

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
 Data File : BP011267.D
 Acq On : 04 Aug 2022 16:39
 Operator : CG/JU
 Sample : N3956-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXF03MSD

Quant Time: Aug 04 22:54:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	215113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1042529	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	636868	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	1250393	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	1218957	20.000	ng/u1	0.00
88) Perylene-d12	23.498	264	1211234	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	6195	2.329	ng/uL	0.00
4) Pyridine-d5	3.505	84	42221	5.883	ng/u1	0.00
7) Phenol-d5	6.787	99	132037	7.365	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	340047	26.288	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	299321	20.485	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	242869	16.465	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	201242	26.837	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	166445	23.680	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	355868	26.550	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	434455	20.951	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1281065	29.369	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1511389	27.540	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	38443	5.183	ng/u1	0.02
60) Fluorene-d10	15.281	176	1087970	29.313	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	169085	29.122	ng/u1	0.00
73) Anthracene-d10	17.151	188	1705451	31.034	ng/u1	0.00
81) Pyrene-d10	19.410	212	1902853	30.875	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.345	264	1901681	31.507	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	15210	6.199	ng/uL#	1
5) Pyridine	3.528	79	52540	7.230	ng/u1	94
6) Benzaldehyde	6.752	77	389429	44.438	ng/u1	97
8) Phenol	6.816	94	155110	8.069	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.040	93	479273	30.386	ng/u1	98
12) 2-Chlorophenol	7.169	128	371049	24.448	ng/u1#	1
13) 2-Methylphenol	8.063	108	324919	22.340	ng/u1	97
16) Acetophenone	8.434	105	830910	34.759	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.422	70	359497	30.906	ng/u1	98
18) 4-Methylphenol	8.393	108	315226	20.209	ng/u1	98
19) Hexachloroethane	8.669	117	211871	29.111	ng/u1	97
22) Nitrobenzene	8.810	77	631814	30.746	ng/u1	97
23) Isophorone	9.340	82	1090174	29.814	ng/u1	98
25) 2-Nitrophenol	9.516	139	230580	28.348	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	489579	26.605	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	678620	29.478	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	406194	28.998	ng/u1	99
30) Naphthalene	10.446	128	1668531	30.317	ng/u1	99
32) 4-Chloroaniline	10.569	127	515291	24.535	ng/u1	99
33) Hexachlorobutadiene	10.728	225	251086	28.696	ng/u1	99
35) 4-Chloro-3-methylphenol	11.710	107	501856	31.680	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	1101504	32.031	ng/u1	100
37) 1-Methylnaphthalene	12.292	142	1113005	32.219	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.445	216	487681	27.999	ng/u1	98

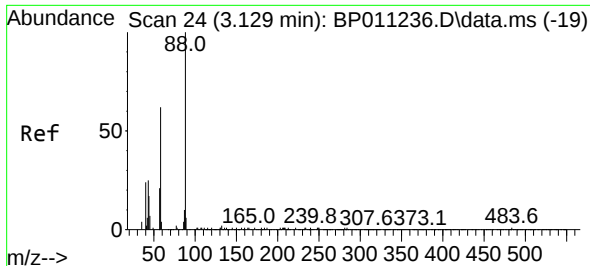
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.416	237	193130	17.550	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	337690	30.948	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	371793	31.751	ng/ul	100
43) 1,1'-Biphenyl	13.104	154	1499932	29.509	ng/ul	100
44) 2-Chloronaphthalene	13.140	162	1102878	29.086	ng/ul	99
45) 2-Nitroaniline	13.363	65	310548	34.048	ng/ul	96
47) Dimethylphthalate	13.751	163	1467058	33.340	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	256183	38.784	ng/ul	93
50) Acenaphthylene	13.992	152	1877145	30.270	ng/ul	99
51) 3-Nitroaniline	14.198	138	240398	32.996	ng/ul	99
52) Acenaphthene	14.339	153	1233008	30.739	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	115199	29.369	ng/ul	97
55) 4-Nitrophenol	14.534	109	37964	5.671	ng/ul	97
56) Dibenzofuran	14.681	168	1746119	31.810	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	408716	39.290	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	301336	34.081	ng/ul	97
59) Diethylphthalate	15.128	149	1516223	33.388	ng/ul	99
61) Fluorene	15.334	166	1440757	32.942	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	637827	33.024	ng/ul	97
63) 4-Nitroaniline	15.375	138	244725	40.146	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.428	198	190125	31.668	ng/ul	96
67) N-Nitrosodiphenylamine	15.557	169	1234255	33.771	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	378077	33.518	ng/ul	97
69) Hexachlorobenzene	16.339	284	446175	33.863	ng/ul	97
70) Atrazine	16.533	200	333008	30.459	ng/ul	99
71) Pentachlorophenol	16.698	266	244958	31.742	ng/ul	98
72) Phenanthrene	17.092	178	2344922	34.253	ng/ul	100
74) Anthracene	17.186	178	2350783	34.528	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	499884	26.124	ng/uL	99
76) Pentachlorobenzene	14.592	250	502981	30.835	ng/uL	98
77) Carbazole	17.463	167	2182165	35.737	ng/ul	100
78) Di-n-butylphthalate	18.033	149	2458457	32.457	ng/ul	99
80) Fluoranthene	19.080	202	2635275	34.962	ng/ul	98
82) Pyrene	19.439	202	2714208	34.507	ng/ul	99
83) Butylbenzylphthalate	20.333	149	752095	25.042	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.104	252	487300	24.442	ng/ul	98
85) Benzo(a)anthracene	21.163	228	2574547	33.793	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.104	149	1361792	26.537	ng/ul	100
87) Chrysene	21.216	228	2526143	33.687	ng/ul	100
89) Di-n-octyl phthalate	22.004	149	2447108	29.631	ng/ul	100
90) Benzo(b)fluoranthene	22.792	252	2725234	35.317	ng/ul	99
91) Benzo(k)fluoranthene	22.839	252	2575935	35.581	ng/ul	99
93) Benzo(a)pyrene	23.398	252	2606936	34.705	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.892	276	3064208	34.181	ng/ul	100
95) Dibenzo(a,h)anthracene	25.915	278	2614755	34.396	ng/ul	99
96) Benzo(g,h,i)perylene	26.633	276	2602399	33.876	ng/ul	99

