

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011367.D
 Acq On : 10 Aug 2022 13:27
 Operator : CG/JU
 Sample : PB146836BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 10 23:58:59 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	111368	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.375	136	479309	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	278502	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	550090	20.000	ng/u1	-0.01
79) Chrysene-d12	21.157	240	508601	20.000	ng/u1	-0.01
88) Perylene-d12	23.469	264	492518	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	21222	5.842	ng/uL	0.00
4) Pyridine-d5	3.499	84	169509	18.498	ng/u1	0.00
7) Phenol-d5	6.769	99	323483	32.822	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	207824	29.739	ng/u1	0.00
11) 2-Chlorophenol-d4	7.117	132	256901	33.221	ng/u1	0.00
15) 4-Methylphenol-d8	8.311	113	253626	32.774	ng/u1	0.00
21) Nitrobenzene-d5	8.752	128	121780	37.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	128796	43.125	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	220883	36.623	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	170627	16.182	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	688757	35.643	ng/u1	0.00
49) Acenaphthylene-d8	13.946	160	824522	35.446	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.493	143	124379	35.241	ng/u1	0.00
60) Fluorene-d10	15.263	176	565329	34.209	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	100257	39.238	ng/u1	0.00
73) Anthracene-d10	17.128	188	843028	34.096	ng/u1	-0.01
81) Pyrene-d10	19.392	212	940096	33.550	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.316	264	883219	35.559	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	41012	10.628	ng/uL#	85
5) Pyridine	3.517	79	245971	25.769	ng/u1	88
6) Benzaldehyde	6.734	77	203011	47.264	ng/u1	97
8) Phenol	6.799	94	310075	29.065	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.022	93	242102	28.179	ng/u1	98
12) 2-Chlorophenol	7.152	128	254216	31.548	ng/u1	97
13) 2-Methylphenol	8.040	108	229644	29.889	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.116	45	216047	16.766	ng/u1	96
16) Acetophenone	8.416	105	384595	30.717	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.405	70	205061	33.247	ng/u1	97
18) 4-Methylphenol	8.375	108	245871	29.856	ng/u1	99
19) Hexachloroethane	8.652	117	110960	32.612	ng/u1	99
22) Nitrobenzene	8.793	77	303003	33.181	ng/u1	96
23) Isophorone	9.322	82	553925	33.069	ng/u1	98
25) 2-Nitrophenol	9.499	139	132307	38.012	ng/u1#	88
26) 2,4-Dimethylphenol	9.569	107	289946	32.968	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.810	93	322067	30.086	ng/u1	98
29) 2,4-Dichlorophenol	10.028	162	210756	33.416	ng/u1	99
30) Naphthalene	10.422	128	782970	30.025	ng/u1	99
32) 4-Chloroaniline	10.552	127	272093	25.744	ng/u1	98
33) Hexachlorobutadiene	10.705	225	129656	33.509	ng/u1	99
34) Caprolactam	11.352	113	49647	23.539	ng/u1	87
35) 4-Chloro-3-methylphenol	11.693	107	266023	35.874	ng/u1	98
36) 2-Methylnaphthalene	12.052	142	508161	31.437	ng/u1	99

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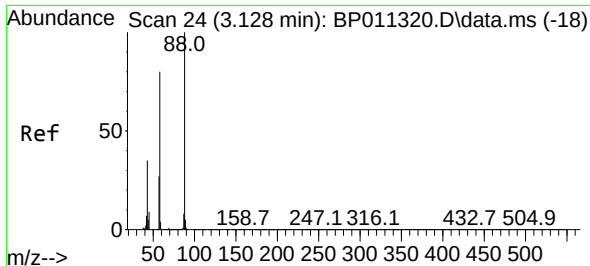
Quant Time: Aug 10 23:58:59 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	510026	31.107	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	224589	30.632	ng/ul	95
40) Hexachlorocyclopentadiene	12.399	237	114082	29.036	ng/ul	100
41) 2,4,6-Trichlorophenol	12.681	196	145075	32.702	ng/ul	99
42) 2,4,5-Trichlorophenol	12.752	196	161275	34.062	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	652793	29.850	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	495671	30.208	ng/ul	97
45) 2-Nitroaniline	13.346	65	181583	43.573	ng/ul	97
47) Dimethylphthalate	13.728	163	649815	33.201	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	125246	40.927	ng/ul	98
50) Acenaphthylene	13.975	152	840879	31.360	ng/ul	99
51) 3-Nitroaniline	14.181	138	139038	41.302	ng/ul	96
52) Acenaphthene	14.322	153	549826	30.746	ng/ul	98
53) 2,4-Dinitrophenol	14.393	184	63611	35.034	ng/ul#	88
55) 4-Nitrophenol	14.504	109	130640	39.900	ng/ul#	75
56) Dibenzofuran	14.663	168	751386	30.993	ng/ul	93
57) 2,4-Dinitrotoluene	14.646	165	185907	39.633	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.893	232	120647	32.755	ng/ul#	94
59) Diethylphthalate	15.110	149	716046	35.315	ng/ul	98
61) Fluorene	15.316	166	618174	31.397	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	274972	31.949	ng/ul	91
63) 4-Nitroaniline	15.357	138	133029	40.611	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.410	198	95768	36.400	ng/ul#	91
67) N-Nitrosodiphenylamine	15.540	169	527774	32.558	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	160972	33.068	ng/ul	92
69) Hexachlorobenzene	16.322	284	184135	32.379	ng/ul	93
70) Atrazine	16.510	200	27777	5.141	ng/ul	99
71) Pentachlorophenol	16.675	266	92712	28.082	ng/ul	97
72) Phenanthrene	17.075	178	959302	31.101	ng/ul	100
74) Anthracene	17.163	178	967274	31.500	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	227429	28.799	ng/ul	99
76) Pentachlorobenzene	14.575	250	213765	31.082	ng/ul	100
77) Carbazole	17.445	167	897228	31.269	ng/ul	98
78) Di-n-butylphthalate	18.016	149	1223541	38.996	ng/ul	99
80) Fluoranthene	19.063	202	1079167	31.642	ng/ul	95
82) Pyrene	19.422	202	1108066	30.781	ng/ul#	92
83) Butylbenzylphthalate	20.316	149	539053	46.990	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.086	252	319530	34.521	ng/ul	99
85) Benzo(a)anthracene	21.145	228	1018342	31.209	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	804940	43.709	ng/ul	99
87) Chrysene	21.198	228	1013057	31.363	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	1353534	39.609	ng/ul	100
90) Benzo(b)fluoranthene	22.763	252	1030023	31.775	ng/ul	98
91) Benzo(k)fluoranthene	22.810	252	1007124	31.755	ng/ul	99
93) Benzo(a)pyrene	23.369	252	1016443	32.511	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.851	276	1126019	32.579	ng/ul	94
95) Dibenzo(a,h)anthracene	25.868	278	960108	32.662	ng/ul#	94
96) Benzo(g,h,i)perylene	26.580	276	951763	32.634	ng/ul	96

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

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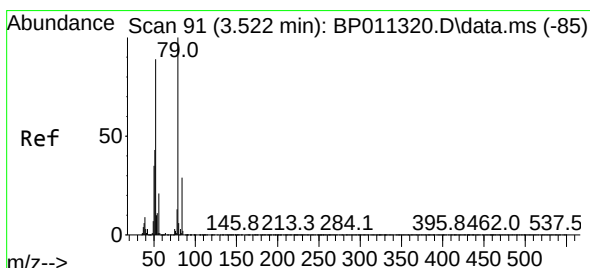
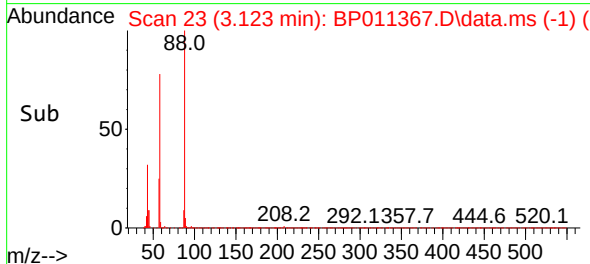
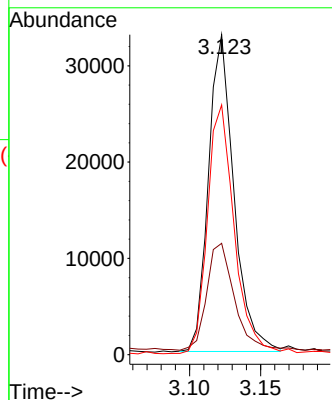
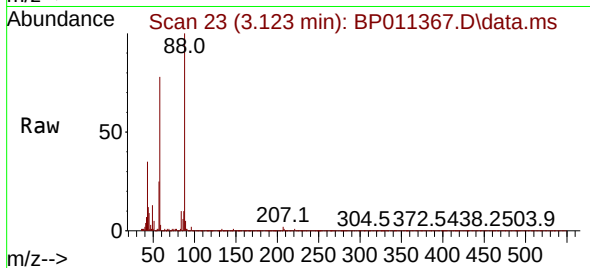




#2
1,4-Dioxane
Concen: 10.628 ng/uL
RT: 3.123 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP011367.D
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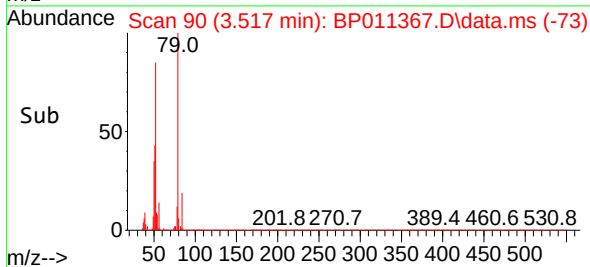
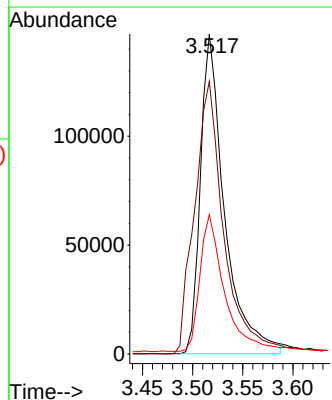
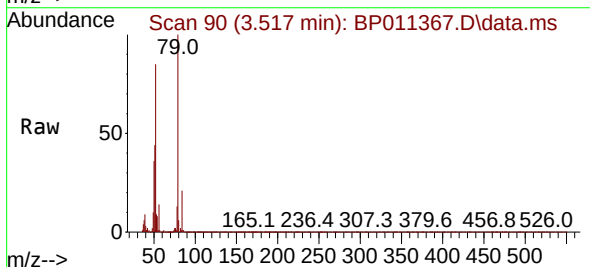
Instrument :
BNA_P
ClientSampleId :

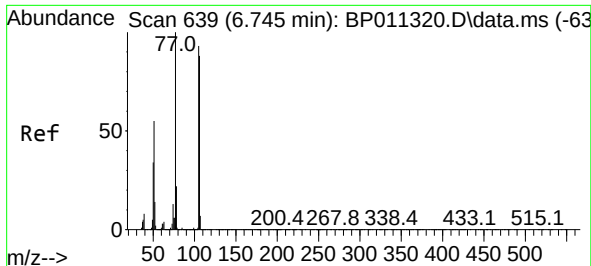
Tgt Ion: 88 Resp: 41012
Ion Ratio Lower Upper
88 100
43 34.8 29.6 44.4
58 78.0 49.1 73.7#



#5
Pyridine
Concen: 25.769 ng/uL
RT: 3.517 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion: 79 Resp: 245971
Ion Ratio Lower Upper
79 100
52 85.2 57.8 86.6
51 43.6 31.5 47.3

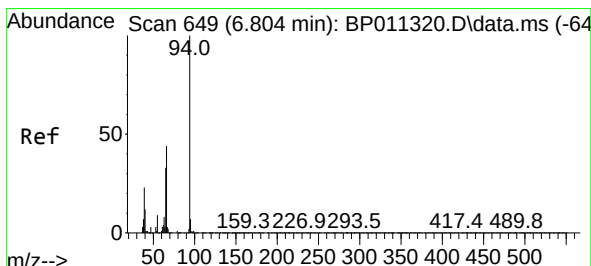
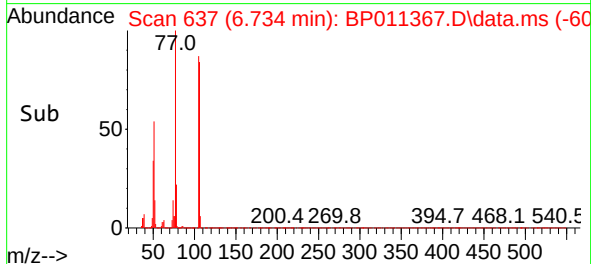
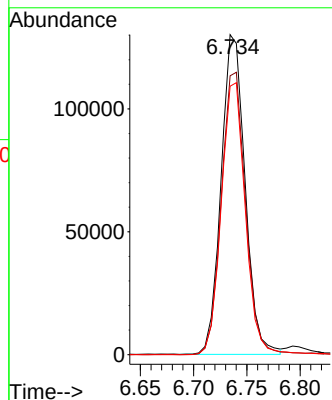
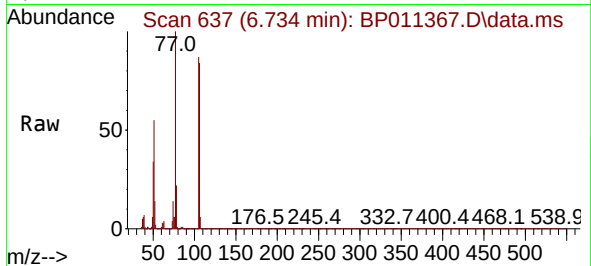




#6
Benzaldehyde
Concen: 47.264 ng/ul
RT: 6.734 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

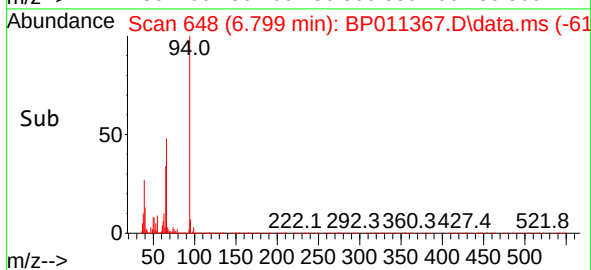
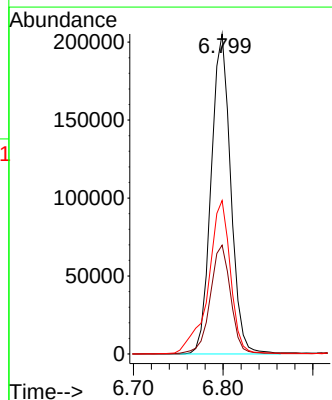
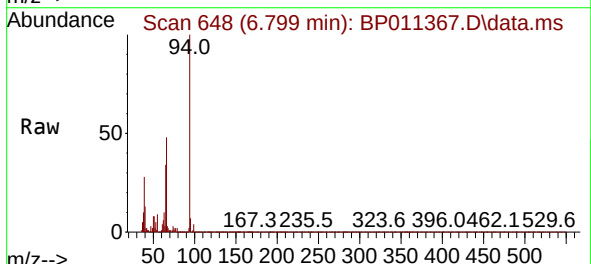
Instrument :
BNA_P
ClientSampleId :

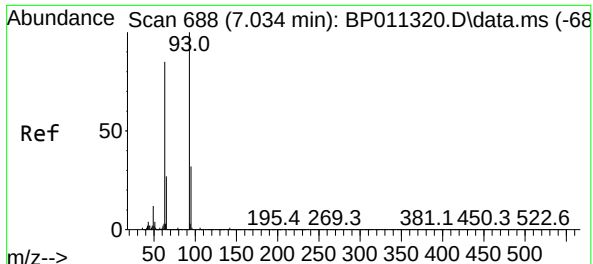
Tgt Ion: 77 Resp: 203011
Ion Ratio Lower Upper
77 100
105 87.1 72.0 108.0
106 83.9 69.4 104.0



#8
Phenol
Concen: 29.065 ng/ul
RT: 6.799 min Scan# 648
Delta R.T. 0.000 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion: 94 Resp: 310075
Ion Ratio Lower Upper
94 100
65 34.0 24.7 37.1
66 47.9 32.6 49.0





#10

Bis(2-Chloroethyl)ether

Concen: 28.179 ng/ul

RT: 7.022 min Scan# 688

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

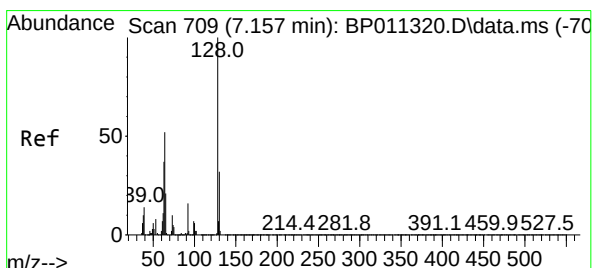
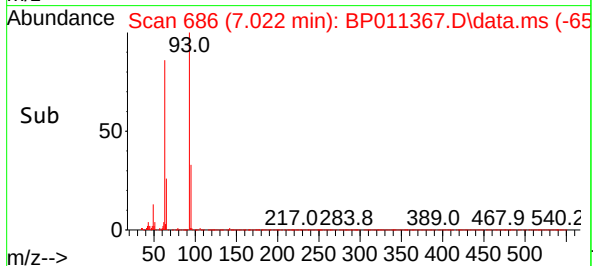
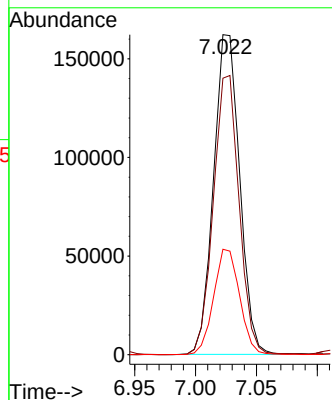
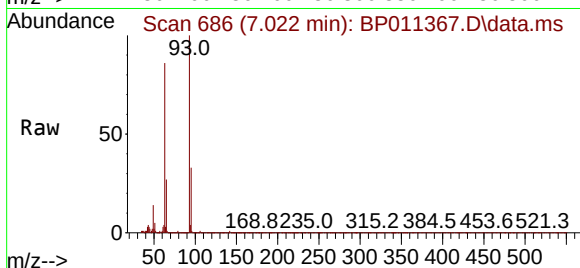
Tgt Ion: 93 Resp: 242102

Ion Ratio Lower Upper

93 100

63 86.4 71.0 106.6

95 33.0 26.0 39.0



#12

2-Chlorophenol

Concen: 31.548 ng/ul

RT: 7.152 min Scan# 708

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

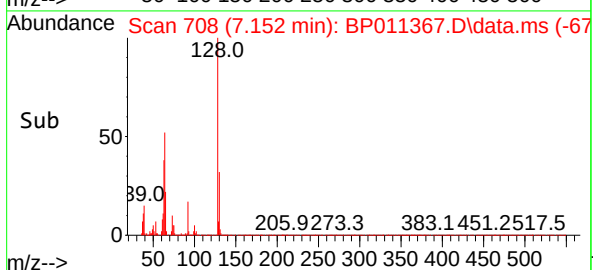
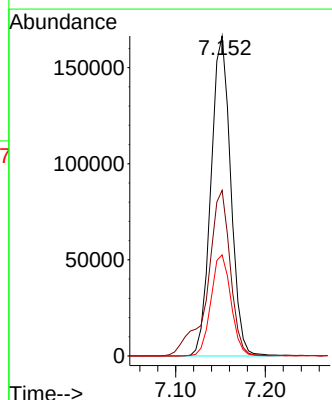
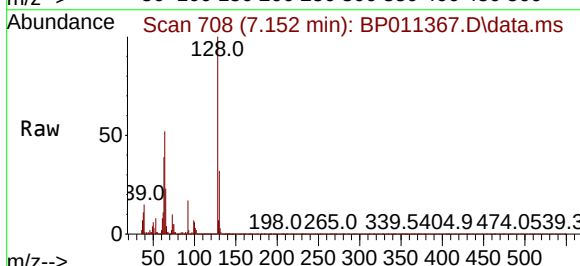
Tgt Ion:128 Resp: 254216

