

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
 Data File : BP011269.D
 Acq On : 04 Aug 2022 17:49
 Operator : CG/JU
 Sample : PB146590BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 04 22:55:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	195920	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	951716	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	592814	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	1169149	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	1232027	20.000	ng/u1	0.00
88) Perylene-d12	23.486	264	1236123	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	7313	3.018	ng/uL	0.00
4) Pyridine-d5	3.505	84	120272	18.402	ng/u1	0.00
7) Phenol-d5	6.787	99	491274	30.089	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	350513	29.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	376919	28.322	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	382519	28.473	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	211480	30.893	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	179415	27.961	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	390254	31.894	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	529686	27.981	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1208105	29.755	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1597548	31.273	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	237665	34.423	ng/u1	0.00
60) Fluorene-d10	15.275	176	1111950	32.186	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	175942	32.409	ng/u1	0.00
73) Anthracene-d10	17.145	188	1704350	33.169	ng/u1	0.00
81) Pyrene-d10	19.404	212	1919217	30.810	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.339	264	2024255	32.862	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	14415	6.450	ng/uL	96
5) Pyridine	3.522	79	125867	19.018	ng/u1	90
6) Benzaldehyde	6.752	77	347323	43.516	ng/u1	97
8) Phenol	6.816	94	549533	31.388	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.040	93	442178	30.780	ng/u1	99
12) 2-Chlorophenol	7.169	128	428847	31.024	ng/u1	98
13) 2-Methylphenol	8.057	108	390538	29.482	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	750711	30.666	ng/u1	99
16) Acetophenone	8.434	105	832415	38.233	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	348461	32.892	ng/u1	99
18) 4-Methylphenol	8.393	108	480333	33.810	ng/u1	98
19) Hexachloroethane	8.669	117	232707	35.106	ng/u1	96
22) Nitrobenzene	8.810	77	622814	33.200	ng/u1	99
23) Isophorone	9.340	82	1010999	30.287	ng/u1	99
25) 2-Nitrophenol	9.516	139	232596	31.325	ng/u1	99
26) 2,4-Dimethylphenol	9.587	107	475552	28.309	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	636278	30.276	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	435724	34.074	ng/u1	98
30) Naphthalene	10.446	128	1691557	33.668	ng/u1	99
32) 4-Chloroaniline	10.569	127	636411	33.193	ng/u1	99
33) Hexachlorobutadiene	10.722	225	267752	33.520	ng/u1	98
34) Caprolactam	11.381	113	81898	21.622	ng/u1	93
35) 4-Chloro-3-methylphenol	11.710	107	510927	35.330	ng/u1	100
36) 2-Methylnaphthalene	12.069	142	1072686	34.169	ng/u1	100

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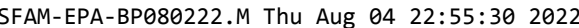
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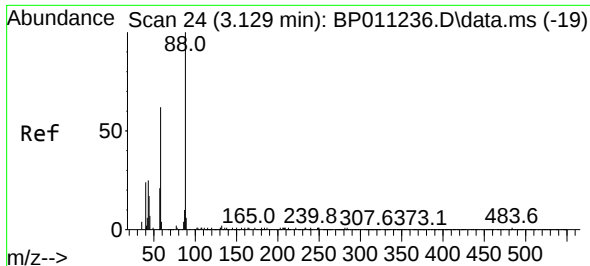
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 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	1090347	34.575	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	503628	31.064	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	232065	22.655	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	297713	29.312	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	345817	31.727	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	1486042	31.408	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	1109800	31.443	ng/ul	99
45) 2-Nitroaniline	13.363	65	254920	30.026	ng/ul	96
47) Dimethylphthalate	13.745	163	1338576	32.680	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	221743	36.065	ng/ul	95
50) Acenaphthylene	13.992	152	1901304	32.938	ng/ul	99
51) 3-Nitroaniline	14.198	138	240184	35.417	ng/ul	100
52) Acenaphthene	14.339	153	1226454	32.848	ng/ul	97
53) 2,4-Dinitrophenol	14.410	184	102997	28.209	ng/ul	97
55) 4-Nitrophenol	14.522	109	214864	34.484	ng/ul	96
56) Dibenzofuran	14.681	168	1729023	33.839	ng/ul	96
57) 2,4-Dinitrotoluene	14.663	165	387116	39.979	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	272185	33.071	ng/ul	97
59) Diethylphthalate	15.128	149	1309329	30.974	ng/ul	99
61) Fluorene	15.334	166	1413787	34.727	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	624897	34.759	ng/ul	98
63) 4-Nitroaniline	15.375	138	234308	41.293	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.428	198	184218	32.816	ng/ul	97
67) N-Nitrosodiphenylamine	15.557	169	1152320	33.720	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	342611	32.485	ng/ul	100
69) Hexachlorobenzene	16.339	284	417102	33.856	ng/ul	97
70) Atrazine	16.528	200	289613	28.331	ng/ul	100
71) Pentachlorophenol	16.692	266	228739	31.700	ng/ul	98
72) Phenanthrene	17.086	178	2222479	34.721	ng/ul	99
74) Anthracene	17.180	178	2195051	34.481	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	487064	27.223	ng/ul	99
76) Pentachlorobenzene	14.592	250	502094	32.920	ng/ul	97
77) Carbazole	17.463	167	2029103	35.539	ng/ul	100
78) Di-n-butylphthalate	18.033	149	1971793	27.841	ng/ul	99
80) Fluoranthene	19.080	202	2469489	32.415	ng/ul	99
82) Pyrene	19.433	202	2594260	32.633	ng/ul	99
83) Butylbenzylphthalate	20.333	149	593924	19.565	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.104	252	580110	28.789	ng/ul	100
85) Benzo(a)anthracene	21.157	228	2510724	32.606	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.098	149	1091268	21.040	ng/ul	99
87) Chrysene	21.210	228	2454126	32.380	ng/ul	99
89) Di-n-octyl phthalate	22.004	149	1989235	23.602	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	2697284	34.251	ng/ul	98
91) Benzo(k)fluoranthene	22.833	252	2509456	33.964	ng/ul	100
93) Benzo(a)pyrene	23.386	252	2590704	33.795	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.880	276	3001067	32.802	ng/ul	99
95) Dibenzo(a,h)anthracene	25.904	278	2596130	33.463	ng/ul	98
96) Benzo(g,h,i)perylene	26.615	276	2549934	32.525	ng/ul	98

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

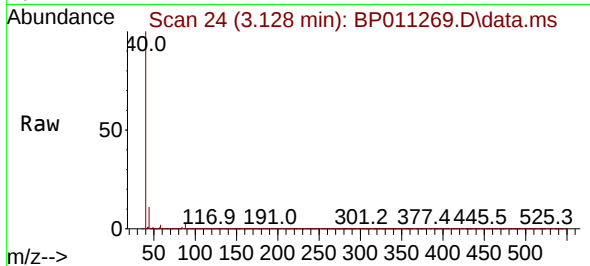
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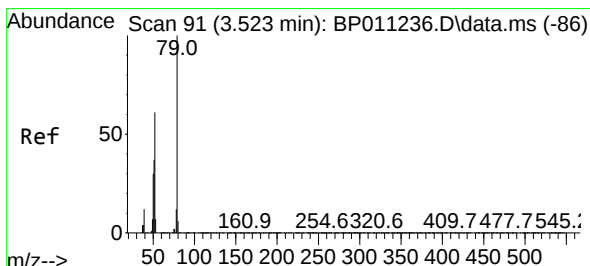
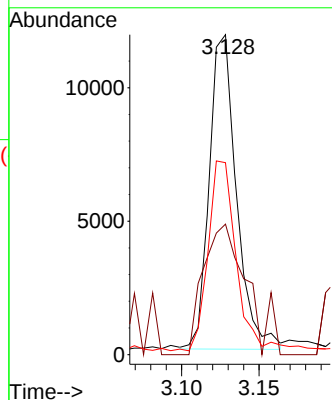
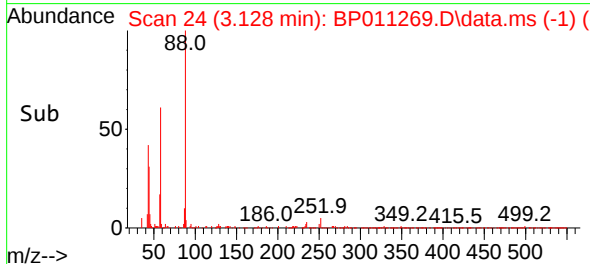


#2
1,4-Dioxane
Concen: 6.450 ng/uL
RT: 3.128 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP011269.D
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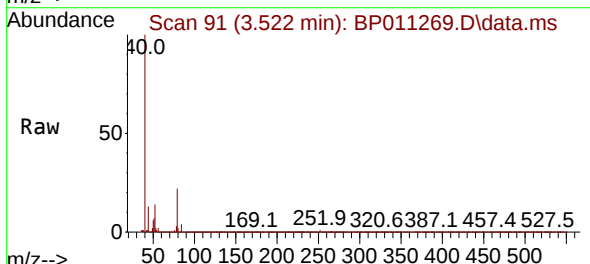
Instrument :
BNA_P
ClientSampleId :



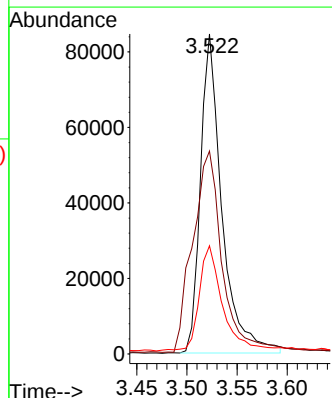
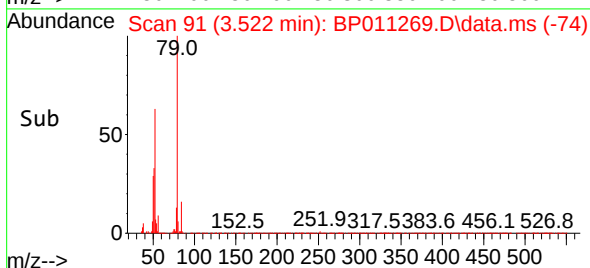
Tgt Ion: 88 Resp: 14415
Ion Ratio Lower Upper
88 100
43 40.8 29.6 44.4
58 60.0 49.1 73.7

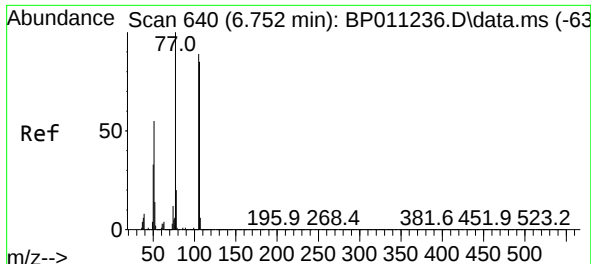


#5
Pyridine
Concen: 19.018 ng/uL
RT: 3.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49



Tgt Ion: 79 Resp: 125867
Ion Ratio Lower Upper
79 100
52 63.4 57.8 86.6
51 33.8 31.5 47.3

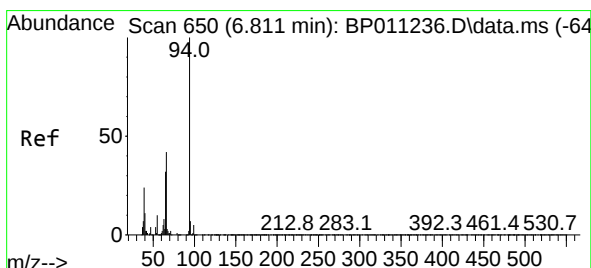
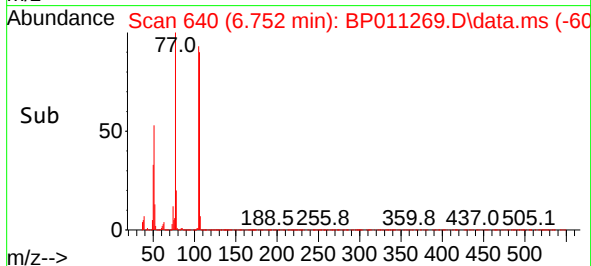
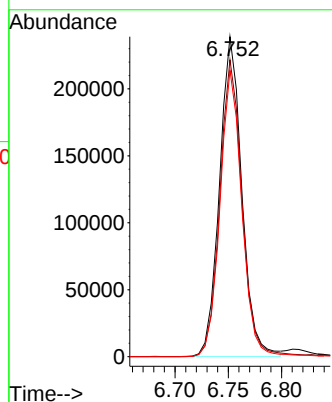
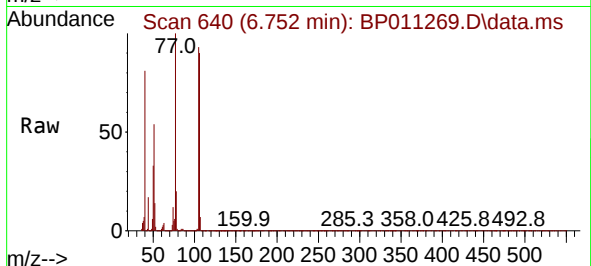




#6
Benzaldehyde
Concen: 43.516 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

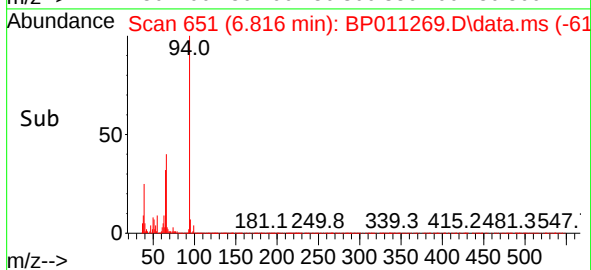
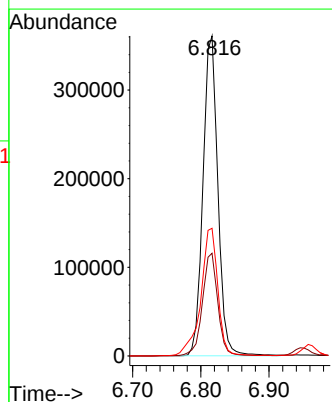
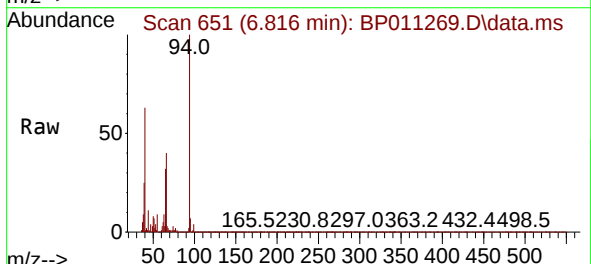
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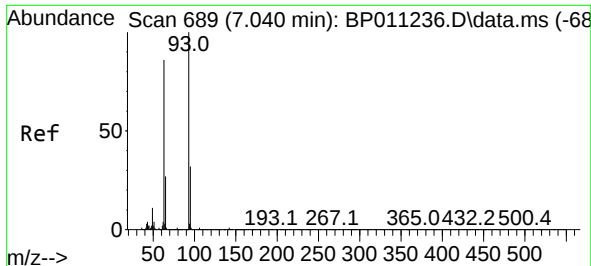
Tgt Ion: 77 Resp: 347323
Ion Ratio Lower Upper
77 100
105 92.8 72.0 108.0
106 89.5 69.4 104.0



#8
Phenol
Concen: 31.388 ng/ul
RT: 6.816 min Scan# 651
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion: 94 Resp: 549533
Ion Ratio Lower Upper
94 100
65 32.1 24.7 37.1
66 39.9 32.6 49.0

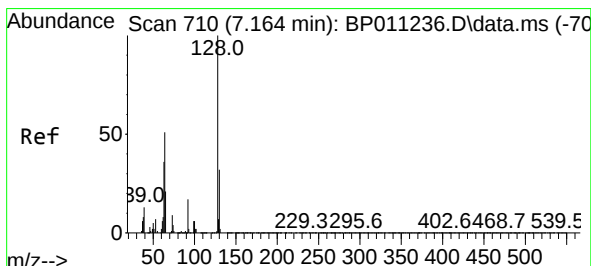
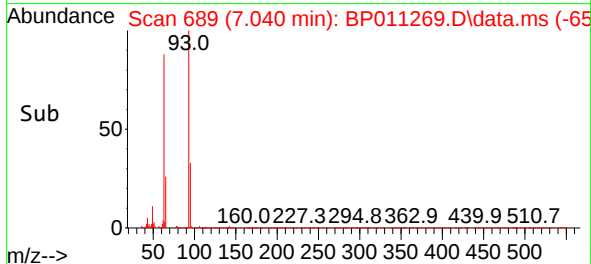
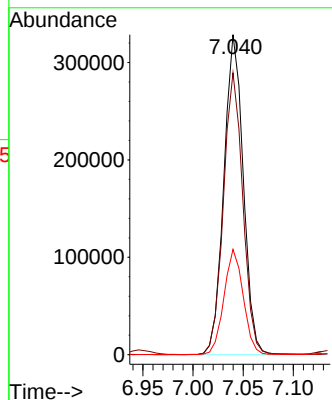
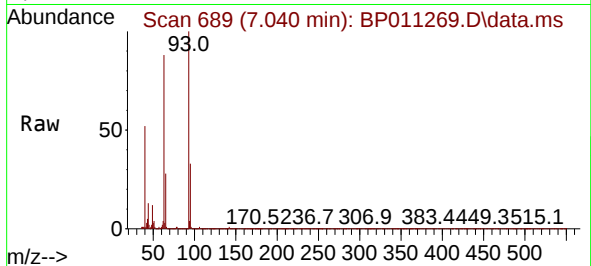




#10
Bis(2-Chloroethyl)ether
Concen: 30.780 ng/ul
RT: 7.040 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

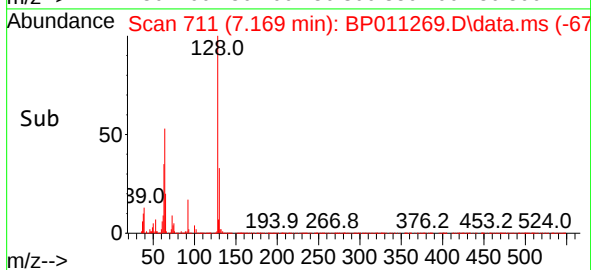
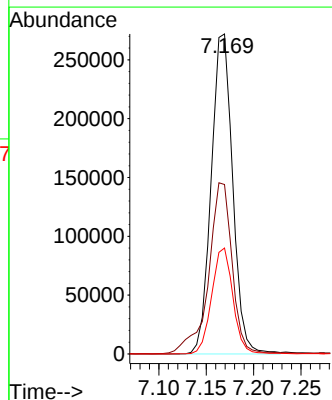
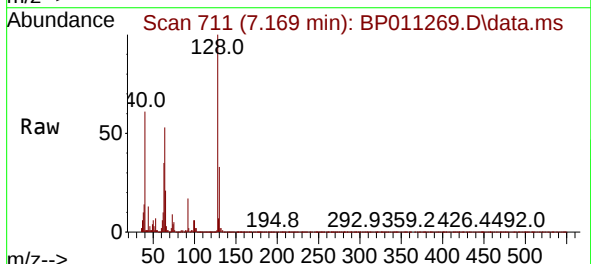
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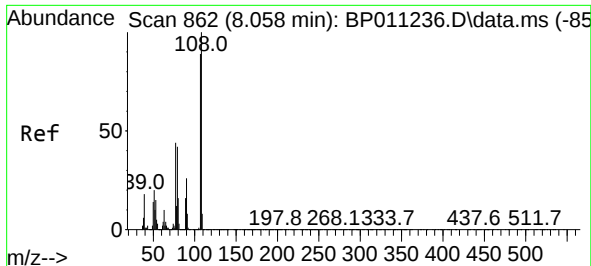
Tgt Ion: 93 Resp: 442178
Ion Ratio Lower Upper
93 100
63 88.1 71.0 106.6
95 32.9 26.0 39.0



#12
2-Chlorophenol
Concen: 31.024 ng/ul
RT: 7.169 min Scan# 711
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion: 128 Resp: 428847
Ion Ratio Lower Upper
128 100
64 53.0 43.8 65.6
130 33.1 25.4 38.2

