

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011360.D
 Acq On : 10 Aug 2022 09:26
 Operator : CG/JU
 Sample : N4069-09MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 10 23:54:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	119244	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	510750	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	296695	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	588686	20.000	ng/ul	-0.01
79) Chrysene-d12	21.163	240	542160	20.000	ng/ul	# 0.00
88) Perylene-d12	23.468	264	526690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	15814	4.066	ng/uL	0.00
4) Pyridine-d5	3.505	84	81634	8.320	ng/ul	0.00
7) Phenol-d5	6.769	99	81977	7.768	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	233912	31.261	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	225757	27.266	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	150326	18.142	ng/ul	0.00
21) Nitrobenzene-d5	8.752	128	140952	40.550	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	144062	45.267	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	245872	38.257	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	263343	23.438	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	921391	44.758	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1026530	41.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	34428	9.156	ng/ul	0.00
60) Fluorene-d10	15.263	176	739536	42.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	136740	50.008	ng/ul	0.00
73) Anthracene-d10	17.128	188	1135856	42.927	ng/ul	-0.01
81) Pyrene-d10	19.392	212	1274003	42.652	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	1172263	44.134	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	17111	4.141	ng/uL#	86
5) Pyridine	3.522	79	89103	8.718	ng/ul#	82
6) Benzaldehyde	6.740	77	213352	46.391	ng/ul	99
8) Phenol	6.799	94	82223	7.198	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.022	93	269451	29.290	ng/ul	96
12) 2-Chlorophenol	7.152	128	218951	25.377	ng/ul	99
13) 2-Methylphenol	8.040	108	157617	19.160	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	399777	28.974	ng/ul#	94
16) Acetophenone	8.416	105	445556	33.236	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.405	70	235968	35.731	ng/ul	97
18) 4-Methylphenol	8.375	108	151982	17.236	ng/ul	100
19) Hexachloroethane	8.652	117	110924	30.448	ng/ul	98
22) Nitrobenzene	8.793	77	348731	35.838	ng/ul	98
23) Isophorone	9.322	82	655531	36.726	ng/ul	99
25) 2-Nitrophenol	9.499	139	146307	39.447	ng/ul#	89
26) 2,4-Dimethylphenol	9.569	107	206594	22.045	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.810	93	372736	32.676	ng/ul	99
29) 2,4-Dichlorophenol	10.034	162	227312	33.822	ng/ul	97
30) Naphthalene	10.428	128	877222	31.569	ng/ul	99
32) 4-Chloroaniline	10.552	127	242642	21.545	ng/ul	100
33) Hexachlorobutadiene	10.704	225	139834	33.915	ng/ul	98
34) Caprolactam	11.363	113	11450	5.095	ng/ul	98
35) 4-Chloro-3-methylphenol	11.693	107	273060	34.556	ng/ul	97
36) 2-Methylnaphthalene	12.051	142	590155	34.262	ng/ul	99

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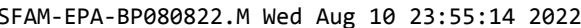
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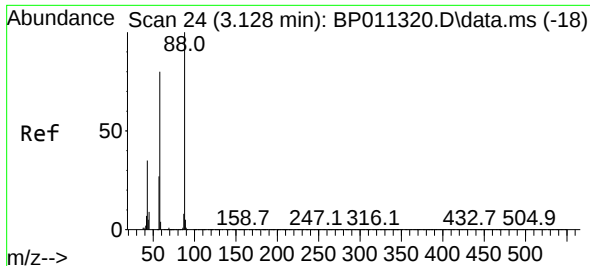
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	600861	34.391	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	261419	33.469	ng/ul	97
40) Hexachlorocyclopentadiene	12.398	237	117207	28.003	ng/ul	99
41) 2,4,6-Trichlorophenol	12.675	196	191960	40.617	ng/ul	99
42) 2,4,5-Trichlorophenol	12.746	196	207509	41.139	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	792075	33.998	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	594518	34.011	ng/ul	97
45) 2-Nitroaniline	13.345	65	240685	54.213	ng/ul	98
47) Dimethylphthalate	13.734	163	854002	40.958	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	171362	52.562	ng/ul	98
50) Acenaphthylene	13.981	152	1043941	36.546	ng/ul	99
51) 3-Nitroaniline	14.187	138	139219	38.819	ng/ul	94
52) Acenaphthene	14.322	153	690391	36.239	ng/ul	98
53) 2,4-Dinitrophenol	14.393	184	86480	44.708	ng/ul#	90
55) 4-Nitrophenol	14.504	109	34668	9.939	ng/ul#	80
56) Dibenzofuran	14.663	168	953744	36.927	ng/ul	93
57) 2,4-Dinitrotoluene	14.645	165	248479	49.725	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.892	232	171580	43.726	ng/ul#	94
59) Diethylphthalate	15.110	149	958889	44.392	ng/ul	98
61) Fluorene	15.316	166	810781	38.654	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	358167	39.064	ng/ul	91
63) 4-Nitroaniline	15.357	138	146187	41.891	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.416	198	125614	44.614	ng/ul#	97
67) N-Nitrosodiphenylamine	15.540	169	692321	39.909	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	214755	41.224	ng/ul	93
69) Hexachlorobenzene	16.322	284	245541	40.345	ng/ul	96
70) Atrazine	16.516	200	219881	38.027	ng/ul	99
71) Pentachlorophenol	16.675	266	148917	42.149	ng/ul	98
72) Phenanthrene	17.075	178	1276928	38.684	ng/ul	100
74) Anthracene	17.169	178	1283927	39.071	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	266285	31.508	ng/uL	99
76) Pentachlorobenzene	14.575	250	273733	37.191	ng/uL	99
77) Carbazole	17.445	167	1212921	39.499	ng/ul	98
78) Di-n-butylphthalate	18.022	149	1647887	49.077	ng/ul	100
80) Fluoranthene	19.063	202	1455646	40.038	ng/ul	95
82) Pyrene	19.422	202	1493717	38.925	ng/ul#	93
83) Butylbenzylphthalate	20.322	149	736524	60.230	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.086	252	124061	12.573	ng/ul	98
85) Benzo(a)anthracene	21.145	228	1370402	39.399	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	1094582	55.758	ng/ul	98
87) Chrysene	21.198	228	1335455	38.785	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	1840268	50.358	ng/ul	100
90) Benzo(b)fluoranthene	22.769	252	1408296	40.626	ng/ul	98
91) Benzo(k)fluoranthene	22.816	252	1297514	38.256	ng/ul	98
93) Benzo(a)pyrene	23.369	252	1328457	39.734	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.851	276	1500314	40.592	ng/ul	94
95) Dibenzo(a,h)anthracene	25.874	278	1291354	41.081	ng/ul#	94
96) Benzo(g,h,i)perylene	26.586	276	1255843	40.267	ng/ul	95

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

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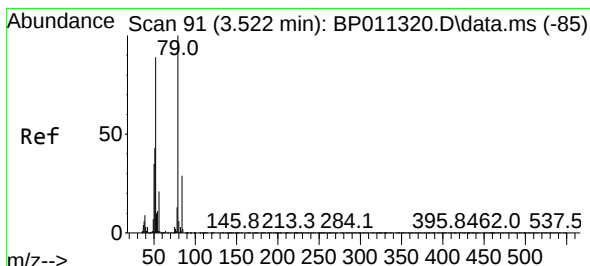
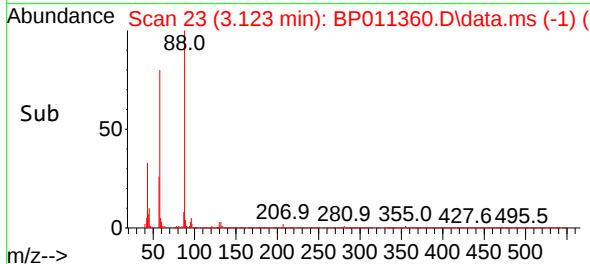
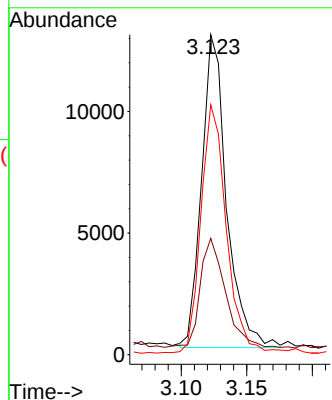
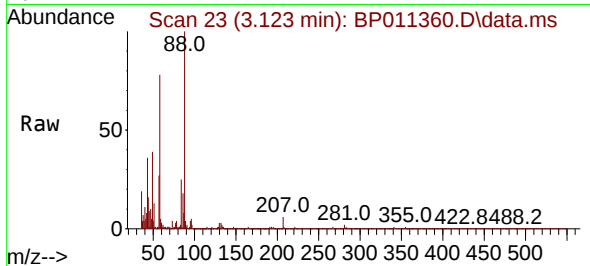




#2
 1,4-Dioxane
 Concen: 4.141 ng/uL
 RT: 3.123 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BP011360.D
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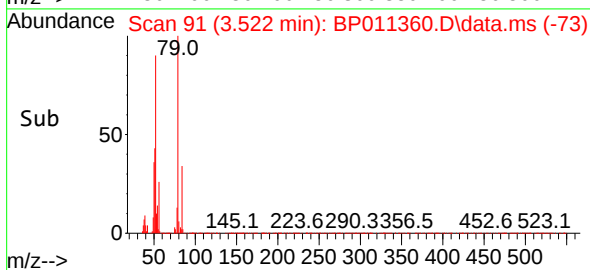
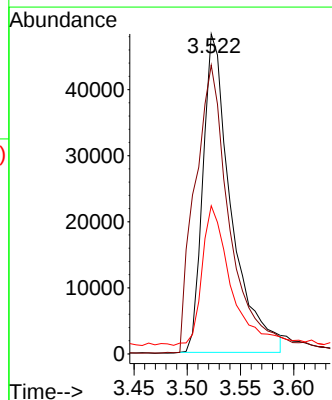
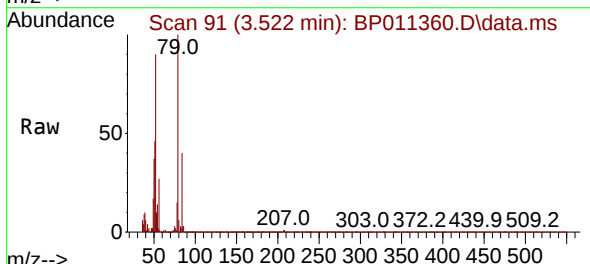
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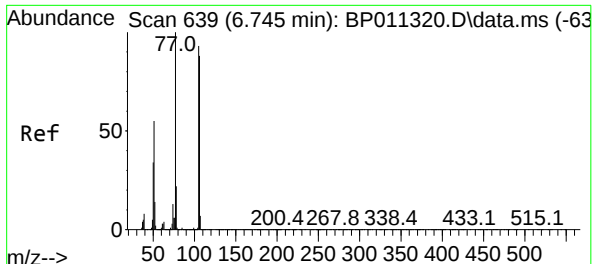
Tgt Ion: 88 Resp: 17111
 Ion Ratio Lower Upper
 88 100
 43 36.3 29.6 44.4
 58 78.1 49.1 73.7#



#5
 Pyridine
 Concen: 8.718 ng/uL
 RT: 3.522 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP011360.D
 Acq: 10 Aug 2022 09:26

Tgt Ion: 79 Resp: 89103
 Ion Ratio Lower Upper
 79 100
 52 90.3 57.8 86.6#
 51 46.3 31.5 47.3

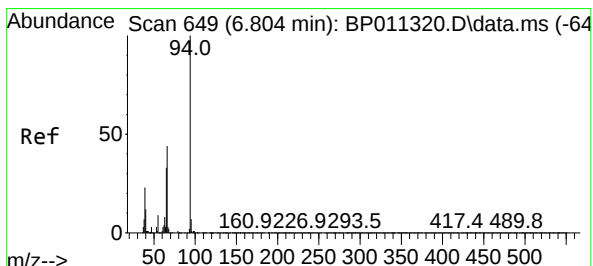
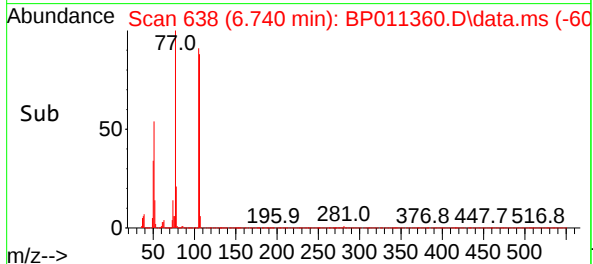
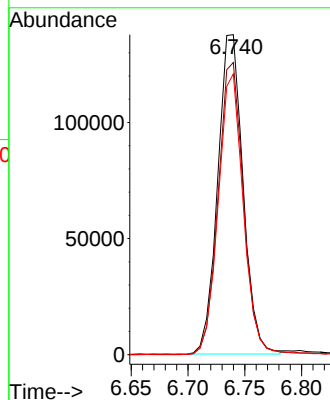
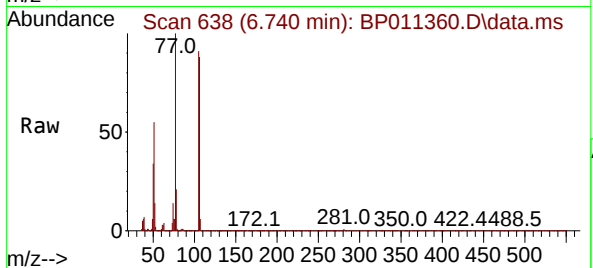




#6
Benzaldehyde
Concen: 46.391 ng/ul
RT: 6.740 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

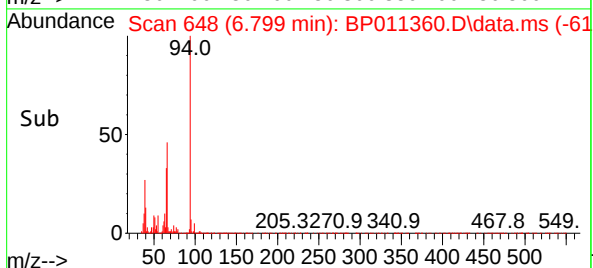
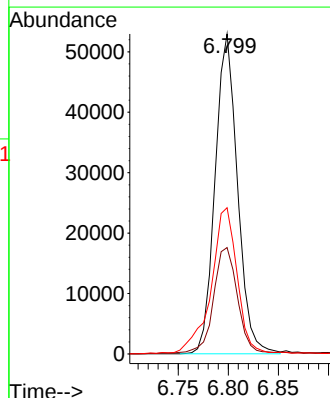
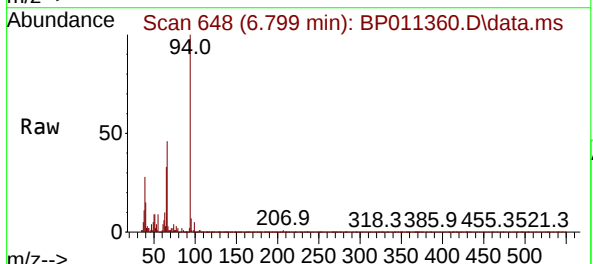
Instrument :
BNA_P
ClientSampleId :

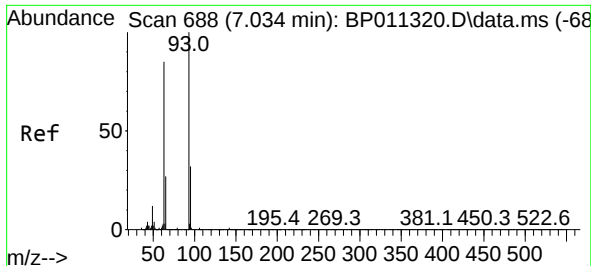
Tgt Ion: 77 Resp: 213352
Ion Ratio Lower Upper
77 100
105 91.3 72.0 108.0
106 87.7 69.4 104.0



#8
Phenol
Concen: 7.198 ng/ul
RT: 6.799 min Scan# 648
Delta R.T. 0.000 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion: 94 Resp: 82223
Ion Ratio Lower Upper
94 100
65 33.2 24.7 37.1
66 45.7 32.6 49.0





#10

Bis(2-Chloroethyl)ether

Concen: 29.290 ng/ul

RT: 7.022 min Scan# 688

Delta R.T. -0.006 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

Instrument :

BNA_P

ClientSampleId :

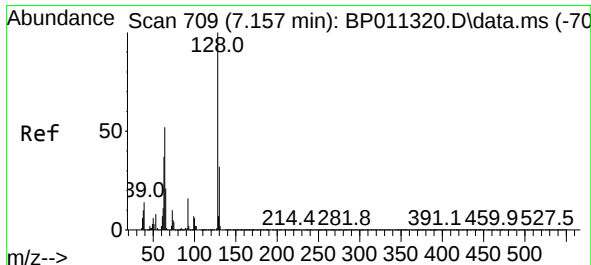
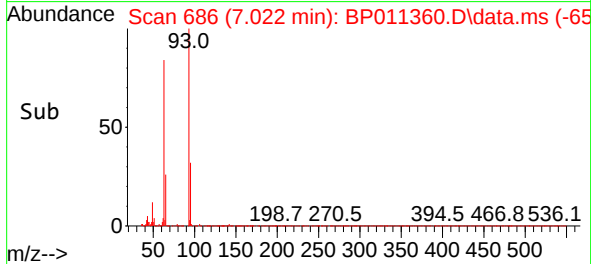
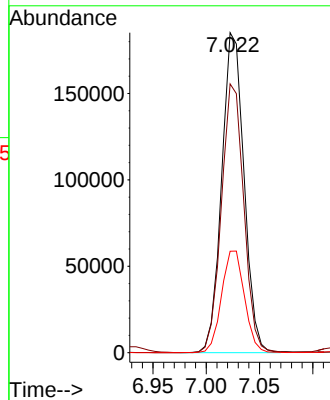
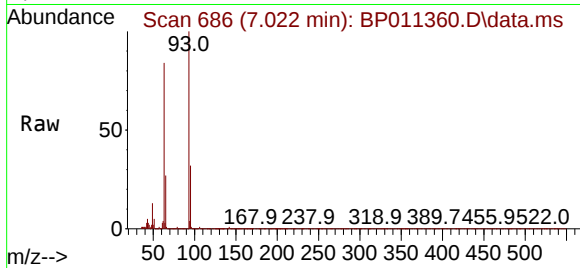
Tgt Ion: 93 Resp: 269451

Ion Ratio Lower Upper

93 100

63 84.0 71.0 106.6

95 31.7 26.0 39.0



#12

2-Chlorophenol

Concen: 25.377 ng/ul

RT: 7.152 min Scan# 708

Delta R.T. -0.006 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

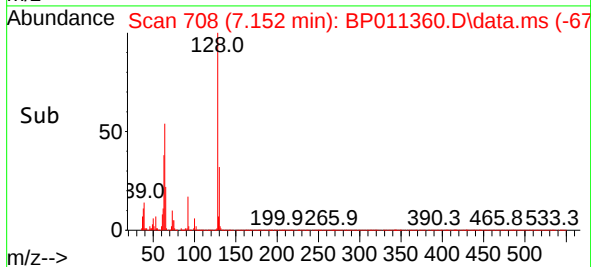
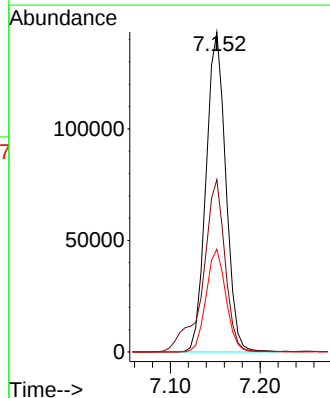
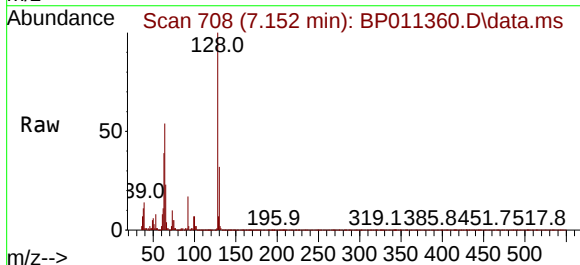
Tgt Ion:128 Resp: 218951

