

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
 Data File : BP011463.D
 Acq On : 17 Aug 2022 15:22
 Operator : CG/JU
 Sample : N4173-14MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 17 23:28:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	132629	20.000	ng/u1	0.00
20) Naphthalene-d8	10.358	136	577565	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	329384	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	617862	20.000	ng/u1	0.02
79) Chrysene-d12	21.186	240	751987	20.000	ng/u1	0.05
88) Perylene-d12	23.369	264	1039356	20.000	ng/u1	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	14835	3.471	ng/uL	0.00
4) Pyridine-d5	3.481	84	137840	12.597	ng/u1	0.00
7) Phenol-d5	6.752	99	329428	27.029	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	198710	25.095	ng/u1	0.00
11) 2-Chlorophenol-d4	7.099	132	261756	29.200	ng/u1	0.00
15) 4-Methylphenol-d8	8.293	113	267976	27.470	ng/u1	0.01
21) Nitrobenzene-d5	8.728	128	131790	31.695	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	134458	31.774	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	243034	31.113	ng/u1	0.00
31) 4-Chloroaniline-d4	10.510	131	331506	25.494	ng/u1	0.01
46) Dimethylphthalate-d6	13.663	166	681429	29.250	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	796956	30.779	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	100910	22.482	ng/u1	0.02
60) Fluorene-d10	15.245	176	571463	29.157	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	43387	12.995	ng/u1	0.04
73) Anthracene-d10	17.128	188	918242	33.556	ng/u1	0.02
81) Pyrene-d10	19.398	212	1006701	26.460	ng/u1	0.04
92) Benzo(a)pyrene-d12	23.369	264	992949	19.640	ng/u1	0.09
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	47117	10.573	ng/uL	95
5) Pyridine	3.499	79	250629	22.946	ng/u1	94
6) Benzaldehyde	6.717	77	222758	39.826	ng/u1	94
8) Phenol	6.781	94	512038	40.882	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.005	93	333588	34.143	ng/u1	96
12) 2-Chlorophenol	7.128	128	371134	38.475	ng/u1	99
13) 2-Methylphenol	8.022	108	370446	40.148	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.105	45	462814	31.975	ng/u1	98
16) Acetophenone	8.393	105	566835	34.929	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.387	70	285368	35.352	ng/u1	92
18) 4-Methylphenol	8.352	108	442067	43.275	ng/u1	94
19) Hexachloroethane	8.628	117	155386	35.513	ng/u1	95
22) Nitrobenzene	8.769	77	434047	37.034	ng/u1	95
23) Isophorone	9.305	82	790817	38.439	ng/u1	98
25) 2-Nitrophenol	9.475	139	200933	41.616	ng/u1	97
26) 2,4-Dimethylphenol	9.552	107	477691	41.669	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.793	93	449300	36.130	ng/u1	97
29) 2,4-Dichlorophenol	10.010	162	330868	41.389	ng/u1	98
30) Naphthalene	10.416	128	9606910	315.025	ng/u1	99
32) 4-Chloroaniline	10.534	127	356919	26.493	ng/u1	97
33) Hexachlorobutadiene	10.681	225	184049	36.165	ng/u1	98
34) Caprolactam	11.346	113	113041	38.998	ng/u1	95
35) 4-Chloro-3-methylphenol	11.675	107	414641	41.024	ng/u1	95
36) 2-Methylnaphthalene	12.034	142	2218197	111.801	ng/u1	98

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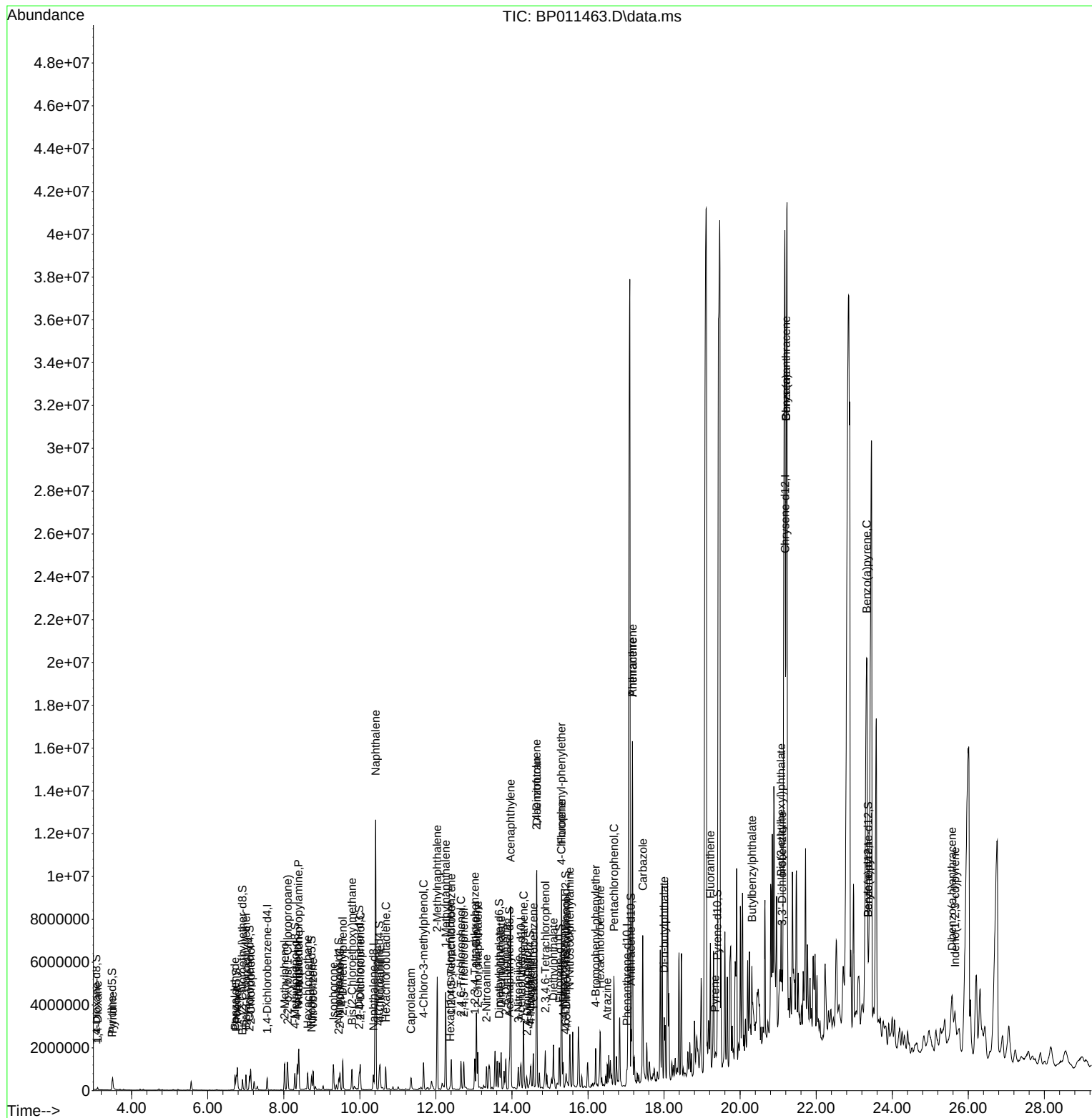
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 ClientSampleId :

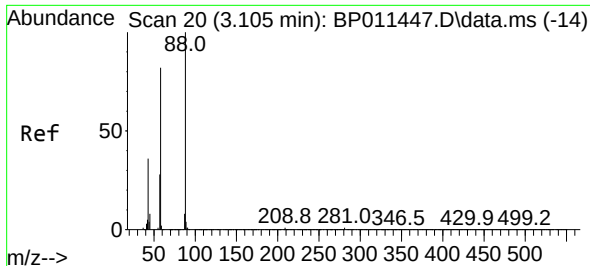
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	1839745	91.424	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.404	216	335362	40.114	ng/ul	97
40) Hexachlorocyclopentadiene	12.375	237	29232	5.636	ng/ul	96
41) 2,4,6-Trichlorophenol	12.657	196	237855	44.205	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	261998	43.741	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	1589523	64.765	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	728756	39.404	ng/ul	100
45) 2-Nitroaniline	13.328	65	285555	45.238	ng/ul	95
47) Dimethylphthalate	13.716	163	922854	38.327	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	197154	45.543	ng/ul	92
50) Acenaphthylene	13.963	152	5315002	172.785	ng/ul	99
51) 3-Nitroaniline	14.169	138	209920	44.519	ng/ul	93
52) Acenaphthene	14.304	153	1121850	54.450	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	52801	19.928	ng/ul#	82
55) 4-Nitrophenol	14.498	109	189299	35.396	ng/ul	92
56) Dibenzofuran	14.651	168	4856410	170.929	ng/ul	99
57) 2,4-Dinitrotoluene	14.646	165	293064	45.222	ng/ul#	1
58) 2,3,4,6-Tetrachlorophenol	14.881	232	196434	41.771	ng/ul	93
59) Diethylphthalate	15.093	149	1008450	38.239	ng/ul	99
61) Fluorene	15.304	166	3025685	130.172	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.298	204	398220	37.925	ng/ul	97
63) 4-Nitroaniline	15.345	138	213915	46.967	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.428	198	68968	19.970	ng/ul#	82
67) N-Nitrosodiphenylamine	15.522	169	773894	42.693	ng/ul	98
68) 4-Bromophenyl-phenylether	16.204	248	235923	42.774	ng/ul	92
69) Hexachlorobenzene	16.322	284	273909	43.091	ng/ul	96
70) Atrazine	16.504	200	148217	21.910	ng/ul	98
71) Pentachlorophenol	16.681	266	150080	38.078	ng/ul	97
72) Phenanthrene	17.169	178	8565813	256.133	ng/ul	99
74) Anthracene	17.169	178	8572794	254.088	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.022	216	335388	42.227	ng/uL	99
76) Pentachlorobenzene	14.563	250	323874	42.975	ng/uL	98
77) Carbazole	17.439	167	3823068	120.468	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1739270	44.505	ng/ul	99
80) Fluoranthene	19.216	202	2977342	63.634	ng/ul	97
82) Pyrene	19.339	202	228837	4.655	ng/ul	97
83) Butylbenzylphthalate	20.310	149	878738	39.845	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.104	252	475597	33.408	ng/ul	98
85) Benzo(a)anthracene	21.210	228	1692478	36.942	ng/ul#	89
86) Bis(2-ethylhexyl)phtha...	21.075	149	1438160	44.066	ng/ul	99
87) Chrysene	21.210	228	1692478	37.606	ng/ul	91
93) Benzo(a)pyrene	23.327	252	20163619	319.445	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.651	276	2790563	39.636	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.574	278	2210599	36.465	ng/ul	95

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

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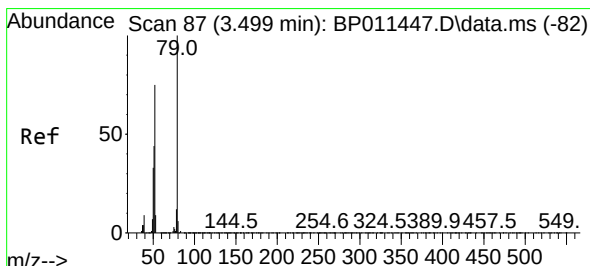
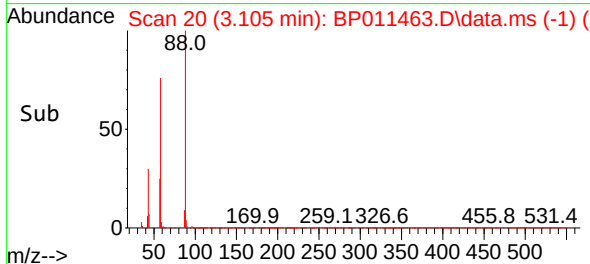
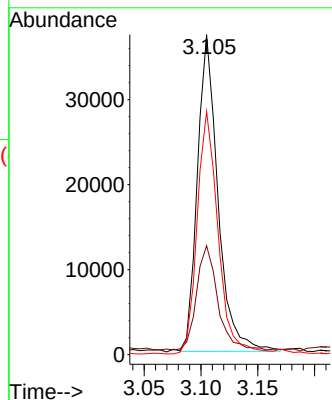
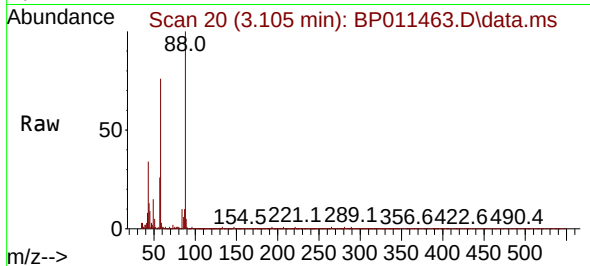




#2
1,4-Dioxane
Concen: 10.573 ng/uL
RT: 3.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

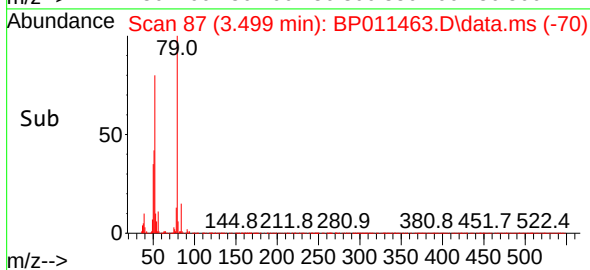
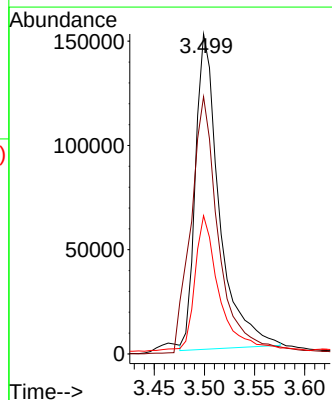
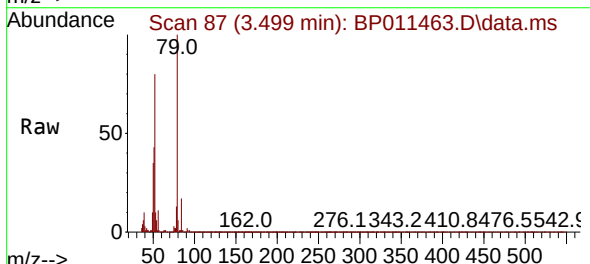
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BNA_P
ClientSampleId :

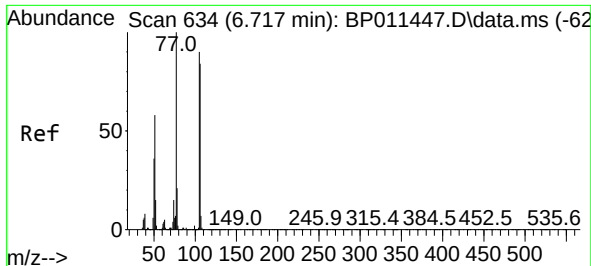
Tgt Ion: 88 Resp: 47117
Ion Ratio Lower Upper
88 100
43 34.0 29.0 43.4
58 76.0 64.7 97.1



#5
Pyridine
Concen: 22.946 ng/uL
RT: 3.499 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion: 79 Resp: 250629
Ion Ratio Lower Upper
79 100
52 80.4 70.2 105.2
51 43.2 36.1 54.1

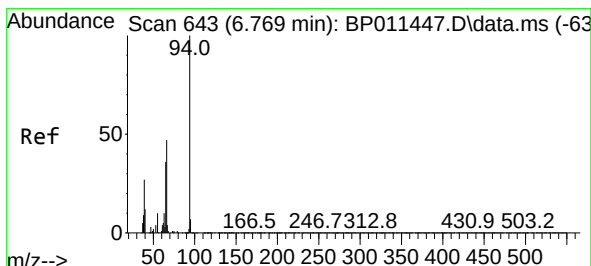
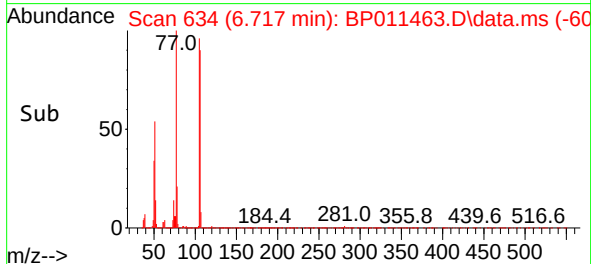
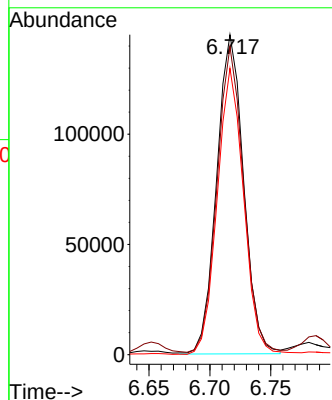
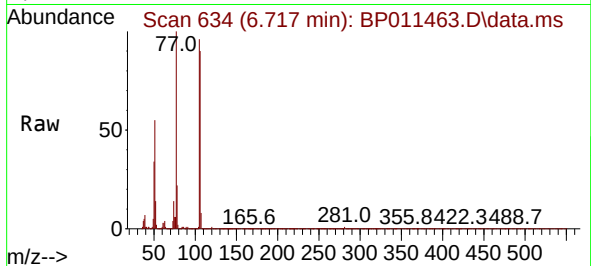




#6
Benzaldehyde
Concen: 39.826 ng/ul
RT: 6.717 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

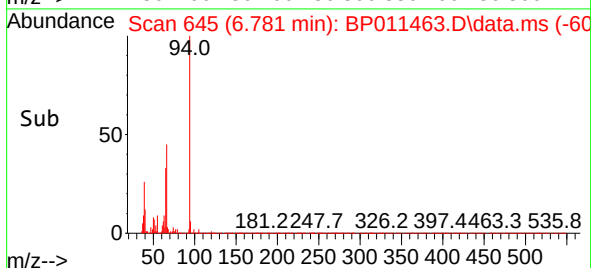
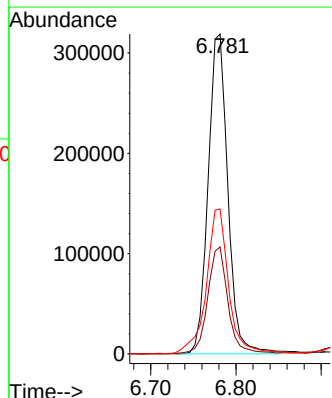
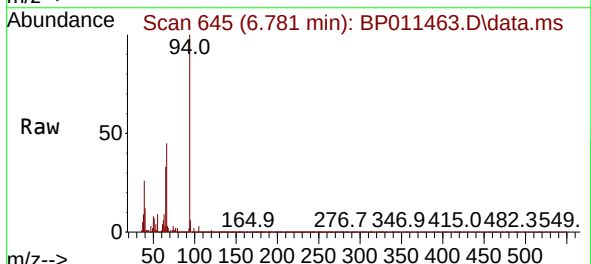
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BNA_P
ClientSampleId :

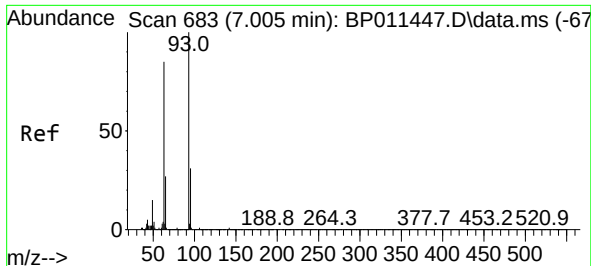
Tgt Ion: 77 Resp: 222758
Ion Ratio Lower Upper
77 100
105 96.3 72.0 108.0
106 89.5 67.4 101.0



#8
Phenol
Concen: 40.882 ng/ul
RT: 6.781 min Scan# 645
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion: 94 Resp: 512038
Ion Ratio Lower Upper
94 100
65 33.5 28.9 43.3
66 45.3 39.4 59.0

