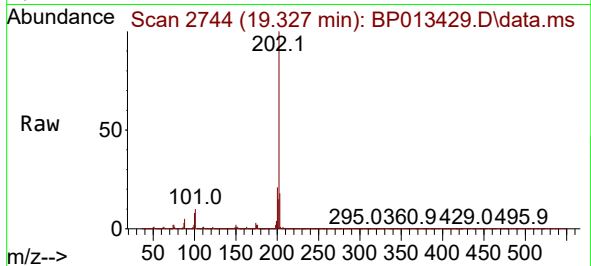




#80
Fluoranthene
Concen: 37.381 ng/ul
RT: 19.327 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

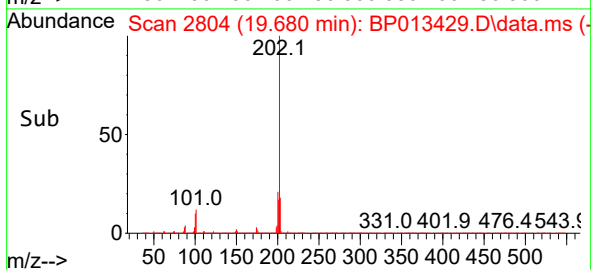
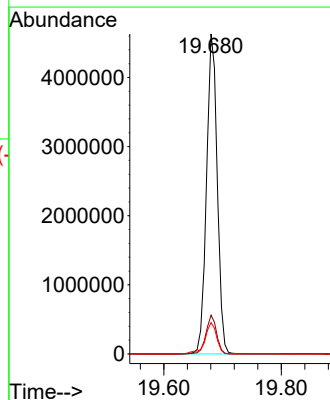
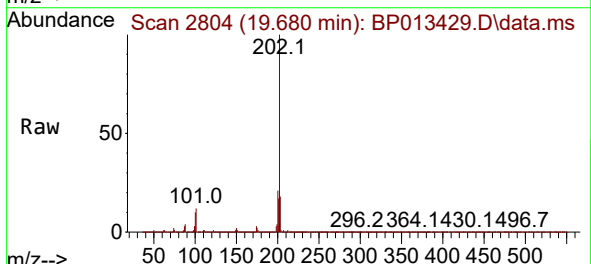
Instrument :
BNA_P
ClientSampleId :

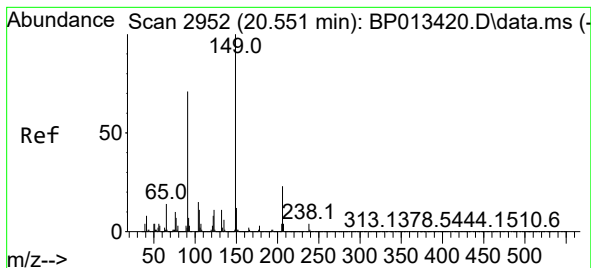
Tgt Ion:202 Resp: 5689724
Ion Ratio Lower Upper
202 100
101 9.7 8.3 12.5
100 7.6 6.8 10.2



#82
Pyrene
Concen: 36.372 ng/ul
RT: 19.680 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:202 Resp: 5865868
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
100 9.8 7.4 11.2