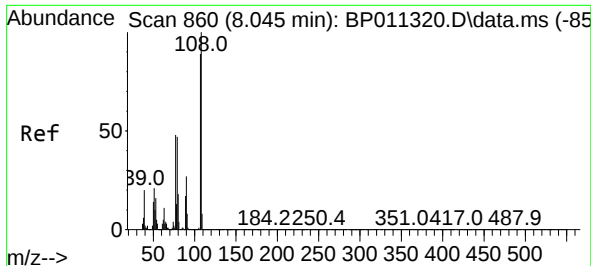
Ion Ratio Lower Upper

128 100

64 53.8 43.8 65.6

130 32.1 25.4 38.2

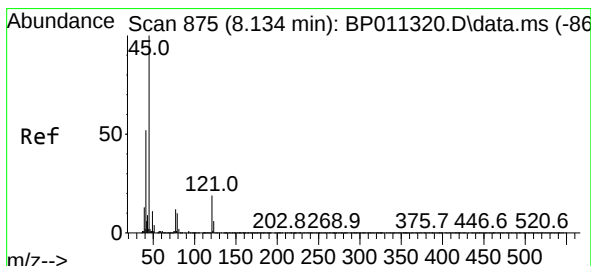
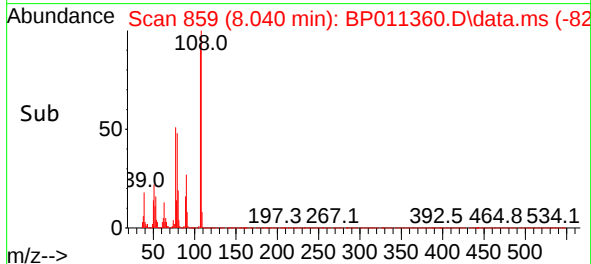
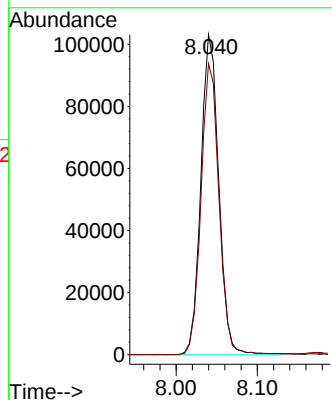
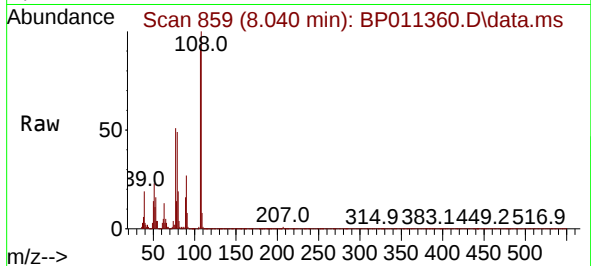




#13
2-Methylphenol
Concen: 19.160 ng/ul
RT: 8.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

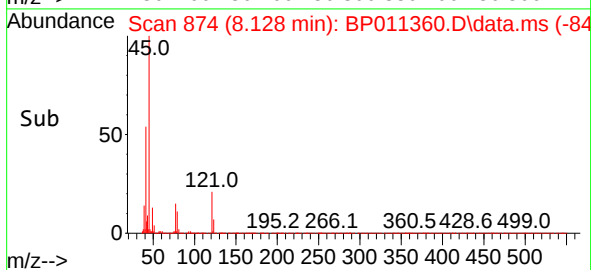
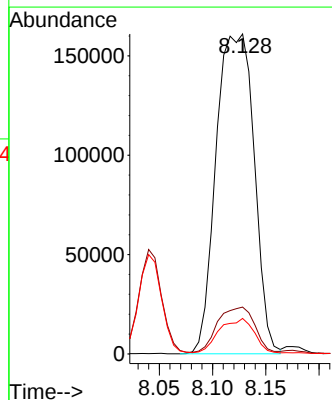
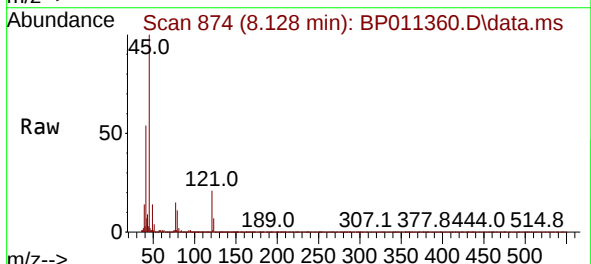
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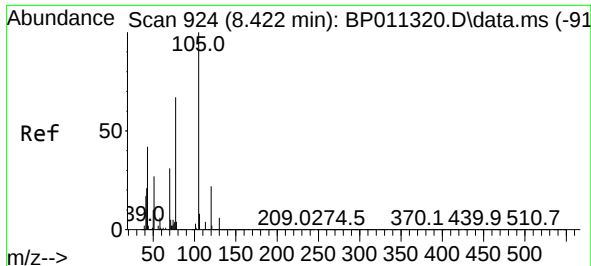
Tgt Ion:108 Resp: 157617
Ion Ratio Lower Upper
108 100
107 91.0 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.974 ng/ul
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion: 45 Resp: 399777
Ion Ratio Lower Upper
45 100
77 14.7 9.9 14.9
79 11.1 7.2 10.8#

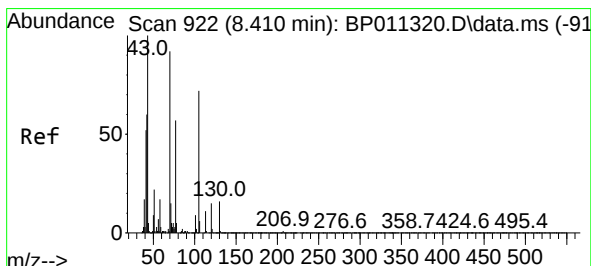
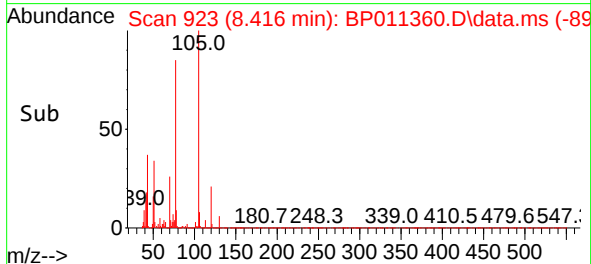
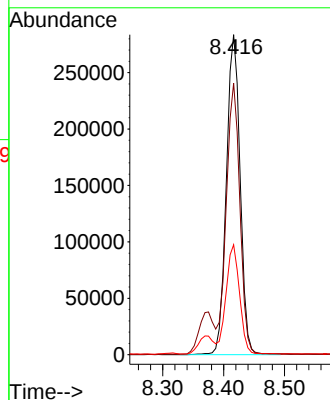
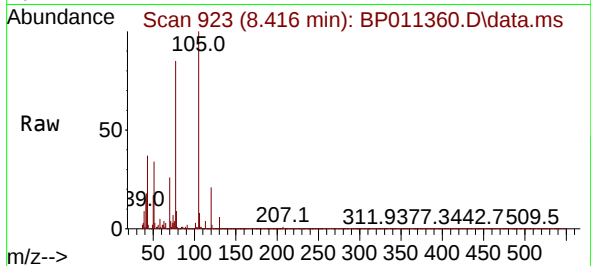




#16
Acetophenone
Concen: 33.236 ng/ul
RT: 8.416 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011360.D
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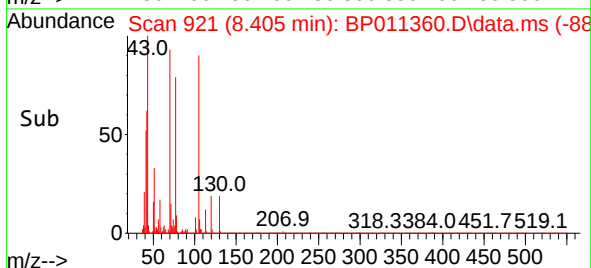
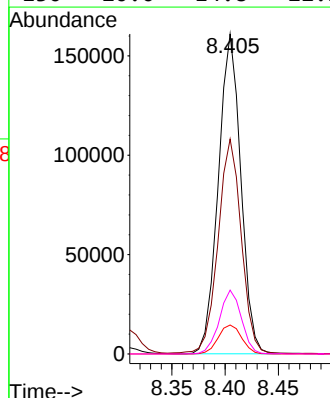
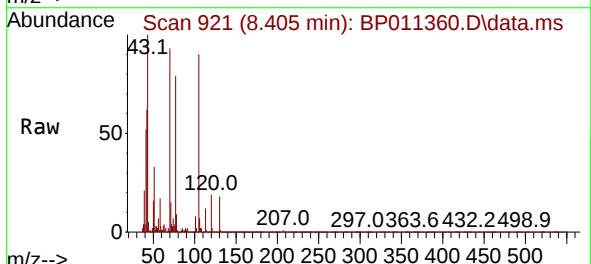
Instrument :
BNA_P
ClientSampleId :

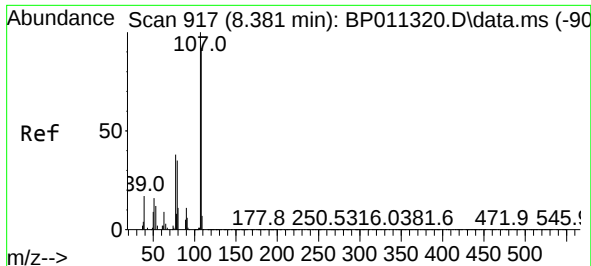
Tgt Ion:105 Resp: 445556
Ion Ratio Lower Upper
105 100
77 84.8 65.4 98.0
51 34.4 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 35.731 ng/ul
RT: 8.405 min Scan# 921
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion: 70 Resp: 235968
Ion Ratio Lower Upper
70 100
42 67.1 55.5 83.3
101 9.0 7.1 10.7
130 20.0 14.8 22.2

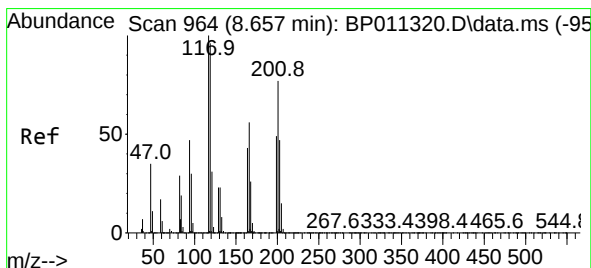
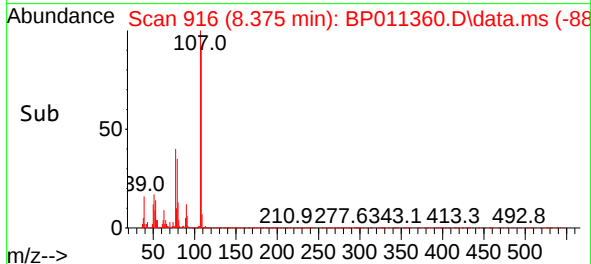
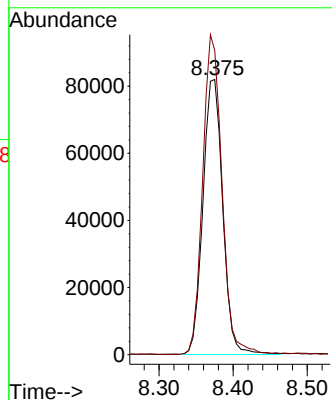
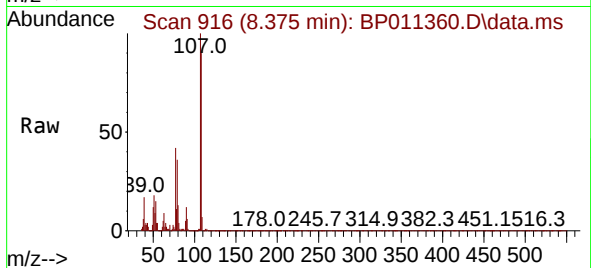




#18
4-Methylphenol
Concen: 17.236 ng/ul
RT: 8.375 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

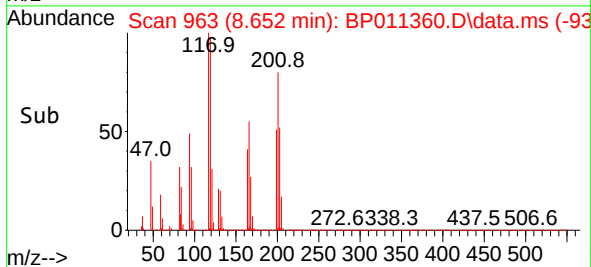
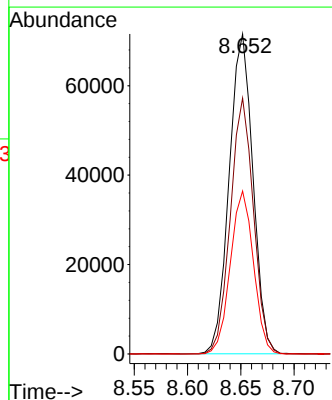
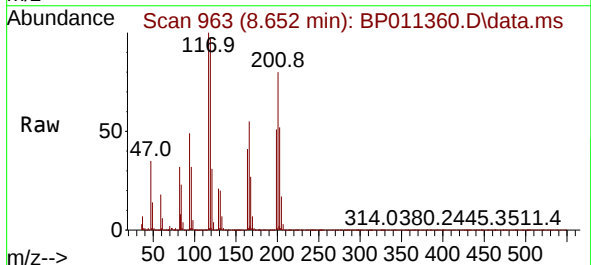
Instrument :
BNA_P
ClientSampleId :

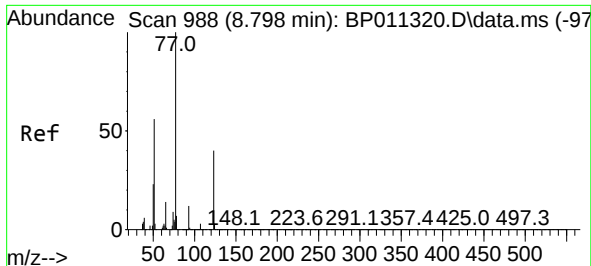
Tgt Ion:108 Resp: 151982
Ion Ratio Lower Upper
108 100
107 110.6 88.2 132.4



#19
Hexachloroethane
Concen: 30.448 ng/ul
RT: 8.652 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:117 Resp: 110924
Ion Ratio Lower Upper
117 100
201 79.9 62.2 93.2
199 50.9 39.8 59.6

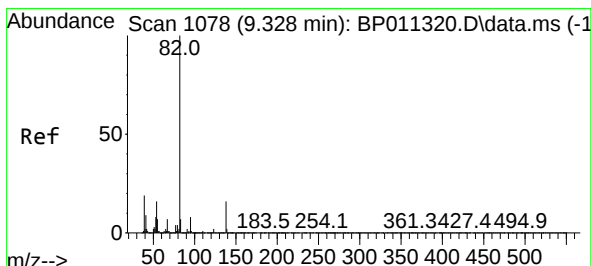
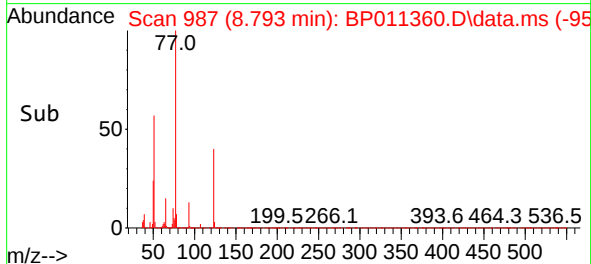
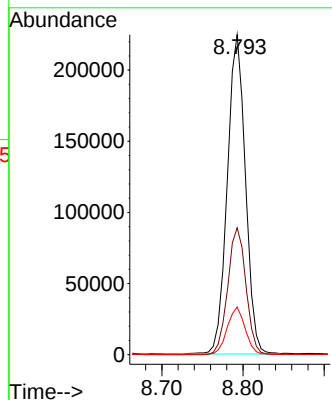
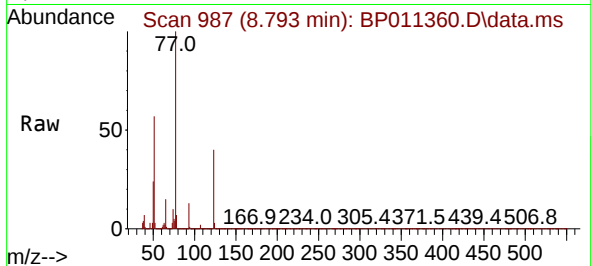




#22
Nitrobenzene
Concen: 35.838 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

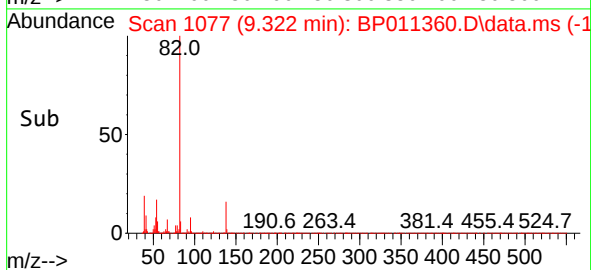
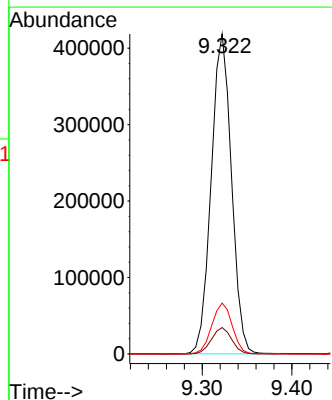
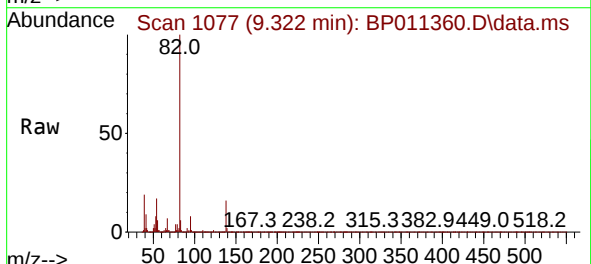
Instrument :
BNA_P
ClientSampleId :

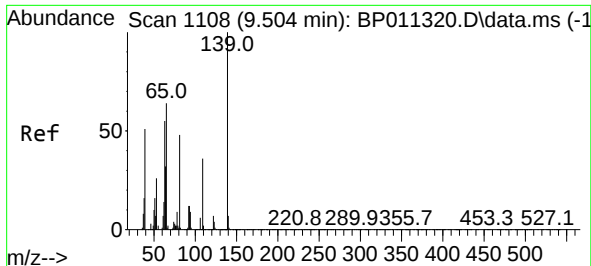
Tgt Ion: 77 Resp: 348731
Ion Ratio Lower Upper
77 100
123 39.7 31.4 47.0
65 14.9 10.6 15.8



#23
Isophorone
Concen: 36.726 ng/ul
RT: 9.322 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion: 82 Resp: 655531
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 15.9 12.6 18.8

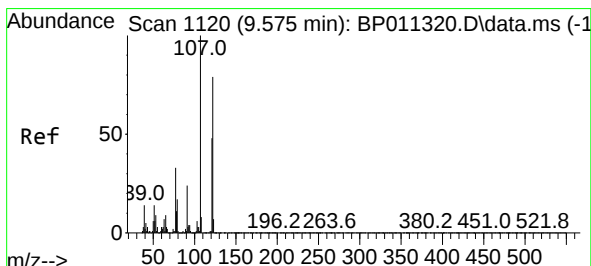
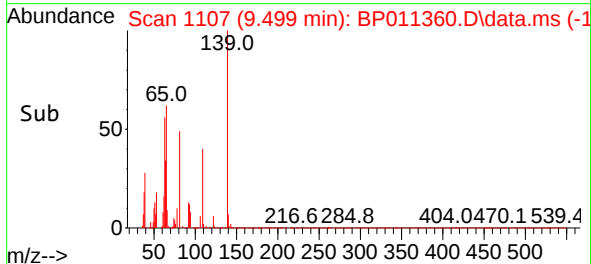
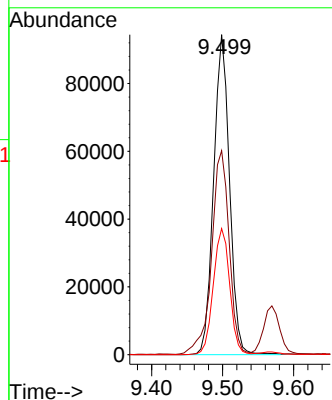
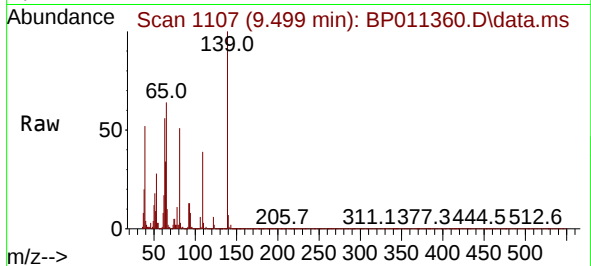




#25
2-Nitrophenol
Concen: 39.447 ng/ul
RT: 9.499 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

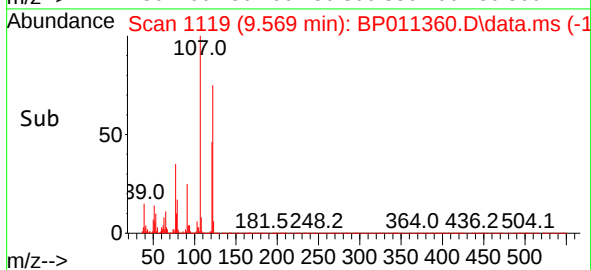
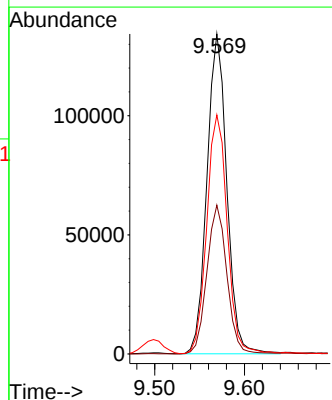
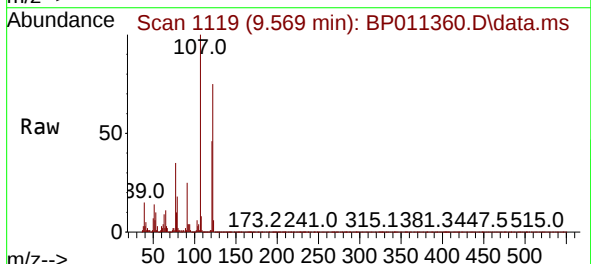
Instrument :
BNA_P
ClientSampleId :

