

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072022\
 Data File : BP011053.D
 Acq On : 20 Jul 2022 13:16
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020707

Quant Time: Jul 21 00:42:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	377043	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1557154	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.340	164	872606	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1745021	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.233	240	1711082	20.000	ng/ul	# 0.00
88) Perylene-d12	23.586	264	1757006	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	86860	8.305	ng/uL	0.00
4) Pyridine-d5	3.587	84	538547	19.922	ng/ul	0.00
7) Phenol-d5	6.858	99	583923	18.867	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	400496	20.123	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	490790	19.625	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	465692	18.795	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	226905	19.996	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	210563	18.752	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	398826	19.422	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	645809	19.077	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1163887	19.515	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1414378	20.100	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	210330	17.425	ng/ul	0.00
60) Fluorene-d10	15.340	176	995057	19.629	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	142042	16.450	ng/ul	0.00
73) Anthracene-d10	17.210	188	1493312	20.130	ng/ul	0.00
81) Pyrene-d10	19.463	212	1726968	19.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	1654085	19.601	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	90486	8.246	ng/uL#	84
5) Pyridine	3.611	79	560460	20.118	ng/ul#	76
6) Benzaldehyde	6.828	77	244508	16.264	ng/ul	97
8) Phenol	6.881	94	626984	19.058	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.116	93	514772	19.716	ng/ul	90
12) 2-Chlorophenol	7.246	128	517987	20.037	ng/ul	93
13) 2-Methylphenol	8.128	108	460947	18.946	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.211	45	473557	13.261	ng/ul#	98
16) Acetophenone	8.505	105	738293	19.683	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.493	70	368565	19.584	ng/ul	93
18) 4-Methylphenol	8.458	108	493270	18.989	ng/ul	96
19) Hexachloroethane	8.752	117	210885	20.614	ng/ul#	81
22) Nitrobenzene	8.881	77	546285	20.471	ng/ul	94
23) Isophorone	9.410	82	978265	19.587	ng/ul	99
25) 2-Nitrophenol	9.593	139	246395	19.549	ng/ul#	81
26) 2,4-Dimethylphenol	9.658	107	536549	20.130	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.899	93	645152	19.519	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	414592	19.506	ng/ul	99
30) Naphthalene	10.522	128	1567202	19.750	ng/ul	99
32) 4-Chloroaniline	10.640	127	650660	19.431	ng/ul	100
33) Hexachlorobutadiene	10.804	225	247194	19.980	ng/ul	97
34) Caprolactam	11.434	113	177123	23.779	ng/ul	93
35) 4-Chloro-3-methylphenol	11.775	107	454646	18.928	ng/ul	95
36) 2-Methylnaphthalene	12.146	142	1010065	19.635	ng/ul	99

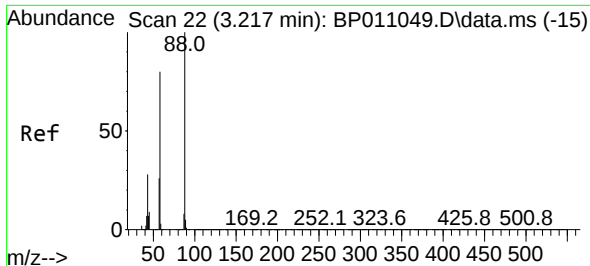
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072022\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1005055	19.492	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	455272	19.782	ng/ul#	98
40) Hexachlorocyclopentadiene	12.493	237	269107	18.879	ng/ul	95
41) 2,4,6-Trichlorophenol	12.763	196	281860	18.597	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	310843	19.191	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	1280327	19.664	ng/ul#	98
44) 2-Chloronaphthalene	13.204	162	977346	19.985	ng/ul	97
45) 2-Nitroaniline	13.422	65	276484	19.405	ng/ul	88
47) Dimethylphthalate	13.810	163	1172202	19.479	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	217553	19.968	ng/ul	96
50) Acenaphthylene	14.057	152	1593408	20.180	ng/ul	98
51) 3-Nitroaniline	14.257	138	190367	14.543	ng/ul	92
52) Acenaphthene	14.404	153	1025334	19.602	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	108030	16.948	ng/ul#	85
55) 4-Nitrophenol	14.569	109	180716	19.555	ng/ul#	76
56) Dibenzofuran	14.745	168	1416155	19.621	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	313090	20.146	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.975	232	239804	18.905	ng/ul#	89
59) Diethylphthalate	15.187	149	1208210	19.550	ng/ul	98
61) Fluorene	15.398	166	1153348	19.912	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	526277	19.736	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.481	198	150548	16.995	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	971443	19.488	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	305113	19.387	ng/ul	94
69) Hexachlorobenzene	16.404	284	348639	19.087	ng/ul	95
70) Atrazine	16.587	200	328982	19.078	ng/ul	98
71) Pentachlorophenol	16.757	266	212720	18.909	ng/ul	96
72) Phenanthrene	17.151	178	1803657	19.839	ng/ul	99
74) Anthracene	17.245	178	1818444	20.108	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	467098	18.698	ng/uL	99
76) Pentachlorobenzene	14.657	250	424238	19.373	ng/uL	99
77) Carbazole	17.522	167	1683689	19.892	ng/ul	99
78) Di-n-butylphthalate	18.092	149	2065262	19.520	ng/ul	99
80) Fluoranthene	19.139	202	2072636	19.720	ng/ul#	87
82) Pyrene	19.492	202	2139763	19.732	ng/ul#	82
83) Butylbenzylphthalate	20.392	149	932721	19.281	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.157	252	538997	17.790	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	2055367	19.724	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	1410808	19.546	ng/ul#	95
87) Chrysene	21.269	228	1970985	19.263	ng/ul	99
89) Di-n-octyl phthalate	22.069	149	2350482	19.947	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	2145576	19.777	ng/ul#	95
91) Benzo(k)fluoranthene	22.916	252	1981464	19.445	ng/ul#	94
93) Benzo(a)pyrene	23.480	252	2043812	19.617	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.021	276	2355563	19.455	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	2032642	19.401	ng/ul#	92
96) Benzo(g,h,i)perylene	26.768	276	2015047	19.540	ng/ul#	86

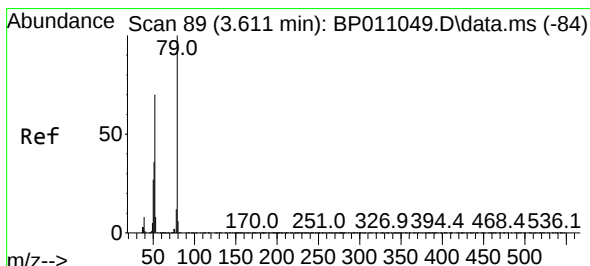
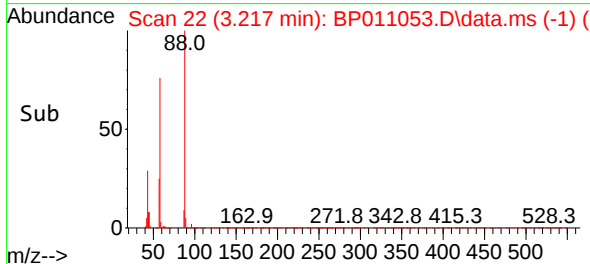
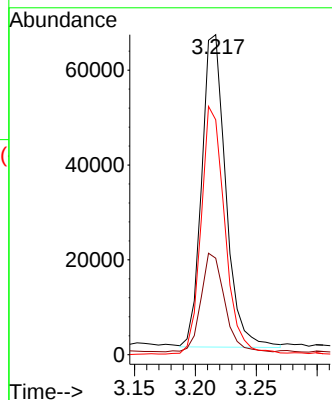
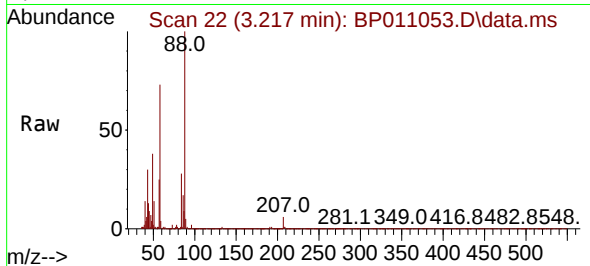
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#2
 1,4-Dioxane
 Concen: 8.246 ng/uL
 RT: 3.217 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP011053.D
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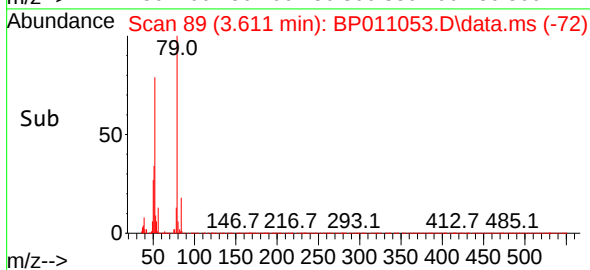
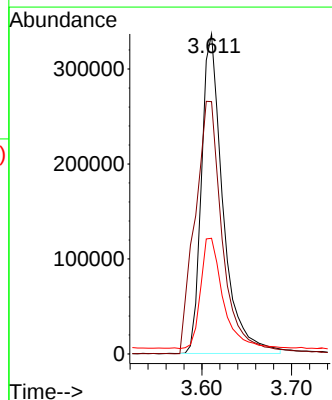
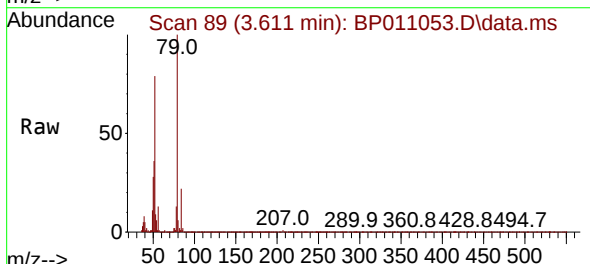
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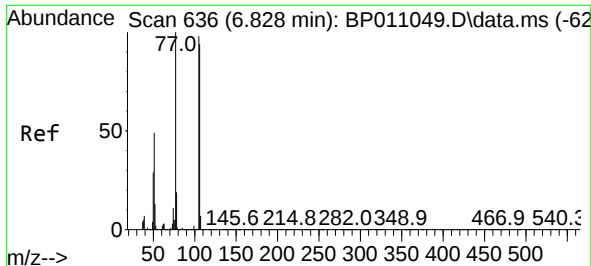
Tgt Ion: 88 Resp: 90486
 Ion Ratio Lower Upper
 88 100
 43 30.2 35.8 53.6#
 58 73.4 68.1 102.1



#5
 Pyridine
 Concen: 20.118 ng/uL
 RT: 3.611 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BP011053.D
 Acq: 20 Jul 2022 13:16

Tgt Ion: 79 Resp: 560460
 Ion Ratio Lower Upper
 79 100
 52 78.9 83.8 125.8#
 51 36.1 41.0 61.4#

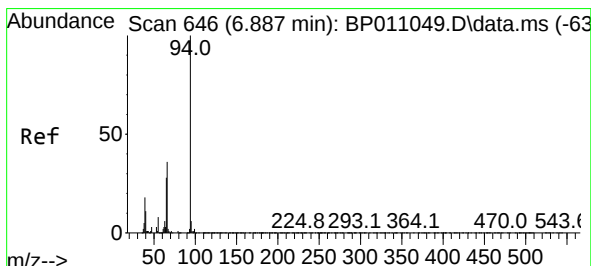
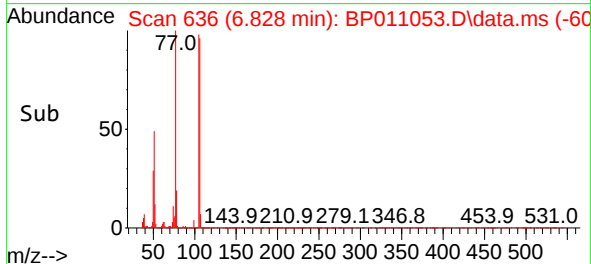
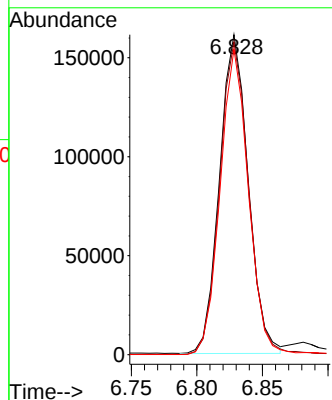
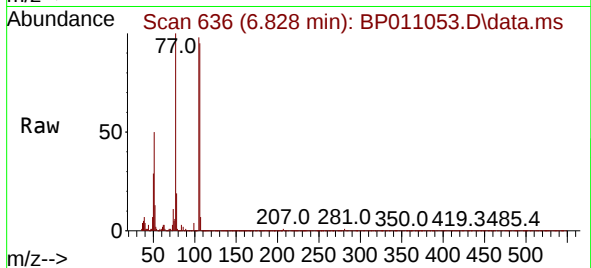




#6
Benzaldehyde
Concen: 16.264 ng/ul
RT: 6.828 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

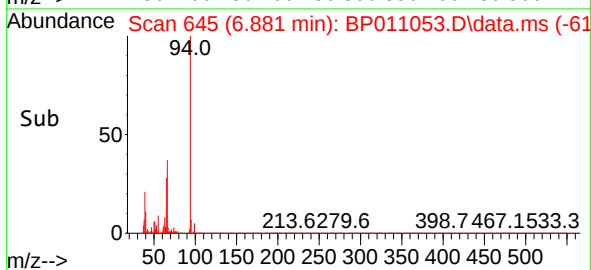
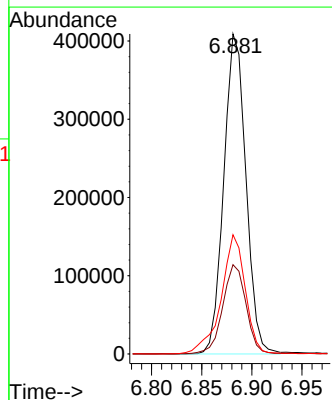
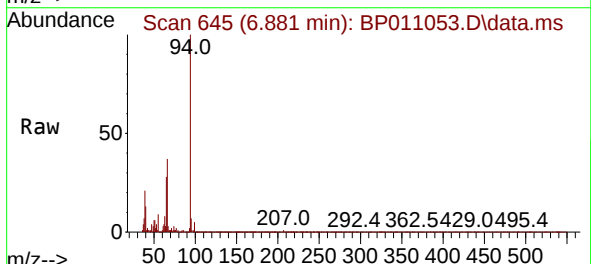
Instrument :
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ClientSampleId :
SSTD020707

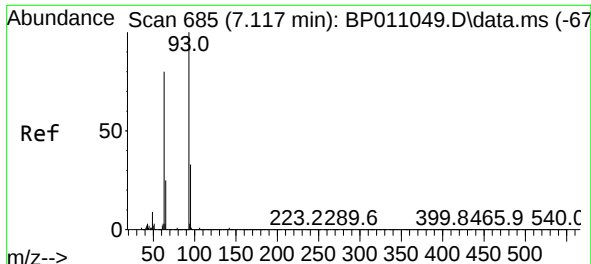
Tgt Ion: 77 Resp: 244508
Ion Ratio Lower Upper
77 100
105 97.7 76.0 114.0
106 95.4 73.2 109.8



#8
Phenol
Concen: 19.058 ng/ul
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion: 94 Resp: 626984
Ion Ratio Lower Upper
94 100
65 27.9 27.4 41.2
66 37.3 37.4 56.2#





#10

Bis(2-Chloroethyl)ether

Concen: 19.716 ng/ul

RT: 7.116 min Scan# 685

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

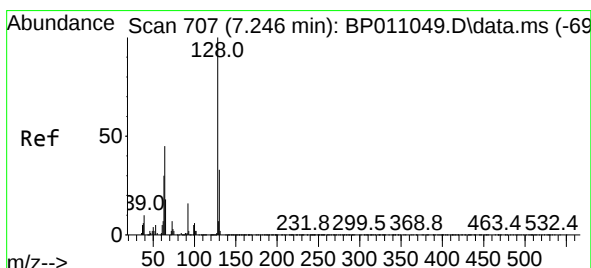
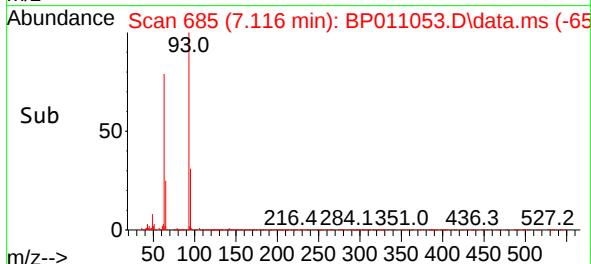
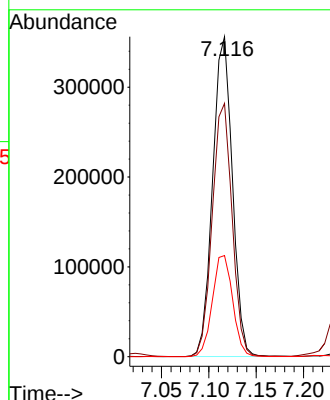
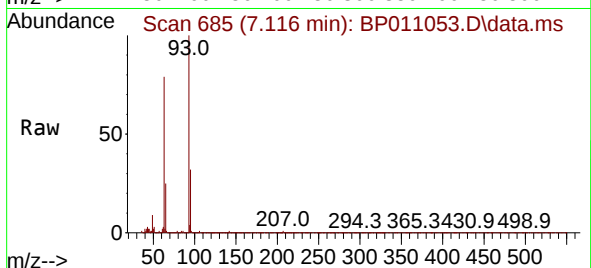
Tgt Ion: 93 Resp: 514772

Ion Ratio Lower Upper

93 100

63 79.2 72.4 108.6

95 31.6 27.3 40.9



#12

2-Chlorophenol

Concen: 20.037 ng/ul

RT: 7.246 min Scan# 707

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

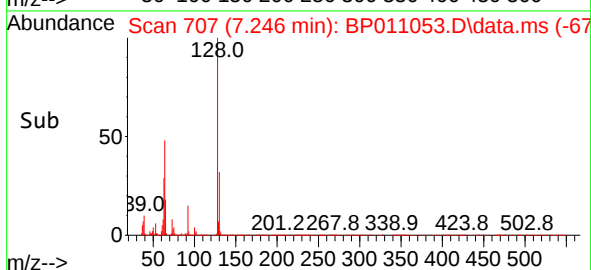
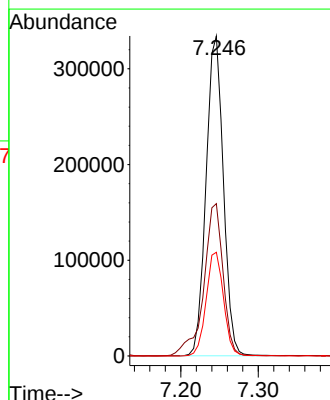
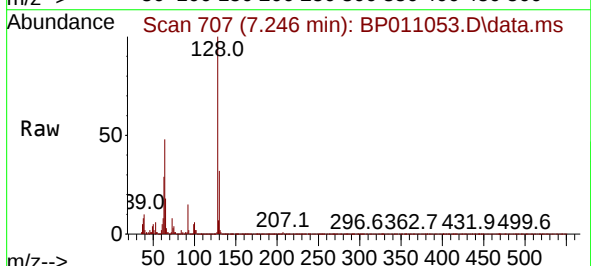
Tgt Ion:128 Resp: 517987

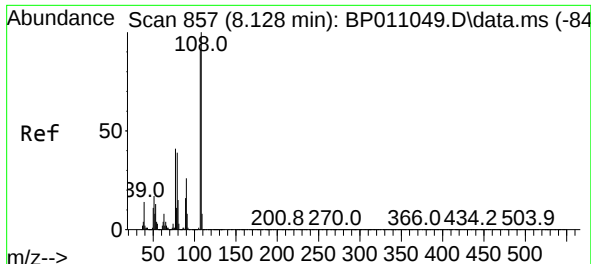
Ion Ratio Lower Upper

128 100

64 47.6 44.8 67.2

130 32.4 25.8 38.6

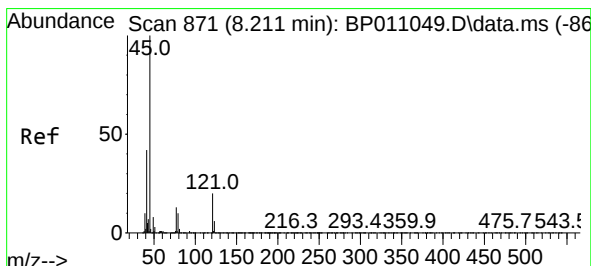
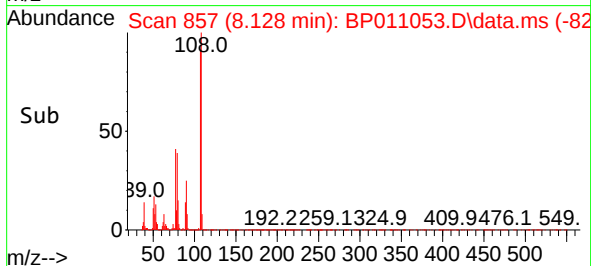
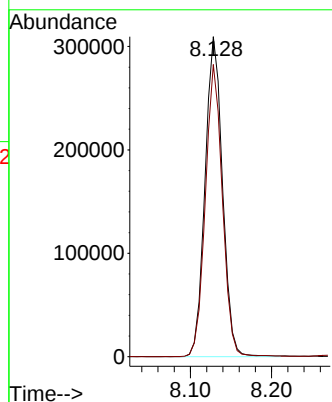
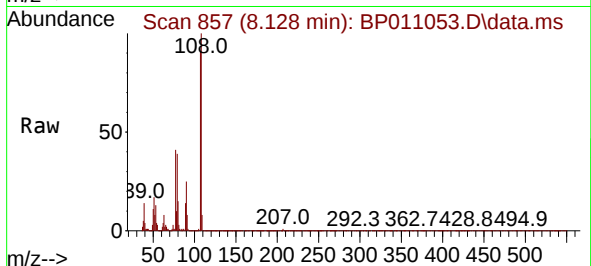