#83

Butylbenzylphthalate

Concen: 47.621 ng/ul

RT: 20.545 min Scan# 2952

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

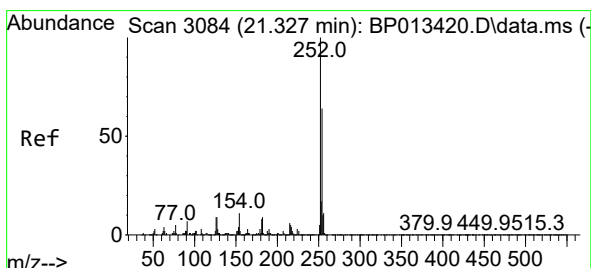
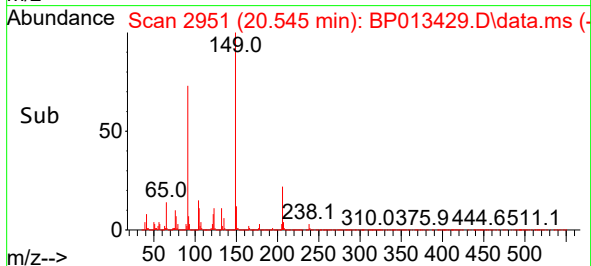
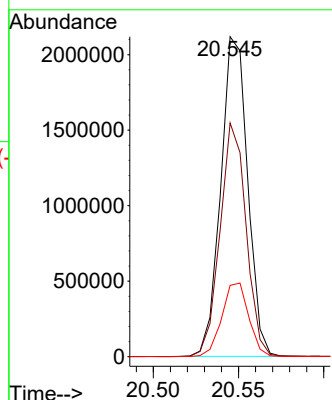
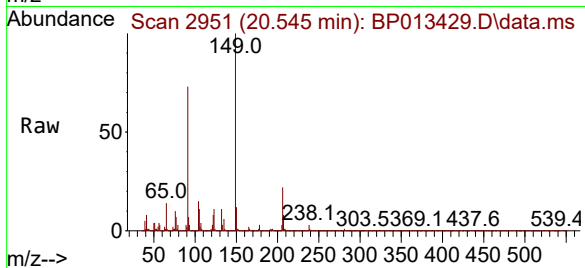
Tgt Ion:149 Resp: 2330474

Ion Ratio Lower Upper

149 100

91 73.0 55.8 83.6

206 22.3 18.5 27.7



#84

3,3'-Dichlorobenzidine

Concen: 36.536 ng/ul

RT: 21.321 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

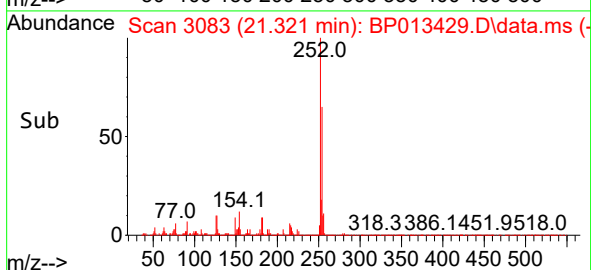
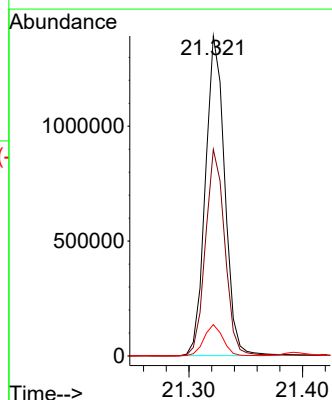
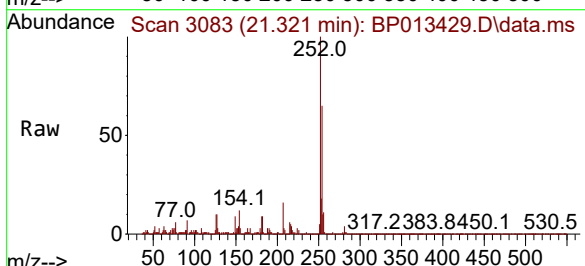
Tgt Ion:252 Resp: 1645788

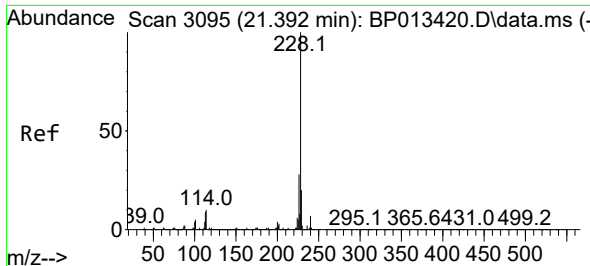
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 9.8 7.0 10.4