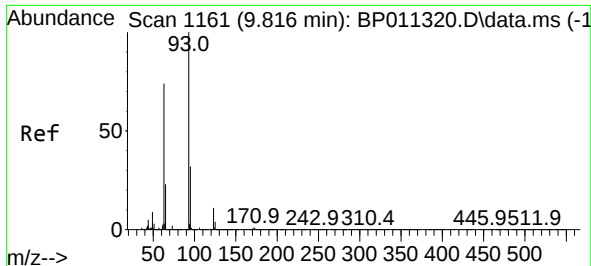
Tgt Ion:139 Resp: 146307
Ion Ratio Lower Upper
139 100
65 63.8 46.7 70.1
109 39.4 24.2 36.2#



#26
2,4-Dimethylphenol
Concen: 22.045 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:107 Resp: 206594
Ion Ratio Lower Upper
107 100
121 46.5 40.3 60.5
122 74.7 67.7 101.5





#27

Bis(2-Chloroethoxy)methane

Concen: 32.676 ng/ul

RT: 9.810 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

Instrument :

BNA_P

ClientSampleId :

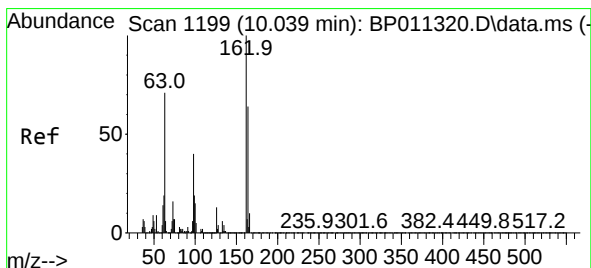
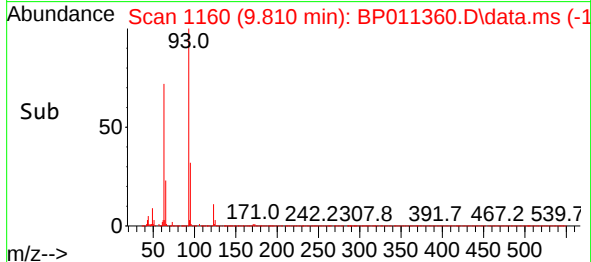
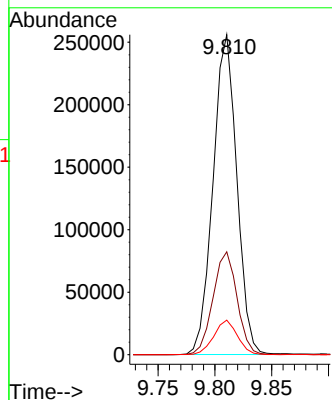
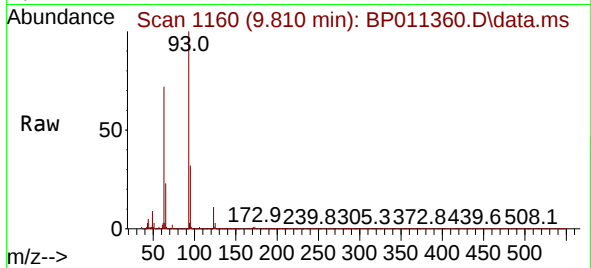
Tgt Ion: 93 Resp: 372736

Ion Ratio Lower Upper

93 100

95 32.2 25.2 37.8

123 10.8 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 33.822 ng/ul

RT: 10.034 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

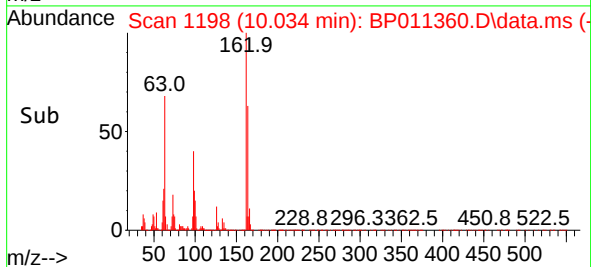
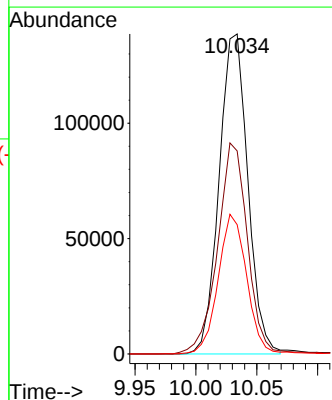
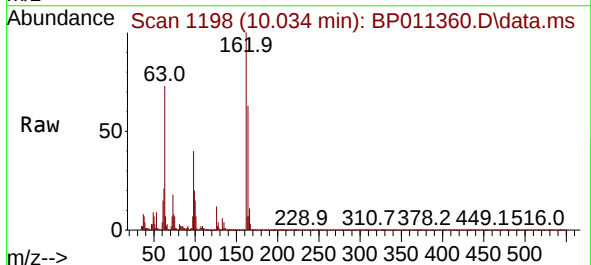
Tgt Ion:162 Resp: 227312

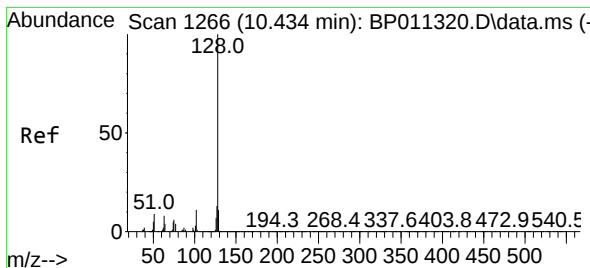
Ion Ratio Lower Upper

162 100

164 63.4 52.6 79.0

98 40.4 34.2 51.4

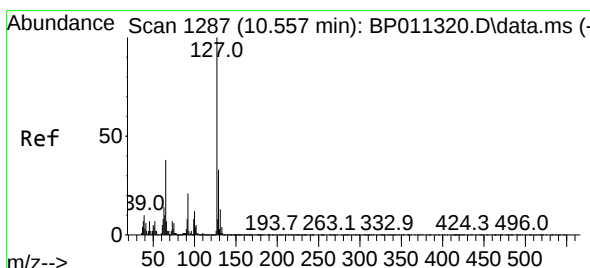
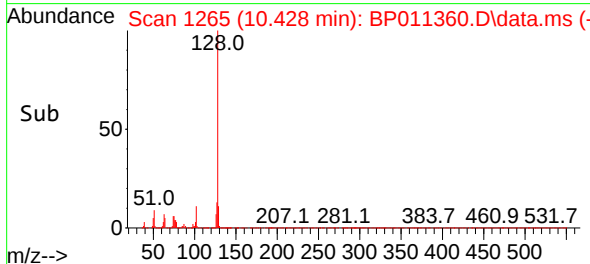
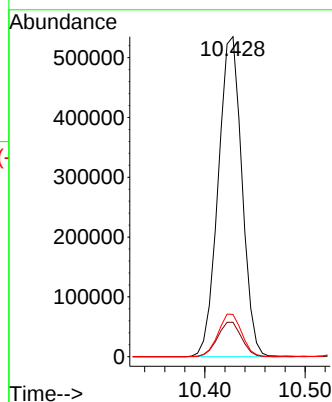
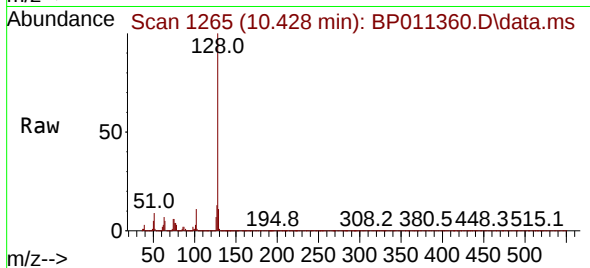




#30
Naphthalene
Concen: 31.569 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

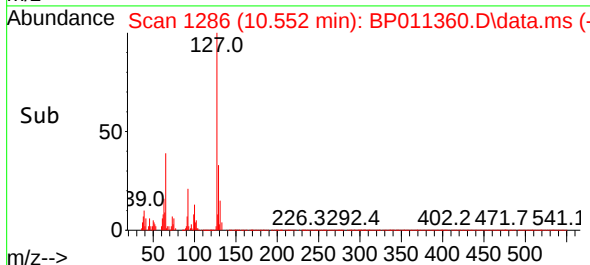
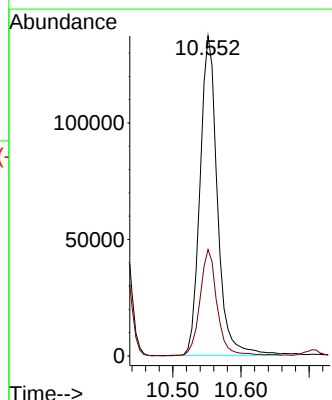
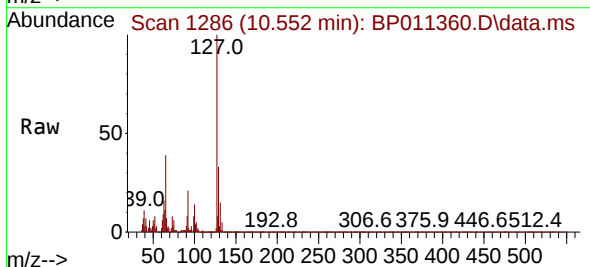
Instrument :
BNA_P
ClientSampleId :

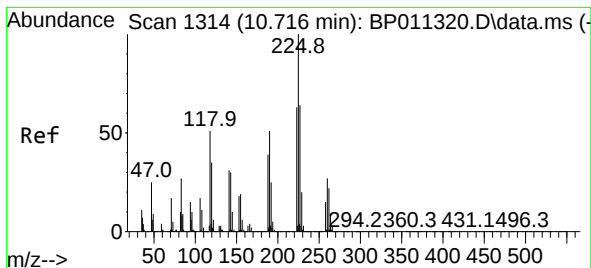
Tgt Ion:128 Resp: 877222
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 21.545 ng/ul
RT: 10.552 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:127 Resp: 242642
Ion Ratio Lower Upper
127 100
129 33.2 26.6 40.0





#33

Hexachlorobutadiene

Concen: 33.915 ng/ul

RT: 10.704 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

Instrument :

BNA_P

ClientSampleId :

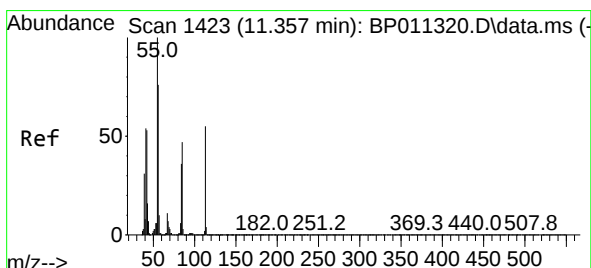
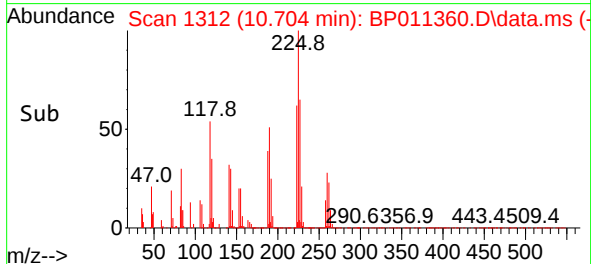
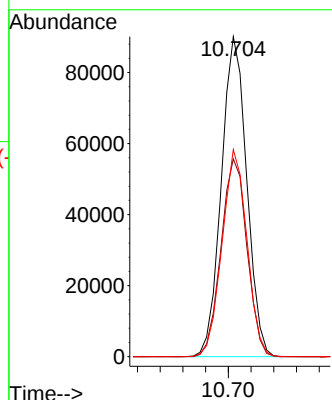
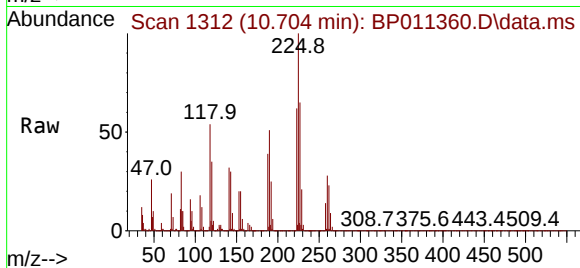
Tgt Ion:225 Resp: 139834

Ion Ratio Lower Upper

225 100

223 61.8 51.2 76.8

227 64.7 50.6 75.8



#34

Caprolactam

Concen: 5.095 ng/ul

RT: 11.363 min Scan# 1424

Delta R.T. 0.012 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

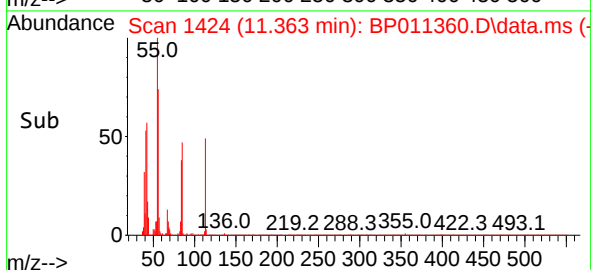
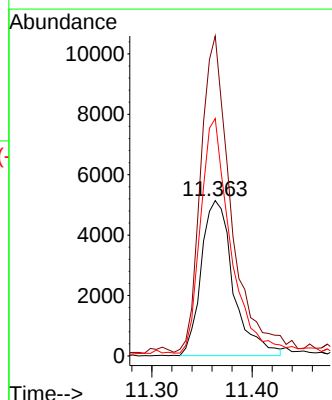
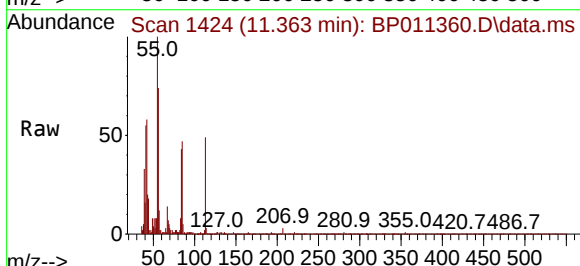
Tgt Ion:113 Resp: 11450

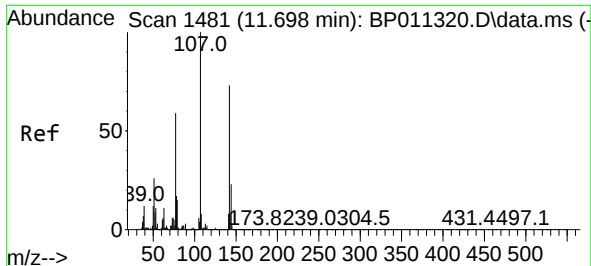
Ion Ratio Lower Upper

113 100

55 205.9 164.2 246.4

56 152.7 127.0 190.6

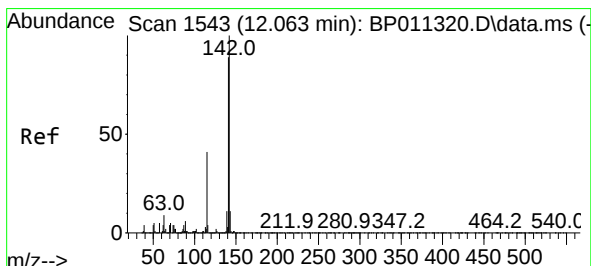
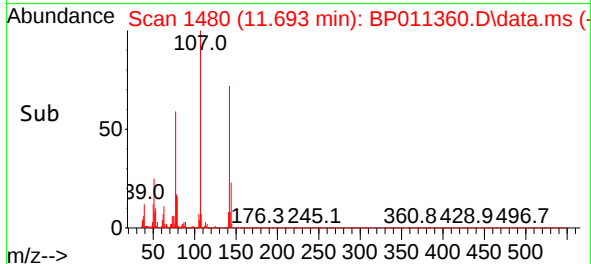
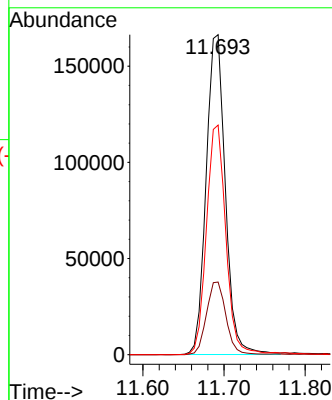
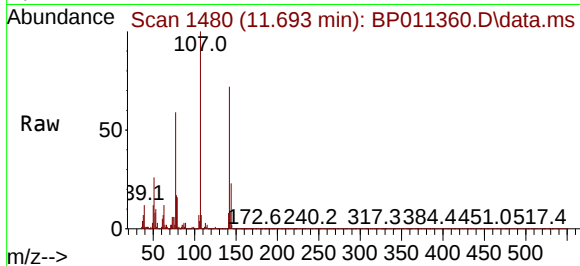




#35
4-Chloro-3-methylphenol
Concen: 34.556 ng/ul
RT: 11.693 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

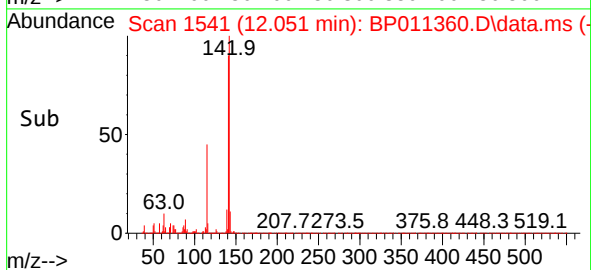
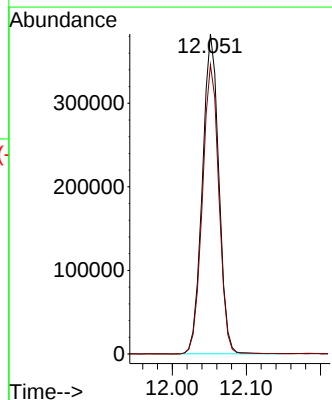
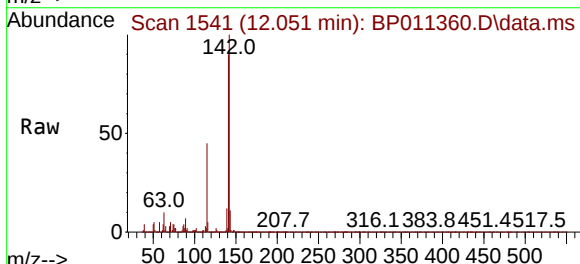
Instrument :
BNA_P
ClientSampleId :

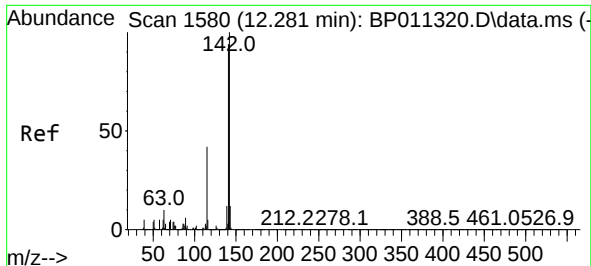
Tgt Ion:107 Resp: 273060
Ion Ratio Lower Upper
107 100
144 22.7 19.0 28.4
142 71.8 59.8 89.8



#36
2-Methylnaphthalene
Concen: 34.262 ng/ul
RT: 12.051 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:142 Resp: 590155
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8

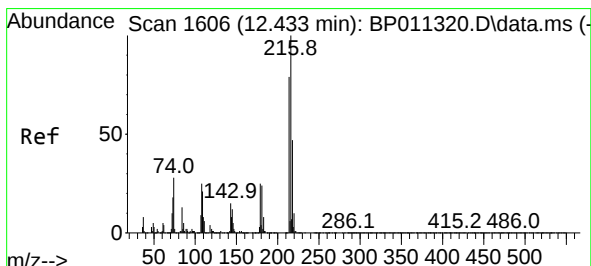
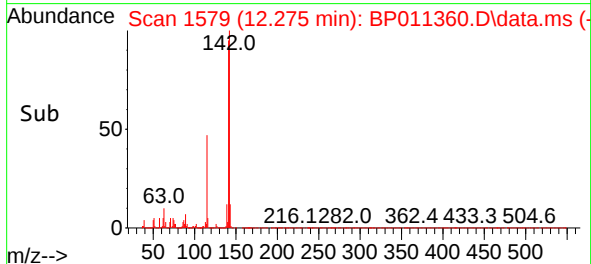
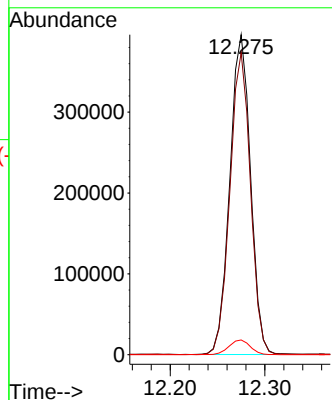
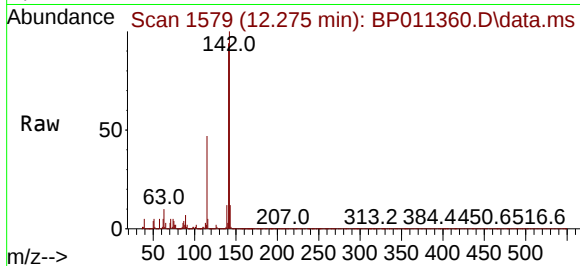