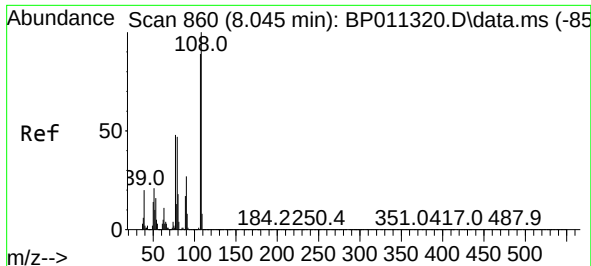
Ion Ratio Lower Upper

128 100

64 51.8 43.8 65.6

130 31.6 25.4 38.2





#13

2-Methylphenol

Concen: 29.889 ng/ul

RT: 8.040 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

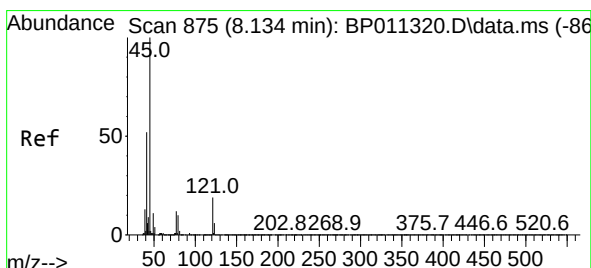
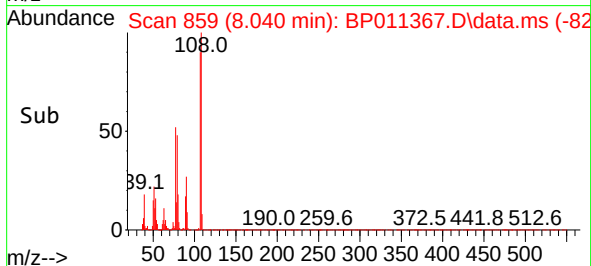
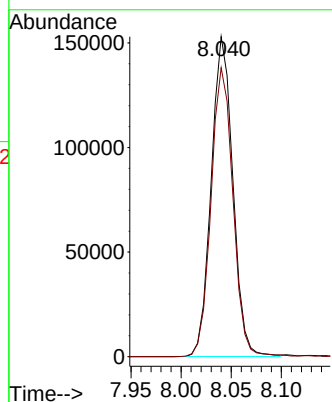
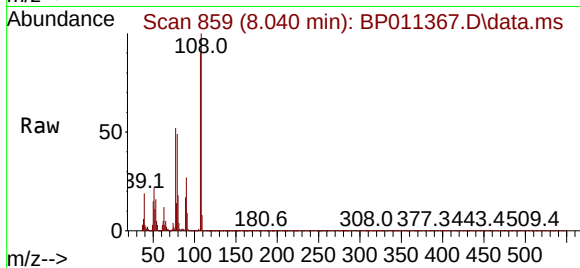
ClientSampleId :

Tgt Ion:108 Resp: 229644

Ion Ratio Lower Upper

108 100

107 90.3 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.766 ng/ul

RT: 8.116 min Scan# 872

Delta R.T. -0.018 min

Lab File: BP011367.D

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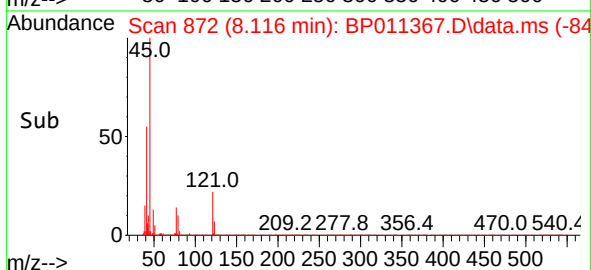
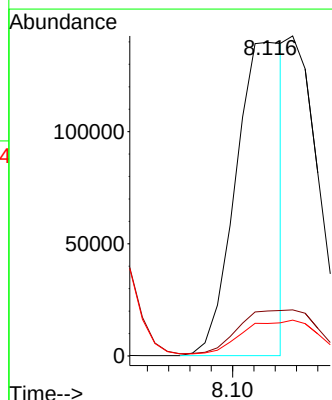
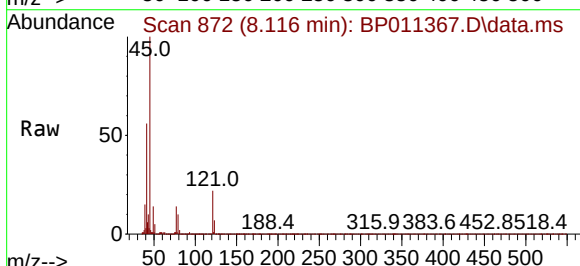
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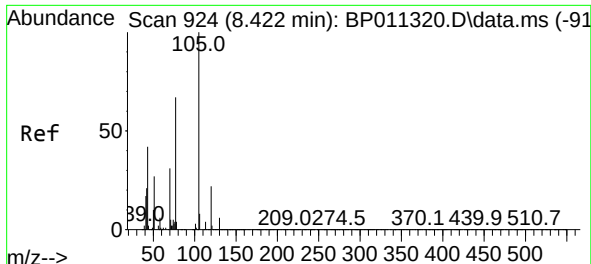
Ion Ratio Lower Upper

45 100

77 14.3 9.9 14.9

79 10.3 7.2 10.8

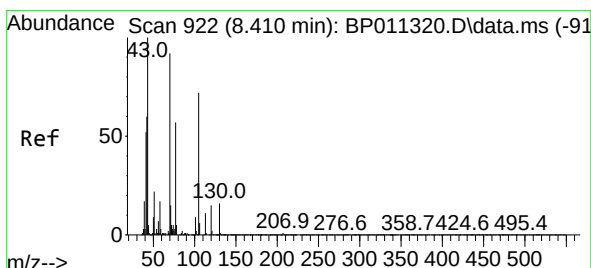
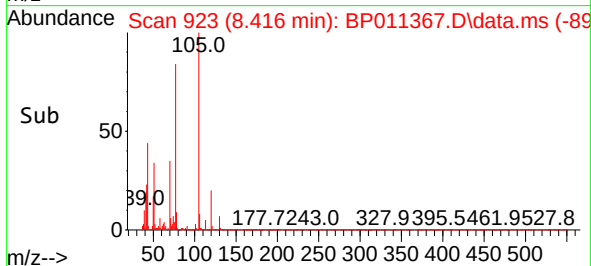
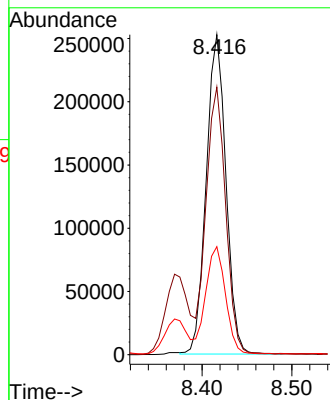
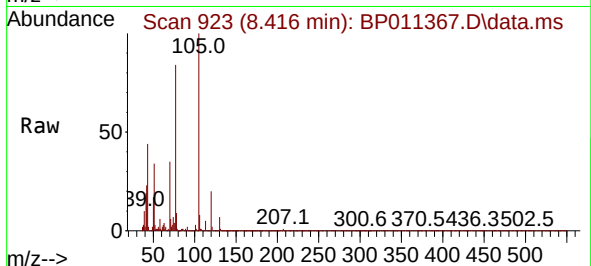




#16
Acetophenone
Concen: 30.717 ng/ul
RT: 8.416 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011367.D
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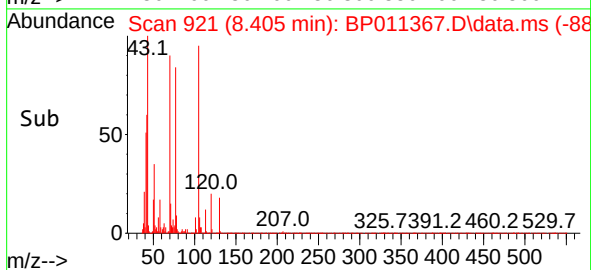
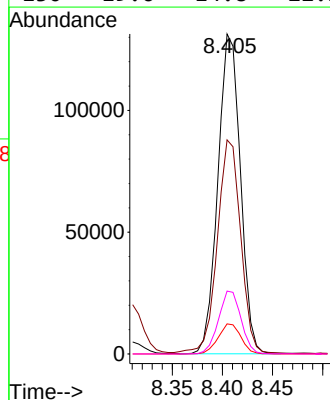
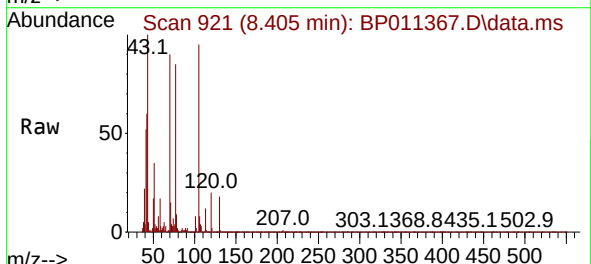
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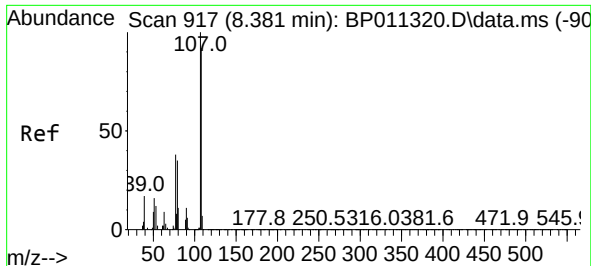
Tgt Ion:105 Resp: 384595
Ion Ratio Lower Upper
105 100
77 83.6 65.4 98.0
51 33.8 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 33.247 ng/ul
RT: 8.405 min Scan# 921
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion: 70 Resp: 205061
Ion Ratio Lower Upper
70 100
42 66.9 55.5 83.3
101 9.4 7.1 10.7
130 19.6 14.8 22.2

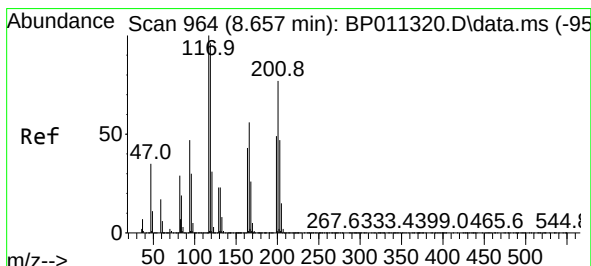
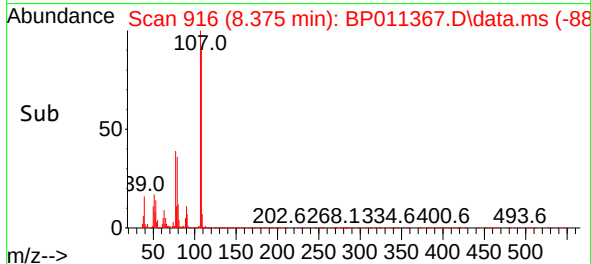
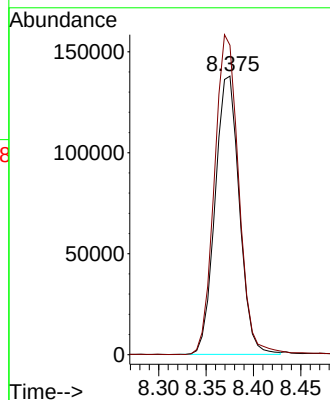
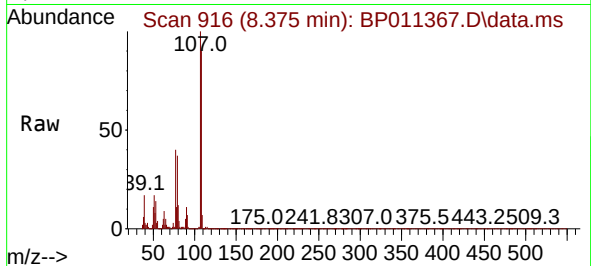




#18
4-Methylphenol
Concen: 29.856 ng/ul
RT: 8.375 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

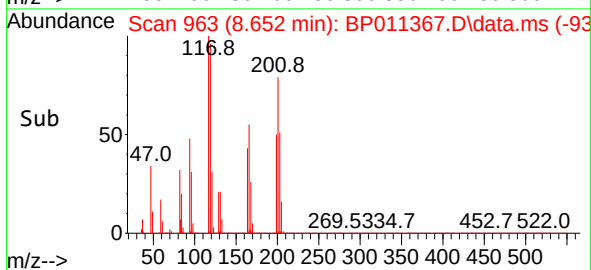
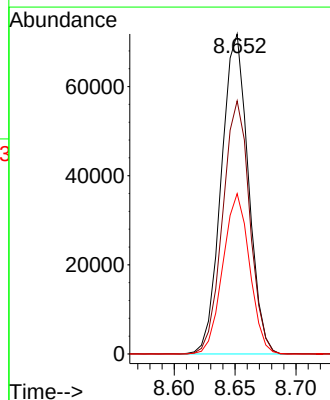
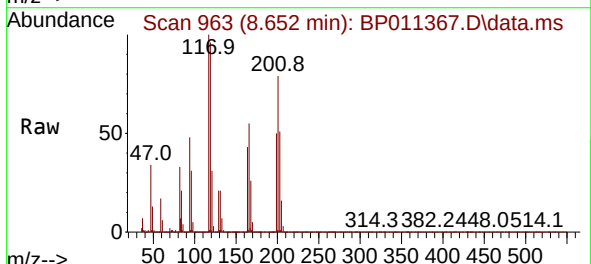
Instrument :
BNA_P
ClientSampleId :

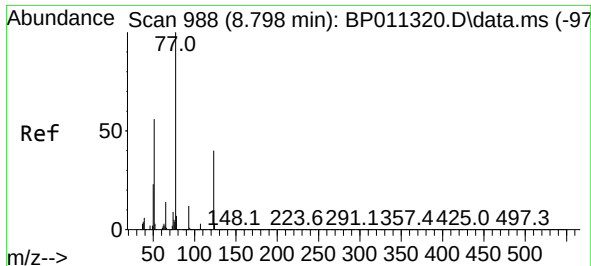
Tgt Ion:108 Resp: 245871
Ion Ratio Lower Upper
108 100
107 111.1 88.2 132.4



#19
Hexachloroethane
Concen: 32.612 ng/ul
RT: 8.652 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:117 Resp: 110960
Ion Ratio Lower Upper
117 100
201 79.1 62.2 93.2
199 50.1 39.8 59.6

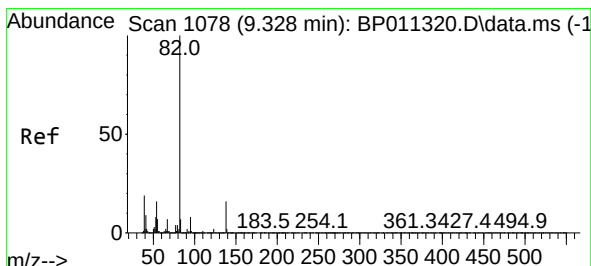
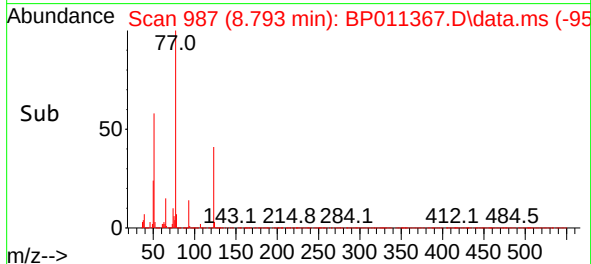
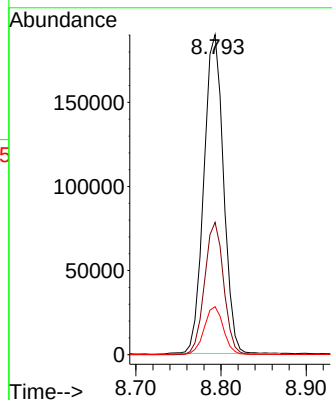
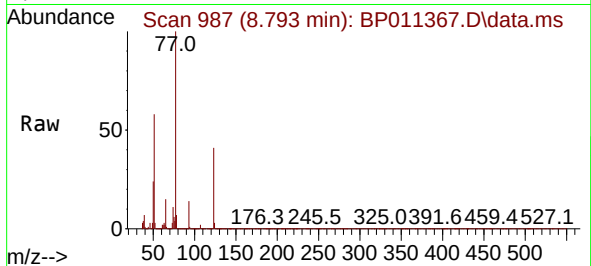




#22
Nitrobenzene
Concen: 33.181 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

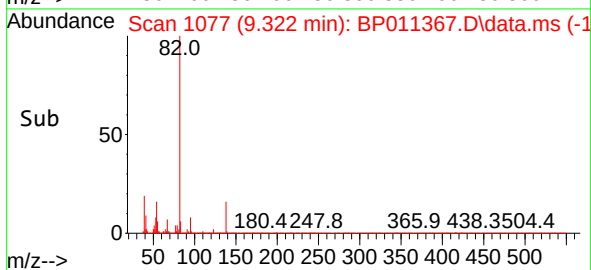
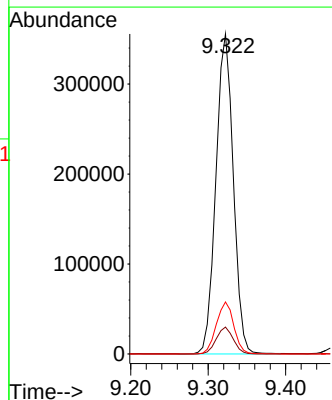
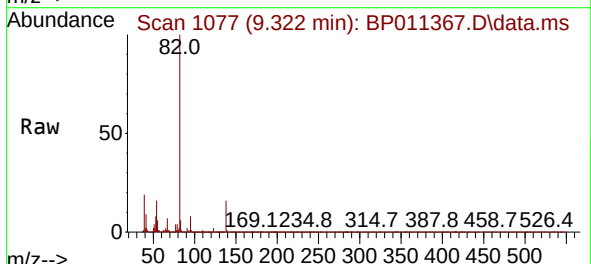
Instrument :
BNA_P
ClientSampleId :

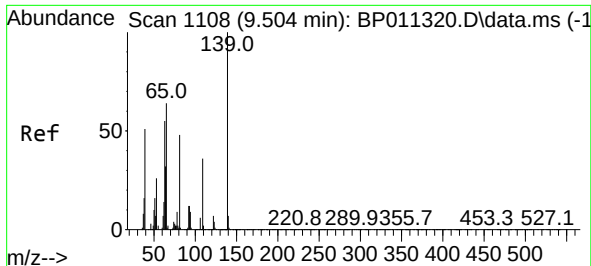
Tgt Ion: 77 Resp: 303003
Ion Ratio Lower Upper
77 100
123 41.4 31.4 47.0
65 15.0 10.6 15.8



#23
Isophorone
Concen: 33.069 ng/ul
RT: 9.322 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion: 82 Resp: 553925
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.8
138 16.2 12.6 18.8

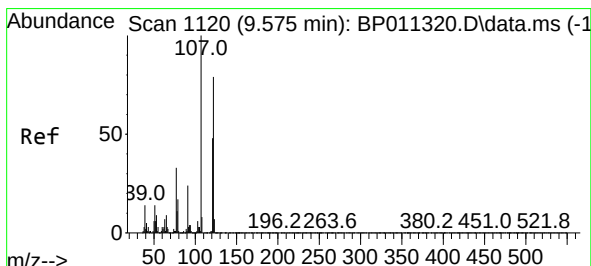
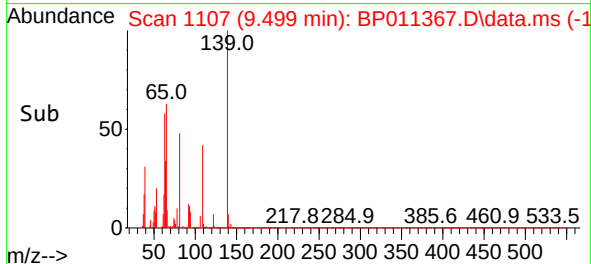
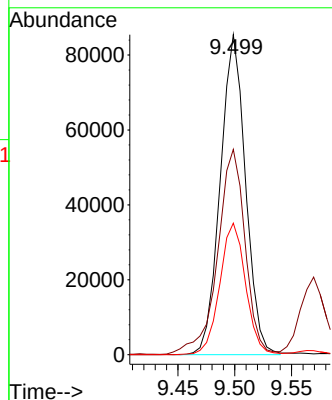
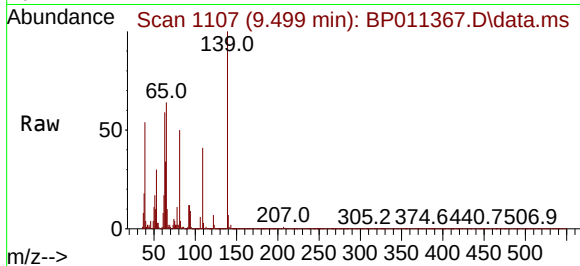




#25
2-Nitrophenol
Concen: 38.012 ng/ul
RT: 9.499 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

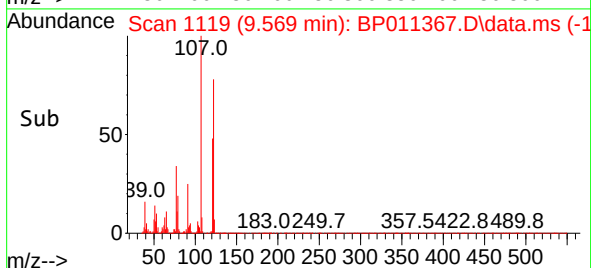
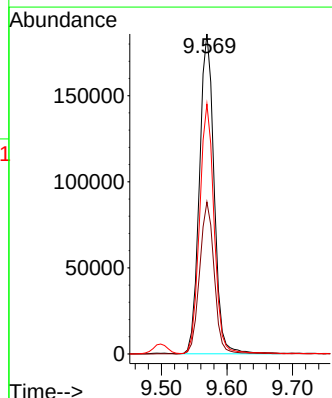
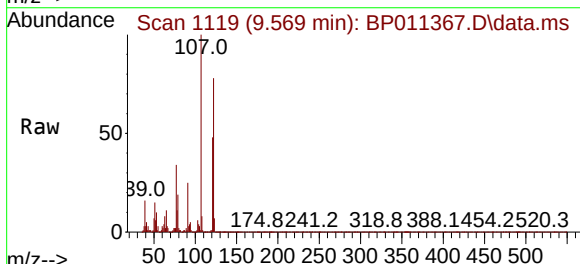
Instrument :
BNA_P
ClientSampleId :