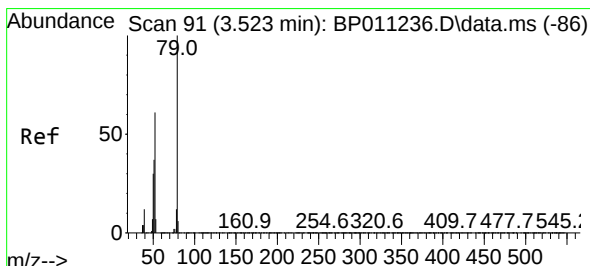
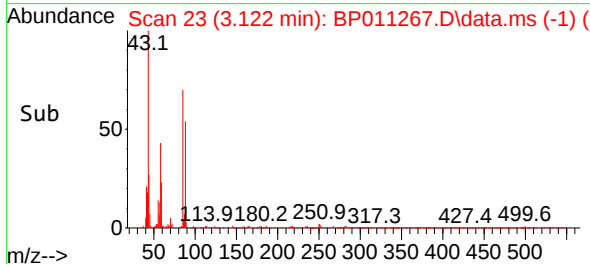
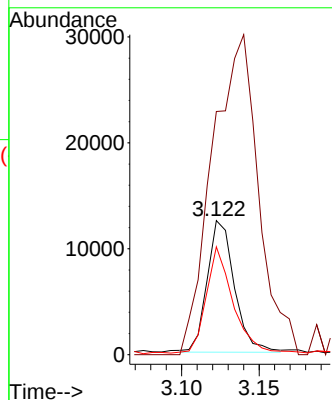
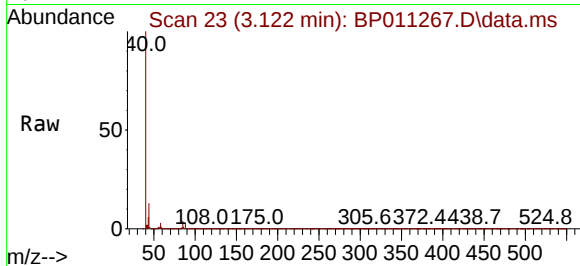
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#2
1,4-Dioxane
Concen: 6.199 ng/uL
RT: 3.122 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011267.D
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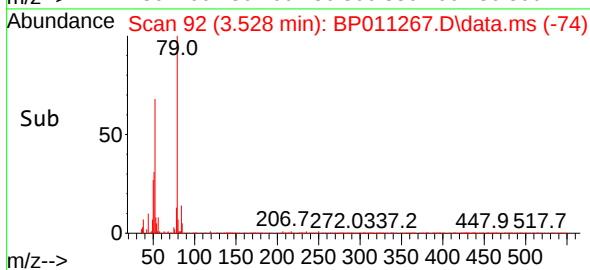
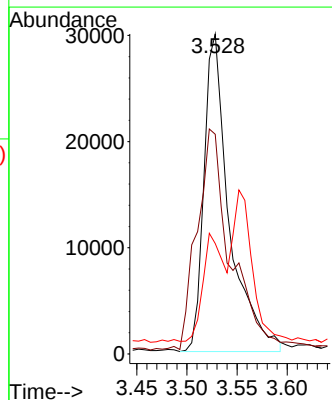
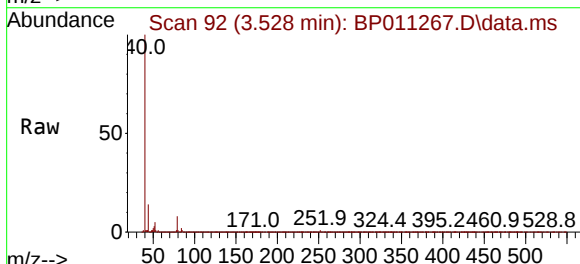
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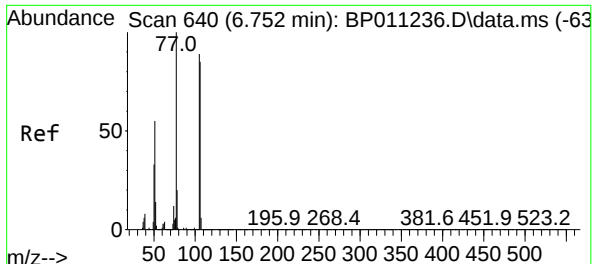
Tgt Ion: 88 Resp: 15210
Ion Ratio Lower Upper
88 100
43 181.5 29.6 44.4#
58 80.4 49.1 73.7#