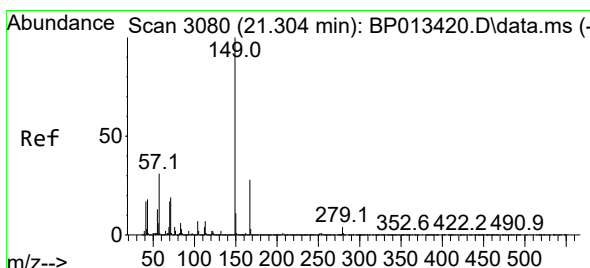
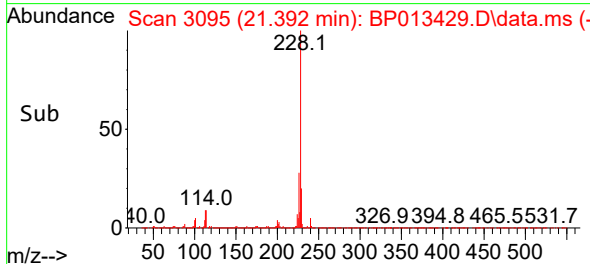
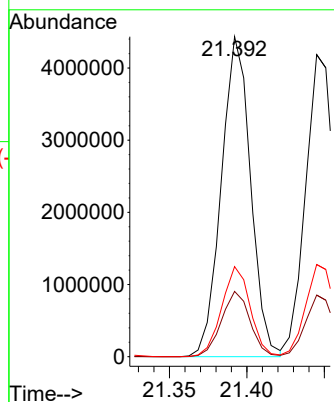
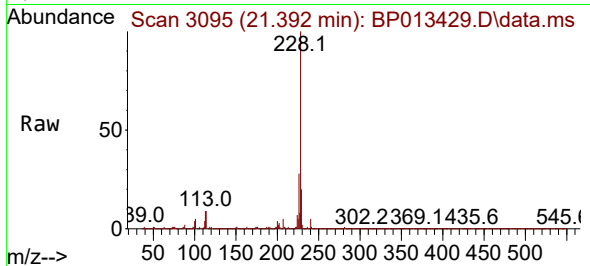




#85
Benzo(a)anthracene
Concen: 35.961 ng/ul
RT: 21.392 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

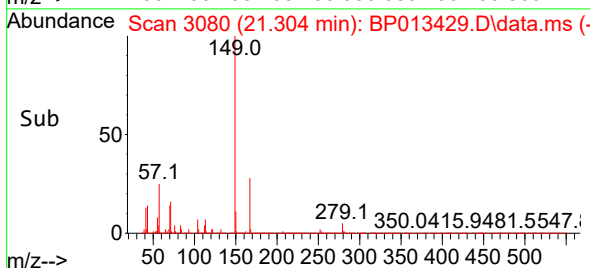
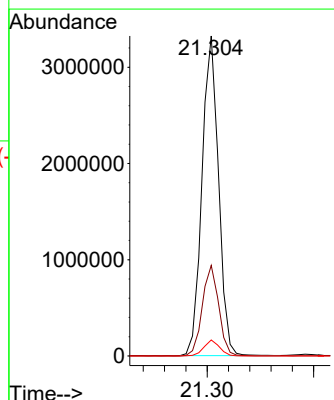
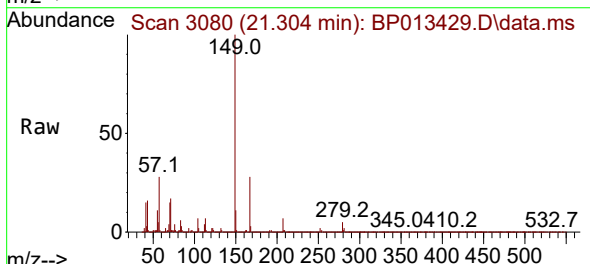
Instrument :
BNA_P
ClientSampleId :

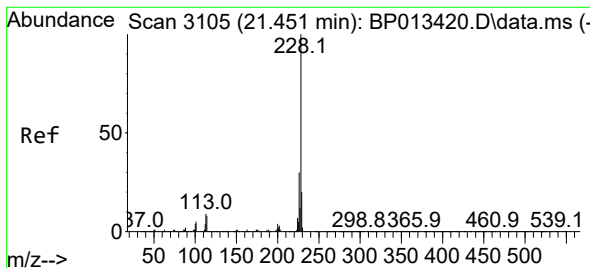
Tgt Ion:228 Resp: 5820920
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.2 21.2 31.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 52.542 ng/ul
RT: 21.304 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP013429.D
Acq: 10 Jan 2023 15:51

Tgt Ion:149 Resp: 3581730
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 5.0 3.5 5.3