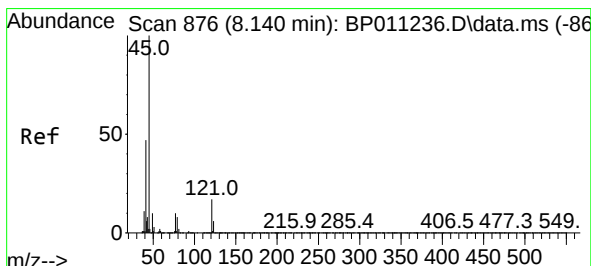
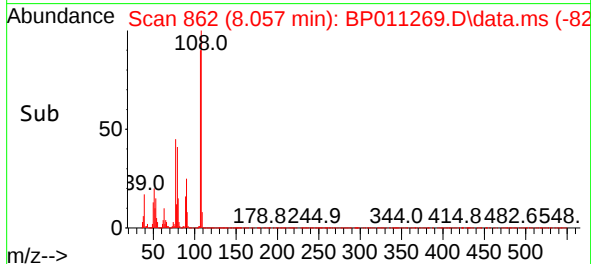
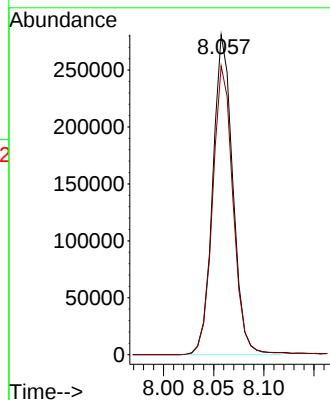
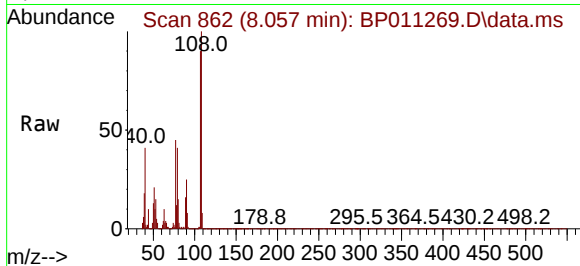




#13
2-Methylphenol
Concen: 29.482 ng/ul
RT: 8.057 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

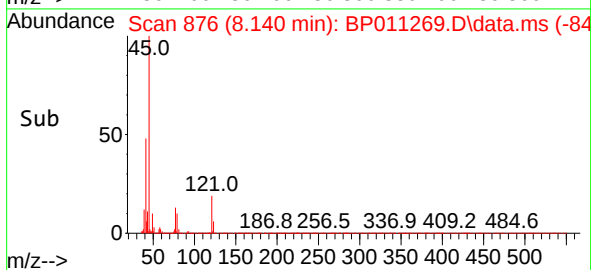
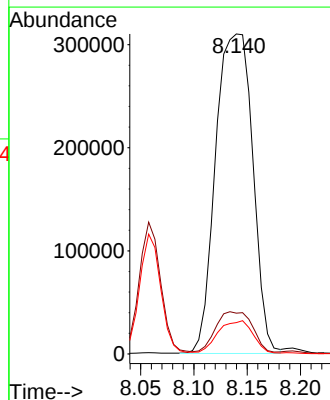
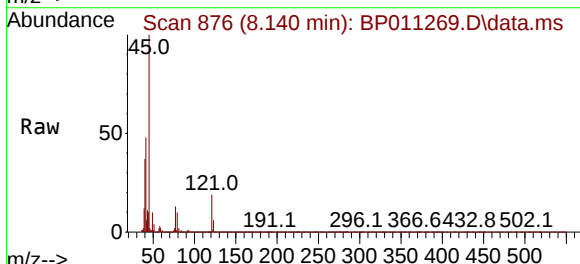
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ClientSampleId :

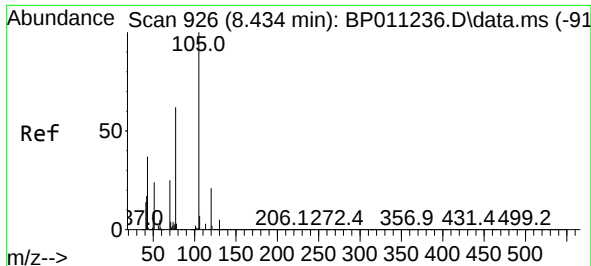
Tgt Ion:108 Resp: 390538
Ion Ratio Lower Upper
108 100
107 90.3 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.666 ng/ul
RT: 8.140 min Scan# 876
Delta R.T. 0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion: 45 Resp: 750711
Ion Ratio Lower Upper
45 100
77 12.7 9.9 14.9
79 9.8 7.2 10.8

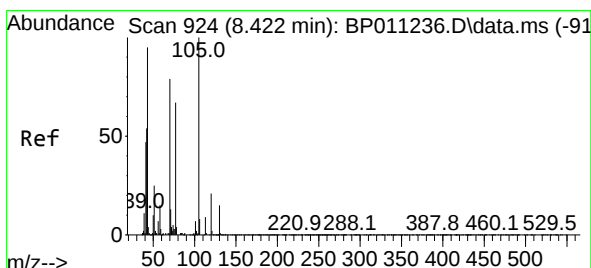
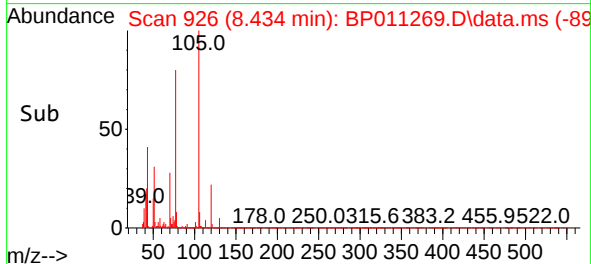
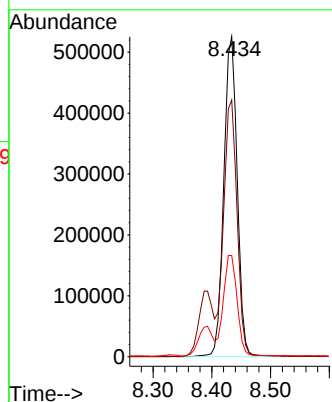
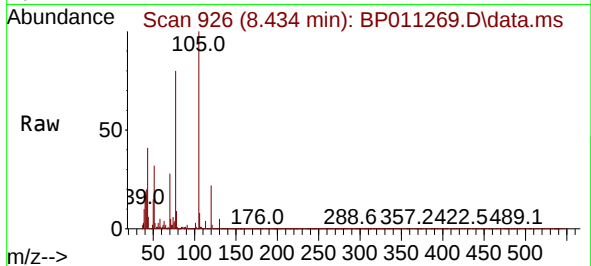




#16
Acetophenone
Concen: 38.233 ng/ul
RT: 8.434 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

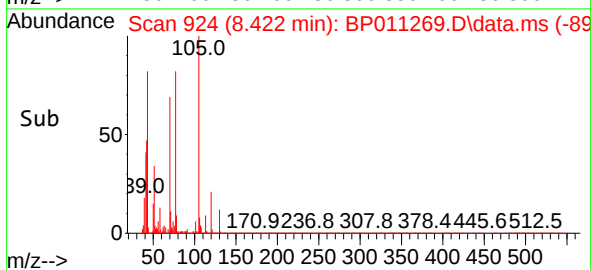
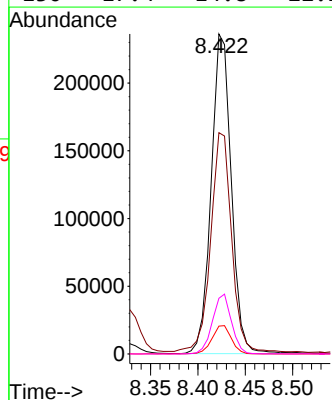
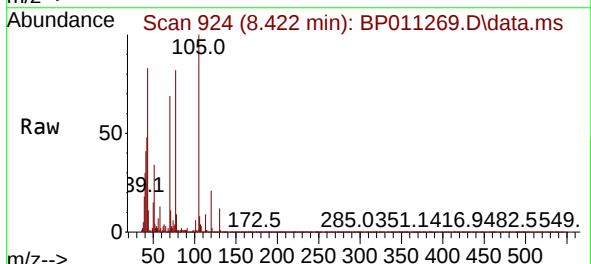
Instrument :
BNA_P
ClientSampleId :

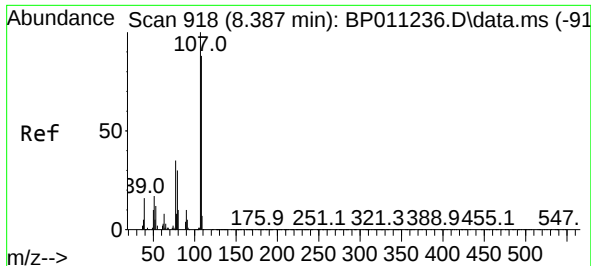
Tgt Ion:105 Resp: 832415
Ion Ratio Lower Upper
105 100
77 80.2 65.4 98.0
51 31.6 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 32.892 ng/ul
RT: 8.422 min Scan# 924
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion: 70 Resp: 348461
Ion Ratio Lower Upper
70 100
42 69.1 55.5 83.3
101 8.7 7.1 10.7
130 17.4 14.8 22.2

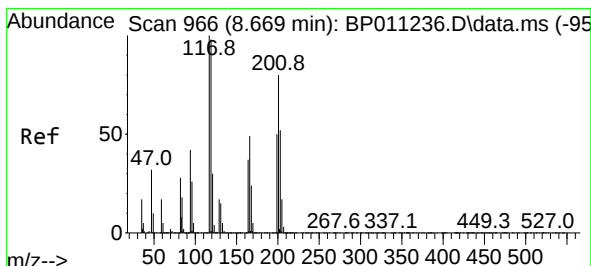
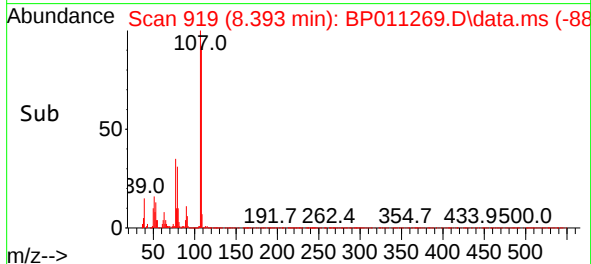
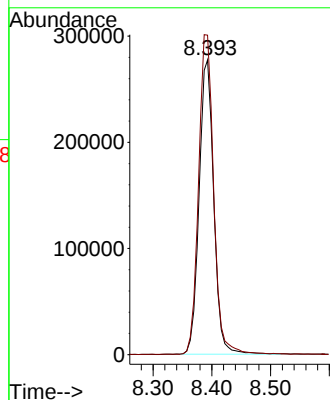
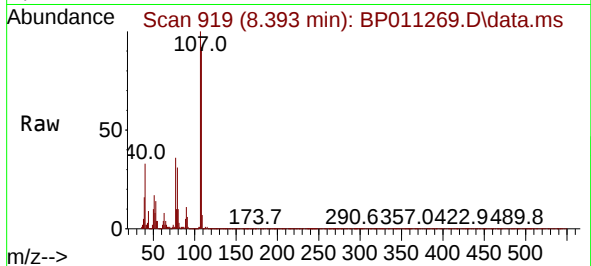




#18
4-Methylphenol
Concen: 33.810 ng/ul
RT: 8.393 min Scan# 918
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

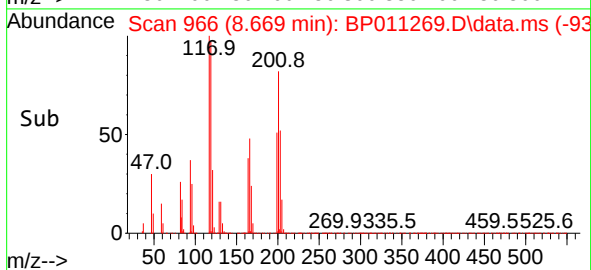
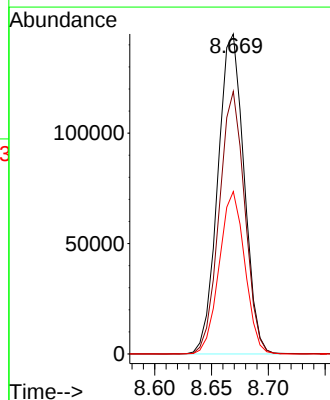
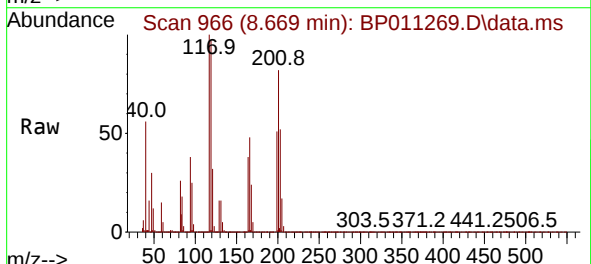
Instrument :
BNA_P
ClientSampleId :

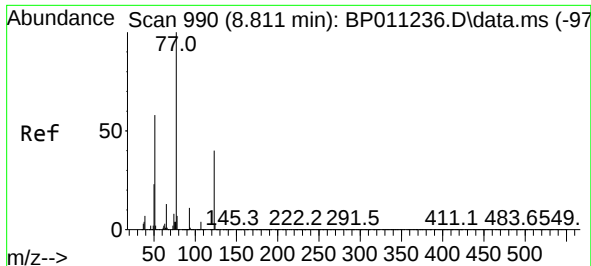
Tgt Ion:108 Resp: 480333
Ion Ratio Lower Upper
108 100
107 108.4 88.2 132.4



#19
Hexachloroethane
Concen: 35.106 ng/ul
RT: 8.669 min Scan# 966
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:117 Resp: 232707
Ion Ratio Lower Upper
117 100
201 82.1 62.2 93.2
199 50.8 39.8 59.6

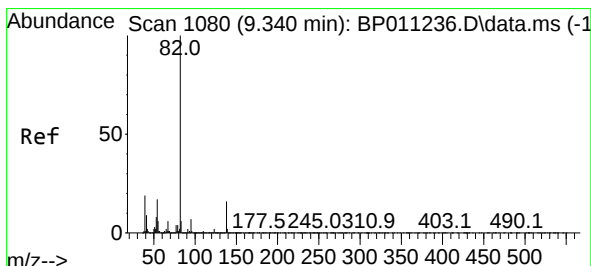
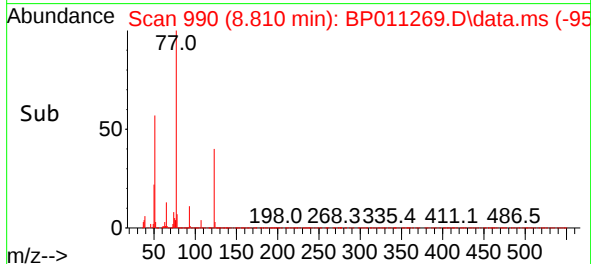
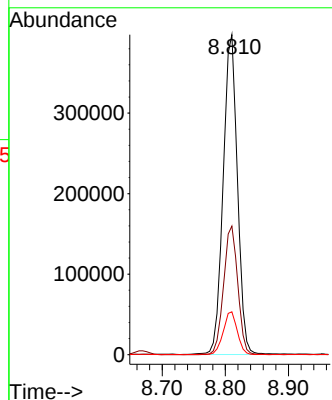
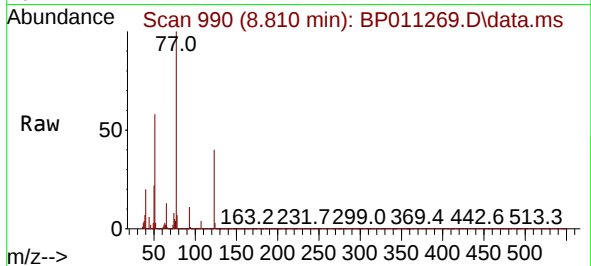




#22
Nitrobenzene
Concen: 33.200 ng/ul
RT: 8.810 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

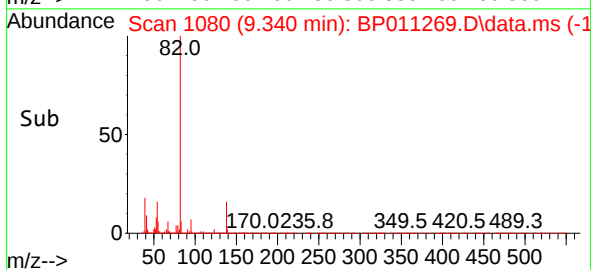
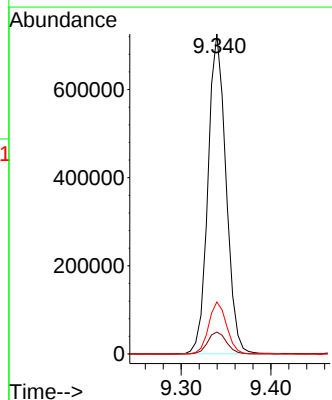
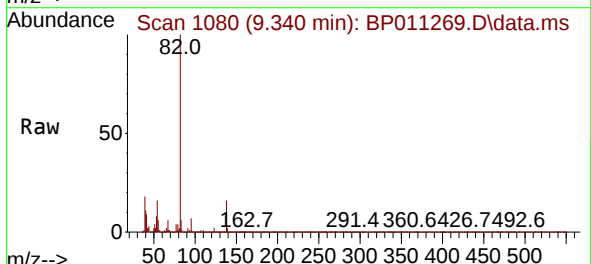
Instrument :
BNA_P
ClientSampleId :

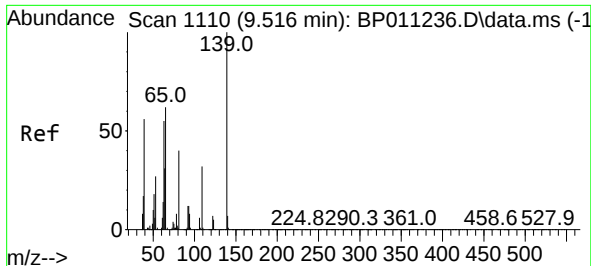
Tgt Ion: 77 Resp: 622814
Ion Ratio Lower Upper
77 100
123 40.2 31.4 47.0
65 13.4 10.6 15.8



#23
Isophorone
Concen: 30.287 ng/ul
RT: 9.340 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion: 82 Resp: 1010999
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 16.3 12.6 18.8

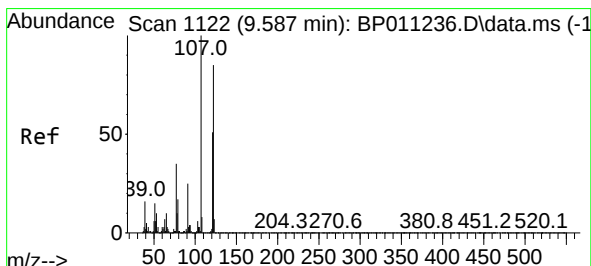
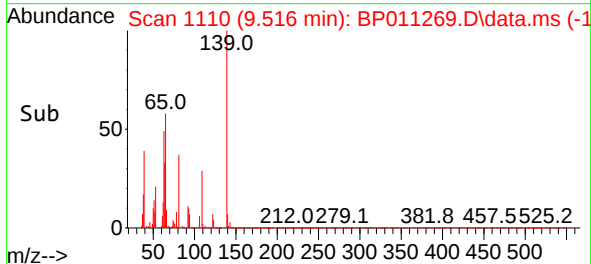
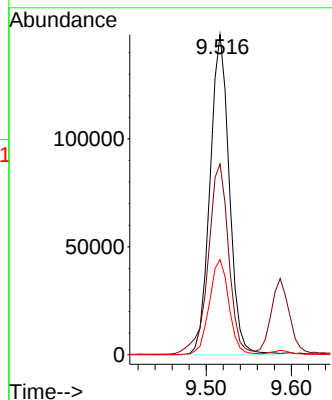
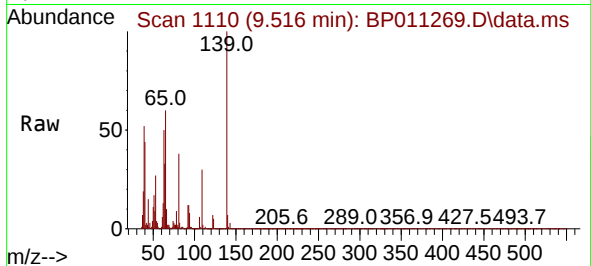




#25
2-Nitrophenol
Concen: 31.325 ng/ul
RT: 9.516 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

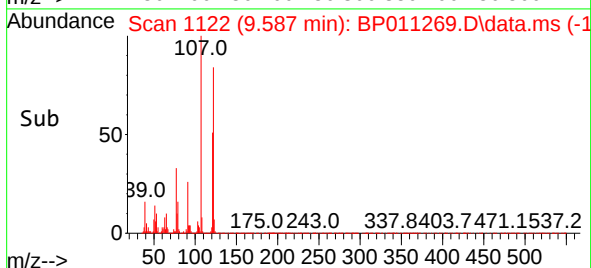
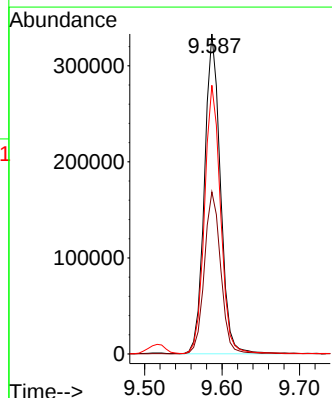
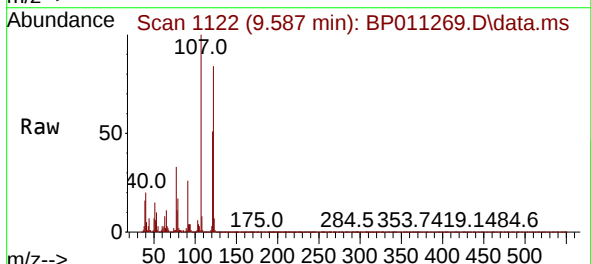
Instrument :
BNA_P
ClientSampleId :