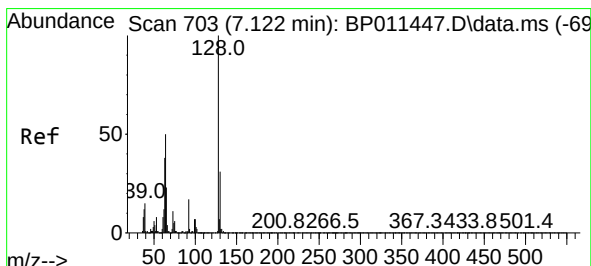
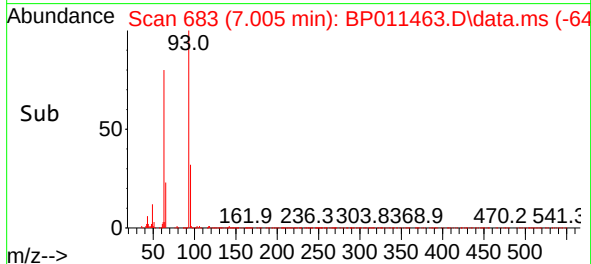
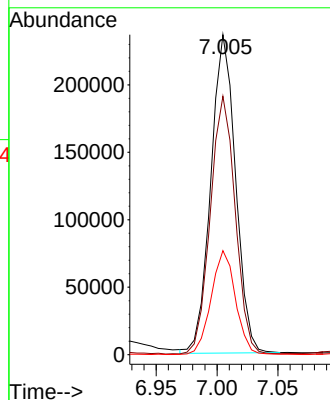
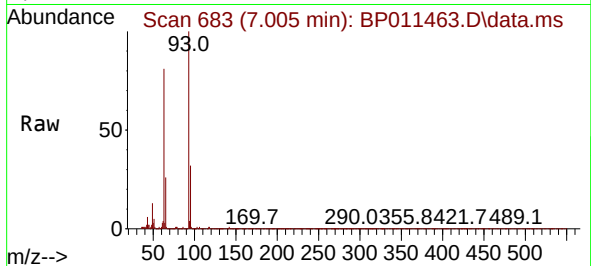




#10
Bis(2-Chloroethyl)ether
Concen: 34.143 ng/ul
RT: 7.005 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

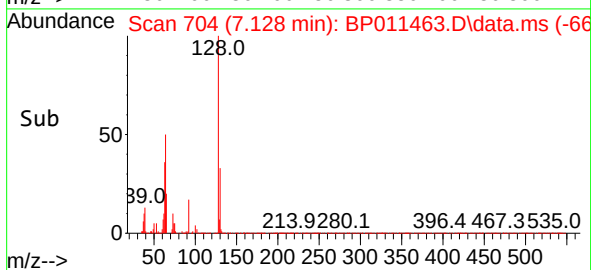
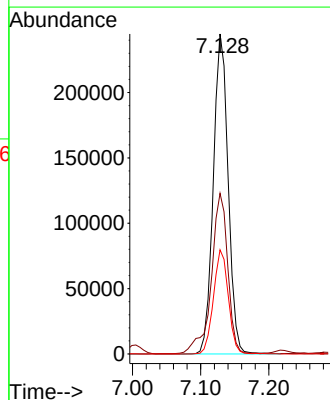
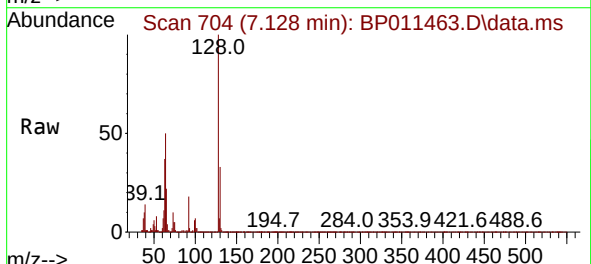
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ClientSampleId :

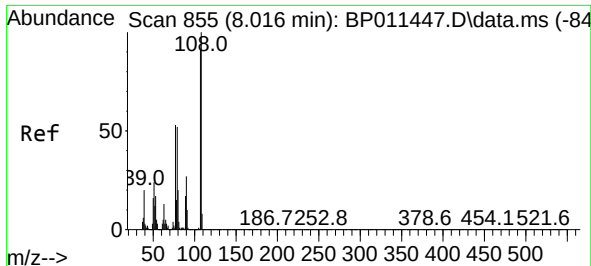
Tgt Ion: 93 Resp: 333588
Ion Ratio Lower Upper
93 100
63 80.8 67.8 101.6
95 32.5 25.0 37.6



#12
2-Chlorophenol
Concen: 38.475 ng/ul
RT: 7.128 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion: 128 Resp: 371134
Ion Ratio Lower Upper
128 100
64 50.2 40.2 60.2
130 32.5 24.6 37.0

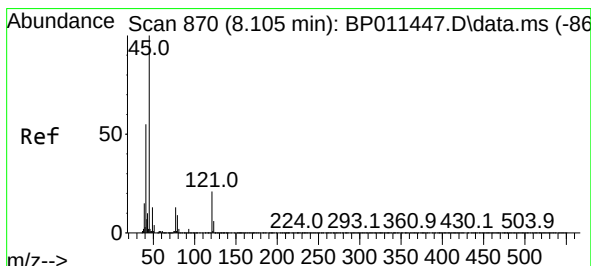
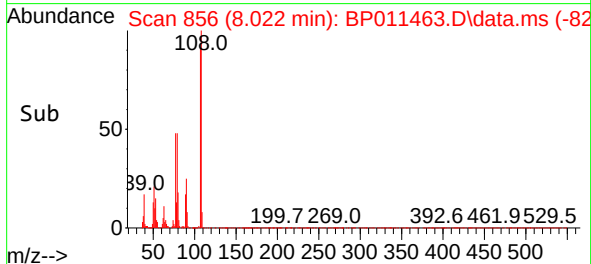
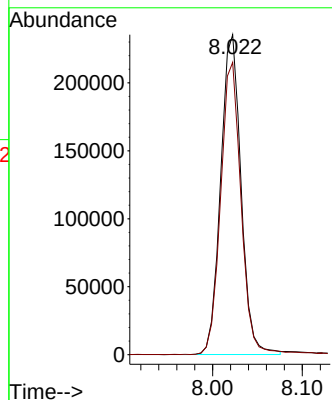
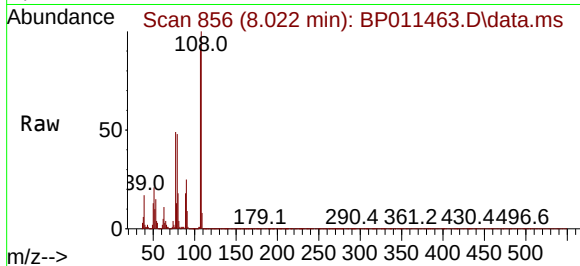




#13
2-Methylphenol
Concen: 40.148 ng/ul
RT: 8.022 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

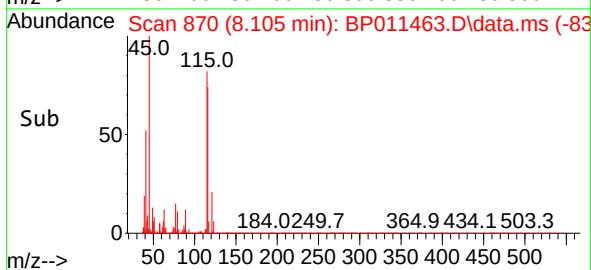
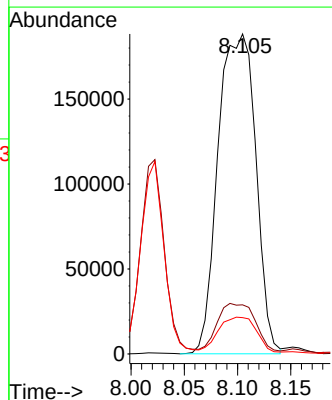
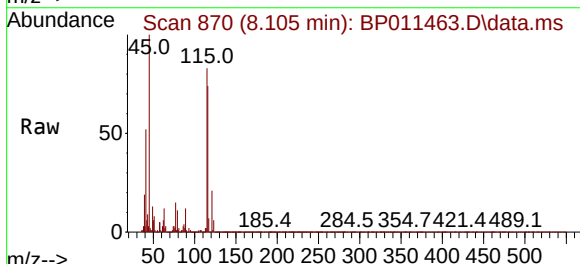
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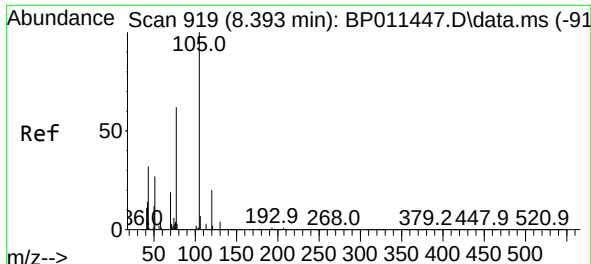
Tgt Ion:108 Resp: 370446
Ion Ratio Lower Upper
108 100
107 91.3 73.2 109.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.975 ng/ul
RT: 8.105 min Scan# 870
Delta R.T. 0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion: 45 Resp: 462814
Ion Ratio Lower Upper
45 100
77 15.4 11.4 17.0
79 11.3 8.6 13.0

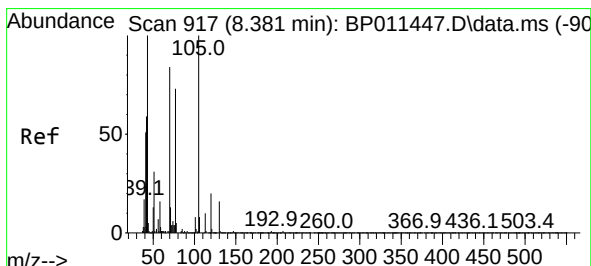
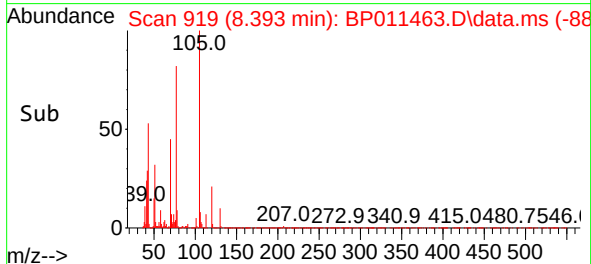
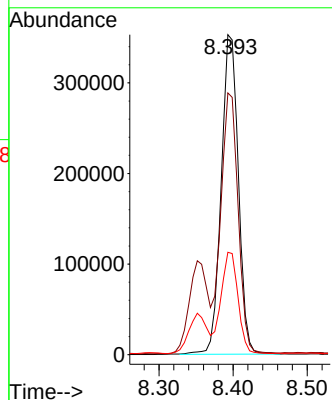
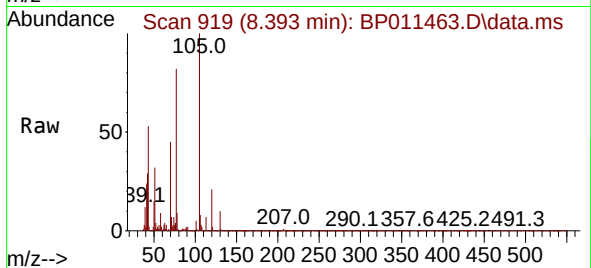




#16
Acetophenone
Concen: 34.929 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

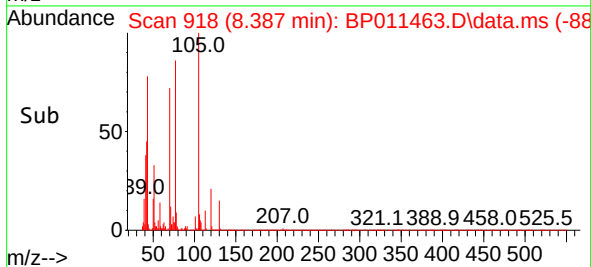
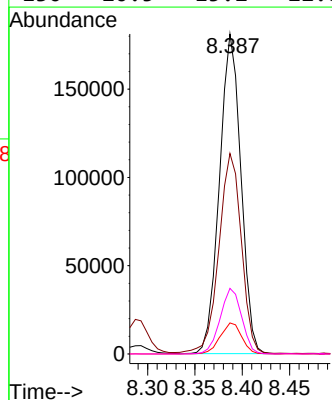
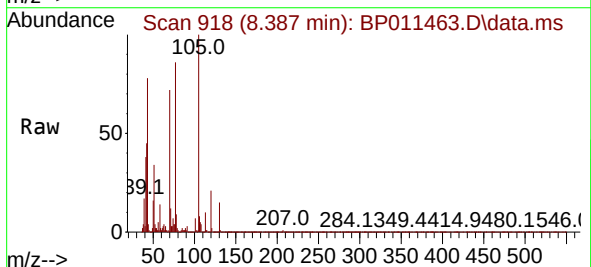
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ClientSampleId :

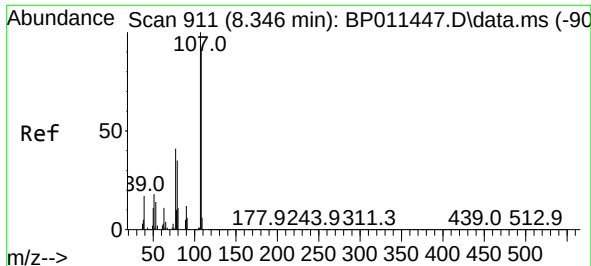
Tgt Ion:105 Resp: 566835
Ion Ratio Lower Upper
105 100
77 81.8 66.4 99.6
51 32.0 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 35.352 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion: 70 Resp: 285368
Ion Ratio Lower Upper
70 100
42 62.6 57.0 85.4
101 9.7 7.6 11.4
130 20.5 15.2 22.8

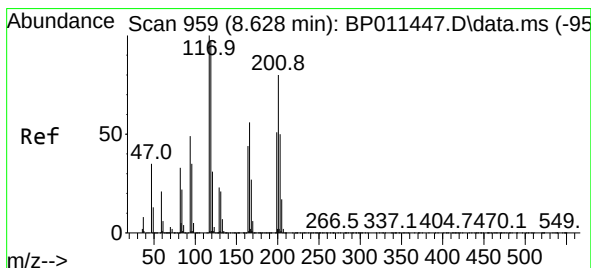
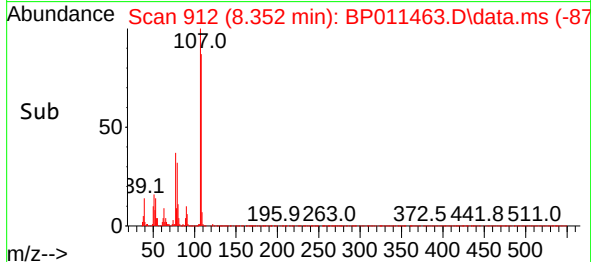
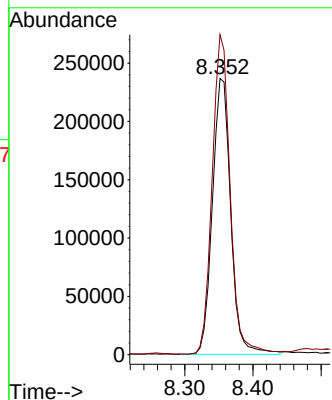
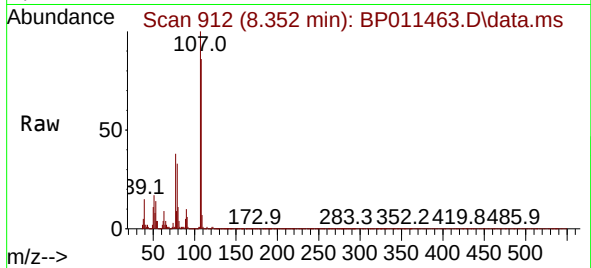




#18
4-Methylphenol
Concen: 43.275 ng/ul
RT: 8.352 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

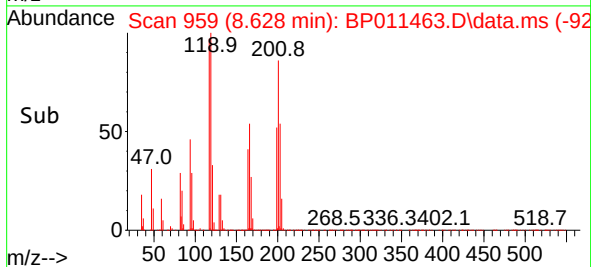
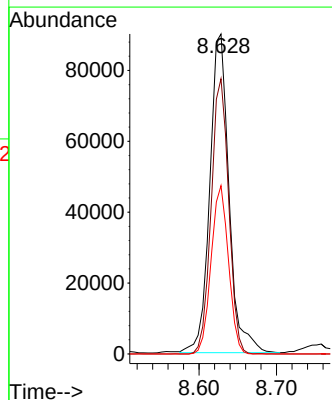
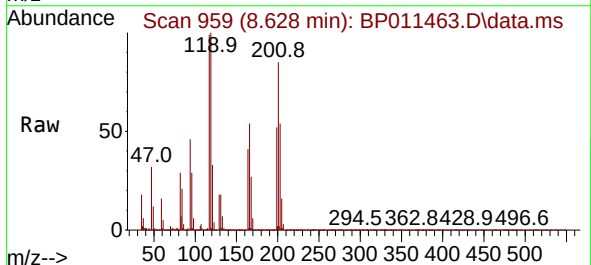
Instrument :
BNA_P
ClientSampleId :

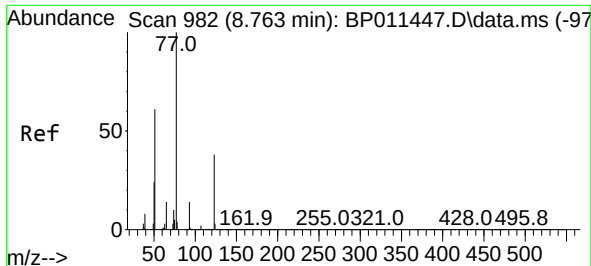
Tgt Ion:108 Resp: 442067
Ion Ratio Lower Upper
108 100
107 115.9 87.7 131.5



#19
Hexachloroethane
Concen: 35.513 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:117 Resp: 155386
Ion Ratio Lower Upper
117 100
201 86.0 64.2 96.4
199 52.6 41.0 61.6

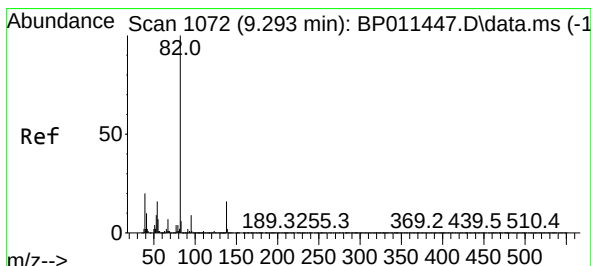
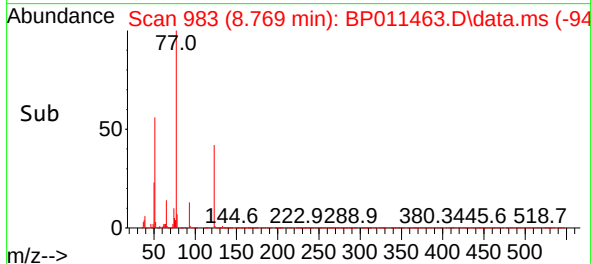
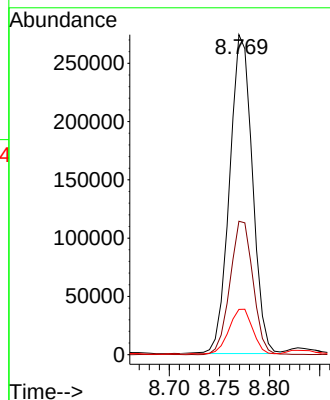
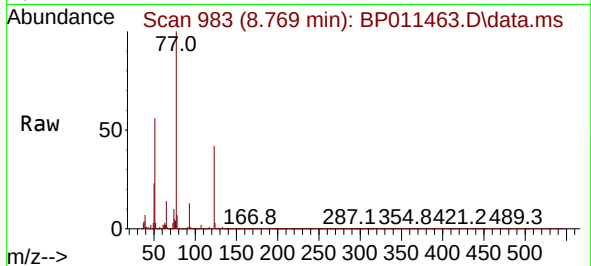




#22
Nitrobenzene
Concen: 37.034 ng/ul
RT: 8.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

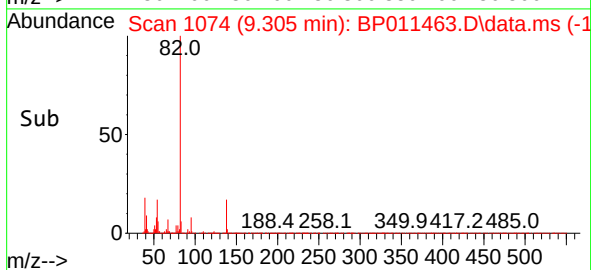
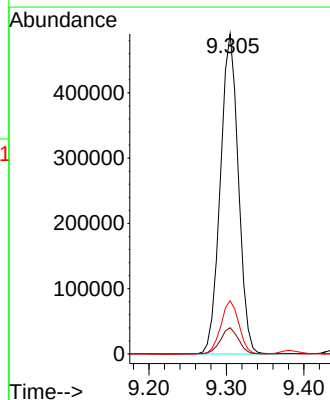
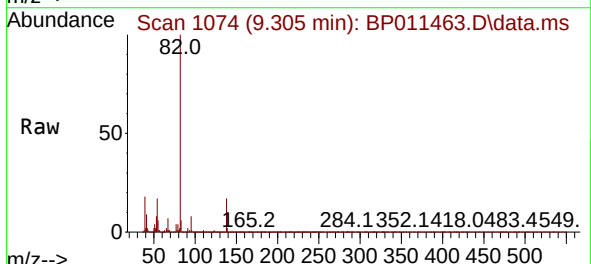
Instrument :
BNA_P
ClientSampleId :