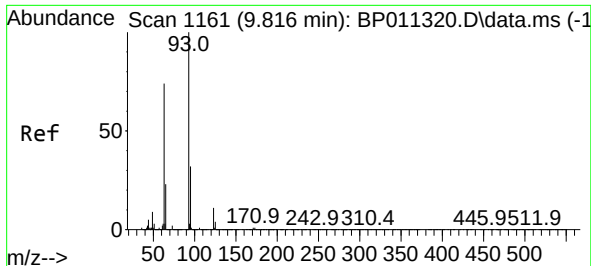
Tgt Ion:139 Resp: 132307
Ion Ratio Lower Upper
139 100
65 64.1 46.7 70.1
109 41.1 24.2 36.2#



#26
2,4-Dimethylphenol
Concen: 32.968 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:107 Resp: 289946
Ion Ratio Lower Upper
107 100
121 47.5 40.3 60.5
122 78.1 67.7 101.5

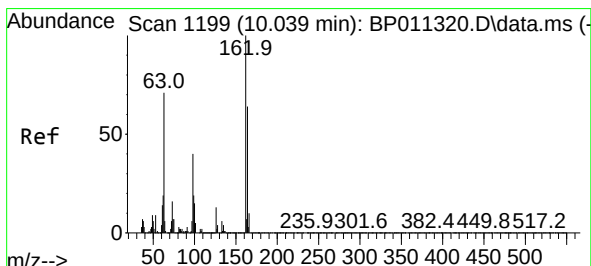
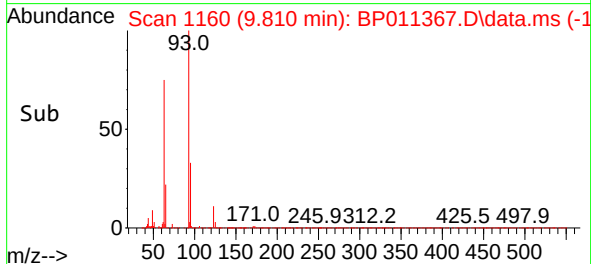
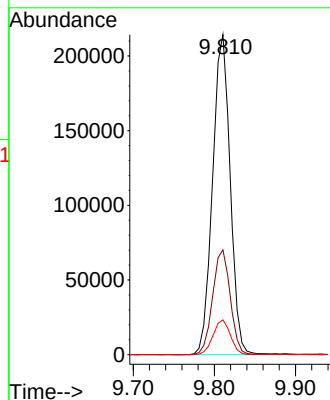
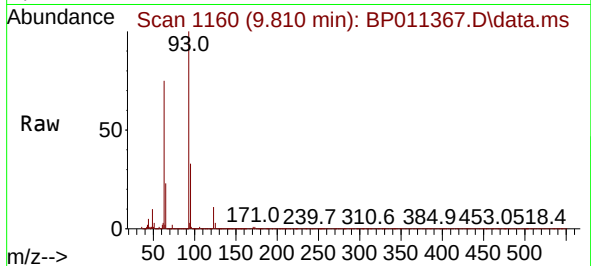




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.086 ng/ul
 RT: 9.810 min Scan# 1161
 Delta R.T. -0.006 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

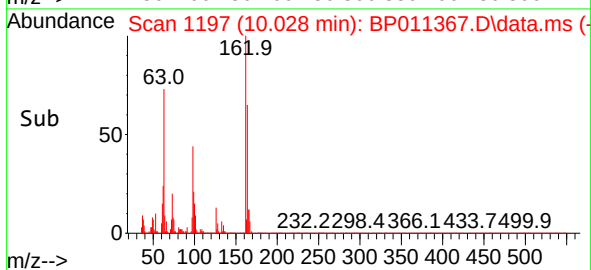
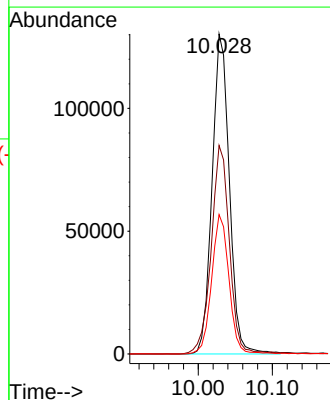
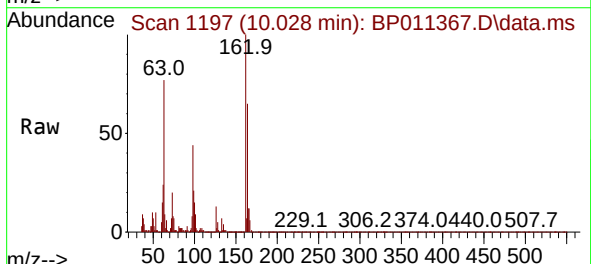
Instrument :
 BNA_P
 ClientSampleId :

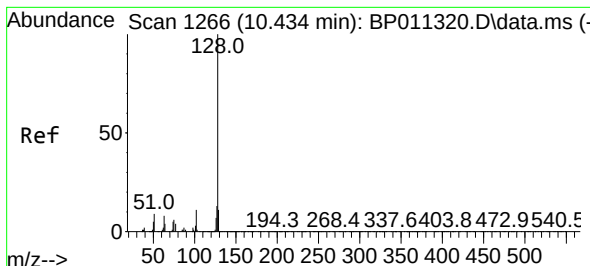
Tgt Ion: 93 Resp: 322067
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.2 37.8
 123 10.9 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 33.416 ng/ul
 RT: 10.028 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

Tgt Ion: 162 Resp: 210756
 Ion Ratio Lower Upper
 162 100
 164 65.2 52.6 79.0
 98 43.5 34.2 51.4





#30

Naphthalene

Concen: 30.025 ng/ul

RT: 10.422 min Scan# 1264

Delta R.T. -0.012 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

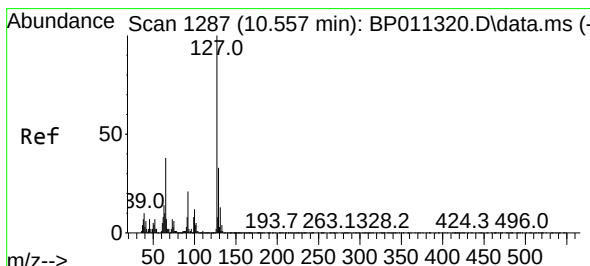
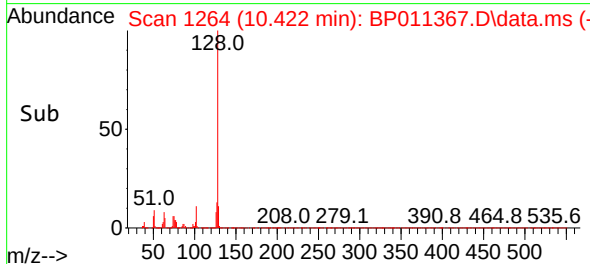
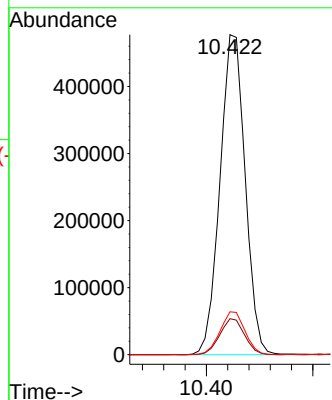
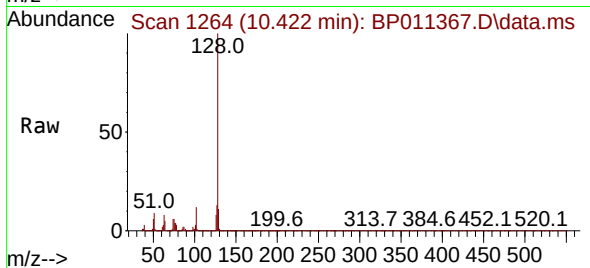
Tgt Ion:128 Resp: 782970

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.4 10.4 15.6



#32

4-Chloroaniline

Concen: 25.744 ng/ul

RT: 10.552 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BP011367.D

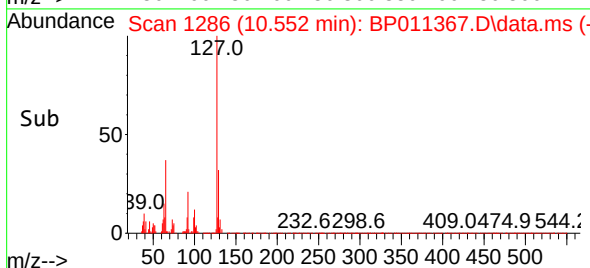
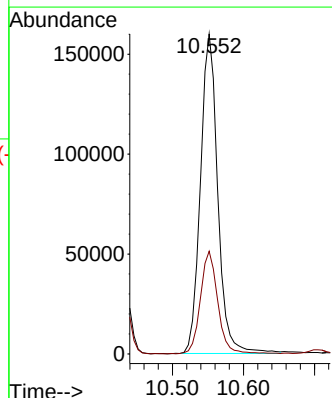
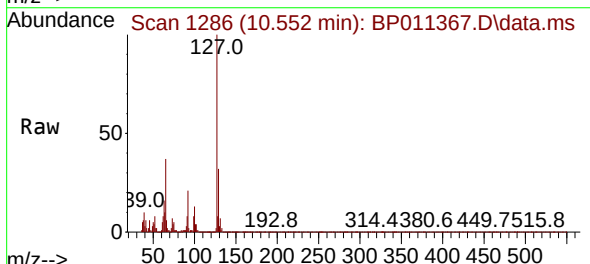
Acq: 10 Aug 2022 13:27

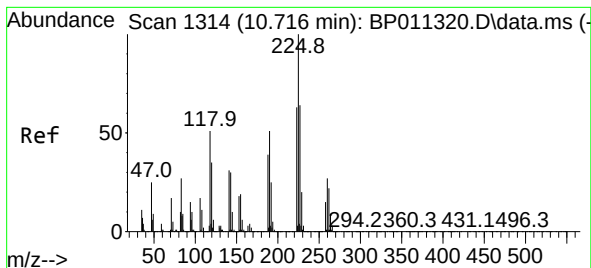
Tgt Ion:127 Resp: 272093

Ion Ratio Lower Upper

127 100

129 32.1 26.6 40.0





#33

Hexachlorobutadiene

Concen: 33.509 ng/ul

RT: 10.705 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

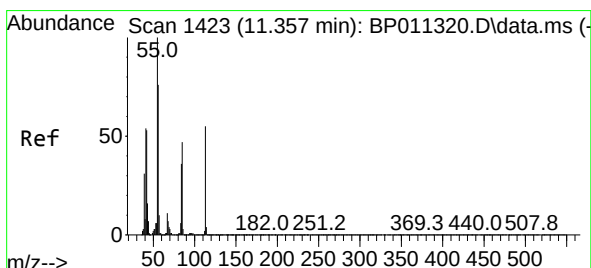
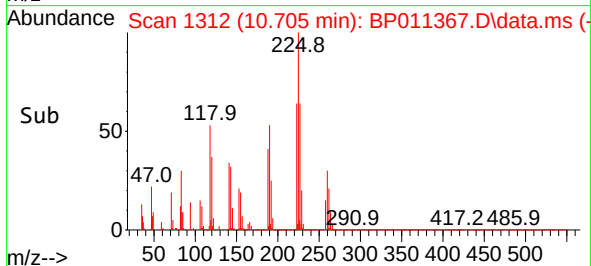
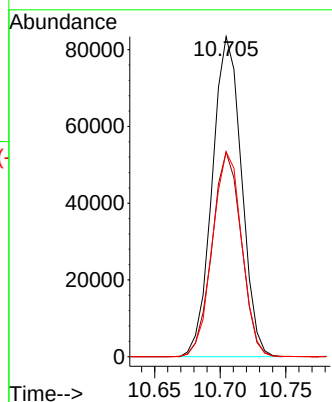
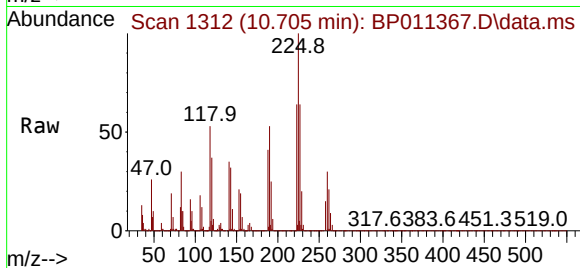
Tgt Ion:225 Resp: 129656

Ion Ratio Lower Upper

225 100

223 64.0 51.2 76.8

227 64.0 50.6 75.8



#34

Caprolactam

Concen: 23.539 ng/ul

RT: 11.352 min Scan# 1422

Delta R.T. 0.000 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

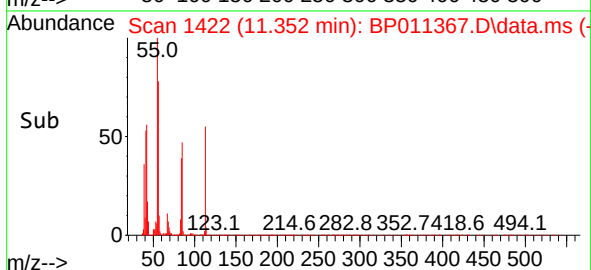
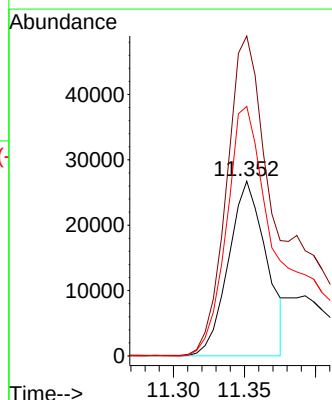
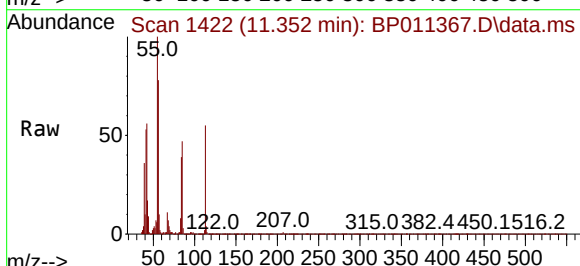
Tgt Ion:113 Resp: 49647

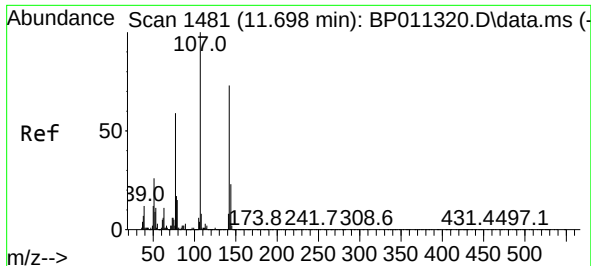
Ion Ratio Lower Upper

113 100

55 183.1 164.2 246.4

56 142.8 127.0 190.6

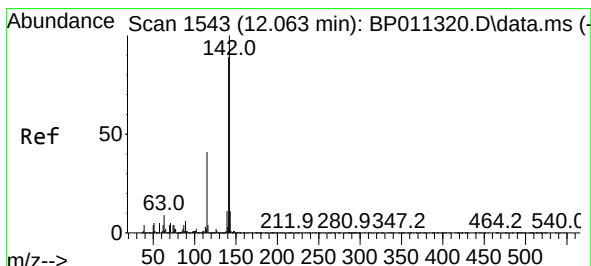
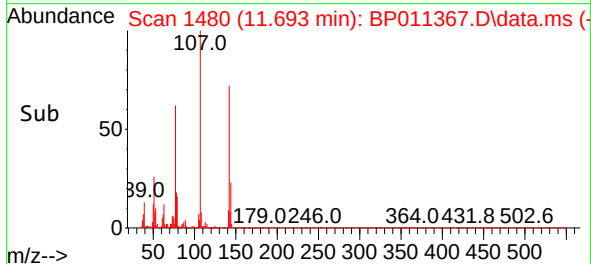
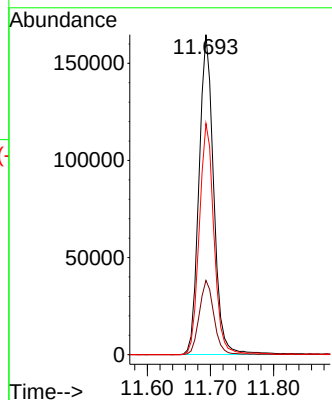
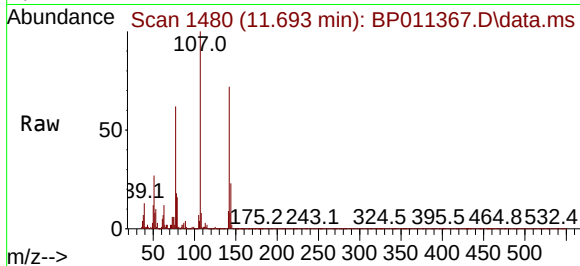




#35
4-Chloro-3-methylphenol
Concen: 35.874 ng/ul
RT: 11.693 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

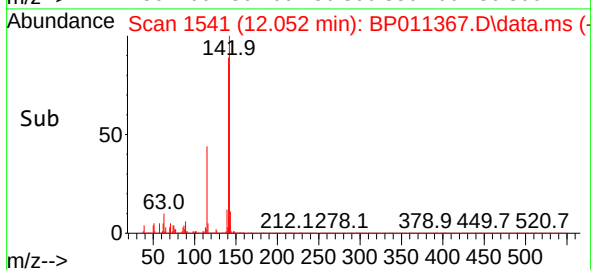
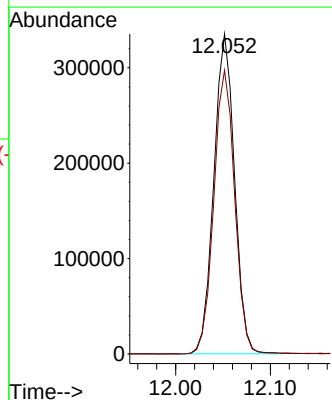
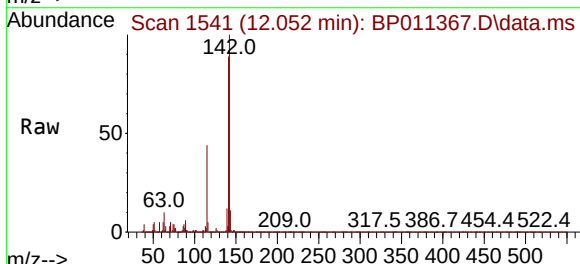
Instrument :
BNA_P
ClientSampleId :

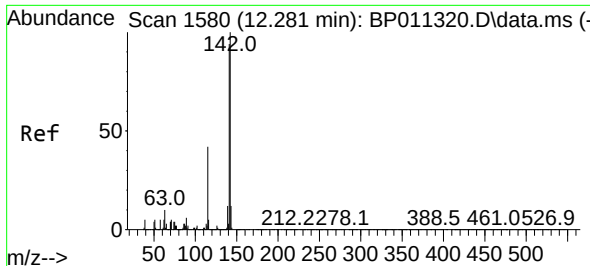
Tgt Ion:107 Resp: 266023
Ion Ratio Lower Upper
107 100
144 23.2 19.0 28.4
142 72.3 59.8 89.8



#36
2-Methylnaphthalene
Concen: 31.437 ng/ul
RT: 12.052 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:142 Resp: 508161
Ion Ratio Lower Upper
142 100
141 88.6 71.8 107.8

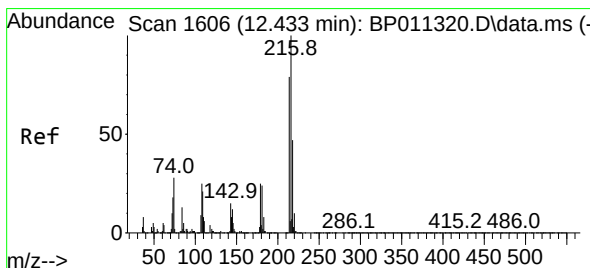
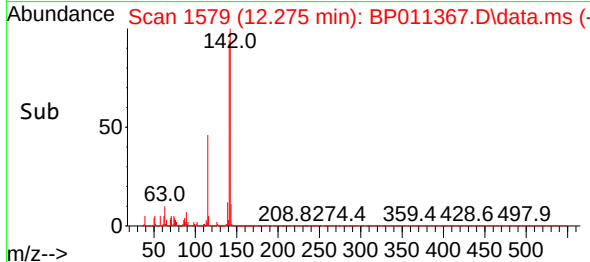
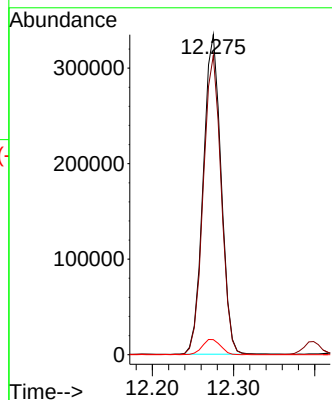
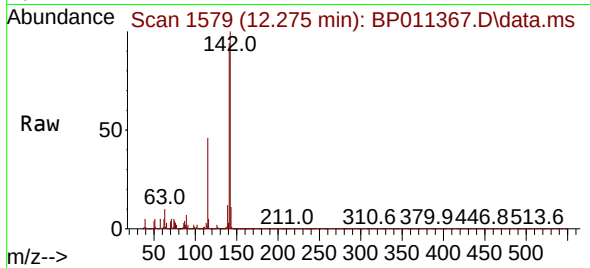