#37
1-Methylnaphthalene
Concen: 34.391 ng/ul
RT: 12.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

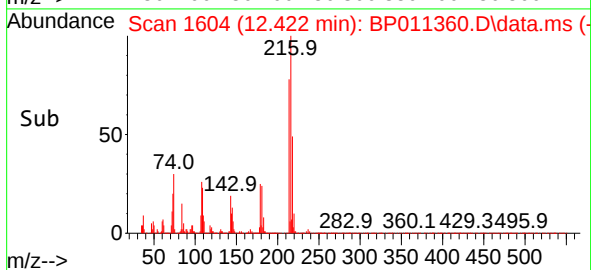
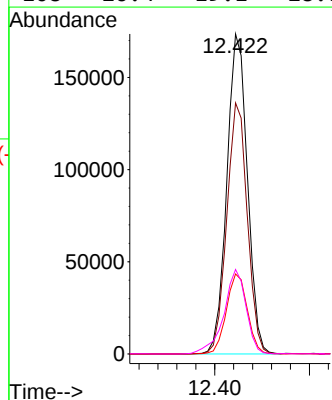
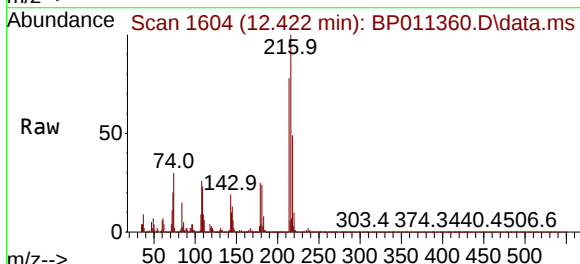
Instrument :
BNA_P
ClientSampleId :

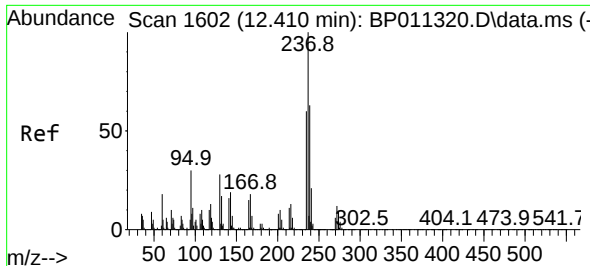
Tgt Ion:142 Resp: 600861
Ion Ratio Lower Upper
142 100
141 94.4 74.1 111.1
116 4.6 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.469 ng/ul
RT: 12.422 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:216 Resp: 261419
Ion Ratio Lower Upper
216 100
214 78.5 61.1 91.7
179 25.0 18.6 27.8
108 26.4 19.1 28.7

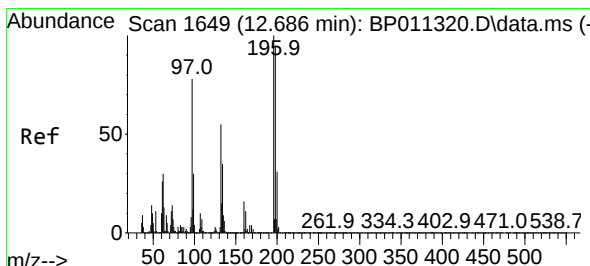
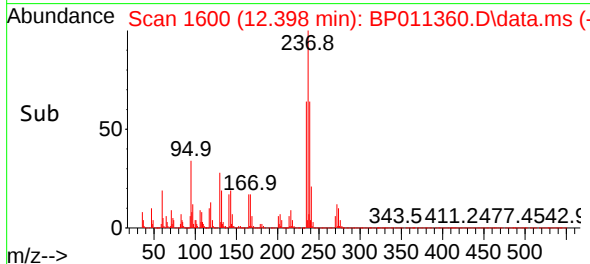
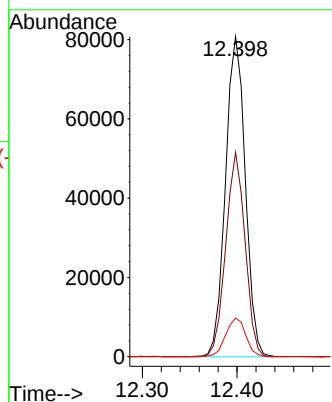
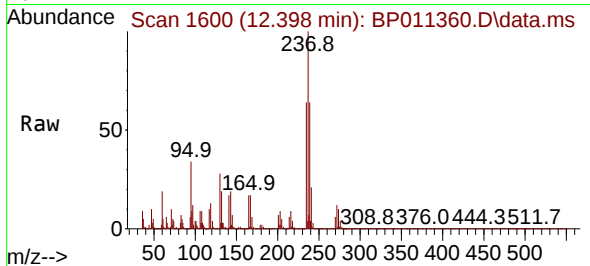




#40
Hexachlorocyclopentadiene
Concen: 28.003 ng/ul
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

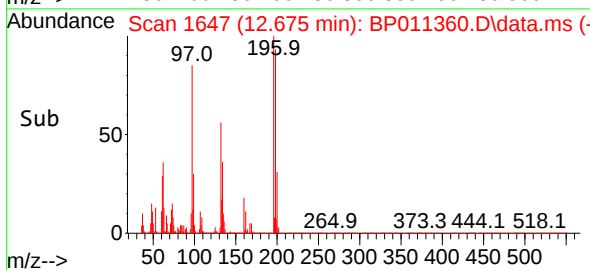
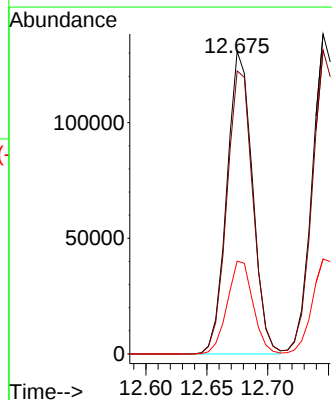
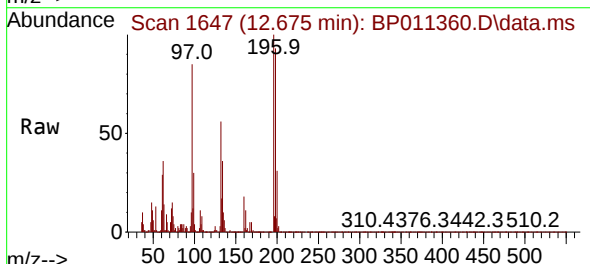
Instrument :
BNA_P
ClientSampleId :

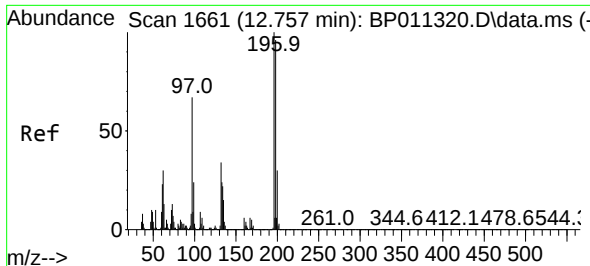
Tgt Ion:237 Resp: 117207
Ion Ratio Lower Upper
237 100
235 63.8 50.4 75.6
272 12.0 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 40.617 ng/ul
RT: 12.675 min Scan# 1647
Delta R.T. -0.012 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

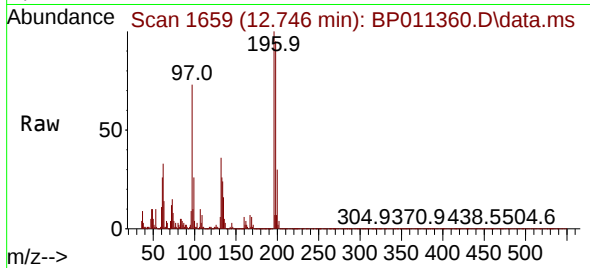
Tgt Ion:196 Resp: 191960
Ion Ratio Lower Upper
196 100
198 93.5 75.5 113.3
200 30.6 24.4 36.6



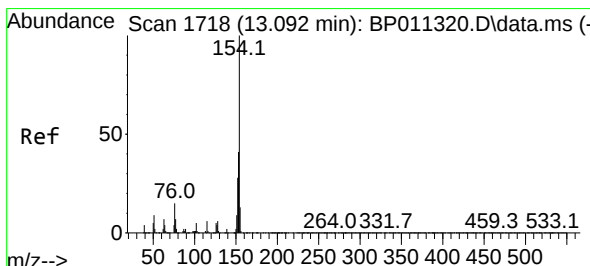
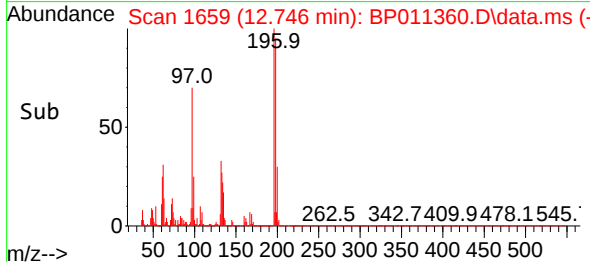
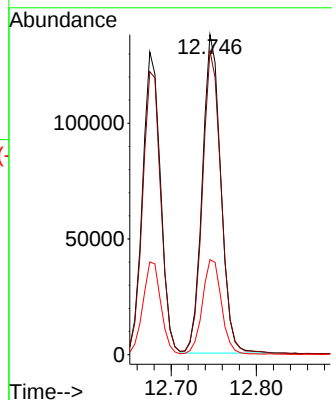


#42
2,4,5-Trichlorophenol
Concen: 41.139 ng/ul
RT: 12.746 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Instrument :
BNA_P
ClientSampleId :

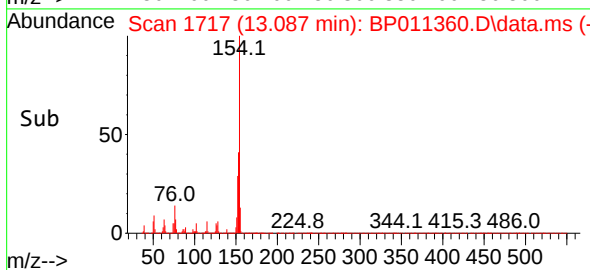
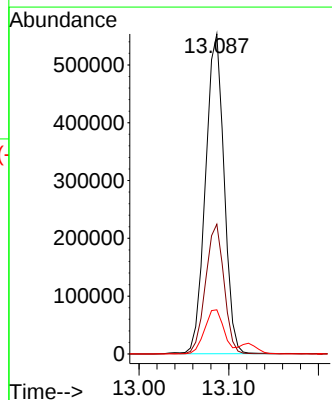
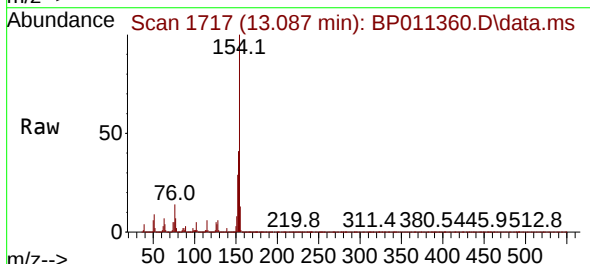


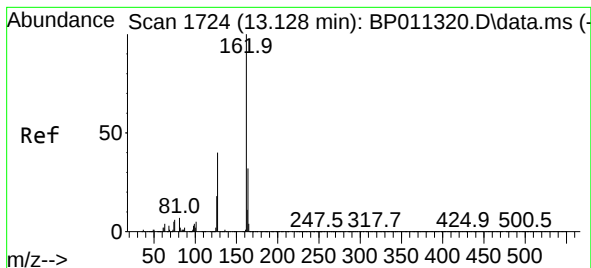
Tgt Ion:196 Resp: 207509
Ion Ratio Lower Upper
196 100
198 95.0 76.8 115.2
200 29.7 25.0 37.6



#43
1,1'-Biphenyl
Concen: 33.998 ng/ul
RT: 13.087 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:154 Resp: 792075
Ion Ratio Lower Upper
154 100
153 40.5 31.9 47.9
76 13.8 12.2 18.2





#44

2-Chloronaphthalene

Concen: 34.011 ng/ul

RT: 13.122 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

Instrument :

BNA_P

ClientSampleId :

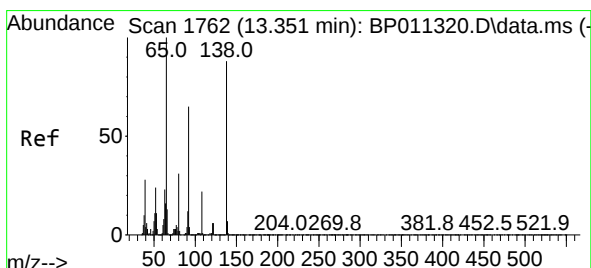
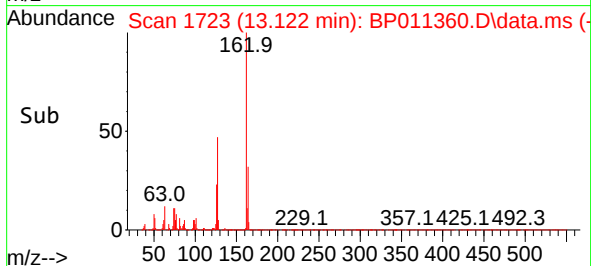
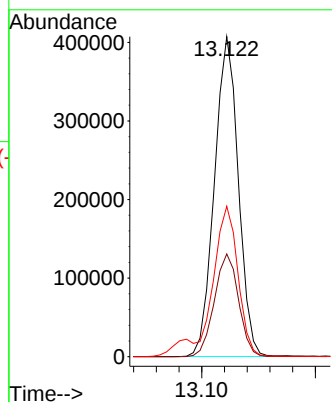
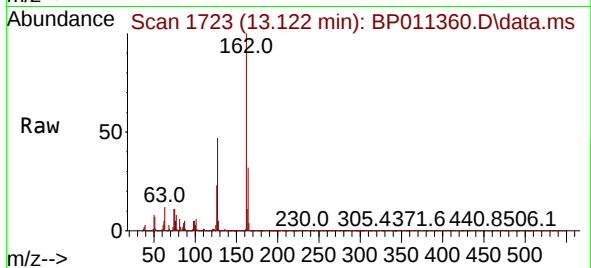
Tgt Ion:162 Resp: 594518

Ion Ratio Lower Upper

162 100

164 32.1 25.6 38.4

127 47.0 34.6 51.8



#45

2-Nitroaniline

Concen: 54.213 ng/ul

RT: 13.345 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

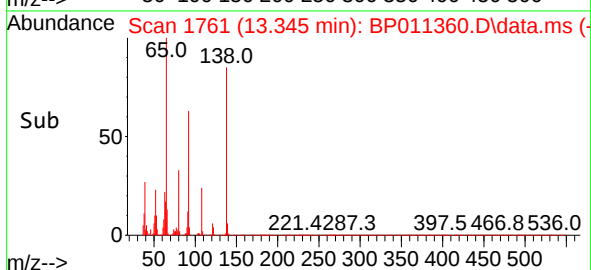
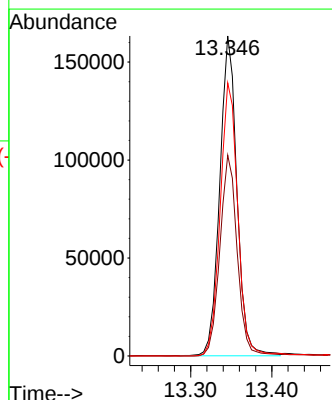
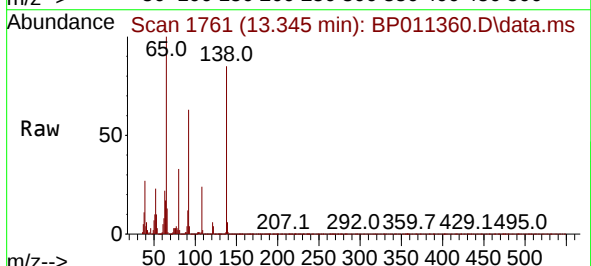
Tgt Ion: 65 Resp: 240685

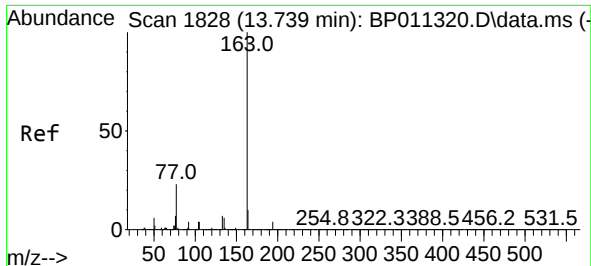
Ion Ratio Lower Upper

65 100

92 62.8 51.4 77.2

138 85.3 67.4 101.0

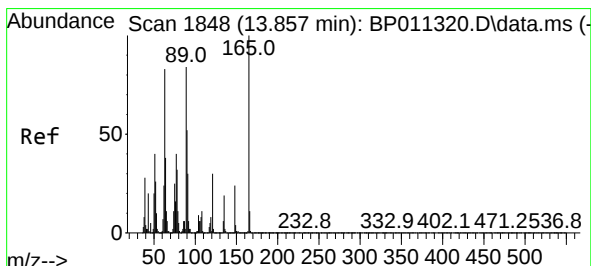
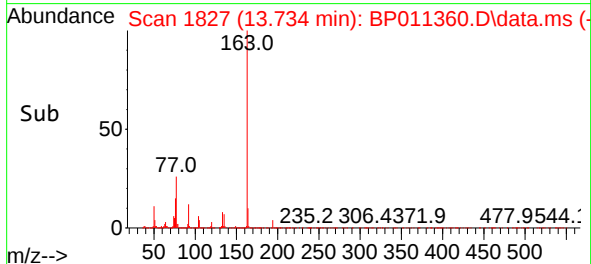
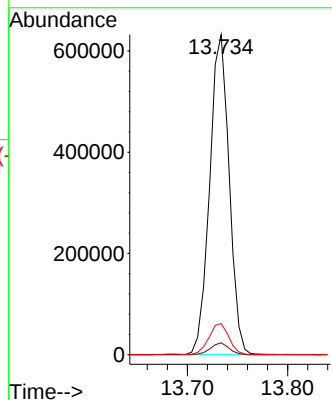
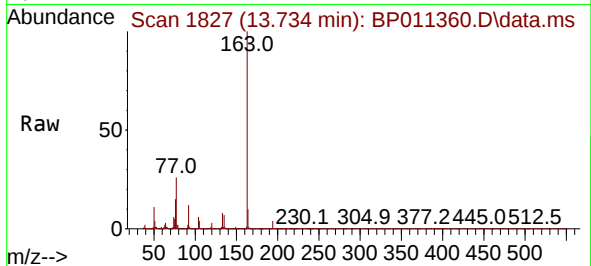




#47
Dimethylphthalate
Concen: 40.958 ng/ul
RT: 13.734 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

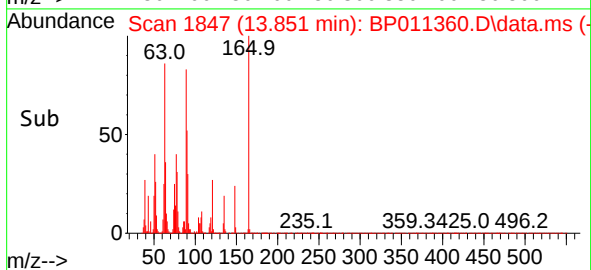
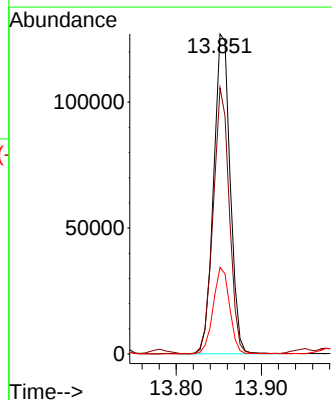
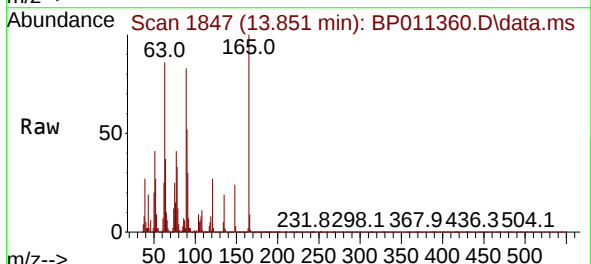
Instrument :
BNA_P
ClientSampleId :

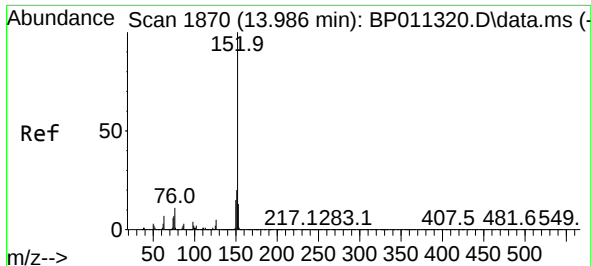
Tgt Ion:163 Resp: 854002
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.7 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 52.562 ng/ul
RT: 13.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:165 Resp: 171362
Ion Ratio Lower Upper
165 100
89 83.2 65.8 98.6
121 27.1 24.2 36.2