#13
2-Methylphenol
Concen: 18.946 ng/ul
RT: 8.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

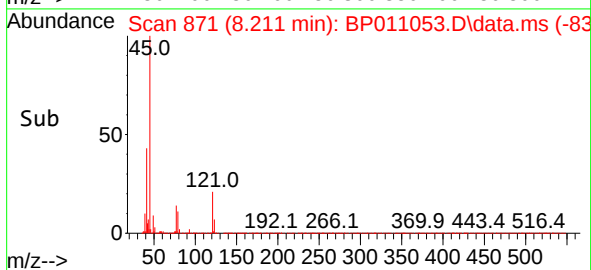
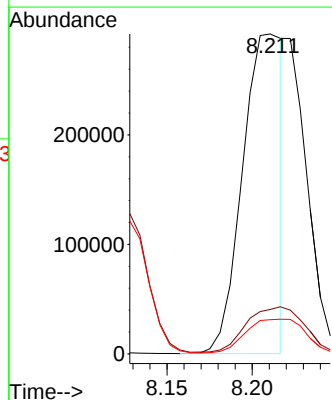
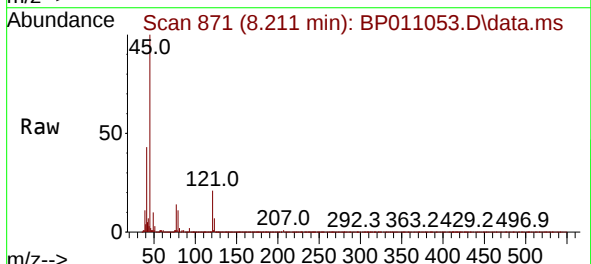
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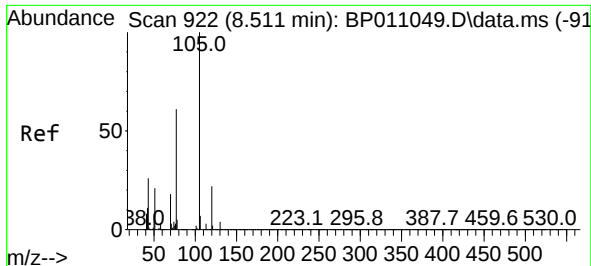
Tgt Ion:108 Resp: 460947
Ion Ratio Lower Upper
108 100
107 91.3 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 13.261 ng/ul
RT: 8.211 min Scan# 871
Delta R.T. -0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion: 45 Resp: 473557
Ion Ratio Lower Upper
45 100
77 13.9 11.2 16.8
79 10.7 6.9 10.3#

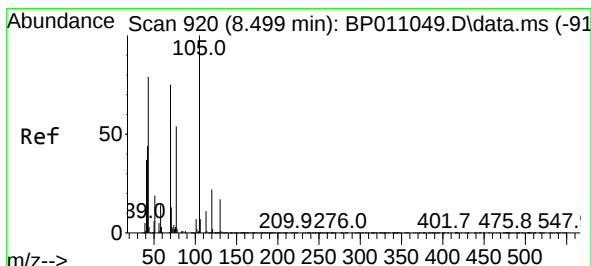
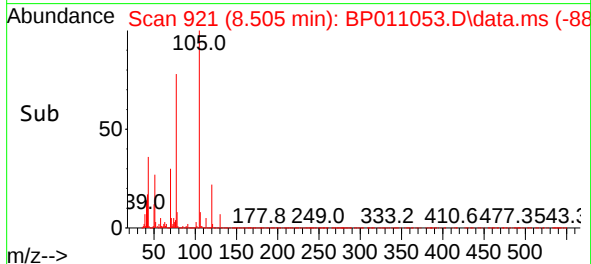
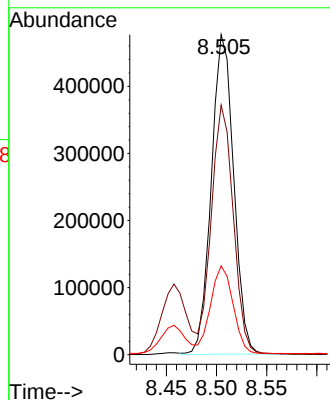
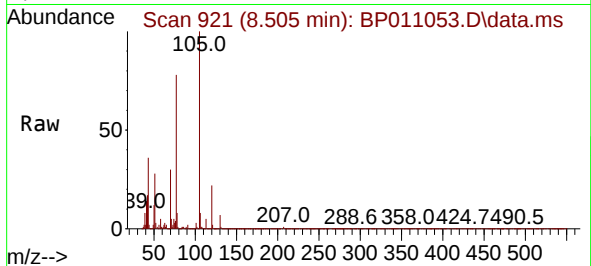




#16
Acetophenone
Concen: 19.683 ng/ul
RT: 8.505 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

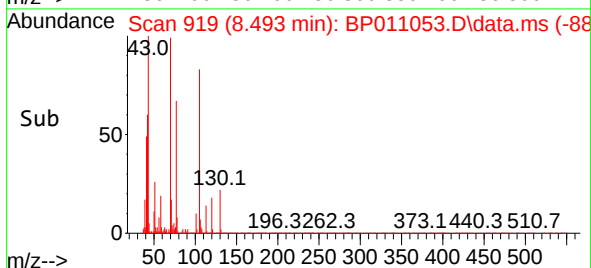
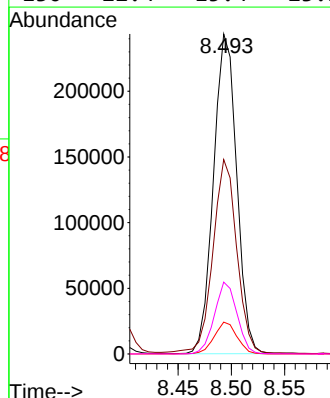
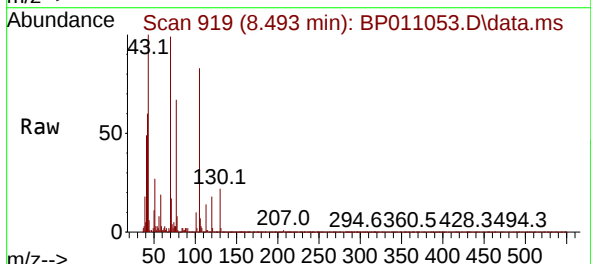
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ClientSampleId :
SSTD020707

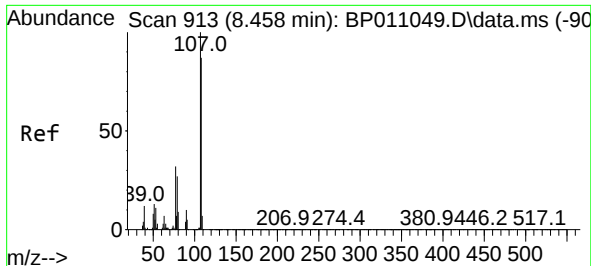
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Ion Ratio Lower Upper
105 100
77 77.9 67.5 101.3
51 27.7 29.6 44.4#



#17
N-Nitroso-di-n-propylamine
Concen: 19.584 ng/ul
RT: 8.493 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion: 70 Resp: 368565
Ion Ratio Lower Upper
70 100
42 60.8 53.8 80.8
101 10.0 7.8 11.6
130 22.4 15.4 23.2

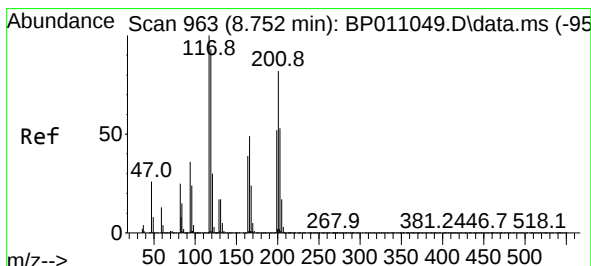
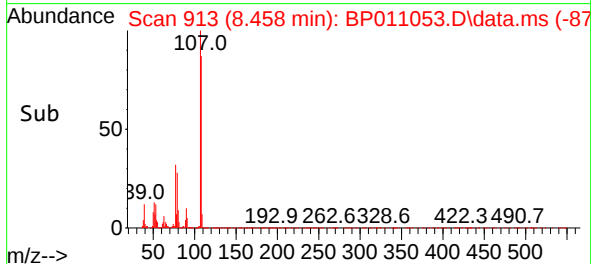
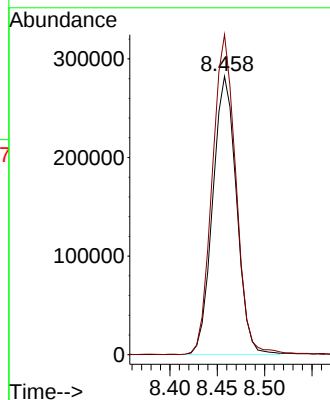
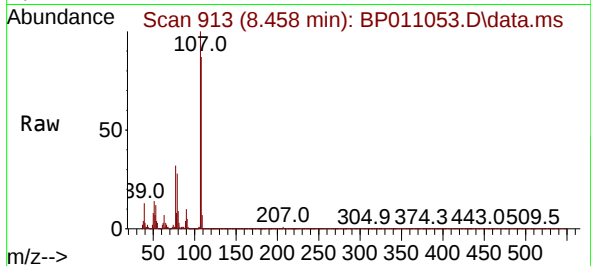




#18
4-Methylphenol
Concen: 18.989 ng/ul
RT: 8.458 min Scan# 913
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

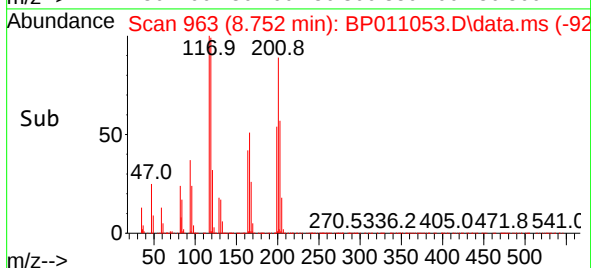
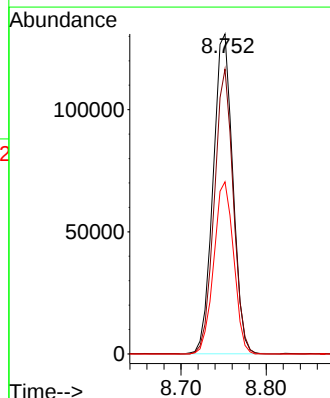
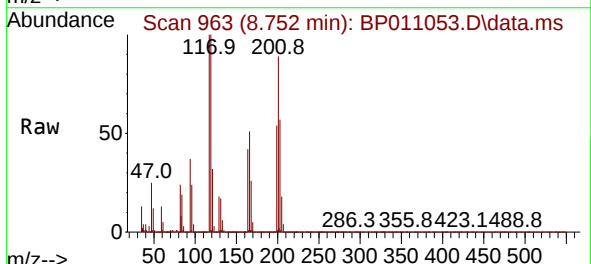
Instrument :
BNA_P
ClientSampleId :
SSTD020707

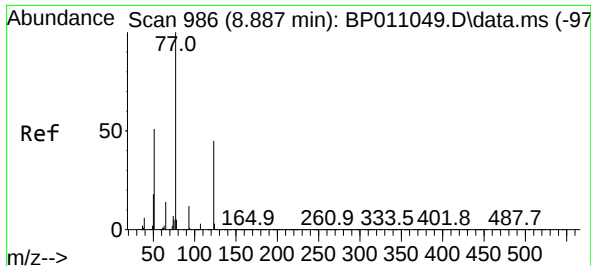
Tgt Ion:108 Resp: 493270
Ion Ratio Lower Upper
108 100
107 114.9 88.3 132.5



#19
Hexachloroethane
Concen: 20.614 ng/ul
RT: 8.752 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:117 Resp: 210885
Ion Ratio Lower Upper
117 100
201 89.0 85.7 128.5
199 53.8 57.4 86.0#

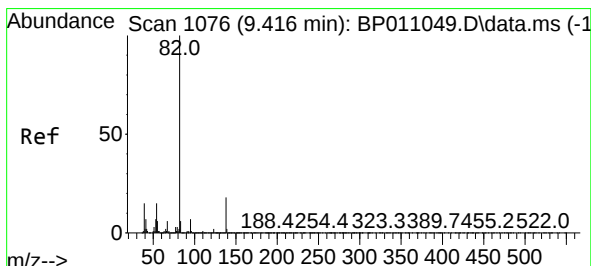
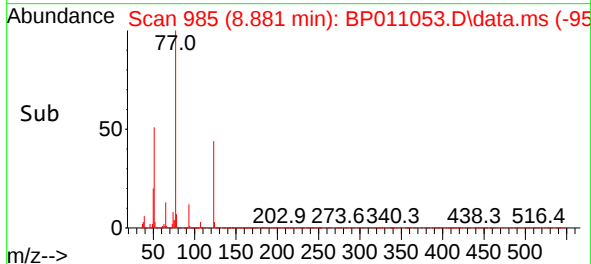
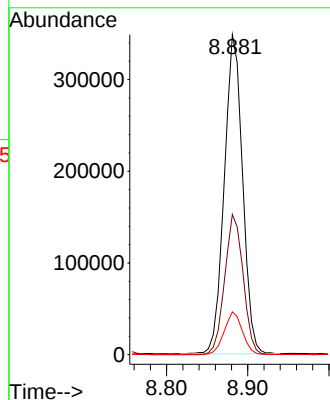
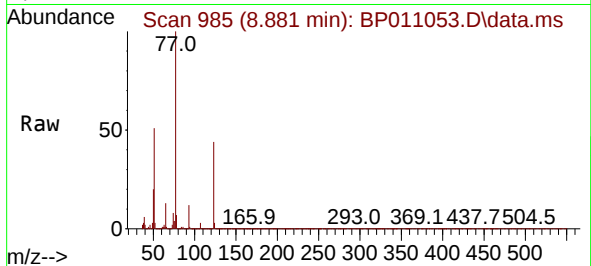




#22
Nitrobenzene
Concen: 20.471 ng/ul
RT: 8.881 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

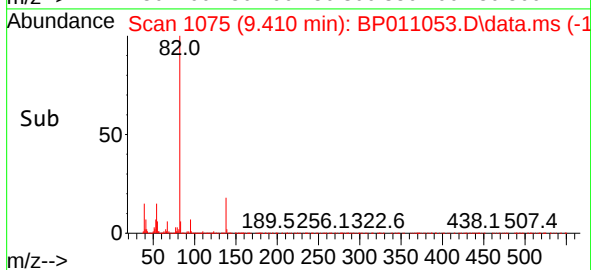
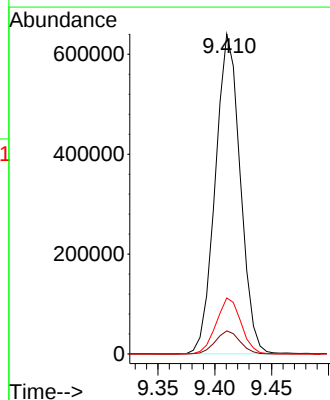
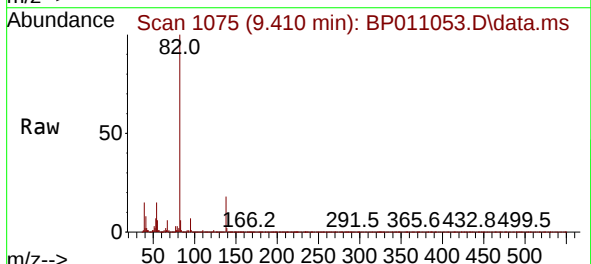
Instrument :
BNA_P
ClientSampleId :
SSTD020707

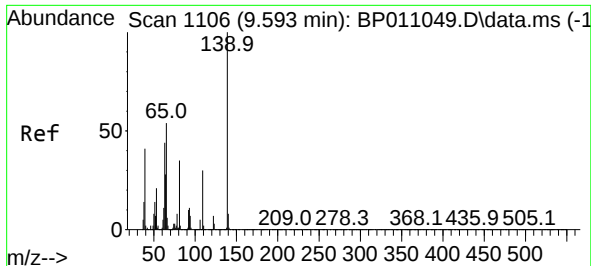
Tgt Ion: 77 Resp: 546285
Ion Ratio Lower Upper
77 100
123 43.8 31.5 47.3
65 13.4 11.4 17.2



#23
Isophorone
Concen: 19.587 ng/ul
RT: 9.410 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion: 82 Resp: 978265
Ion Ratio Lower Upper
82 100
95 7.2 6.6 10.0
138 17.5 13.8 20.6

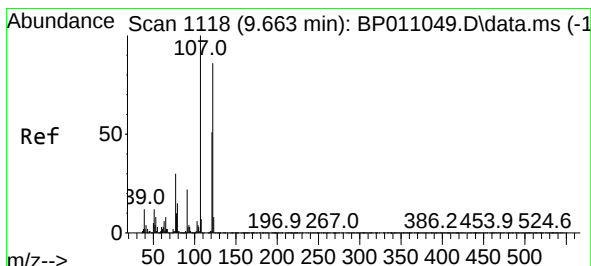
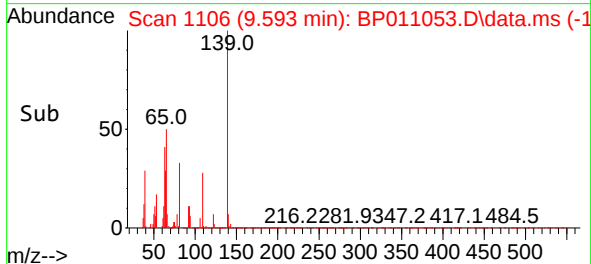
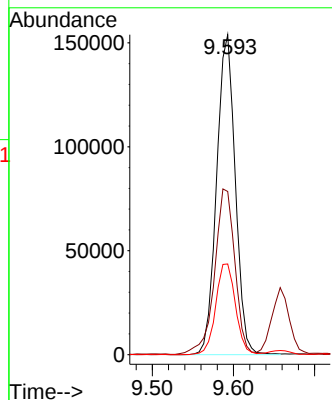
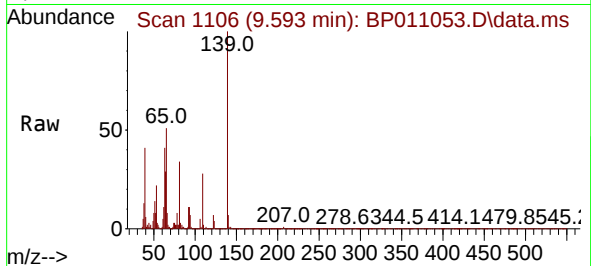




#25
2-Nitrophenol
Concen: 19.549 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

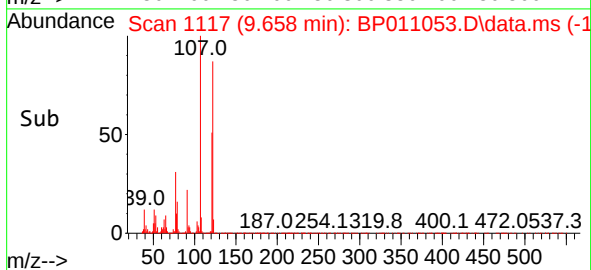
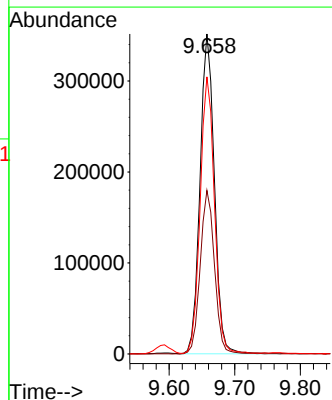
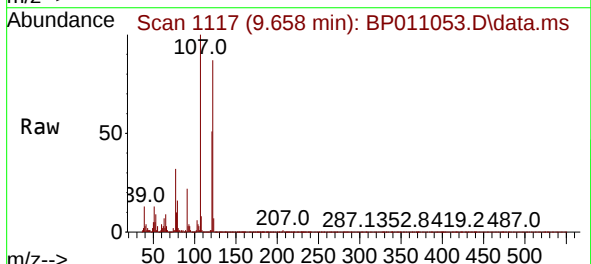
Instrument :
BNA_P
ClientSampleId :
SSTD020707