#37
1-Methylnaphthalene
Concen: 31.107 ng/ul
RT: 12.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

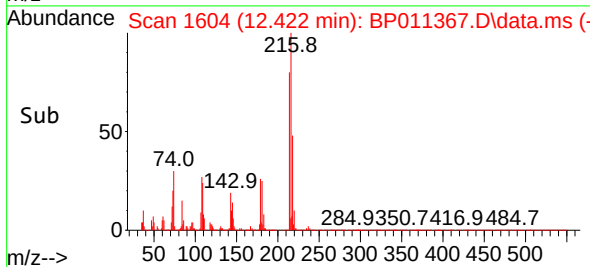
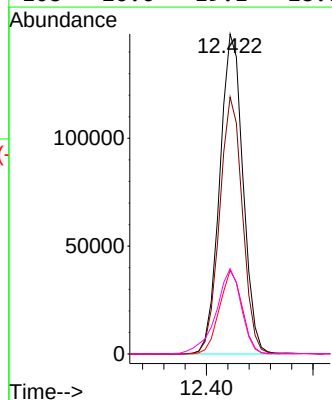
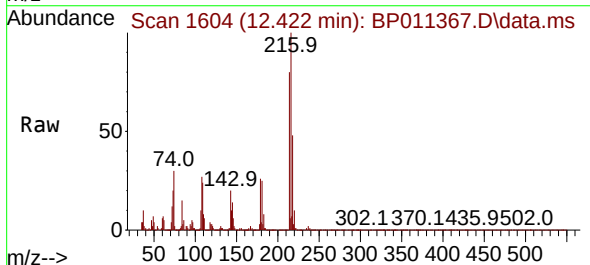
Instrument :
BNA_P
ClientSampleId :

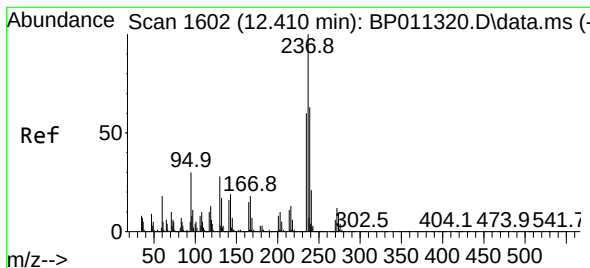
Tgt Ion:142 Resp: 510026
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1
116 4.7 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.632 ng/ul
RT: 12.422 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:216 Resp: 224589
Ion Ratio Lower Upper
216 100
214 80.3 61.1 91.7
179 26.2 18.6 27.8
108 26.6 19.1 28.7





#40

Hexachlorocyclopentadiene

Concen: 29.036 ng/ul

RT: 12.399 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

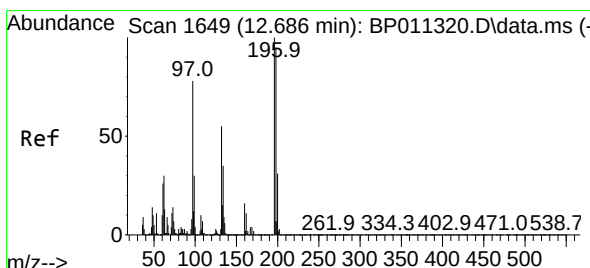
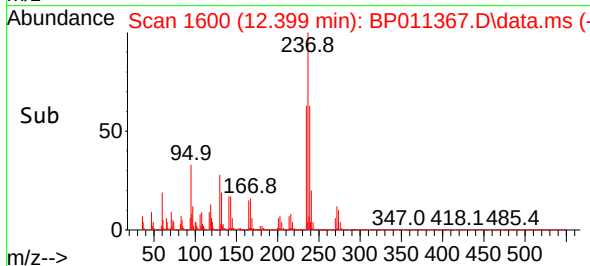
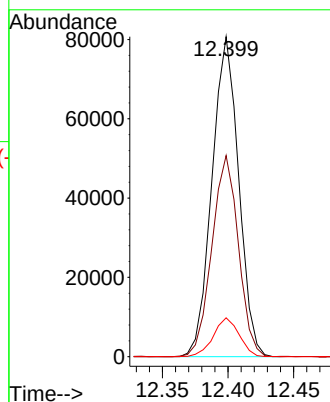
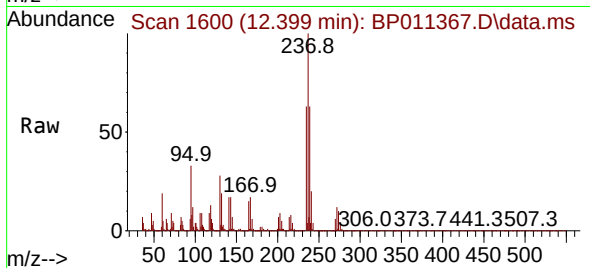
Tgt Ion:237 Resp: 114082

Ion Ratio Lower Upper

237 100

235 62.9 50.4 75.6

272 12.8 9.9 14.9



#41

2,4,6-Trichlorophenol

Concen: 32.702 ng/ul

RT: 12.681 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

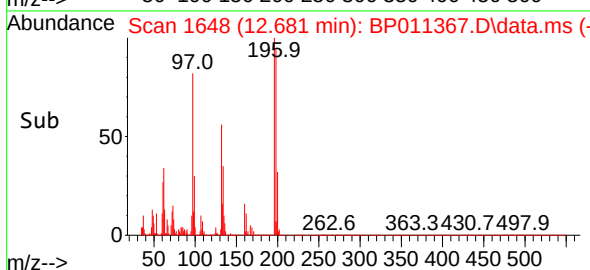
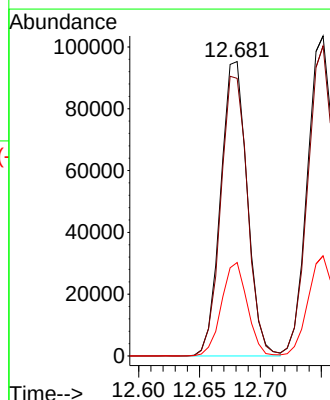
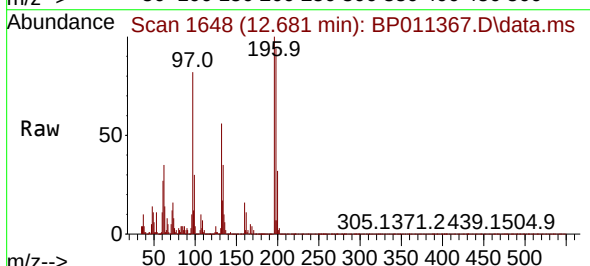
Tgt Ion:196 Resp: 145075

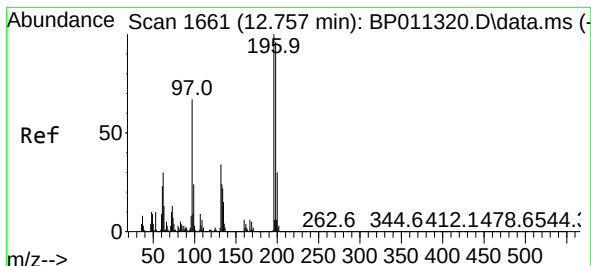
Ion Ratio Lower Upper

196 100

198 94.3 75.5 113.3

200 31.8 24.4 36.6





#42

2,4,5-Trichlorophenol

Concen: 34.062 ng/ul

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

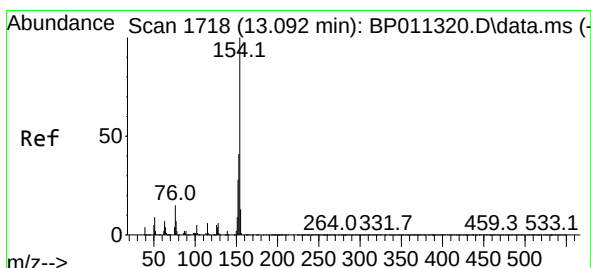
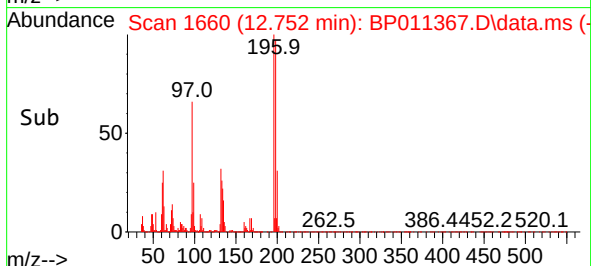
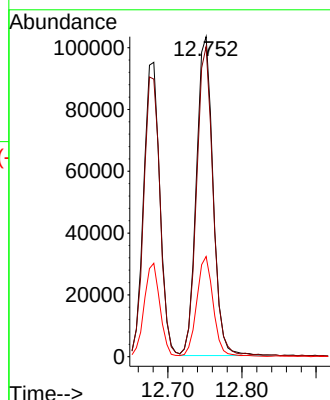
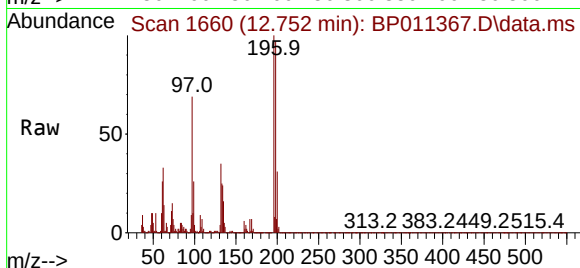
Tgt Ion:196 Resp: 161275

Ion Ratio Lower Upper

196 100

198 96.9 76.8 115.2

200 31.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 29.850 ng/ul

RT: 13.087 min Scan# 1717

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

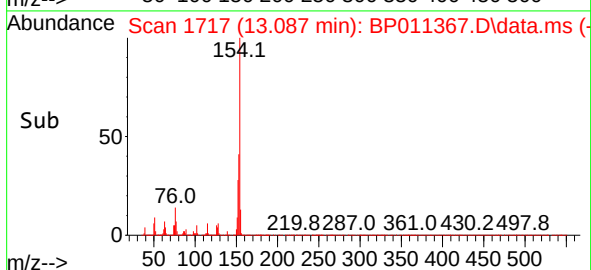
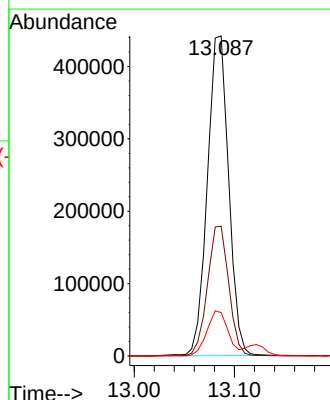
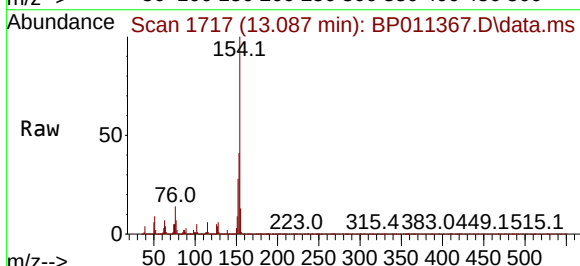
Tgt Ion:154 Resp: 652793

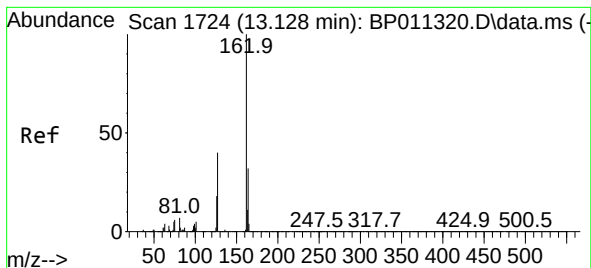
Ion Ratio Lower Upper

154 100

153 40.5 31.9 47.9

76 13.6 12.2 18.2





#44

2-Chloronaphthalene

Concen: 30.208 ng/ul

RT: 13.122 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

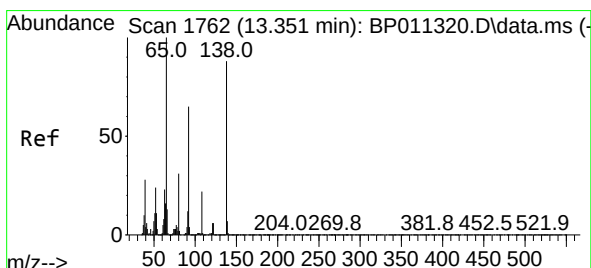
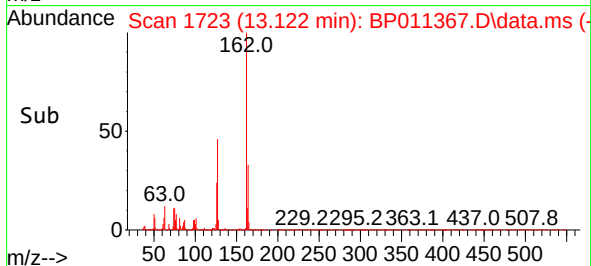
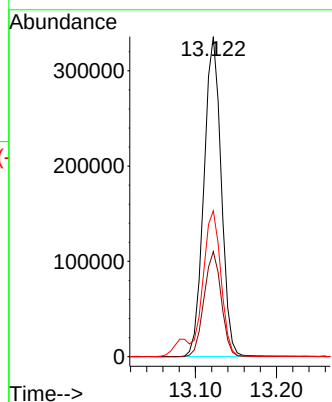
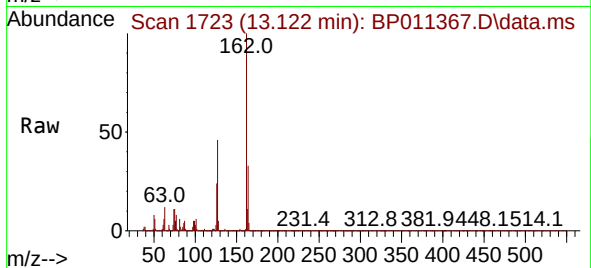
Tgt Ion:162 Resp: 495671

Ion Ratio Lower Upper

162 100

164 32.8 25.6 38.4

127 45.6 34.6 51.8



#45

2-Nitroaniline

Concen: 43.573 ng/ul

RT: 13.346 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

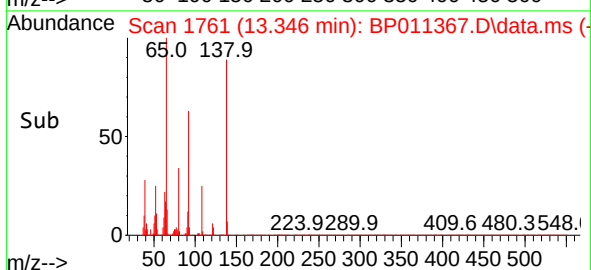
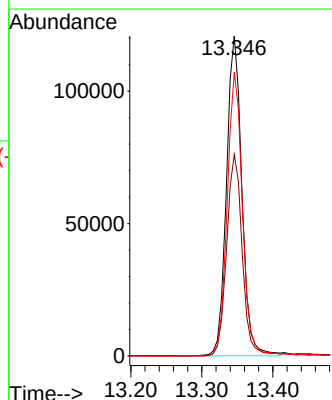
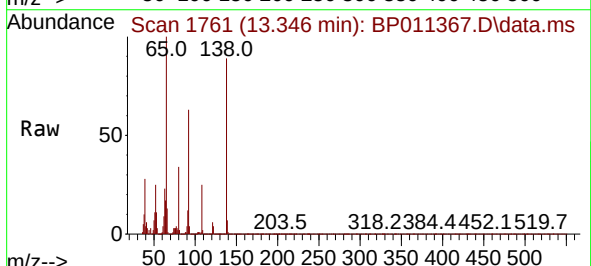
Tgt Ion: 65 Resp: 181583

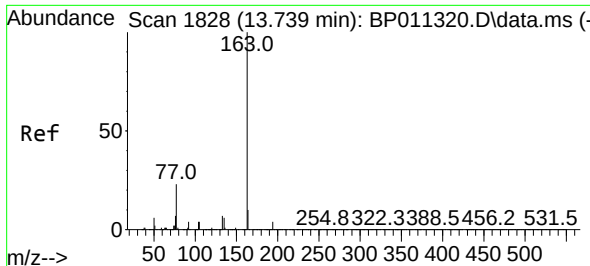
Ion Ratio Lower Upper

65 100

92 63.0 51.4 77.2

138 88.7 67.4 101.0

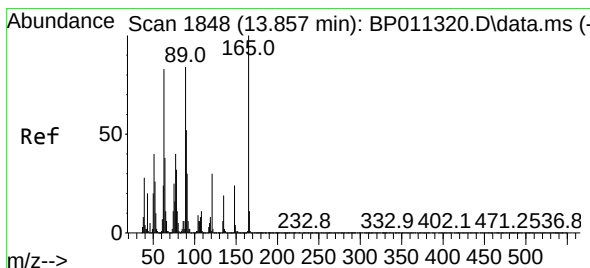
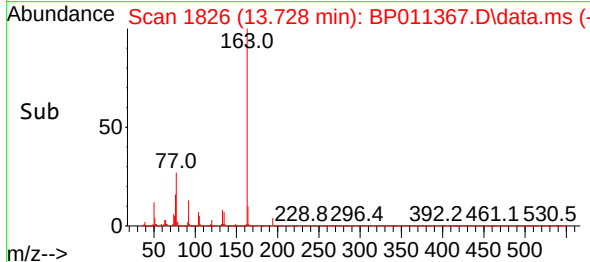
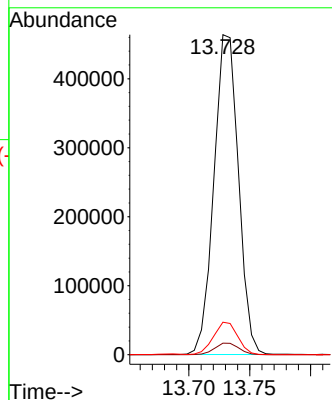
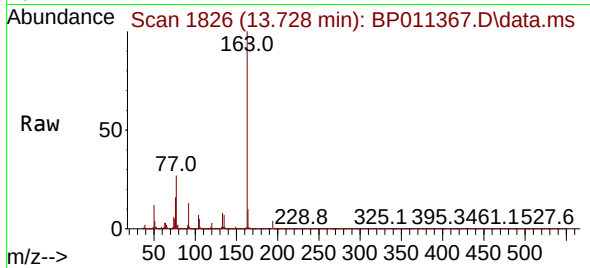




#47
Dimethylphthalate
Concen: 33.201 ng/ul
RT: 13.728 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

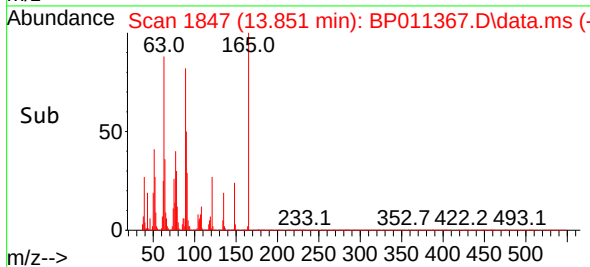
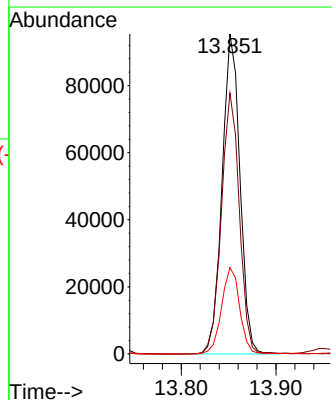
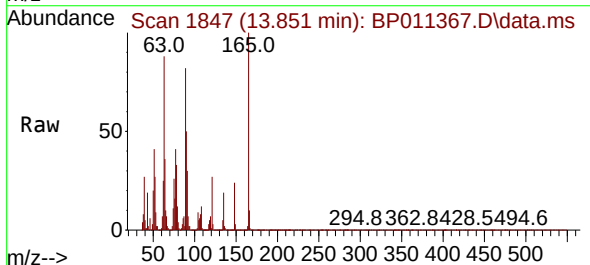
Instrument :
BNA_P
ClientSampleId :

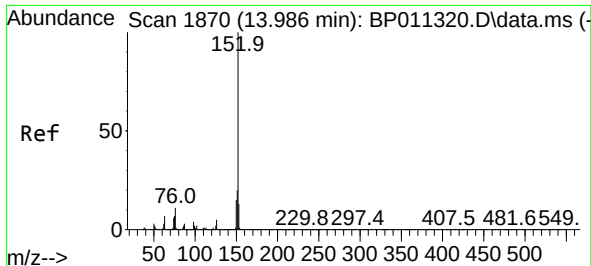
Tgt Ion:163 Resp: 649815
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 40.927 ng/ul
RT: 13.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:165 Resp: 125246
Ion Ratio Lower Upper
165 100
89 81.5 65.8 98.6
121 27.0 24.2 36.2