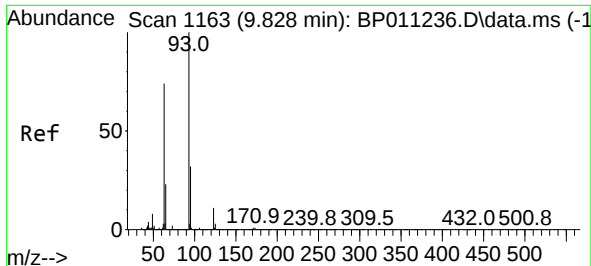
Tgt Ion:139 Resp: 232596
Ion Ratio Lower Upper
139 100
65 59.6 46.7 70.1
109 29.7 24.2 36.2



#26
2,4-Dimethylphenol
Concen: 28.309 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:107 Resp: 475552
Ion Ratio Lower Upper
107 100
121 50.6 40.3 60.5
122 84.0 67.7 101.5





#27

Bis(2-Chloroethoxy)methane

Concen: 30.276 ng/ul

RT: 9.828 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

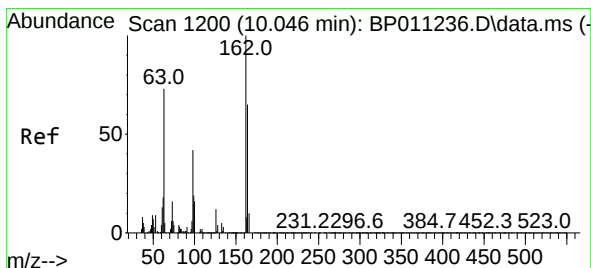
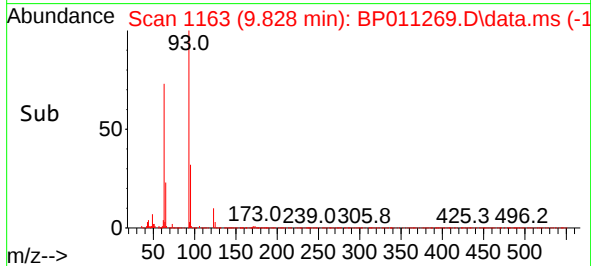
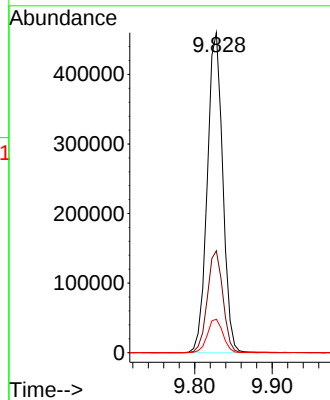
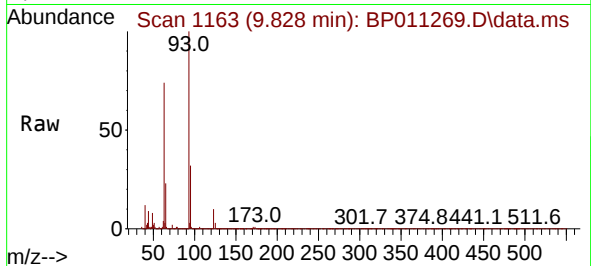
Tgt Ion: 93 Resp: 636278

Ion Ratio Lower Upper

93 100

95 31.8 25.2 37.8

123 10.4 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 34.074 ng/ul

RT: 10.051 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

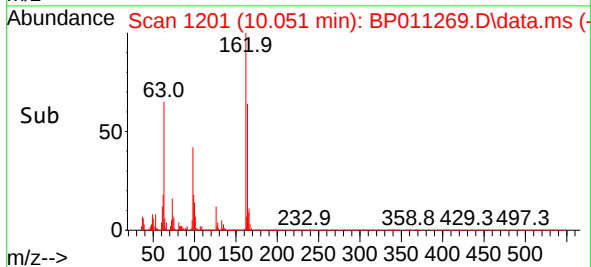
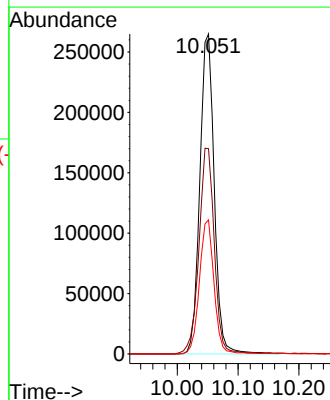
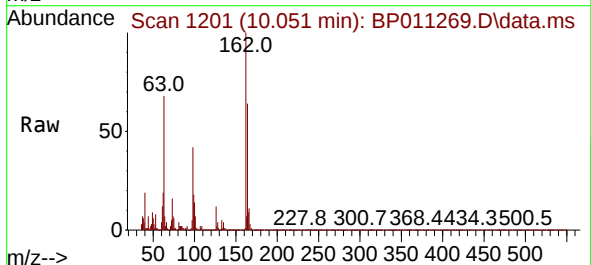
Tgt Ion:162 Resp: 435724

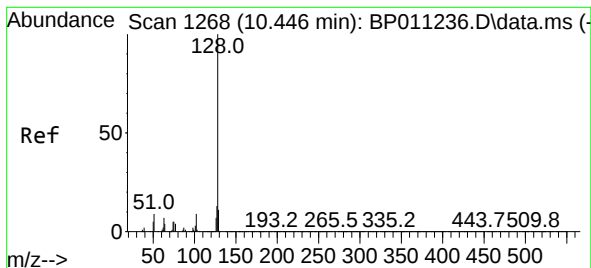
Ion Ratio Lower Upper

162 100

164 64.1 52.6 79.0

98 41.9 34.2 51.4





#30

Naphthalene

Concen: 33.668 ng/ul

RT: 10.446 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

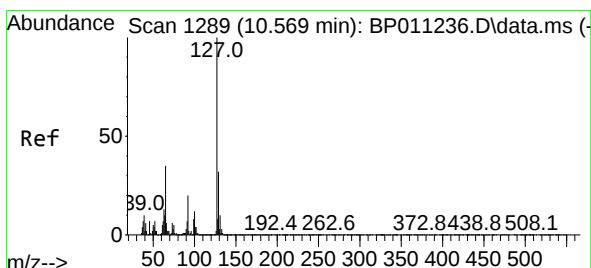
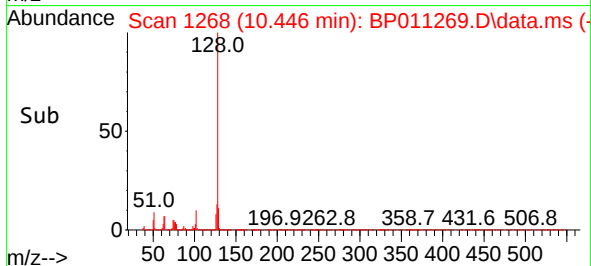
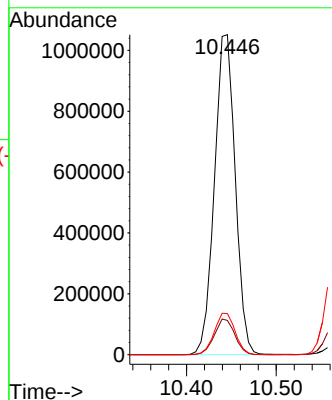
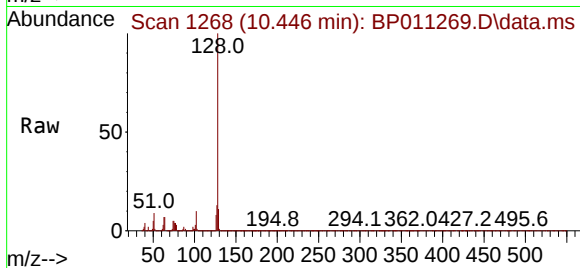
Tgt Ion:128 Resp: 1691557

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 12.9 10.4 15.6



#32

4-Chloroaniline

Concen: 33.193 ng/ul

RT: 10.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BP011269.D

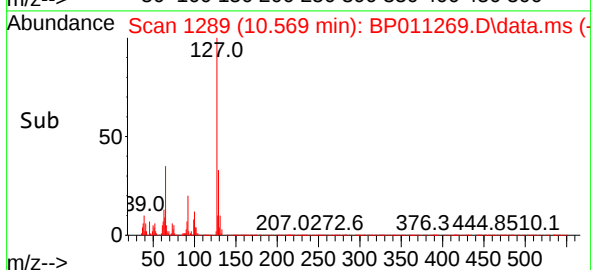
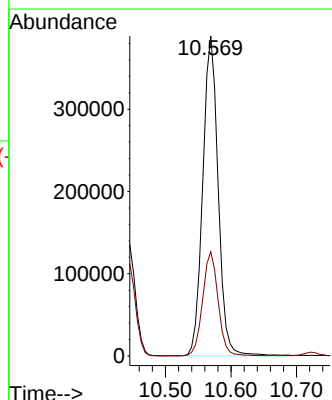
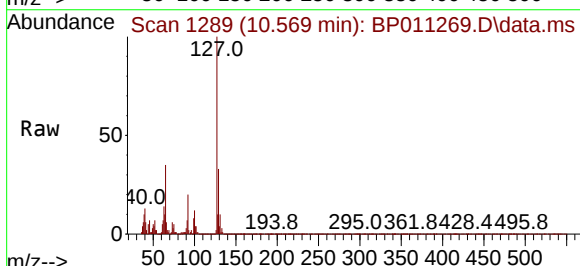
Acq: 04 Aug 2022 17:49

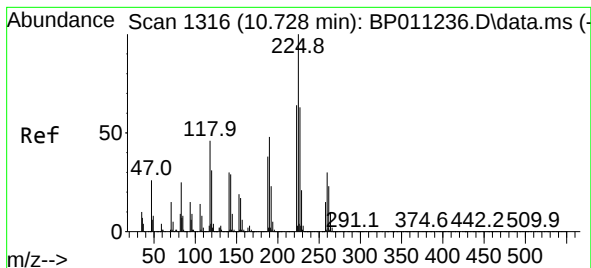
Tgt Ion:127 Resp: 636411

Ion Ratio Lower Upper

127 100

129 32.6 26.6 40.0





#33

Hexachlorobutadiene

Concen: 33.520 ng/ul

RT: 10.722 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

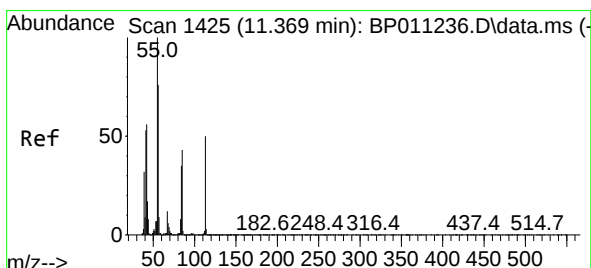
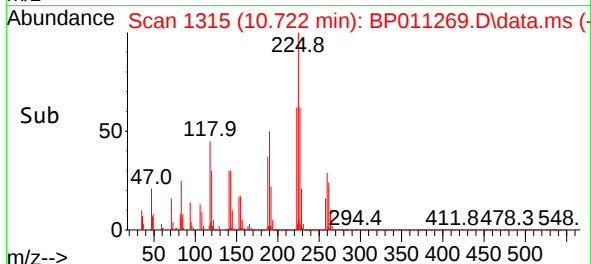
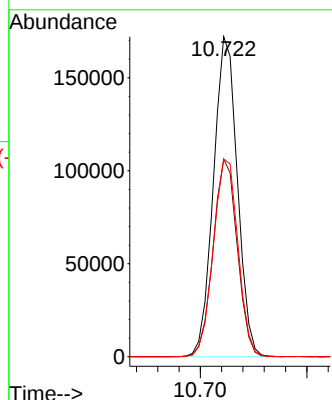
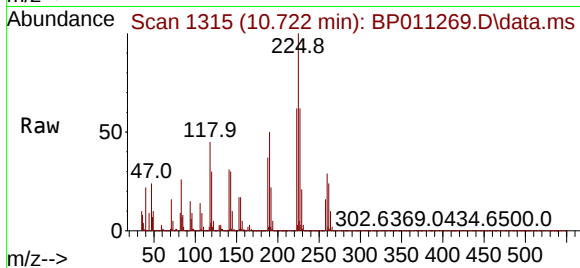
Tgt Ion:225 Resp: 267752

Ion Ratio Lower Upper

225 100

223 61.8 51.2 76.8

227 61.7 50.6 75.8



#34

Caprolactam

Concen: 21.622 ng/ul

RT: 11.381 min Scan# 1427

Delta R.T. 0.012 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

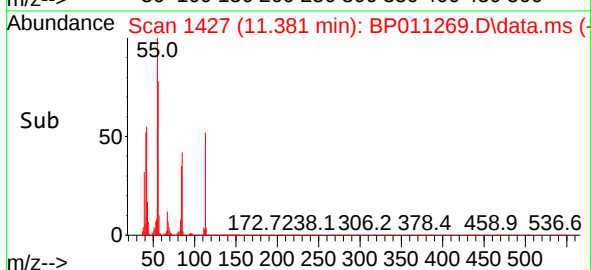
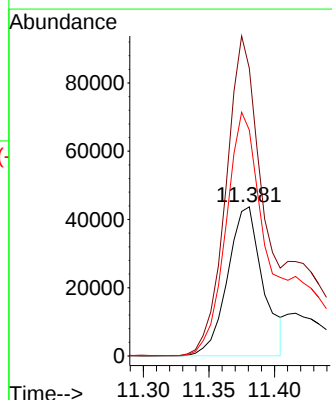
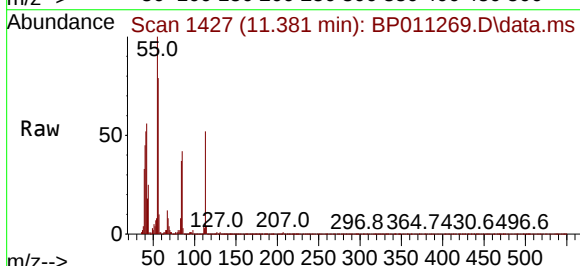
Tgt Ion:113 Resp: 81898

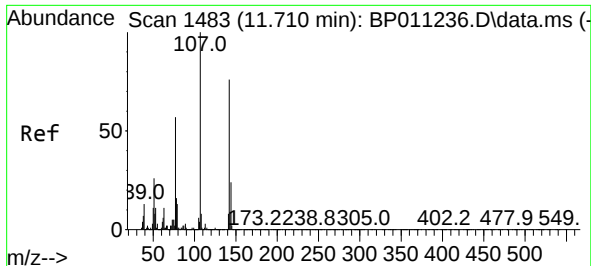
Ion Ratio Lower Upper

113 100

55 193.0 164.2 246.4

56 151.5 127.0 190.6

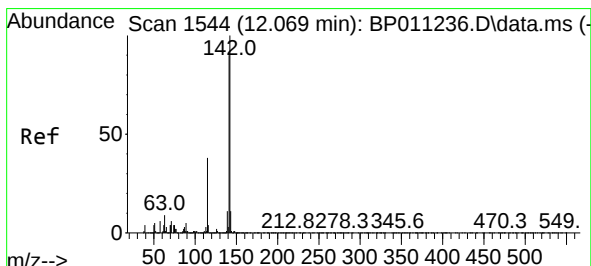
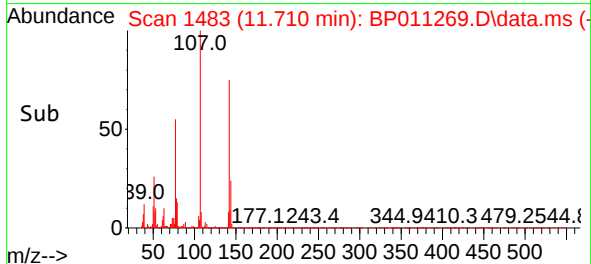
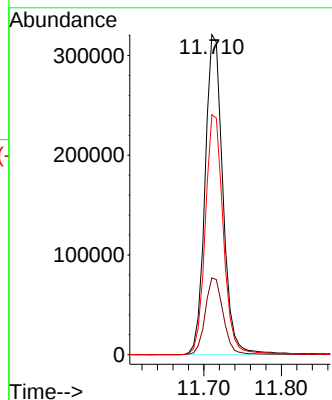
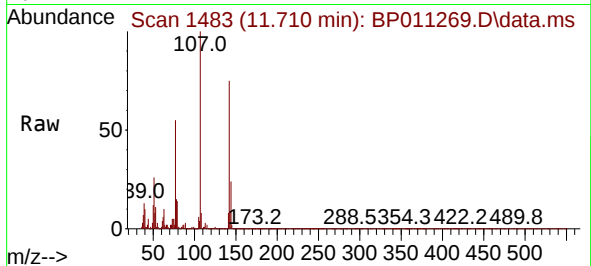




#35
4-Chloro-3-methylphenol
Concen: 35.330 ng/ul
RT: 11.710 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

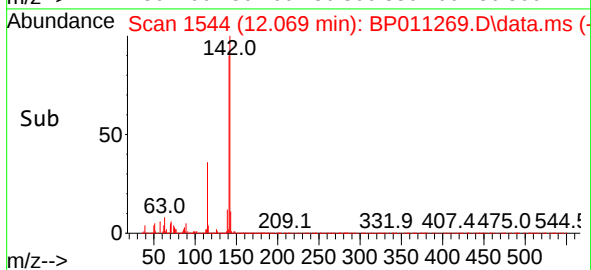
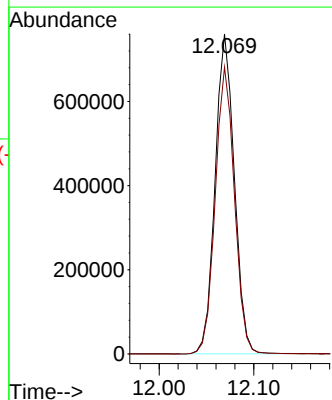
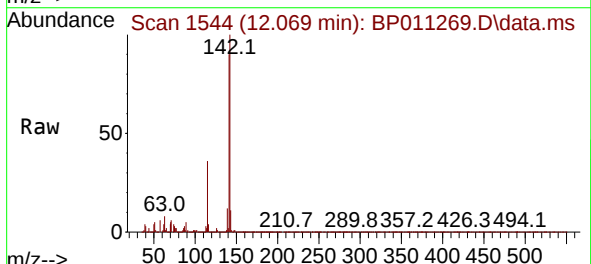
Instrument :
BNA_P
ClientSampleId :

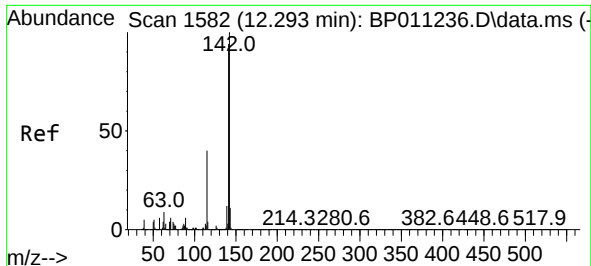
Tgt Ion:107 Resp: 510927
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 75.0 59.8 89.8



#36
2-Methylnaphthalene
Concen: 34.169 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:142 Resp: 1072686
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.8

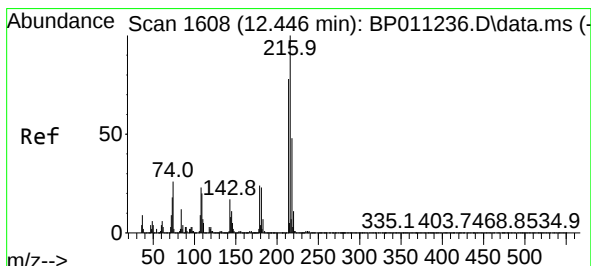
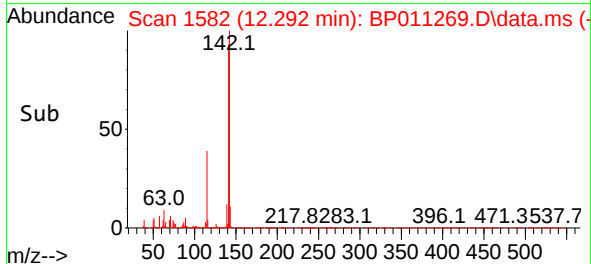
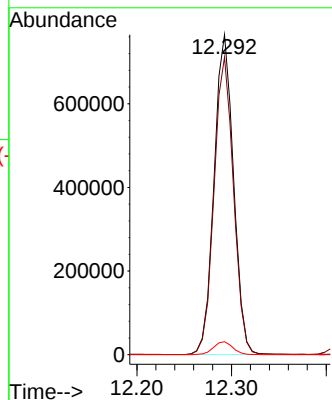
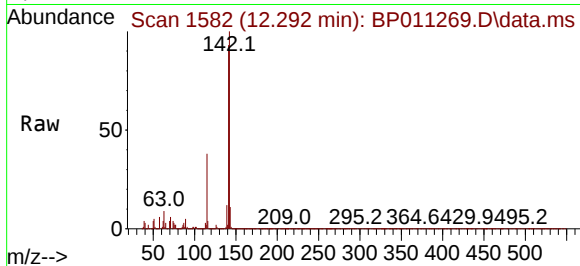