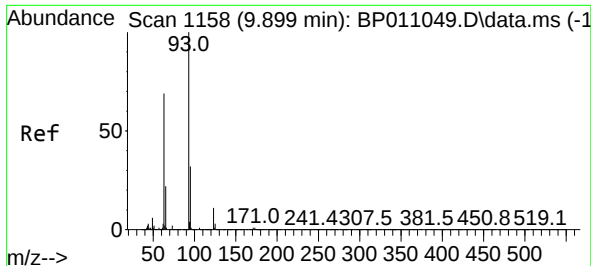
Tgt Ion:139 Resp: 246395
Ion Ratio Lower Upper
139 100
65 51.0 54.2 81.4#
109 28.3 30.6 45.8#



#26
2,4-Dimethylphenol
Concen: 20.130 ng/ul
RT: 9.658 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:107 Resp: 536549
Ion Ratio Lower Upper
107 100
121 51.1 39.1 58.7
122 86.6 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 19.519 ng/ul

RT: 9.899 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

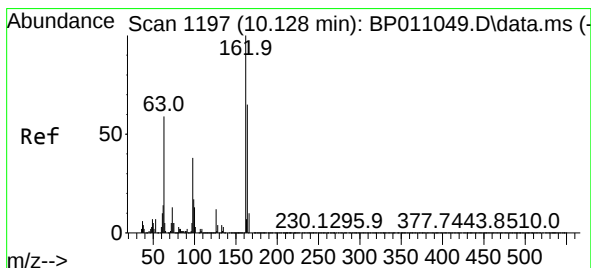
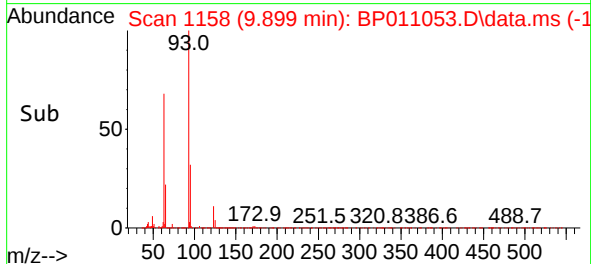
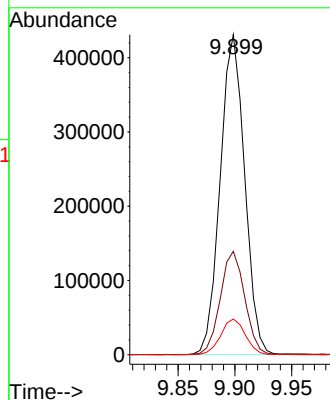
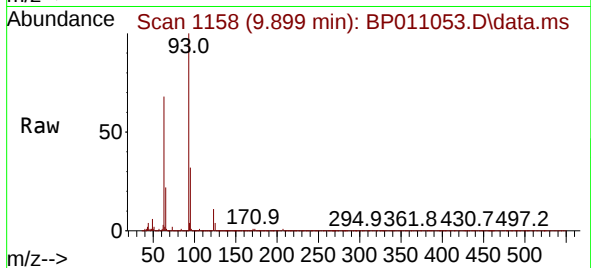
Tgt Ion: 93 Resp: 645152

Ion Ratio Lower Upper

93 100

95 32.3 26.6 39.8

123 11.2 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 19.506 ng/ul

RT: 10.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

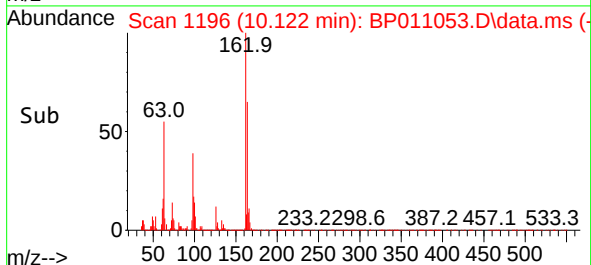
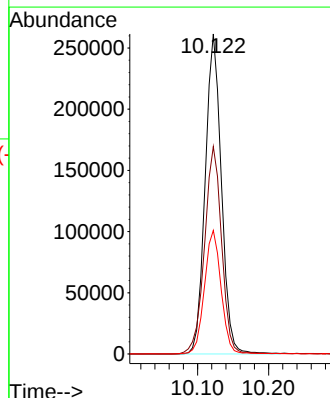
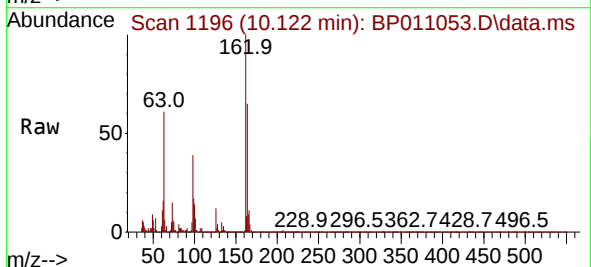
Tgt Ion:162 Resp: 414592

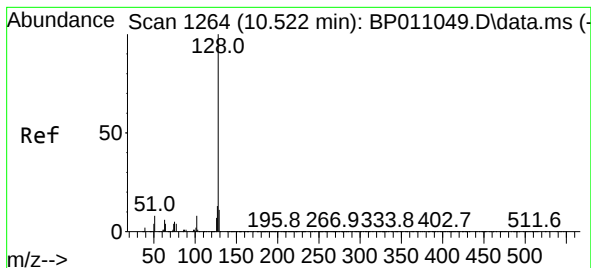
Ion Ratio Lower Upper

162 100

164 64.8 52.5 78.7

98 38.6 31.4 47.0

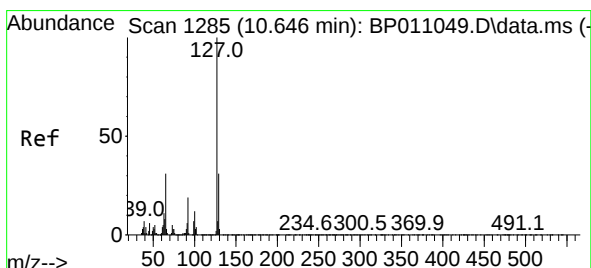
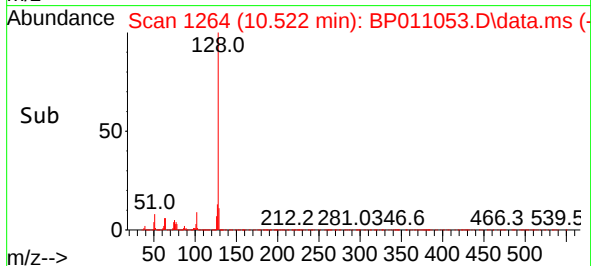
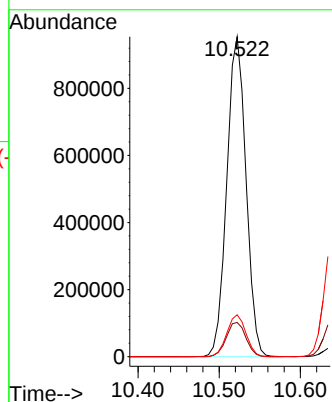
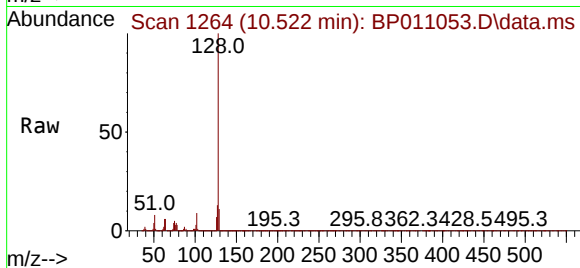




#30
Naphthalene
Concen: 19.750 ng/ul
RT: 10.522 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

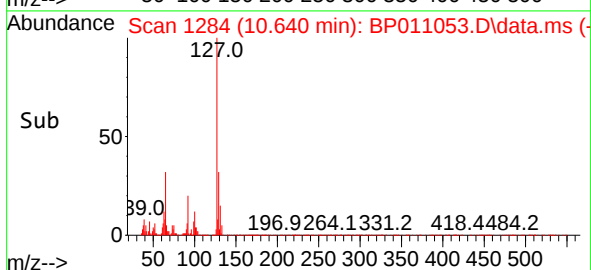
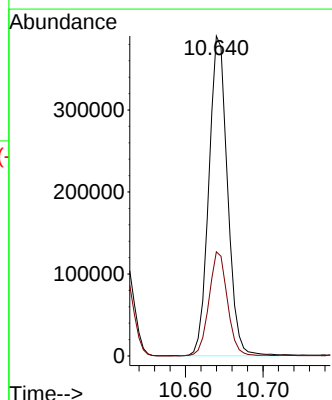
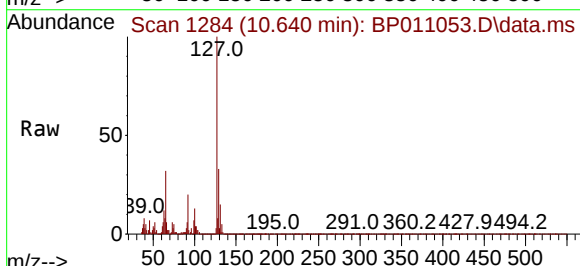
Instrument :
BNA_P
ClientSampleId :
SSTD020707

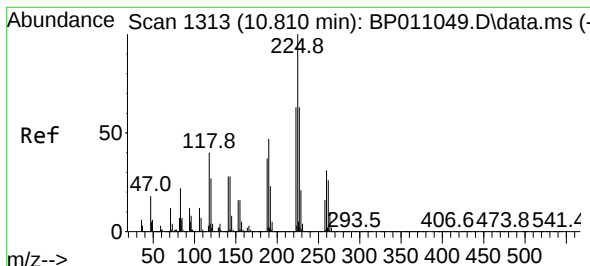
Tgt Ion:128 Resp: 1567202
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.1 10.2 15.4



#32
4-Chloroaniline
Concen: 19.431 ng/ul
RT: 10.640 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:127 Resp: 650660
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.2





#33

Hexachlorobutadiene

Concen: 19.980 ng/ul

RT: 10.804 min Scan# 1419

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

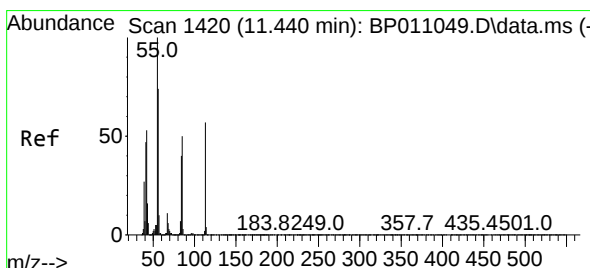
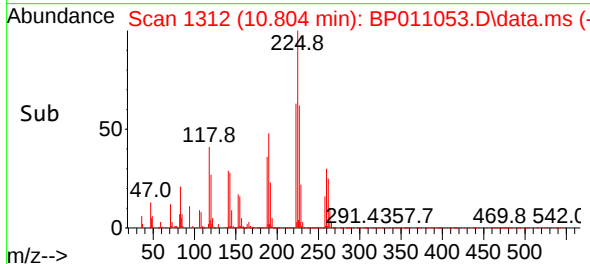
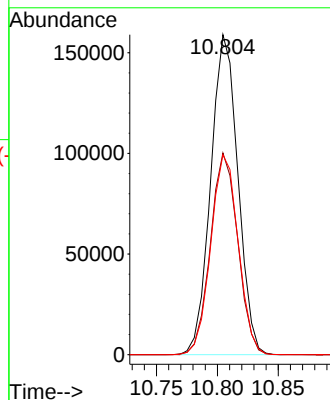
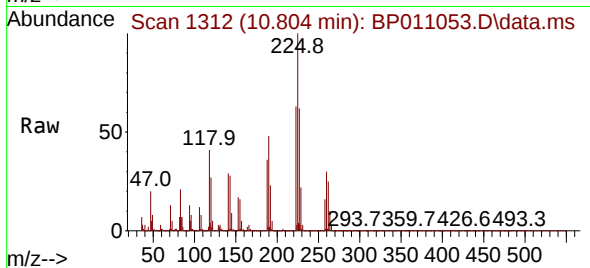
Tgt Ion:225 Resp: 247194

Ion Ratio Lower Upper

225 100

223 63.0 53.7 80.5

227 62.5 49.4 74.2



#34

Caprolactam

Concen: 23.779 ng/ul

RT: 11.434 min Scan# 1419

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

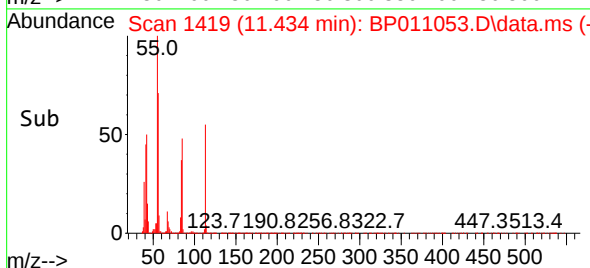
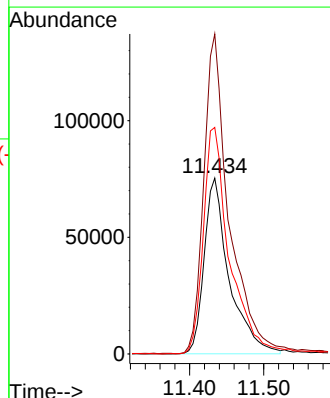
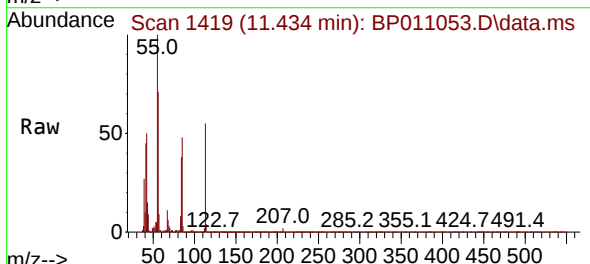
Tgt Ion:113 Resp: 177123

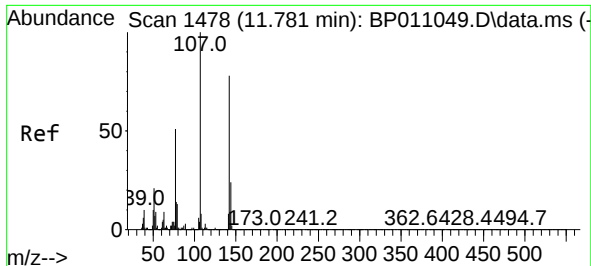
Ion Ratio Lower Upper

113 100

55 181.9 153.8 230.8

56 128.8 110.2 165.4

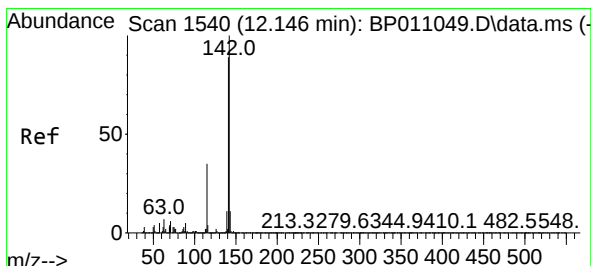
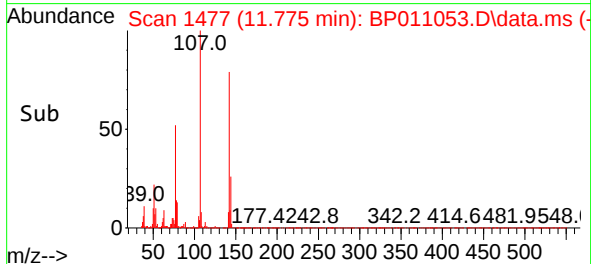
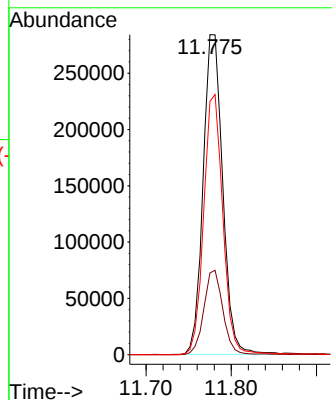
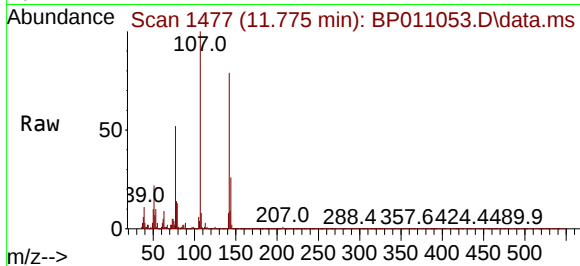




#35
4-Chloro-3-methylphenol
Concen: 18.928 ng/ul
RT: 11.775 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

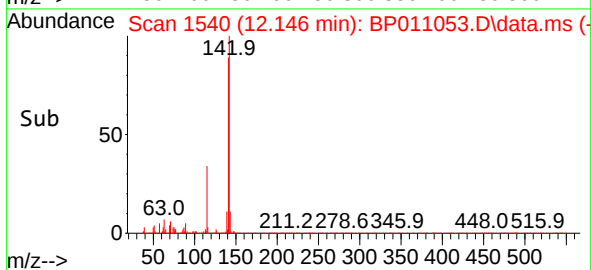
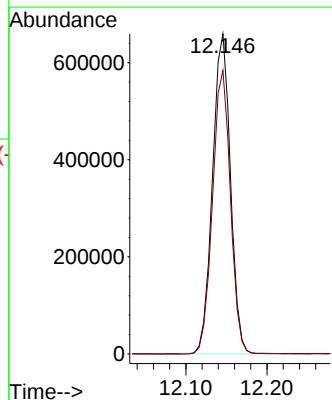
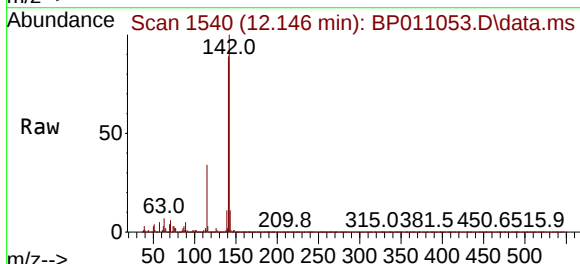
Instrument :
BNA_P
ClientSampleId :
SSTD020707

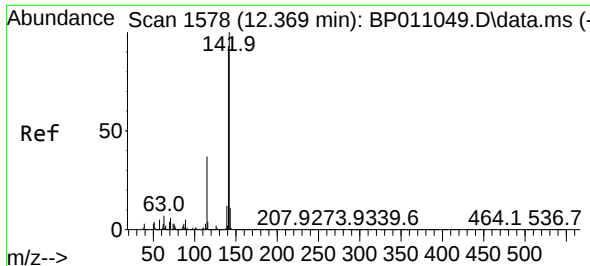
Tgt Ion:107 Resp: 454646
Ion Ratio Lower Upper
107 100
144 25.5 18.6 27.8
142 79.2 59.6 89.4



#36
2-Methylnaphthalene
Concen: 19.635 ng/ul
RT: 12.146 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:142 Resp: 1010065
Ion Ratio Lower Upper
142 100
141 88.6 70.1 105.1

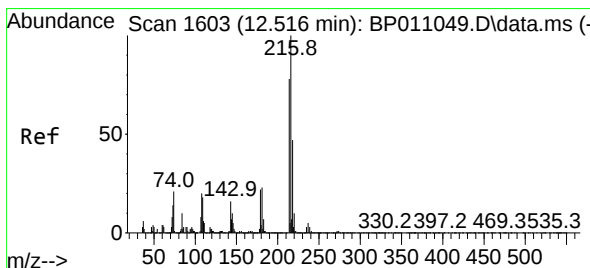
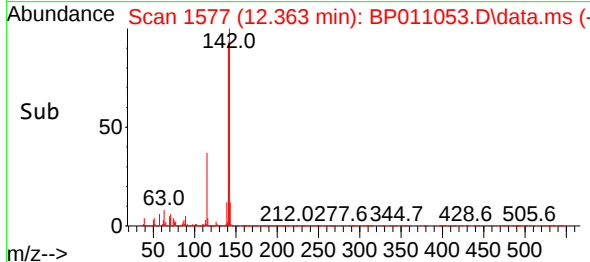
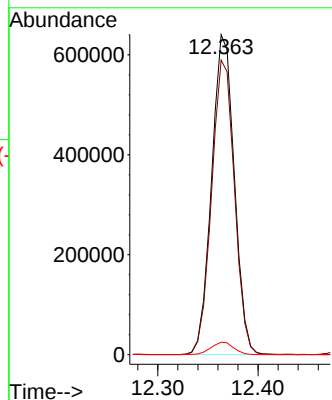
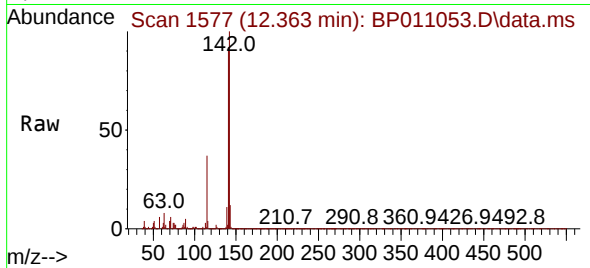