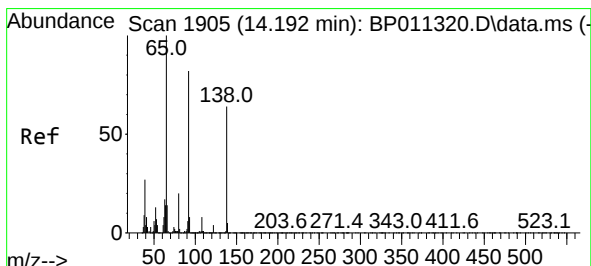
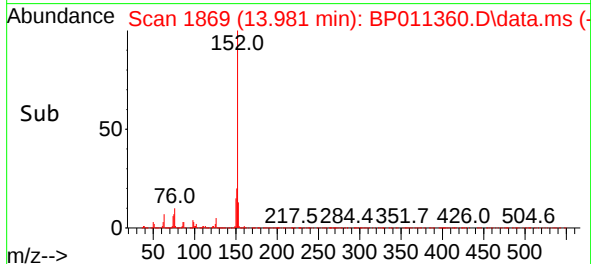
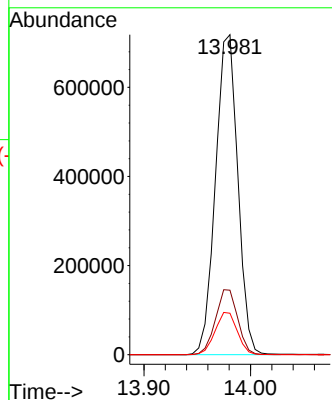
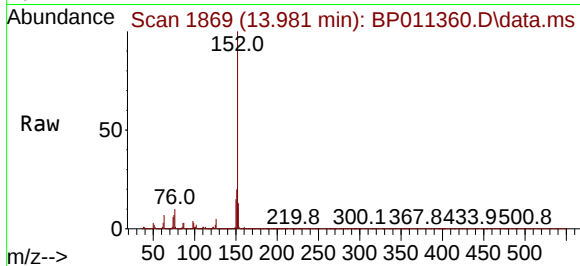




#50
Acenaphthylene
Concen: 36.546 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

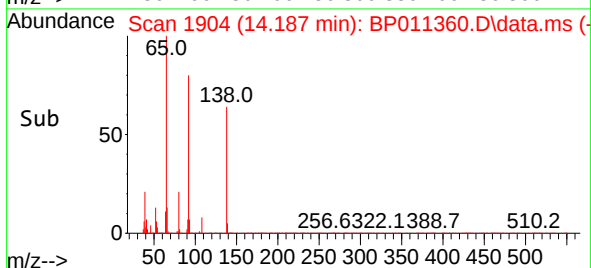
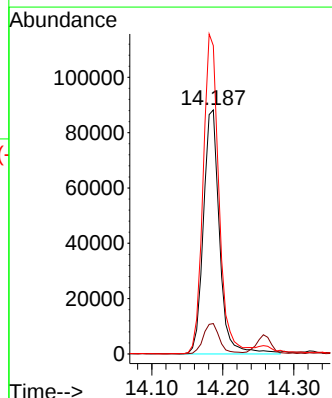
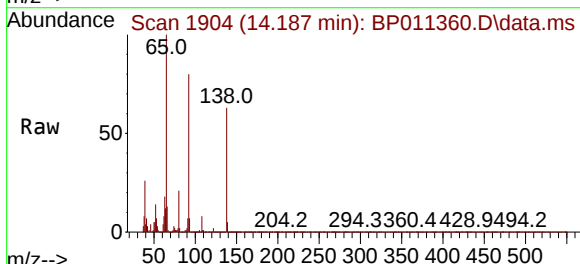
Instrument :
BNA_P
ClientSampleId :

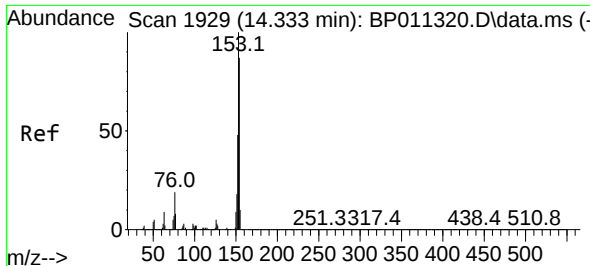
Tgt Ion:152 Resp: 1043941
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 12.9 10.5 15.7



#51
3-Nitroaniline
Concen: 38.819 ng/ul
RT: 14.187 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:138 Resp: 139219
Ion Ratio Lower Upper
138 100
108 12.4 9.9 14.9
92 126.4 106.8 160.2

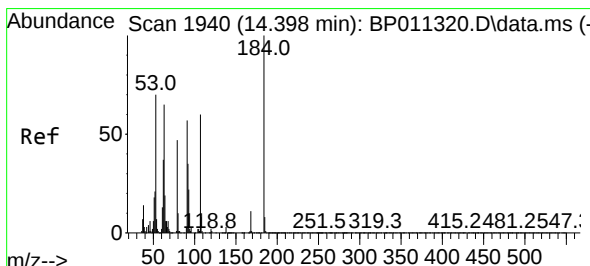
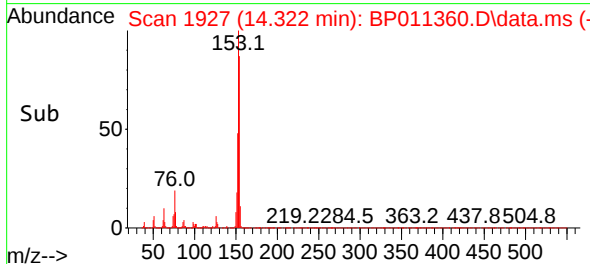
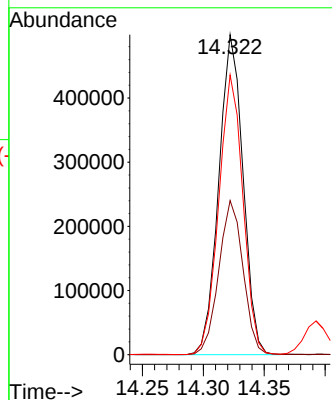
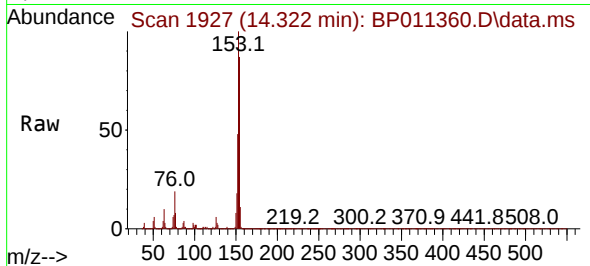




#52
Acenaphthene
Concen: 36.239 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

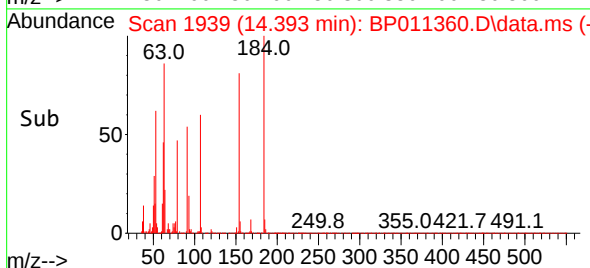
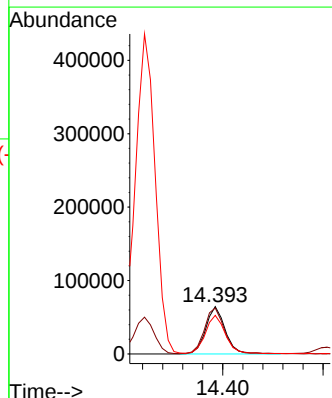
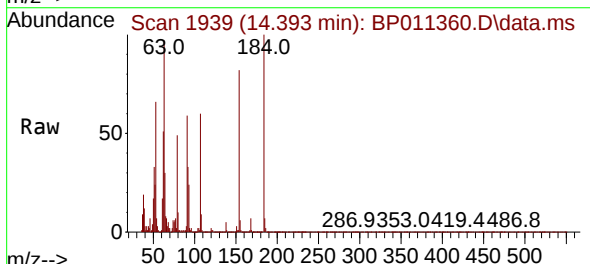
Instrument :
BNA_P
ClientSampleId :

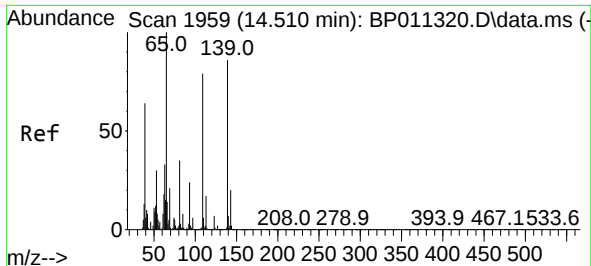
Tgt Ion:153 Resp: 690391
Ion Ratio Lower Upper
153 100
152 48.2 39.5 59.3
154 87.4 68.6 103.0



#53
2,4-Dinitrophenol
Concen: 44.708 ng/ul
RT: 14.393 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:184 Resp: 86480
Ion Ratio Lower Upper
184 100
63 97.1 75.0 112.6
154 81.6 53.1 79.7#

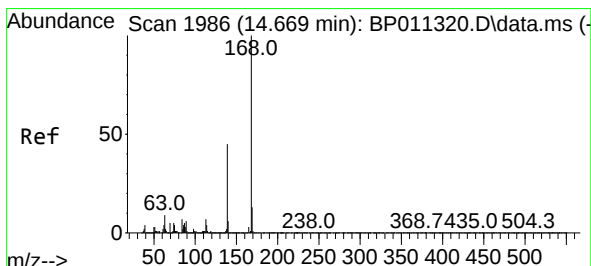
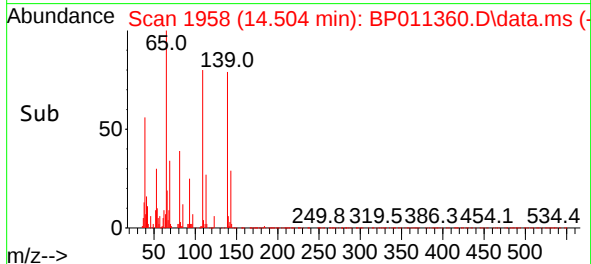
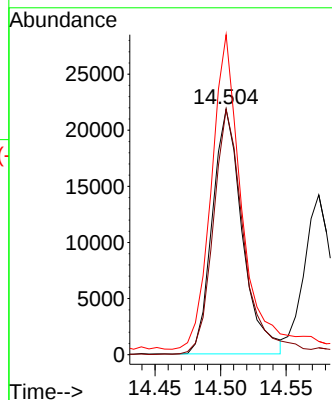
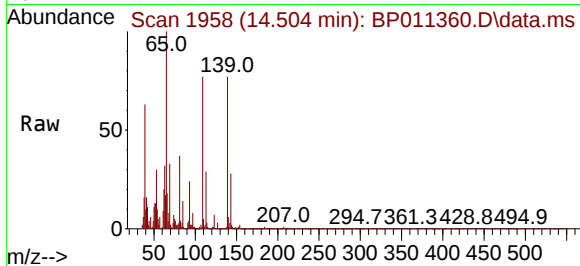




#55
4-Nitrophenol
Concen: 9.939 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

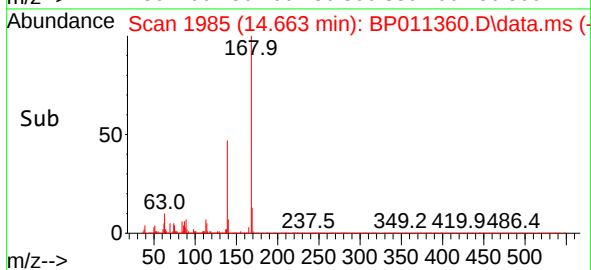
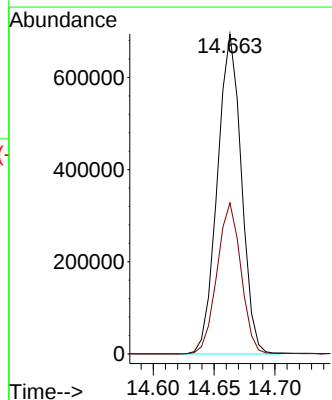
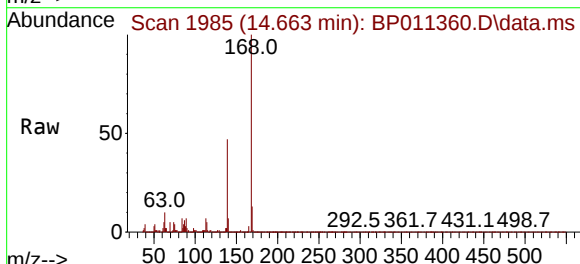
Instrument :
BNA_P
ClientSampleId :

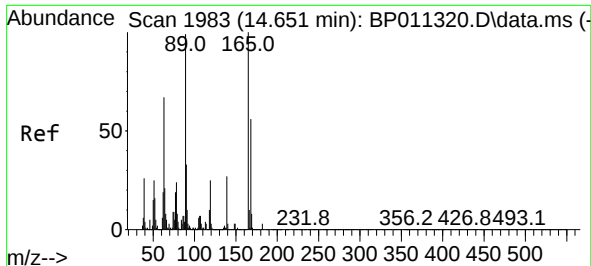
Tgt Ion:109 Resp: 34668
Ion Ratio Lower Upper
109 100
139 100.0 100.6 150.8#
65 130.4 122.6 184.0



#56
Dibenzofuran
Concen: 36.927 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:168 Resp: 953744
Ion Ratio Lower Upper
168 100
139 47.2 34.2 51.2

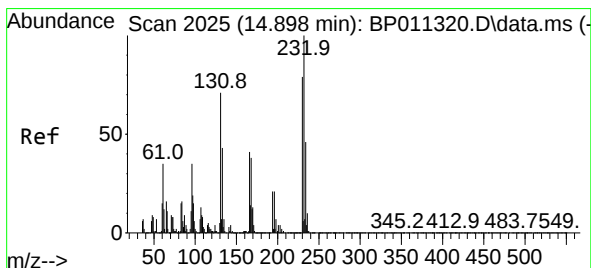
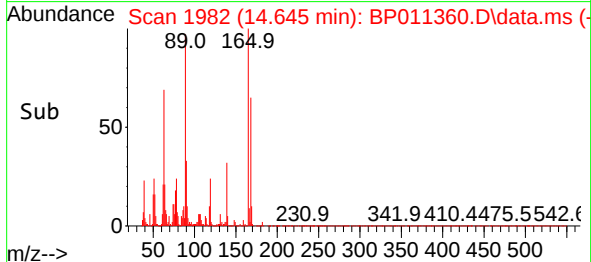
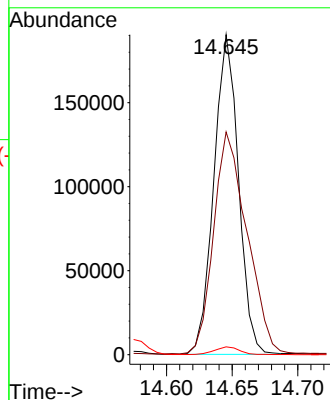
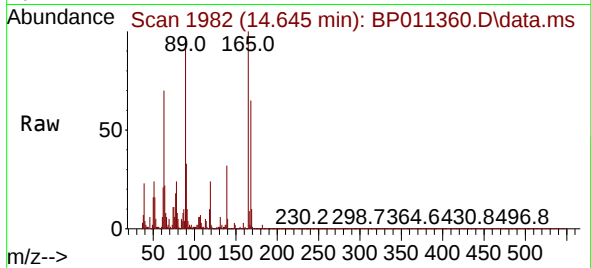




#57
2,4-Dinitrotoluene
Concen: 49.725 ng/ul
RT: 14.645 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

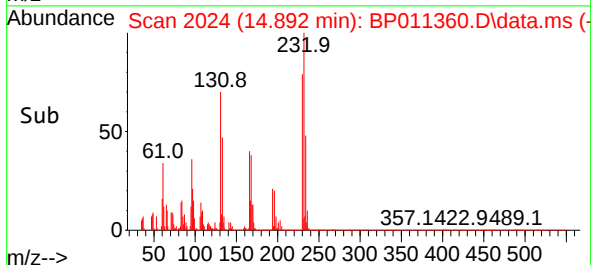
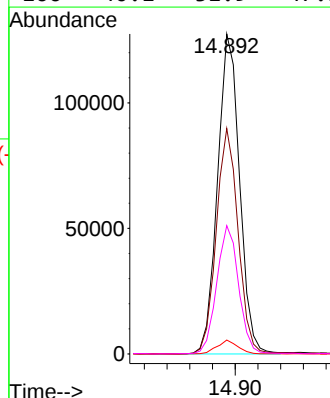
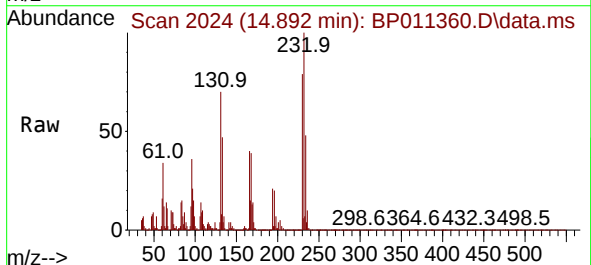
Instrument :
BNA_P
ClientSampleId :

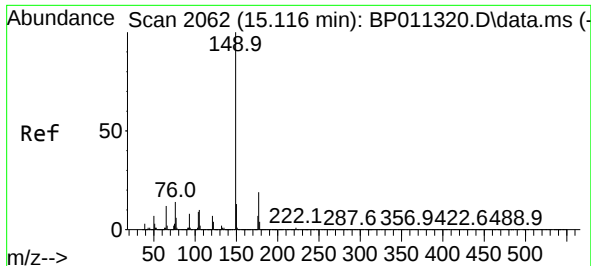
Tgt Ion:165 Resp: 248479
Ion Ratio Lower Upper
165 100
63 69.6 50.6 75.8
182 2.4 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.726 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:232 Resp: 171580
Ion Ratio Lower Upper
232 100
131 70.5 50.4 75.6
130 4.3 2.6 3.8#
166 40.1 31.9 47.9

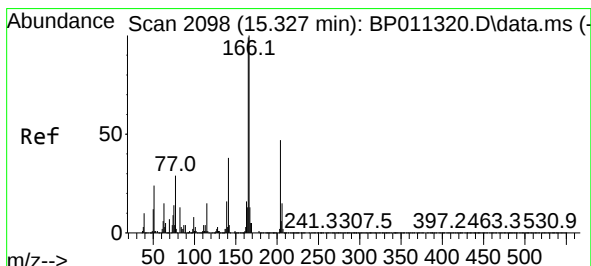
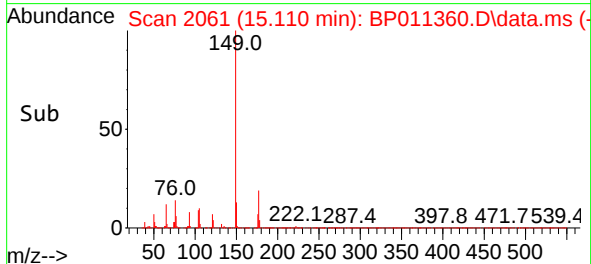
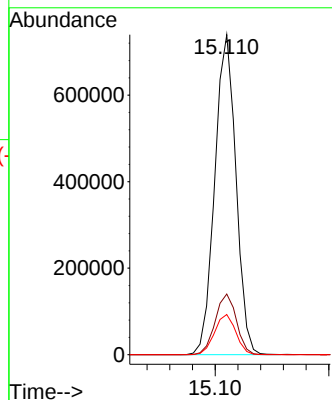
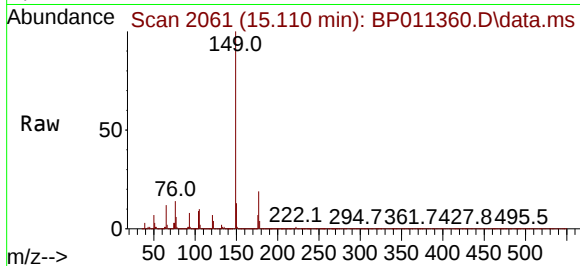




#59
Diethylphthalate
Concen: 44.392 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

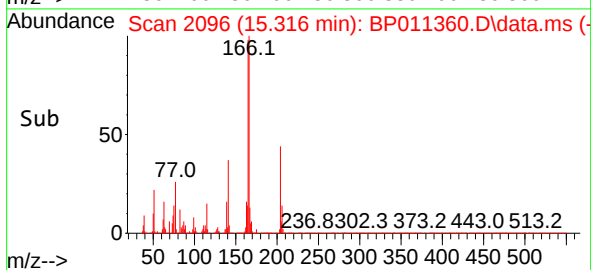
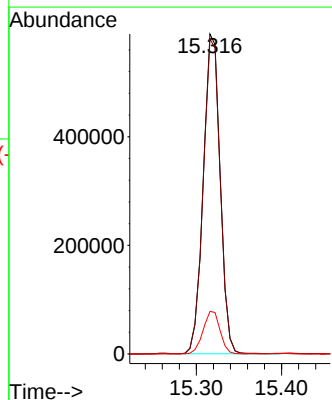
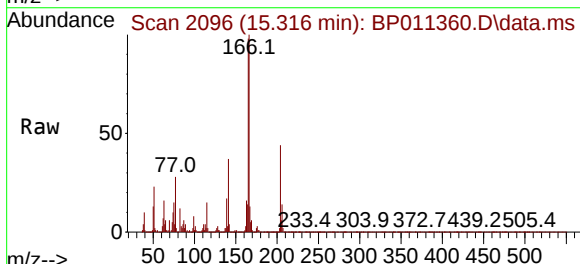
Instrument :
BNA_P
ClientSampleId :