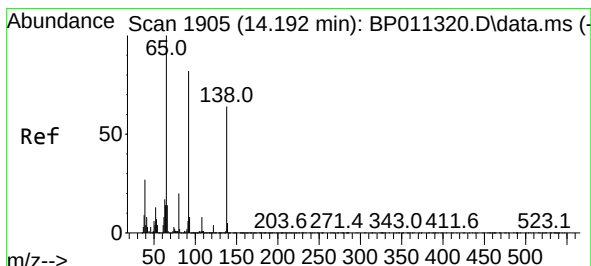
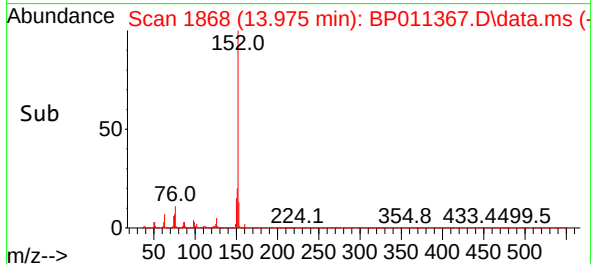
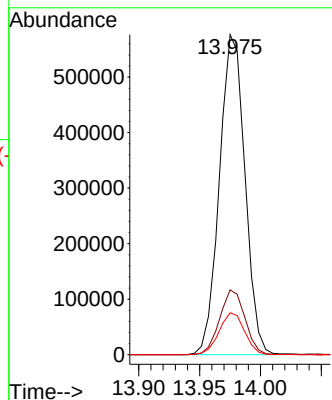
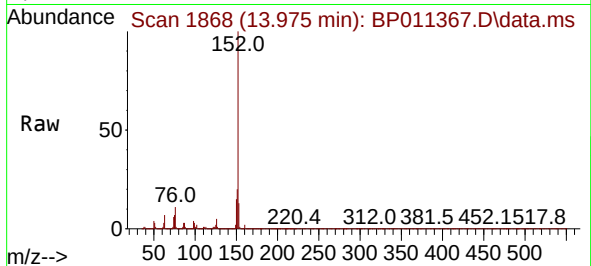




#50
Acenaphthylene
Concen: 31.360 ng/ul
RT: 13.975 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

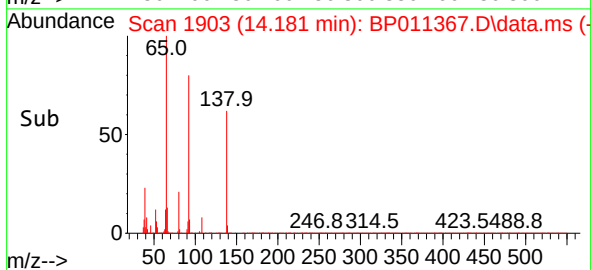
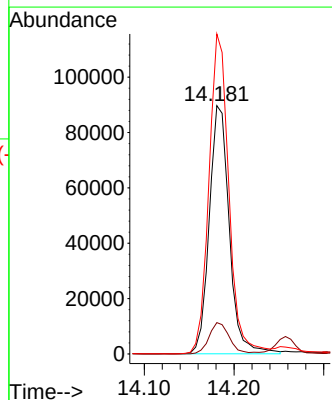
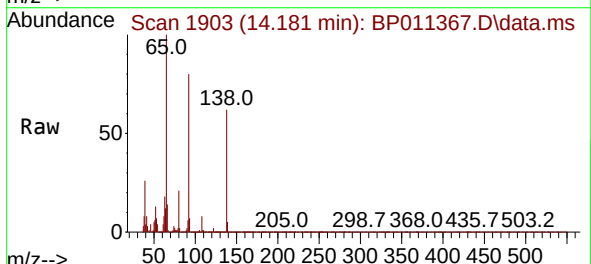
Instrument :
BNA_P
ClientSampleId :

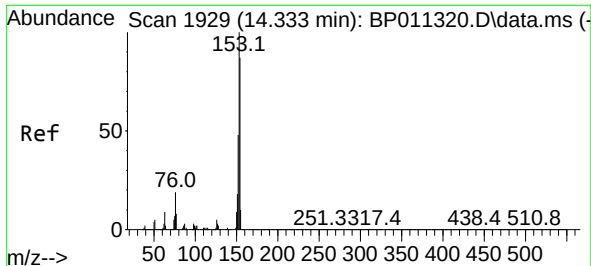
Tgt Ion:152 Resp: 840879
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 41.302 ng/ul
RT: 14.181 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:138 Resp: 139038
Ion Ratio Lower Upper
138 100
108 12.6 9.9 14.9
92 128.8 106.8 160.2

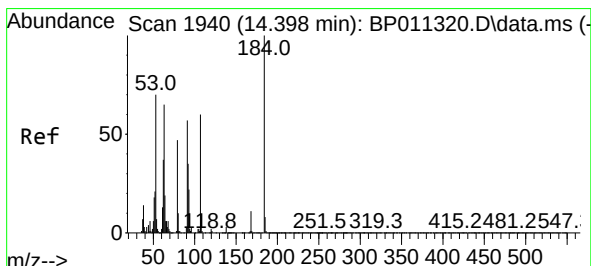
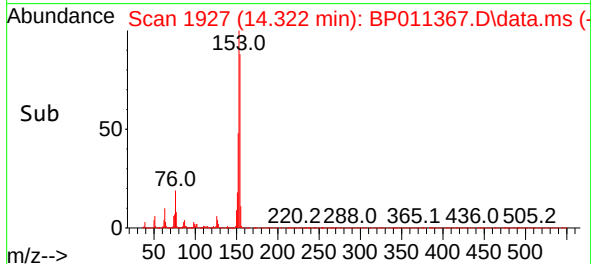
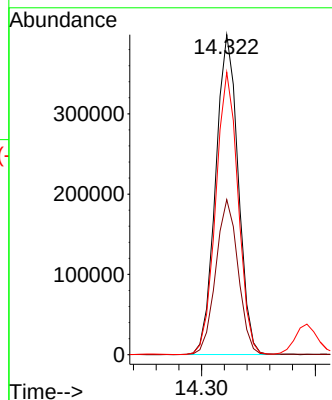
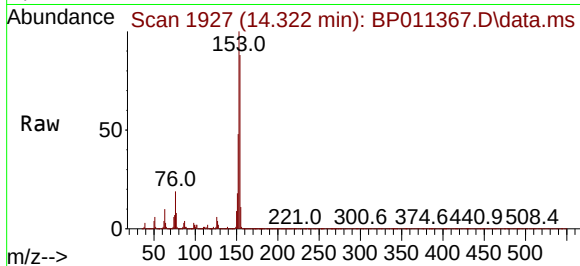




#52
Acenaphthene
Concen: 30.746 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

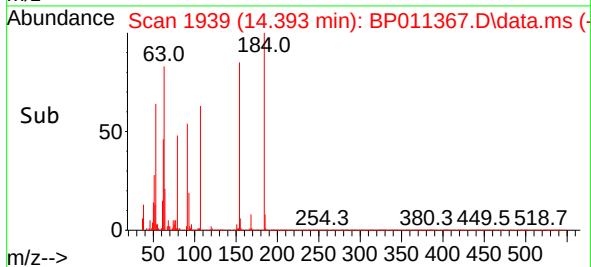
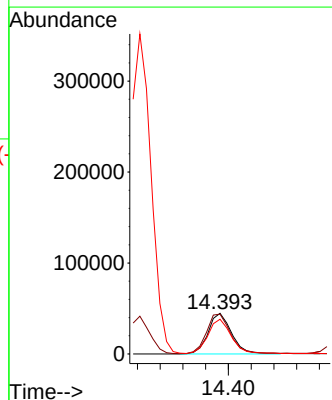
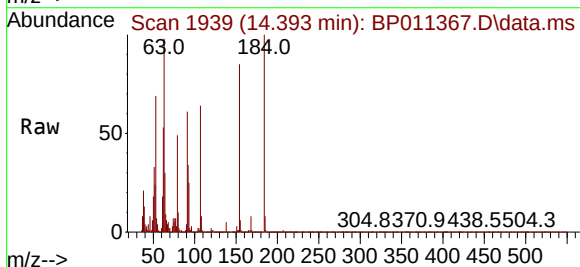
Instrument :
BNA_P
ClientSampleId :

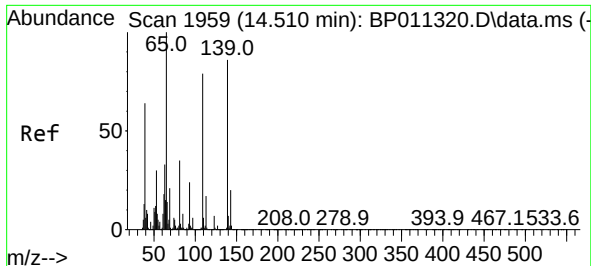
Tgt Ion:153 Resp: 549826
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 88.3 68.6 103.0



#53
2,4-Dinitrophenol
Concen: 35.034 ng/ul
RT: 14.393 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:184 Resp: 63611
Ion Ratio Lower Upper
184 100
63 98.0 75.0 112.6
154 85.3 53.1 79.7#

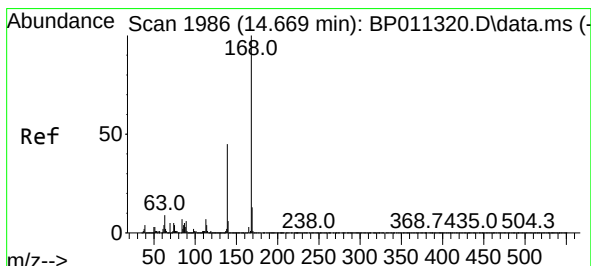
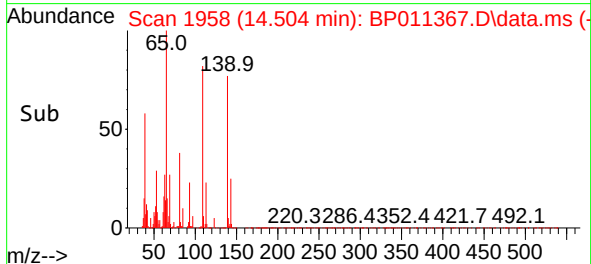
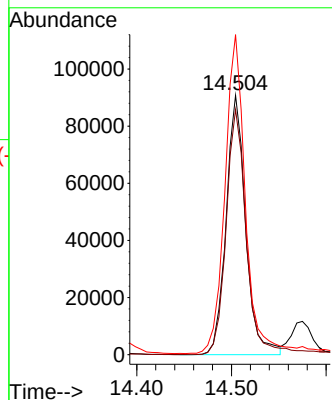
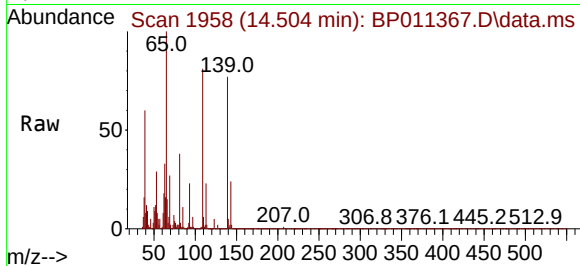




#55
4-Nitrophenol
Concen: 39.900 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

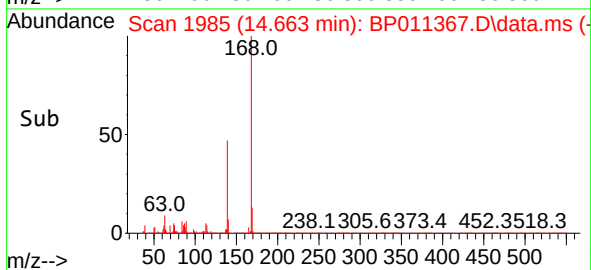
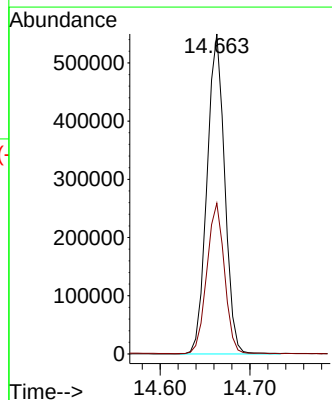
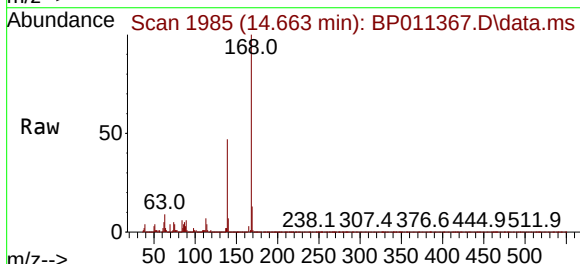
Instrument :
BNA_P
ClientSampleId :

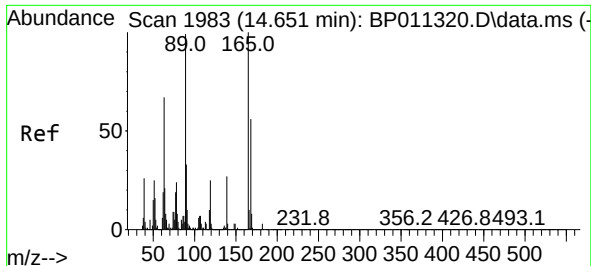
Tgt Ion:109 Resp: 130640
Ion Ratio Lower Upper
109 100
139 94.5 100.6 150.8#
65 123.4 122.6 184.0



#56
Dibenzofuran
Concen: 30.993 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:168 Resp: 751386
Ion Ratio Lower Upper
168 100
139 47.1 34.2 51.2

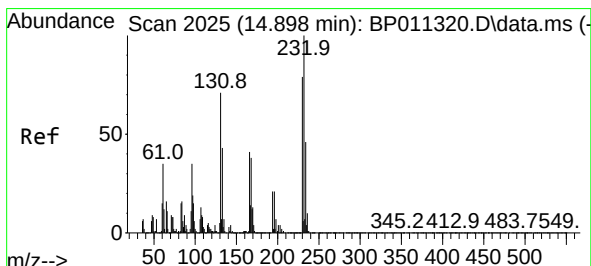
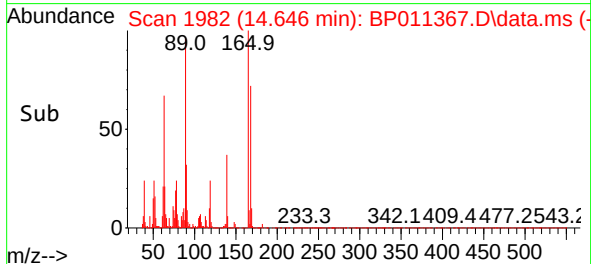
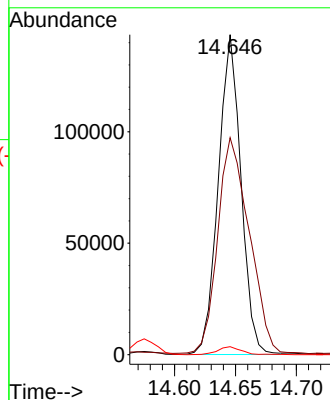
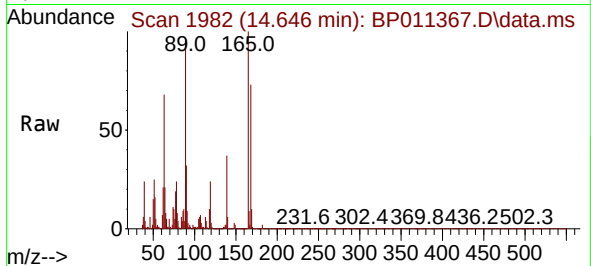




#57
2,4-Dinitrotoluene
Concen: 39.633 ng/ul
RT: 14.646 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

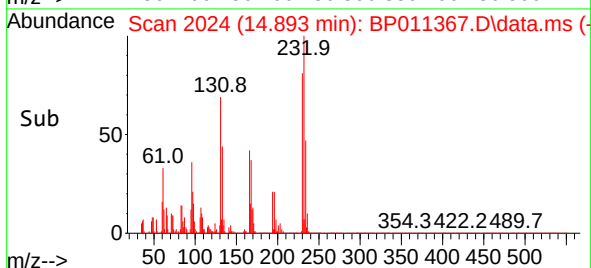
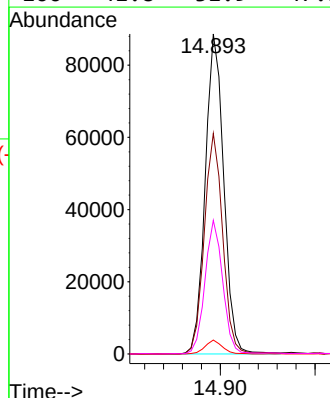
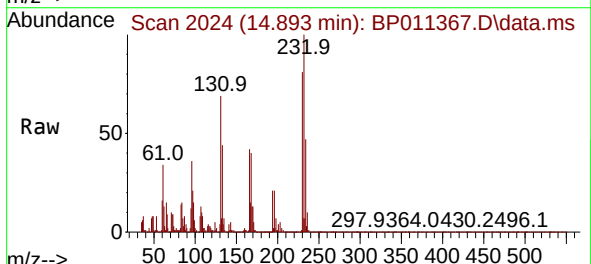
Instrument :
BNA_P
ClientSampleId :

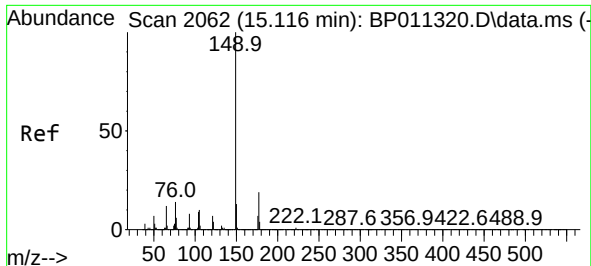
Tgt Ion:165 Resp: 185907
Ion Ratio Lower Upper
165 100
63 67.8 50.6 75.8
182 2.5 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.755 ng/ul
RT: 14.893 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:232 Resp: 120647
Ion Ratio Lower Upper
232 100
131 68.9 50.4 75.6
130 4.4 2.6 3.8#
166 41.8 31.9 47.9

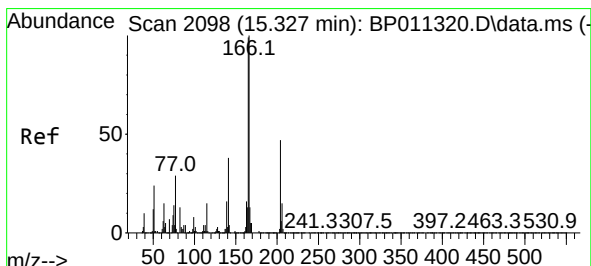
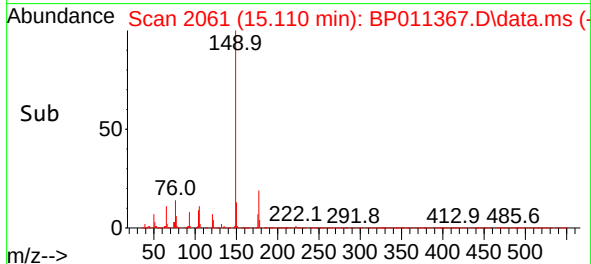
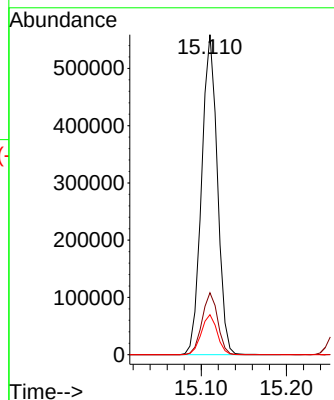
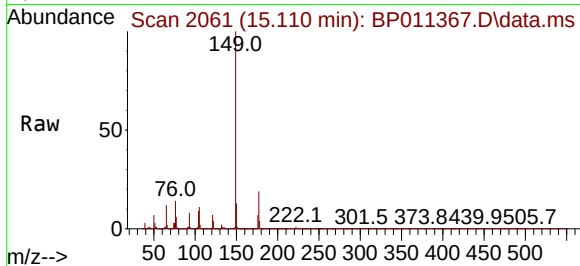




#59
Diethylphthalate
Concen: 35.315 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

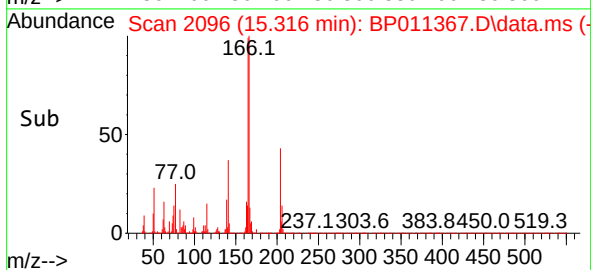
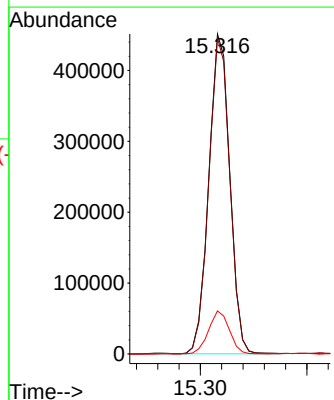
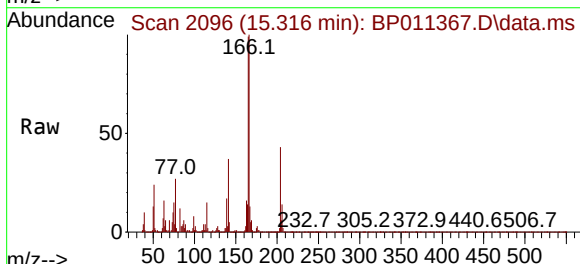
Instrument :
BNA_P
ClientSampleId :