#37
1-Methylnaphthalene
Concen: 34.575 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

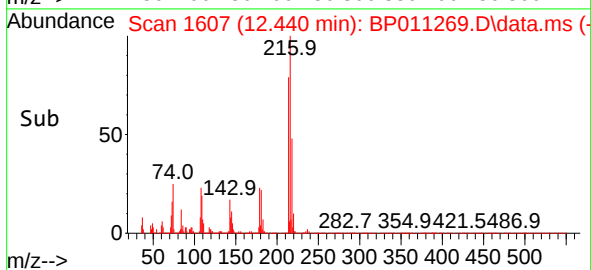
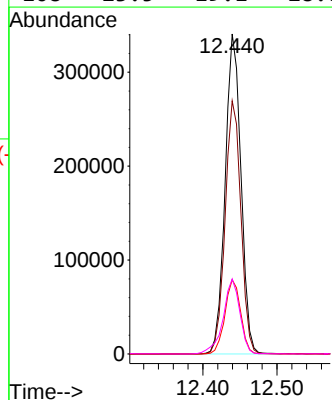
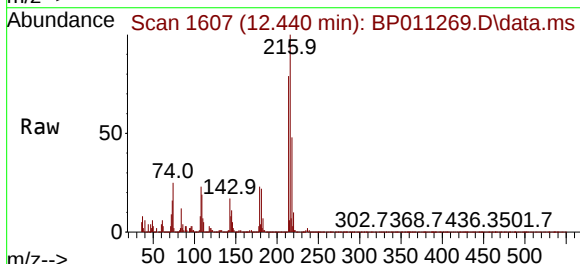
Instrument :
BNA_P
ClientSampleId :

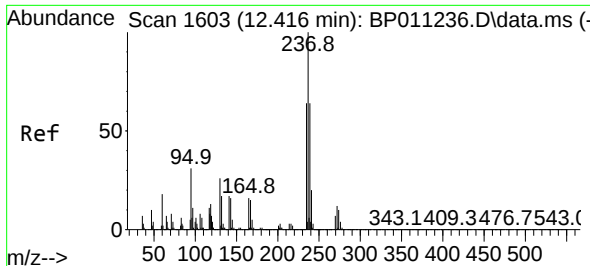
Tgt Ion:142 Resp: 1090347
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1
116 4.0 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.064 ng/ul
RT: 12.440 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:216 Resp: 503628
Ion Ratio Lower Upper
216 100
214 79.1 61.1 91.7
179 23.2 18.6 27.8
108 23.5 19.1 28.7

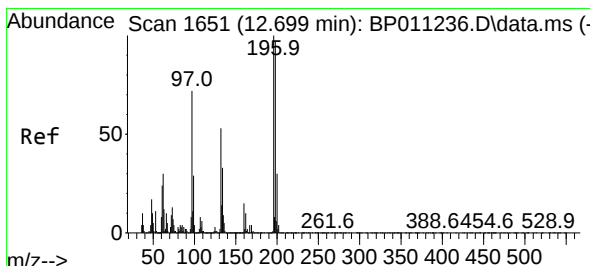
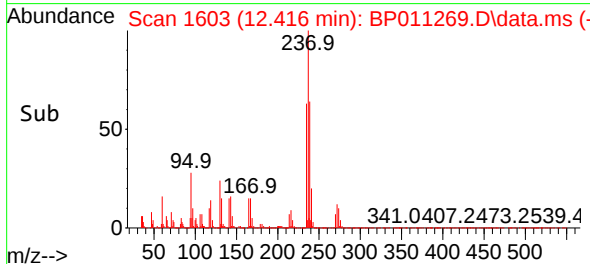
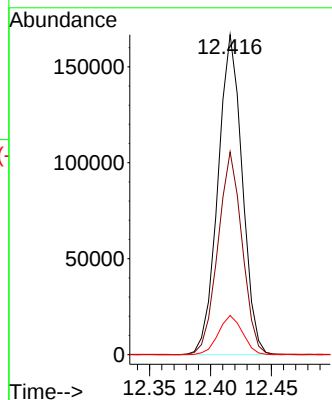
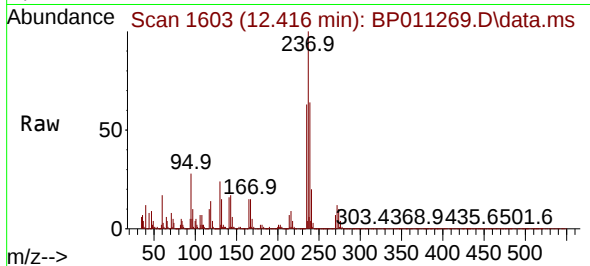




#40
Hexachlorocyclopentadiene
Concen: 22.655 ng/ul
RT: 12.416 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

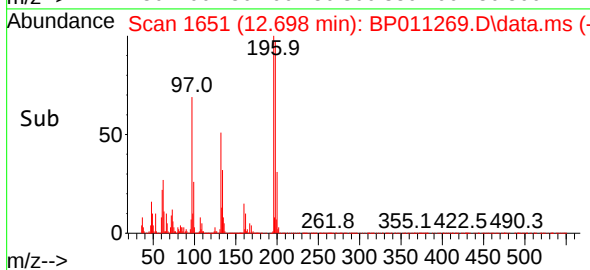
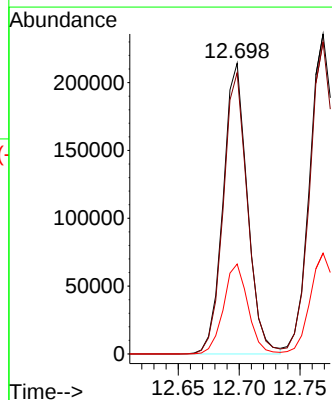
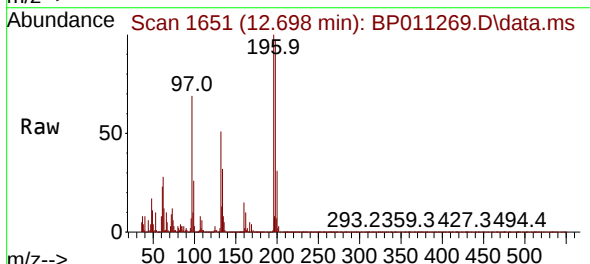
Instrument :
BNA_P
ClientSampleId :

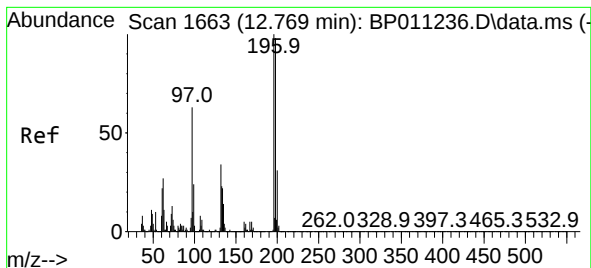
Tgt Ion:237 Resp: 232065
Ion Ratio Lower Upper
237 100
235 63.4 50.4 75.6
272 12.3 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 29.312 ng/ul
RT: 12.698 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:196 Resp: 297713
Ion Ratio Lower Upper
196 100
198 96.8 75.5 113.3
200 30.9 24.4 36.6

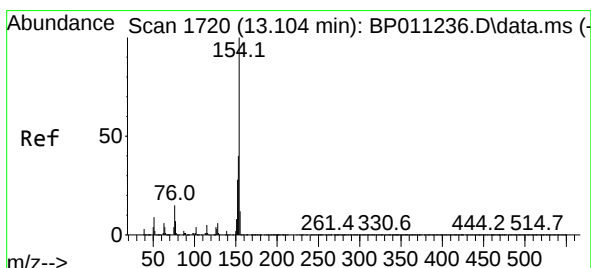
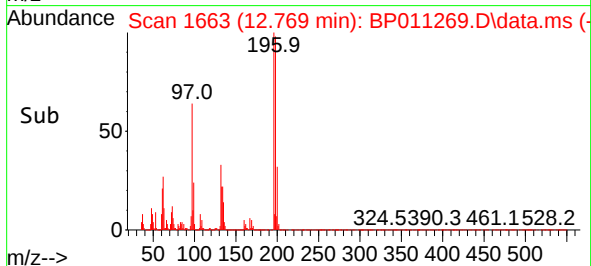
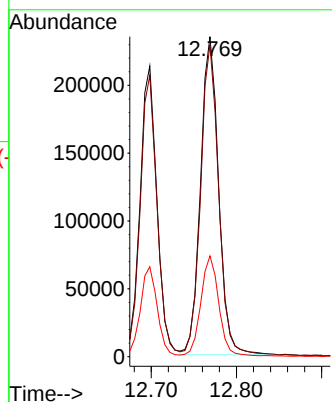
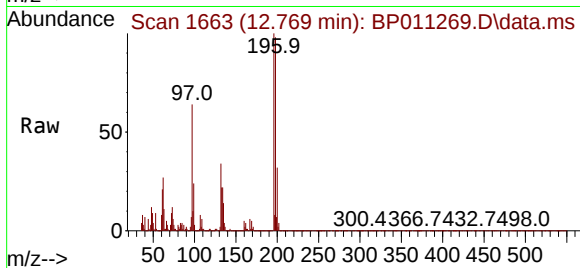




#42
2,4,5-Trichlorophenol
Concen: 31.727 ng/ul
RT: 12.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

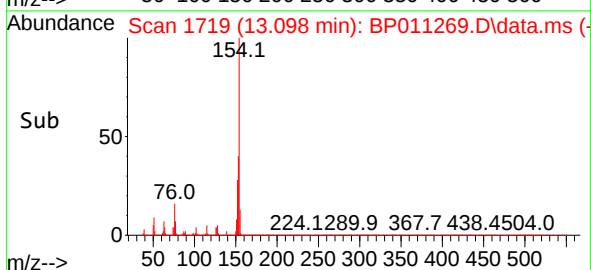
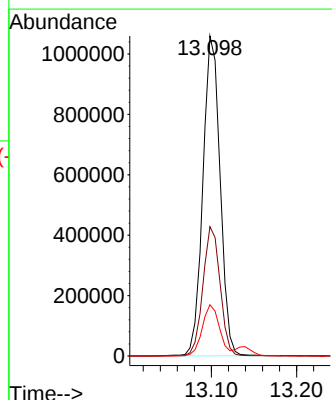
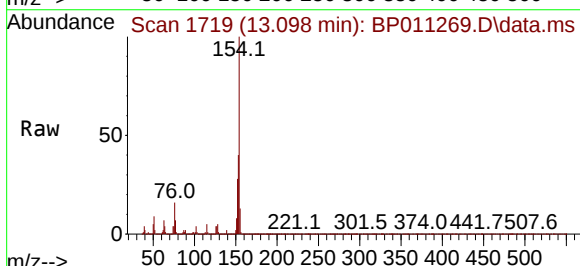
Instrument :
BNA_P
ClientSampleId :

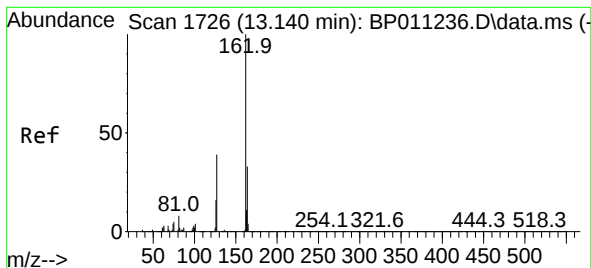
Tgt Ion:196 Resp: 345817
Ion Ratio Lower Upper
196 100
198 97.5 76.8 115.2
200 31.5 25.0 37.6



#43
1,1'-Biphenyl
Concen: 31.408 ng/ul
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:154 Resp: 1486042
Ion Ratio Lower Upper
154 100
153 40.4 31.9 47.9
76 16.0 12.2 18.2





#44

2-Chloronaphthalene

Concen: 31.443 ng/ul

RT: 13.140 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

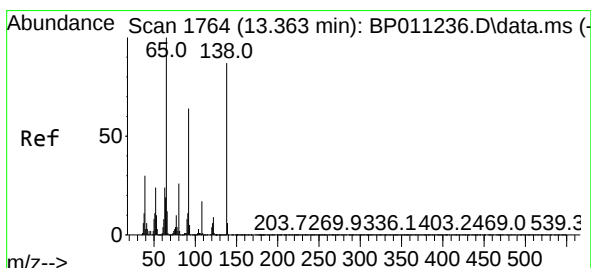
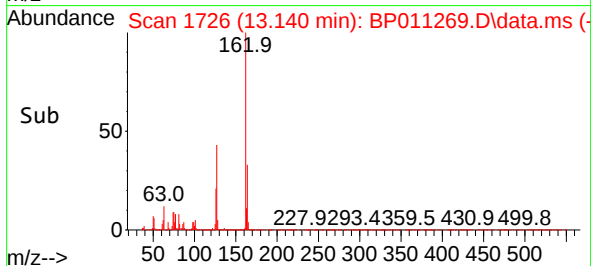
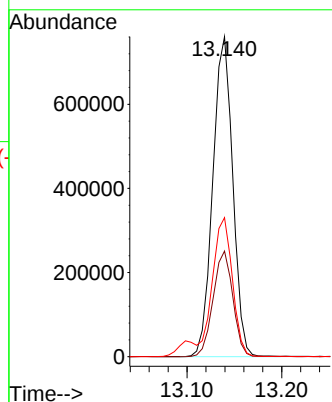
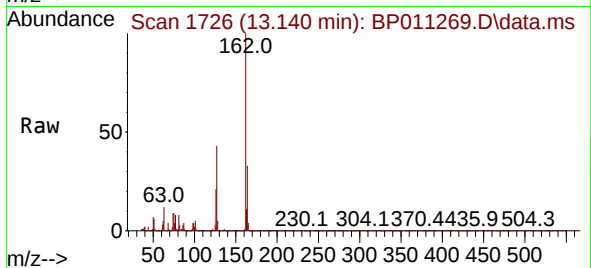
Tgt Ion:162 Resp: 1109800

Ion Ratio Lower Upper

162 100

164 33.0 25.6 38.4

127 43.5 34.6 51.8



#45

2-Nitroaniline

Concen: 30.026 ng/ul

RT: 13.363 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

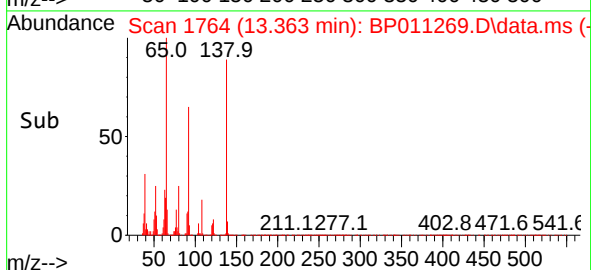
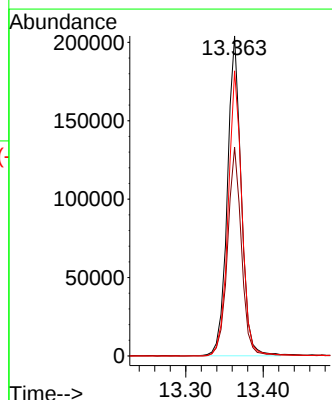
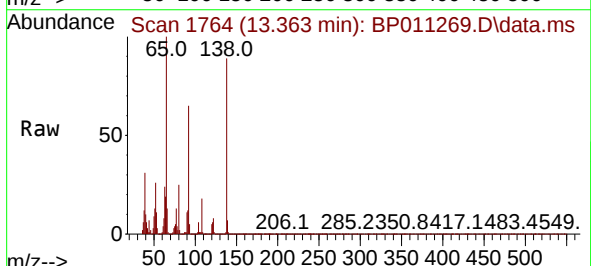
Tgt Ion: 65 Resp: 254920

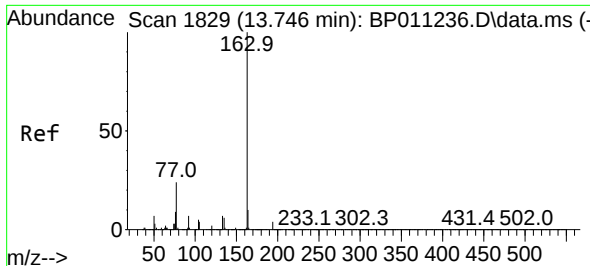
Ion Ratio Lower Upper

65 100

92 65.3 51.4 77.2

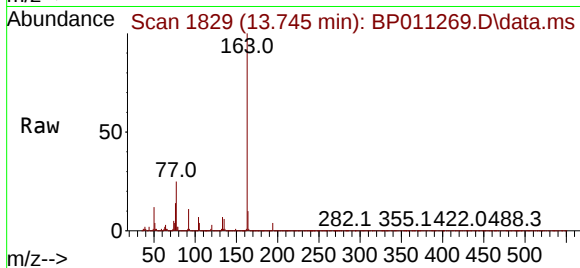
138 89.1 67.4 101.0



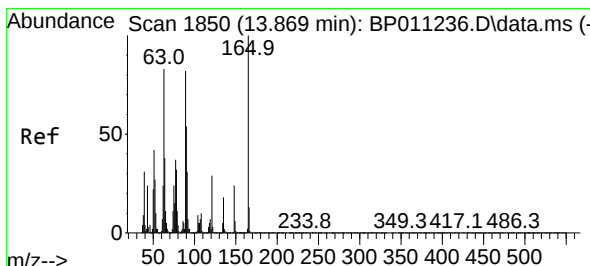
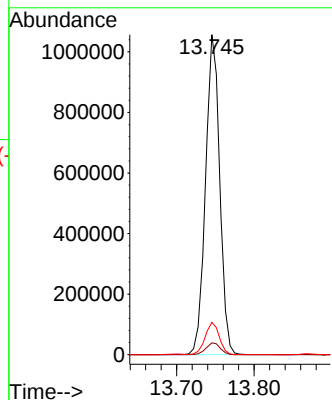
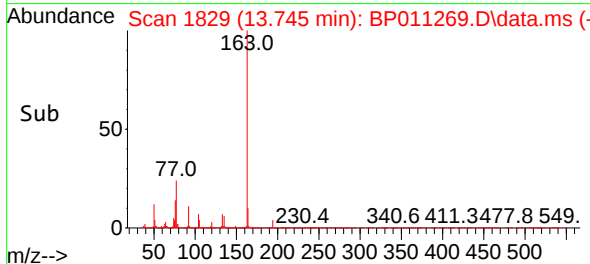


#47
Dimethylphthalate
Concen: 32.680 ng/ul
RT: 13.745 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Instrument :
BNA_P
ClientSampleId :

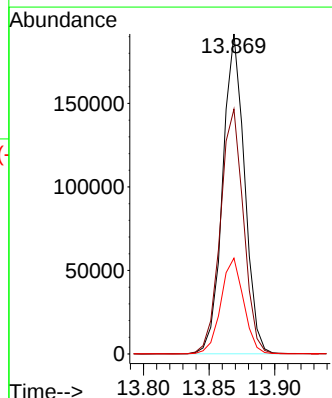
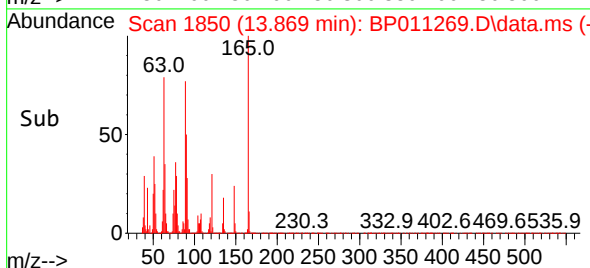
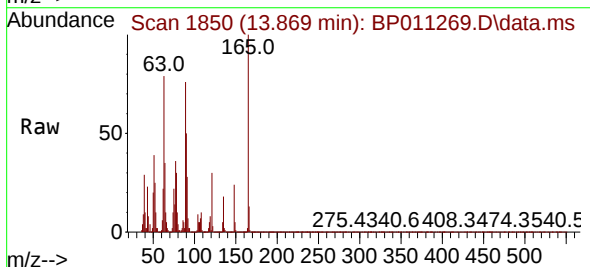


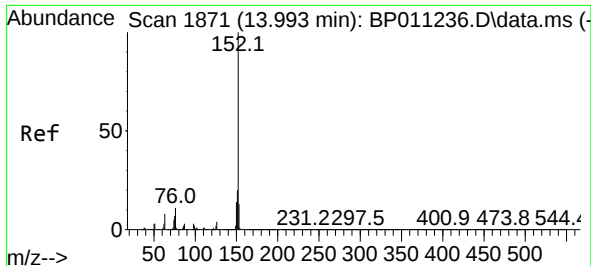
Tgt Ion:163 Resp: 1338576
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 36.065 ng/ul
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:165 Resp: 221743
Ion Ratio Lower Upper
165 100
89 76.5 65.8 98.6
121 29.9 24.2 36.2