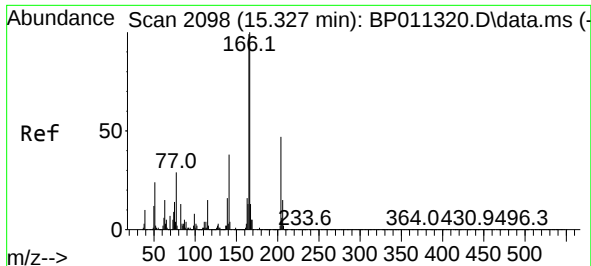
Tgt Ion:149 Resp: 958889
Ion Ratio Lower Upper
149 100
177 18.9 16.1 24.1
150 12.5 9.4 14.0



#61
Fluorene
Concen: 38.654 ng/ul
RT: 15.316 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:166 Resp: 810781
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 13.3 11.0 16.4

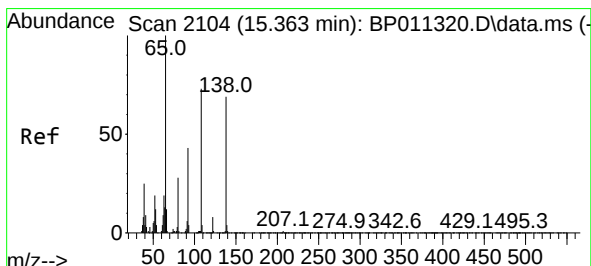
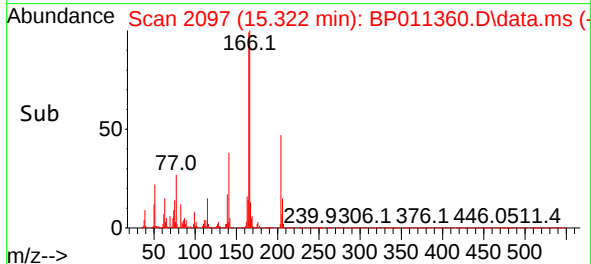
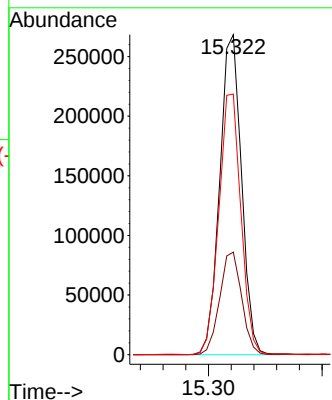
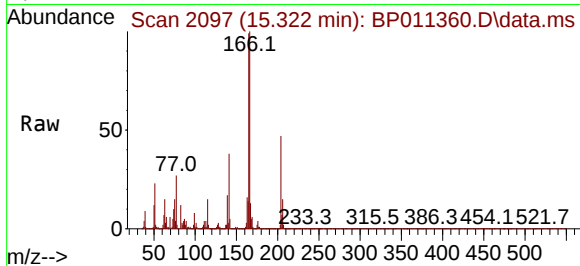




#62
4-Chlorophenyl-phenylether
Concen: 39.064 ng/ul
RT: 15.322 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

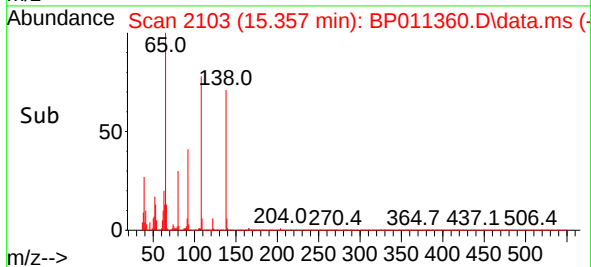
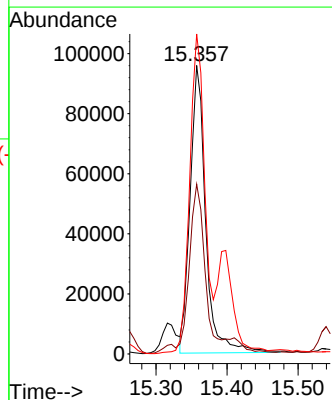
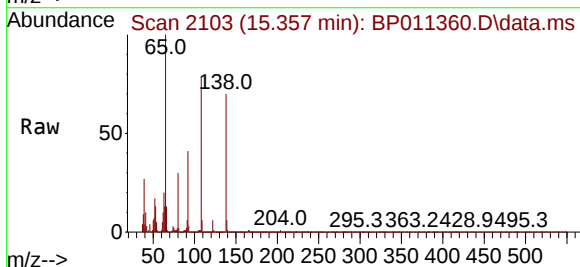
Instrument :
BNA_P
ClientSampleId :

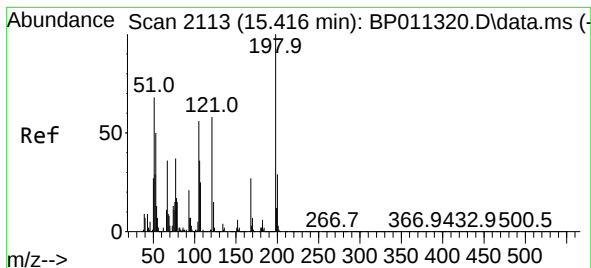
Tgt Ion:204 Resp: 358167
Ion Ratio Lower Upper
204 100
206 32.0 27.3 40.9
141 81.5 57.7 86.5



#63
4-Nitroaniline
Concen: 41.891 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:138 Resp: 146187
Ion Ratio Lower Upper
138 100
92 58.8 55.9 83.9
108 110.9 67.1 100.7#

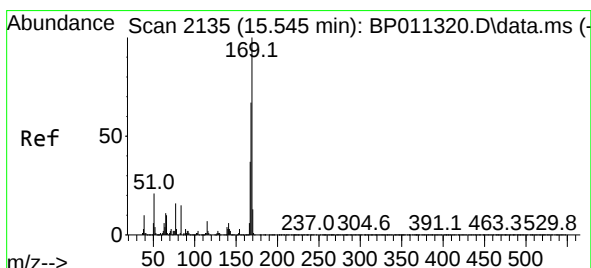
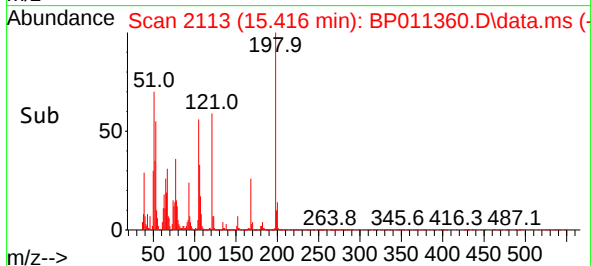
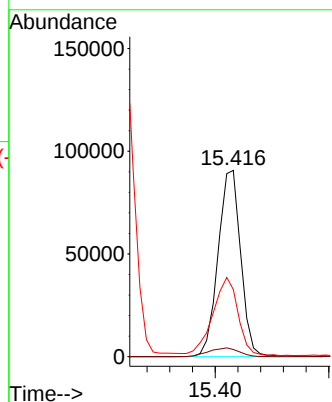
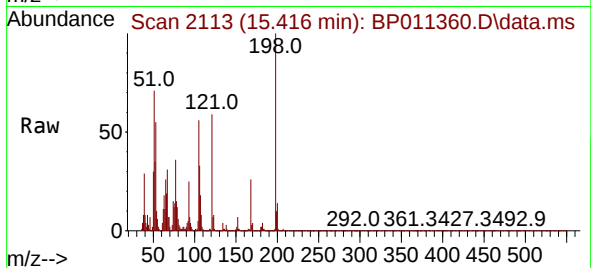




#66
 4,6-Dinitro-2-methylphenol
 Concen: 44.614 ng/ul
 RT: 15.416 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: BP011360.D
 Acq: 10 Aug 2022 09:26

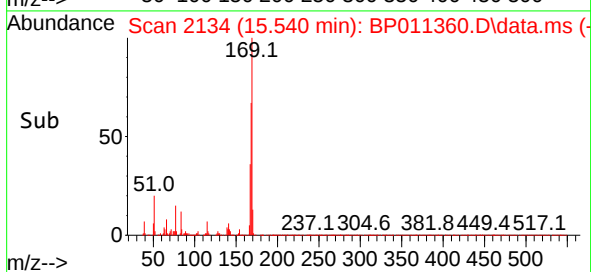
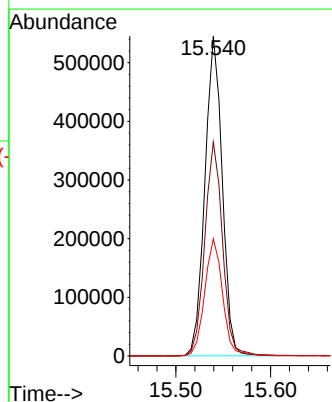
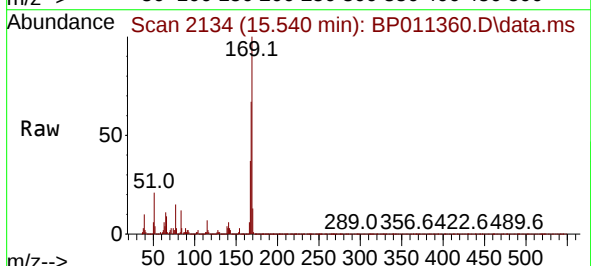
Instrument :
 BNA_P
 ClientSampleId :

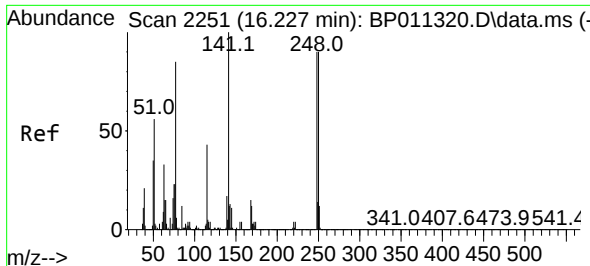
Tgt Ion:198 Resp: 125614
 Ion Ratio Lower Upper
 198 100
 182 3.9 7.4 11.0#
 77 36.0 28.6 42.8



#67
 N-Nitrosodiphenylamine
 Concen: 39.909 ng/ul
 RT: 15.540 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BP011360.D
 Acq: 10 Aug 2022 09:26

Tgt Ion:169 Resp: 692321
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.6 80.4
 167 36.6 30.0 45.0

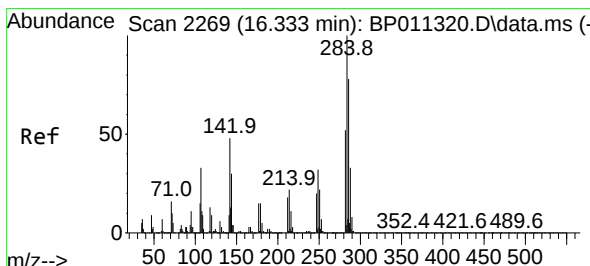
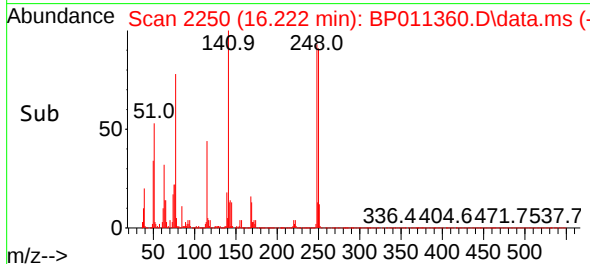
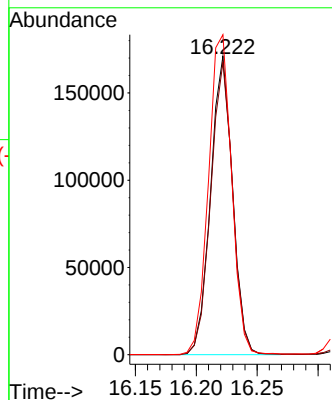
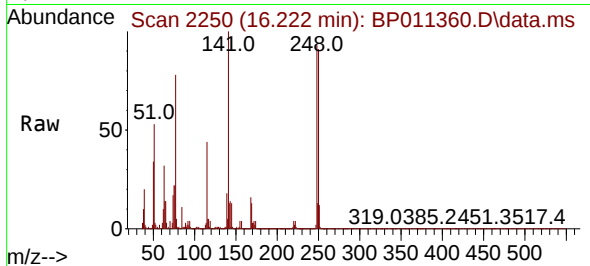




#68
4-Bromophenyl-phenylether
Concen: 41.224 ng/ul
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

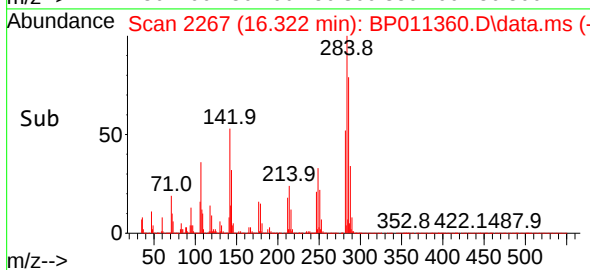
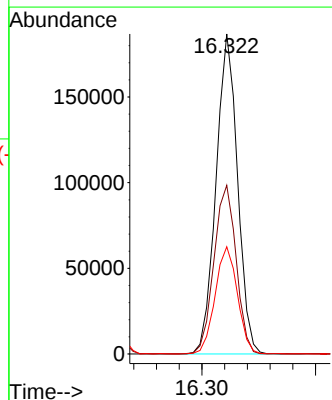
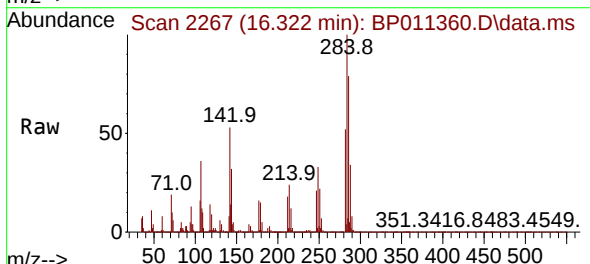
Instrument :
BNA_P
ClientSampleId :

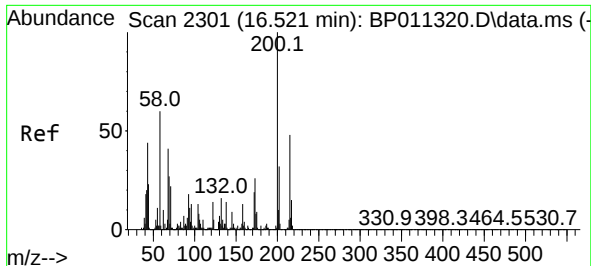
Tgt Ion:248 Resp: 214755
Ion Ratio Lower Upper
248 100
250 97.9 77.3 115.9
141 107.2 76.4 114.6



#69
Hexachlorobenzene
Concen: 40.345 ng/ul
RT: 16.322 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:284 Resp: 245541
Ion Ratio Lower Upper
284 100
142 52.7 39.5 59.3
249 33.5 25.1 37.7

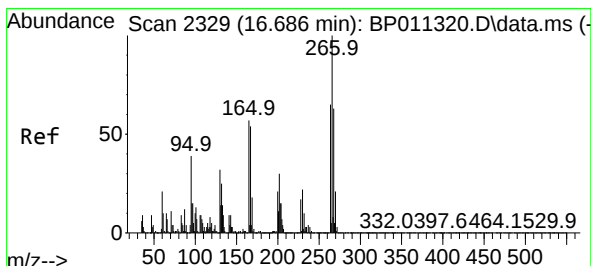
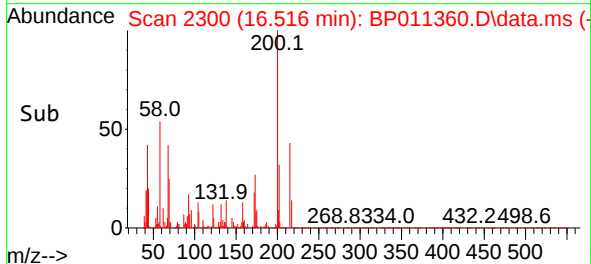
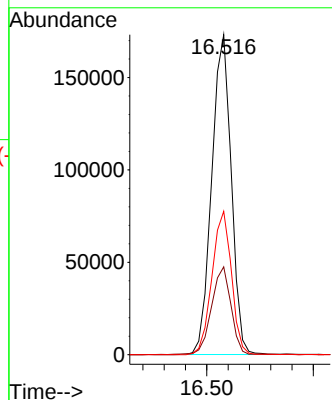
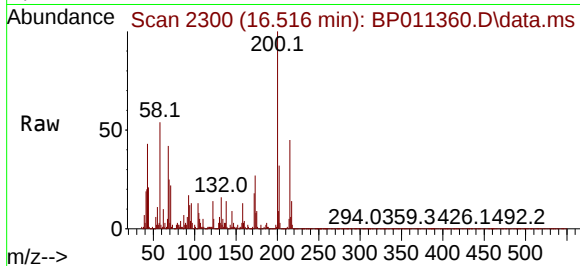




#70
Atrazine
Concen: 38.027 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

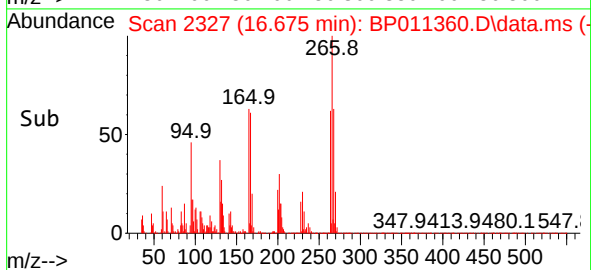
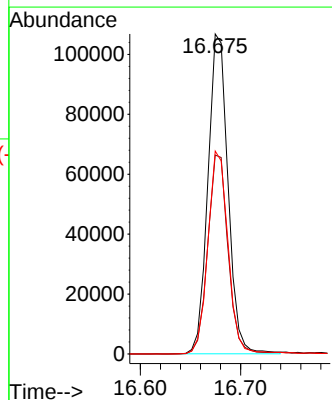
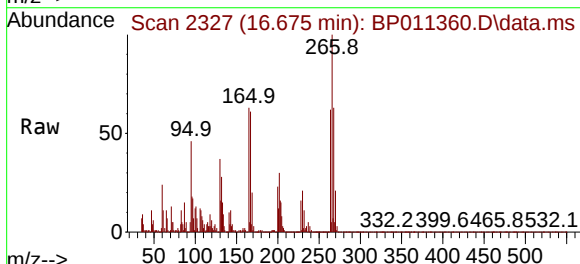
Instrument :
BNA_P
ClientSampleId :

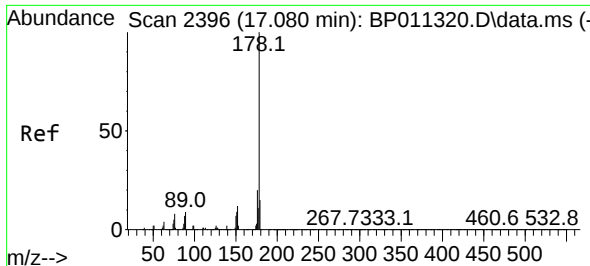
Tgt Ion:200 Resp: 219881
Ion Ratio Lower Upper
200 100
173 27.5 22.6 34.0
215 44.8 36.5 54.7



#71
Pentachlorophenol
Concen: 42.149 ng/ul
RT: 16.675 min Scan# 2327
Delta R.T. -0.012 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:266 Resp: 148917
Ion Ratio Lower Upper
266 100
264 62.2 52.2 78.2
268 63.4 50.6 75.8

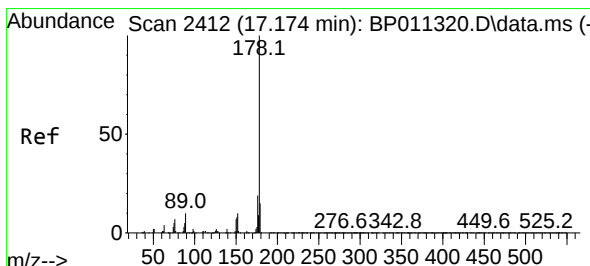
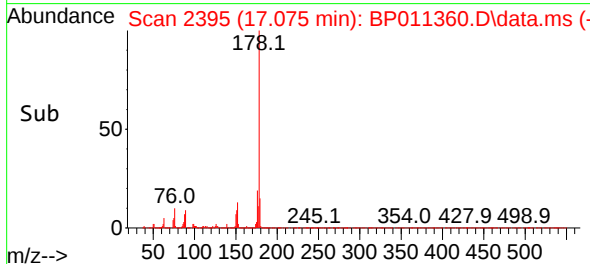
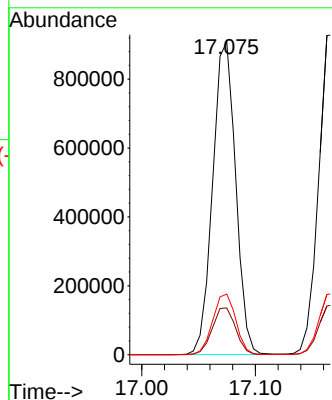
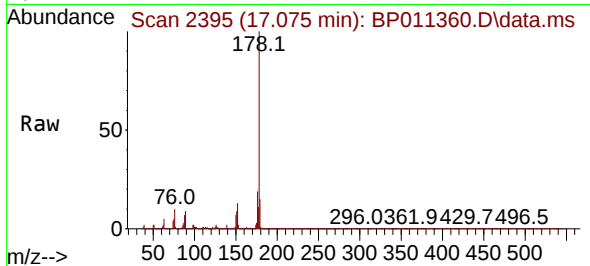