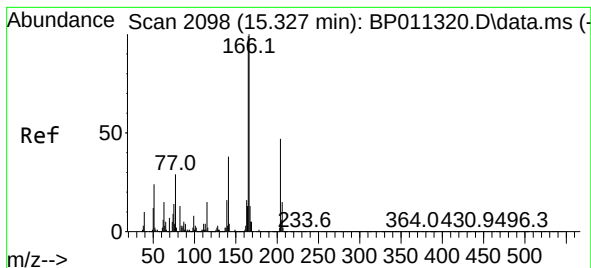
Tgt Ion:149 Resp: 716046
Ion Ratio Lower Upper
149 100
177 19.4 16.1 24.1
150 12.5 9.4 14.0



#61
Fluorene
Concen: 31.397 ng/ul
RT: 15.316 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:166 Resp: 618174
Ion Ratio Lower Upper
166 100
165 98.8 77.7 116.5
167 13.4 11.0 16.4

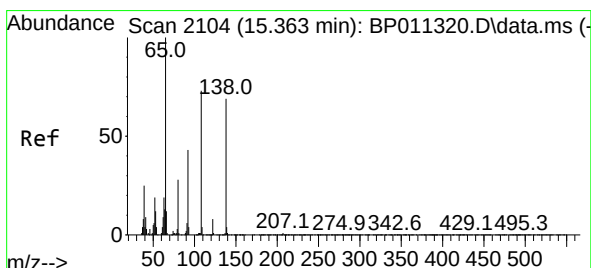
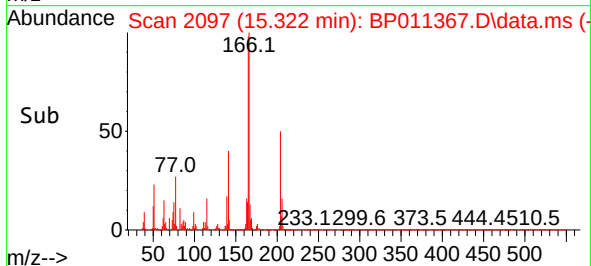
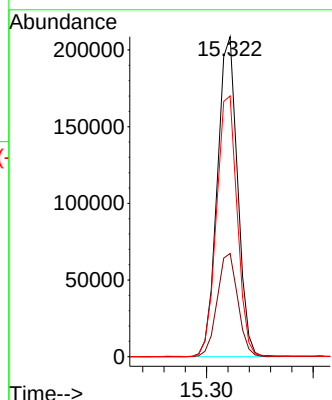
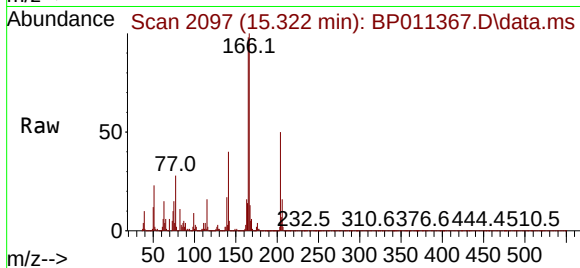




#62
4-Chlorophenyl-phenylether
Concen: 31.949 ng/ul
RT: 15.322 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

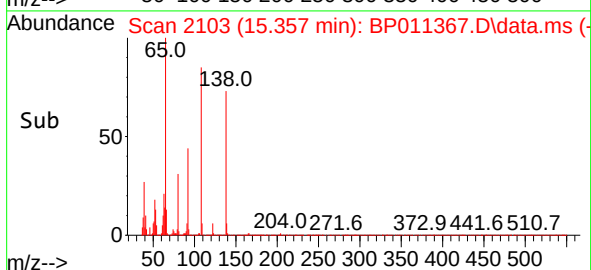
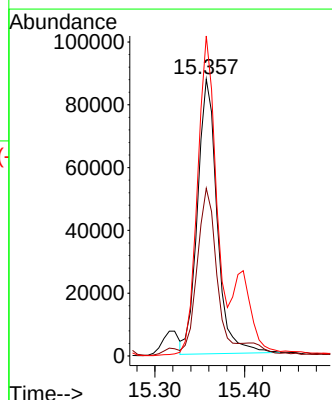
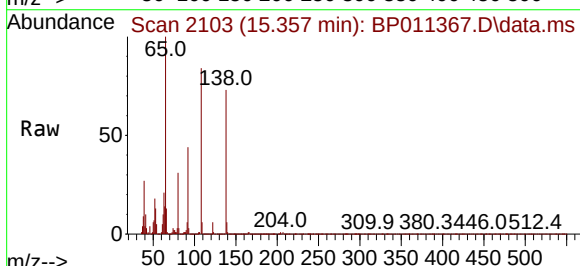
Instrument :
BNA_P
ClientSampleId :

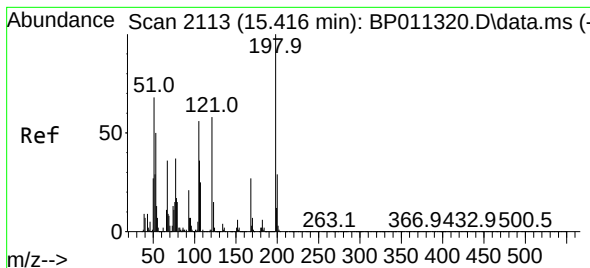
Tgt Ion:204 Resp: 274972
Ion Ratio Lower Upper
204 100
206 32.2 27.3 40.9
141 81.5 57.7 86.5



#63
4-Nitroaniline
Concen: 40.611 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:138 Resp: 133029
Ion Ratio Lower Upper
138 100
92 60.6 55.9 83.9
108 115.6 67.1 100.7#

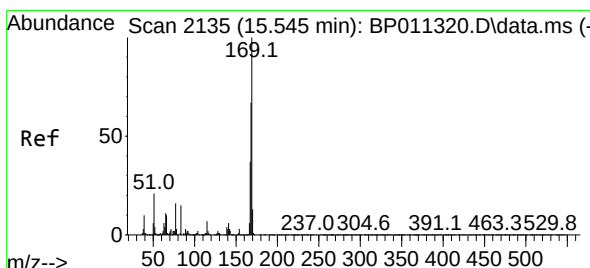
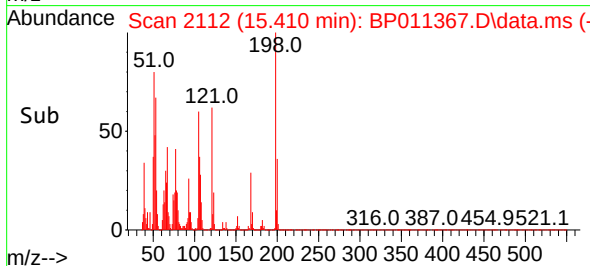
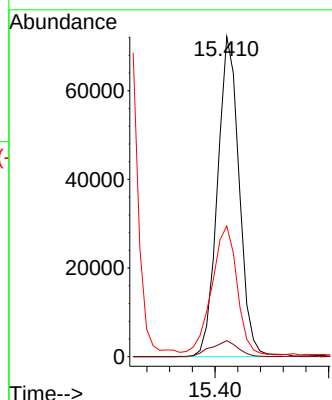
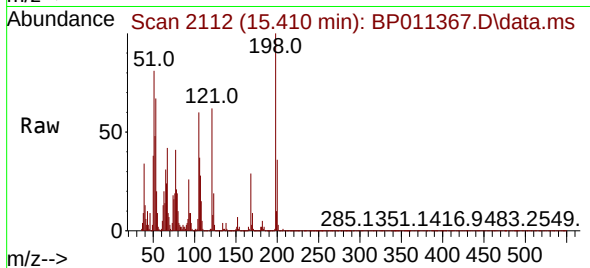




#66
 4,6-Dinitro-2-methylphenol
 Concen: 36.400 ng/ul
 RT: 15.410 min Scan# 2112
 Delta R.T. -0.006 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

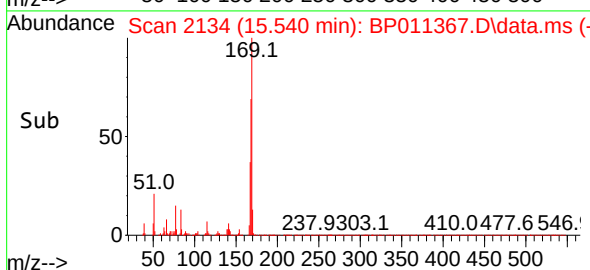
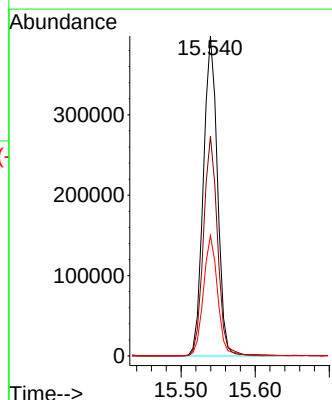
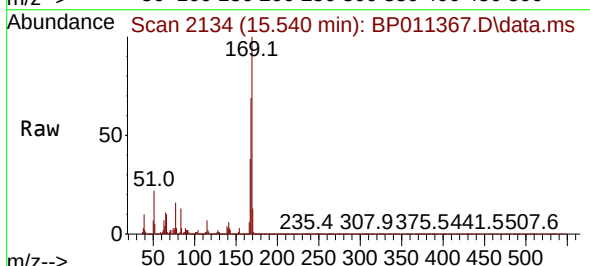
Instrument :
 BNA_P
 ClientSampleId :

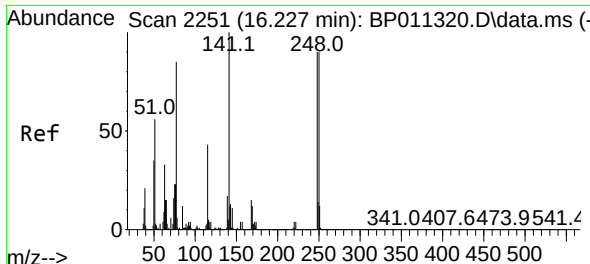
Tgt Ion:198 Resp: 95768
 Ion Ratio Lower Upper
 198 100
 182 5.0 7.4 11.0#
 77 40.9 28.6 42.8



#67
 N-Nitrosodiphenylamine
 Concen: 32.558 ng/ul
 RT: 15.540 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

Tgt Ion:169 Resp: 527774
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.6 80.4
 167 37.6 30.0 45.0

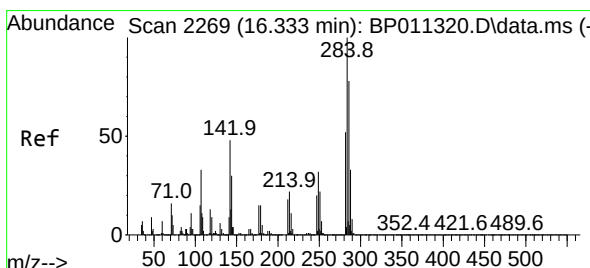
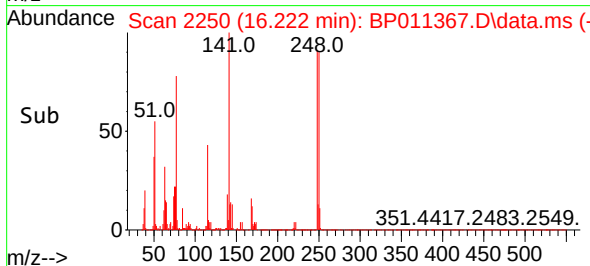
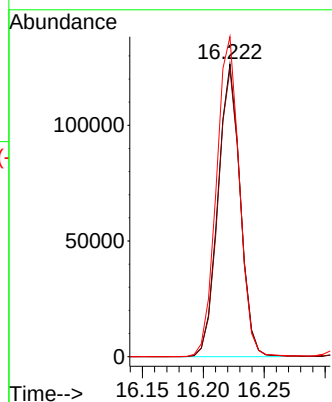
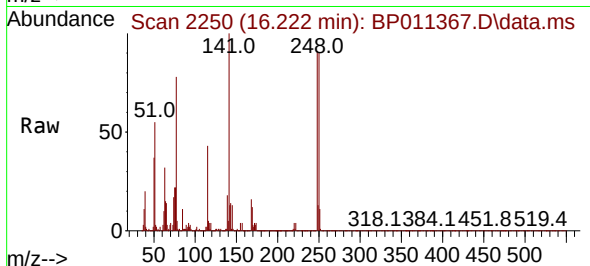




#68
4-Bromophenyl-phenylether
Concen: 33.068 ng/ul
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

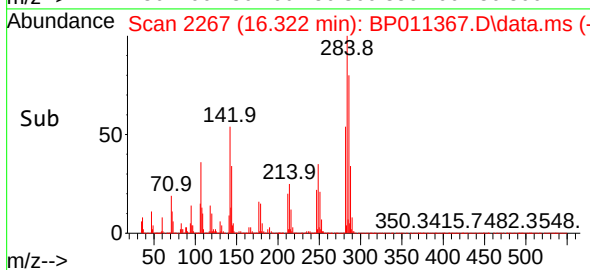
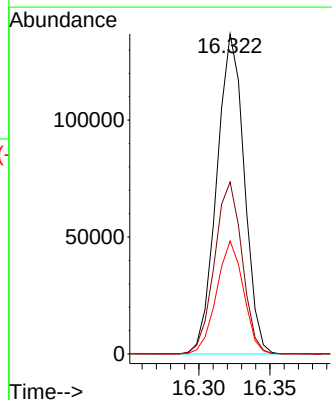
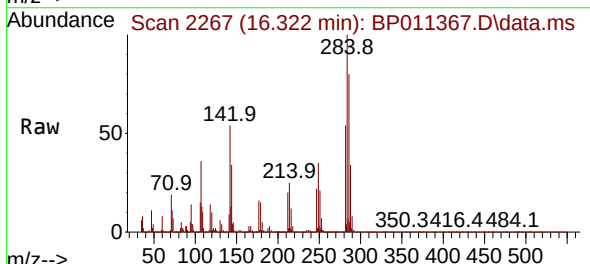
Instrument :
BNA_P
ClientSampleId :

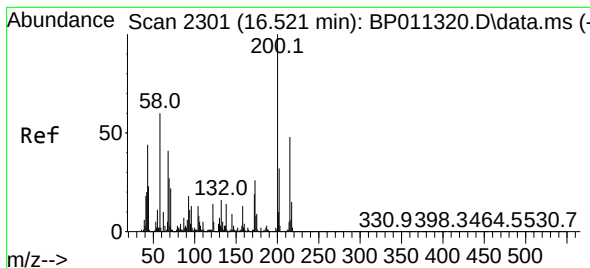
Tgt Ion:248 Resp: 160972
Ion Ratio Lower Upper
248 100
250 98.2 77.3 115.9
141 109.4 76.4 114.6



#69
Hexachlorobenzene
Concen: 32.379 ng/ul
RT: 16.322 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:284 Resp: 184135
Ion Ratio Lower Upper
284 100
142 53.8 39.5 59.3
249 35.3 25.1 37.7





#70

Atrazine

Concen: 5.141 ng/ul

RT: 16.510 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

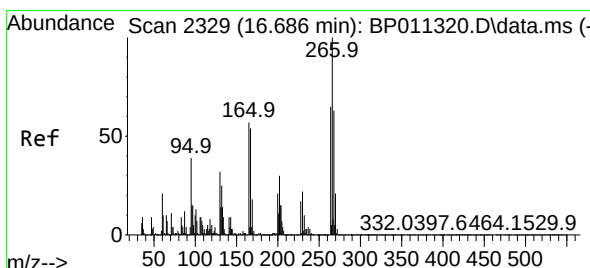
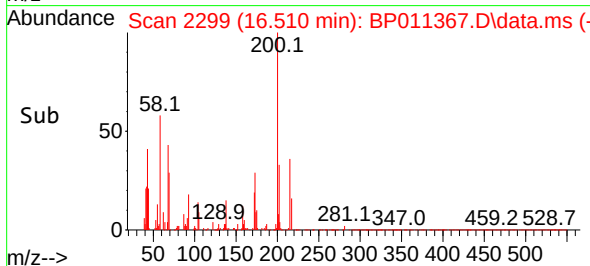
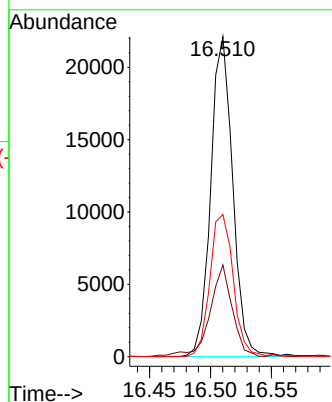
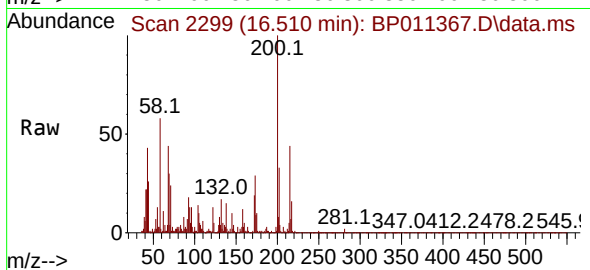
Tgt Ion:200 Resp: 27777

Ion Ratio Lower Upper

200 100

173 28.7 22.6 34.0

215 44.5 36.5 54.7



#71

Pentachlorophenol

Concen: 28.082 ng/ul

RT: 16.675 min Scan# 2327

Delta R.T. -0.012 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

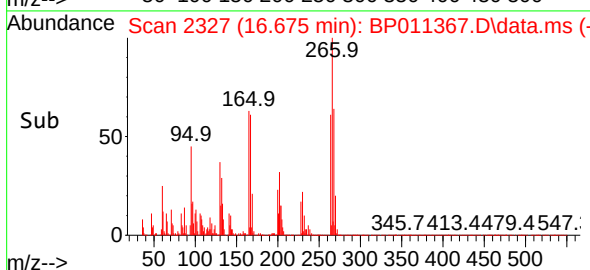
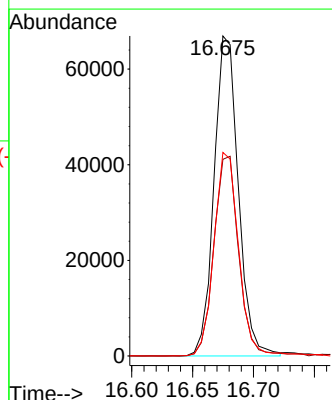
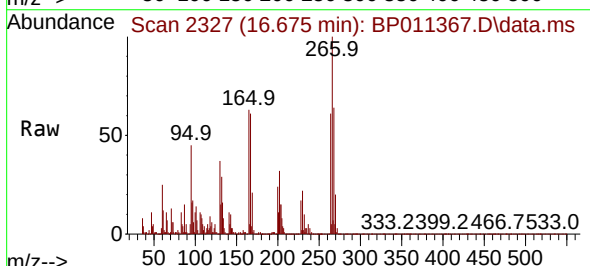
Tgt Ion:266 Resp: 92712

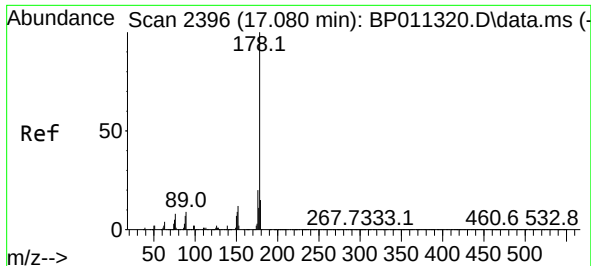
Ion Ratio Lower Upper

266 100

264 61.5 52.2 78.2

268 63.6 50.6 75.8

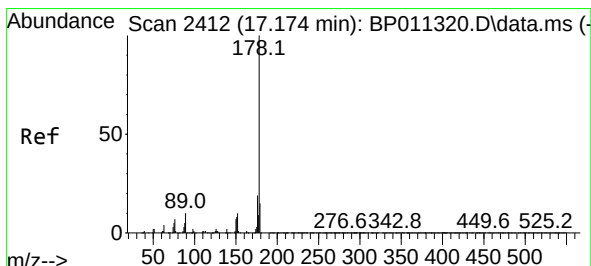
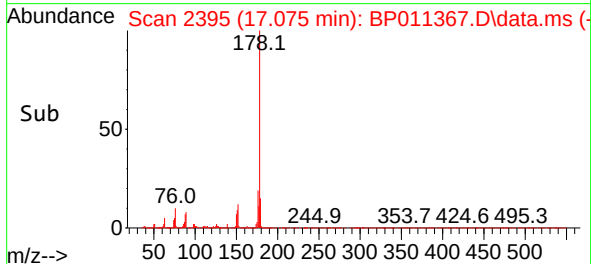
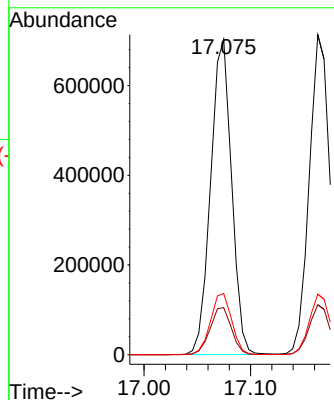
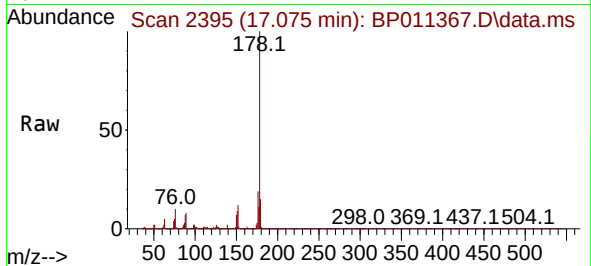