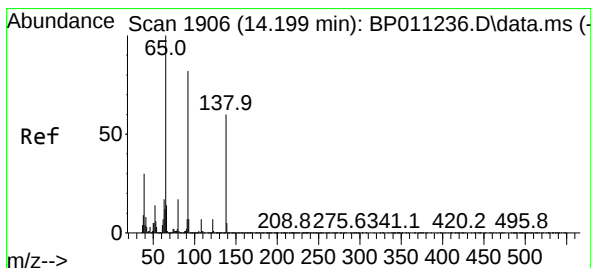
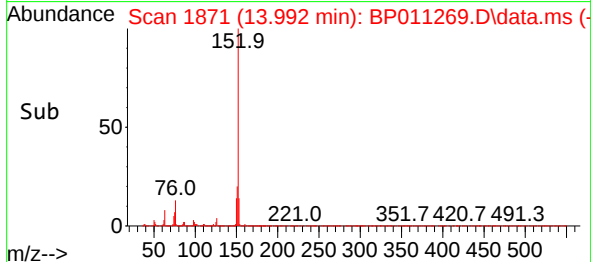
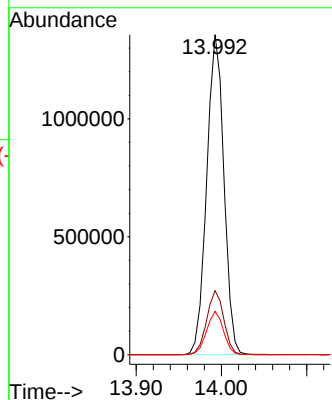
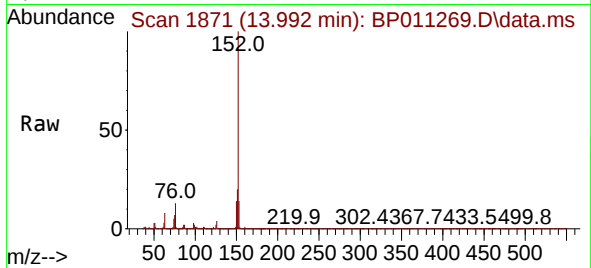




#50
Acenaphthylene
Concen: 32.938 ng/ul
RT: 13.992 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

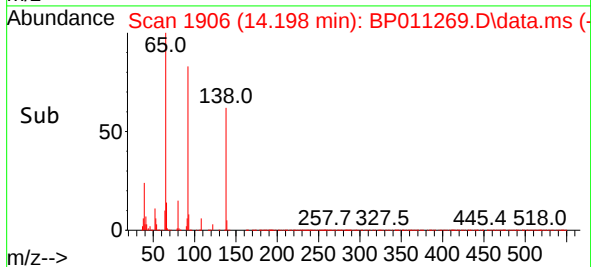
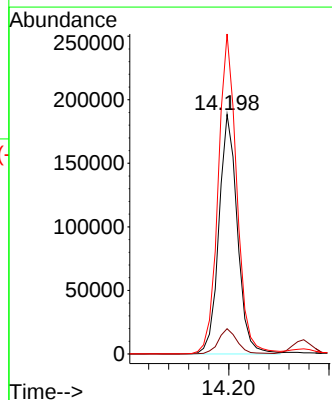
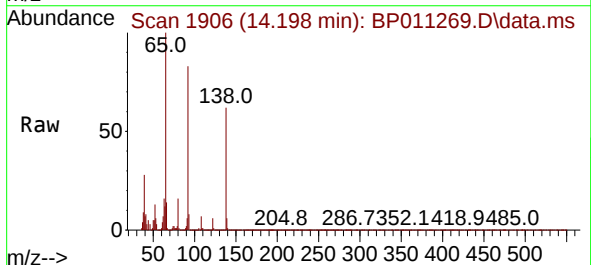
Instrument :
BNA_P
ClientSampleId :

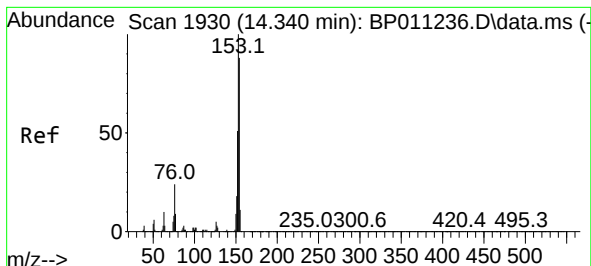
Tgt Ion:152 Resp: 1901304
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.6 10.5 15.7



#51
3-Nitroaniline
Concen: 35.417 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:138 Resp: 240184
Ion Ratio Lower Upper
138 100
108 10.6 9.9 14.9
92 133.6 106.8 160.2





#52

Acenaphthene

Concen: 32.848 ng/ul

RT: 14.339 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

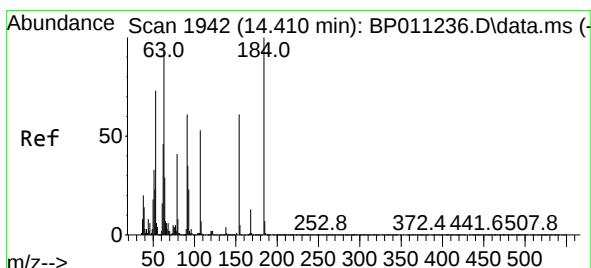
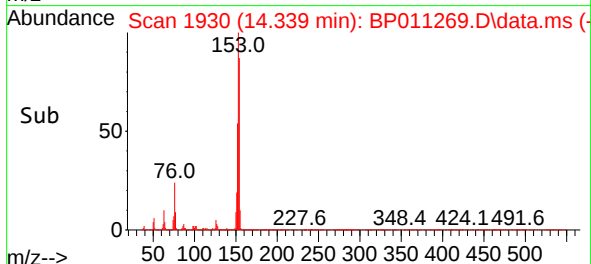
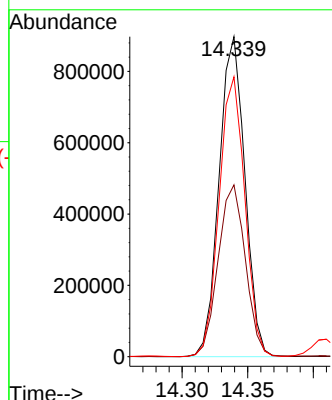
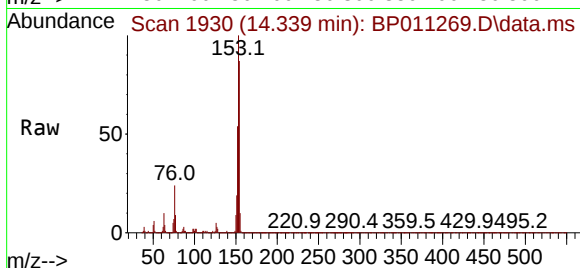
Tgt Ion:153 Resp: 1226454

Ion Ratio Lower Upper

153 100

152 53.7 39.5 59.3

154 87.4 68.6 103.0



#53

2,4-Dinitrophenol

Concen: 28.209 ng/ul

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

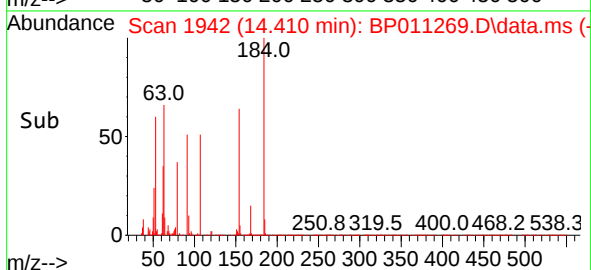
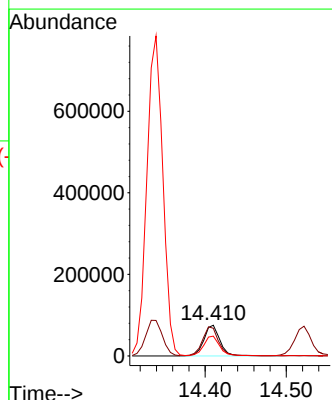
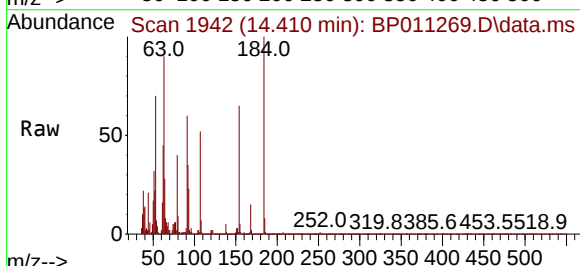
Tgt Ion:184 Resp: 102997

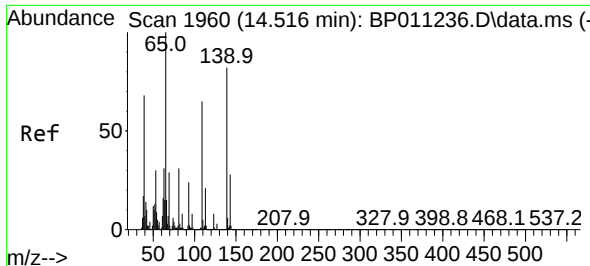
Ion Ratio Lower Upper

184 100

63 90.1 75.0 112.6

154 64.7 53.1 79.7

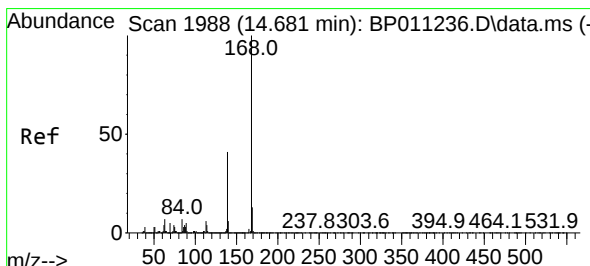
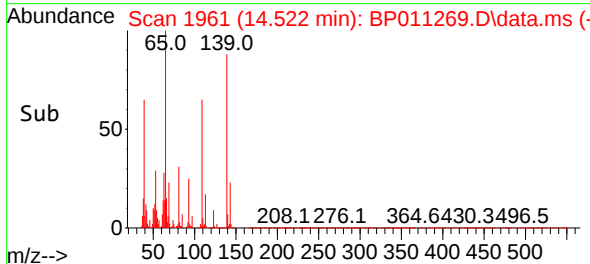
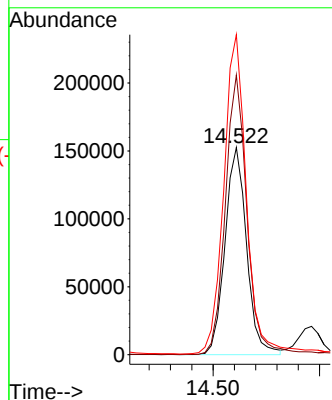
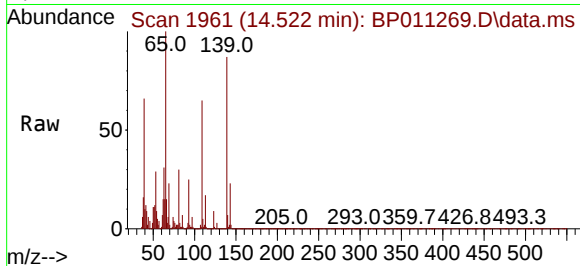




#55
4-Nitrophenol
Concen: 34.484 ng/ul
RT: 14.522 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

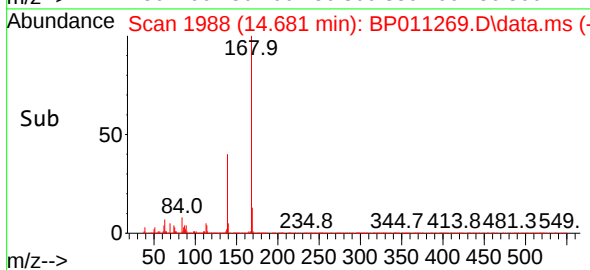
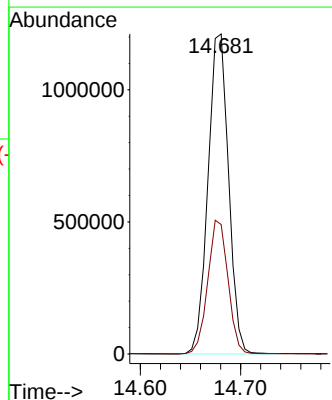
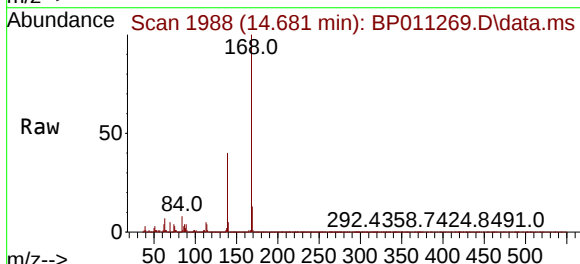
Instrument :
BNA_P
ClientSampleId :

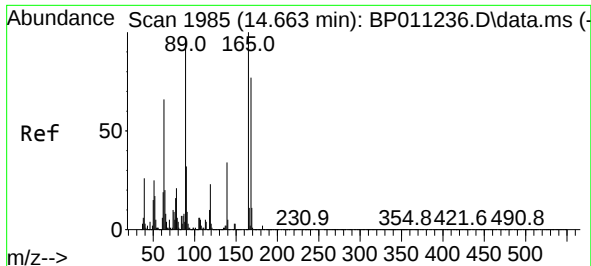
Tgt Ion:109 Resp: 214864
Ion Ratio Lower Upper
109 100
139 134.9 100.6 150.8
65 154.4 122.6 184.0



#56
Dibenzofuran
Concen: 33.839 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:168 Resp: 1729023
Ion Ratio Lower Upper
168 100
139 40.4 34.2 51.2

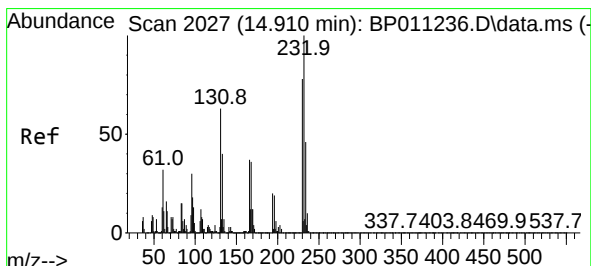
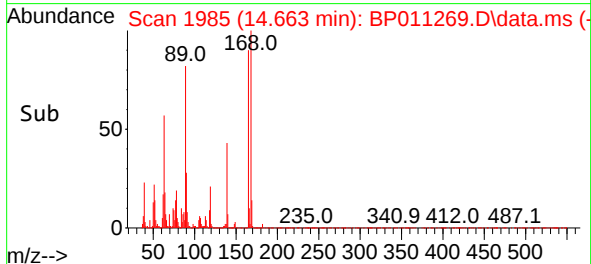
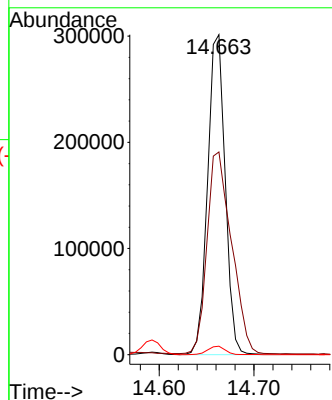
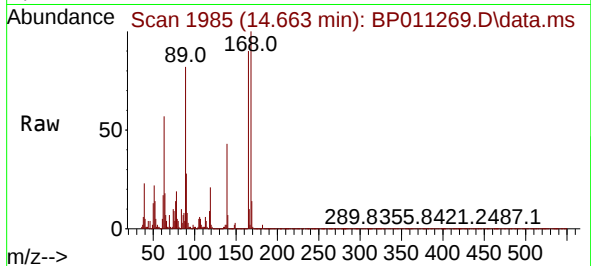




#57
2,4-Dinitrotoluene
Concen: 39.979 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

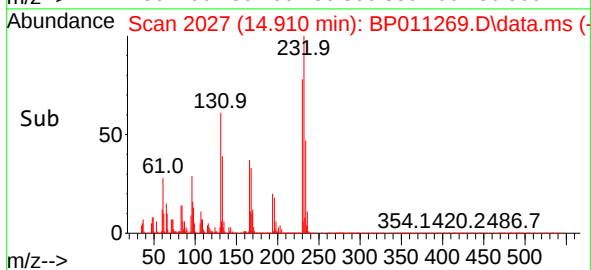
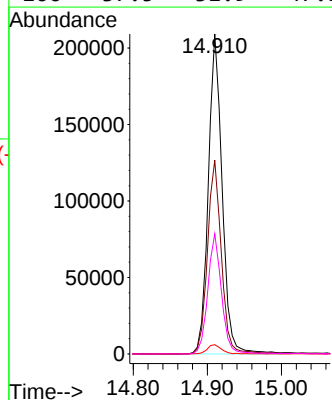
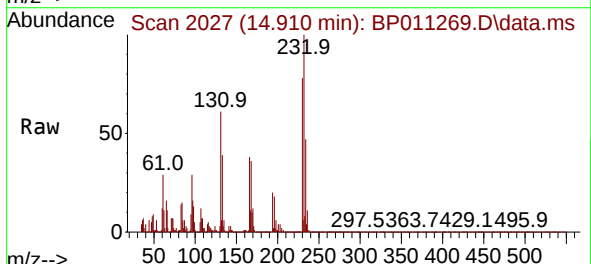
Instrument :
BNA_P
ClientSampleId :

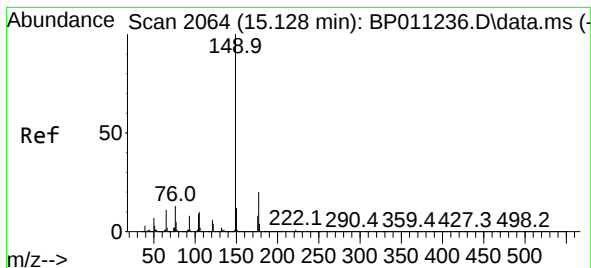
Tgt Ion:165 Resp: 387116
Ion Ratio Lower Upper
165 100
63 63.4 50.6 75.8
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.071 ng/ul
RT: 14.910 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:232 Resp: 272185
Ion Ratio Lower Upper
232 100
131 60.6 50.4 75.6
130 2.9 2.6 3.8
166 37.5 31.9 47.9





#59

Diethylphthalate

Concen: 30.974 ng/ul

RT: 15.128 min Scan# 2064

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

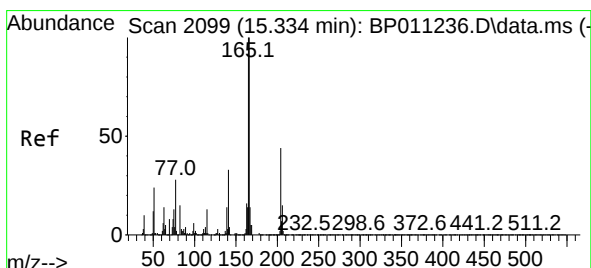
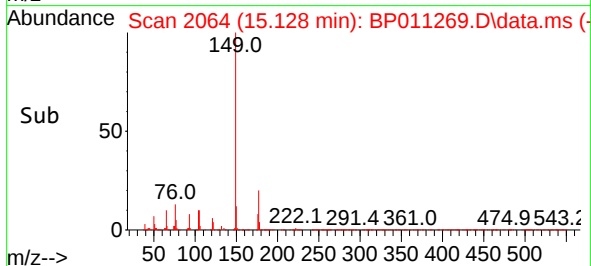
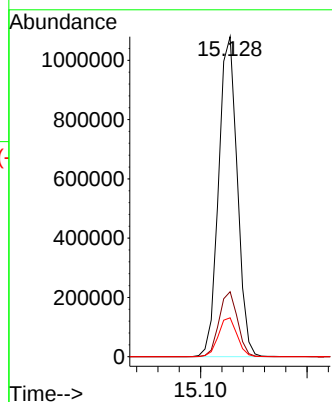
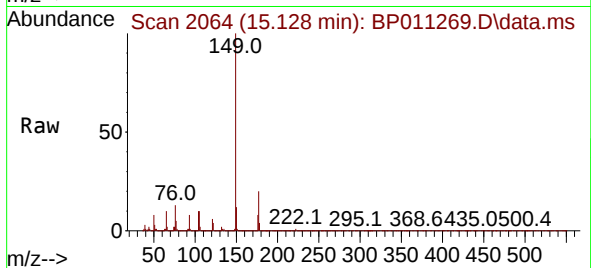
Tgt Ion:149 Resp: 1309329

Ion Ratio Lower Upper

149 100

177 20.3 16.1 24.1

150 12.1 9.4 14.0



#61

Fluorene

Concen: 34.727 ng/ul

RT: 15.334 min Scan# 2099

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

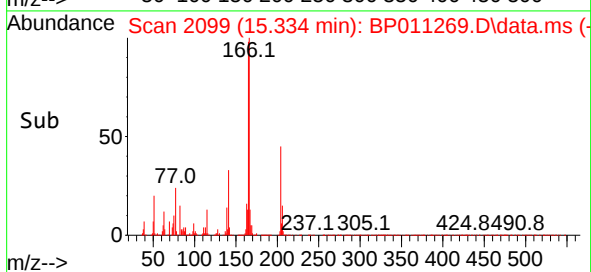
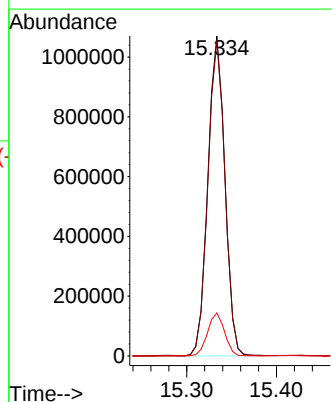
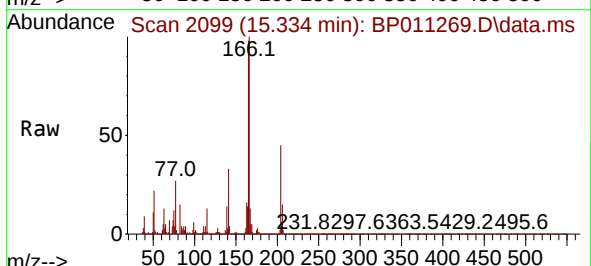
Tgt Ion:166 Resp: 1413787