#87

Chrysene

Concen: 35.013 ng/ul

RT: 21.445 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

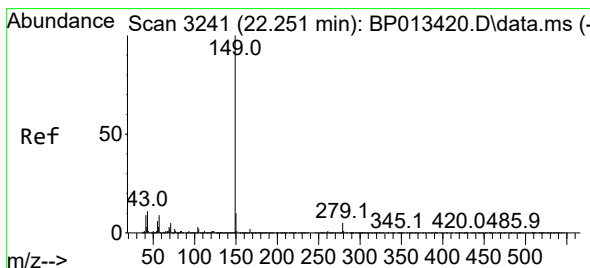
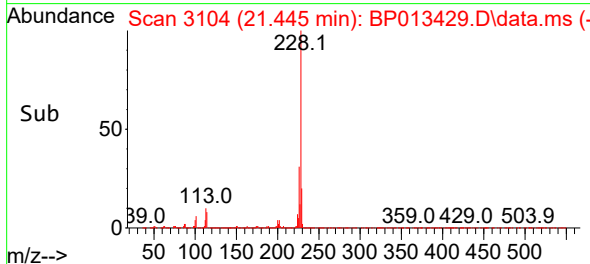
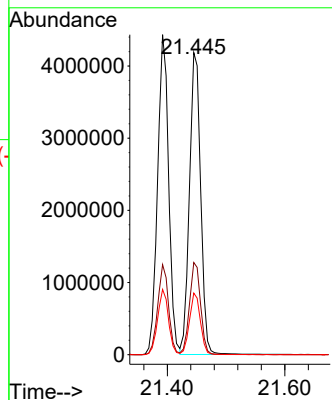
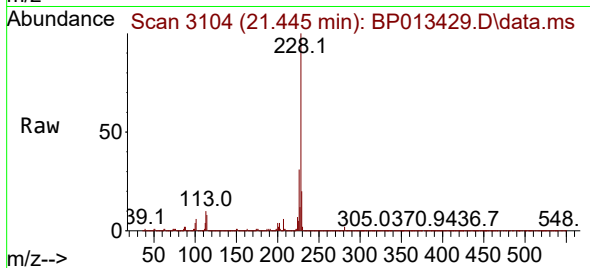
Tgt Ion:228 Resp: 5523962

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 20.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 50.942 ng/ul

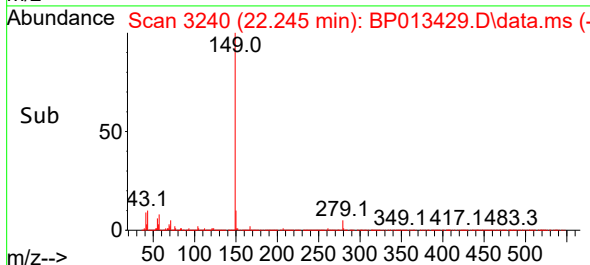
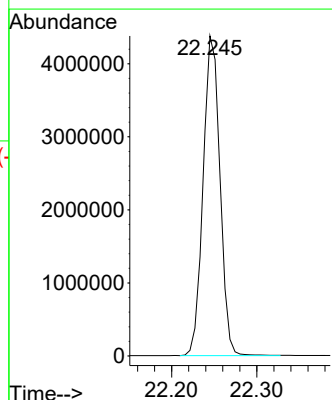
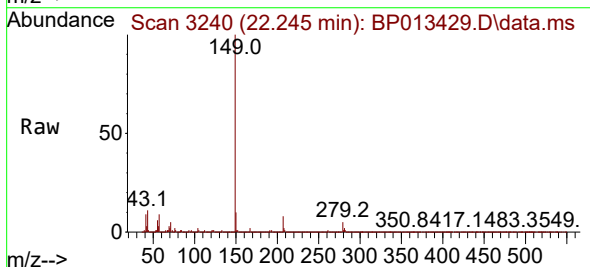
RT: 22.245 min Scan# 3240