#37
1-Methylnaphthalene
Concen: 19.492 ng/ul
RT: 12.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

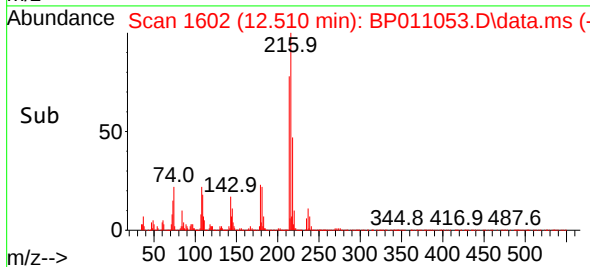
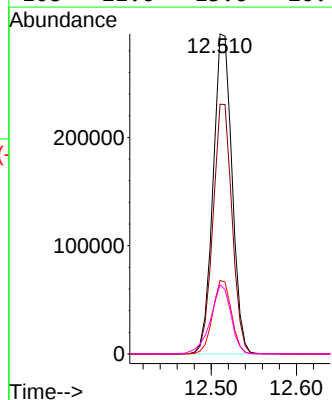
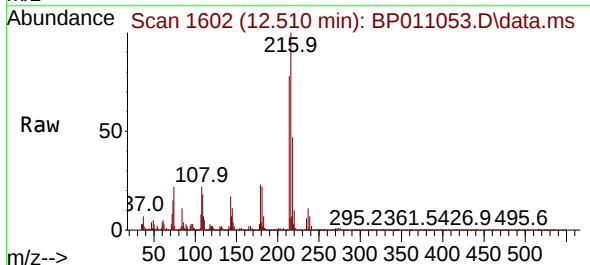
Instrument :
BNA_P
ClientSampleId :
SSTD020707

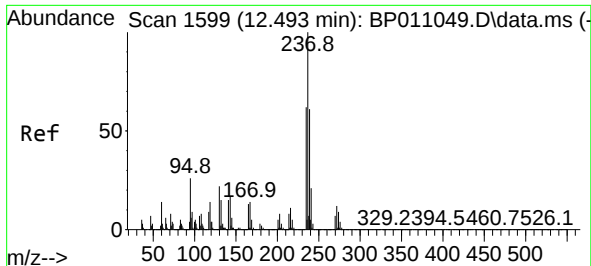
Tgt Ion:142 Resp: 1005055
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9
116 3.9 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.782 ng/ul
RT: 12.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:216 Resp: 455272
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.6
179 22.9 18.1 27.1
108 21.6 13.6 20.4#

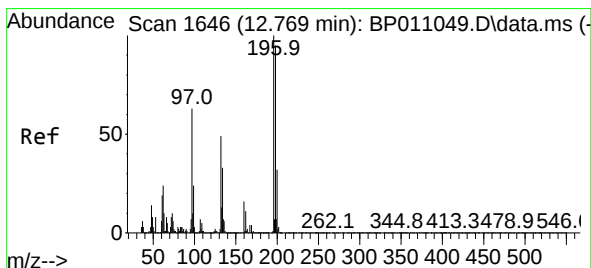
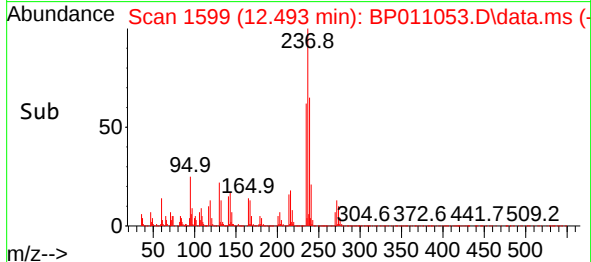
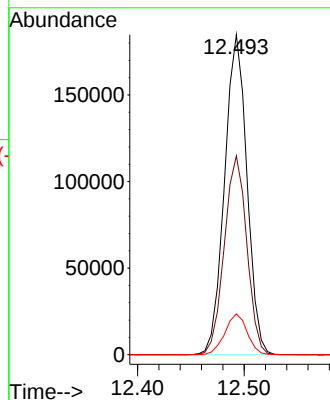
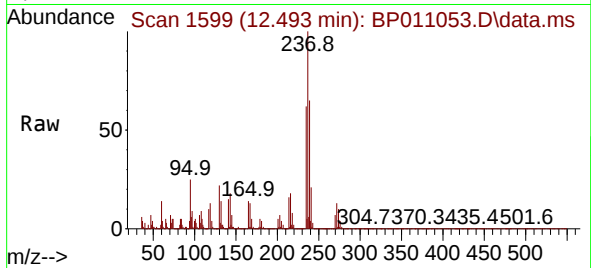




#40
Hexachlorocyclopentadiene
Concen: 18.879 ng/ul
RT: 12.493 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

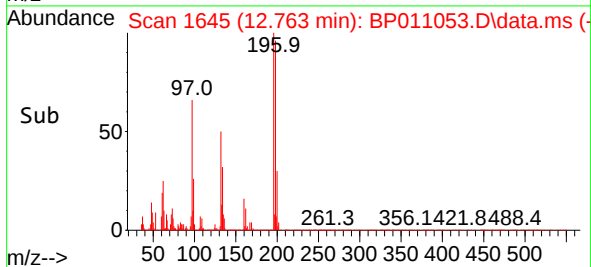
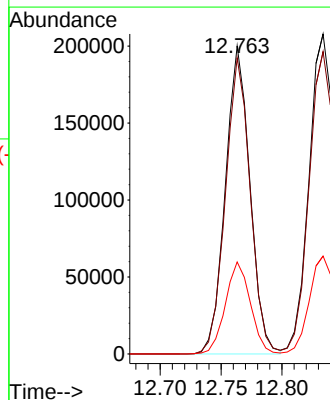
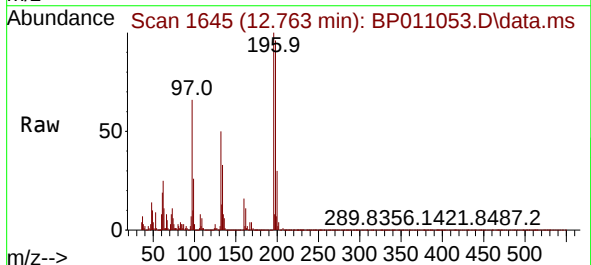
Instrument :
BNA_P
ClientSampleId :
SSTD020707

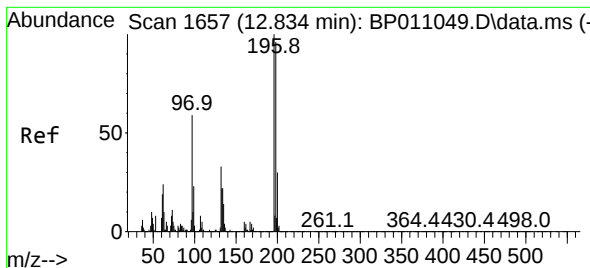
Tgt Ion:237 Resp: 269107
Ion Ratio Lower Upper
237 100
235 62.1 52.8 79.2
272 12.8 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 18.597 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:196 Resp: 281860
Ion Ratio Lower Upper
196 100
198 96.2 78.2 117.4
200 29.9 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 19.191 ng/ul

RT: 12.834 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

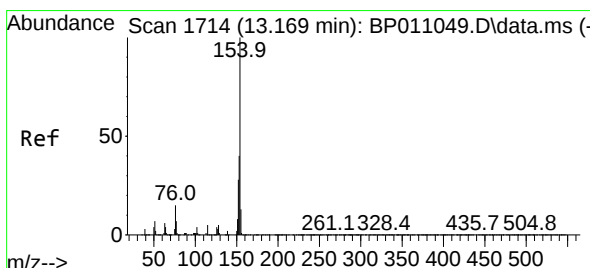
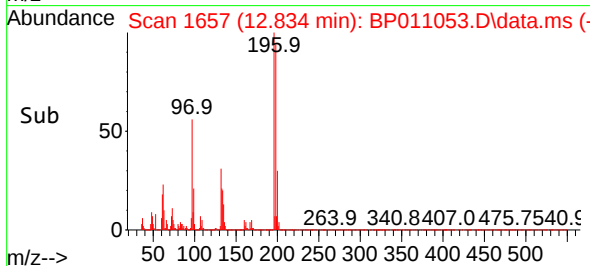
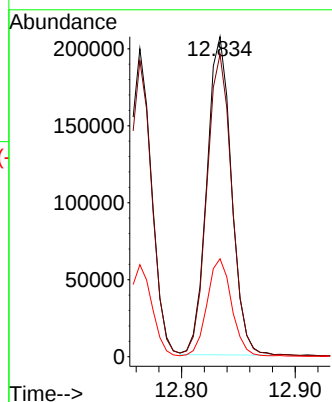
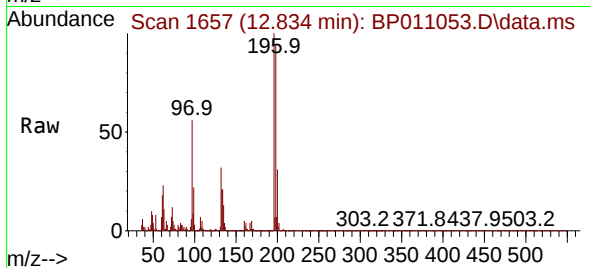
Tgt Ion:196 Resp: 310843

Ion Ratio Lower Upper

196 100

198 94.5 77.0 115.4

200 30.6 24.8 37.2



#43

1,1'-Biphenyl

Concen: 19.664 ng/ul

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

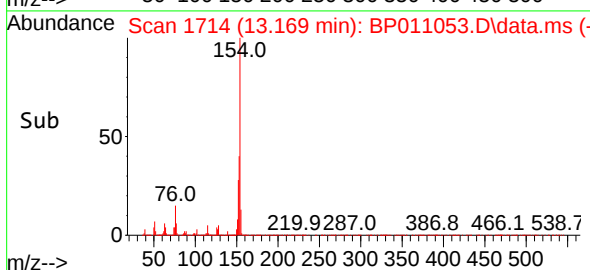
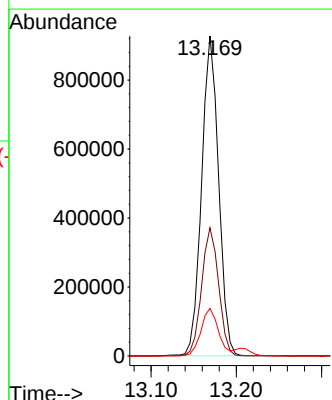
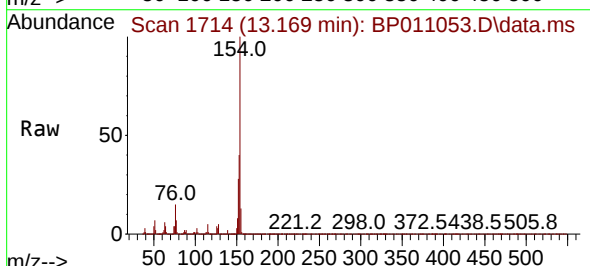
Tgt Ion:154 Resp: 1280327

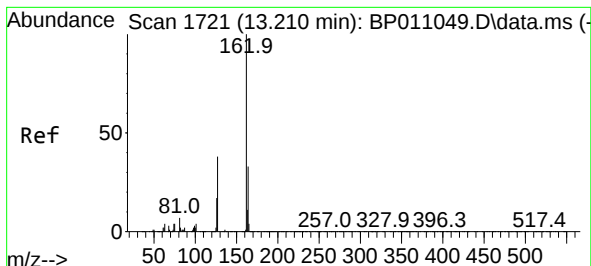
Ion Ratio Lower Upper

154 100

153 40.1 31.9 47.9

76 14.8 9.2 13.8#





#44

2-Chloronaphthalene

Concen: 19.985 ng/ul

RT: 13.204 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

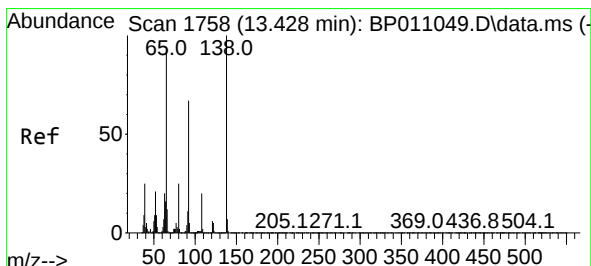
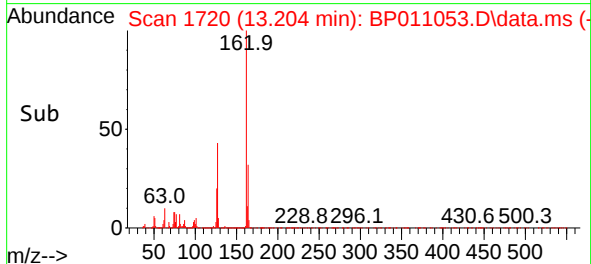
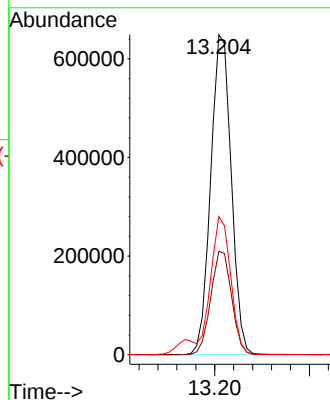
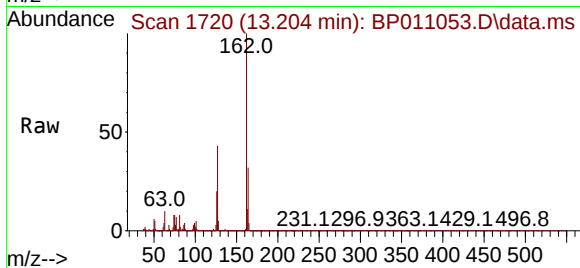
Tgt Ion:162 Resp: 977346

Ion Ratio Lower Upper

162 100

164 32.3 25.5 38.3

127 43.1 31.9 47.9



#45

2-Nitroaniline

Concen: 19.405 ng/ul

RT: 13.422 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

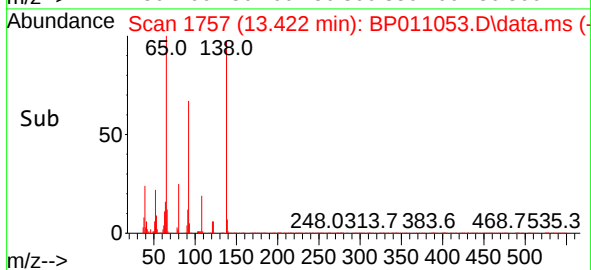
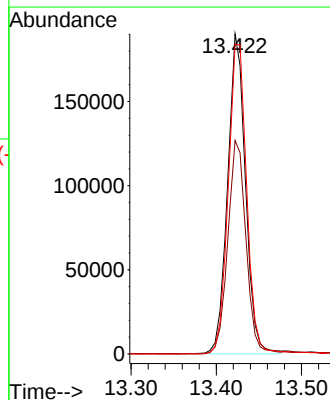
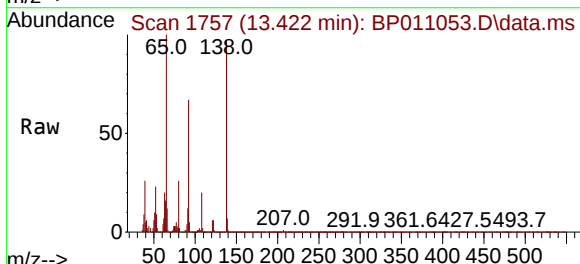
Tgt Ion: 65 Resp: 276484

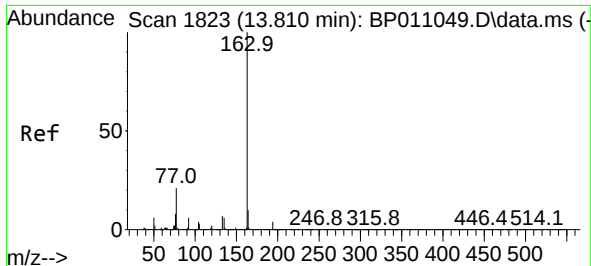
Ion Ratio Lower Upper

65 100

92 66.7 49.0 73.6

138 96.8 66.4 99.6

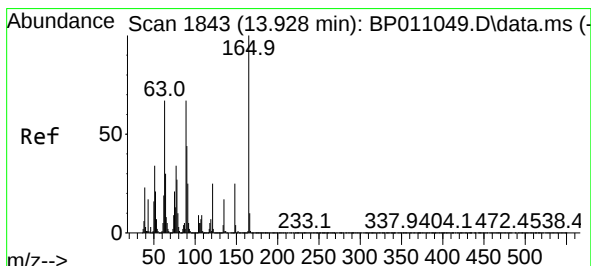
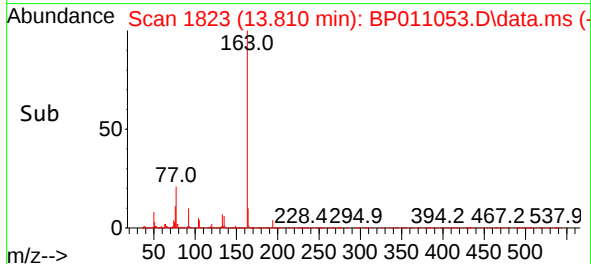
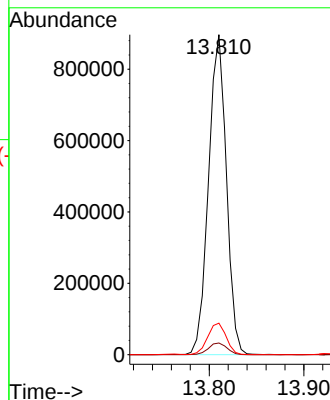
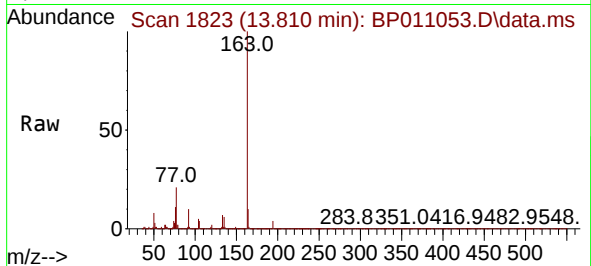




#47
Dimethylphthalate
Concen: 19.479 ng/ul
RT: 13.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

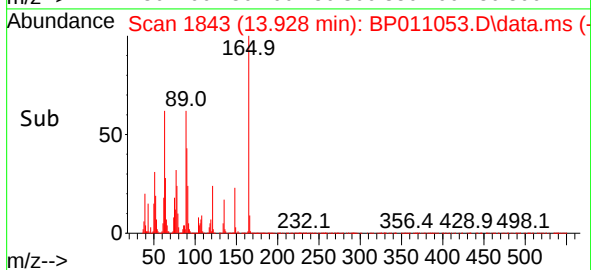
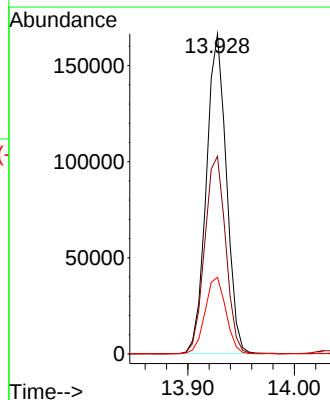
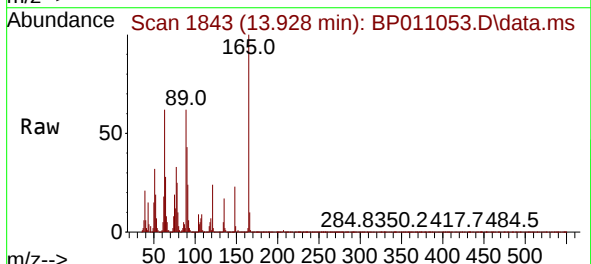
Instrument :
BNA_P
ClientSampleId :
SSTD020707