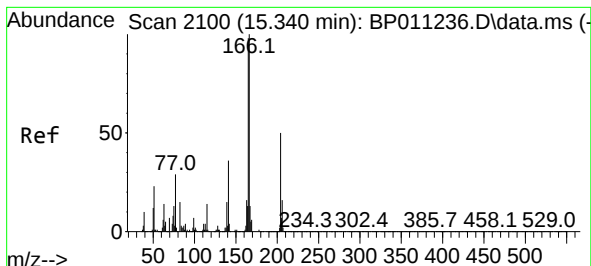
Ion Ratio Lower Upper

166 100

165 98.3 77.7 116.5

167 13.4 11.0 16.4

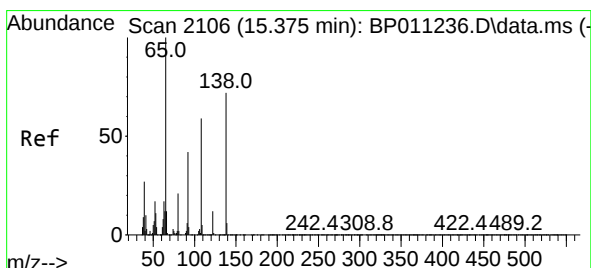
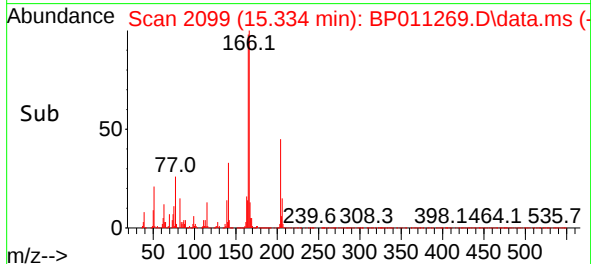
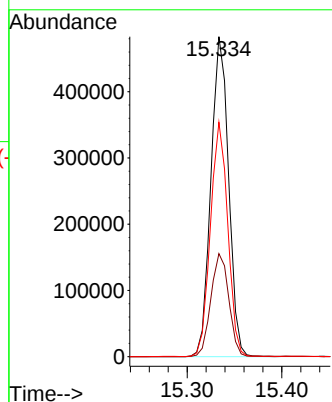
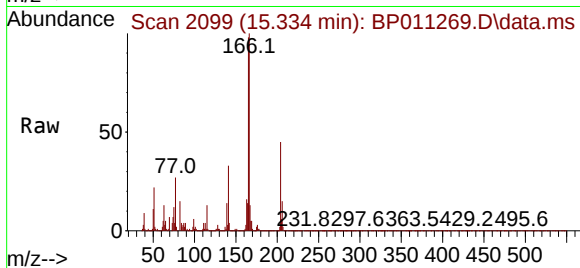




#62
4-Chlorophenyl-phenylether
Concen: 34.759 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

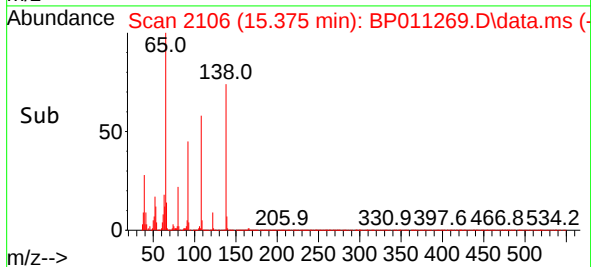
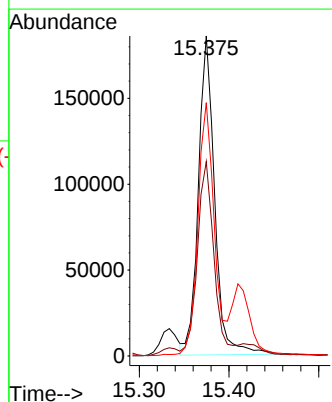
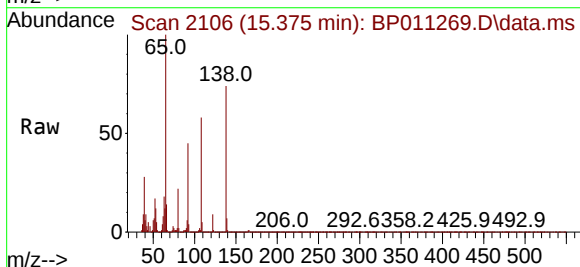
Instrument :
BNA_P
ClientSampleId :

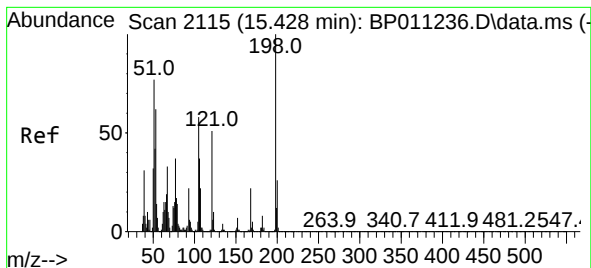
Tgt Ion:204 Resp: 624897
Ion Ratio Lower Upper
204 100
206 32.2 27.3 40.9
141 73.2 57.7 86.5



#63
4-Nitroaniline
Concen: 41.293 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:138 Resp: 234308
Ion Ratio Lower Upper
138 100
92 60.7 55.9 83.9
108 79.1 67.1 100.7

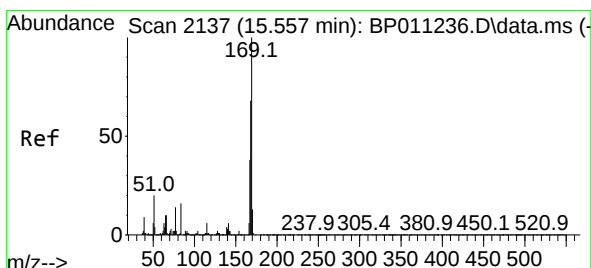
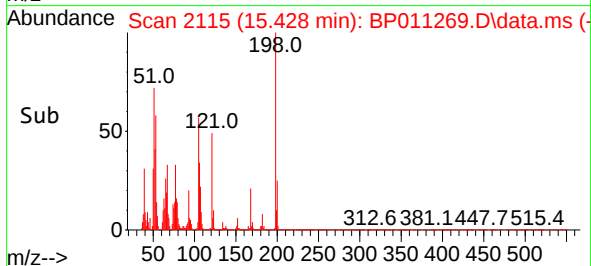
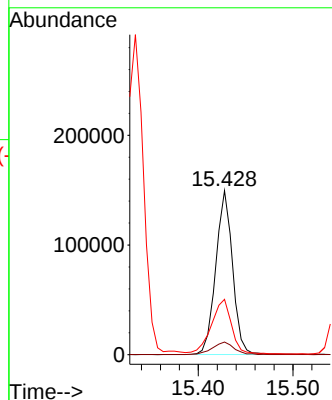
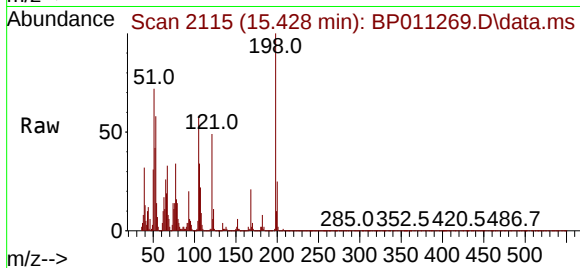




#66
 4,6-Dinitro-2-methylphenol
 Concen: 32.816 ng/ul
 RT: 15.428 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: BP011269.D
 Acq: 04 Aug 2022 17:49

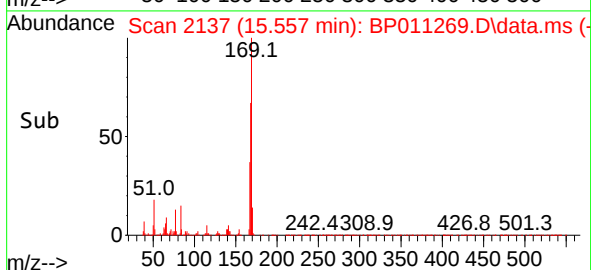
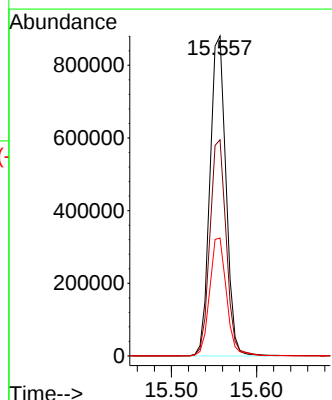
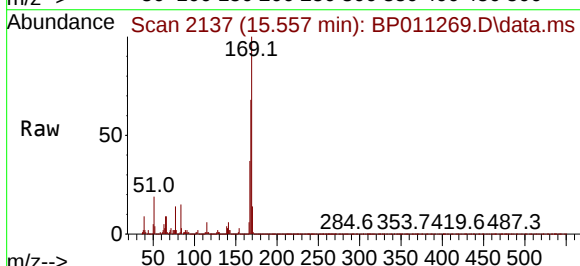
Instrument :
 BNA_P
 ClientSampleId :

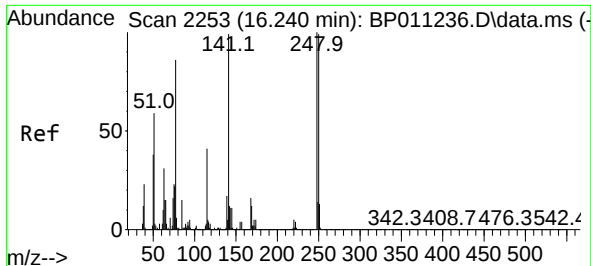
Tgt Ion:198 Resp: 184218
 Ion Ratio Lower Upper
 198 100
 182 7.7 7.4 11.0
 77 33.8 28.6 42.8



#67
 N-Nitrosodiphenylamine
 Concen: 33.720 ng/ul
 RT: 15.557 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: BP011269.D
 Acq: 04 Aug 2022 17:49

Tgt Ion:169 Resp: 1152320
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.6 80.4
 167 36.8 30.0 45.0

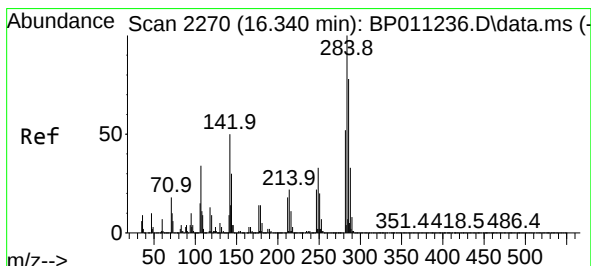
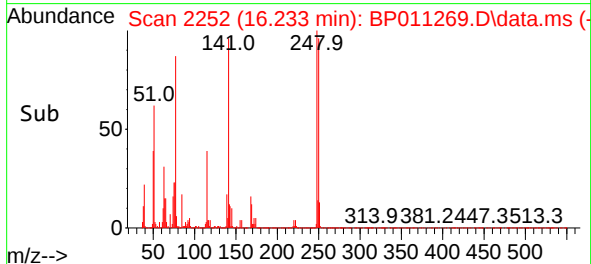
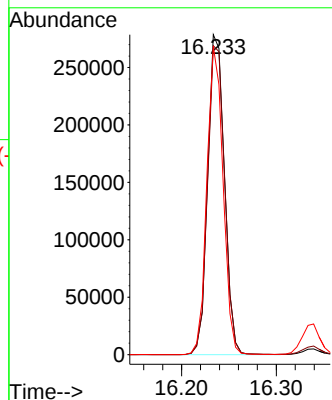
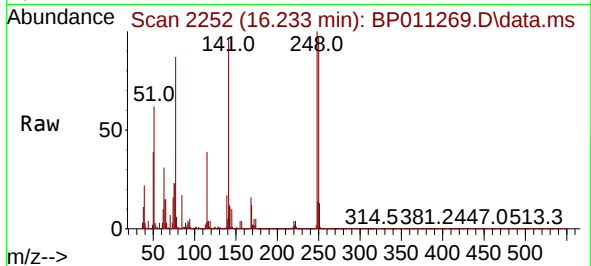




#68
4-Bromophenyl-phenylether
Concen: 32.485 ng/ul
RT: 16.233 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

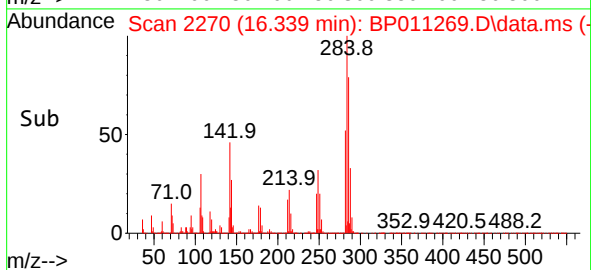
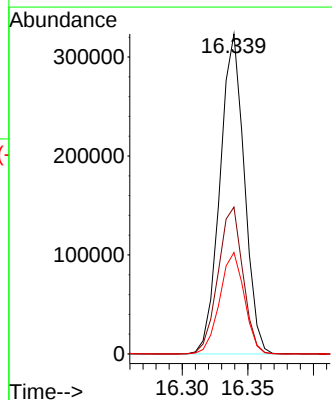
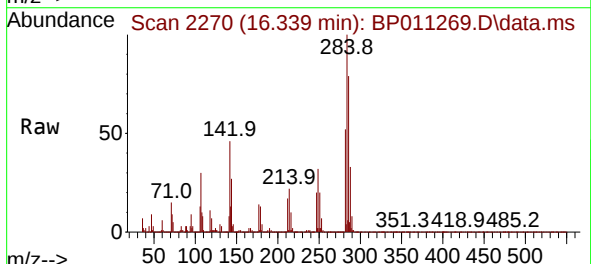
Instrument :
BNA_P
ClientSampleId :

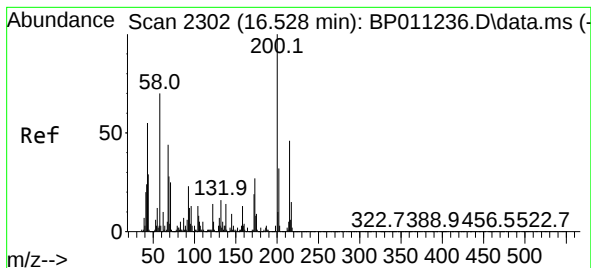
Tgt Ion:248 Resp: 342611
Ion Ratio Lower Upper
248 100
250 96.5 77.3 115.9
141 96.4 76.4 114.6



#69
Hexachlorobenzene
Concen: 33.856 ng/ul
RT: 16.339 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:284 Resp: 417102
Ion Ratio Lower Upper
284 100
142 45.9 39.5 59.3
249 31.7 25.1 37.7





#70

Atrazine

Concen: 28.331 ng/ul

RT: 16.528 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

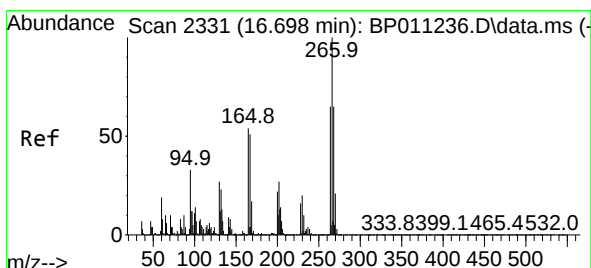
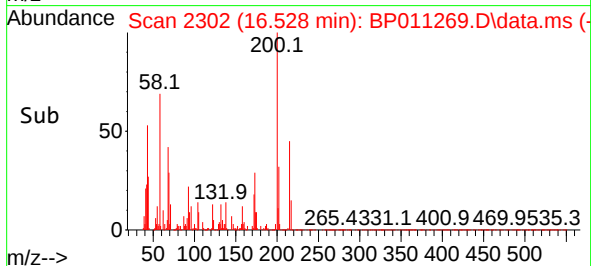
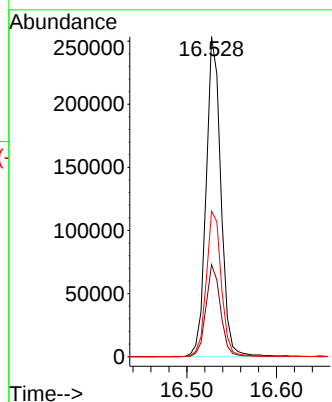
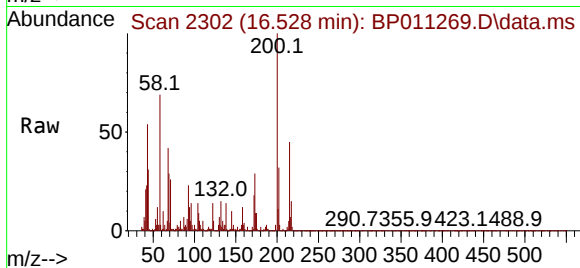
Tgt Ion:200 Resp: 289613

Ion Ratio Lower Upper

200 100

173 28.7 22.6 34.0

215 45.5 36.5 54.7



#71

Pentachlorophenol

Concen: 31.700 ng/ul

RT: 16.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

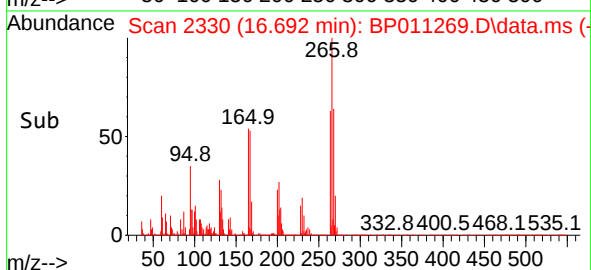
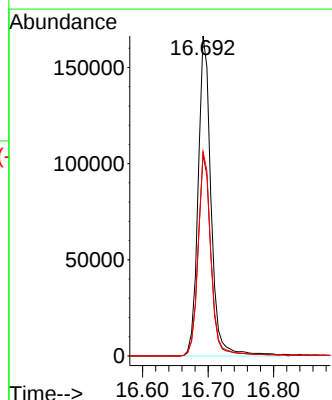
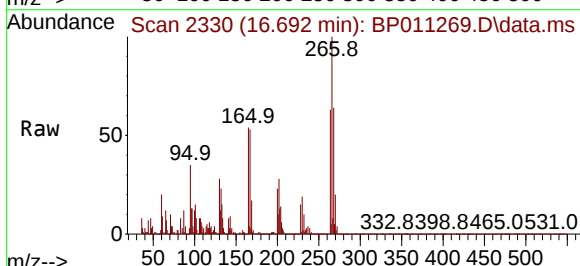
Tgt Ion:266 Resp: 228739

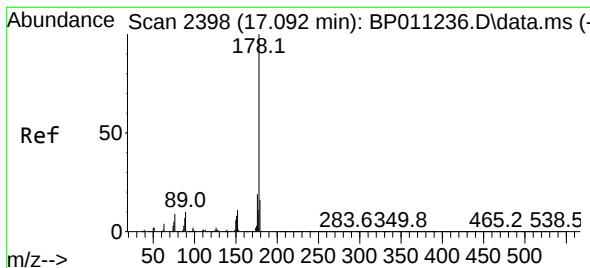
Ion Ratio Lower Upper

266 100

264 63.0 52.2 78.2

268 63.9 50.6 75.8





#72

Phenanthrene

Concen: 34.721 ng/ul

RT: 17.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

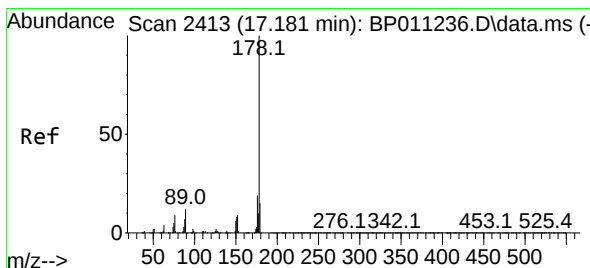
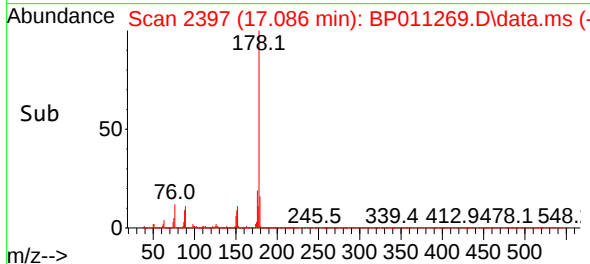
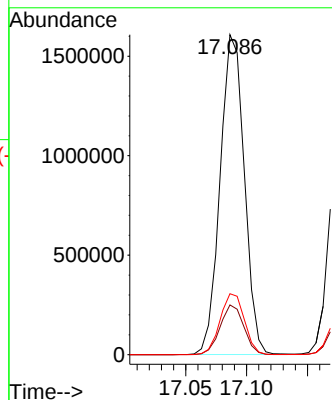
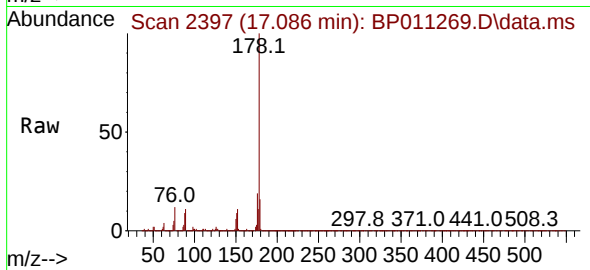
Tgt Ion:178 Resp: 2222479