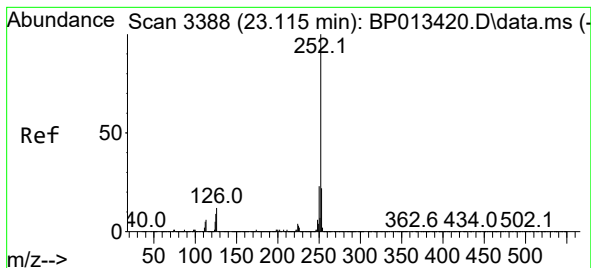
Delta R.T. -0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Tgt Ion:149 Resp: 6010366





#90

Benzo(b)fluoranthene

Concen: 34.876 ng/ul

RT: 23.115 min Scan# 3388

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

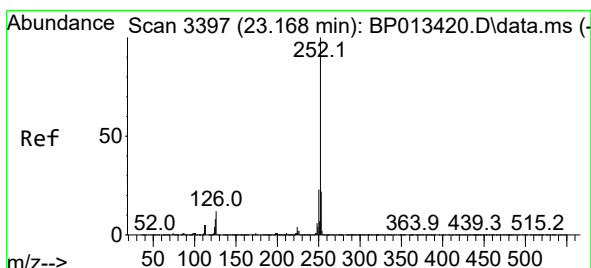
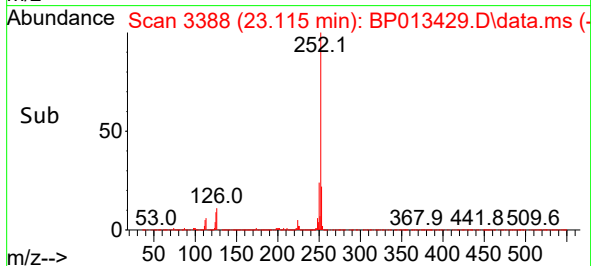
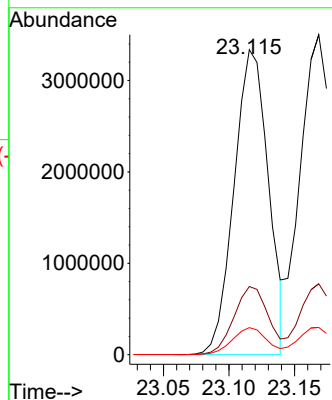
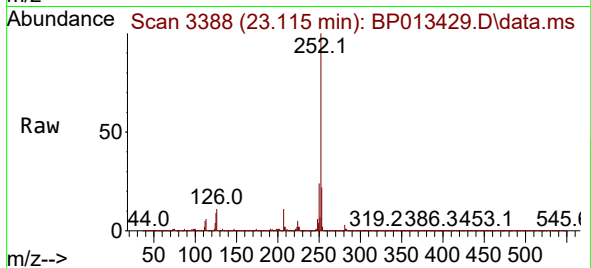
Tgt Ion:252 Resp: 6071354

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.9 7.1 10.7



#91

Benzo(k)fluoranthene

Concen: 36.902 ng/ul

RT: 23.168 min Scan# 3397

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

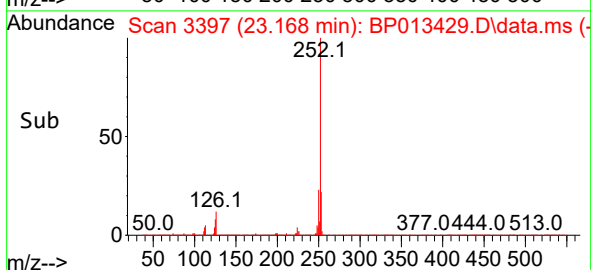
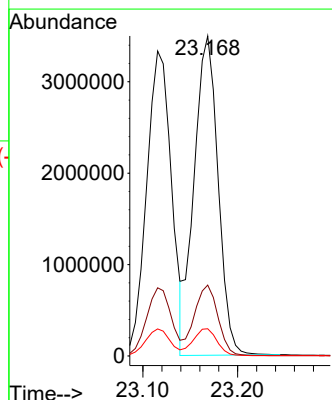
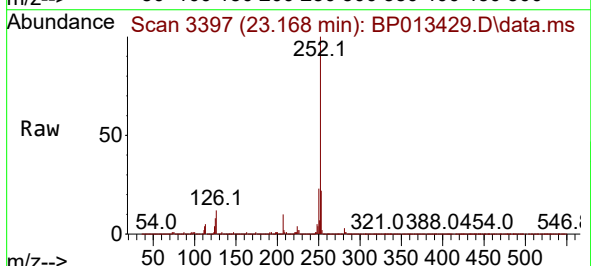
Tgt Ion:252 Resp: 6129850