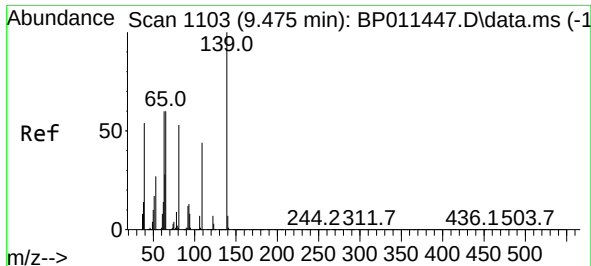
Tgt Ion: 77 Resp: 434047
Ion Ratio Lower Upper
77 100
123 41.7 30.4 45.6
65 14.1 11.5 17.3



#23
Isophorone
Concen: 38.439 ng/ul
RT: 9.305 min Scan# 1074
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion: 82 Resp: 790817
Ion Ratio Lower Upper
82 100
95 8.2 7.1 10.7
138 16.6 12.6 19.0

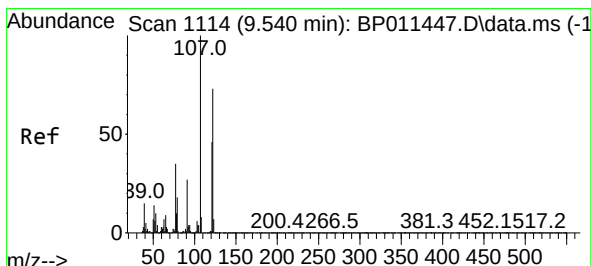
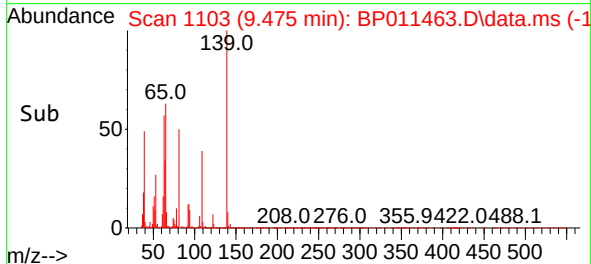
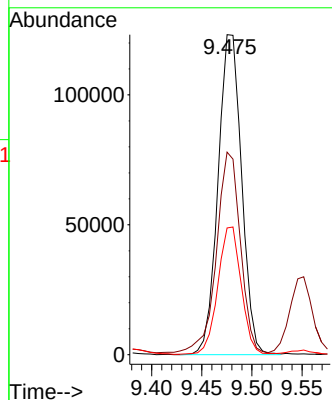
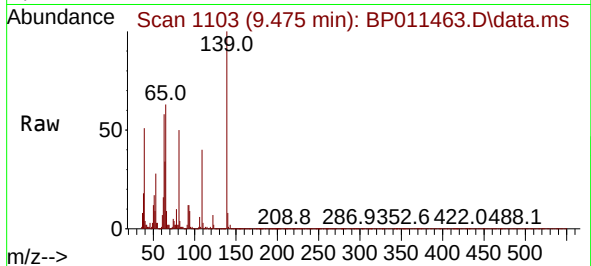




#25
2-Nitrophenol
Concen: 41.616 ng/ul
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

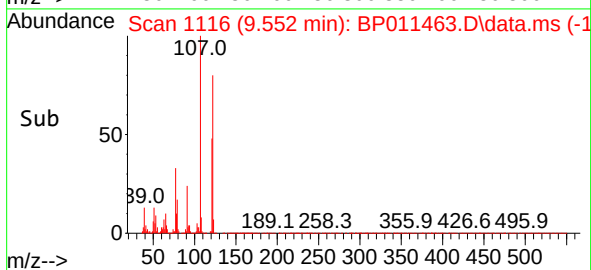
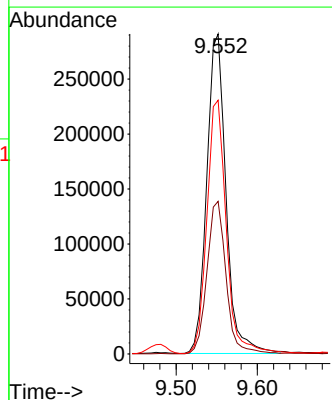
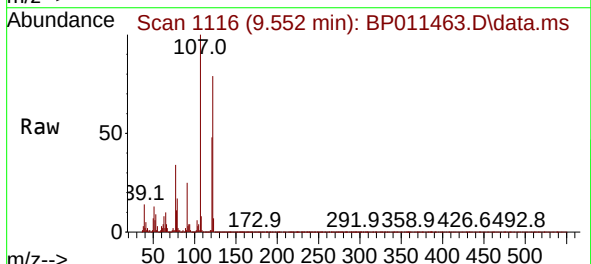
Instrument :
BNA_P
ClientSampleId :

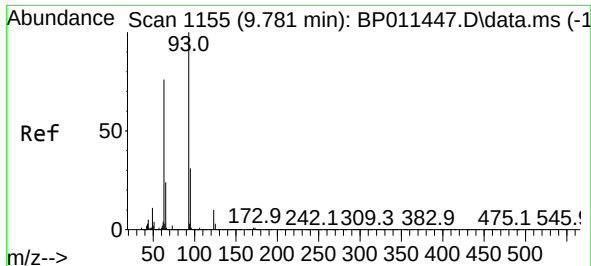
Tgt Ion:139 Resp: 200933
Ion Ratio Lower Upper
139 100
65 63.3 50.4 75.6
109 39.6 35.5 53.3



#26
2,4-Dimethylphenol
Concen: 41.669 ng/ul
RT: 9.552 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:107 Resp: 477691
Ion Ratio Lower Upper
107 100
121 47.7 36.6 55.0
122 79.3 58.7 88.1





#27

Bis(2-Chloroethoxy)methane

Concen: 36.130 ng/ul

RT: 9.793 min Scan# 1155

Delta R.T. 0.012 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

Instrument :

BNA_P

ClientSampleId :

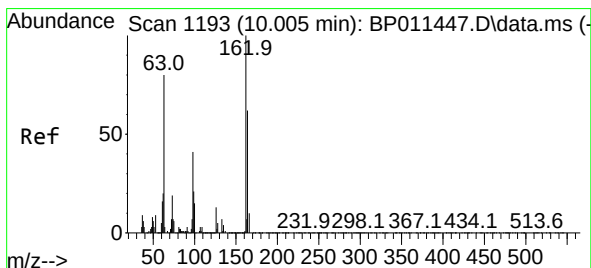
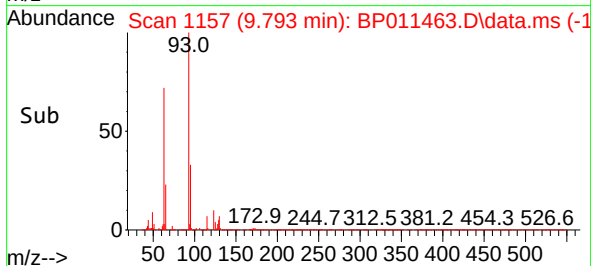
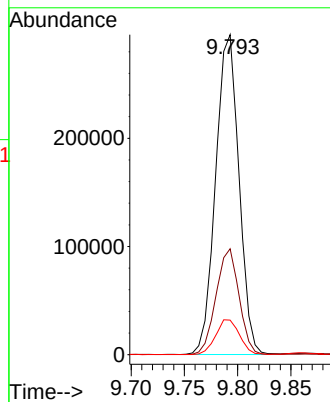
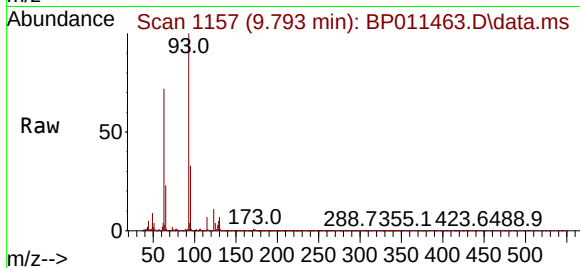
Tgt Ion: 93 Resp: 449300

Ion Ratio Lower Upper

93 100

95 33.1 24.8 37.2

123 10.8 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 41.389 ng/ul

RT: 10.010 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

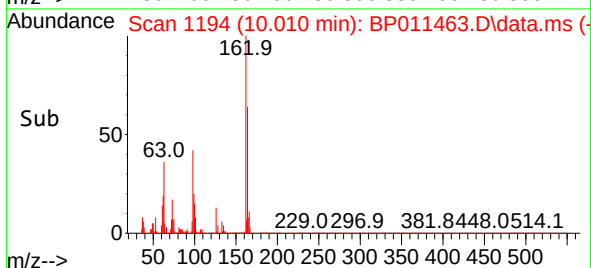
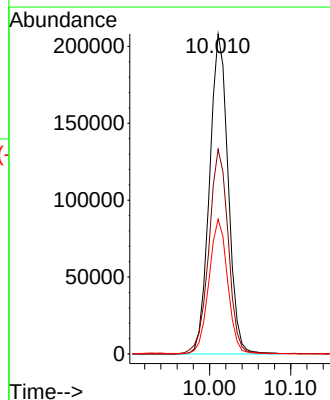
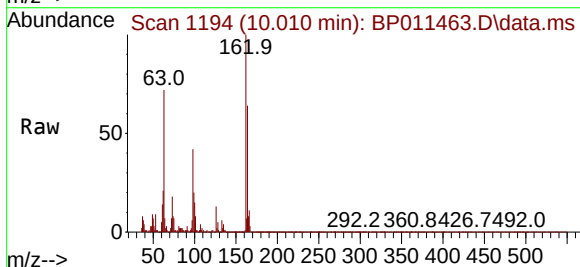
Tgt Ion:162 Resp: 330868

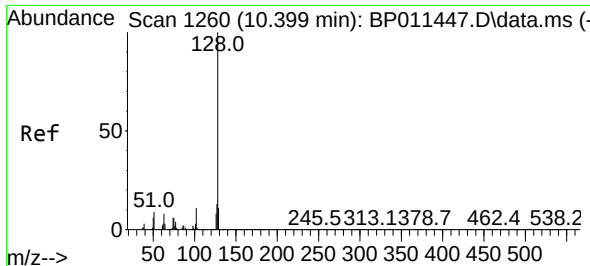
Ion Ratio Lower Upper

162 100

164 63.9 50.2 75.2

98 42.1 32.9 49.3

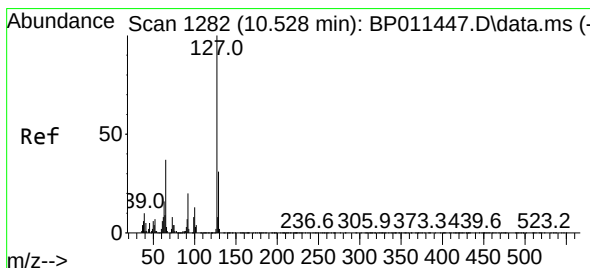
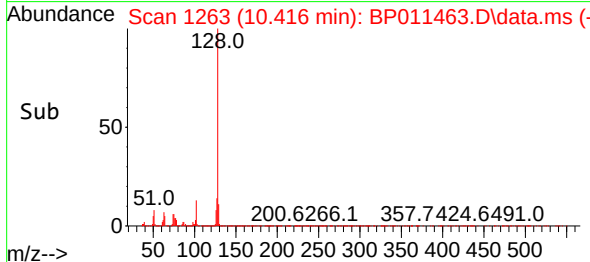
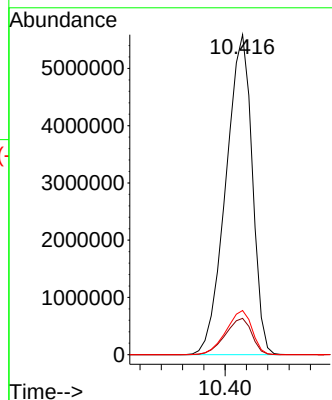
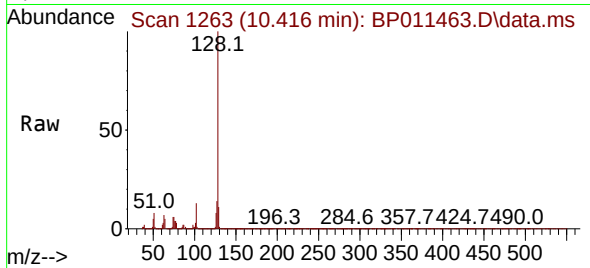




#30
Naphthalene
Concen: 315.025 ng/ul
RT: 10.416 min Scan# 1263
Delta R.T. 0.018 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

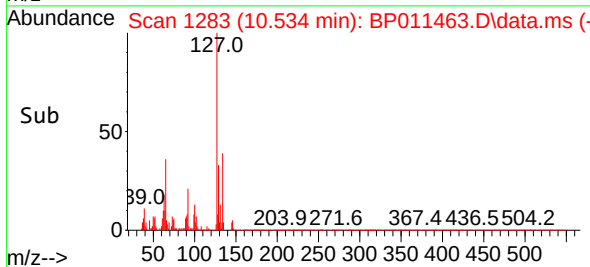
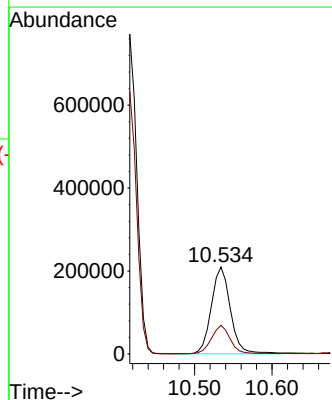
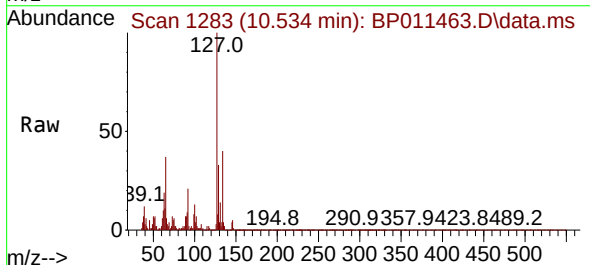
Instrument :
BNA_P
ClientSampleId :

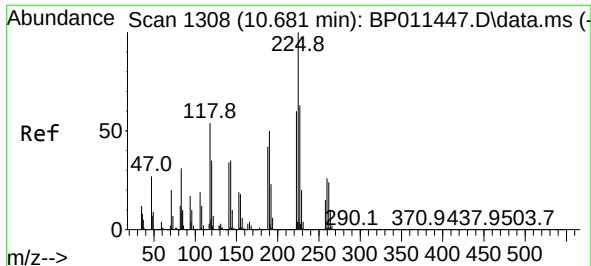
Tgt Ion:128 Resp: 9606910
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 10.3 15.5



#32
4-Chloroaniline
Concen: 26.493 ng/ul
RT: 10.534 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

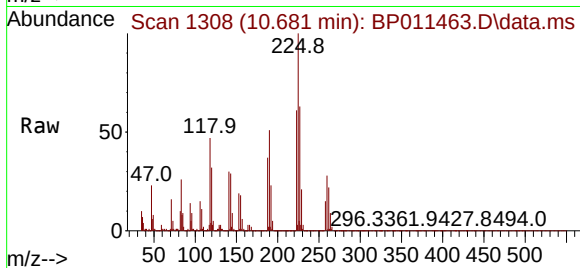
Tgt Ion:127 Resp: 356919
Ion Ratio Lower Upper
127 100
129 33.0 25.1 37.7



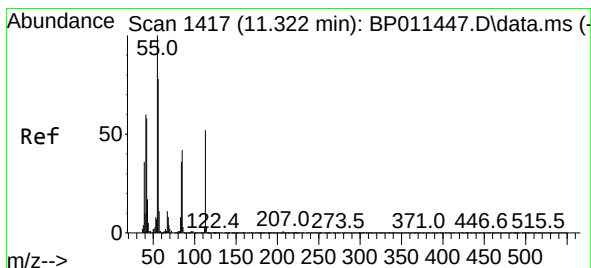
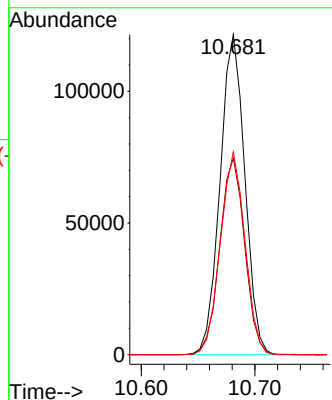
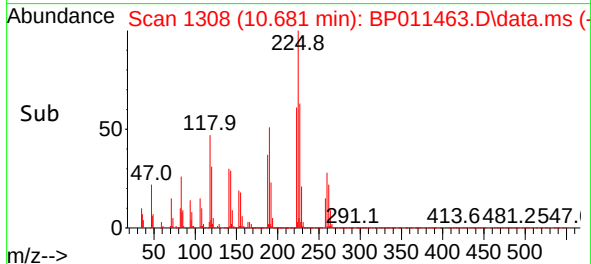


#33
Hexachlorobutadiene
Concen: 36.165 ng/ul
RT: 10.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Instrument :
BNA_P
ClientSampleId :

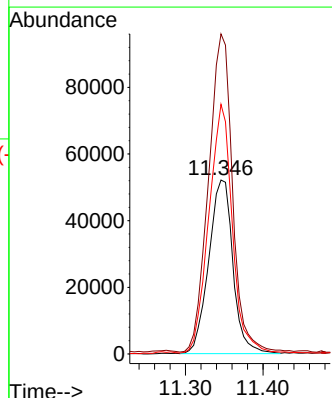
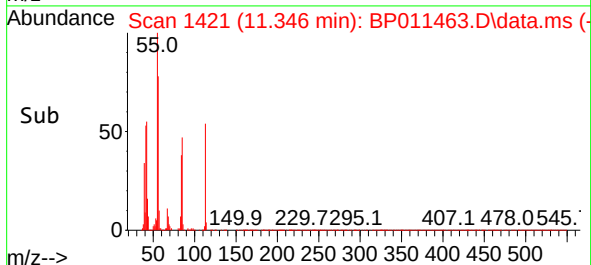
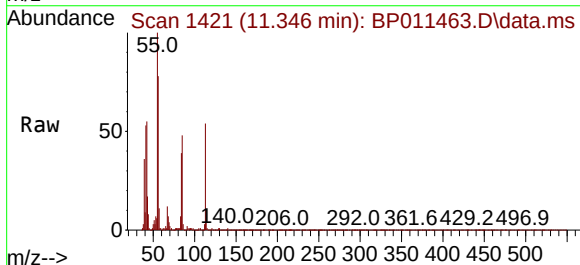


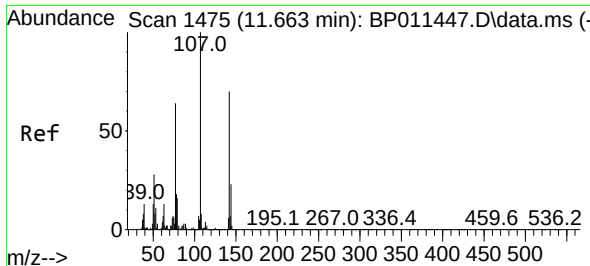
Tgt Ion:225 Resp: 184049
Ion Ratio Lower Upper
225 100
223 61.4 47.8 71.8
227 63.4 50.0 75.0



#34
Caprolactam
Concen: 38.998 ng/ul
RT: 11.346 min Scan# 1421
Delta R.T. 0.024 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:113 Resp: 113041
Ion Ratio Lower Upper
113 100
55 183.9 153.4 230.2
56 143.5 119.6 179.4

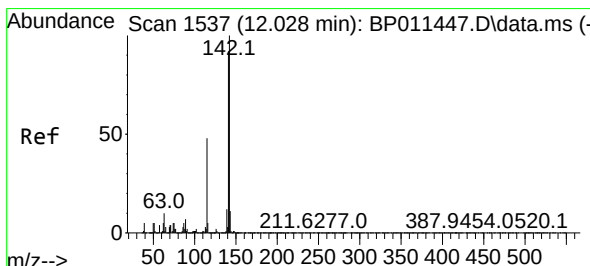
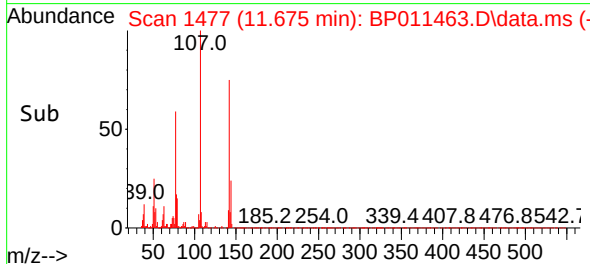
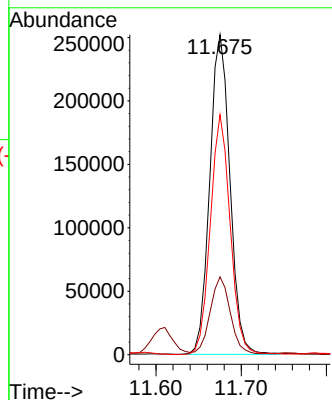
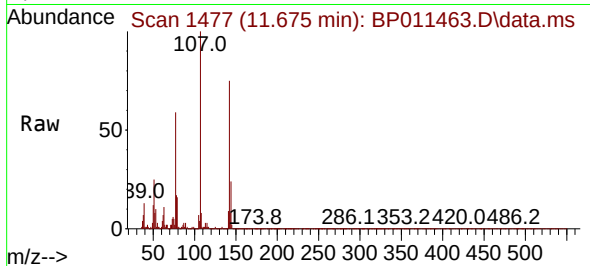