#72
Phenanthrene
Concen: 31.101 ng/ul
RT: 17.075 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

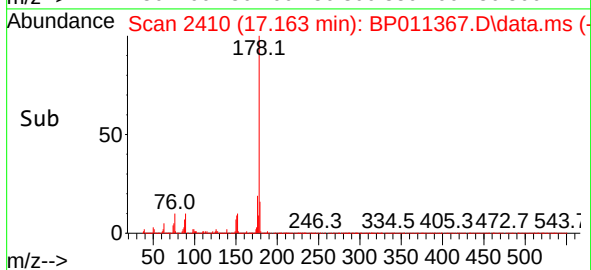
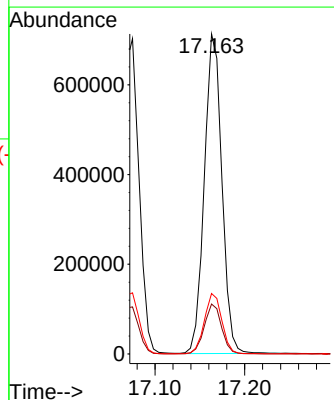
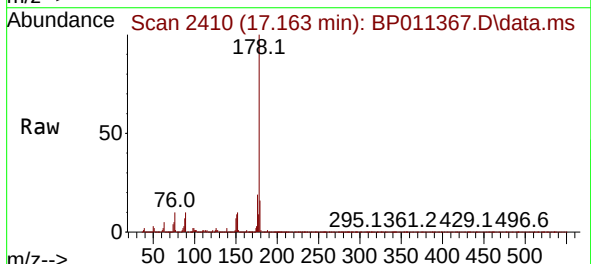
Instrument :
BNA_P
ClientSampleId :

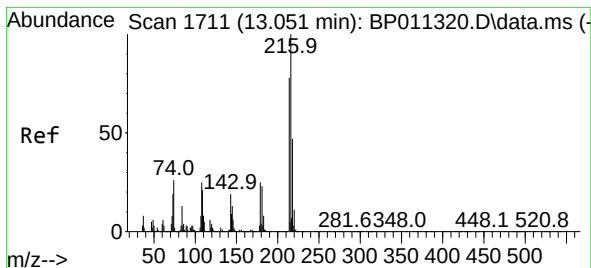
Tgt Ion:178 Resp: 959302
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 19.4 15.4 23.2



#74
Anthracene
Concen: 31.500 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:178 Resp: 967274
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.9 14.7 22.1

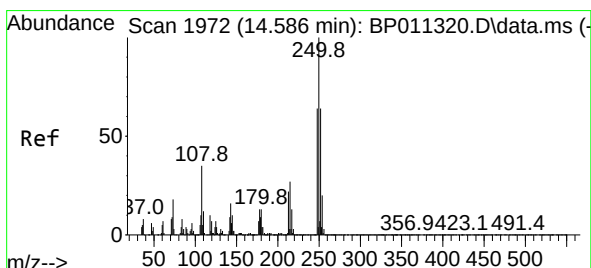
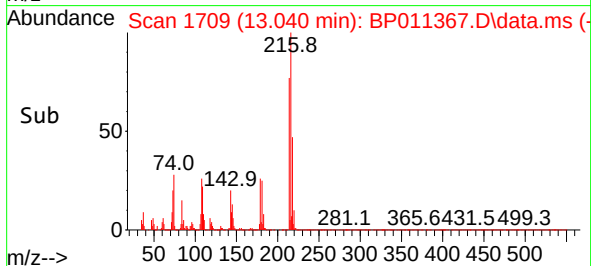
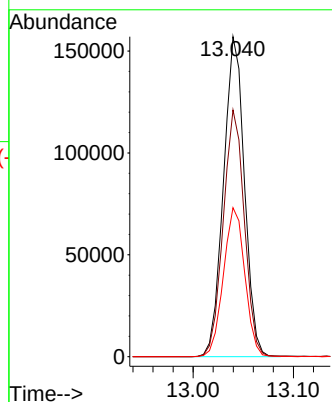
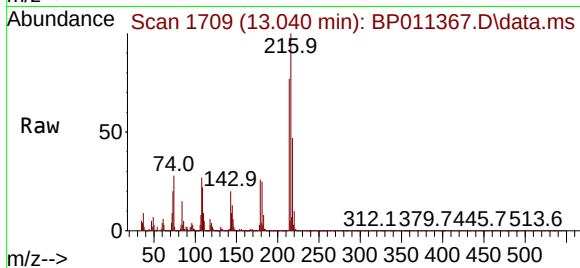




#75
1,2,3,4-Tetrachlorobenzene
Concen: 28.799 ng/uL
RT: 13.040 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

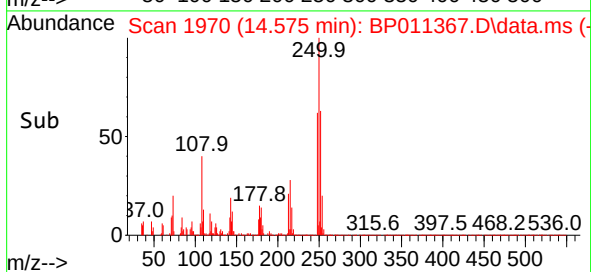
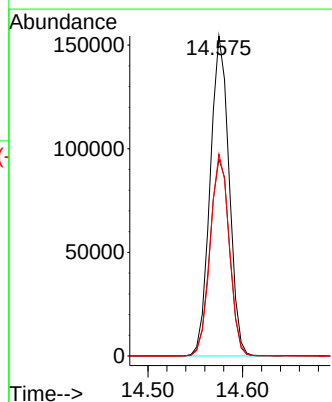
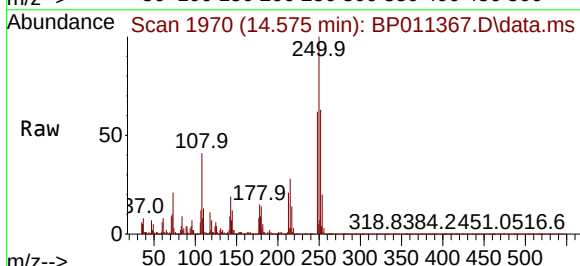
Instrument :
BNA_P
ClientSampleId :

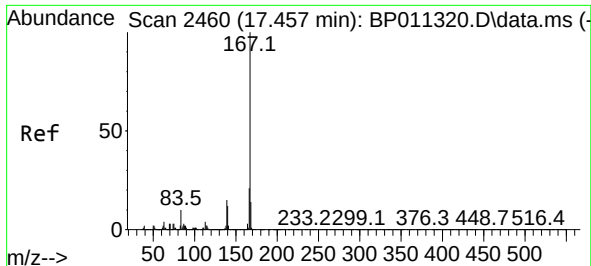
Tgt Ion:216 Resp: 227429
Ion Ratio Lower Upper
216 100
214 77.1 62.0 93.0
218 46.6 38.2 57.4



#76
Pentachlorobenzene
Concen: 31.082 ng/uL
RT: 14.575 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:250 Resp: 213765
Ion Ratio Lower Upper
250 100
248 61.5 49.2 73.8
252 63.1 50.8 76.2

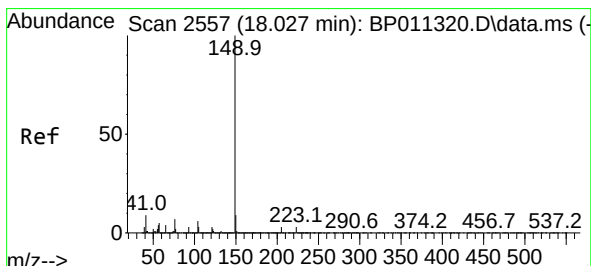
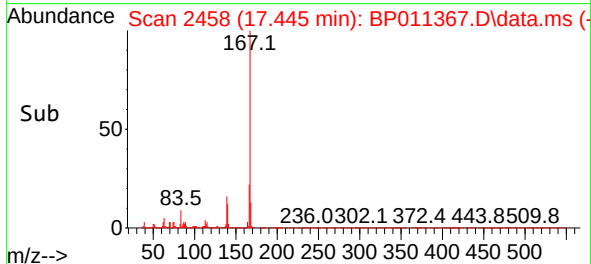
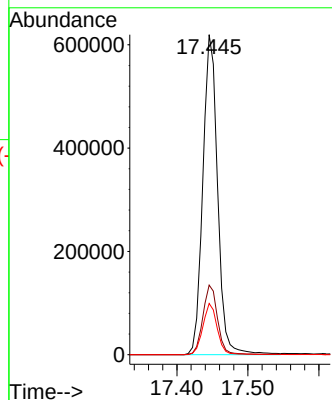
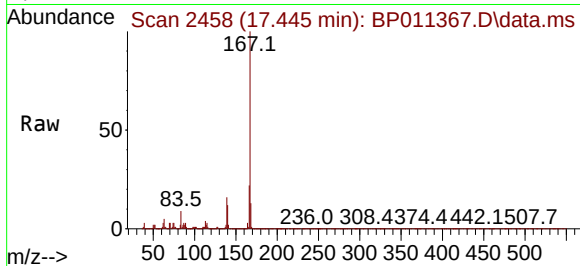




#77
 Carbazole
 Concen: 31.269 ng/ul
 RT: 17.445 min Scan# 2460
 Delta R.T. -0.006 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

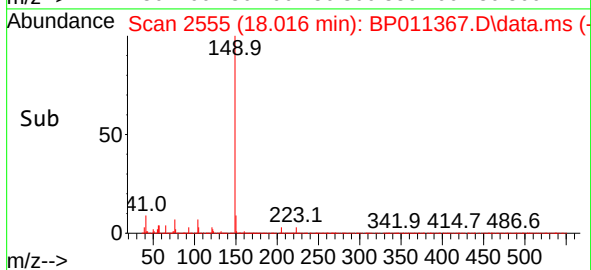
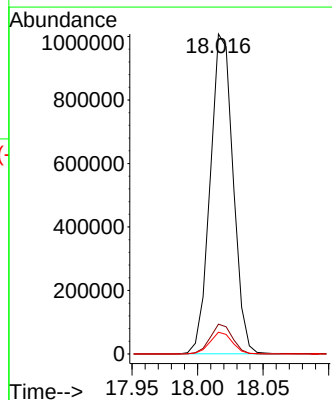
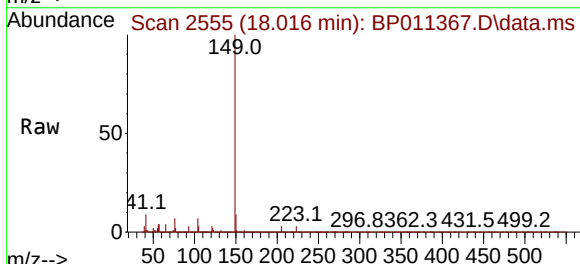
Instrument :
 BNA_P
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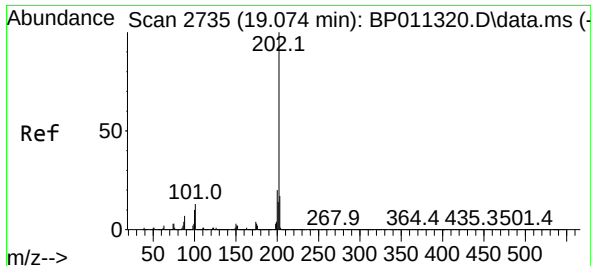
Tgt Ion:167 Resp: 897228
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 16.0 11.5 17.3



#78
 Di-n-butylphthalate
 Concen: 38.996 ng/ul
 RT: 18.016 min Scan# 2555
 Delta R.T. -0.012 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

Tgt Ion:149 Resp: 1223541
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.8 5.1 7.7

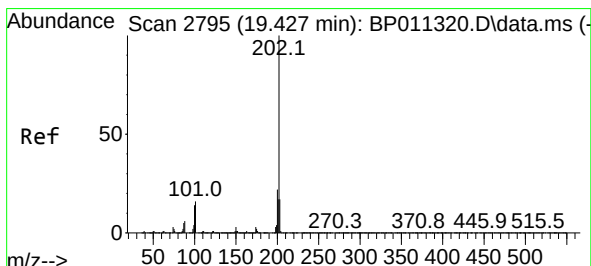
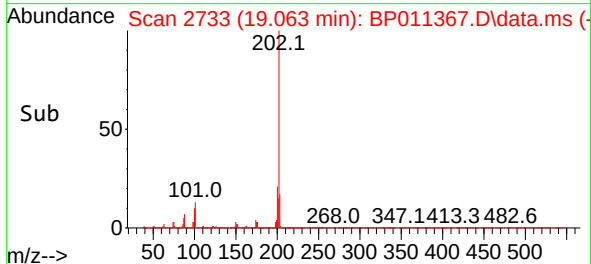
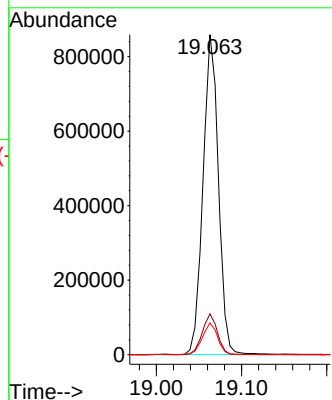
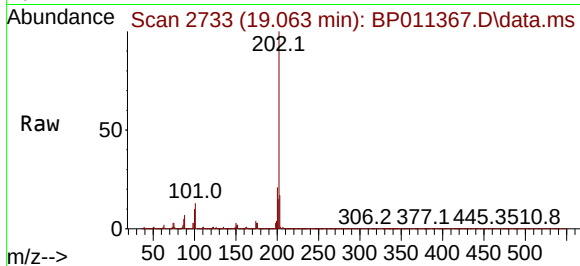




#80
Fluoranthene
Concen: 31.642 ng/ul
RT: 19.063 min Scan# 2733
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

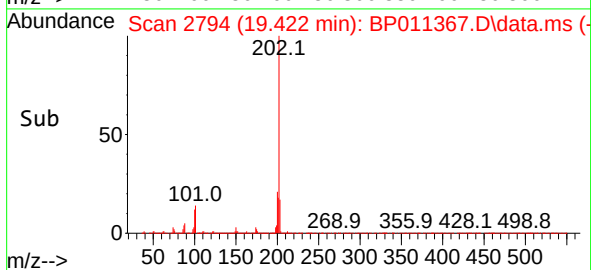
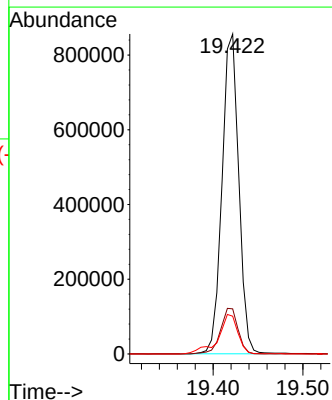
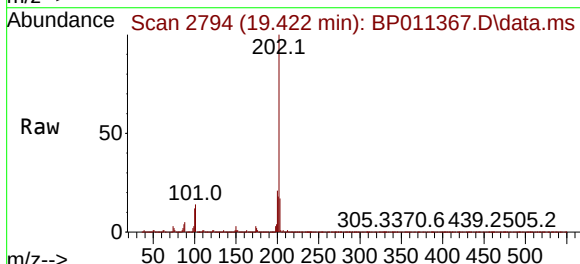
Instrument :
BNA_P
ClientSampleId :

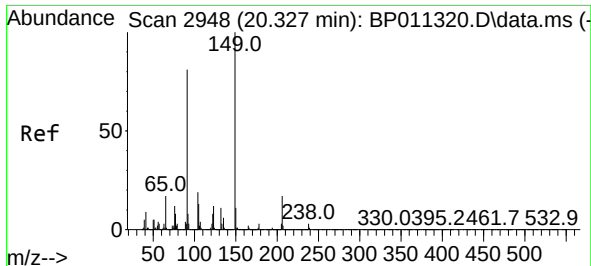
Tgt Ion:202 Resp: 1079167
Ion Ratio Lower Upper
202 100
101 12.8 11.9 17.9
100 9.9 9.3 13.9



#82
Pyrene
Concen: 30.781 ng/ul
RT: 19.422 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:202 Resp: 1108066
Ion Ratio Lower Upper
202 100
101 14.1 14.3 21.5#
100 11.8 11.8 17.6

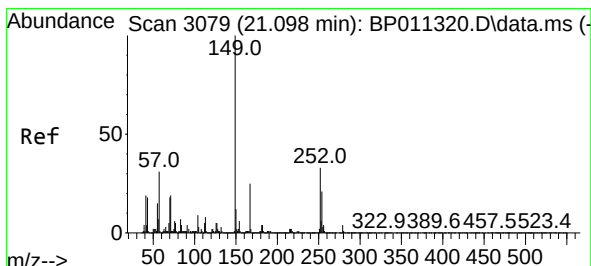
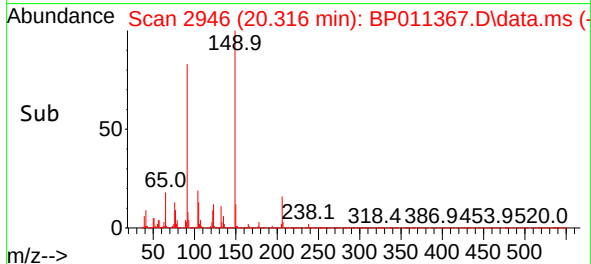
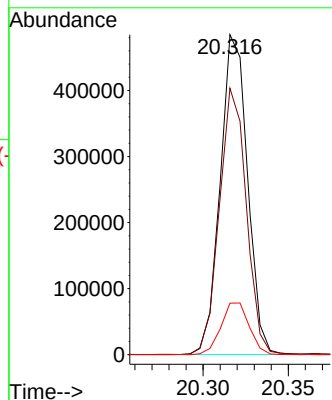
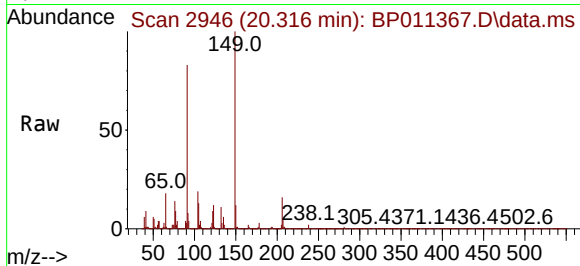




#83
Butylbenzylphthalate
Concen: 46.990 ng/ul
RT: 20.316 min Scan# 2946
Delta R.T. -0.012 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

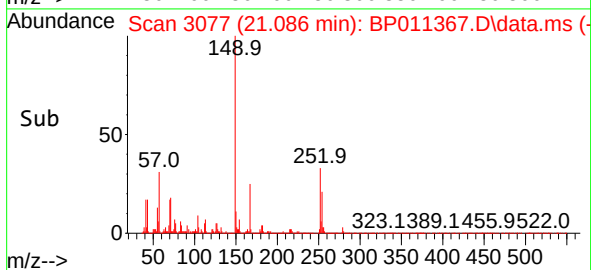
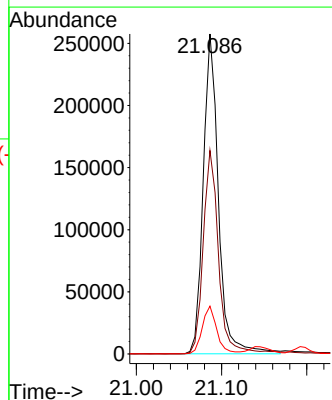
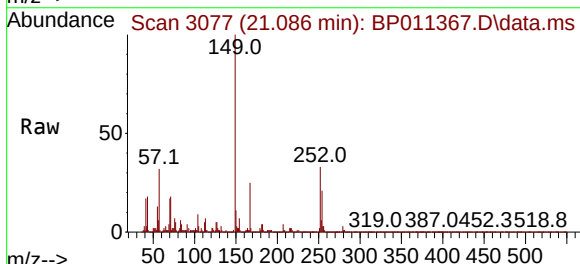
Instrument :
BNA_P
ClientSampleId :

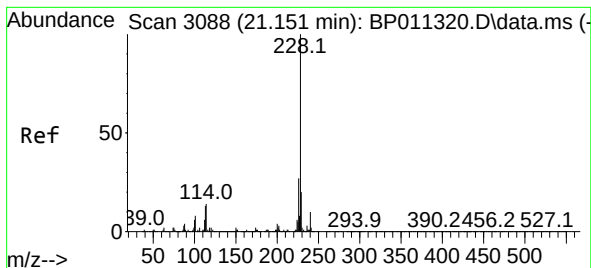
Tgt Ion:149 Resp: 539053
Ion Ratio Lower Upper
149 100
91 83.2 64.2 96.4
206 16.1 14.0 21.0