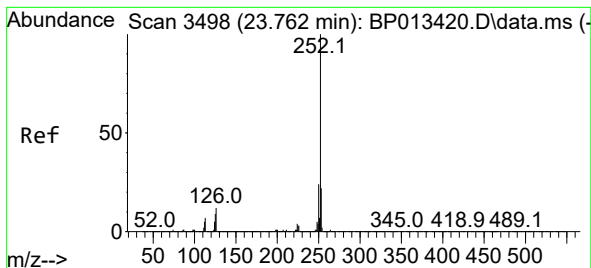
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.5 6.9 10.3





#93

Benzo(a)pyrene

Concen: 35.644 ng/ul

RT: 23.762 min Scan# 3498

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNA_P

ClientSampleId :

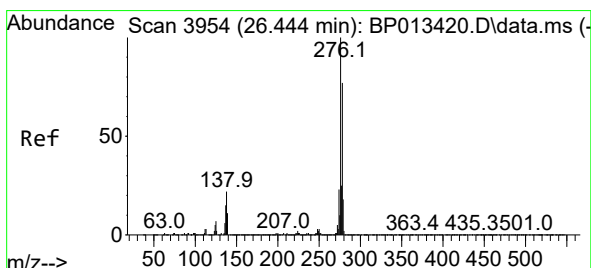
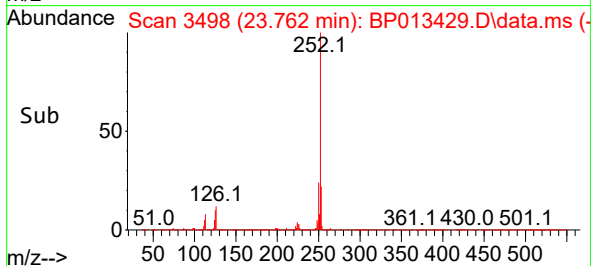
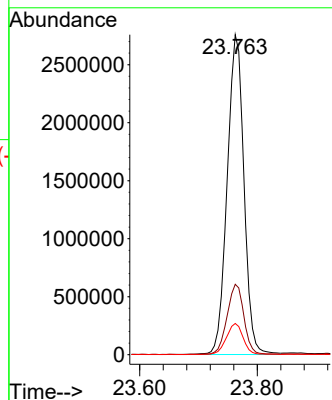
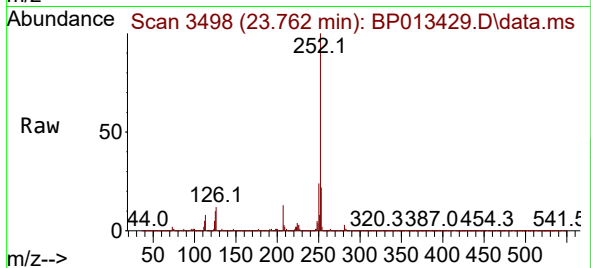
Tgt Ion:252 Resp: 5448194

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.8 7.6 11.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.331 ng/ul

RT: 26.445 min Scan# 3954

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

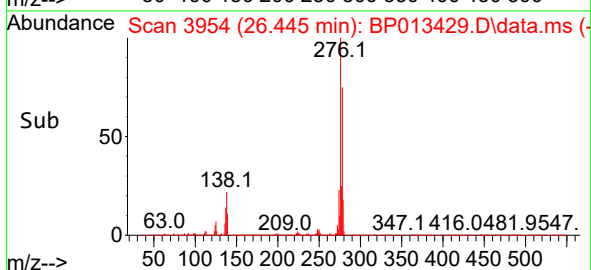
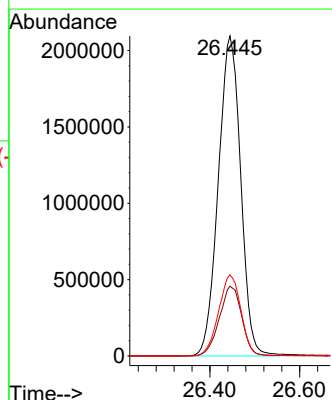
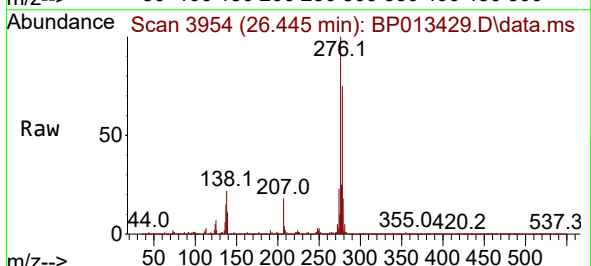
Tgt Ion:276 Resp: 7270863