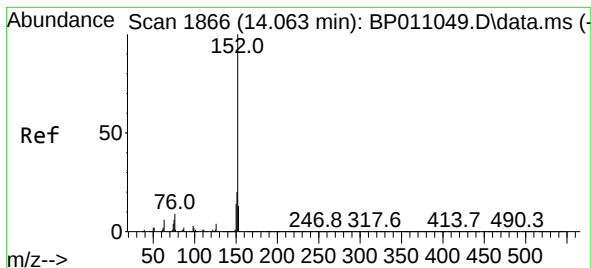
Tgt Ion:163 Resp: 1172202
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 9.9 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 19.968 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:165 Resp: 217553
Ion Ratio Lower Upper
165 100
89 61.8 52.9 79.3
121 23.9 19.4 29.2





#50

Acenaphthylene

Concen: 20.180 ng/ul

RT: 14.057 min Scan# 1865

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

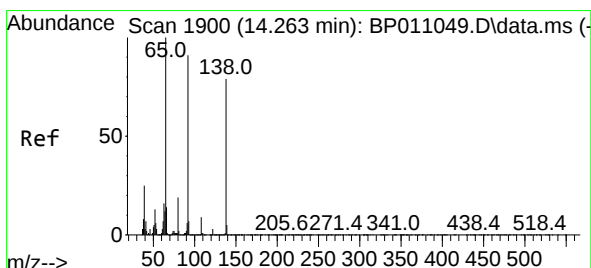
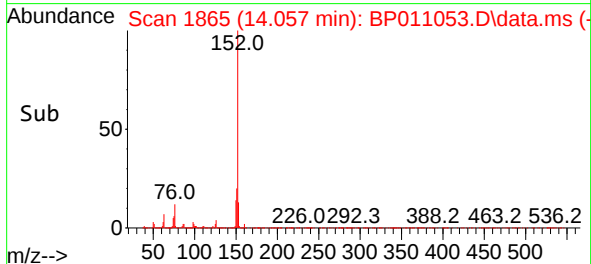
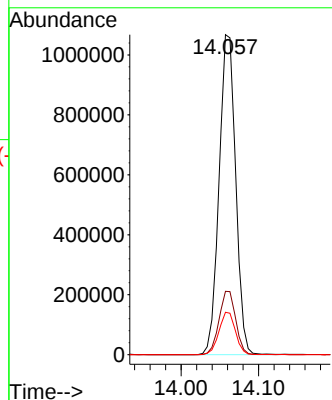
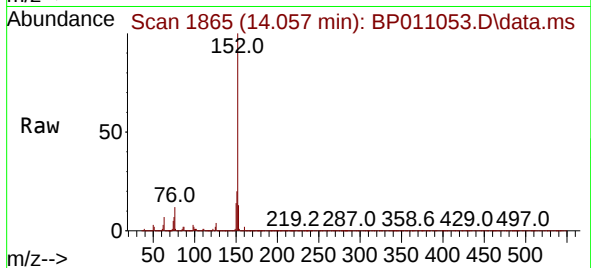
Tgt Ion:152 Resp: 1593408

Ion Ratio Lower Upper

152 100

151 19.8 16.5 24.7

153 13.2 10.1 15.1



#51

3-Nitroaniline

Concen: 14.543 ng/ul

RT: 14.257 min Scan# 1899

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

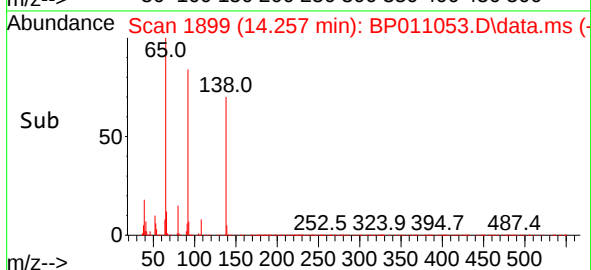
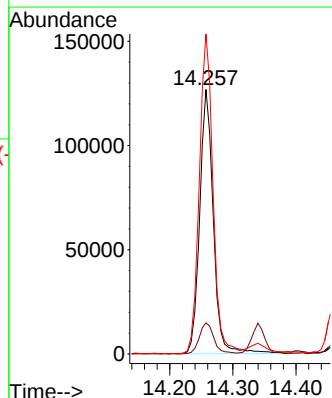
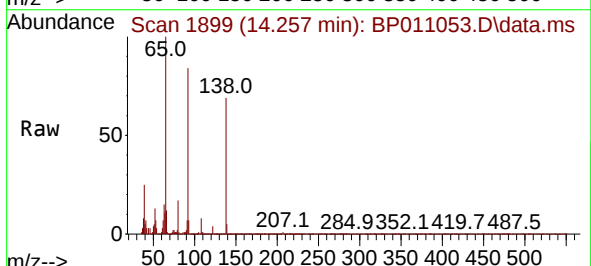
Tgt Ion:138 Resp: 190367

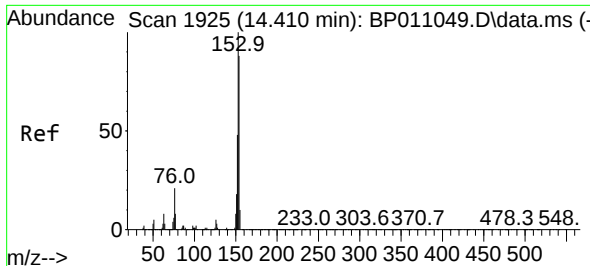
Ion Ratio Lower Upper

138 100

108 11.8 11.0 16.4

92 121.0 104.6 156.8

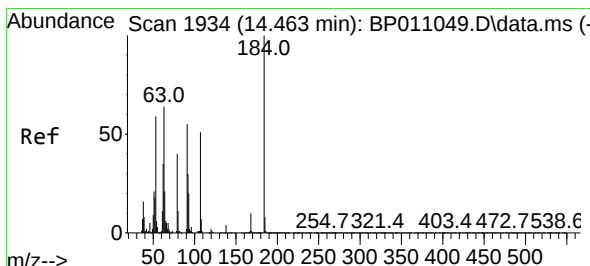
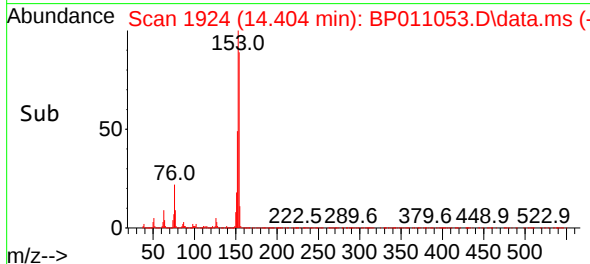
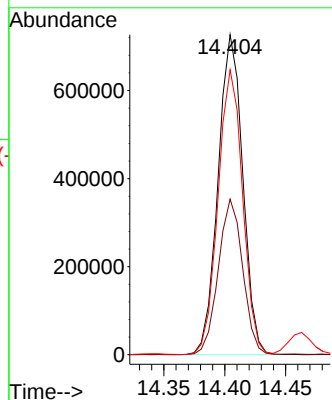
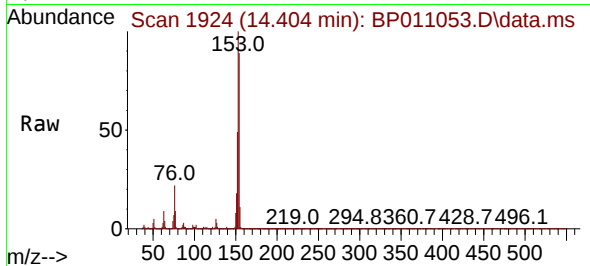




#52
Acenaphthene
Concen: 19.602 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

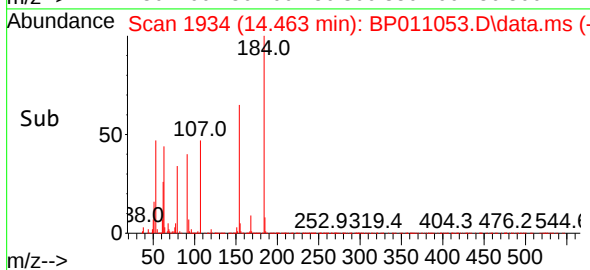
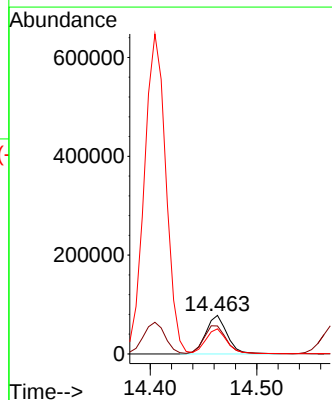
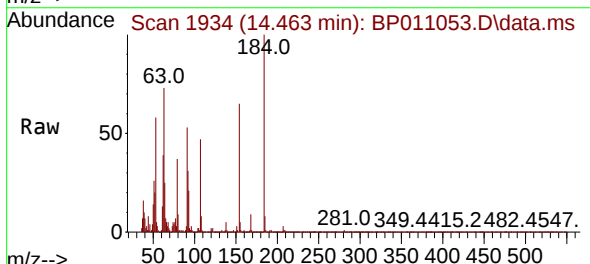
Instrument :
BNA_P
ClientSampleId :
SSTD020707

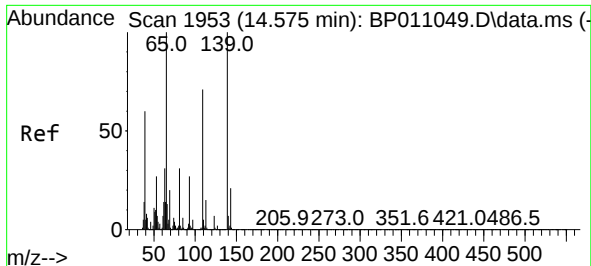
Tgt Ion:153 Resp: 1025334
Ion Ratio Lower Upper
153 100
152 48.6 36.2 54.2
154 89.1 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 16.948 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:184 Resp: 108030
Ion Ratio Lower Upper
184 100
63 72.5 73.8 110.6#
154 65.1 57.2 85.8

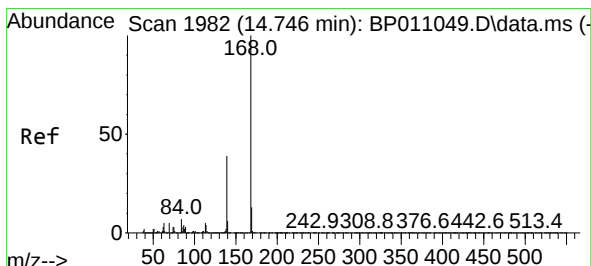
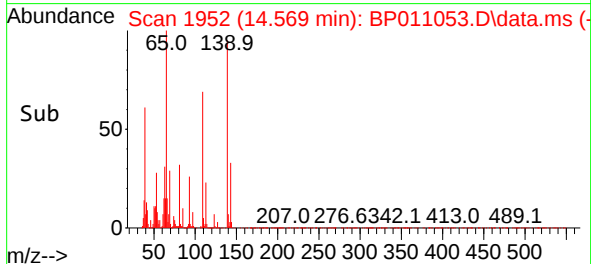
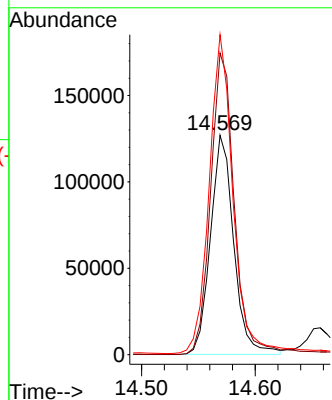
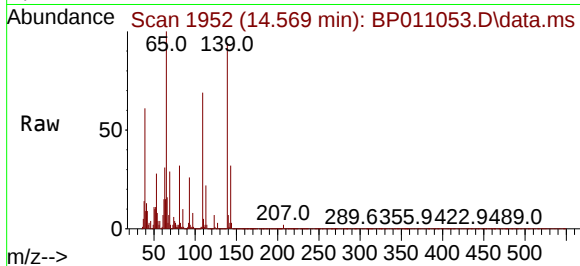




#55
4-Nitrophenol
Concen: 19.555 ng/ul
RT: 14.569 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

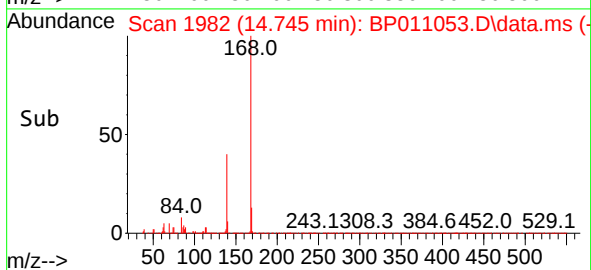
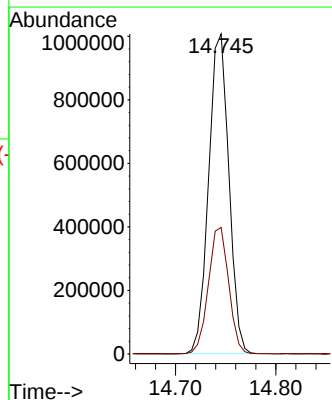
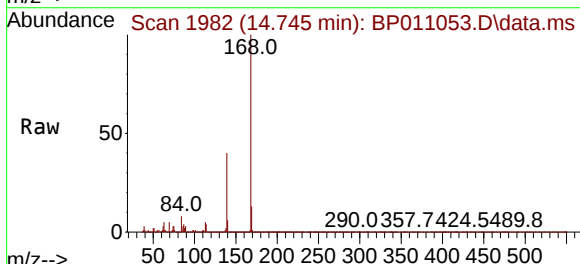
Instrument :
BNA_P
ClientSampleId :
SSTD020707

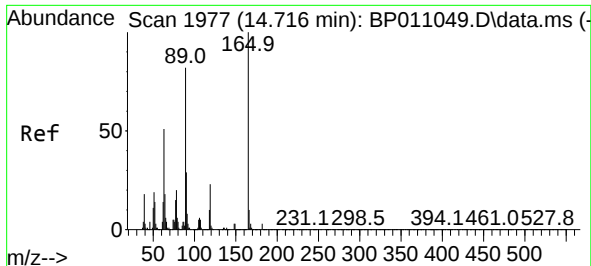
Tgt Ion:109 Resp: 180716
Ion Ratio Lower Upper
109 100
139 137.6 75.6 113.4#
65 145.9 107.6 161.4



#56
Dibenzofuran
Concen: 19.621 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:168 Resp: 1416155
Ion Ratio Lower Upper
168 100
139 39.6 32.8 49.2

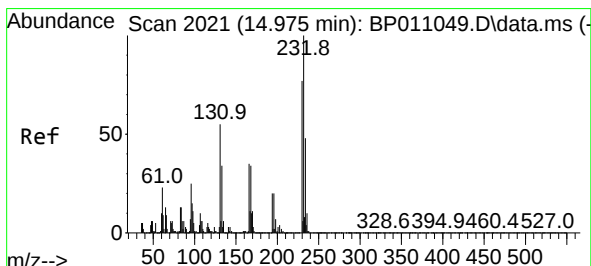
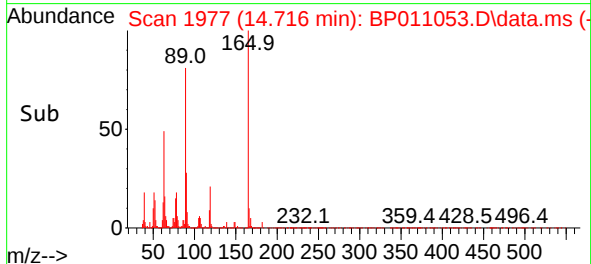
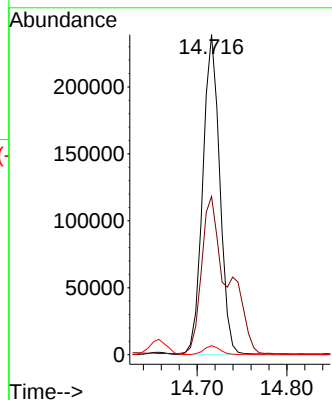
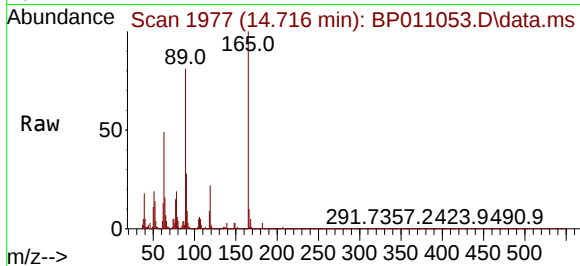




#57
2,4-Dinitrotoluene
Concen: 20.146 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

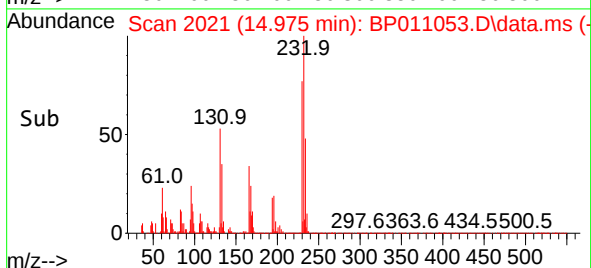
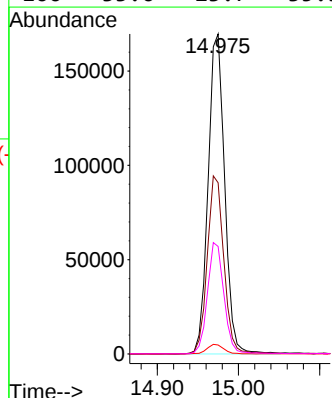
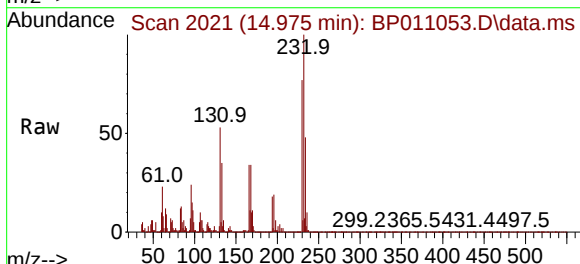
Instrument :
BNA_P
ClientSampleId :
SSTD020707

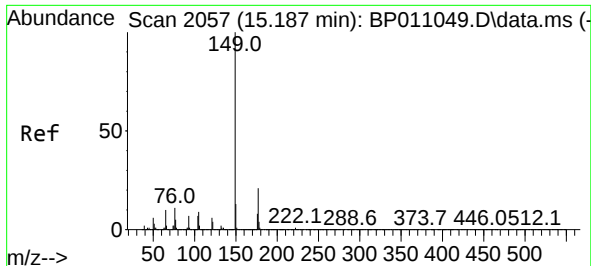
Tgt Ion:165 Resp: 313090
Ion Ratio Lower Upper
165 100
63 49.5 47.0 70.6
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.905 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:232 Resp: 239804
Ion Ratio Lower Upper
232 100
131 53.5 35.8 53.8
130 2.8 1.8 2.8#
166 33.6 23.7 35.5

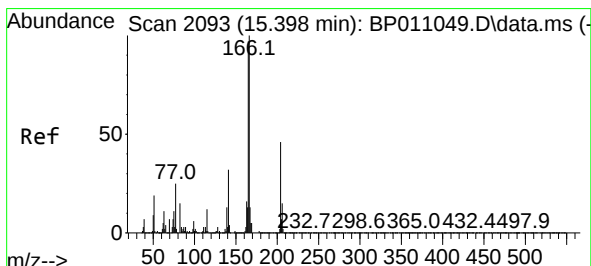
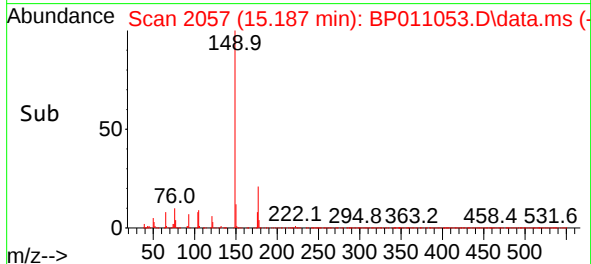
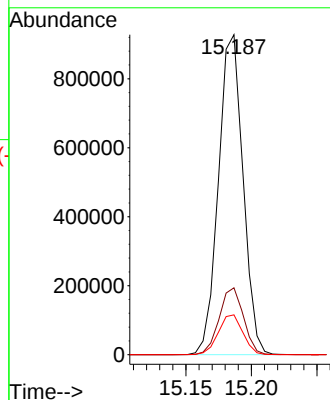
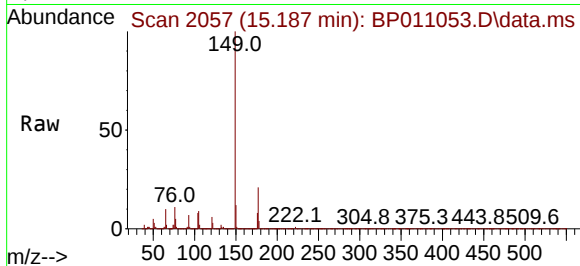




#59
Diethylphthalate
Concen: 19.550 ng/ul
RT: 15.187 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