#5
Pyridine
Concen: 7.230 ng/uL
RT: 3.528 min Scan# 92
Delta R.T. 0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion: 79 Resp: 52540
Ion Ratio Lower Upper
79 100
52 68.7 57.8 86.6
51 34.5 31.5 47.3

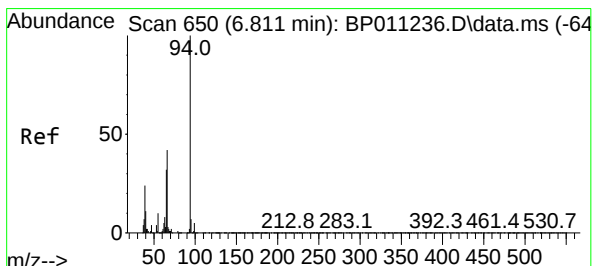
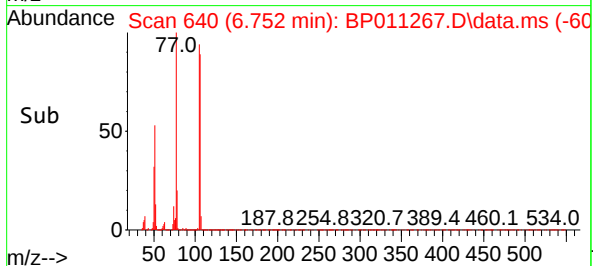
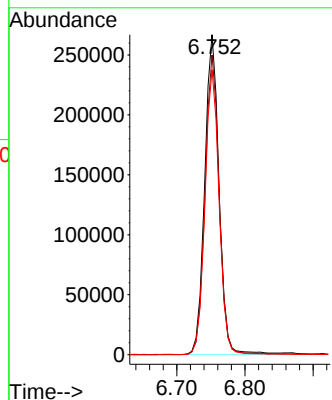
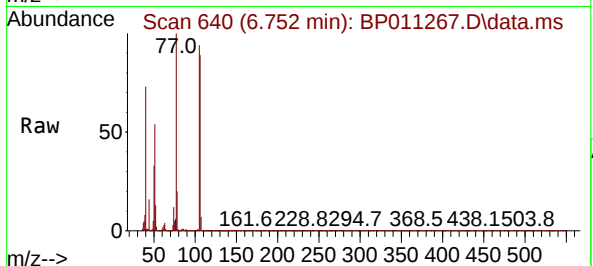




#6
Benzaldehyde
Concen: 44.438 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

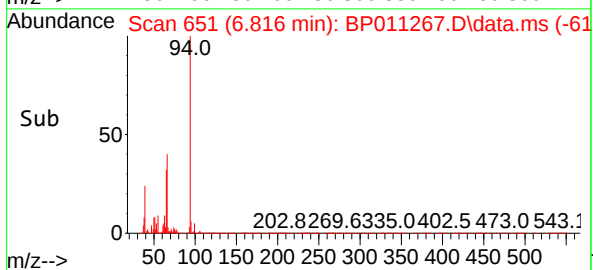
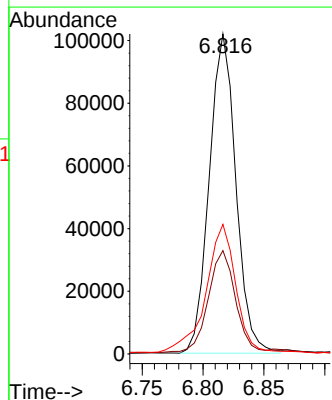
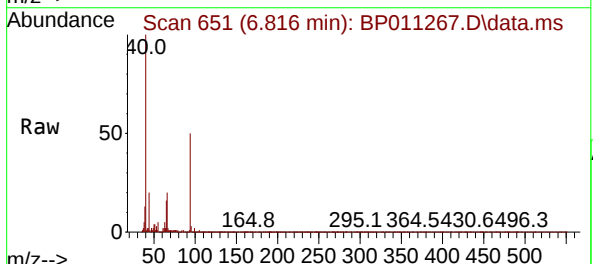
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ClientSampleId :
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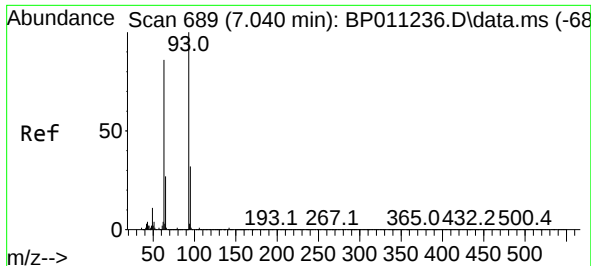
Tgt Ion: 77 Resp: 389429
Ion Ratio Lower Upper
77 100
105 93.7 72.0 108.0
106 89.1 69.4 104.0