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 19.0 15.4 23.2



#74

Anthracene

Concen: 34.481 ng/ul

RT: 17.180 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

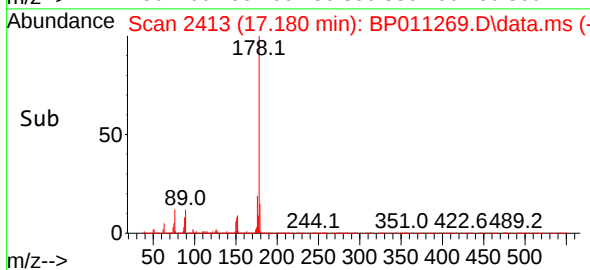
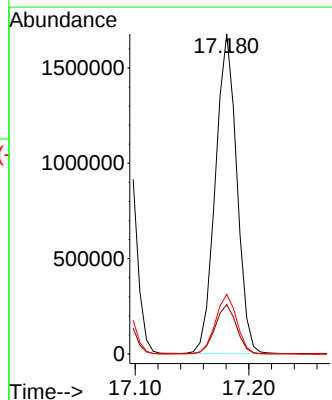
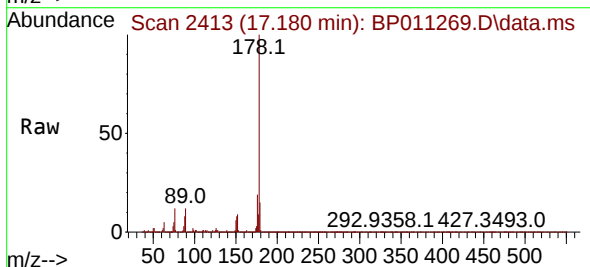
Tgt Ion:178 Resp: 2195051

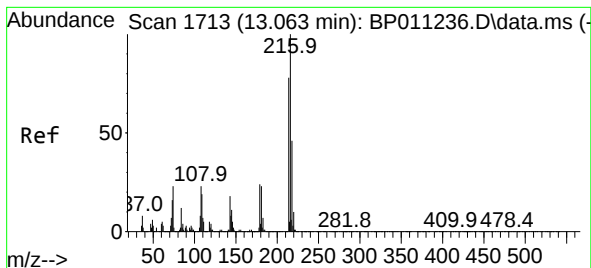
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.6 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 27.223 ng/uL

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

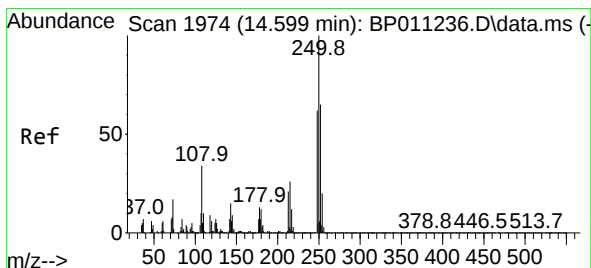
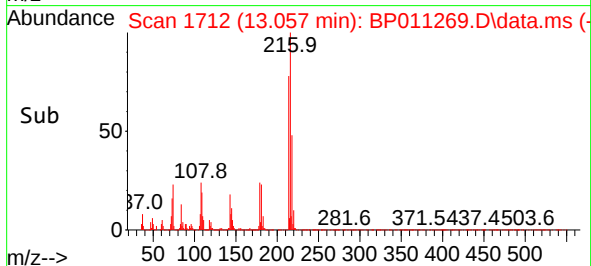
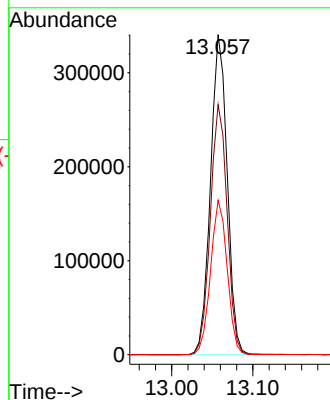
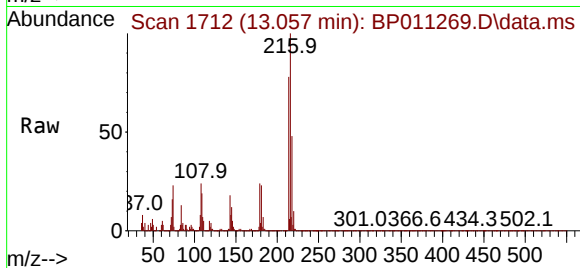
Tgt Ion:216 Resp: 487064

Ion Ratio Lower Upper

216 100

214 78.1 62.0 93.0

218 48.3 38.2 57.4



#76

Pentachlorobenzene

Concen: 32.920 ng/uL

RT: 14.592 min Scan# 1973

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

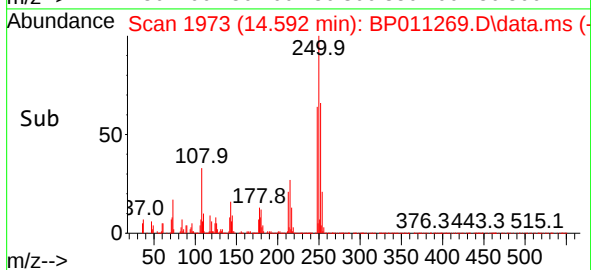
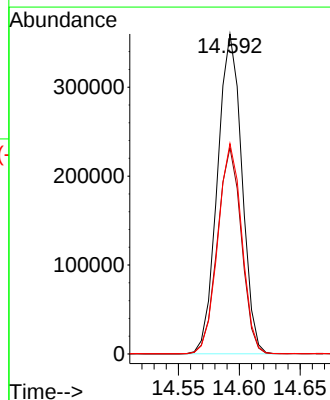
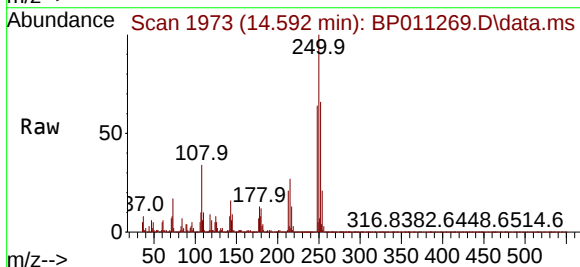
Tgt Ion:250 Resp: 502094

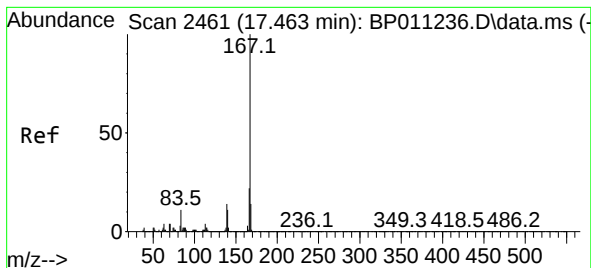
Ion Ratio Lower Upper

250 100

248 64.4 49.2 73.8

252 65.8 50.8 76.2





#77

Carbazole

Concen: 35.539 ng/ul

RT: 17.463 min Scan# 2461

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

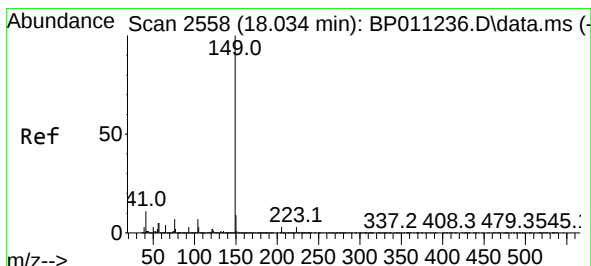
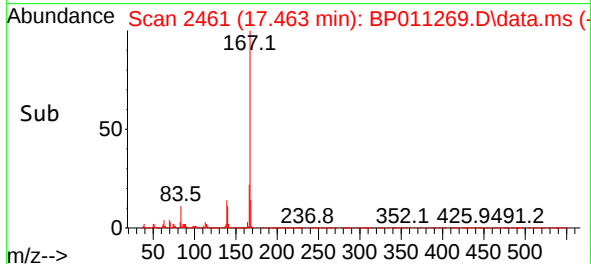
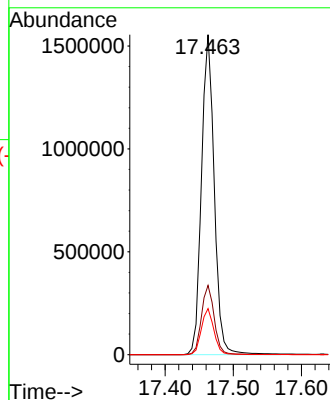
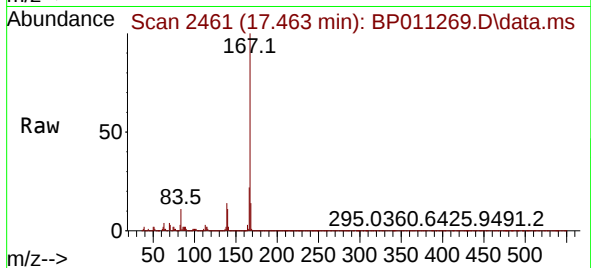
Tgt Ion:167 Resp: 2029103

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 14.4 11.5 17.3



#78

Di-n-butylphthalate

Concen: 27.841 ng/ul

RT: 18.033 min Scan# 2558

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

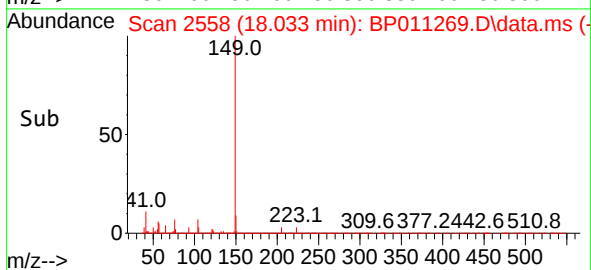
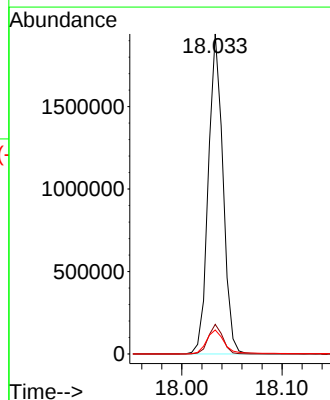
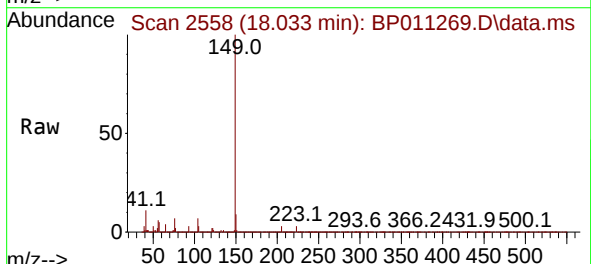
Tgt Ion:149 Resp: 1971793

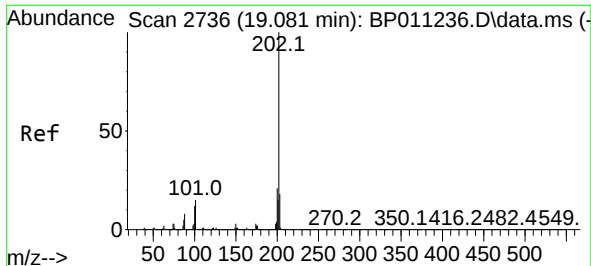
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 7.5 5.1 7.7

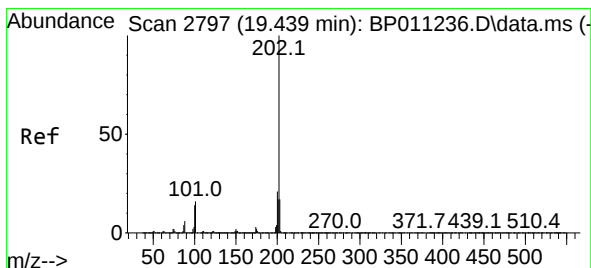
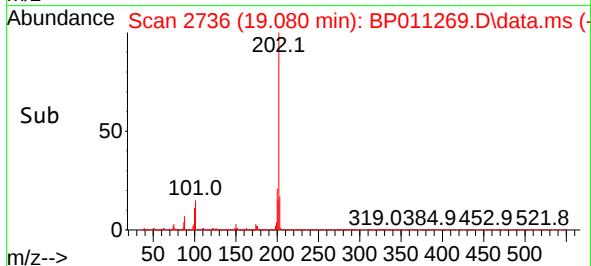
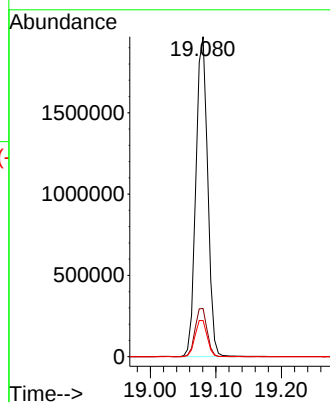
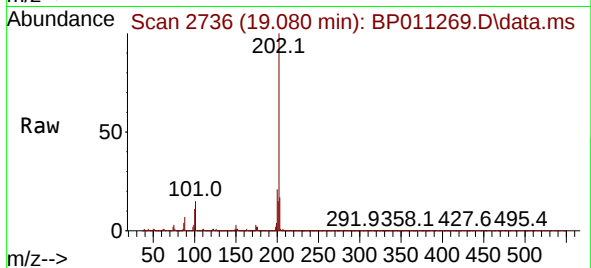




#80
Fluoranthene
Concen: 32.415 ng/ul
RT: 19.080 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

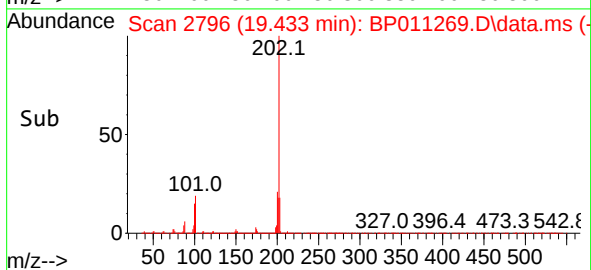
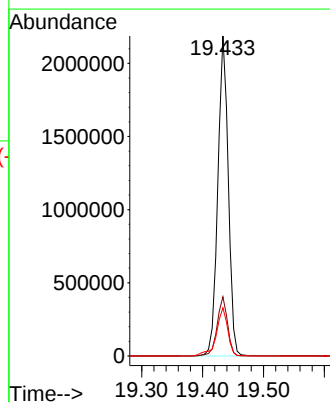
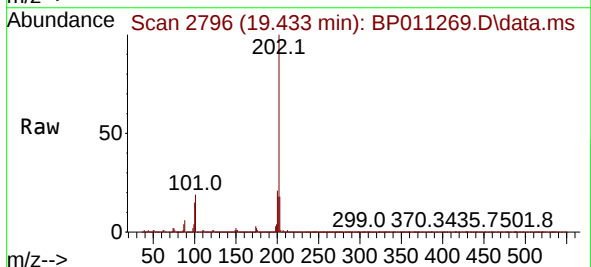
Instrument :
BNA_P
ClientSampleId :

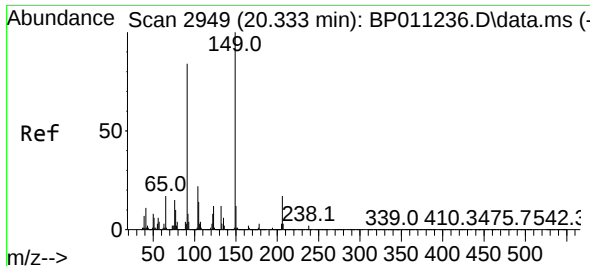
Tgt Ion:202 Resp: 2469489
Ion Ratio Lower Upper
202 100
101 15.1 11.9 17.9
100 11.3 9.3 13.9



#82
Pyrene
Concen: 32.633 ng/ul
RT: 19.433 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:202 Resp: 2594260
Ion Ratio Lower Upper
202 100
101 18.5 14.3 21.5
100 15.1 11.8 17.6

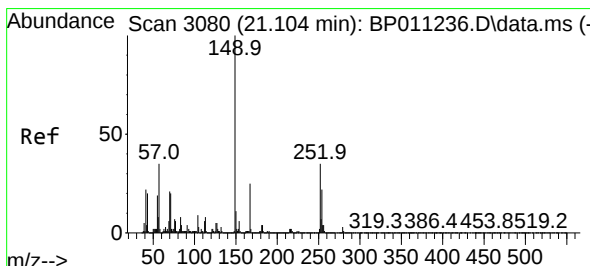
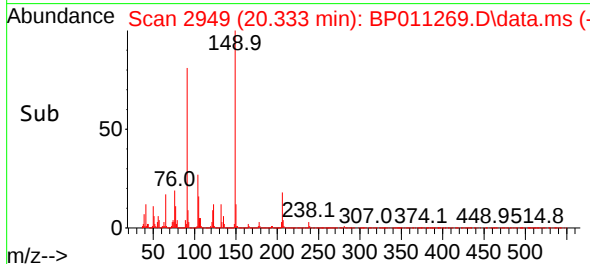
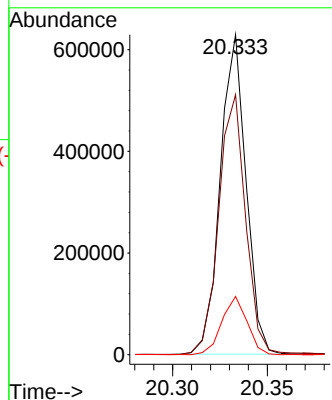
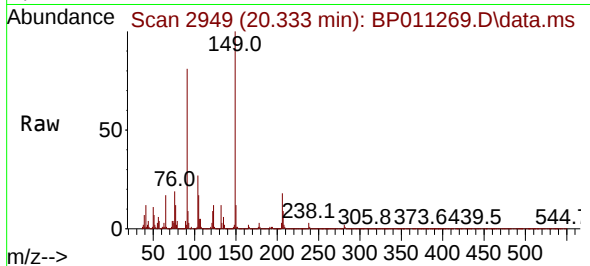




#83
Butylbenzylphthalate
Concen: 19.565 ng/ul
RT: 20.333 min Scan# 2949
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

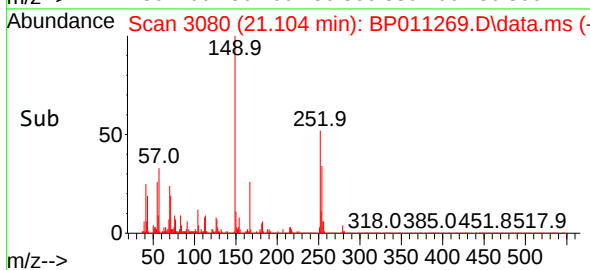
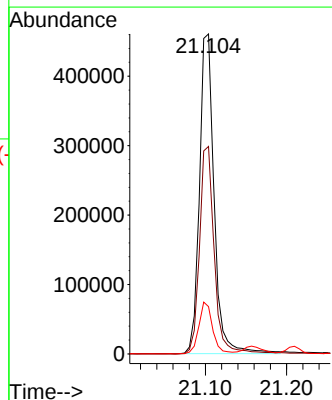
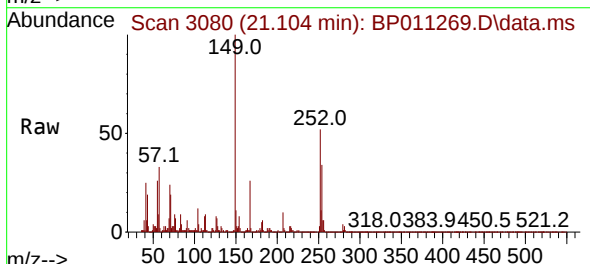
Instrument :
BNA_P
ClientSampleId :

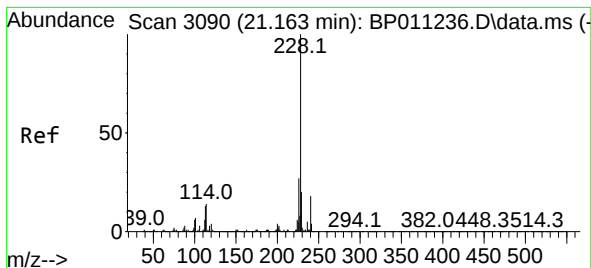
Tgt Ion:149 Resp: 593924
Ion Ratio Lower Upper
149 100
91 81.2 64.2 96.4
206 18.2 14.0 21.0