#35
4-Chloro-3-methylphenol
Concen: 41.024 ng/ul
RT: 11.675 min Scan# 1475
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

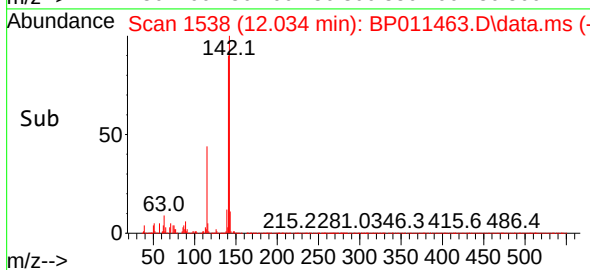
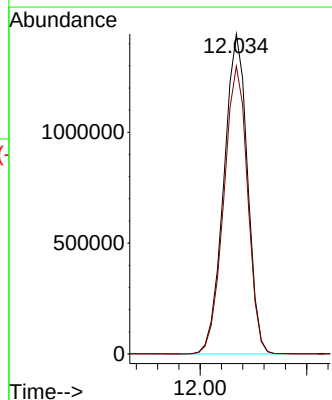
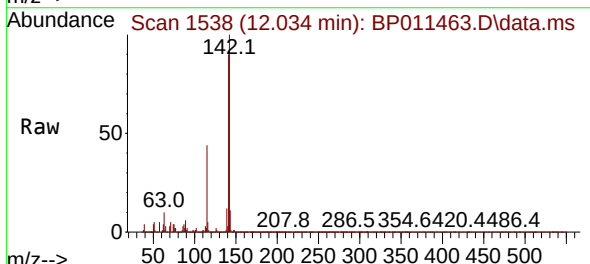
Instrument :
BNA_P
ClientSampleId :

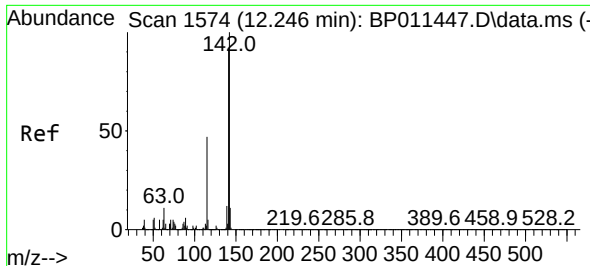
Tgt Ion:107 Resp: 414641
Ion Ratio Lower Upper
107 100
144 24.3 18.3 27.5
142 75.0 55.8 83.8



#36
2-Methylnaphthalene
Concen: 111.801 ng/ul
RT: 12.034 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:142 Resp: 2218197
Ion Ratio Lower Upper
142 100
141 90.0 73.4 110.0

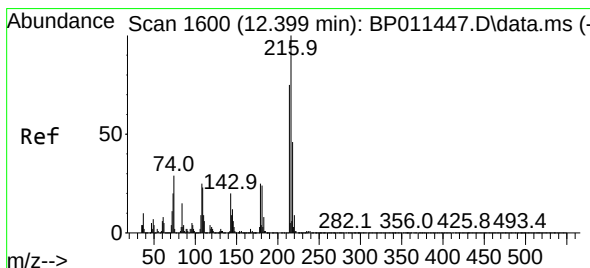
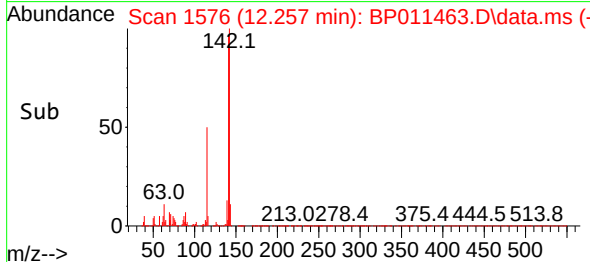
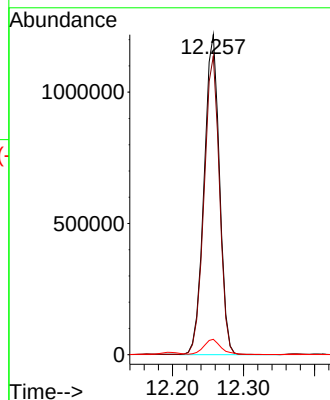
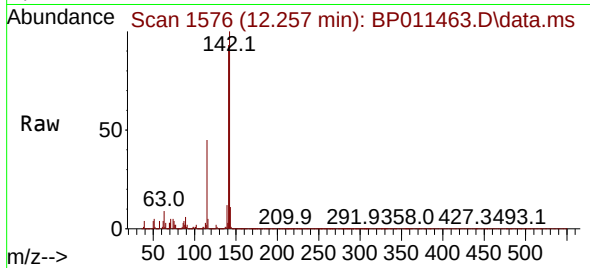




#37
1-Methylnaphthalene
Concen: 91.424 ng/ul
RT: 12.257 min Scan# 1574
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

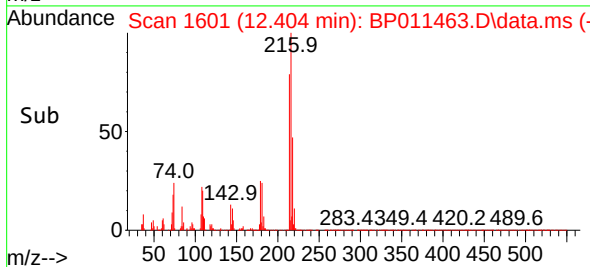
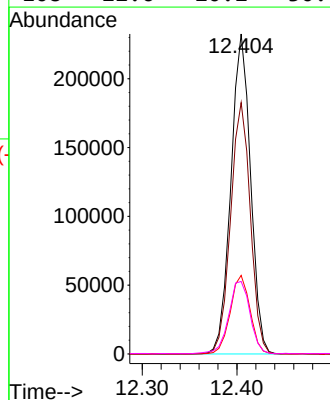
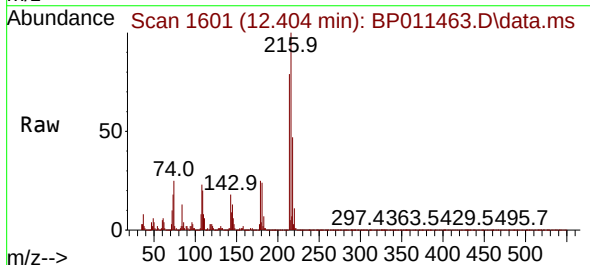
Instrument :
BNA_P
ClientSampleId :

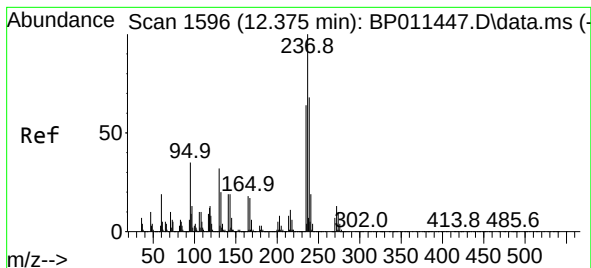
Tgt Ion:142 Resp: 1839745
Ion Ratio Lower Upper
142 100
141 93.3 73.0 109.6
116 4.8 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.114 ng/ul
RT: 12.404 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:216 Resp: 335362
Ion Ratio Lower Upper
216 100
214 78.6 60.4 90.6
179 24.6 20.0 30.0
108 22.6 20.2 30.4





#40

Hexachlorocyclopentadiene

Concen: 5.636 ng/ul

RT: 12.375 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BP011463.D

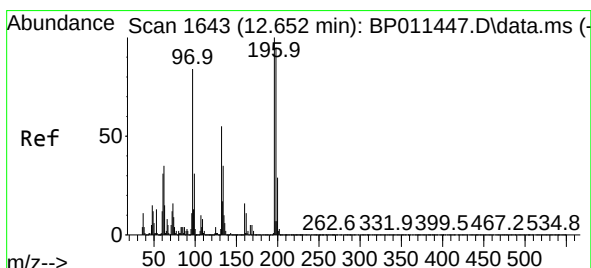
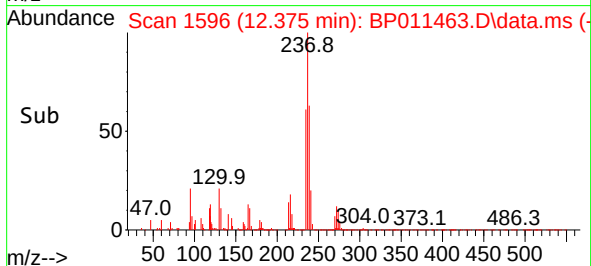
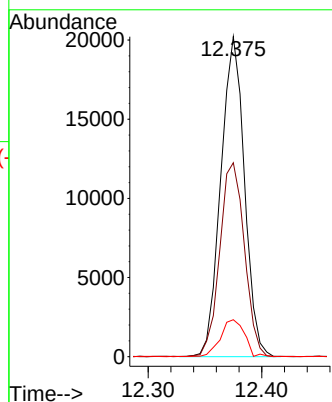
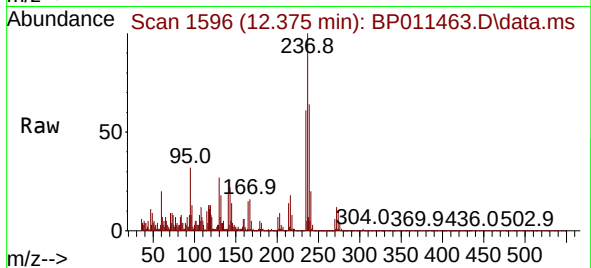
Acq: 17 Aug 2022 15:22

Instrument :

BNP_P

ClientSampleId :

Tgt Ion:237	Resp:	29232
Ion Ratio	Lower	Upper
237	100	
235	60.6	50.9 76.3
272	12.6	11.0 16.4



#41

2,4,6-Trichlorophenol

Concen: 44.205 ng/ul

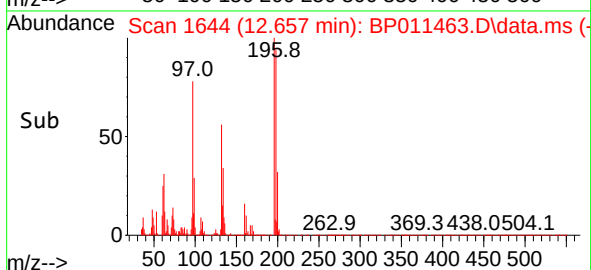
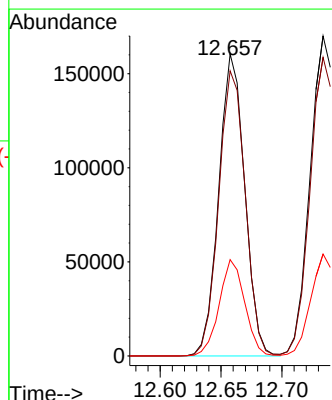
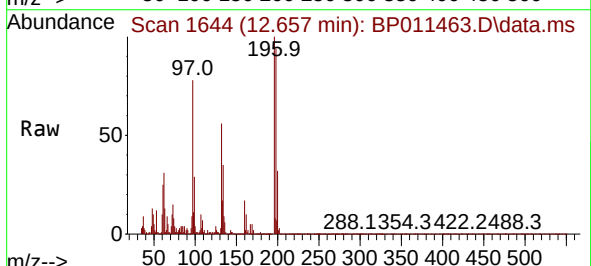
RT: 12.657 min Scan# 1644

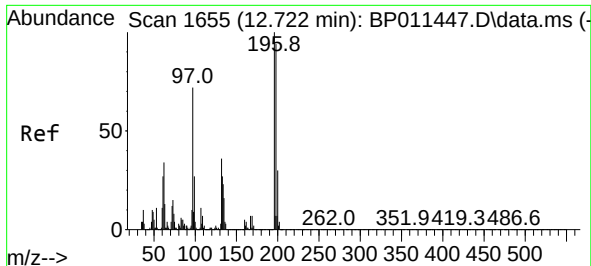
Delta R.T. 0.006 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

Tgt Ion:196	Resp:	237855
Ion Ratio	Lower	Upper
196	100	
198	94.4	75.6 113.4
200	31.9	23.1 34.7

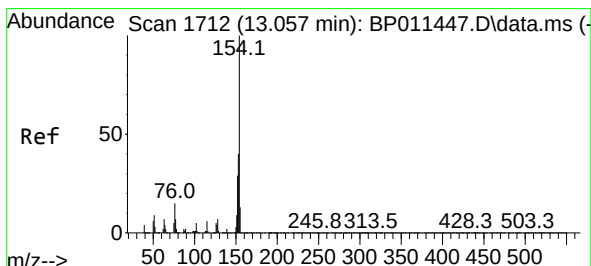
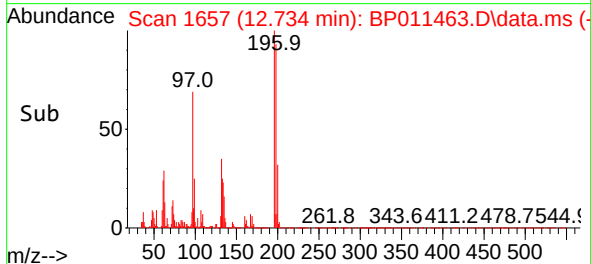
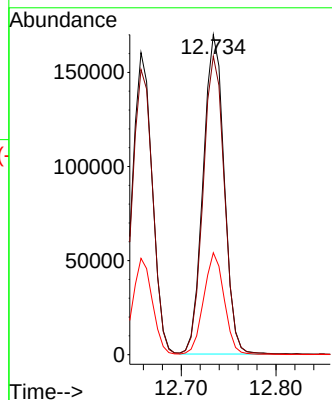
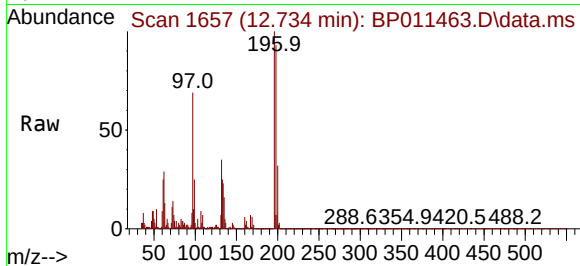




#42
2,4,5-Trichlorophenol
Concen: 43.741 ng/ul
RT: 12.734 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

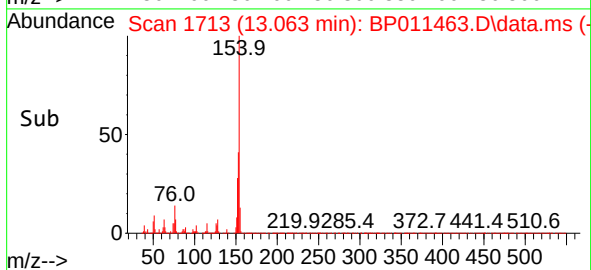
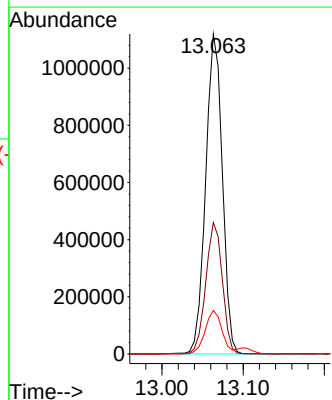
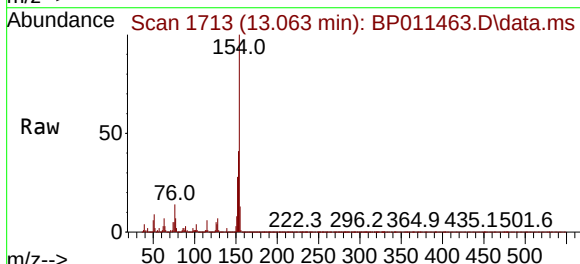
Instrument :
BNA_P
ClientSampleId :

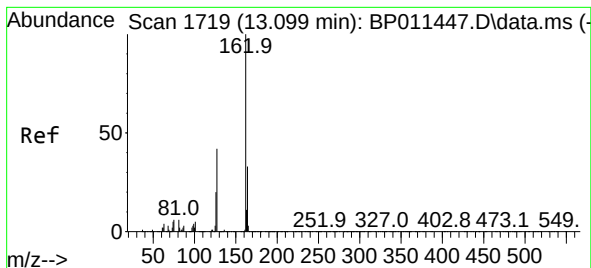
Tgt Ion:196 Resp: 261998
Ion Ratio Lower Upper
196 100
198 93.3 75.6 113.4
200 31.9 23.8 35.6



#43
1,1'-Biphenyl
Concen: 64.765 ng/ul
RT: 13.063 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:154 Resp: 1589523
Ion Ratio Lower Upper
154 100
153 41.0 32.2 48.4
76 13.6 11.6 17.4





#44

2-Chloronaphthalene

Concen: 39.404 ng/ul

RT: 13.104 min Scan# 1719

Delta R.T. 0.006 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

Instrument :

BNA_P

ClientSampleId :

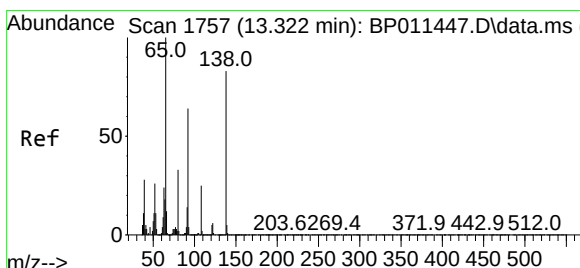
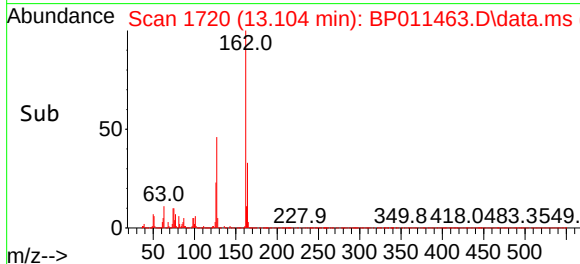
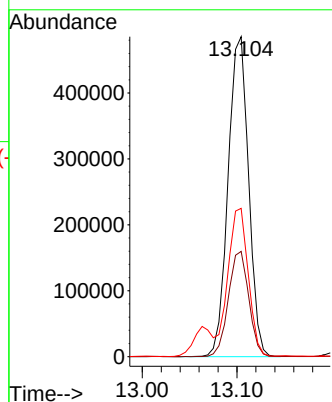
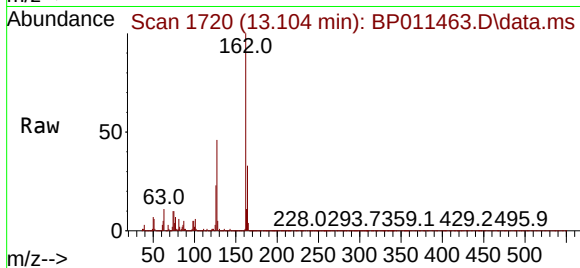
Tgt Ion:162 Resp: 728756

Ion Ratio Lower Upper

162 100

164 32.9 26.4 39.6

127 46.4 37.4 56.2



#45

2-Nitroaniline

Concen: 45.238 ng/ul

RT: 13.328 min Scan# 1758

Delta R.T. 0.006 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

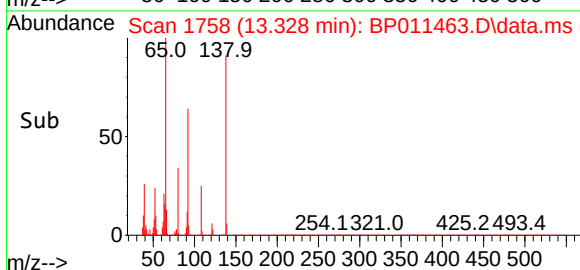
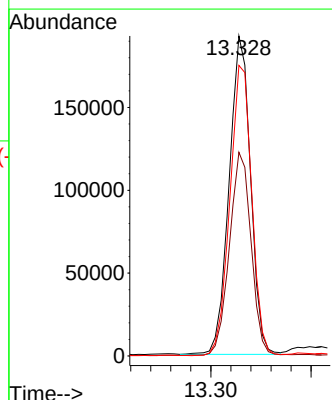
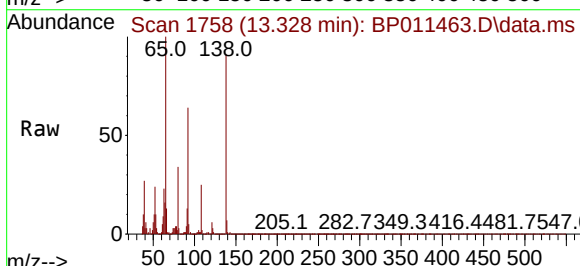
Tgt Ion: 65 Resp: 285555