#8
Phenol
Concen: 8.069 ng/ul
RT: 6.816 min Scan# 651
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion: 94 Resp: 155110
Ion Ratio Lower Upper
94 100
65 32.3 24.7 37.1
66 40.5 32.6 49.0

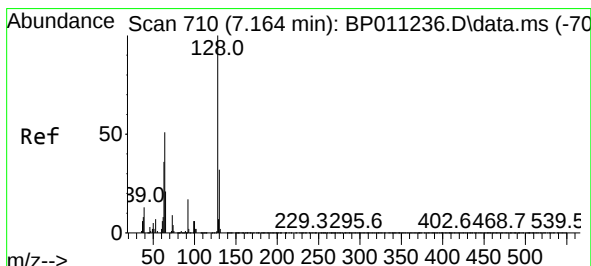
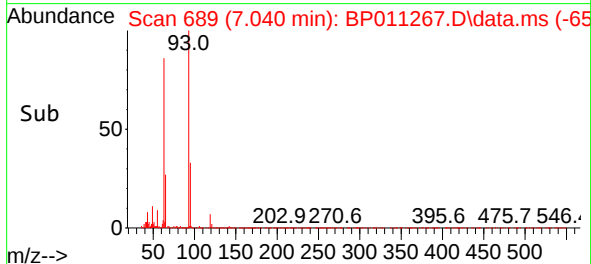
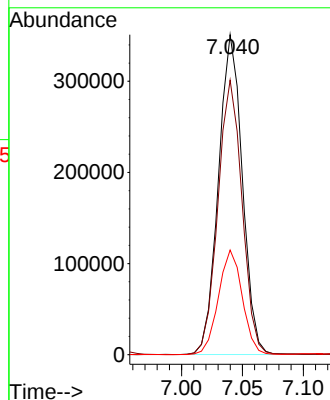
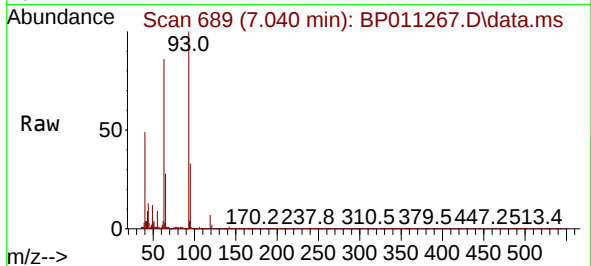




#10
 Bis(2-Chloroethyl)ether
 Concen: 30.386 ng/ul
 RT: 7.040 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: BP011267.D
 Acq: 04 Aug 2022 16:39

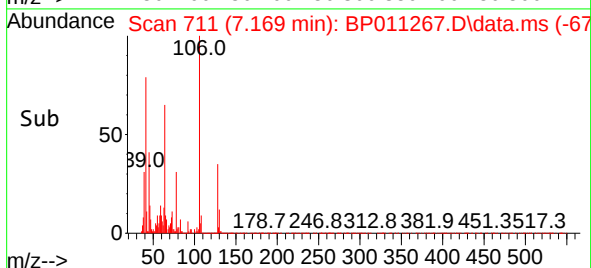
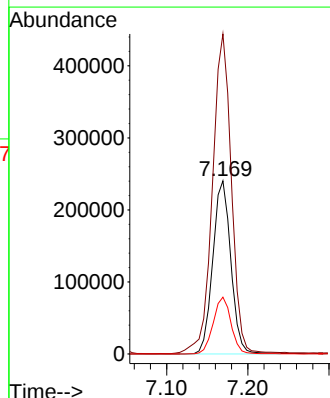
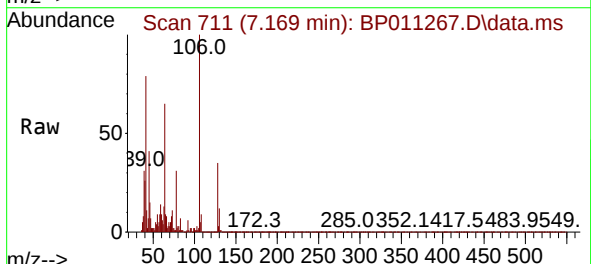
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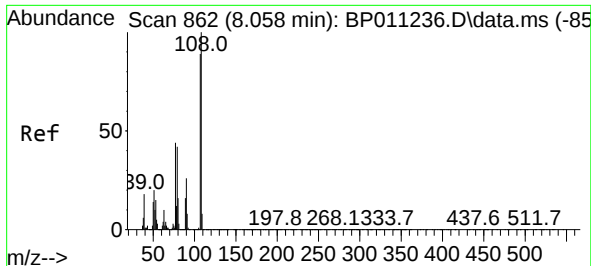
Tgt Ion:	93	Resp:	479273
Ion	Ratio	Lower	Upper
93	100		
63	85.8	71.0	106.6
95	32.7	26.0	39.0