#84
3,3'-Dichlorobenzidine
Concen: 28.789 ng/ul
RT: 21.104 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:252 Resp: 580110
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 14.8 11.4 17.0





#85

Benzo(a)anthracene

Concen: 32.606 ng/ul

RT: 21.157 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

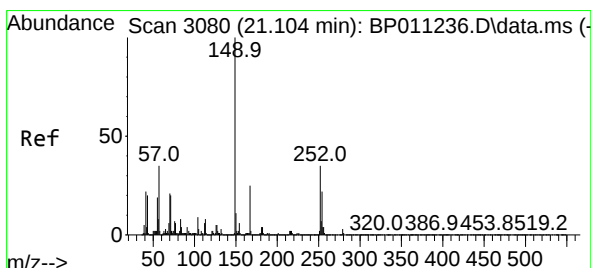
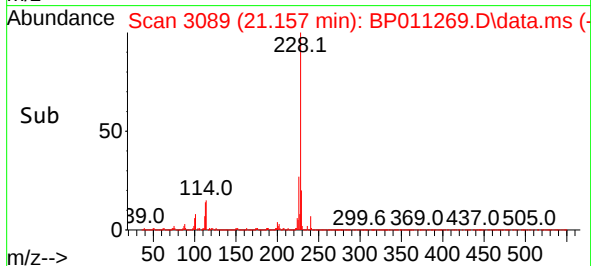
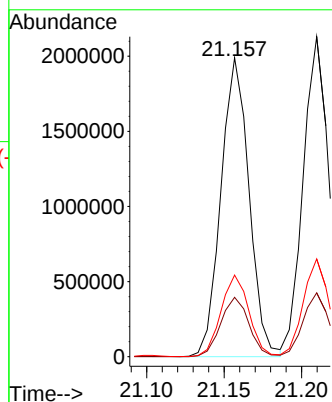
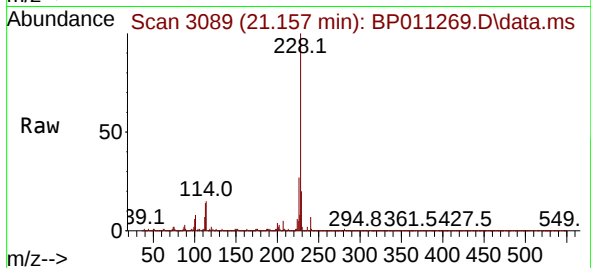
Tgt Ion:228 Resp: 2510724

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 27.3 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.040 ng/ul

RT: 21.098 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

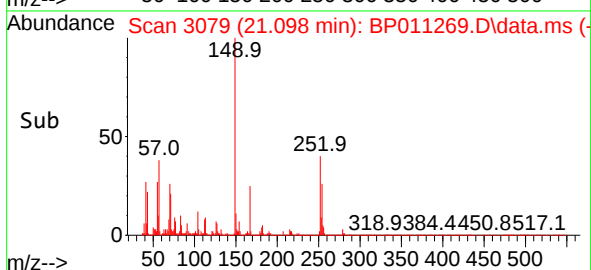
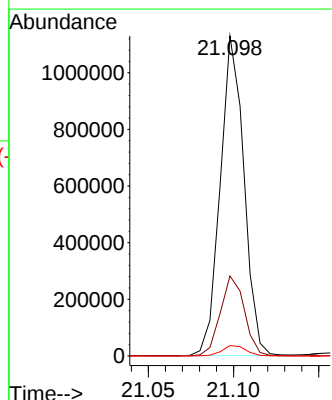
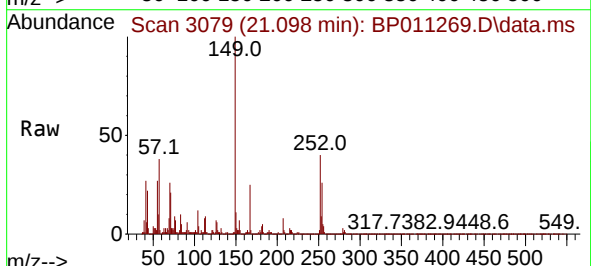
Tgt Ion:149 Resp: 1091268

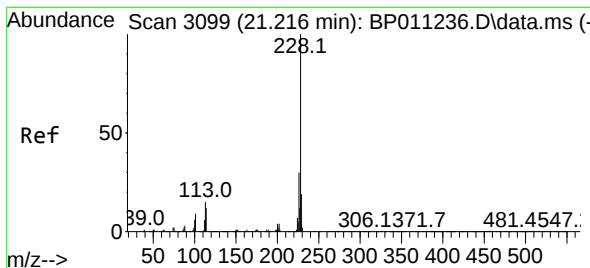
Ion Ratio Lower Upper

149 100

167 25.0 20.4 30.6

279 3.3 2.9 4.3





#87

Chrysene

Concen: 32.380 ng/ul

RT: 21.210 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

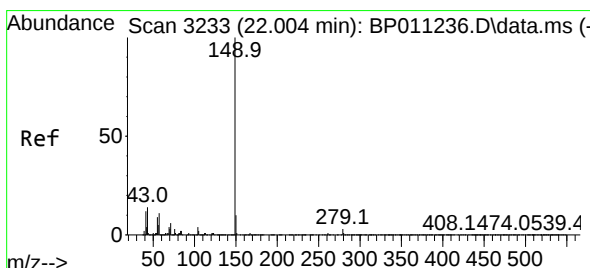
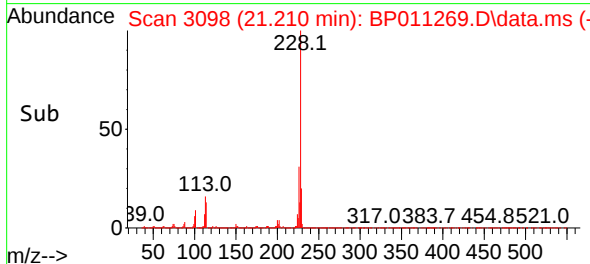
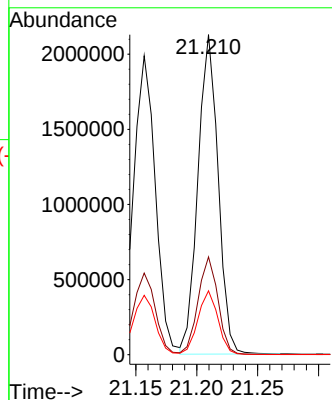
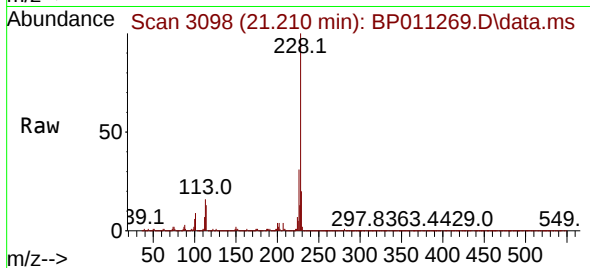
Tgt Ion:228 Resp: 2454126

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

229 20.0 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 23.602 ng/ul

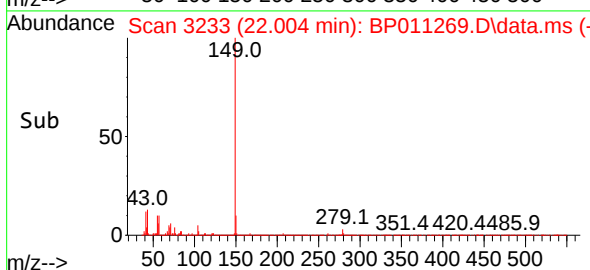
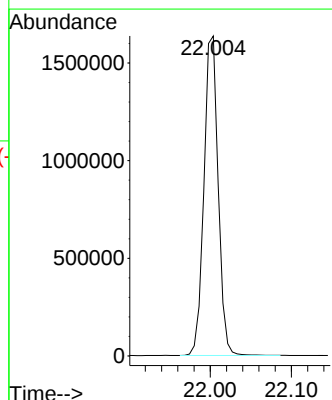
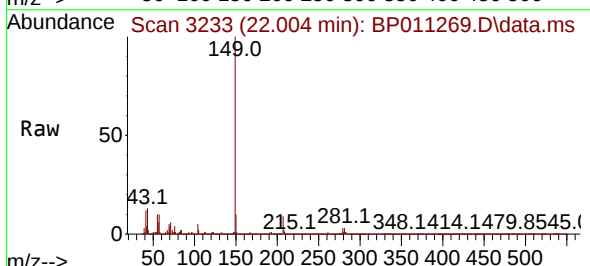
RT: 22.004 min Scan# 3233

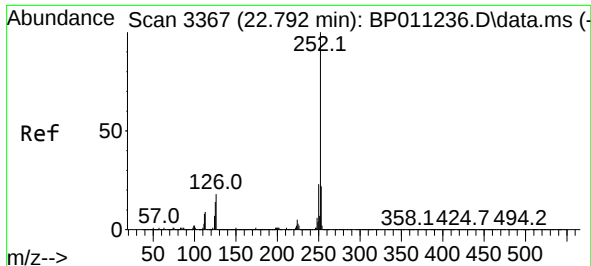
Delta R.T. -0.000 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Tgt Ion:149 Resp: 1989235

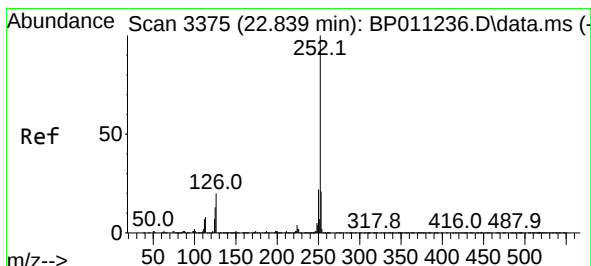
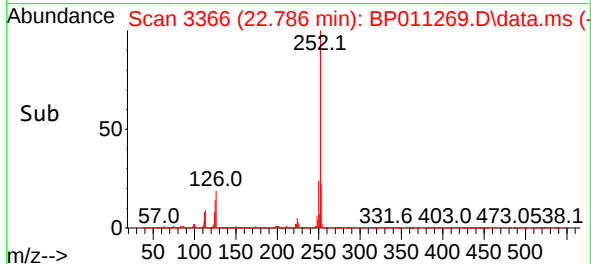
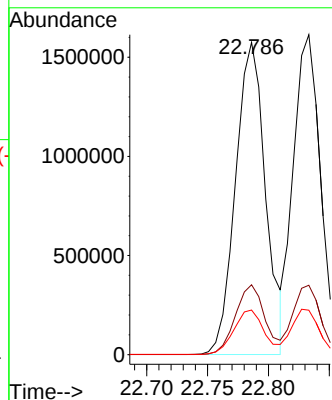
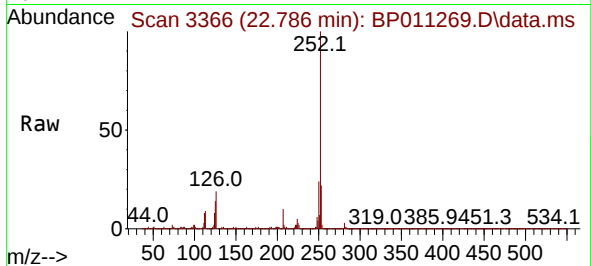




#90
Benzo(b)fluoranthene
Concen: 34.251 ng/ul
RT: 22.786 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

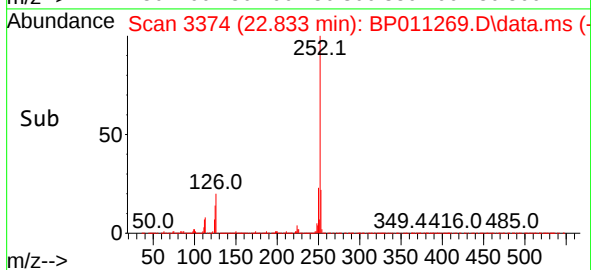
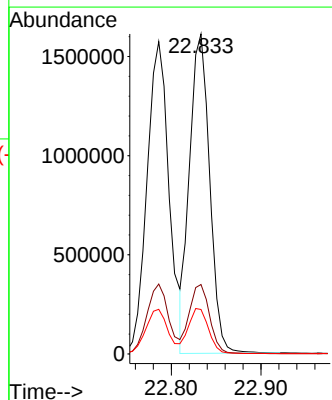
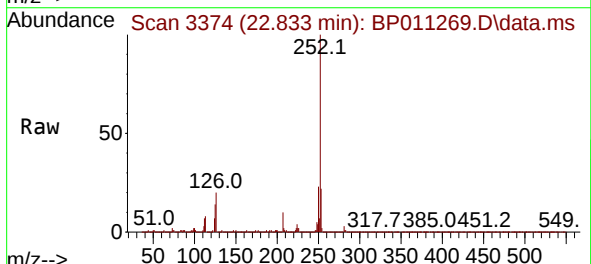
Instrument :
BNA_P
ClientSampleId :

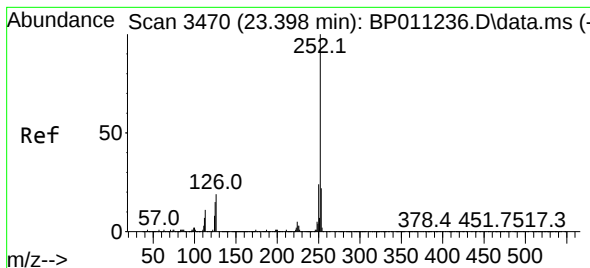
Tgt Ion:252 Resp: 2697284
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 14.3 10.8 16.2



#91
Benzo(k)fluoranthene
Concen: 33.964 ng/ul
RT: 22.833 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BP011269.D
Acq: 04 Aug 2022 17:49

Tgt Ion:252 Resp: 2509456
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 13.9 11.0 16.6





#93

Benzo(a)pyrene

Concen: 33.795 ng/ul

RT: 23.386 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

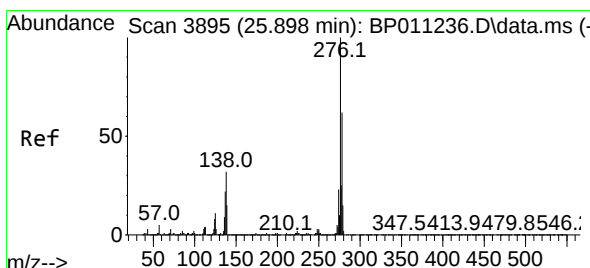
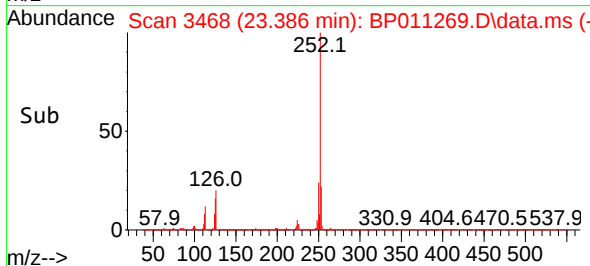
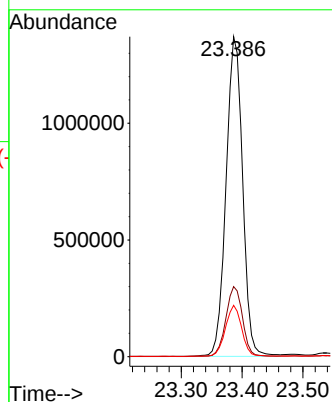
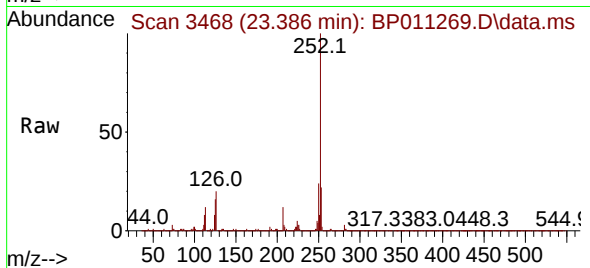
Tgt Ion:252 Resp: 2590704

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 16.0 12.5 18.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.802 ng/ul

RT: 25.880 min Scan# 3892

Delta R.T. -0.012 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

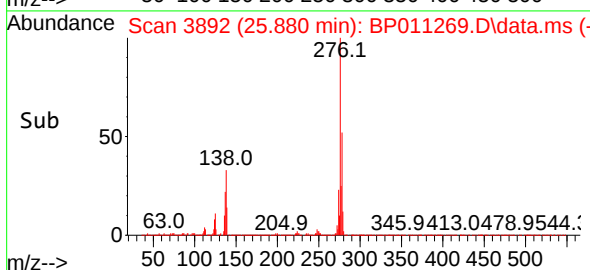
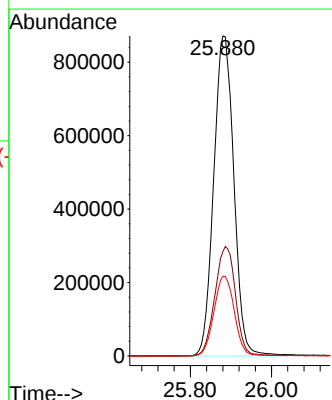
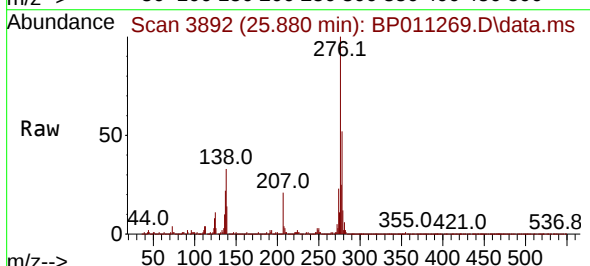
Tgt Ion:276 Resp: 3001067

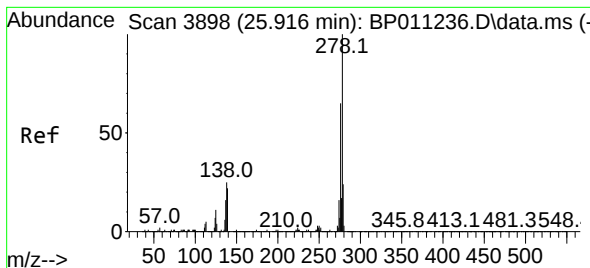
Ion Ratio Lower Upper

276 100

138 32.7 25.5 38.3

277 24.9 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 33.463 ng/ul

RT: 25.904 min Scan# 3896

Delta R.T. -0.006 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Instrument :

BNA_P

ClientSampleId :

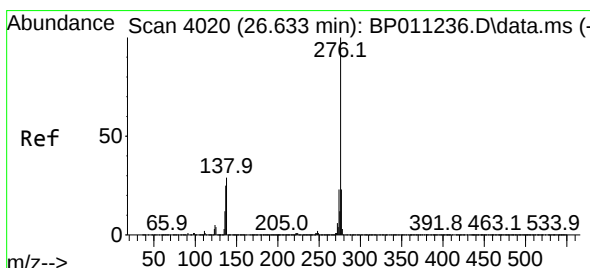
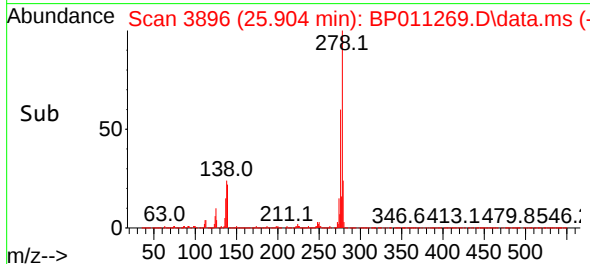
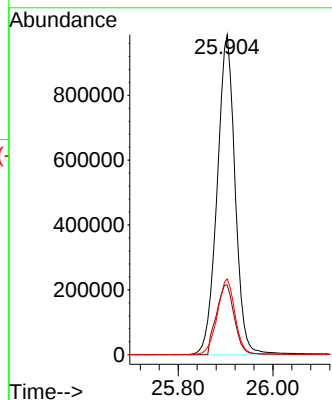
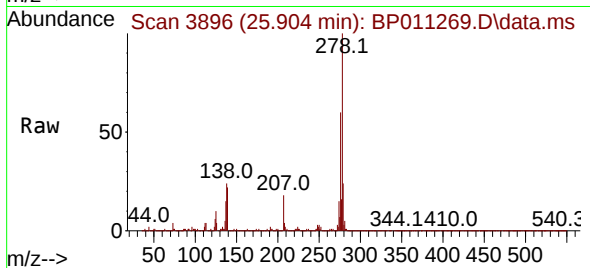
Tgt Ion:278 Resp: 2596130

Ion Ratio Lower Upper

278 100

139 21.8 18.5 27.7

279 23.7 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 32.525 ng/ul

RT: 26.615 min Scan# 4017

Delta R.T. -0.012 min

Lab File: BP011269.D

Acq: 04 Aug 2022 17:49

Tgt Ion:276 Resp: 2549934

Ion Ratio Lower Upper

276 100

138 29.4 22.8 34.2

277 24.4 18.5 27.7