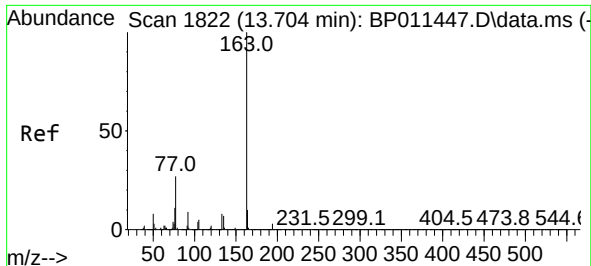
Ion Ratio Lower Upper

65 100

92 63.7 50.8 76.2

138 90.8 66.7 100.1

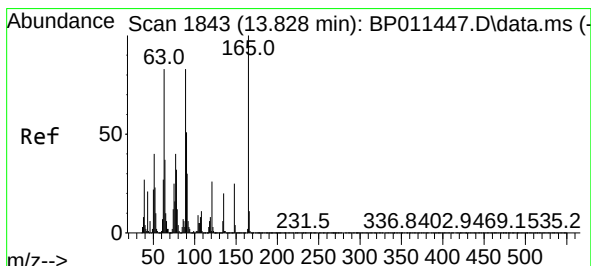
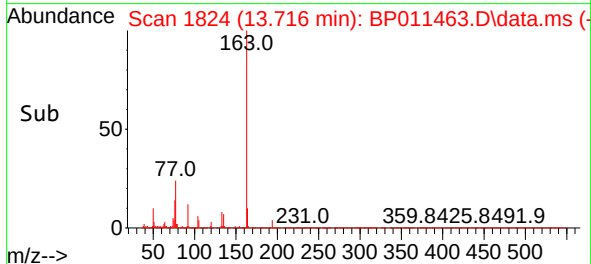
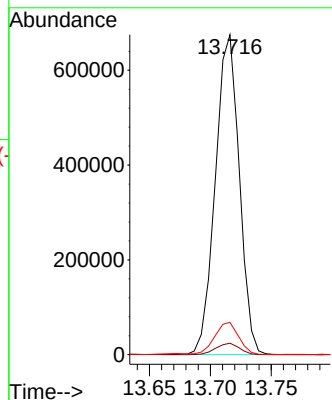
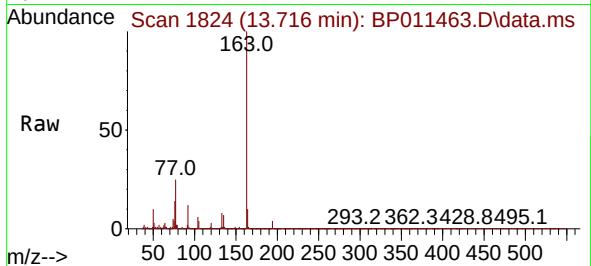




#47
Dimethylphthalate
Concen: 38.327 ng/ul
RT: 13.716 min Scan# 1824
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

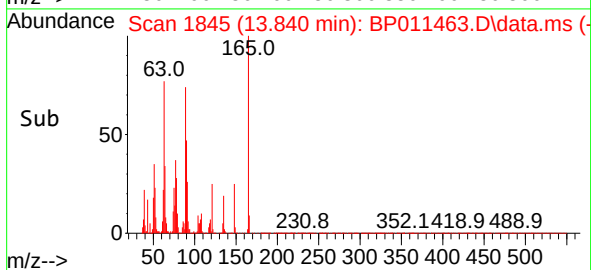
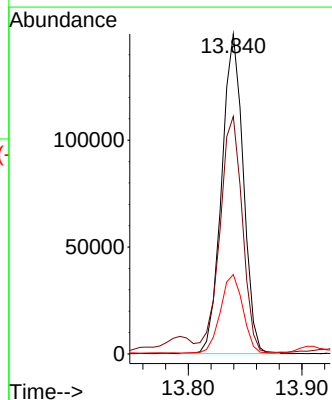
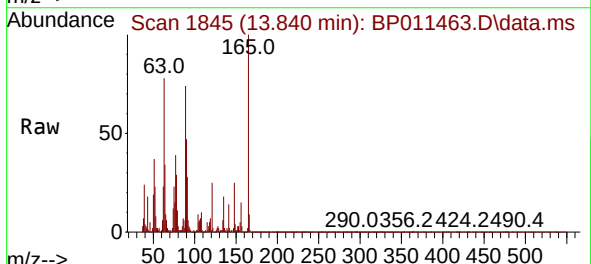
Instrument :
BNA_P
ClientSampleId :

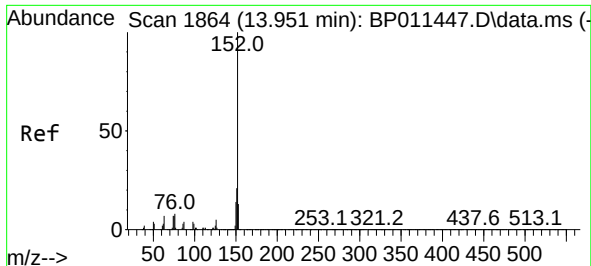
Tgt Ion:163 Resp: 922854
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.1 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 45.543 ng/ul
RT: 13.840 min Scan# 1845
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:165 Resp: 197154
Ion Ratio Lower Upper
165 100
89 74.2 66.6 99.8
121 24.8 21.0 31.6

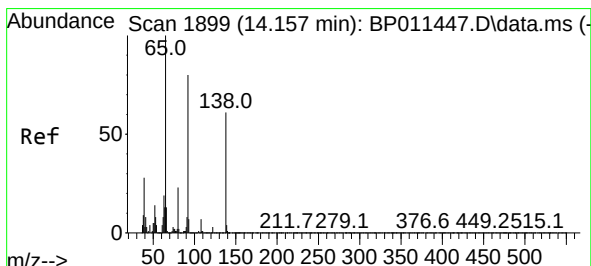
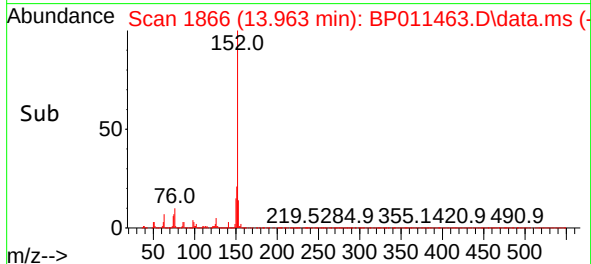
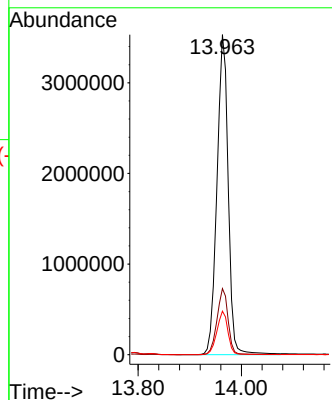
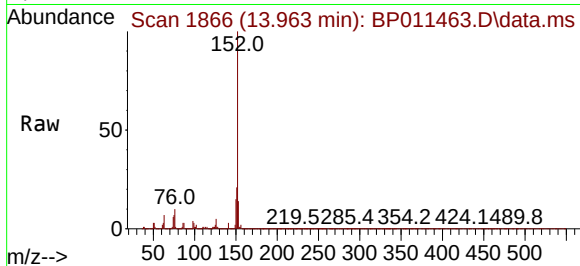




#50
Acenaphthylene
Concen: 172.785 ng/ul
RT: 13.963 min Scan# 1866
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

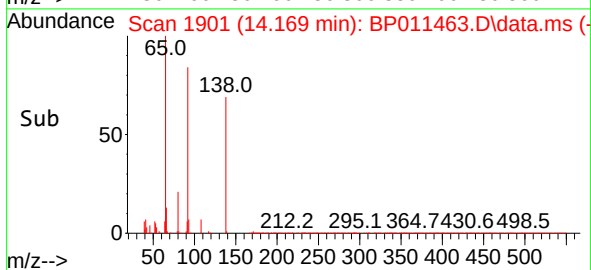
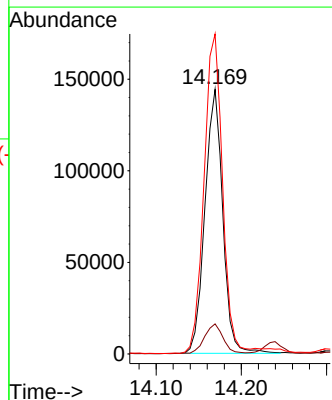
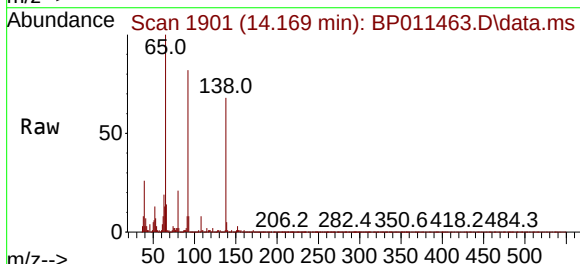
Instrument :
BNA_P
ClientSampleId :

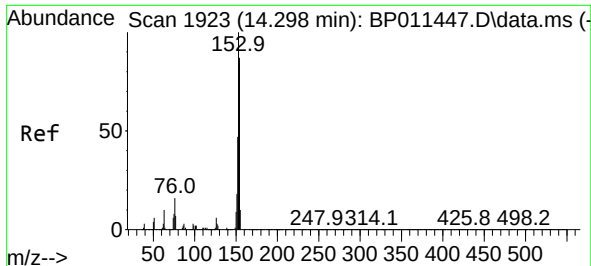
Tgt Ion:152 Resp: 5315002
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.6 10.6 15.8



#51
3-Nitroaniline
Concen: 44.519 ng/ul
RT: 14.169 min Scan# 1901
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:138 Resp: 209920
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 120.9 104.2 156.2

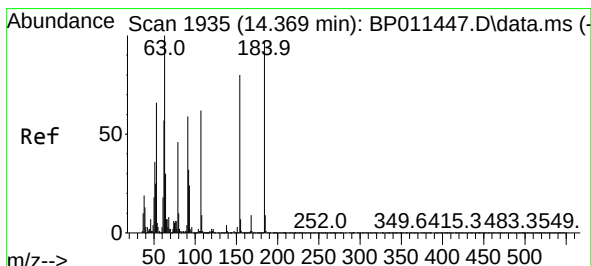
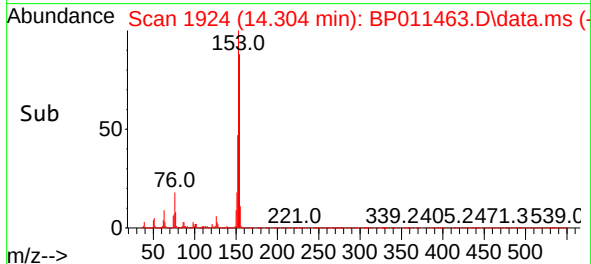
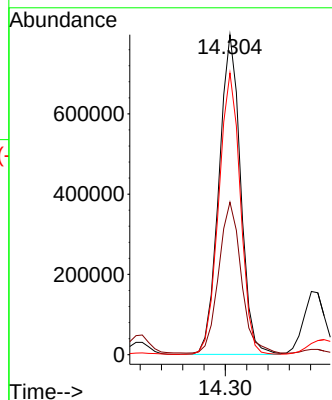
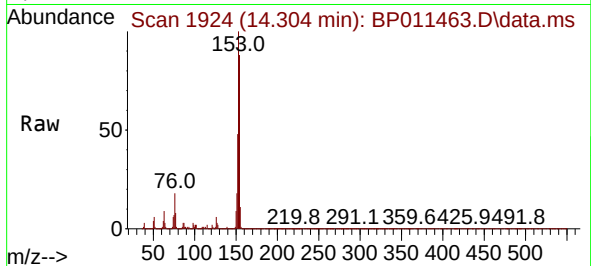




#52
Acenaphthene
Concen: 54.450 ng/ul
RT: 14.304 min Scan# 1940
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

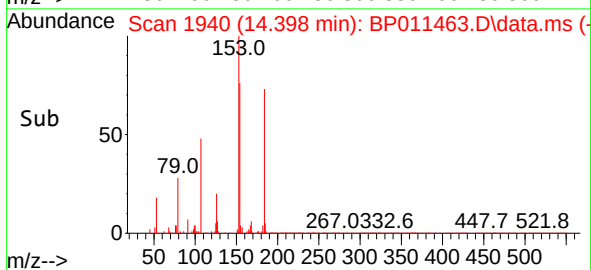
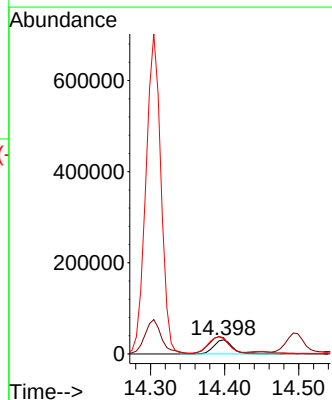
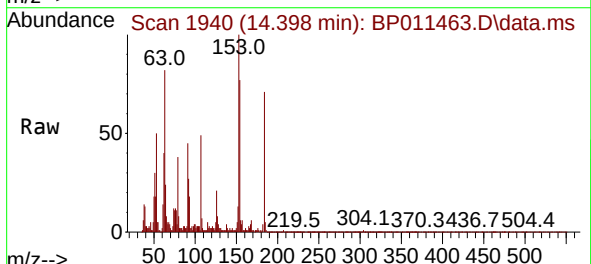
Instrument :
BNA_P
ClientSampleId :

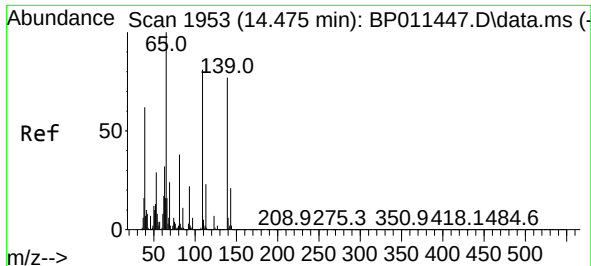
Tgt Ion:153 Resp: 1121850
Ion Ratio Lower Upper
153 100
152 47.7 37.7 56.5
154 88.1 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 19.928 ng/ul
RT: 14.398 min Scan# 1940
Delta R.T. 0.029 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:184 Resp: 52801
Ion Ratio Lower Upper
184 100
63 115.2 82.5 123.7
154 107.2 66.6 100.0#

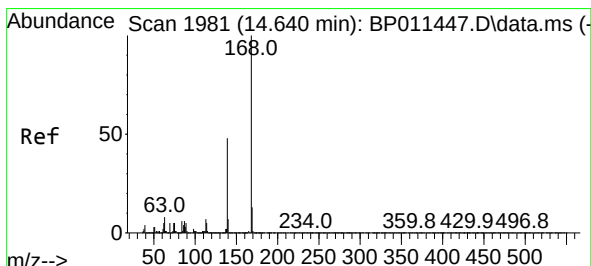
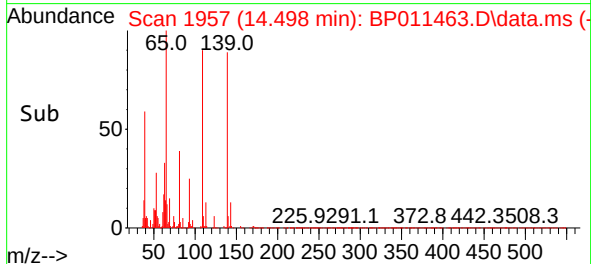
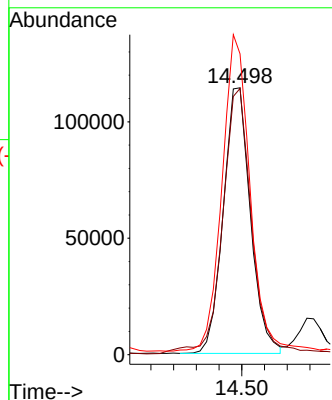
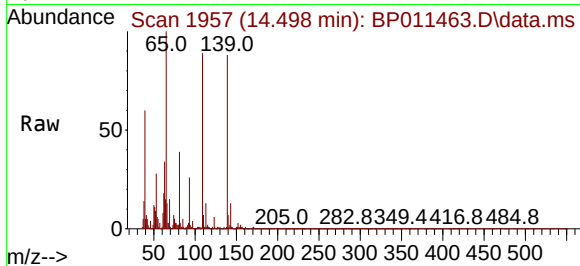




#55
4-Nitrophenol
Concen: 35.396 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. 0.024 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

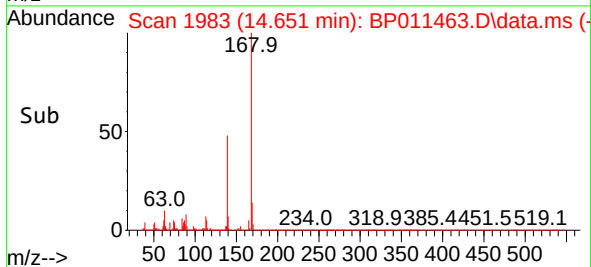
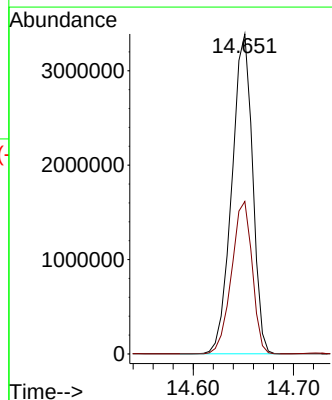
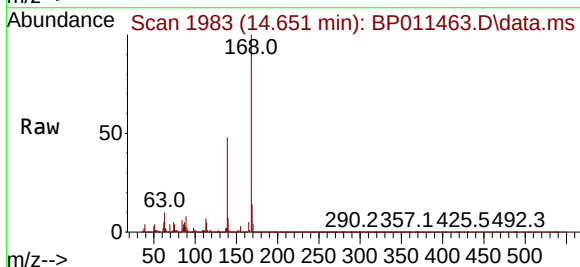
Instrument :
BNA_P
ClientSampleId :

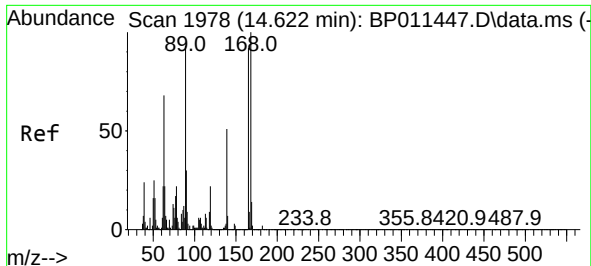
Tgt Ion:109 Resp: 189299
Ion Ratio Lower Upper
109 100
139 99.7 76.0 114.0
65 112.7 98.8 148.2



#56
Dibenzofuran
Concen: 170.929 ng/ul
RT: 14.651 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:168 Resp: 4856410
Ion Ratio Lower Upper
168 100
139 47.7 38.4 57.6

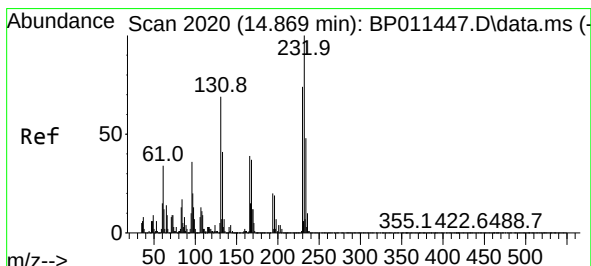
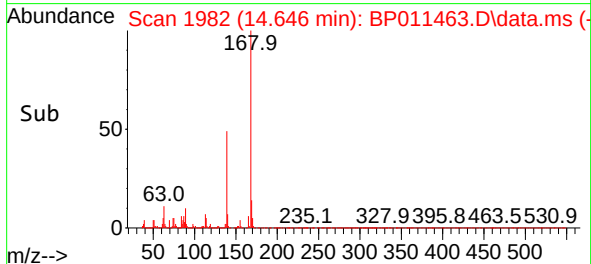
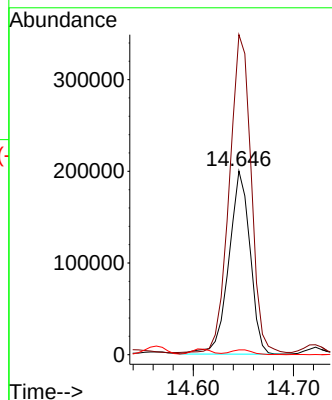
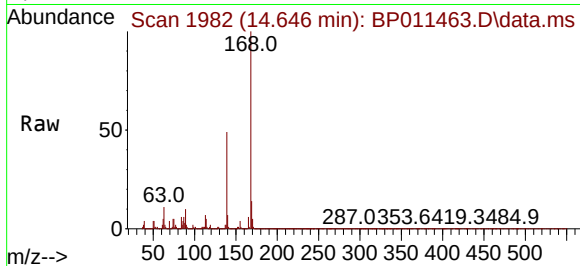