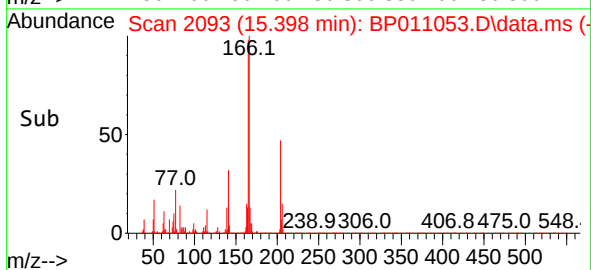
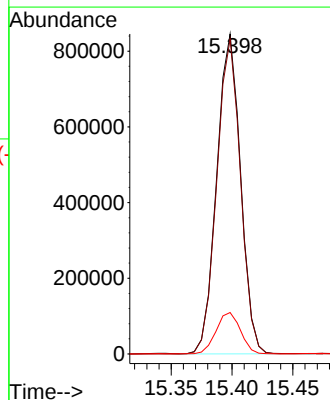
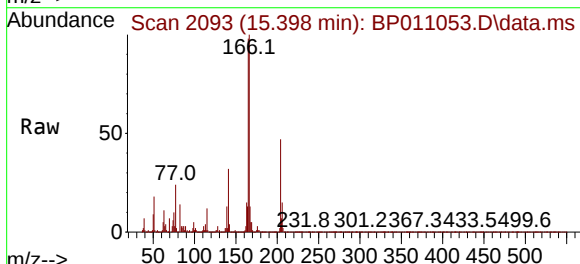
Instrument :
BNA_P
ClientSampleId :
SSTD020707

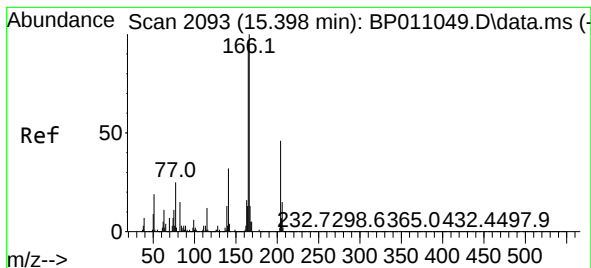
Tgt Ion:149 Resp: 1208210
Ion Ratio Lower Upper
149 100
177 20.9 17.6 26.4
150 12.5 10.3 15.5



#61
Fluorene
Concen: 19.912 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:166 Resp: 1153348
Ion Ratio Lower Upper
166 100
165 98.4 77.4 116.2
167 13.0 10.8 16.2

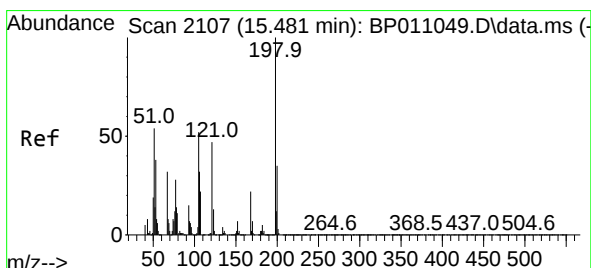
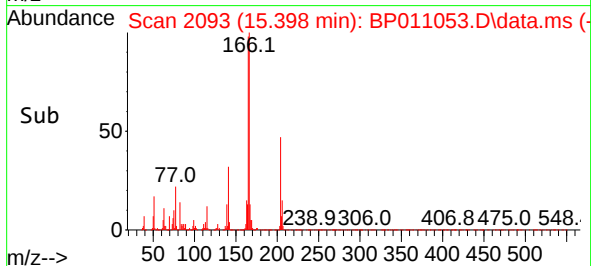
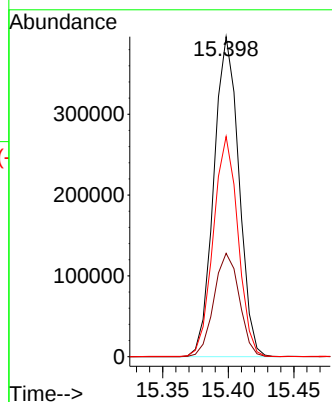
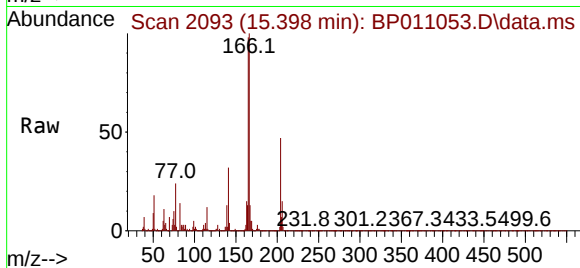




#62
4-Chlorophenyl-phenylether
Concen: 19.736 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

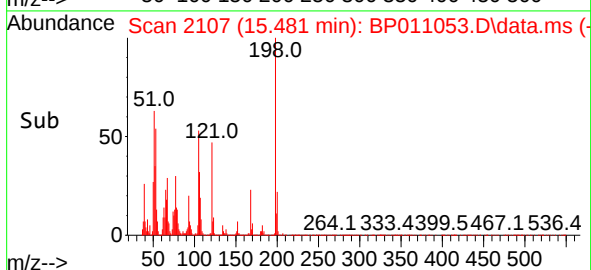
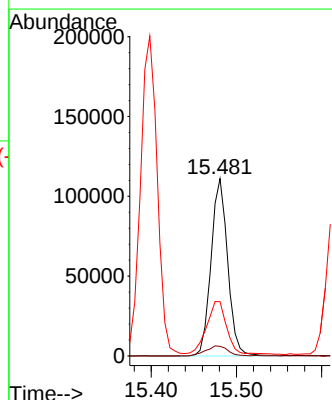
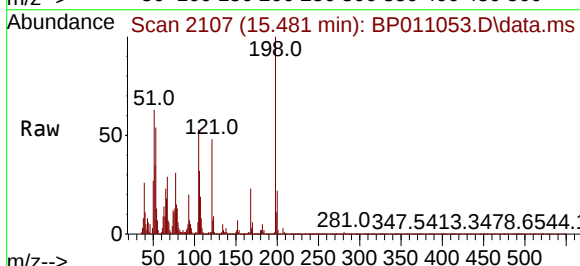
Instrument :
BNA_P
ClientSampleId :
SSTD020707

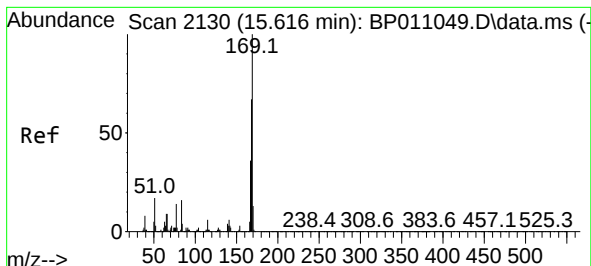
Tgt Ion:204 Resp: 526277
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 68.8 49.3 73.9



#66
4,6-Dinitro-2-methylphenol
Concen: 16.995 ng/ul
RT: 15.481 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:198 Resp: 150548
Ion Ratio Lower Upper
198 100
182 5.4 4.3 6.5
77 30.7 23.7 35.5





#67

N-Nitrosodiphenylamine

Concen: 19.488 ng/ul

RT: 15.616 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

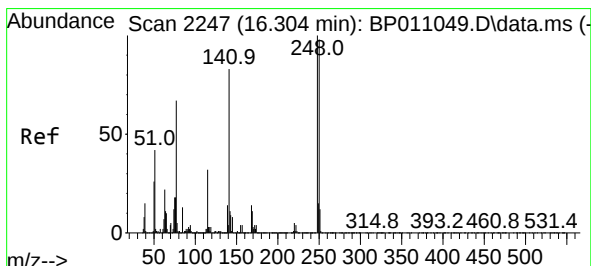
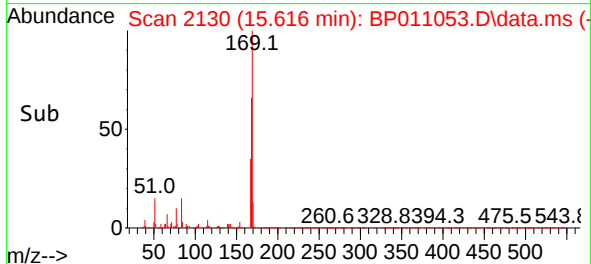
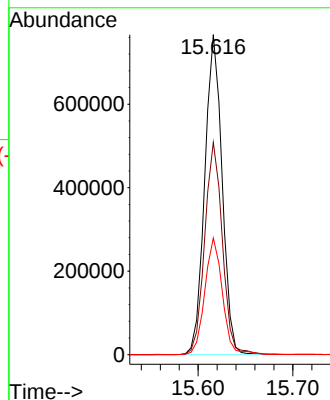
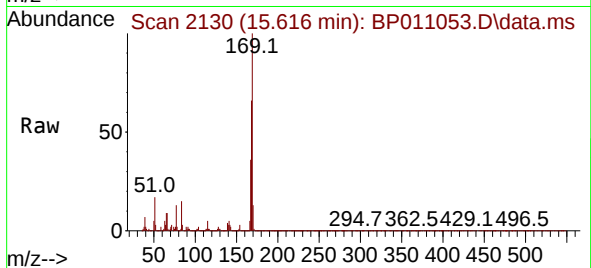
Tgt Ion:169 Resp: 971443

Ion Ratio Lower Upper

169 100

168 66.4 52.6 78.8

167 36.5 27.8 41.6



#68

4-Bromophenyl-phenylether

Concen: 19.387 ng/ul

RT: 16.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

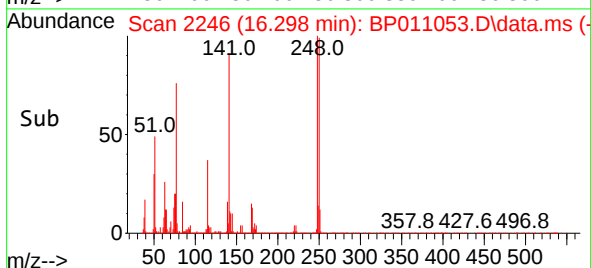
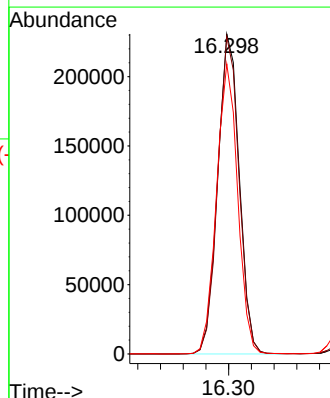
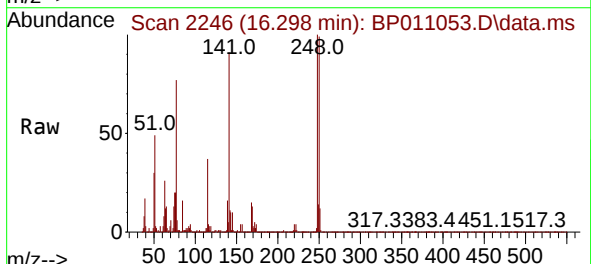
Tgt Ion:248 Resp: 305113

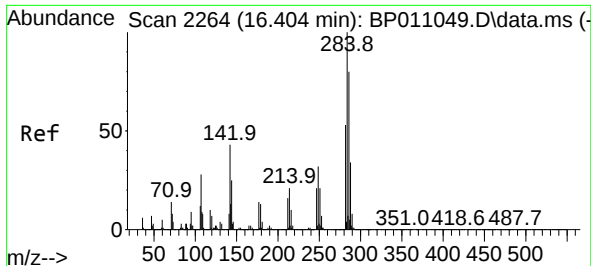
Ion Ratio Lower Upper

248 100

250 99.1 80.8 121.2

141 90.7 63.9 95.9

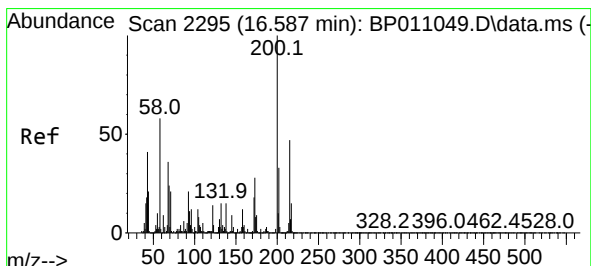
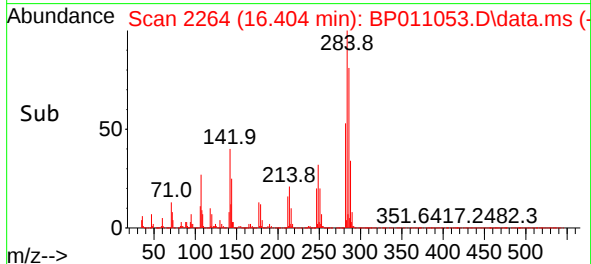
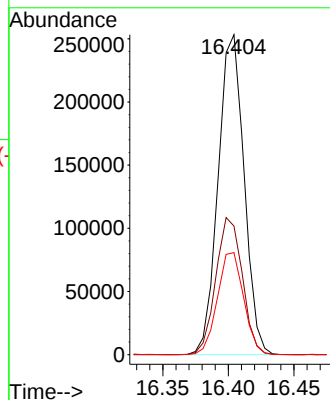
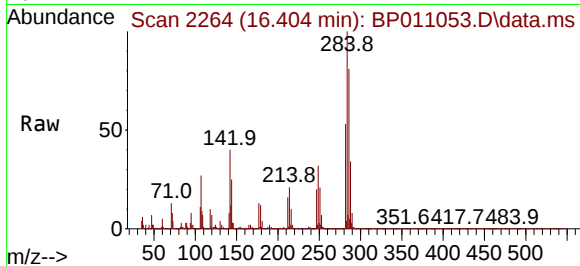




#69
Hexachlorobenzene
Concen: 19.087 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

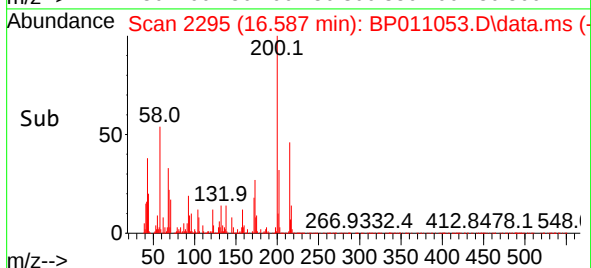
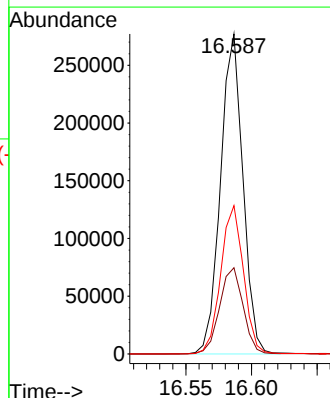
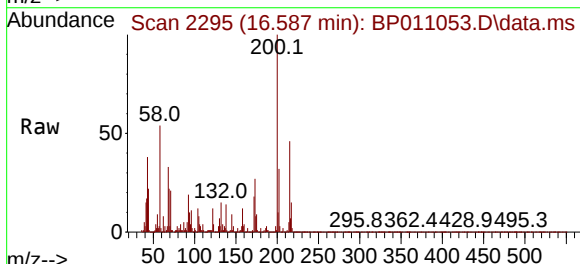
Instrument :
BNA_P
ClientSampleId :
SSTD020707

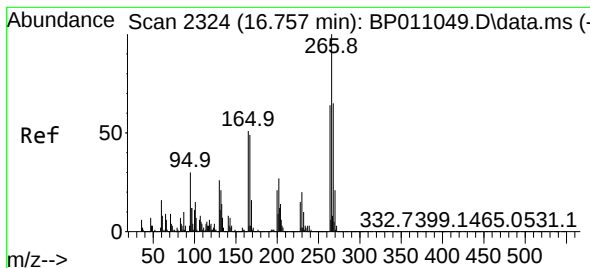
Tgt Ion:284 Resp: 348639
Ion Ratio Lower Upper
284 100
142 40.2 27.8 41.6
249 31.9 25.4 38.2



#70
Atrazine
Concen: 19.078 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:200 Resp: 328982
Ion Ratio Lower Upper
200 100
173 26.9 20.7 31.1
215 46.4 38.6 57.8

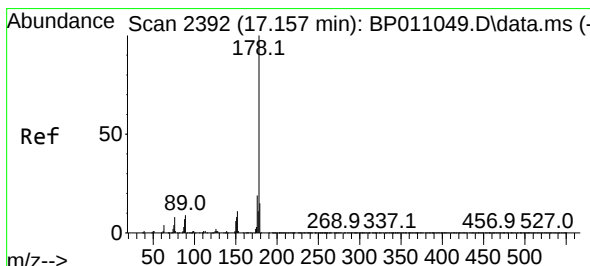
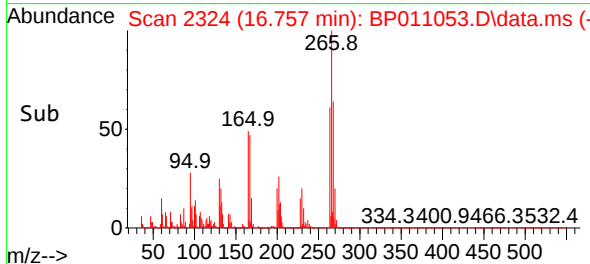
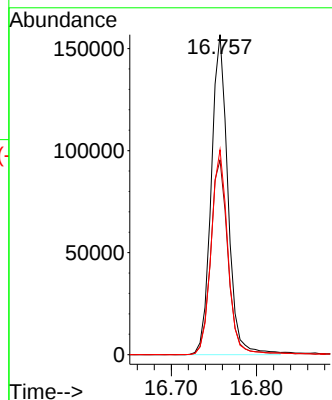
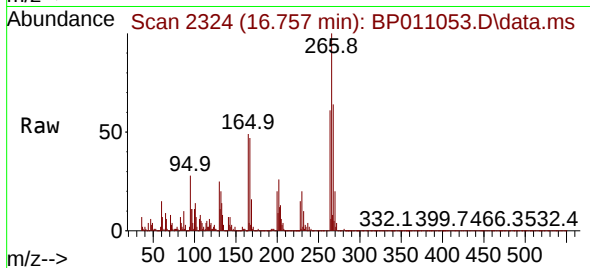




#71
Pentachlorophenol
Concen: 18.909 ng/ul
RT: 16.757 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

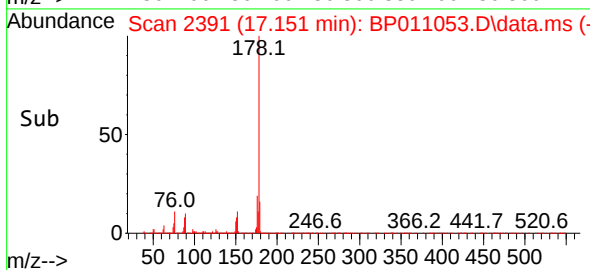
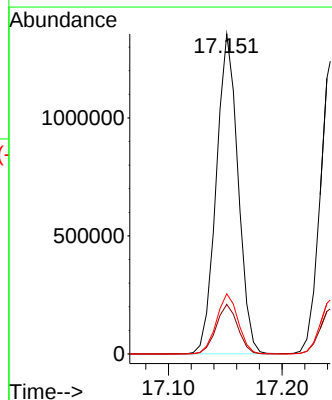
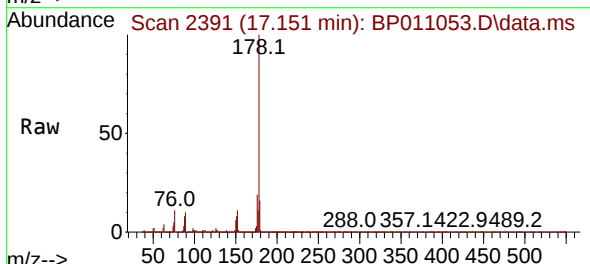
Instrument :
BNA_P
ClientSampleId :
SSTD020707

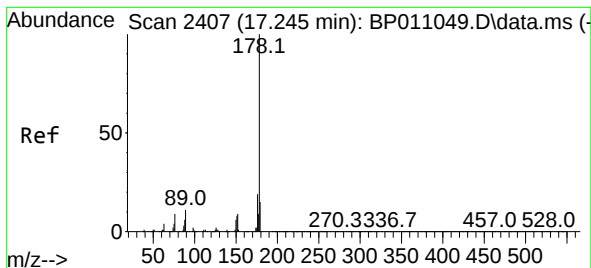
Tgt Ion:266 Resp: 212720
Ion Ratio Lower Upper
266 100
264 60.8 51.4 77.2
268 64.0 53.5 80.3



#72
Phenanthrene
Concen: 19.839 ng/ul
RT: 17.151 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:178 Resp: 1803657
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.8 14.6 22.0