#12
 2-Chlorophenol
 Concen: 24.448 ng/ul
 RT: 7.169 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: BP011267.D
 Acq: 04 Aug 2022 16:39

Tgt Ion:	128	Resp:	371049
Ion	Ratio	Lower	Upper
128	100		
64	184.9	43.8	65.6#
130	32.8	25.4	38.2





#13

2-Methylphenol

Concen: 22.340 ng/ul

RT: 8.063 min Scan# 862

Delta R.T. 0.006 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

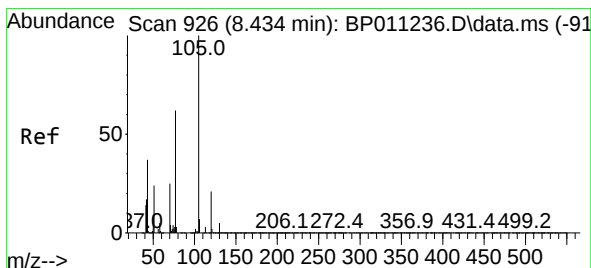
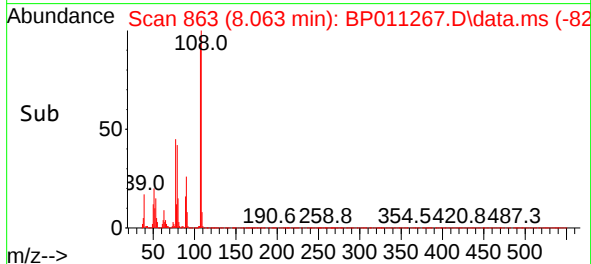
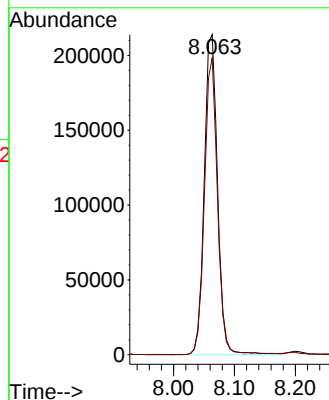
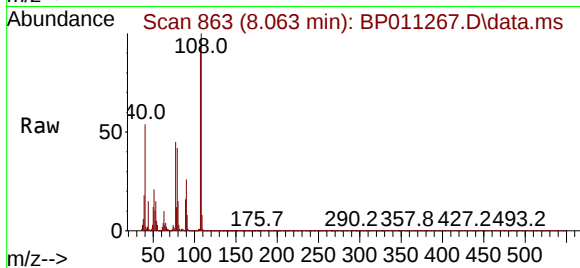
EXF03MSD

Tgt Ion:108 Resp: 324919

Ion Ratio Lower Upper

108 100

107 92.8 71.8 107.6



#16

Acetophenone

Concen: 34.759 ng/ul

RT: 8.434 min Scan# 926

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

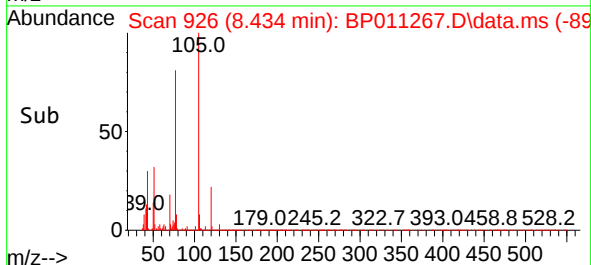
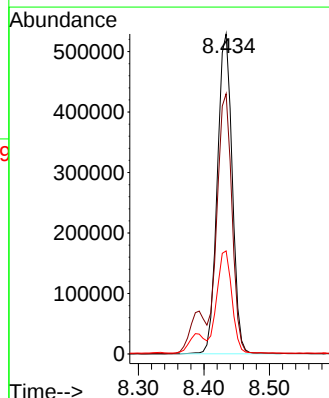
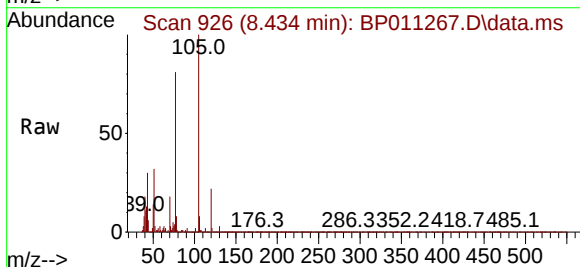
Tgt Ion:105 Resp: 830910