#72
Phenanthrene
Concen: 38.684 ng/ul
RT: 17.075 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

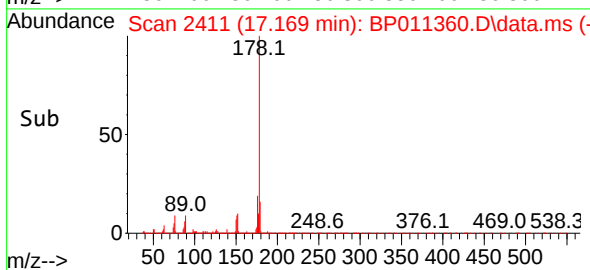
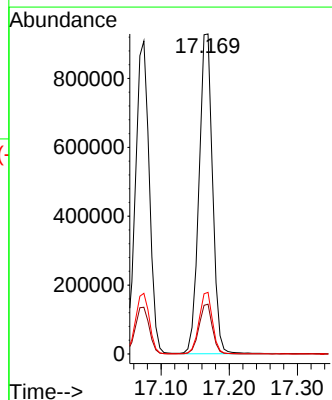
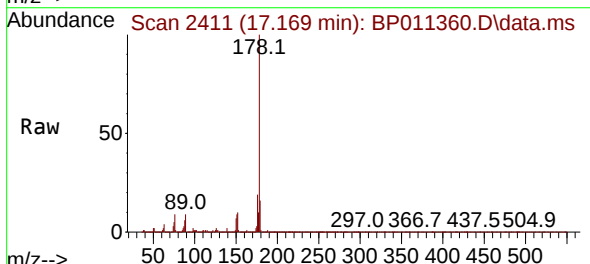
Instrument :
BNA_P
ClientSampleId :

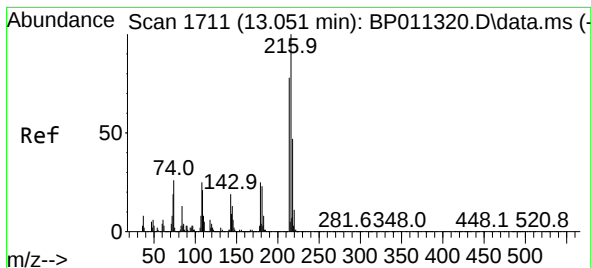
Tgt Ion:178 Resp: 1276928
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 19.4 15.4 23.2



#74
Anthracene
Concen: 39.071 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:178 Resp: 1283927
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.3 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.508 ng/uL

RT: 13.040 min Scan# 1709

Delta R.T. -0.012 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

Instrument :

BNA_P

ClientSampleId :

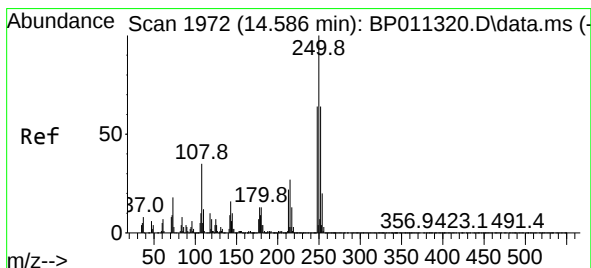
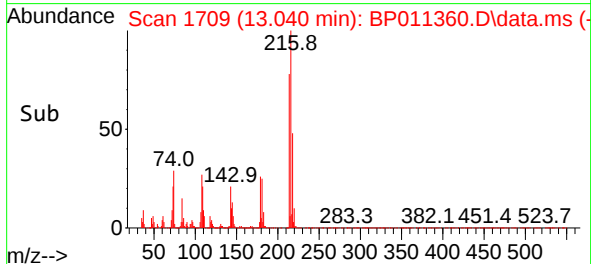
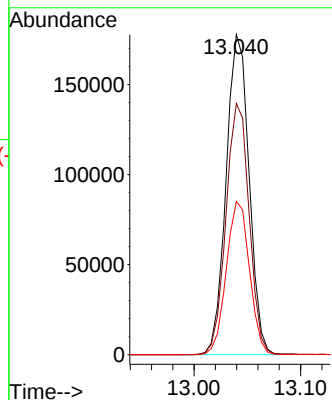
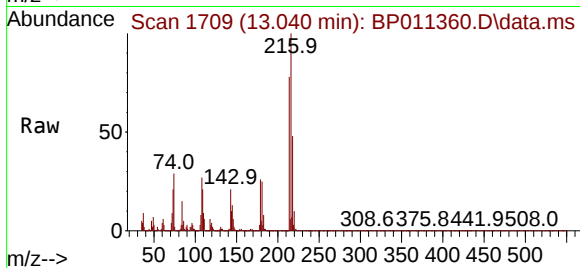
Tgt Ion:216 Resp: 266285

Ion Ratio Lower Upper

216 100

214 78.5 62.0 93.0

218 47.9 38.2 57.4



#76

Pentachlorobenzene

Concen: 37.191 ng/uL

RT: 14.575 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

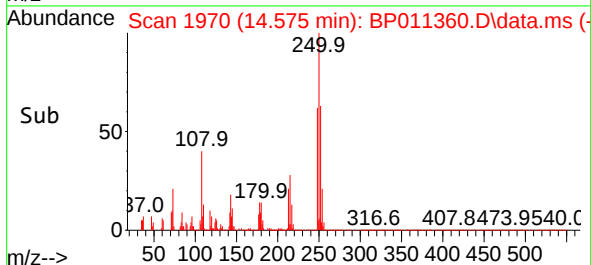
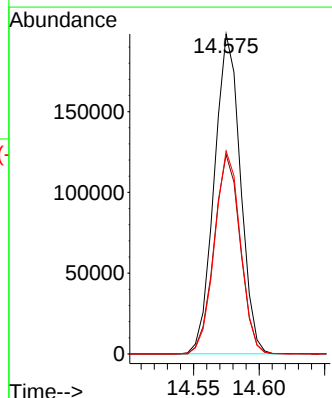
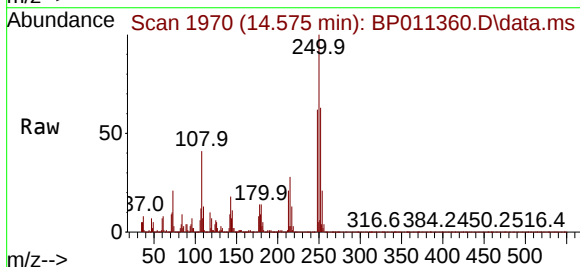
Tgt Ion:250 Resp: 273733

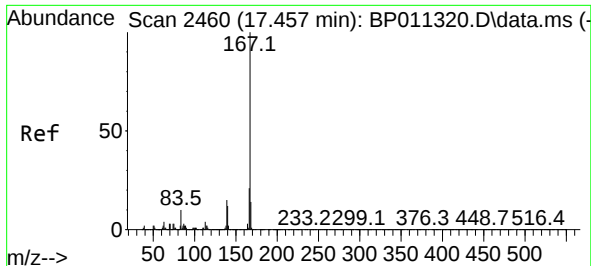
Ion Ratio Lower Upper

250 100

248 62.2 49.2 73.8

252 63.4 50.8 76.2

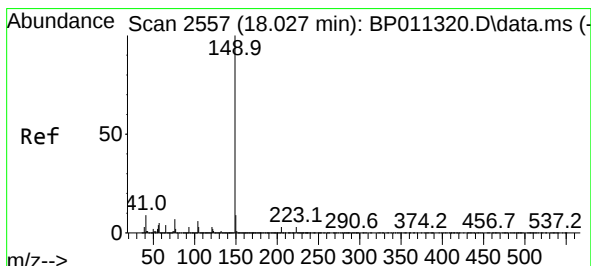
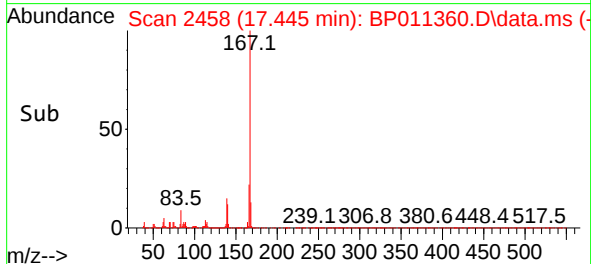
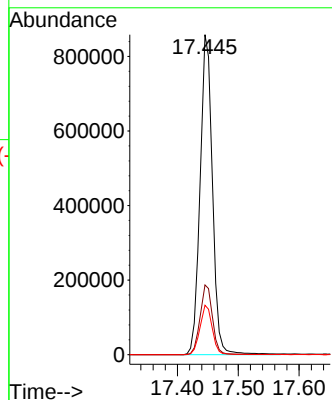
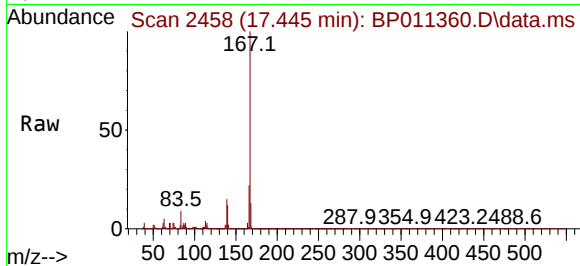




#77
 Carbazole
 Concen: 39.499 ng/ul
 RT: 17.445 min Scan# 2460
 Delta R.T. -0.006 min
 Lab File: BP011360.D
 Acq: 10 Aug 2022 09:26

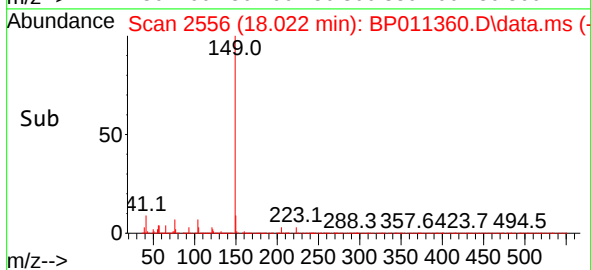
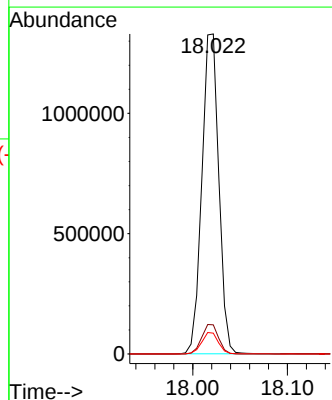
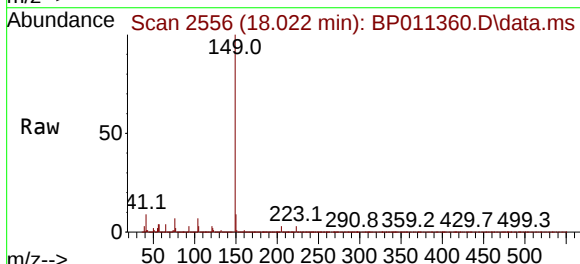
Instrument :
 BNA_P
 ClientSampleId :

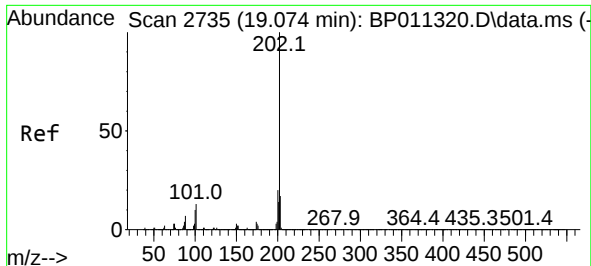
Tgt Ion:167 Resp: 1212921
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 15.4 11.5 17.3



#78
 Di-n-butylphthalate
 Concen: 49.077 ng/ul
 RT: 18.022 min Scan# 2556
 Delta R.T. -0.006 min
 Lab File: BP011360.D
 Acq: 10 Aug 2022 09:26

Tgt Ion:149 Resp: 1647887
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.5 5.1 7.7

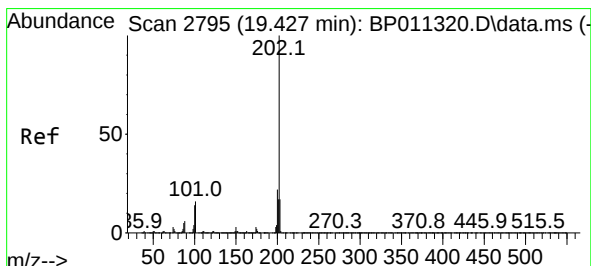
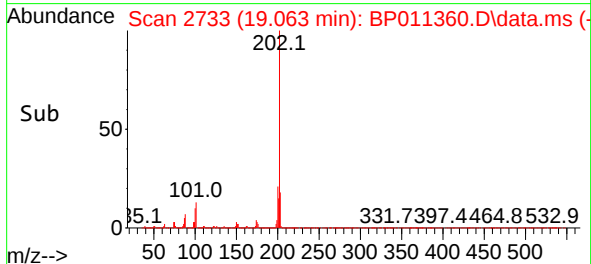
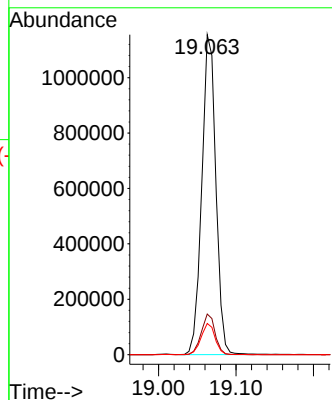
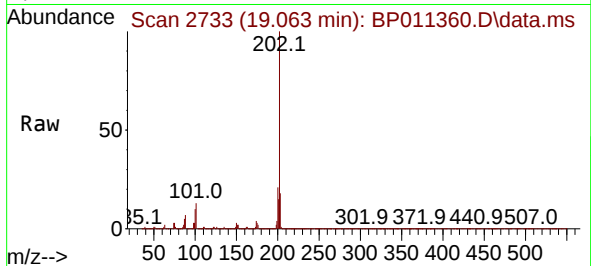




#80
Fluoranthene
Concen: 40.038 ng/u1
RT: 19.063 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

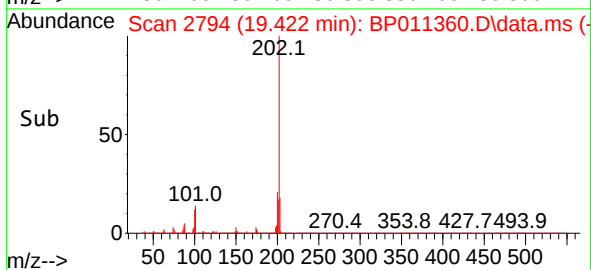
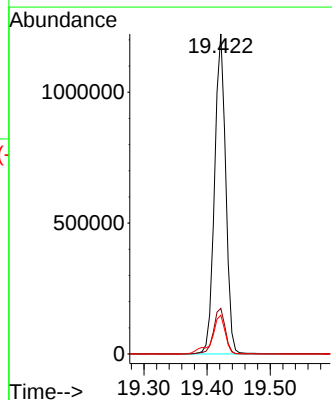
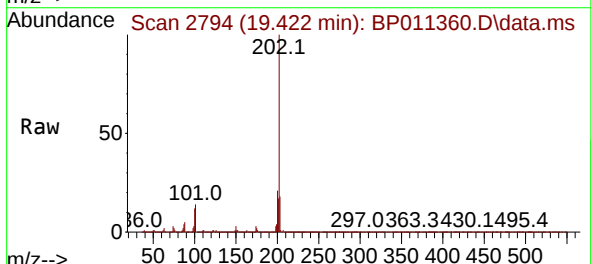
Instrument :
BNA_P
ClientSampleId :

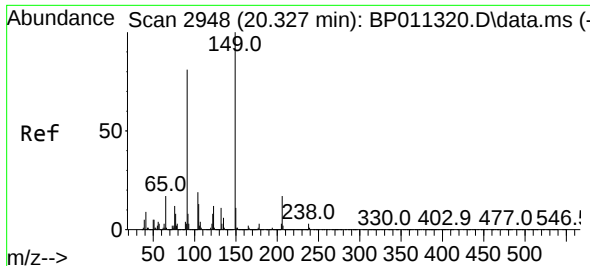
Tgt Ion:202 Resp: 1455646
Ion Ratio Lower Upper
202 100
101 12.7 11.9 17.9
100 9.8 9.3 13.9



#82
Pyrene
Concen: 38.925 ng/u1
RT: 19.422 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:202 Resp: 1493717
Ion Ratio Lower Upper
202 100
101 14.2 14.3 21.5#
100 12.1 11.8 17.6

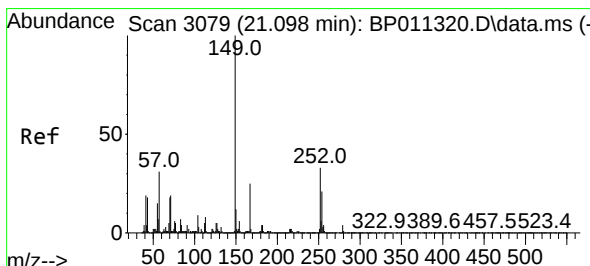
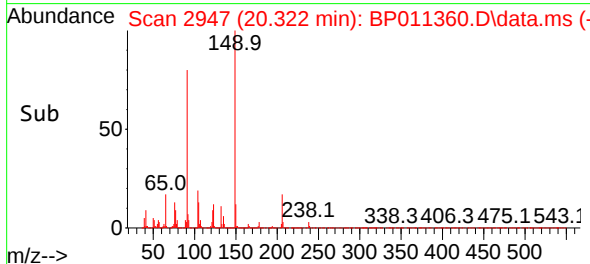
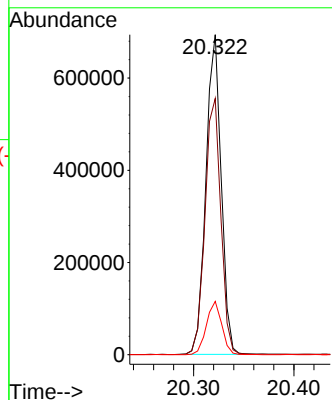
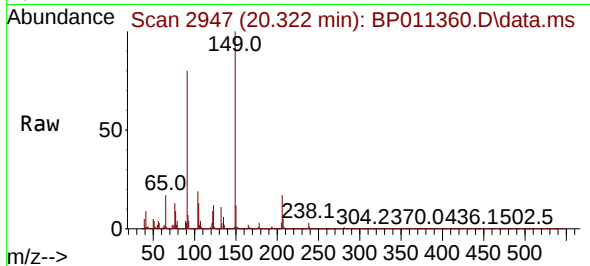




#83
Butylbenzylphthalate
Concen: 60.230 ng/ul
RT: 20.322 min Scan# 2948
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

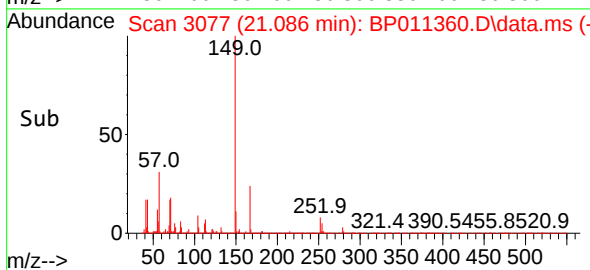
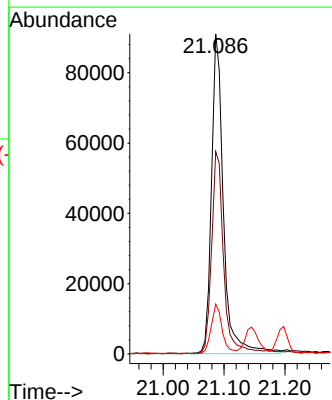
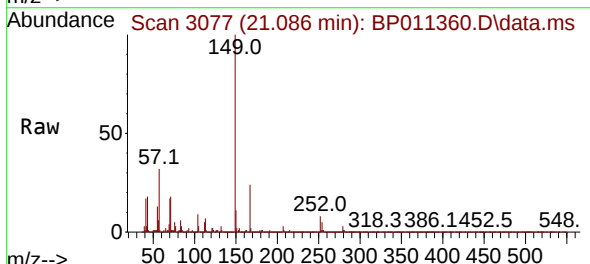
Instrument :
BNA_P
ClientSampleId :

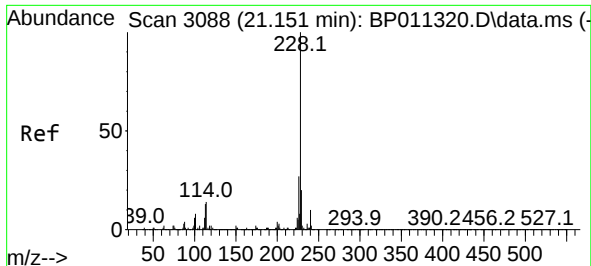
Tgt Ion:149 Resp: 736524
Ion Ratio Lower Upper
149 100
91 80.0 64.2 96.4
206 16.7 14.0 21.0