#57
2,4-Dinitrotoluene
Concen: 45.222 ng/ul
RT: 14.646 min Scan# 1978
Delta R.T. 0.024 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

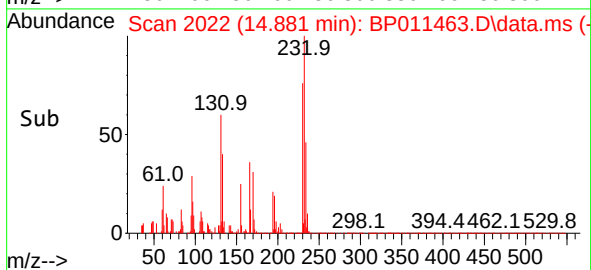
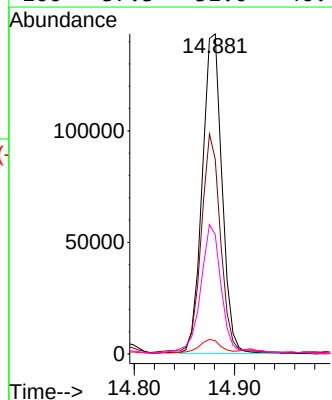
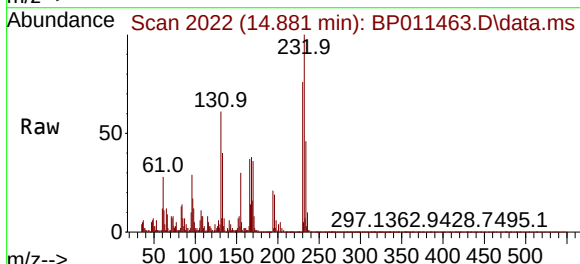
Instrument :
BNA_P
ClientSampleId :

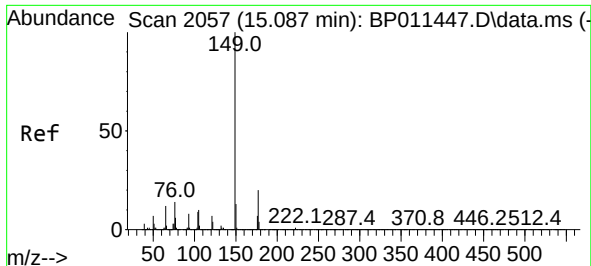
Tgt Ion:165 Resp: 293064
Ion Ratio Lower Upper
165 100
63 174.3 60.2 90.2#
182 2.6 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.771 ng/ul
RT: 14.881 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

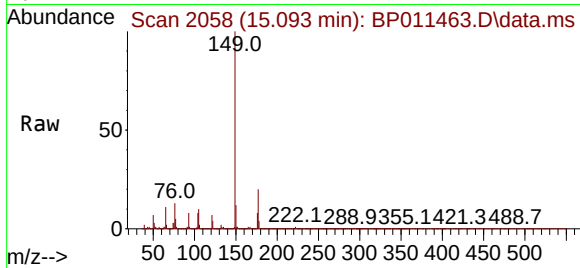
Tgt Ion:232 Resp: 196434
Ion Ratio Lower Upper
232 100
131 60.8 55.4 83.0
130 4.1 3.6 5.4
166 37.3 31.0 46.4



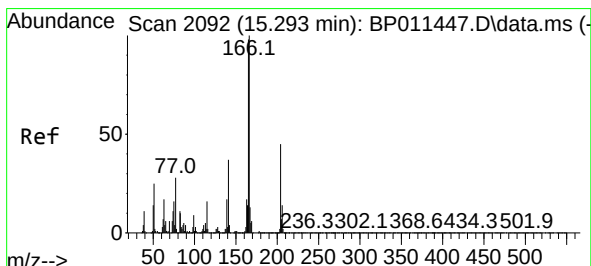
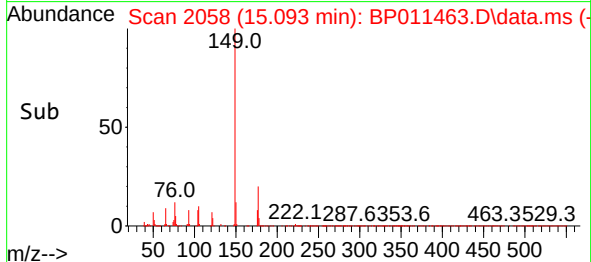
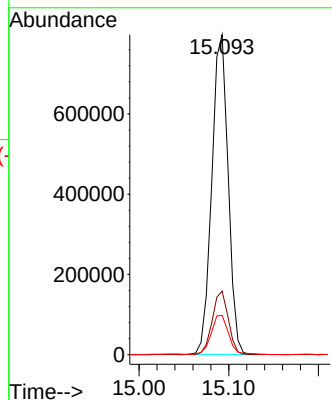


#59
Diethylphthalate
Concen: 38.239 ng/ul
RT: 15.093 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Instrument :
BNA_P
ClientSampleId :

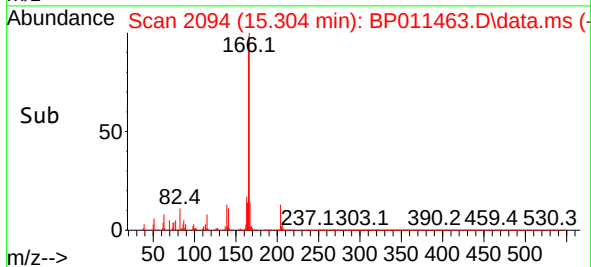
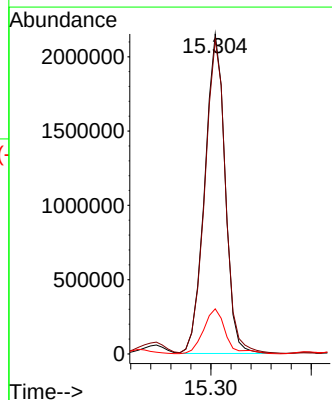
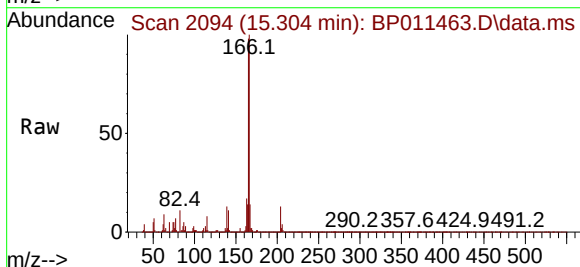


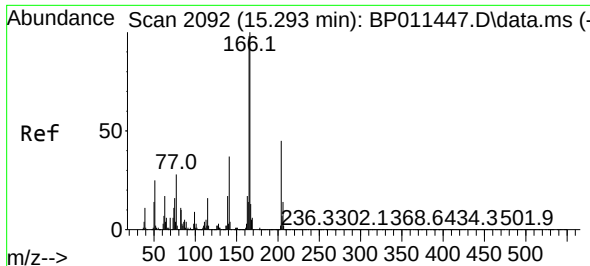
Tgt Ion:149 Resp: 1008450
Ion Ratio Lower Upper
149 100
177 19.9 15.7 23.5
150 12.3 10.1 15.1



#61
Fluorene
Concen: 130.172 ng/ul
RT: 15.304 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:166 Resp: 3025685
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 14.1 10.3 15.5

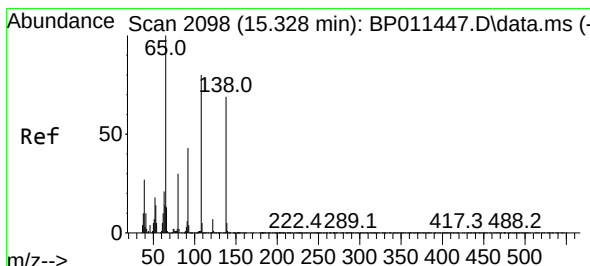
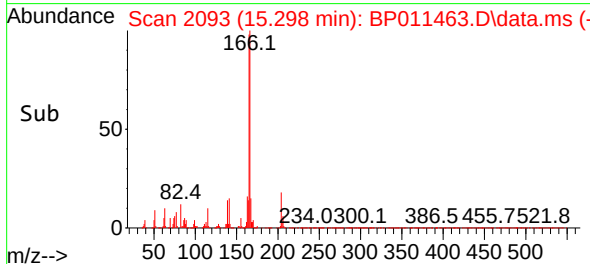
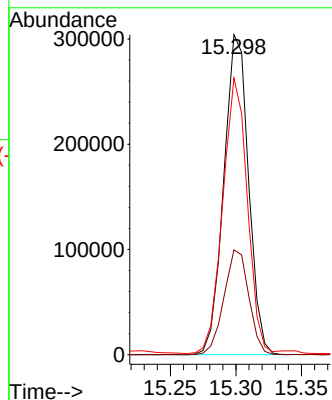
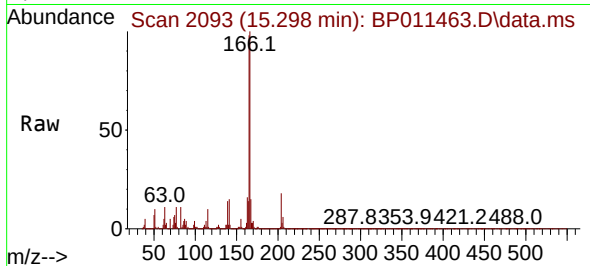




#62
4-Chlorophenyl-phenylether
Concen: 37.925 ng/ul
RT: 15.298 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

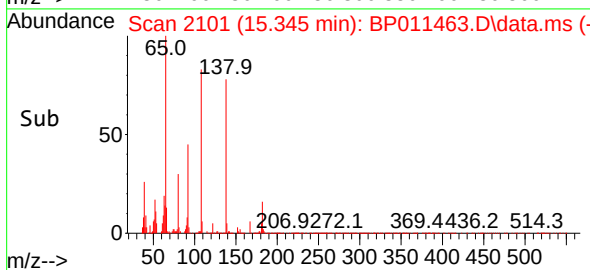
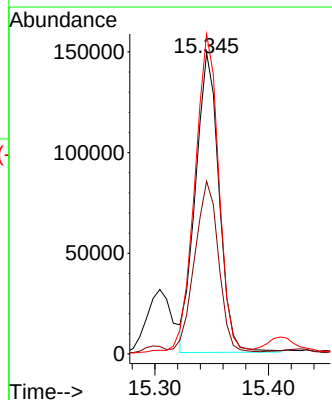
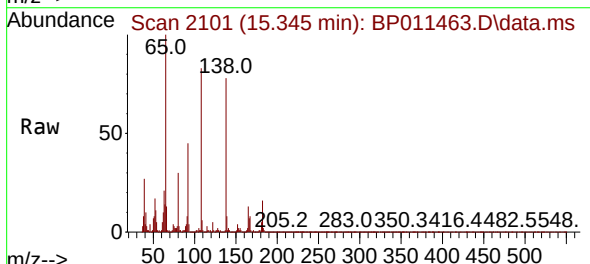
Instrument :
BNA_P
ClientSampleId :

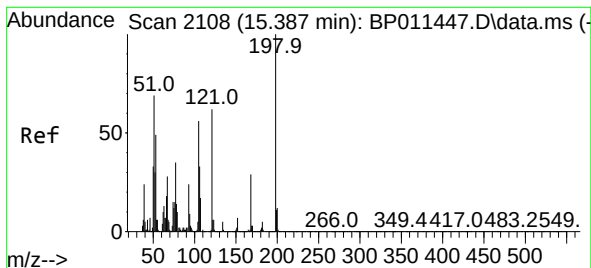
Tgt Ion:204 Resp: 398220
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 86.5 66.5 99.7



#63
4-Nitroaniline
Concen: 46.967 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.018 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:138 Resp: 213915
Ion Ratio Lower Upper
138 100
92 57.4 49.5 74.3
108 106.2 93.7 140.5

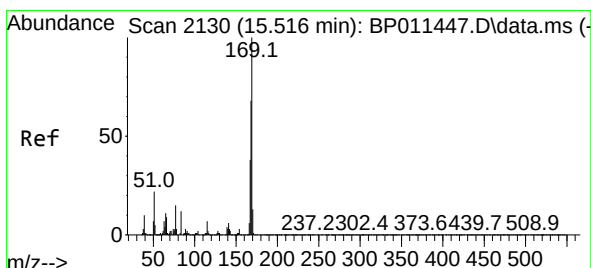
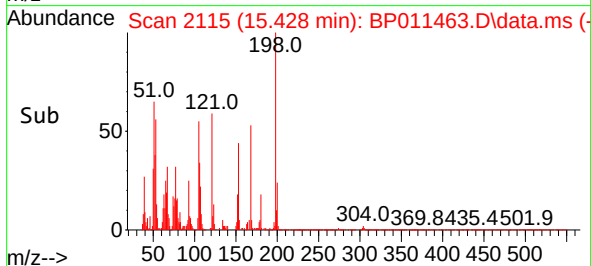
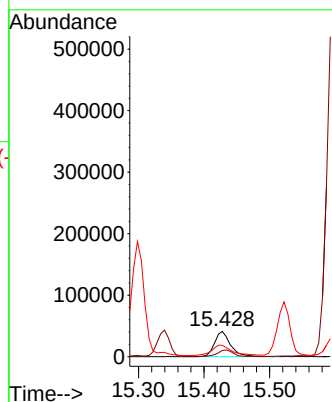
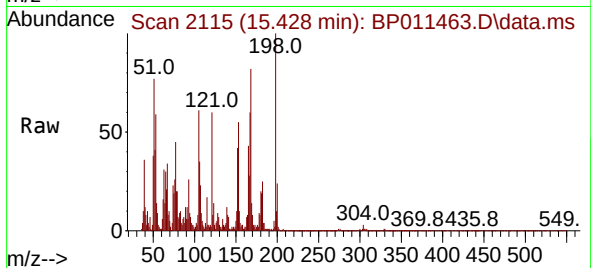




#66
4,6-Dinitro-2-methylphenol
Concen: 19.970 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. 0.041 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

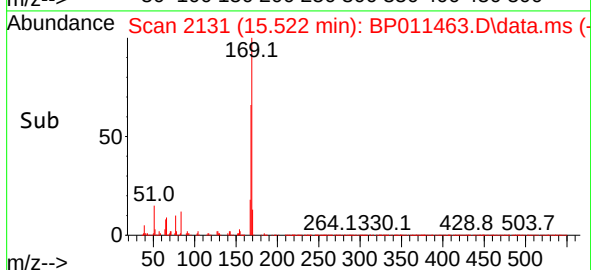
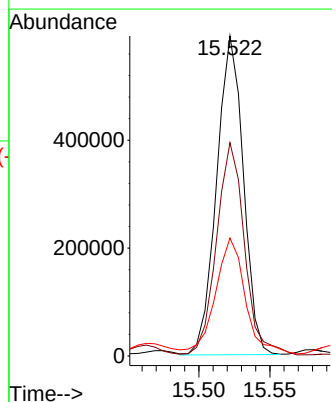
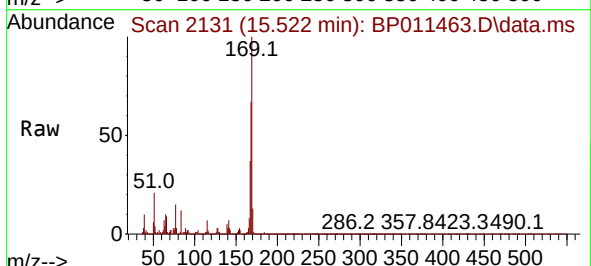
Instrument :
BNA_P
ClientSampleId :

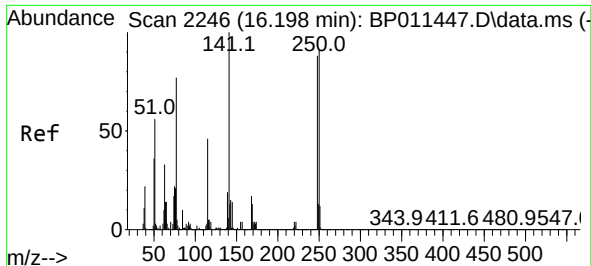
Tgt Ion:198 Resp: 68968
Ion Ratio Lower Upper
198 100
182 24.8 3.9 5.9#
77 45.1 30.1 45.1



#67
N-Nitrosodiphenylamine
Concen: 42.693 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:169 Resp: 773894
Ion Ratio Lower Upper
169 100
168 66.7 54.6 82.0
167 36.9 30.2 45.4

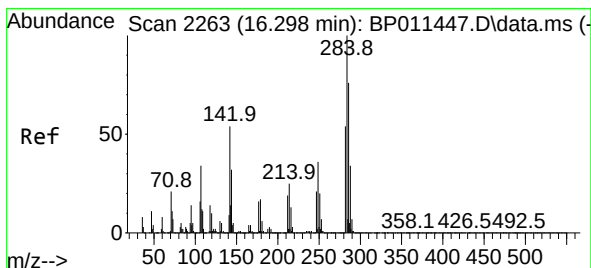
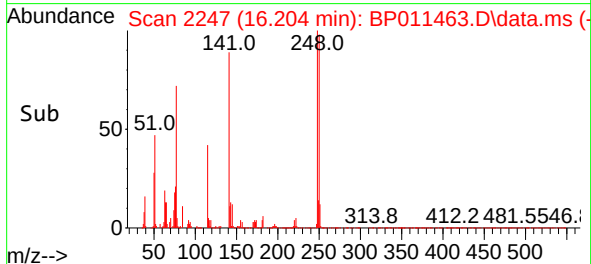
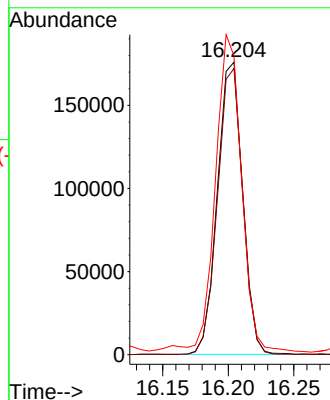
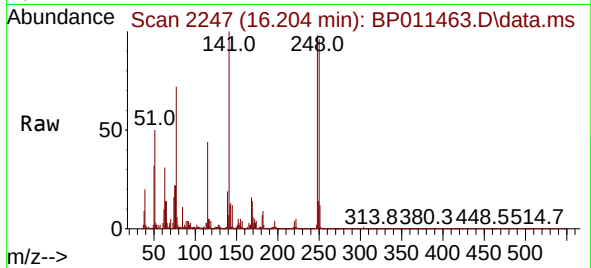




#68
4-Bromophenyl-phenylether
Concen: 42.774 ng/ul
RT: 16.204 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

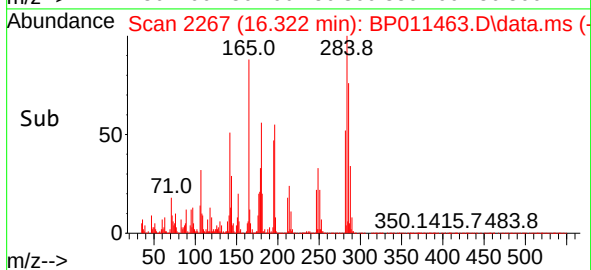
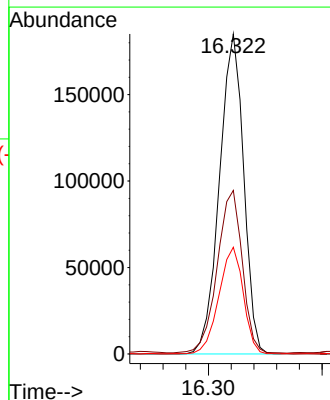
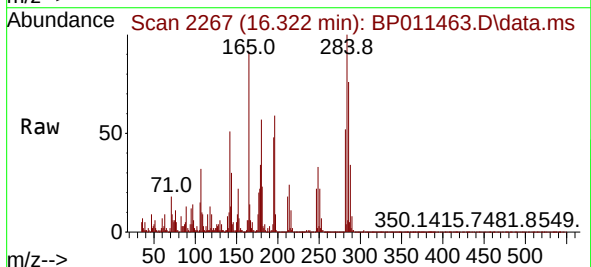
Instrument :
BNA_P
ClientSampleId :