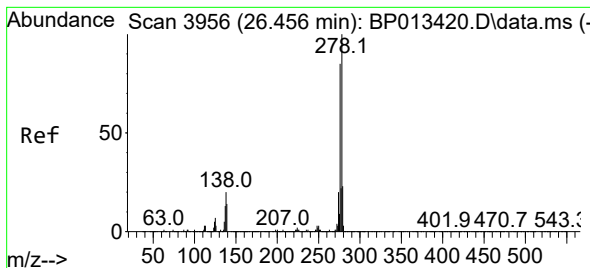
Ion Ratio Lower Upper

276 100

138 21.8 17.3 25.9

277 25.3 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 34.944 ng/ul

RT: 26.462 min Scan# 3956

Delta R.T. 0.006 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Instrument :

BNP_P

ClientSampleId :

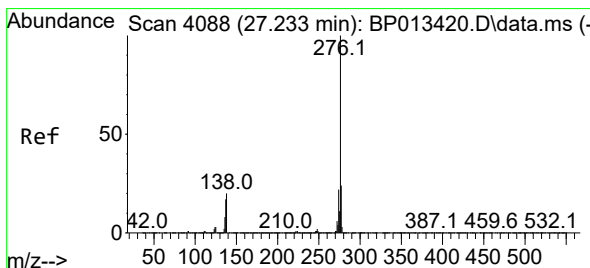
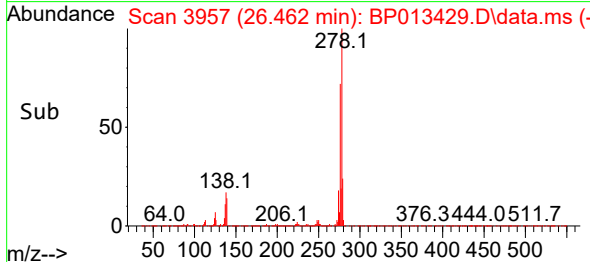
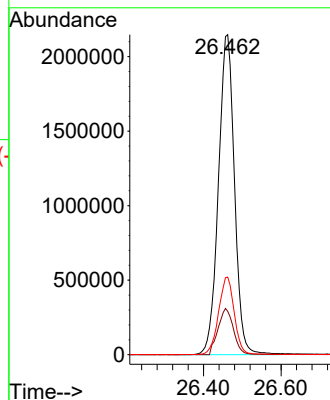
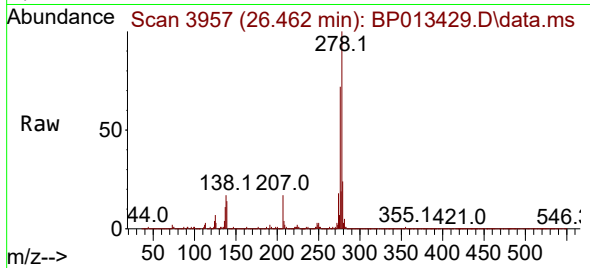
Tgt Ion:278 Resp: 6173512

Ion Ratio Lower Upper

278 100

139 13.6 11.3 16.9

279 24.2 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 34.766 ng/ul

RT: 27.233 min Scan# 4088

Delta R.T. -0.000 min

Lab File: BP013429.D

Acq: 10 Jan 2023 15:51

Tgt Ion:276 Resp: 6055976

Ion Ratio Lower Upper

276 100

138 18.6 14.5 21.7

277 23.9 18.8 28.2