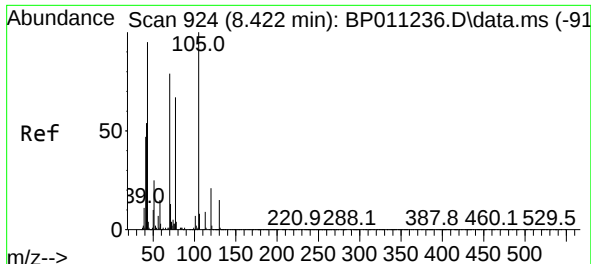
Ion Ratio Lower Upper

105 100

77 81.3 65.4 98.0

51 32.2 26.5 39.7

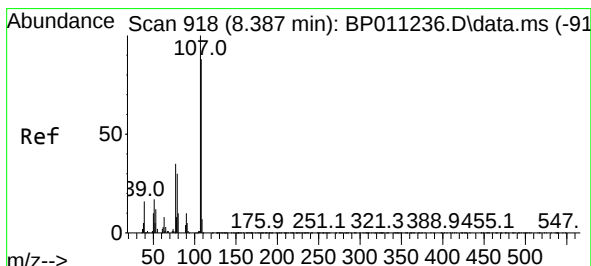
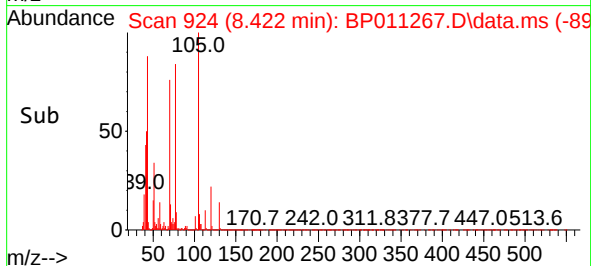
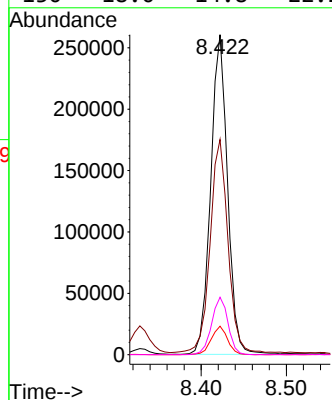
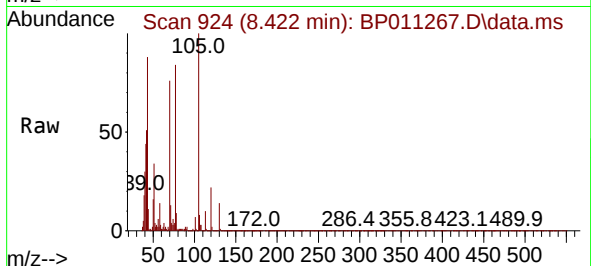




#17
N-Nitroso-di-n-propylamine
Concen: 30.906 ng/ul
RT: 8.422 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP011267.D
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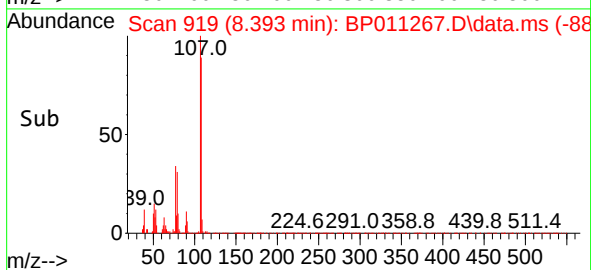
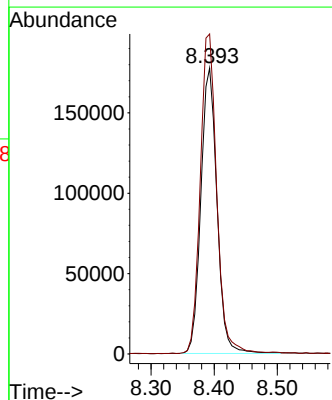
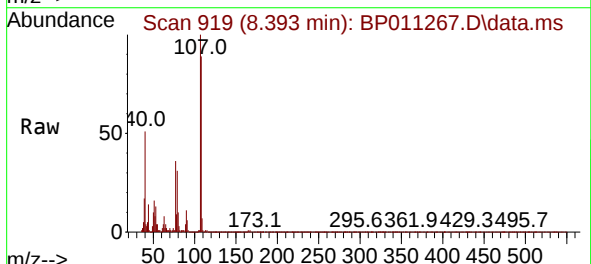
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ClientSampleId :
EXF03MSD