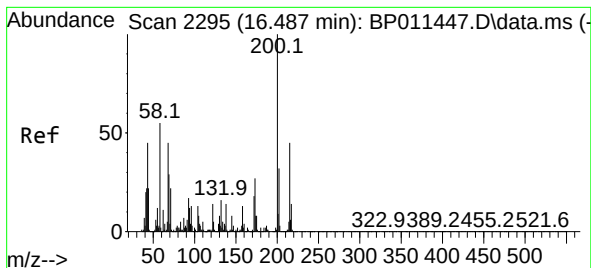
Tgt Ion:248 Resp: 235923
Ion Ratio Lower Upper
248 100
250 97.9 82.8 124.2
141 102.2 90.8 136.2



#69
Hexachlorobenzene
Concen: 43.091 ng/ul
RT: 16.322 min Scan# 2267
Delta R.T. 0.024 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:284 Resp: 273909
Ion Ratio Lower Upper
284 100
142 51.1 43.5 65.3
249 33.3 28.4 42.6





#70

Atrazine

Concen: 21.910 ng/ul

RT: 16.504 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

Instrument :

BNA_P

ClientSampleId :

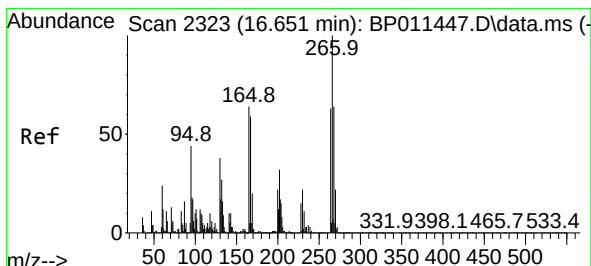
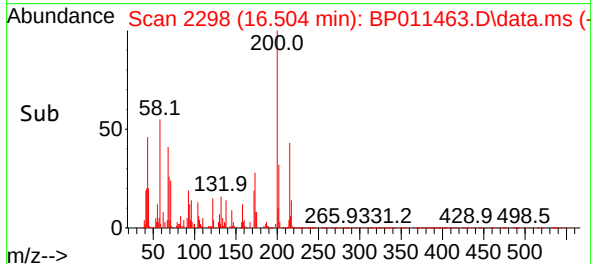
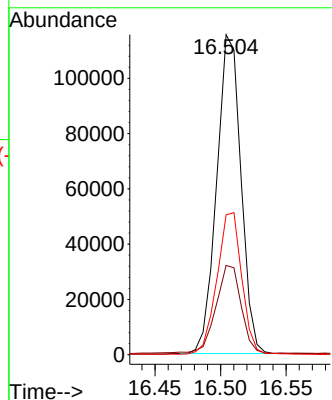
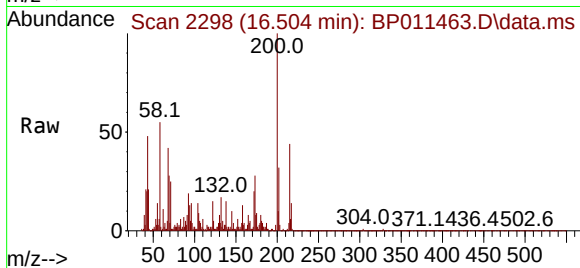
Tgt Ion:200 Resp: 148217

Ion Ratio Lower Upper

200 100

173 27.9 22.0 33.0

215 43.7 36.3 54.5



#71

Pentachlorophenol

Concen: 38.078 ng/ul

RT: 16.681 min Scan# 2328

Delta R.T. 0.029 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

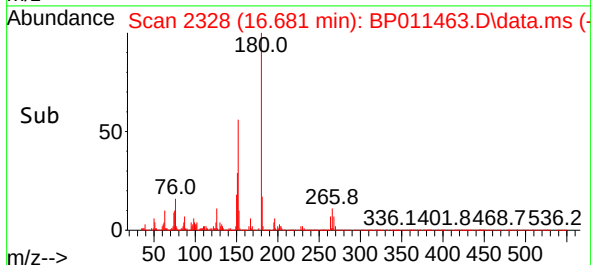
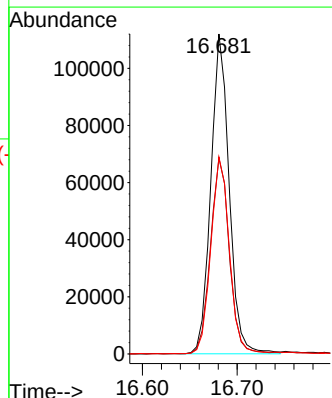
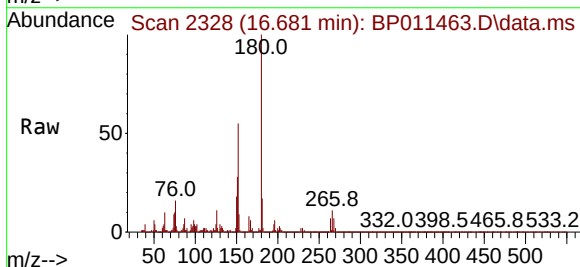
Tgt Ion:266 Resp: 150080

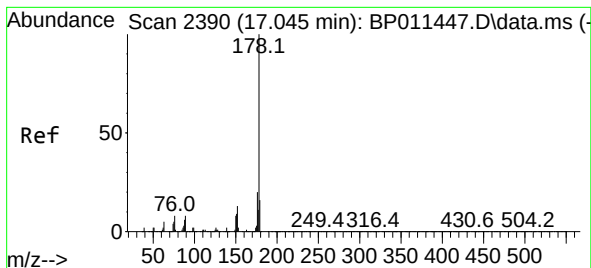
Ion Ratio Lower Upper

266 100

264 61.2 50.6 76.0

268 61.6 51.3 76.9





#72

Phenanthrene

Concen: 256.133 ng/u1

RT: 17.169 min Scan# 2411

Delta R.T. 0.124 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

Instrument :

BNA_P

ClientSampleId :

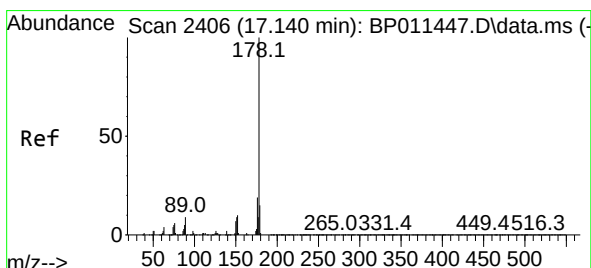
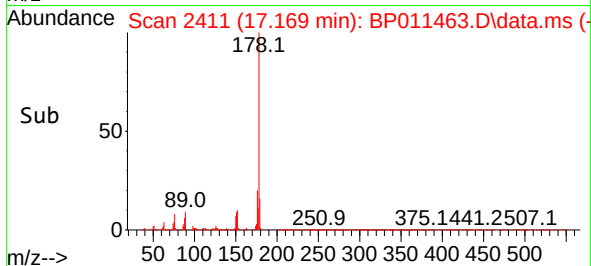
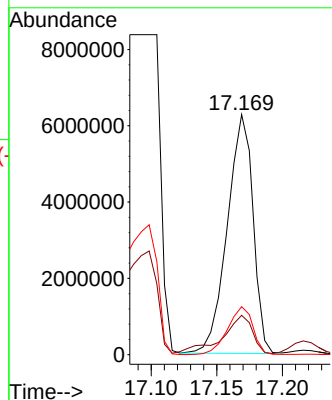
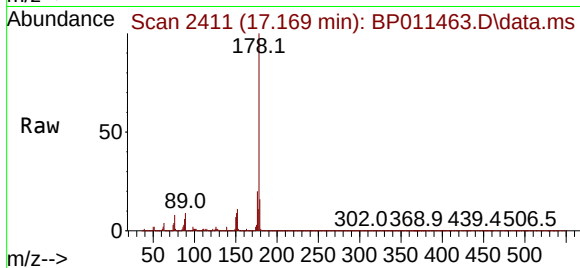
Tgt Ion:178 Resp: 8565813

Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 20.0 15.8 23.8



#74

Anthracene

Concen: 254.088 ng/u1

RT: 17.169 min Scan# 2411

Delta R.T. 0.029 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

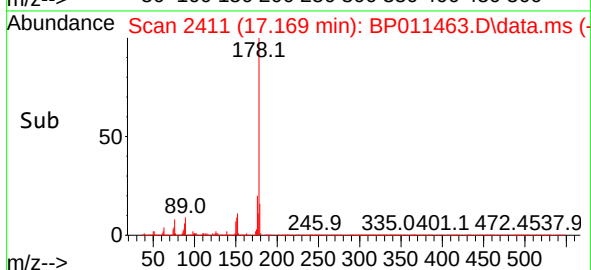
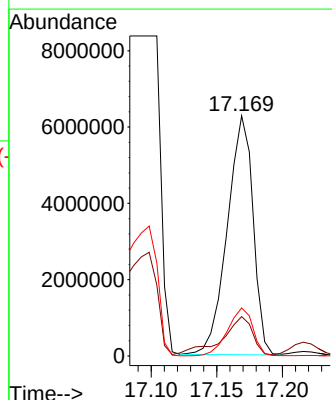
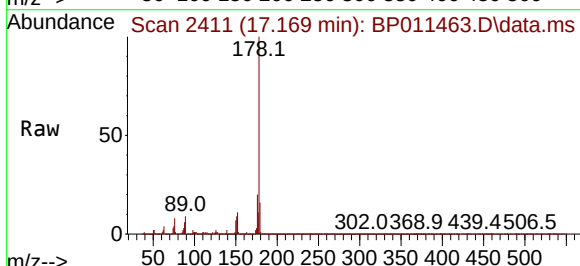
Tgt Ion:178 Resp: 8572794

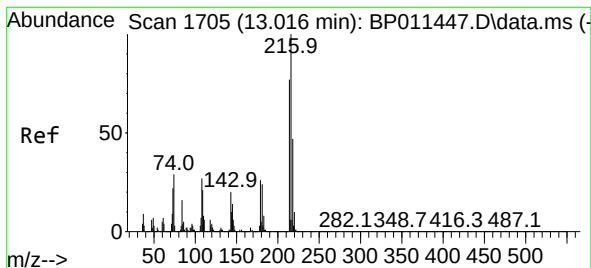
Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.2

176 20.0 15.4 23.0

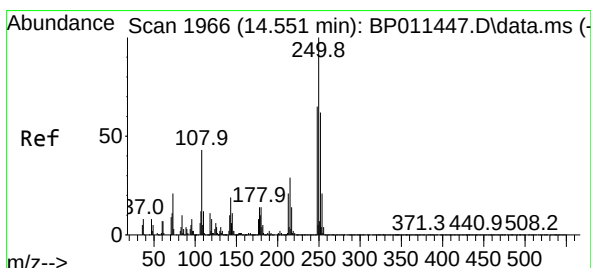
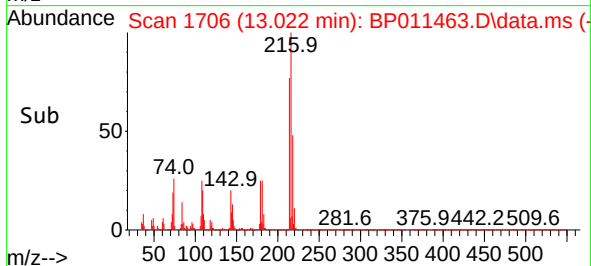
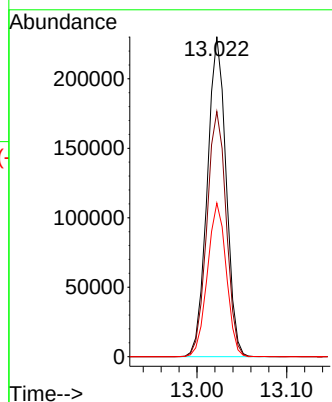
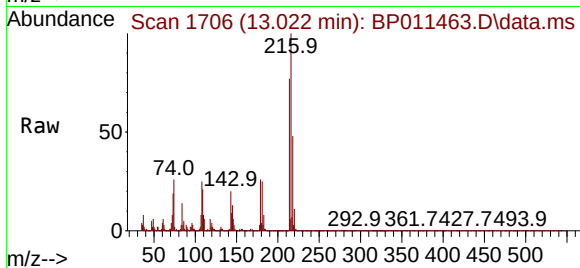




#75
1,2,3,4-Tetrachlorobenzene
Concen: 42.227 ng/uL
RT: 13.022 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

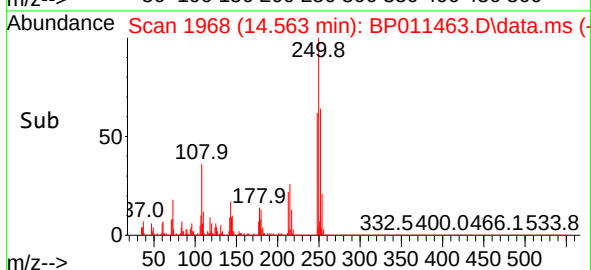
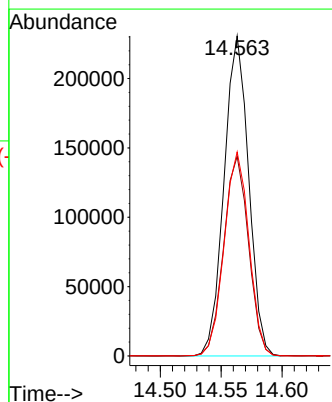
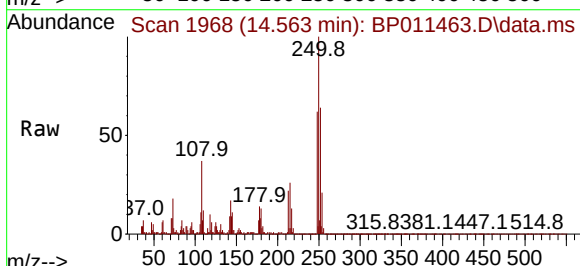
Instrument :
BNA_P
ClientSampleId :

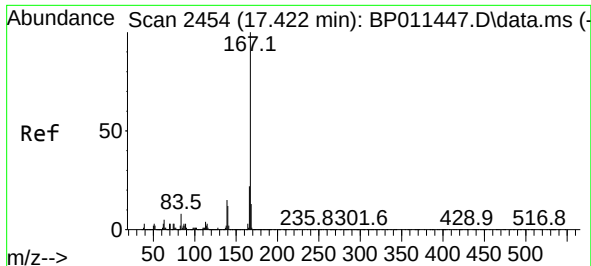
Tgt Ion:216 Resp: 335388
Ion Ratio Lower Upper
216 100
214 76.6 61.8 92.6
218 48.0 37.4 56.0



#76
Pentachlorobenzene
Concen: 42.975 ng/uL
RT: 14.563 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:250 Resp: 323874
Ion Ratio Lower Upper
250 100
248 62.3 51.7 77.5
252 63.8 50.0 75.0

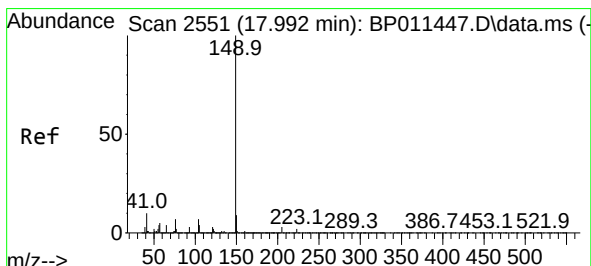
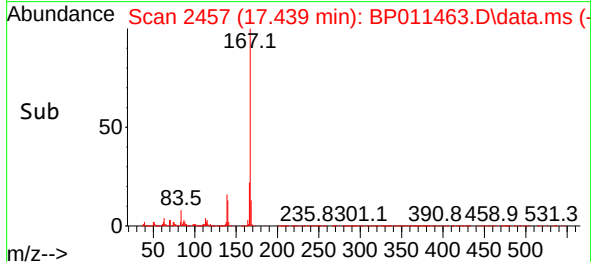
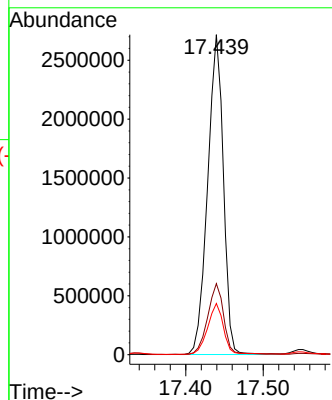
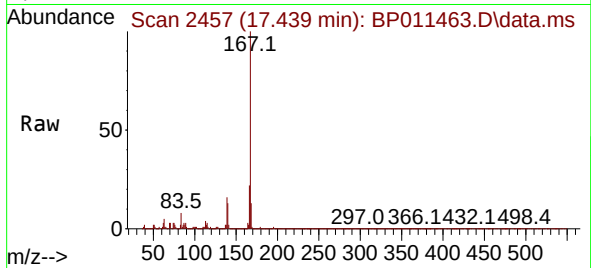




#77
 Carbazole
 Concen: 120.468 ng/ul
 RT: 17.439 min Scan# 2454
 Delta R.T. 0.018 min
 Lab File: BP011463.D
 Acq: 17 Aug 2022 15:22

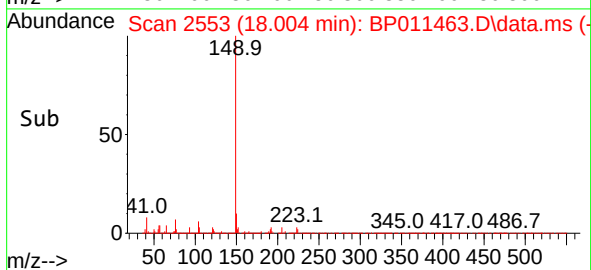
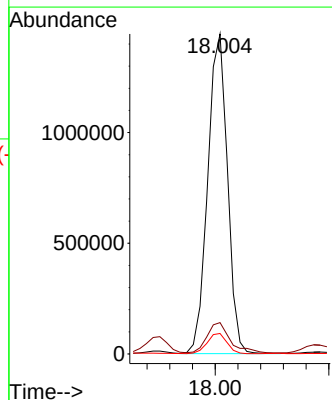
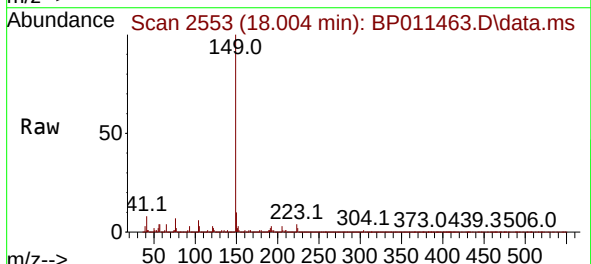
Instrument :
 BNA_P
 ClientSampleId :

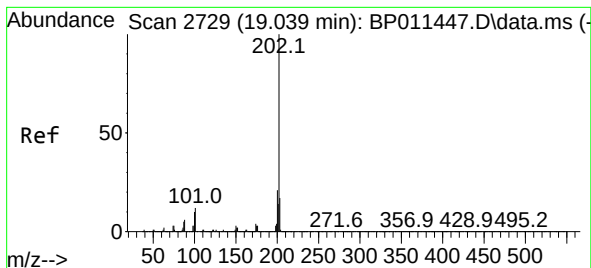
Tgt Ion:167 Resp: 3823068
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 16.0 12.1 18.1



#78
 Di-n-butylphthalate
 Concen: 44.505 ng/ul
 RT: 18.004 min Scan# 2553
 Delta R.T. 0.012 min
 Lab File: BP011463.D
 Acq: 17 Aug 2022 15:22

Tgt Ion:149 Resp: 1739270
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.2
 104 6.4 5.5 8.3





#80

Fluoranthene

Concen: 63.634 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. 0.176 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

Instrument :

BNA_P

ClientSampleId :