#84
3,3'-Dichlorobenzidine
Concen: 12.573 ng/ul
RT: 21.086 min Scan# 3077
Delta R.T. -0.012 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:252 Resp: 124061
Ion Ratio Lower Upper
252 100
254 63.2 51.8 77.6
126 15.6 11.4 17.0

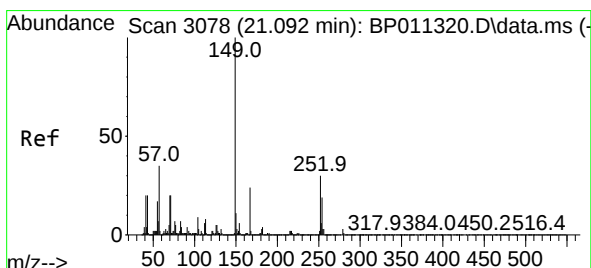
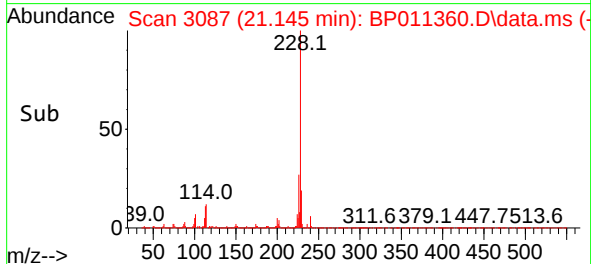
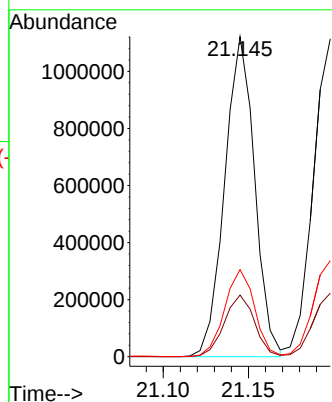
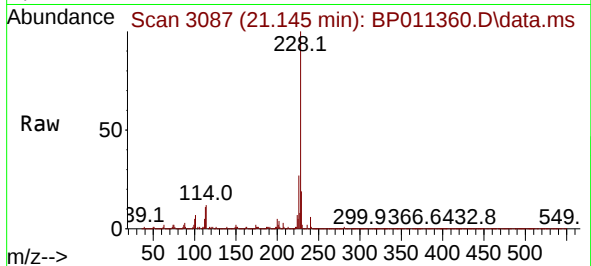




#85
Benzo(a)anthracene
Concen: 39.399 ng/ul
RT: 21.145 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

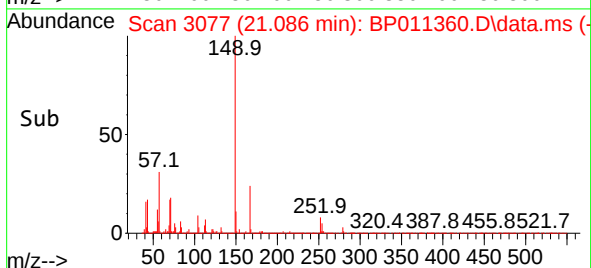
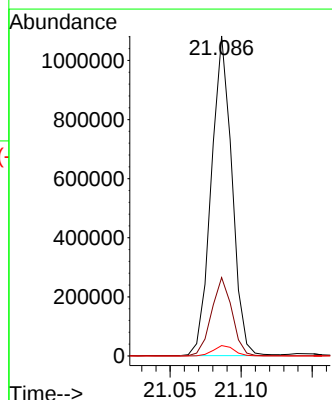
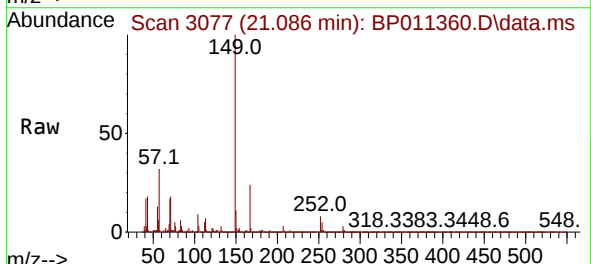
Instrument :
BNA_P
ClientSampleId :

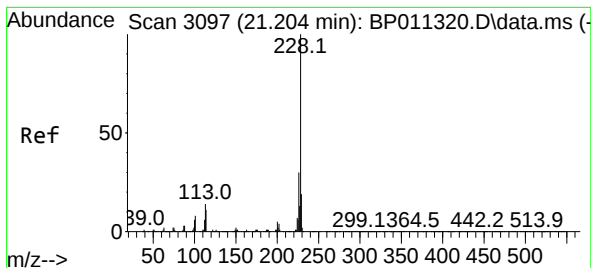
Tgt Ion:228 Resp: 1370402
Ion Ratio Lower Upper
228 100
229 19.2 15.8 23.6
226 27.2 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 55.758 ng/ul
RT: 21.086 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:149 Resp: 1094582
Ion Ratio Lower Upper
149 100
167 24.5 20.4 30.6
279 3.2 2.9 4.3





#87

Chrysene

Concen: 38.785 ng/ul

RT: 21.198 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

Instrument :

BNA_P

ClientSampleId :

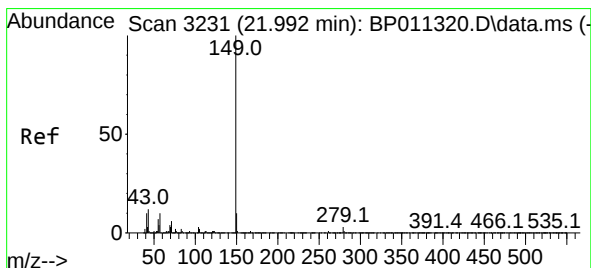
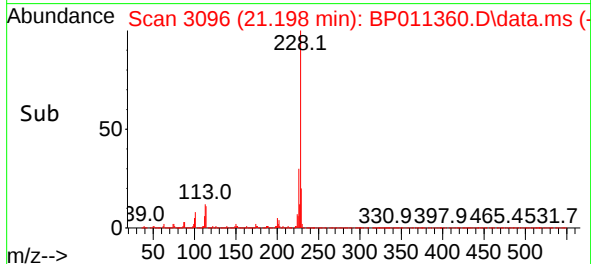
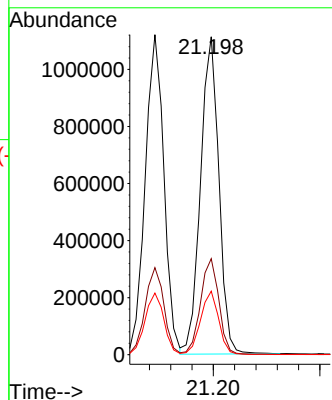
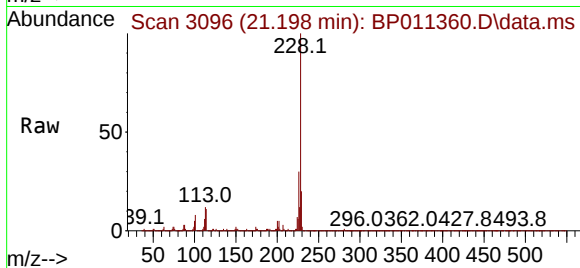
Tgt Ion:228 Resp: 1335455

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 20.0 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 50.358 ng/ul

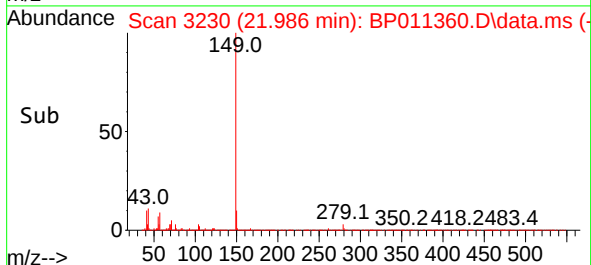
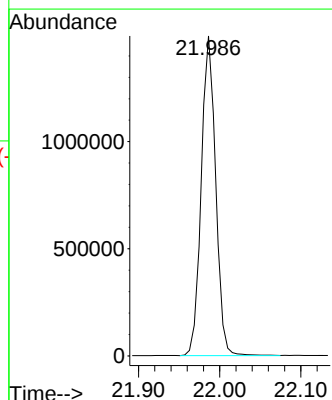
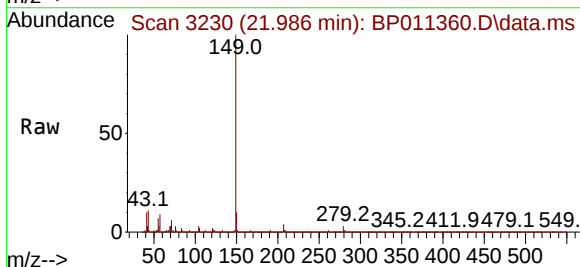
RT: 21.986 min Scan# 3230

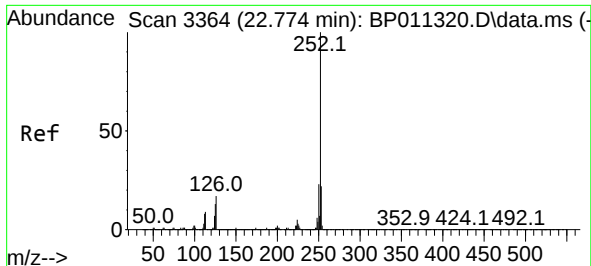
Delta R.T. -0.012 min

Lab File: BP011360.D

Acq: 10 Aug 2022 09:26

Tgt Ion:149 Resp: 1840268

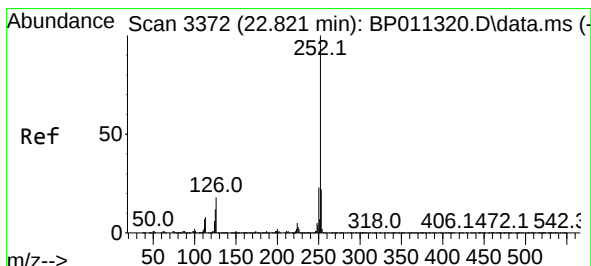
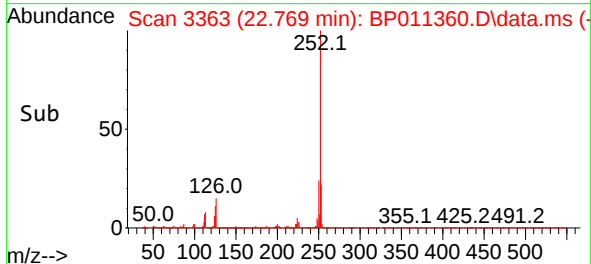
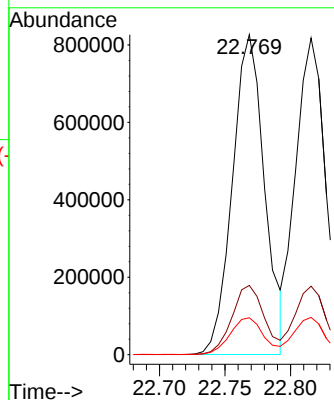
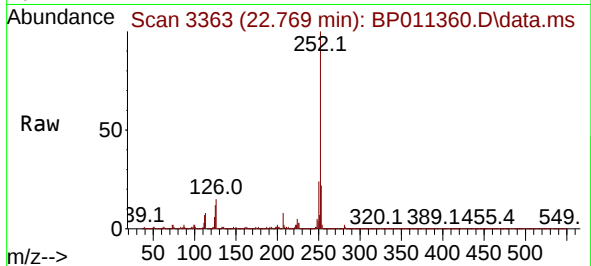




#90
Benzo(b)fluoranthene
Concen: 40.626 ng/ul
RT: 22.769 min Scan# 3364
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

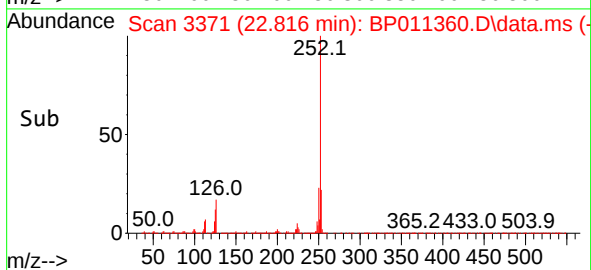
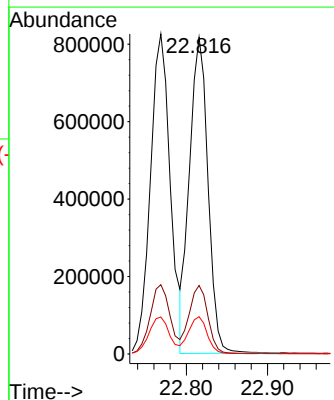
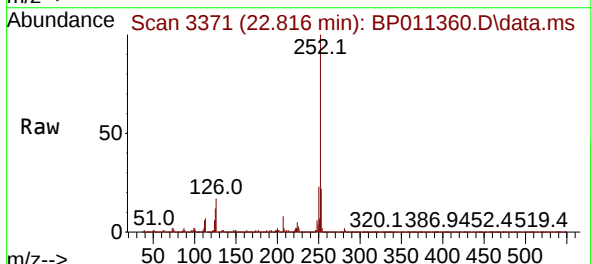
Instrument :
BNA_P
ClientSampleId :

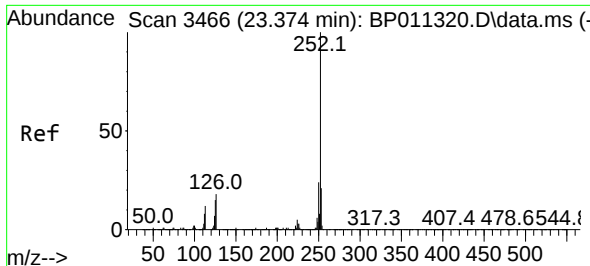
Tgt Ion:252 Resp: 1408296
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.6 10.8 16.2



#91
Benzo(k)fluoranthene
Concen: 38.256 ng/ul
RT: 22.816 min Scan# 3371
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:252 Resp: 1297514
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 11.8 11.0 16.6

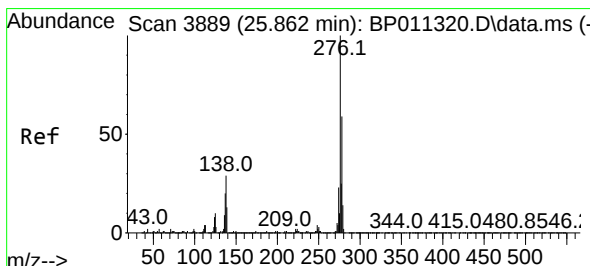
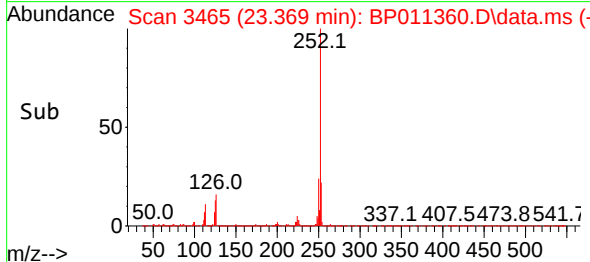
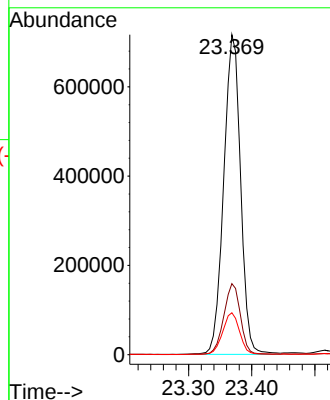
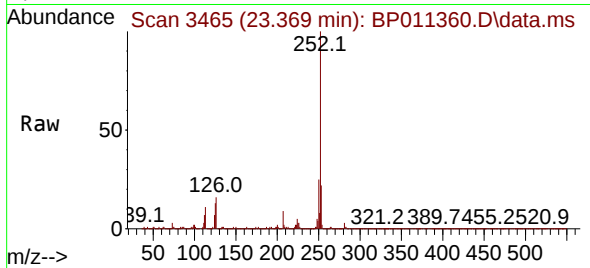




#93
Benzo(a)pyrene
Concen: 39.734 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

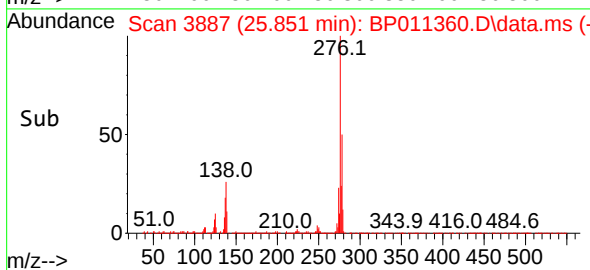
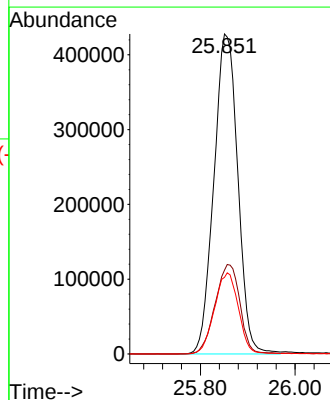
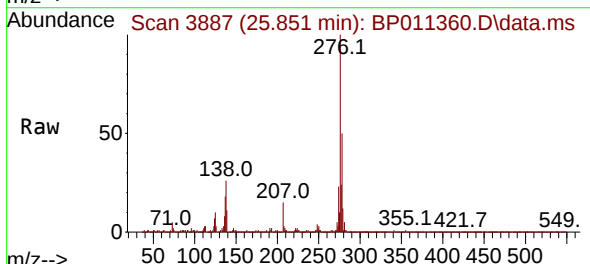
Instrument :
BNA_P
ClientSampleId :

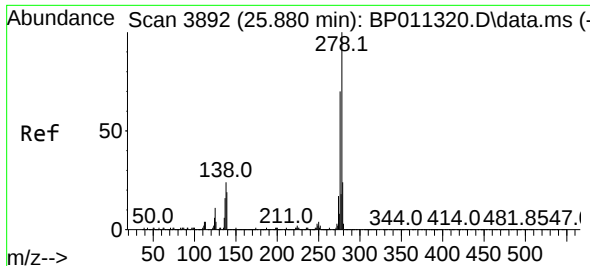
Tgt Ion:252 Resp: 1328457
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 13.1 12.5 18.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 40.592 ng/ul
RT: 25.851 min Scan# 3887
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:276 Resp: 1500314
Ion Ratio Lower Upper
276 100
138 26.2 25.5 38.3
277 24.0 19.8 29.8

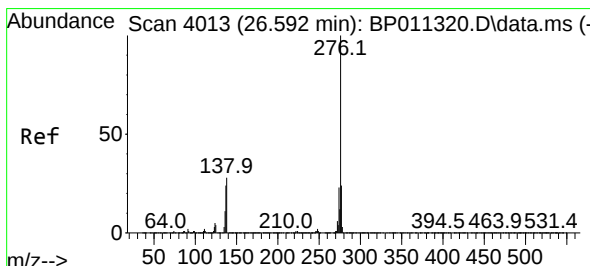
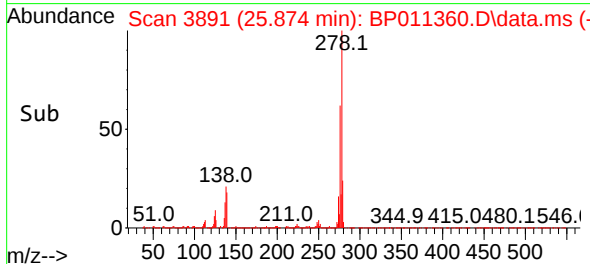
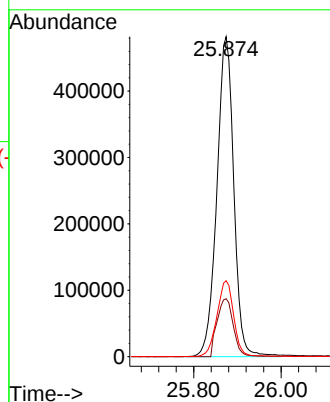
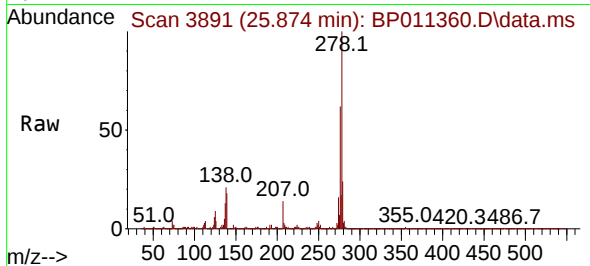




#95
Dibenzo(a,h)anthracene
Concen: 41.081 ng/ul
RT: 25.874 min Scan# 3892
Delta R.T. -0.012 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 1291354
Ion Ratio Lower Upper
278 100
139 18.1 18.5 27.7#
279 23.7 19.6 29.4



#96
Benzo(g,h,i)perylene
Concen: 40.267 ng/ul
RT: 26.586 min Scan# 4012
Delta R.T. -0.006 min
Lab File: BP011360.D
Acq: 10 Aug 2022 09:26

Tgt Ion:276 Resp: 1255843
Ion Ratio Lower Upper
276 100
138 24.4 22.8 34.2
277 23.9 18.5 27.7