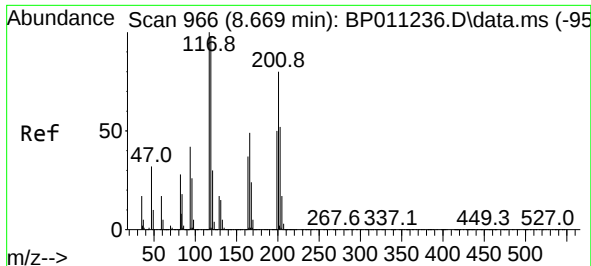
Tgt Ion: 70 Resp: 359497
Ion Ratio Lower Upper
70 100
42 67.2 55.5 83.3
101 8.9 7.1 10.7
130 18.0 14.8 22.2



#18
4-Methylphenol
Concen: 20.209 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion: 108 Resp: 315226
Ion Ratio Lower Upper
108 100
107 111.9 88.2 132.4





#19

Hexachloroethane

Concen: 29.111 ng/ul

RT: 8.669 min Scan# 9

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

EXF03MSD

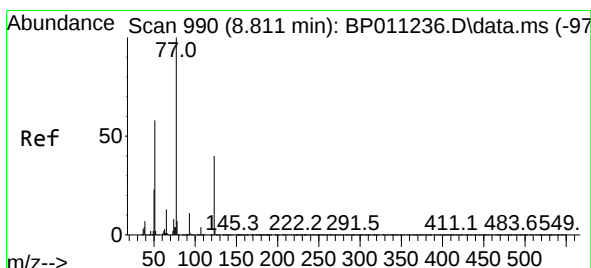
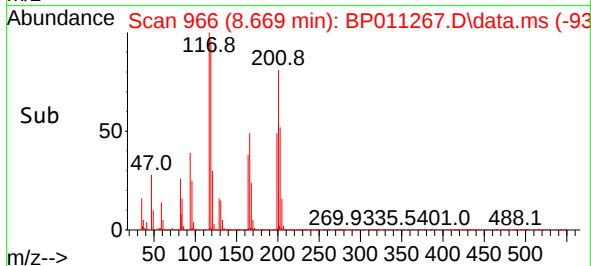
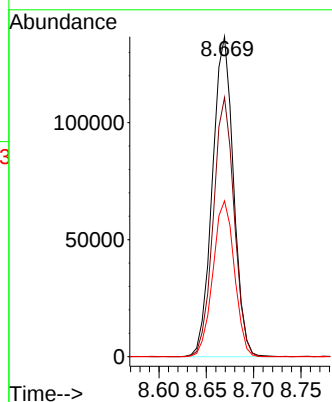
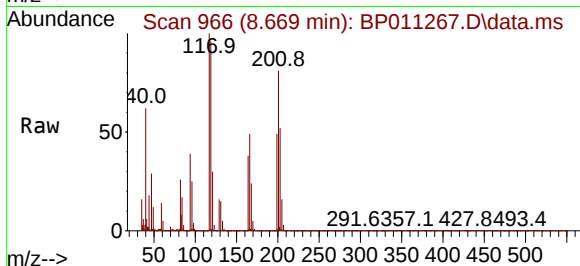
Tgt Ion:117 Resp: 211871

Ion Ratio Lower Upper

117 100

201 81.0 62.2 93.2

199 48.7 39.8 59.6



#22

Nitrobenzene

Concen: 30.746 ng/ul

RT: 8.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

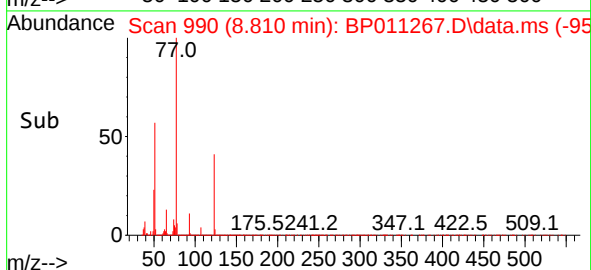
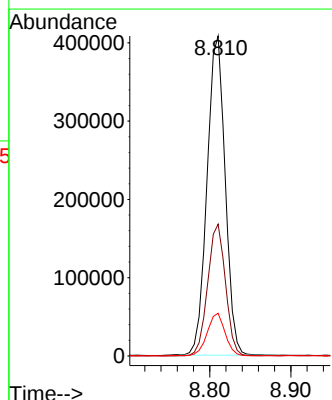
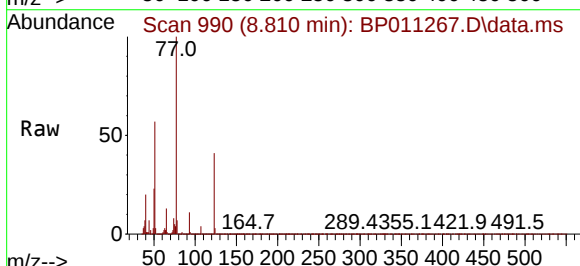
Tgt Ion: 77 Resp: 631814