#84
3,3'-Dichlorobenzidine
Concen: 34.521 ng/ul
RT: 21.086 min Scan# 3077
Delta R.T. -0.012 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:252 Resp: 319530
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 14.9 11.4 17.0





#85

Benzo(a)anthracene

Concen: 31.209 ng/ul

RT: 21.145 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

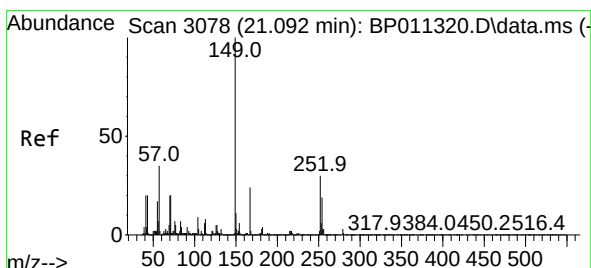
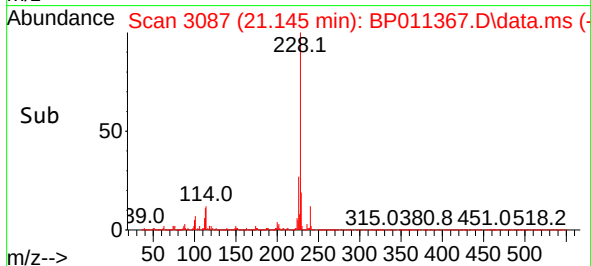
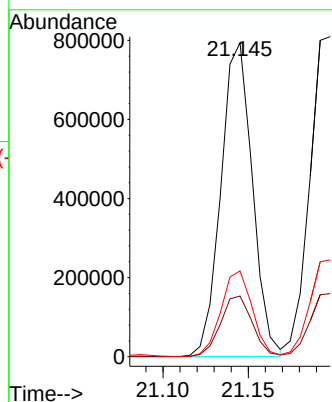
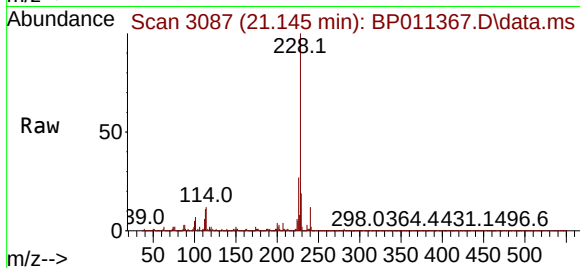
Tgt Ion:228 Resp: 1018342

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.6

226 27.3 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.709 ng/ul

RT: 21.086 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

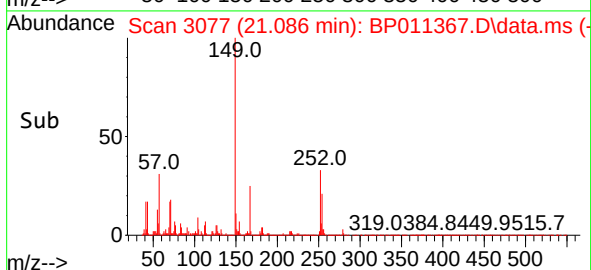
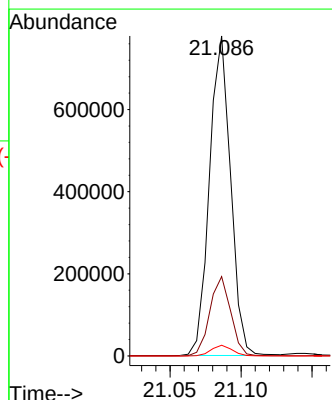
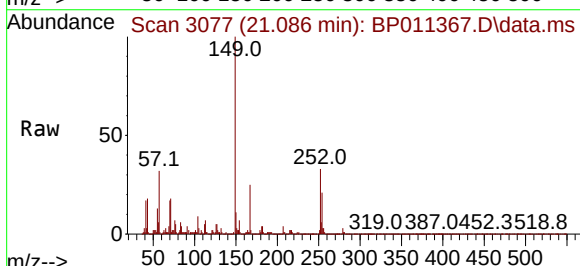
Tgt Ion:149 Resp: 804940

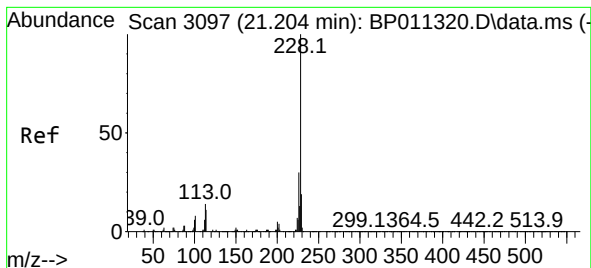
Ion Ratio Lower Upper

149 100

167 24.8 20.4 30.6

279 3.4 2.9 4.3





#87

Chrysene

Concen: 31.363 ng/ul

RT: 21.198 min Scan# 30

Delta R.T. -0.006 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Instrument :

BNA_P

ClientSampleId :

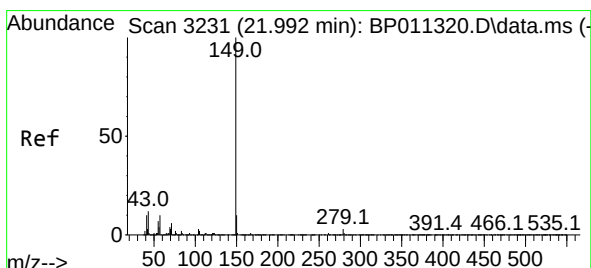
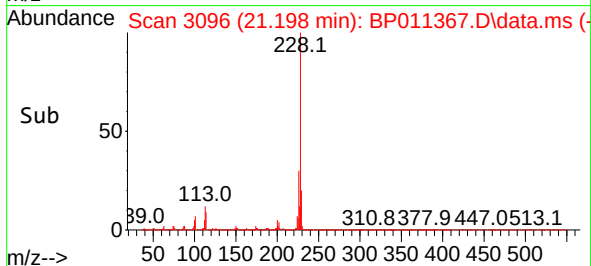
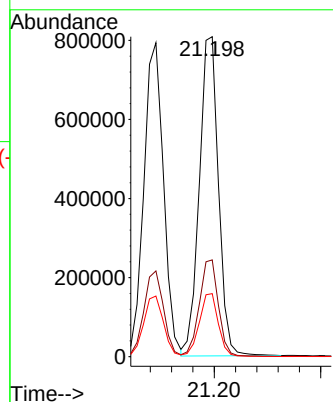
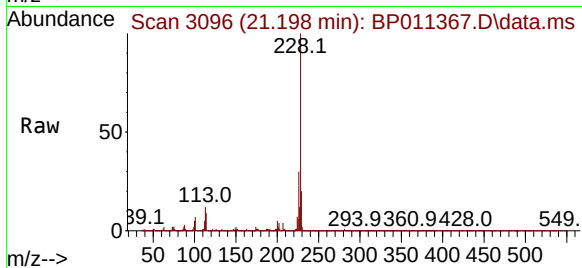
Tgt Ion:228 Resp: 1013057

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.7 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 39.609 ng/ul

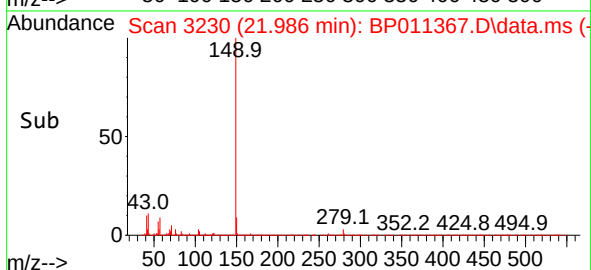
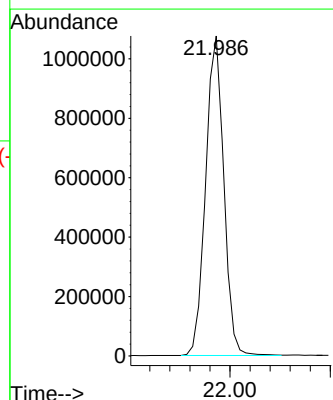
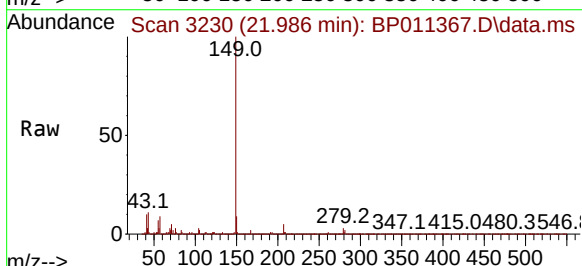
RT: 21.986 min Scan# 3230

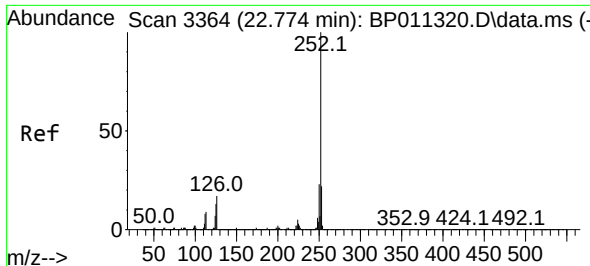
Delta R.T. -0.012 min

Lab File: BP011367.D

Acq: 10 Aug 2022 13:27

Tgt Ion:149 Resp: 1353534

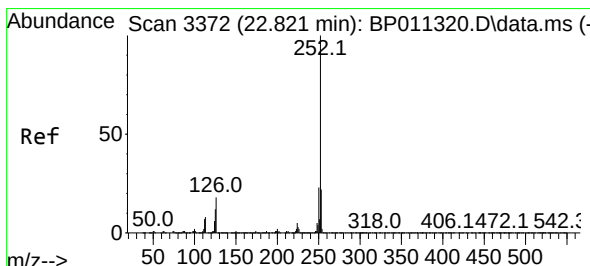
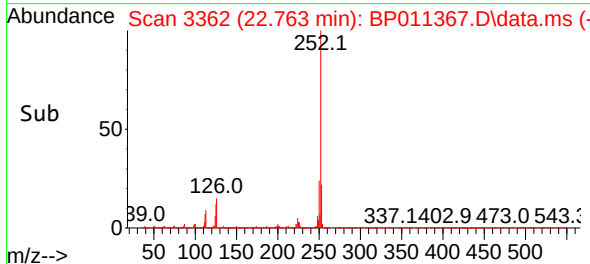
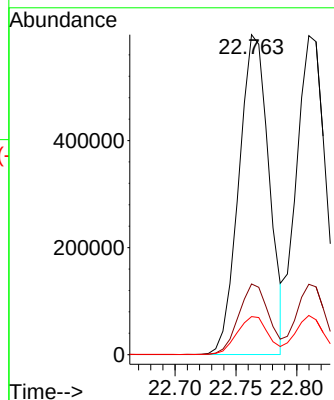
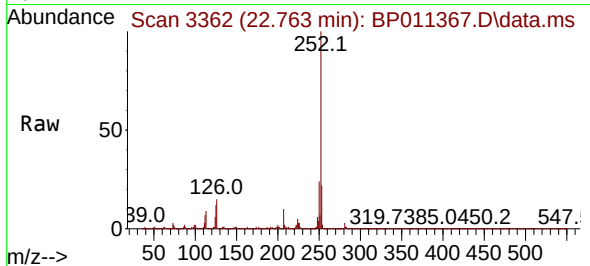




#90
Benzo(b)fluoranthene
Concen: 31.775 ng/ul
RT: 22.763 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

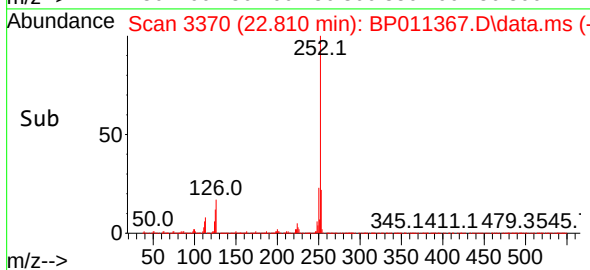
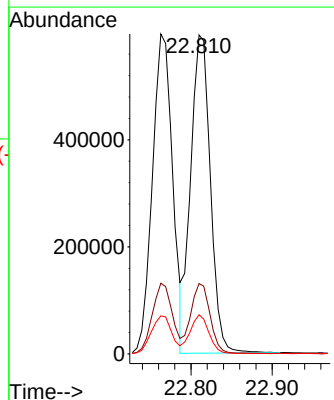
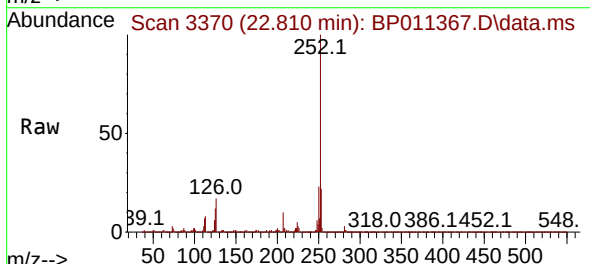
Instrument :
BNA_P
ClientSampleId :

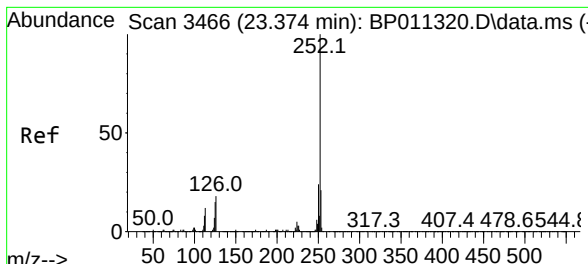
Tgt Ion:252 Resp: 1030023
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.9 10.8 16.2



#91
Benzo(k)fluoranthene
Concen: 31.755 ng/ul
RT: 22.810 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BP011367.D
Acq: 10 Aug 2022 13:27

Tgt Ion:252 Resp: 1007124
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 12.3 11.0 16.6



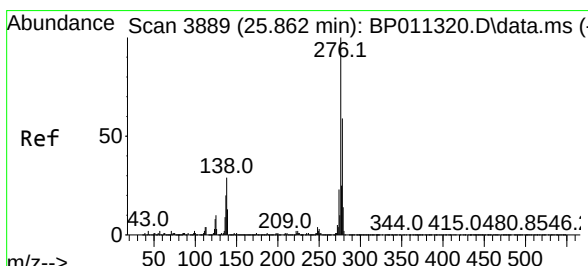
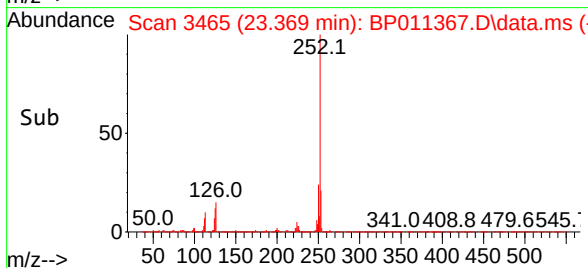
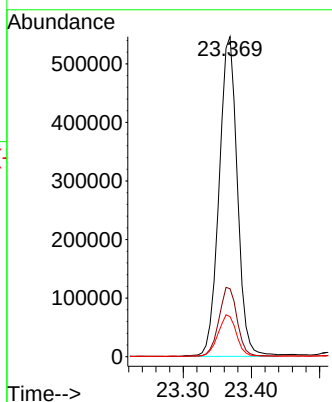
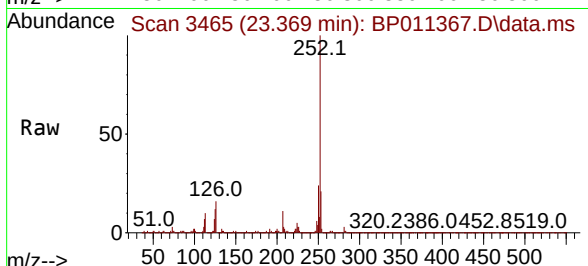


#93
 Benzo(a)pyrene
 Concen: 32.511 ng/ul
 RT: 23.369 min Scan# 3465
 Delta R.T. -0.006 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:252 Resp: 1016443

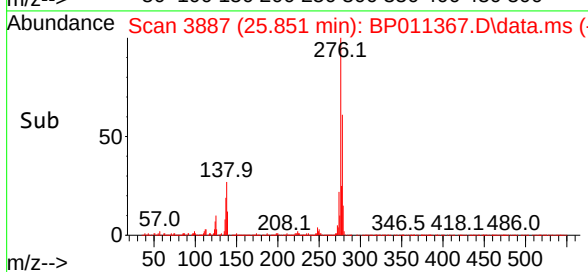
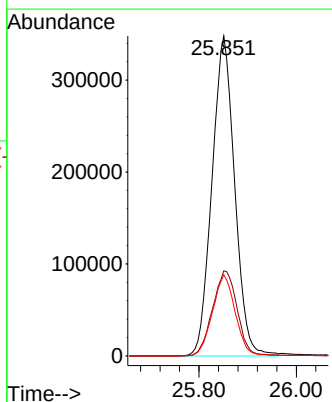
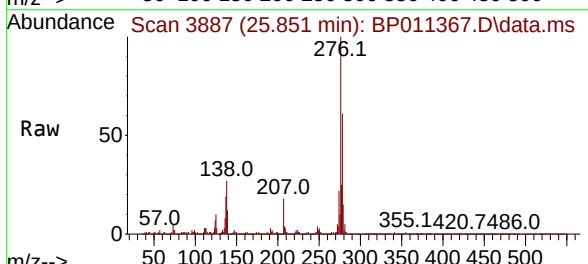
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	12.5	12.5	18.7

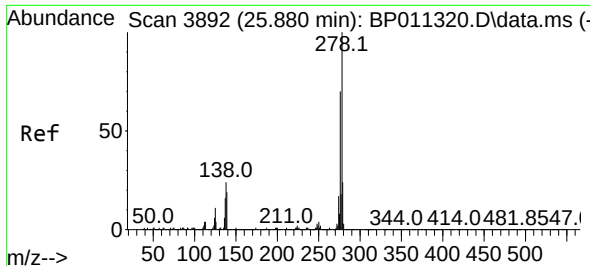


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 32.579 ng/ul
 RT: 25.851 min Scan# 3887
 Delta R.T. -0.006 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

Tgt Ion:276 Resp: 1126019

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.5	38.3
277	25.4	19.8	29.8

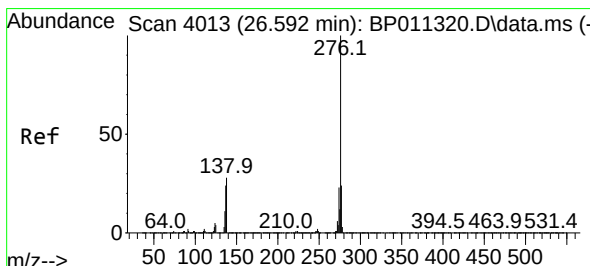
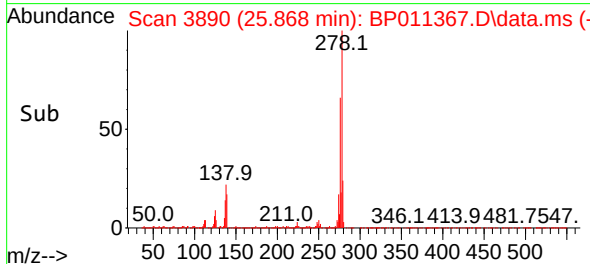
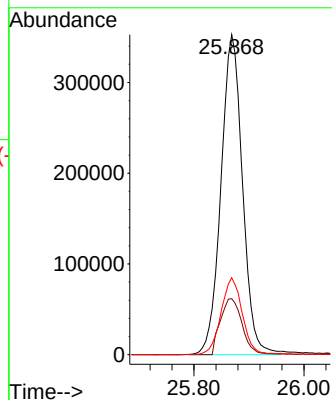
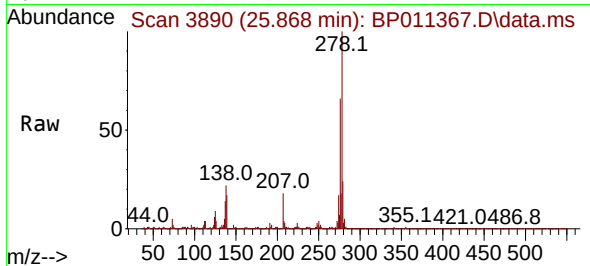




#95
 Dibenzo(a,h)anthracene
 Concen: 32.662 ng/ul
 RT: 25.868 min Scan# 3890
 Delta R.T. -0.018 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 960108
 Ion Ratio Lower Upper
 278 100
 139 17.5 18.5 27.7#
 279 24.1 19.6 29.4



#96
 Benzo(g,h,i)perylene
 Concen: 32.634 ng/ul
 RT: 26.580 min Scan# 4011
 Delta R.T. -0.012 min
 Lab File: BP011367.D
 Acq: 10 Aug 2022 13:27

Tgt Ion:276 Resp: 951763
 Ion Ratio Lower Upper
 276 100
 138 25.2 22.8 34.2
 277 23.6 18.5 27.7