#74

Anthracene

Concen: 20.108 ng/uI

RT: 17.245 min Scan# 2407

Delta R.T. 0.006 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

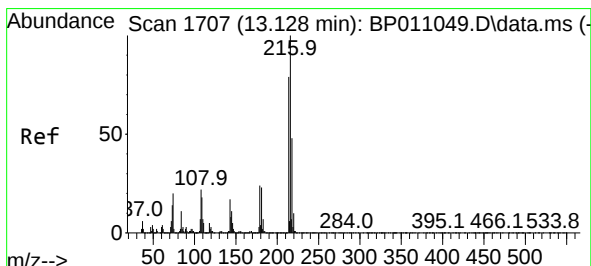
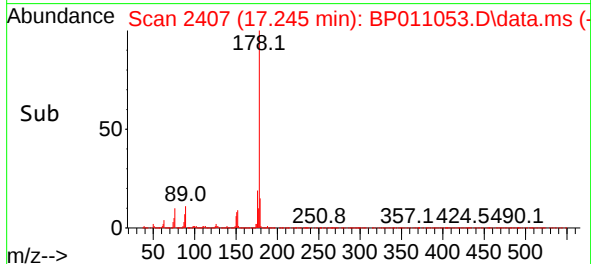
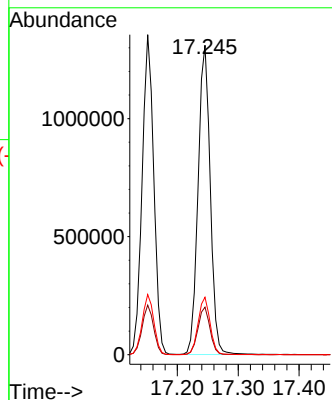
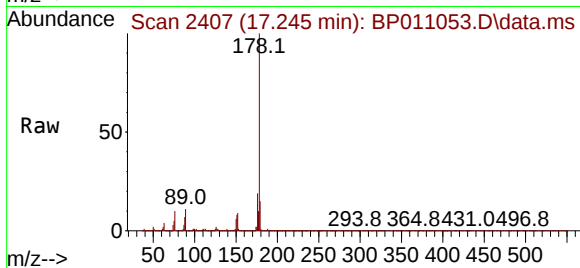
Tgt Ion:178 Resp: 1818444

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.6 14.5 21.7



#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.698 ng/uI

RT: 13.128 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

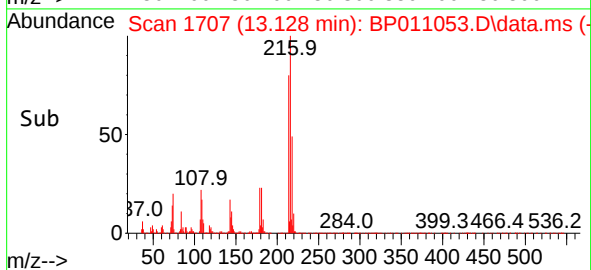
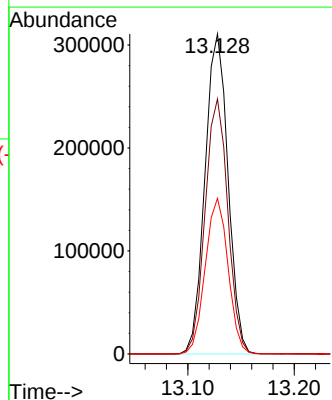
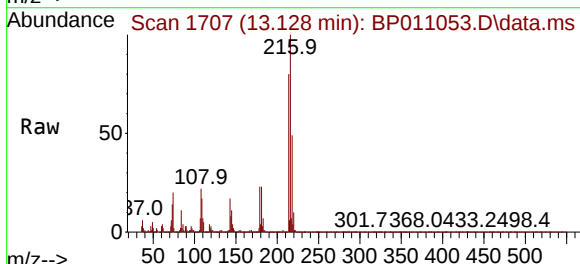
Tgt Ion:216 Resp: 467098

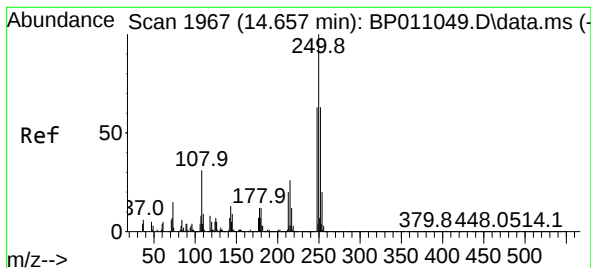
Ion Ratio Lower Upper

216 100

214 79.7 65.0 97.4

218 48.7 39.1 58.7





#76

Pentachlorobenzene

Concen: 19.373 ng/uL

RT: 14.657 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

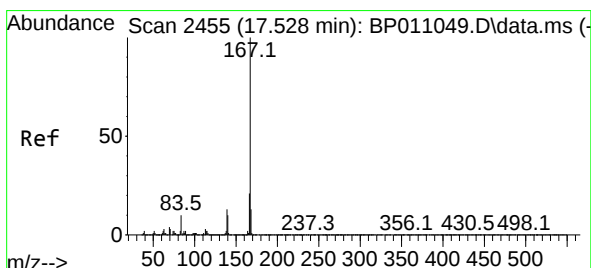
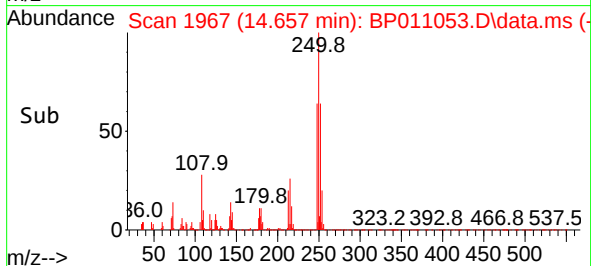
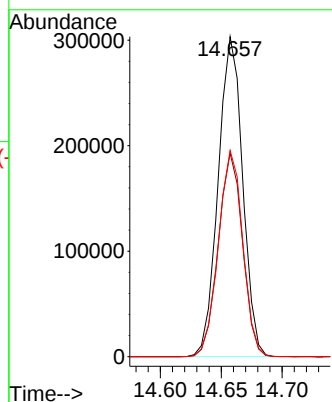
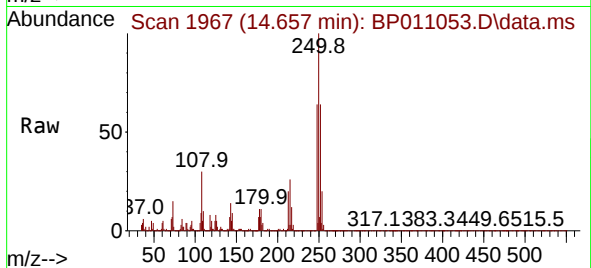
Tgt Ion:250 Resp: 424238

Ion Ratio Lower Upper

250 100

248 63.6 49.8 74.6

252 64.5 51.2 76.8



#77

Carbazole

Concen: 19.892 ng/uL

RT: 17.522 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

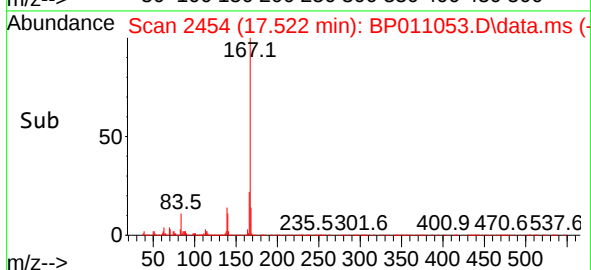
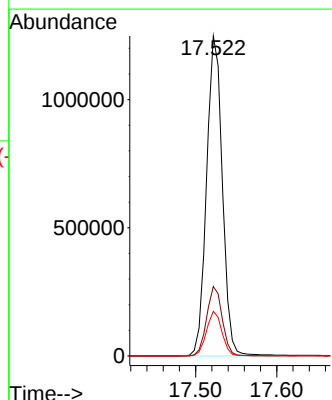
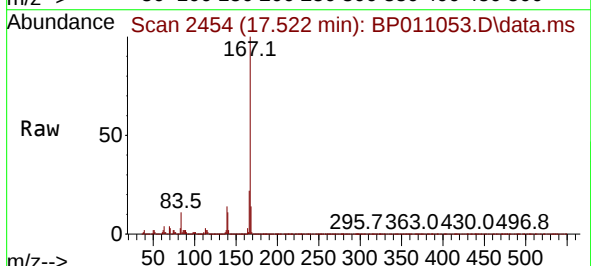
Tgt Ion:167 Resp: 1683689

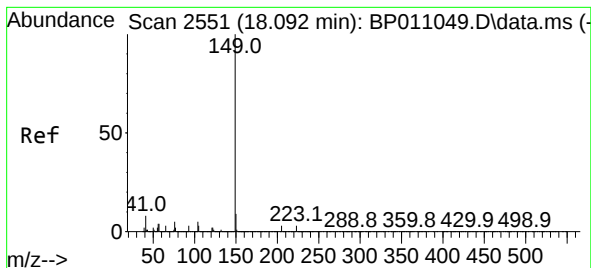
Ion Ratio Lower Upper

167 100

166 21.7 16.9 25.3

139 13.9 10.6 16.0





#78

Di-n-butylphthalate

Concen: 19.520 ng/ul

RT: 18.092 min Scan# 2551

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

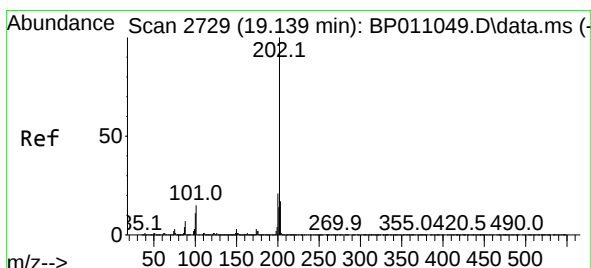
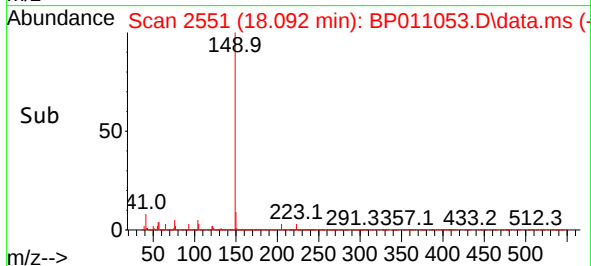
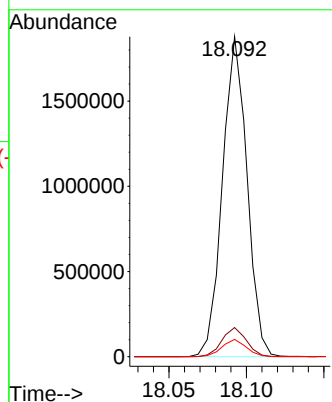
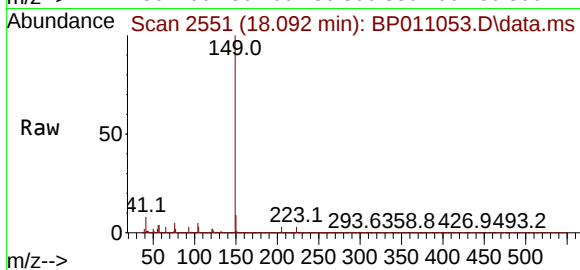
Tgt Ion:149 Resp: 2065262

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

104 5.4 4.6 6.8



#80

Fluoranthene

Concen: 19.720 ng/ul

RT: 19.139 min Scan# 2729

Delta R.T. 0.006 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

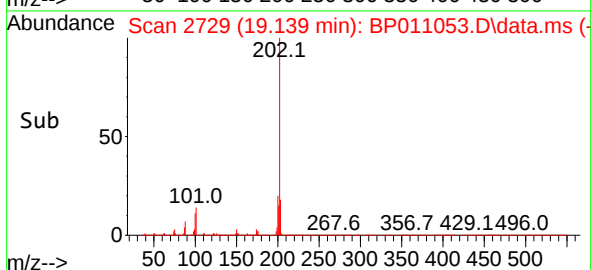
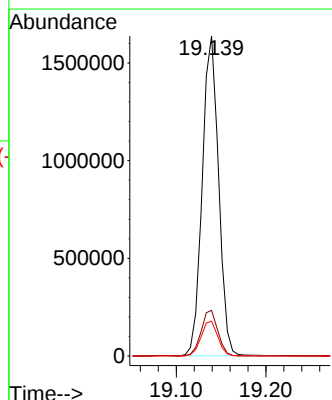
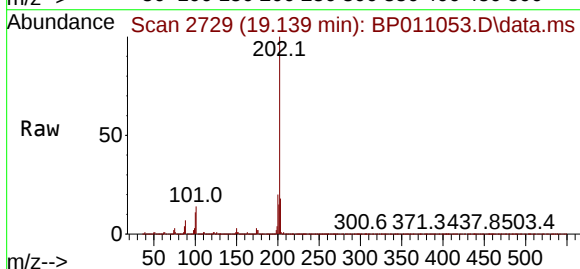
Tgt Ion:202 Resp: 2072636

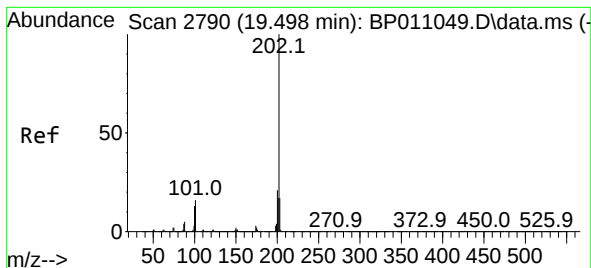
Ion Ratio Lower Upper

202 100

101 14.3 7.1 10.7#

100 10.9 5.7 8.5#





#82

Pyrene

Concen: 19.732 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

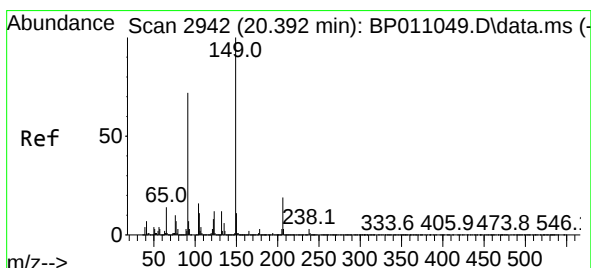
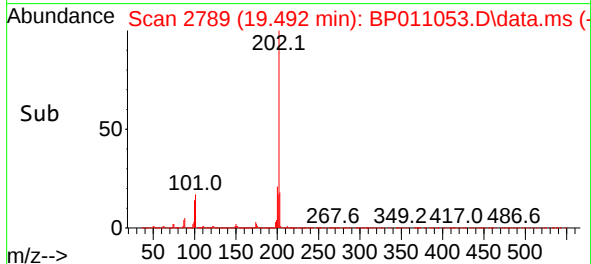
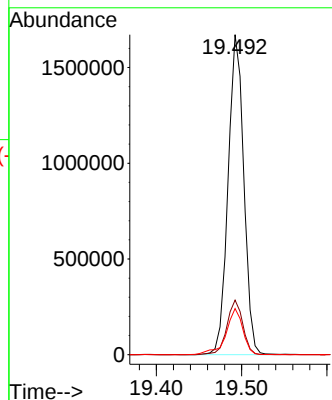
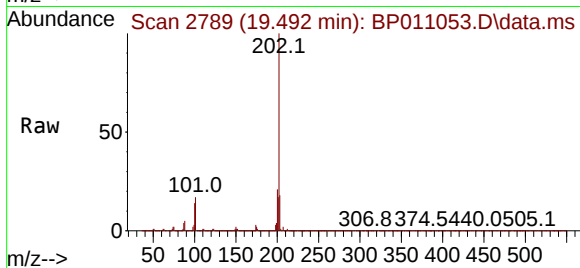
Tgt Ion:202 Resp: 2139763

Ion Ratio Lower Upper

202 100

101 17.1 7.9 11.9#

100 14.4 6.7 10.1#



#83

Butylbenzylphthalate

Concen: 19.281 ng/ul

RT: 20.392 min Scan# 2942

Delta R.T. 0.006 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

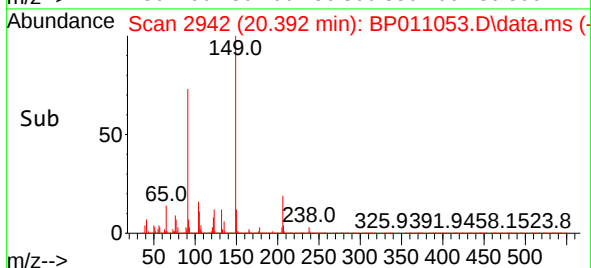
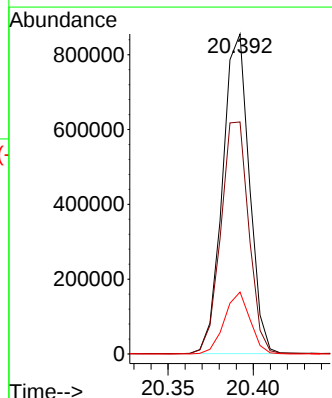
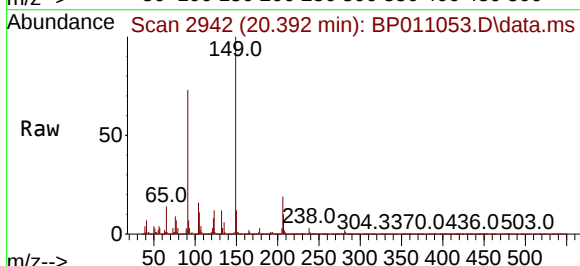
Tgt Ion:149 Resp: 932721

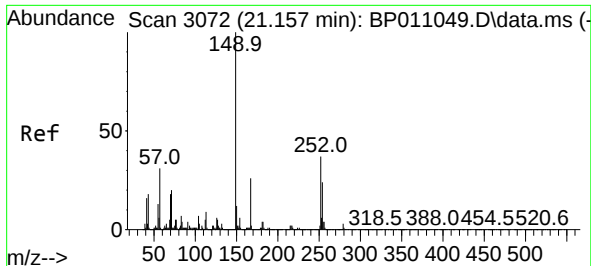
Ion Ratio Lower Upper

149 100

91 72.5 60.0 90.0

206 19.3 17.4 26.2

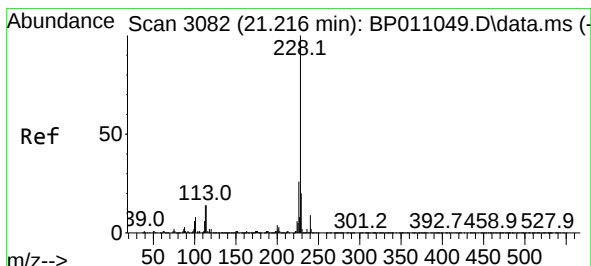
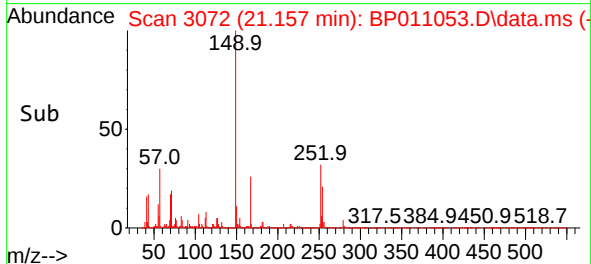
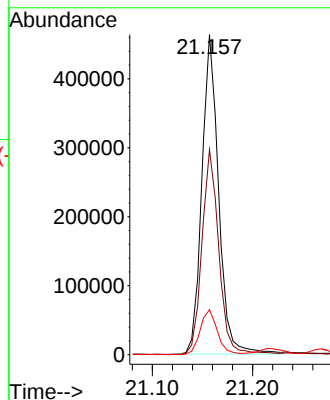
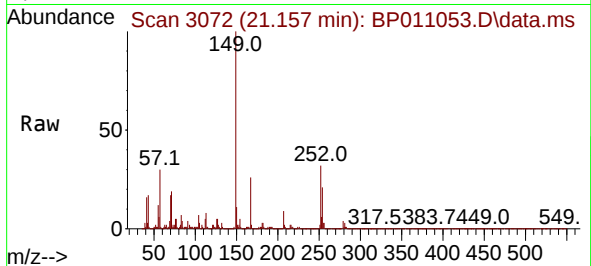




#84
3,3'-Dichlorobenzidine
Concen: 17.790 ng/ul
RT: 21.157 min Scan# 3072
Delta R.T. 0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