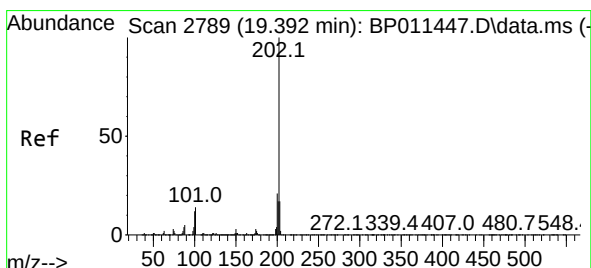
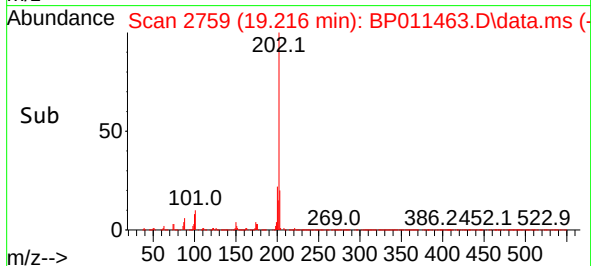
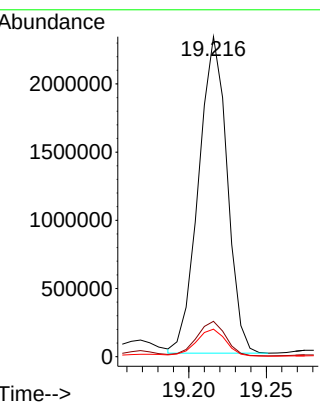
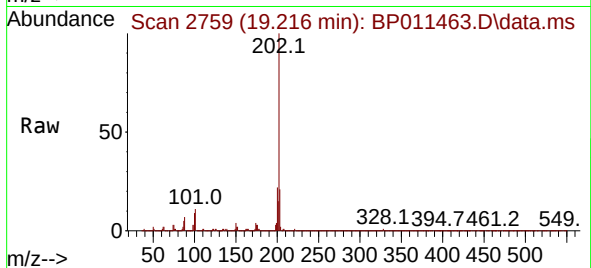
Tgt Ion:202 Resp: 2977342

Ion Ratio Lower Upper

202 100

101 11.1 9.5 14.3

100 8.6 7.9 11.9



#82

Pyrene

Concen: 4.655 ng/ul

RT: 19.339 min Scan# 2780

Delta R.T. -0.053 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

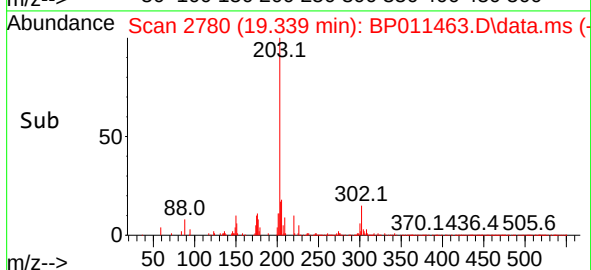
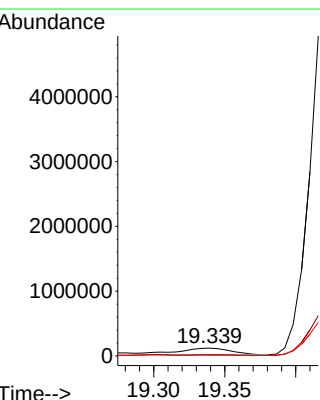
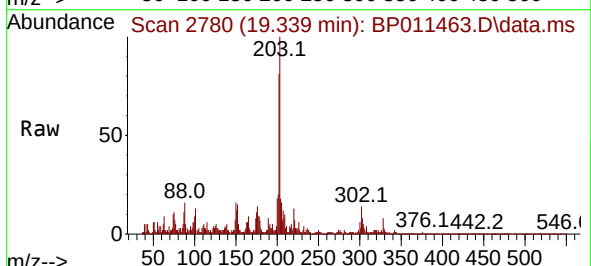
Tgt Ion:202 Resp: 228837

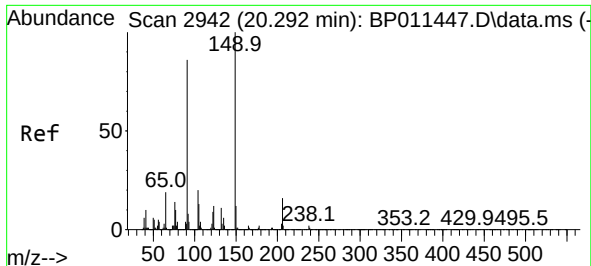
Ion Ratio Lower Upper

202 100

101 15.7 11.4 17.2

100 10.7 9.4 14.0

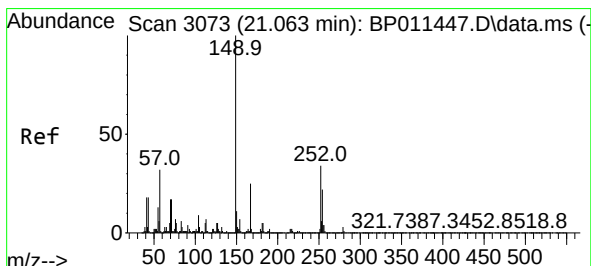
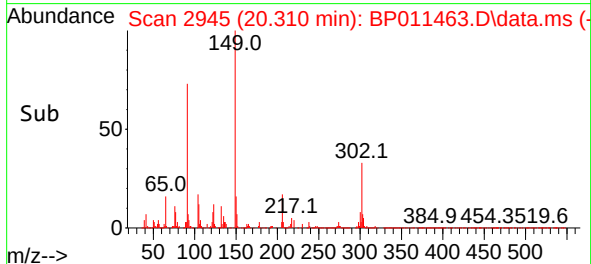
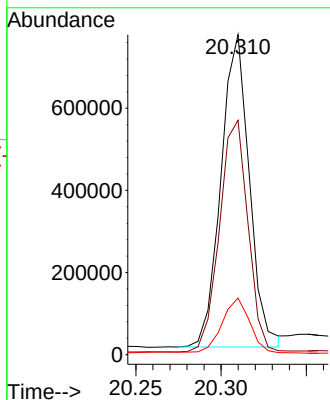
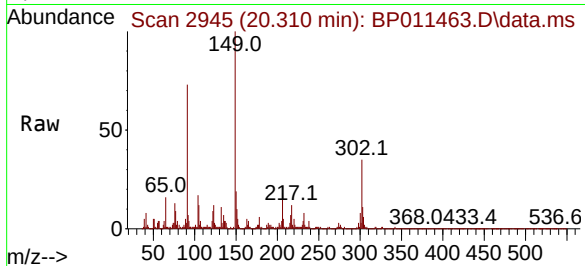




#83
Butylbenzylphthalate
Concen: 39.845 ng/ul
RT: 20.310 min Scan# 2942
Delta R.T. 0.018 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

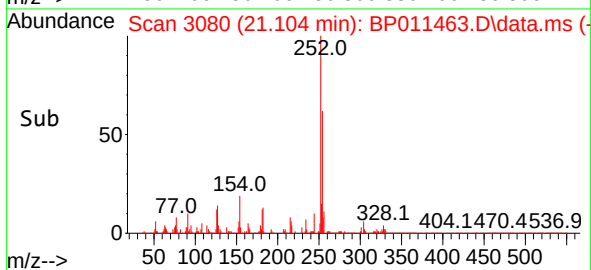
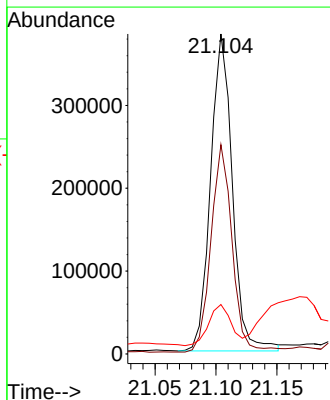
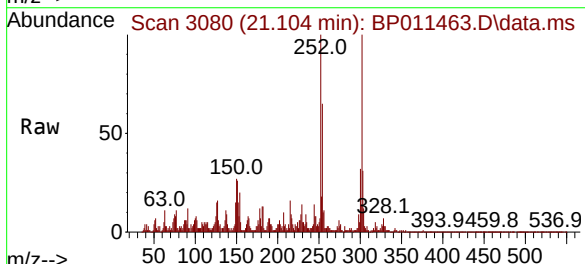
Instrument :
BNA_P
ClientSampleId :

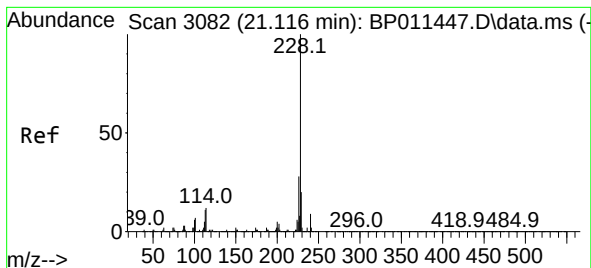
Tgt Ion:149 Resp: 878738
Ion Ratio Lower Upper
149 100
91 73.2 68.5 102.7
206 17.7 12.6 18.8



#84
3,3'-Dichlorobenzidine
Concen: 33.408 ng/ul
RT: 21.104 min Scan# 3080
Delta R.T. 0.041 min
Lab File: BP011463.D
Acq: 17 Aug 2022 15:22

Tgt Ion:252 Resp: 475597
Ion Ratio Lower Upper
252 100
254 65.4 51.2 76.8
126 15.4 12.2 18.2





#85

Benzo(a)anthracene

Concen: 36.942 ng/ul

RT: 21.210 min Scan# 3082

Delta R.T. 0.094 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

Instrument :

BNA_P

ClientSampleId :

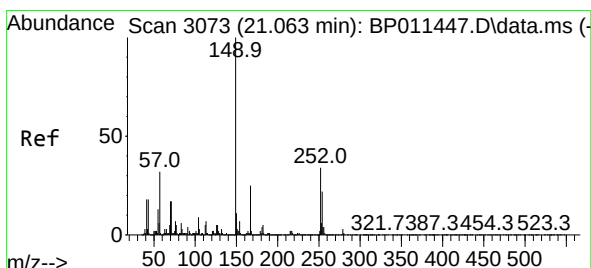
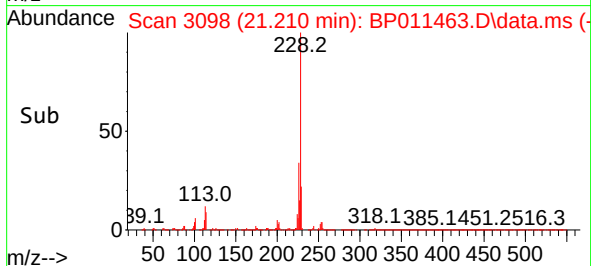
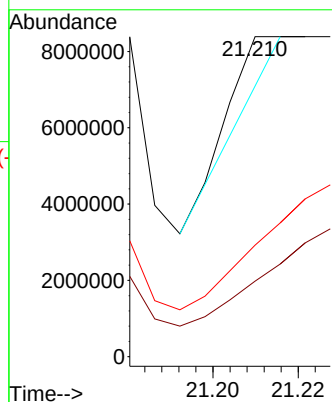
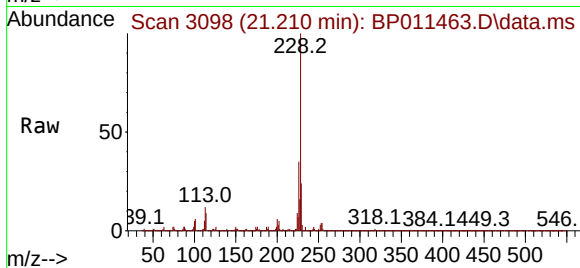
Tgt Ion:228 Resp: 1692478

Ion Ratio Lower Upper

228 100

229 23.6 16.0 24.0

226 34.9 22.6 33.8#



#86

Bis(2-ethylhexyl)phthalate

Concen: 44.066 ng/ul

RT: 21.075 min Scan# 3075

Delta R.T. 0.012 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

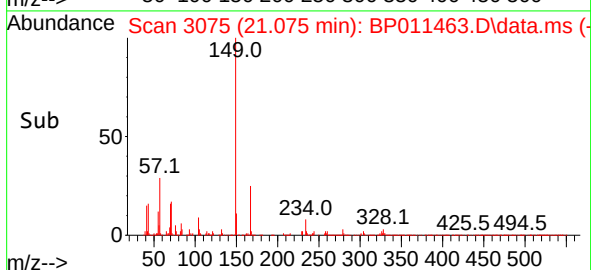
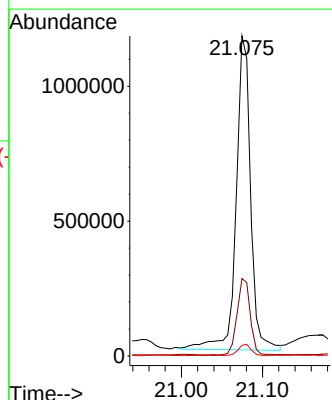
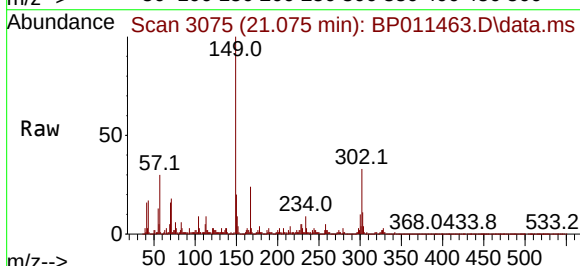
Tgt Ion:149 Resp: 1438160

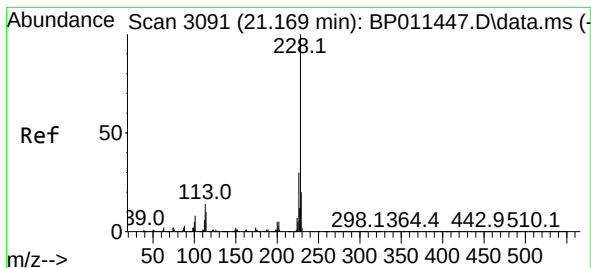
Ion Ratio Lower Upper

149 100

167 24.2 19.8 29.8

279 3.3 2.7 4.1





#87

Chrysene

Concen: 37.606 ng/u1

RT: 21.210 min Scan# 3091

Delta R.T. 0.041 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

Instrument :

BNA_P

ClientSampleId :

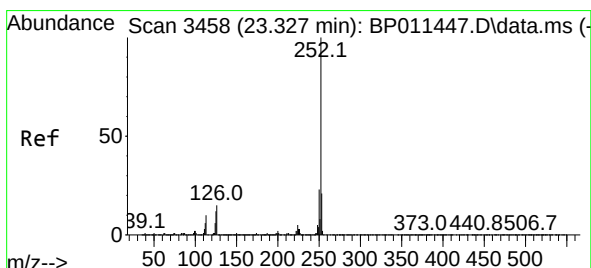
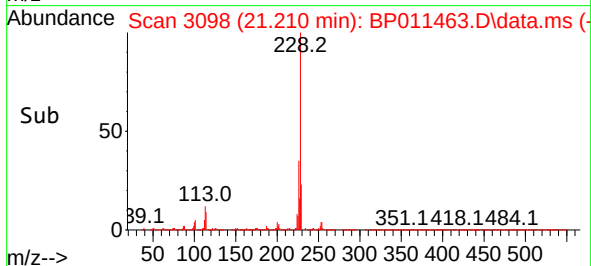
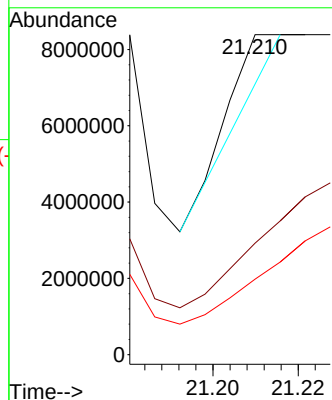
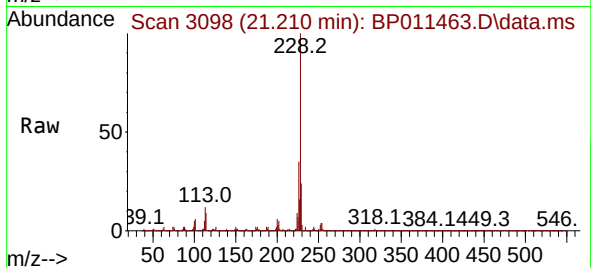
Tgt Ion:228 Resp: 1692478

Ion Ratio Lower Upper

228 100

226 34.9 23.9 35.9

229 23.6 16.0 24.0



#93

Benzo(a)pyrene

Concen: 319.445 ng/u1

RT: 23.327 min Scan# 3458

Delta R.T. -0.000 min

Lab File: BP011463.D

Acq: 17 Aug 2022 15:22

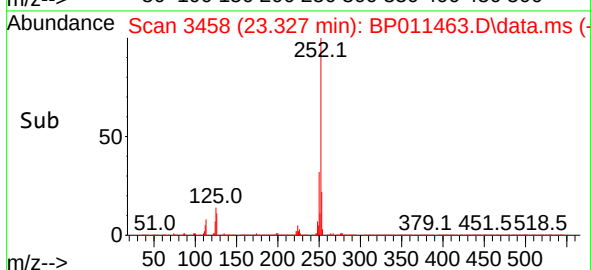
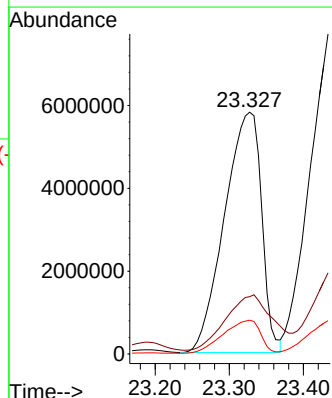
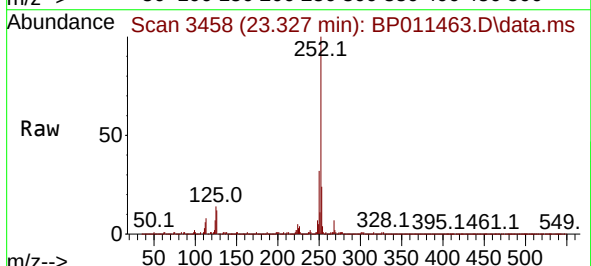
Tgt Ion:252 Resp:20163619

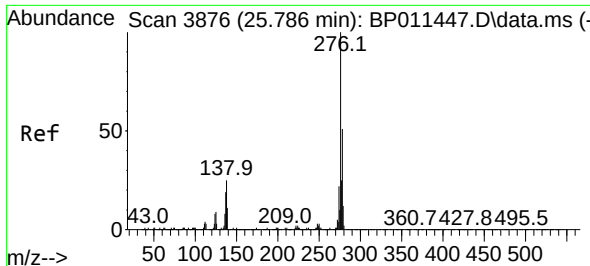
Ion Ratio Lower Upper

252 100

253 23.7 16.8 25.2

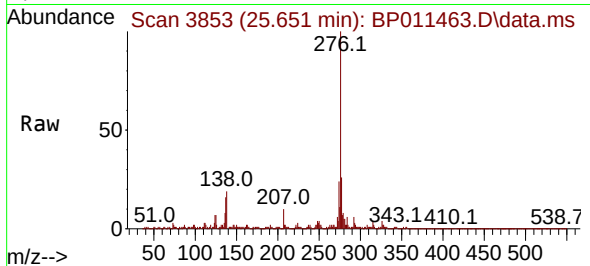
125 14.0 9.9 14.9



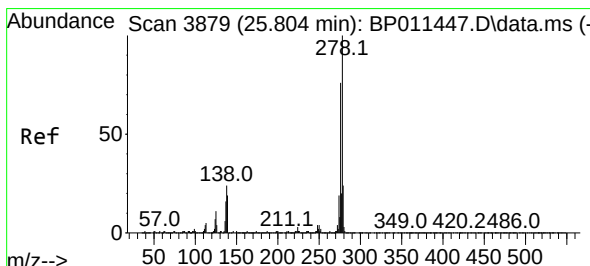
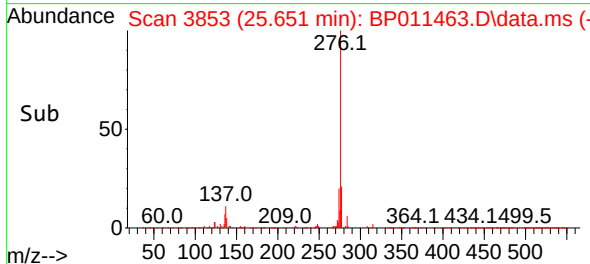
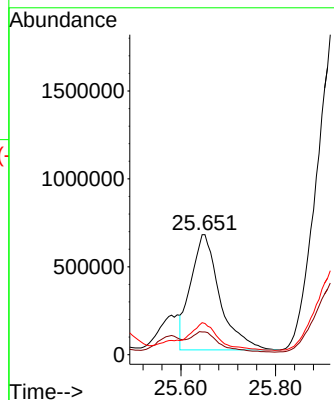


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 39.636 ng/ul
 RT: 25.651 min Scan# 3853
 Delta R.T. -0.135 min
 Lab File: BP011463.D
 Acq: 17 Aug 2022 15:22

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 2790563
 Ion Ratio Lower Upper
 276 100
 138 19.0 20.2 30.4#
 277 26.0 20.1 30.1



#95
 Dibenzo(a,h)anthracene
 Concen: 36.465 ng/ul
 RT: 25.574 min Scan# 3840
 Delta R.T. -0.229 min
 Lab File: BP011463.D
 Acq: 17 Aug 2022 15:22

Tgt Ion:278 Resp: 2210599
 Ion Ratio Lower Upper
 278 100
 139 17.7 15.4 23.0
 279 27.6 19.3 28.9