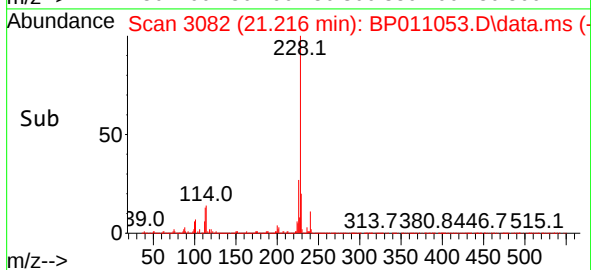
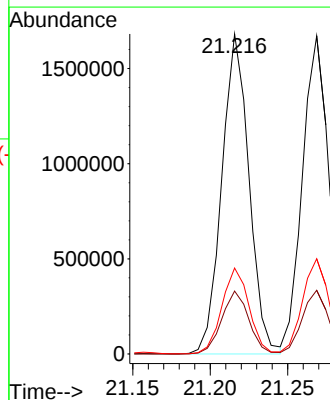
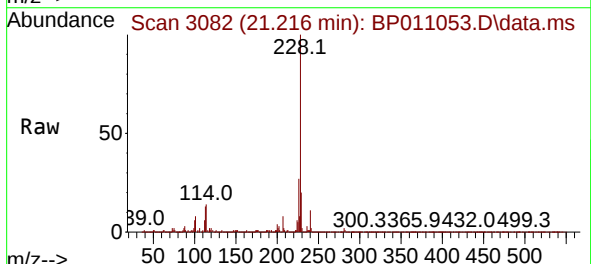
Instrument :
BNA_P
ClientSampleId :
SSTD020707

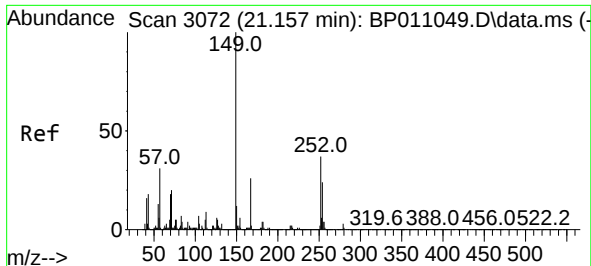
Tgt Ion:252 Resp: 538997
Ion Ratio Lower Upper
252 100
254 64.0 51.0 76.4
126 14.1 8.6 12.8#



#85
Benzo(a)anthracene
Concen: 19.724 ng/ul
RT: 21.216 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:228 Resp: 2055367
Ion Ratio Lower Upper
228 100
229 19.6 15.0 22.4
226 26.9 20.6 31.0

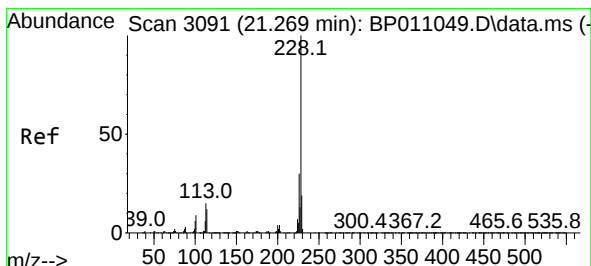
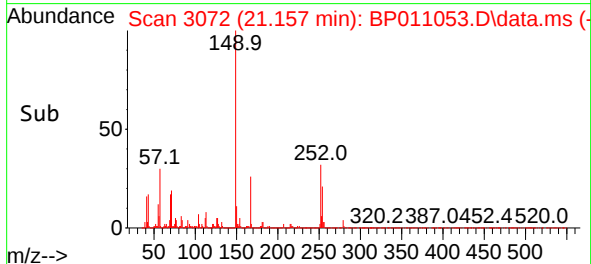
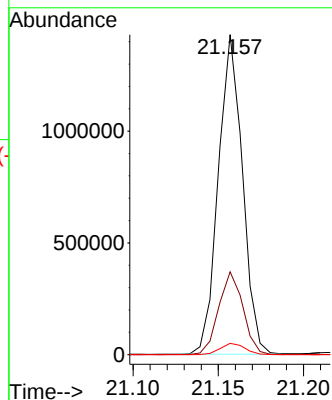
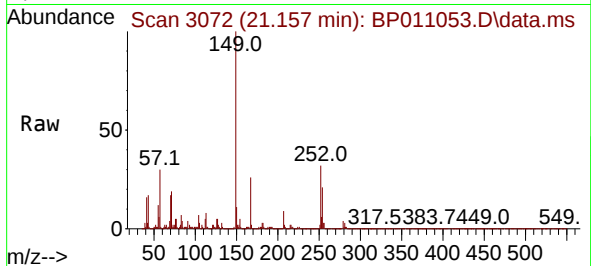




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 19.546 ng/ul
 RT: 21.157 min Scan# 3072
 Delta R.T. 0.000 min
 Lab File: BP011053.D
 Acq: 20 Jul 2022 13:16

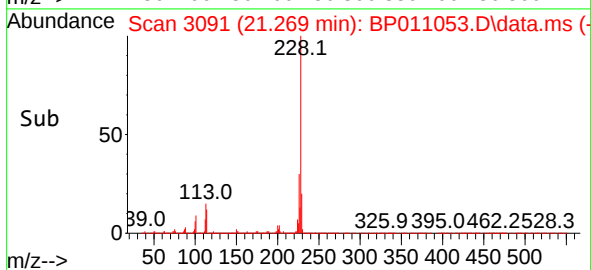
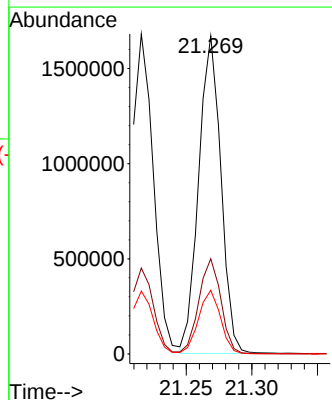
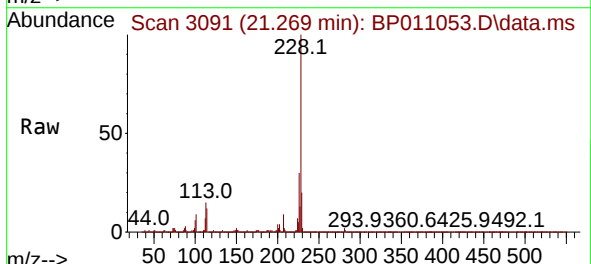
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020707

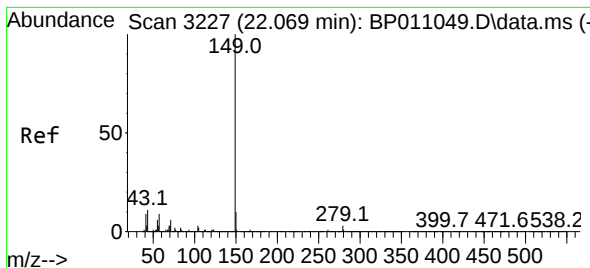
Tgt Ion:149 Resp: 1410808
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.6 33.8
 279 3.6 4.2 6.4#



#87
 Chrysene
 Concen: 19.263 ng/ul
 RT: 21.269 min Scan# 3091
 Delta R.T. 0.006 min
 Lab File: BP011053.D
 Acq: 20 Jul 2022 13:16

Tgt Ion:228 Resp: 1970985
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.6 35.4
 229 20.0 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 19.947 ng/ul

RT: 22.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

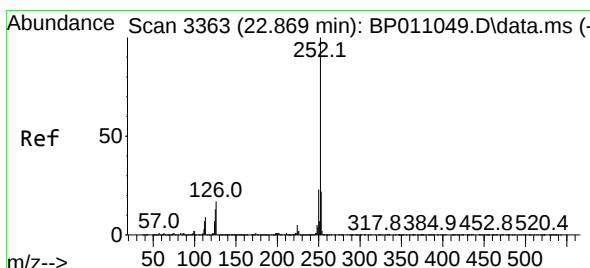
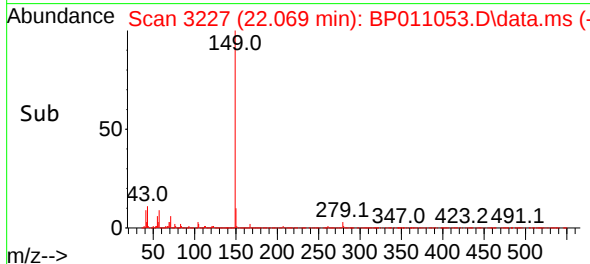
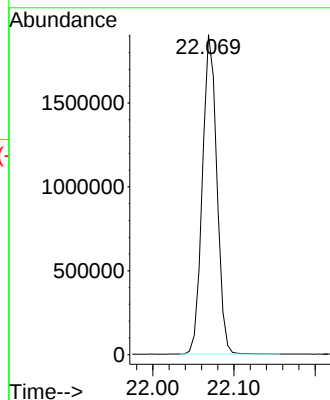
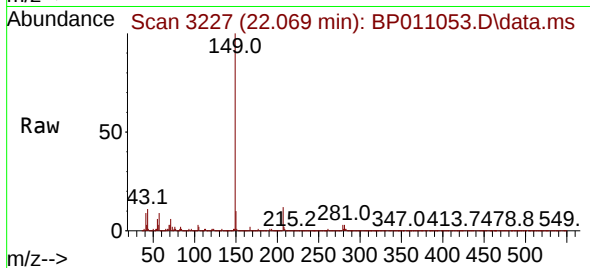
Instrument :

BNA_P

ClientSampleId :

SSTD020707

Tgt Ion:149 Resp: 2350482



#90

Benzo(b)fluoranthene

Concen: 19.777 ng/ul

RT: 22.869 min Scan# 3363

Delta R.T. 0.006 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

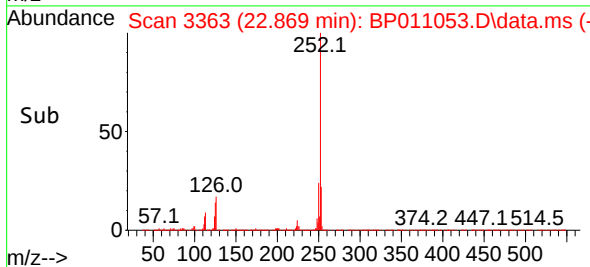
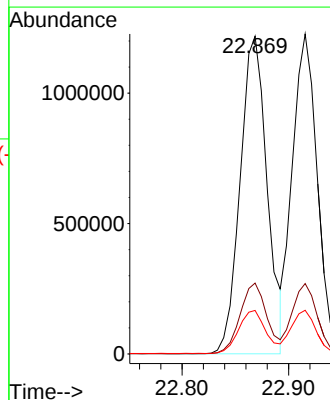
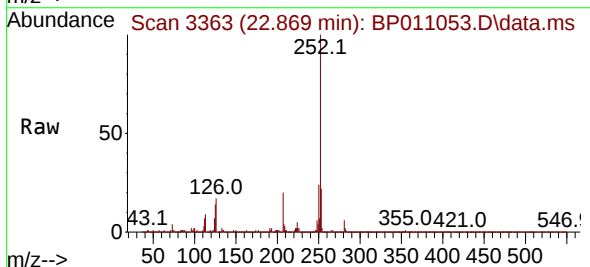
Tgt Ion:252 Resp: 2145576

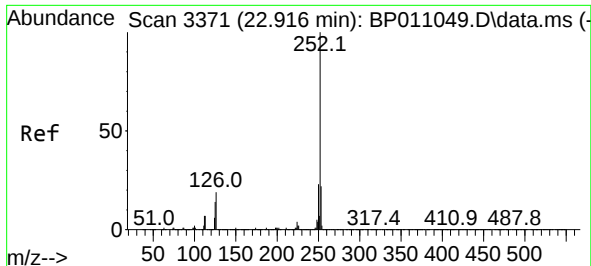
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 13.7 6.2 9.2#

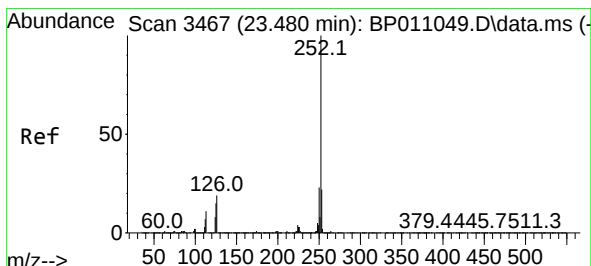
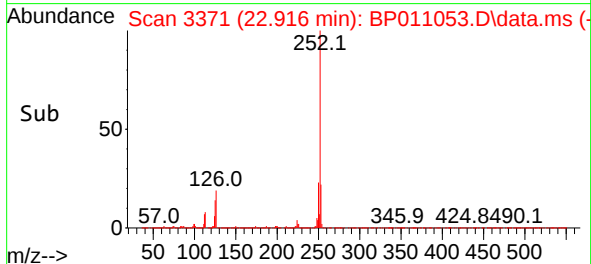
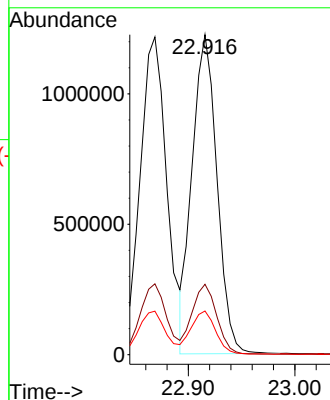
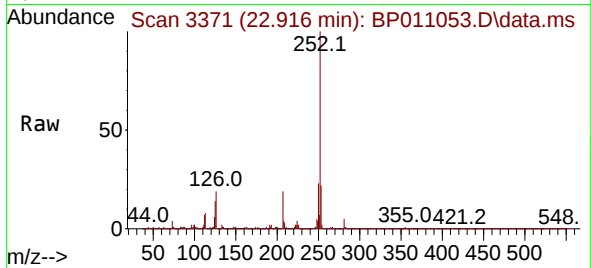




#91
Benzo(k)fluoranthene
Concen: 19.445 ng/ul
RT: 22.916 min Scan# 3371
Delta R.T. 0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

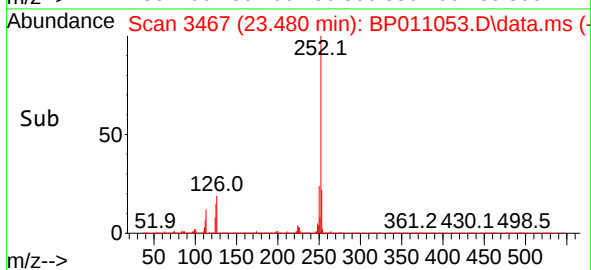
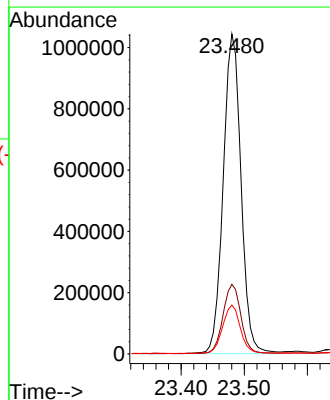
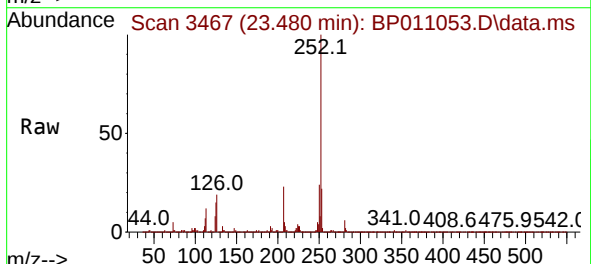
Instrument :
BNA_P
ClientSampleId :
SSTD020707

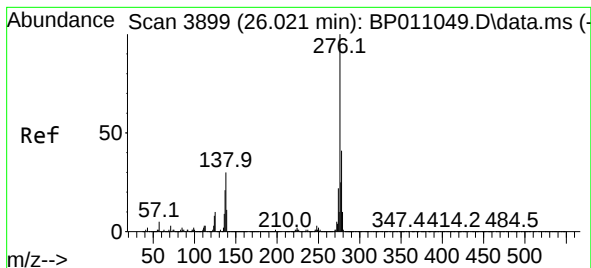
Tgt Ion:252 Resp: 1981464
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 13.7 6.2 9.4#



#93
Benzo(a)pyrene
Concen: 19.617 ng/ul
RT: 23.480 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BP011053.D
Acq: 20 Jul 2022 13:16

Tgt Ion:252 Resp: 2043812
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 15.3 6.6 10.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.455 ng/ul

RT: 26.021 min Scan# 3899

Delta R.T. 0.006 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

Instrument :

BNA_P

ClientSampleId :

SSTD020707

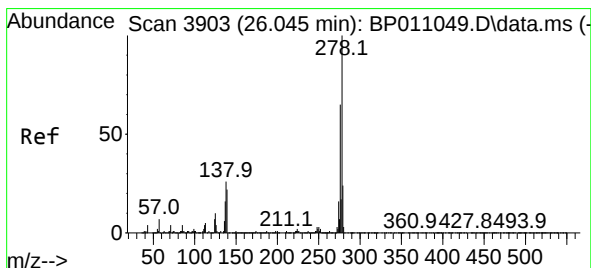
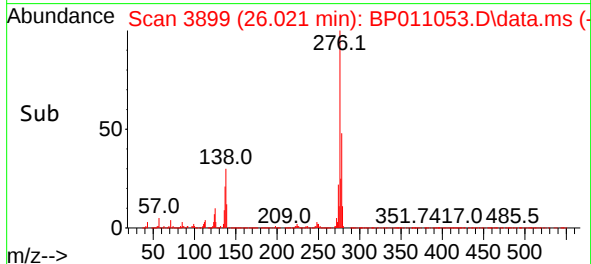
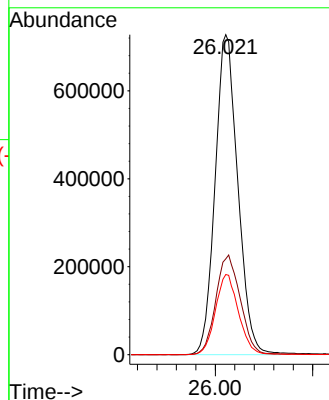
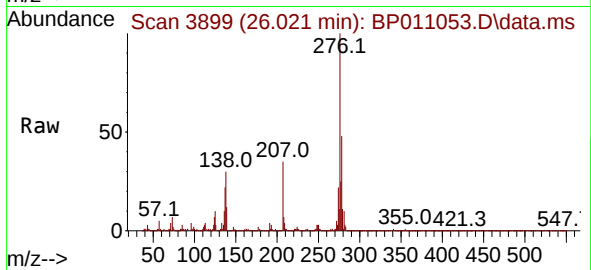
Tgt Ion:276 Resp: 2355563

Ion Ratio Lower Upper

276 100

138 30.0 14.6 22.0#

277 25.1 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 19.401 ng/ul

RT: 26.045 min Scan# 3903

Delta R.T. 0.006 min

Lab File: BP011053.D

Acq: 20 Jul 2022 13:16

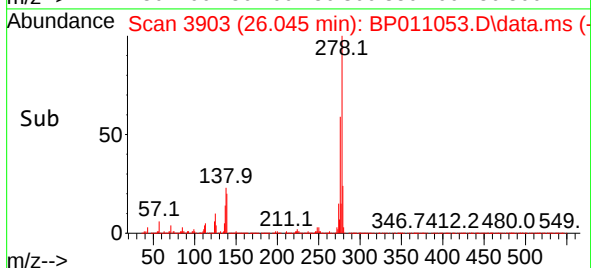
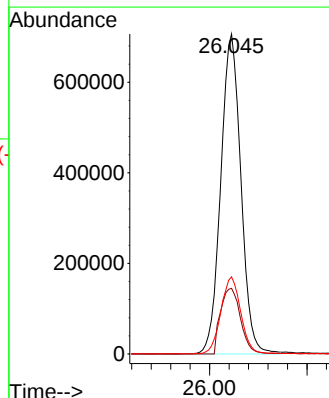
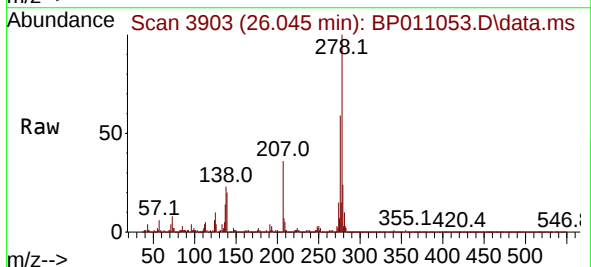
Tgt Ion:278 Resp: 2032642

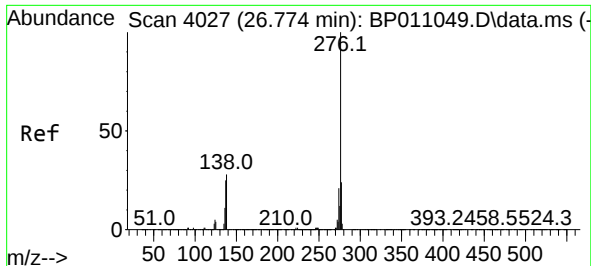
Ion Ratio Lower Upper

278 100

139 20.5 9.4 14.2#

279 24.1 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 19.540 ng/ul
 RT: 26.768 min Scan# 40
 Delta R.T. 0.006 min
 Lab File: BP011053.D
 Acq: 20 Jul 2022 13:16

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020707

Tgt Ion:276 Resp: 2015047
 Ion Ratio Lower Upper
 276 100
 138 28.0 12.7 19.1#
 277 24.3 18.2 27.4