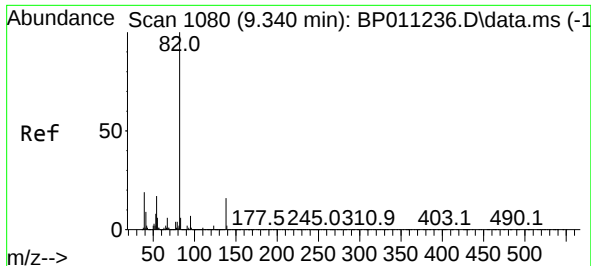
Ion Ratio Lower Upper

77 100

123 41.2 31.4 47.0

65 13.4 10.6 15.8

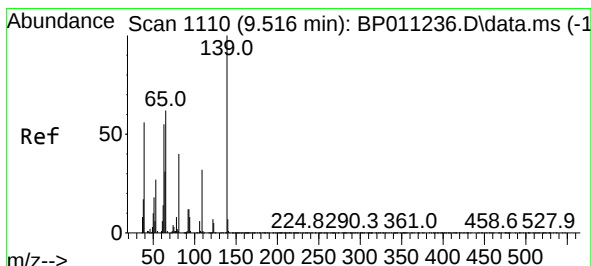
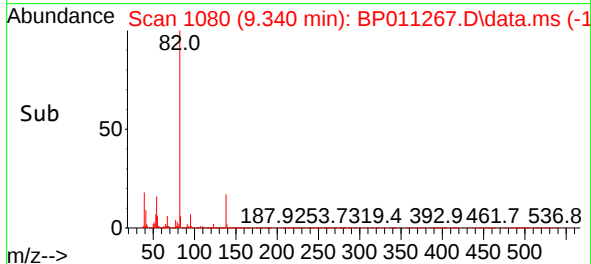
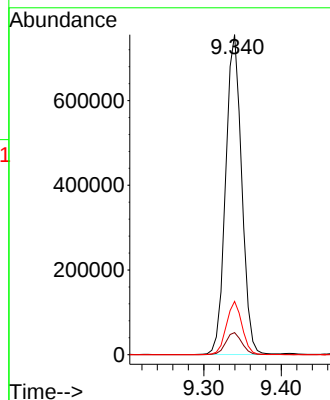
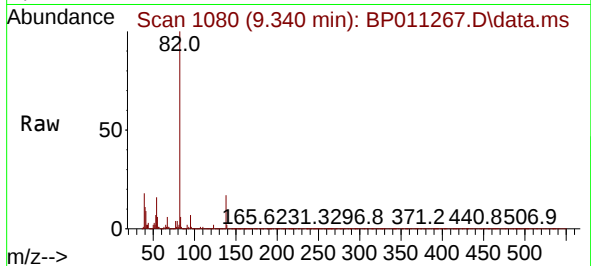




#23
Isophorone
Concen: 29.814 ng/ul
RT: 9.340 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

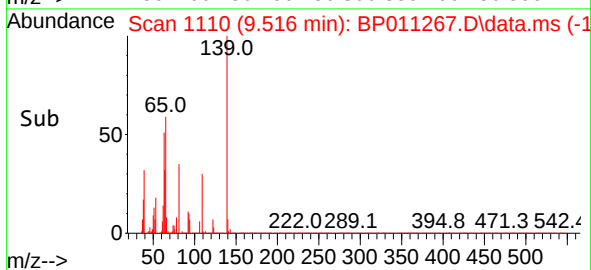
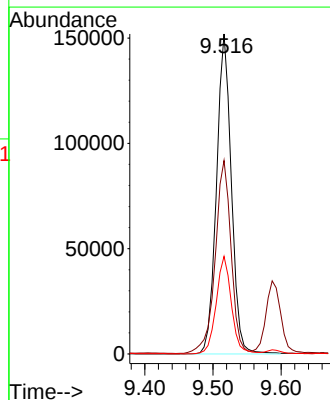
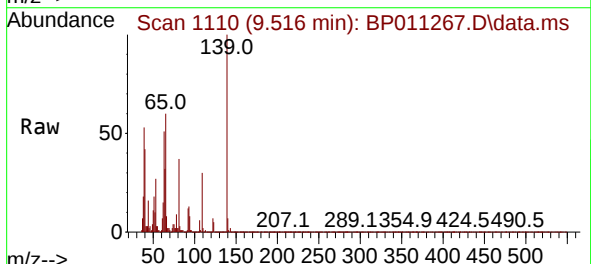
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

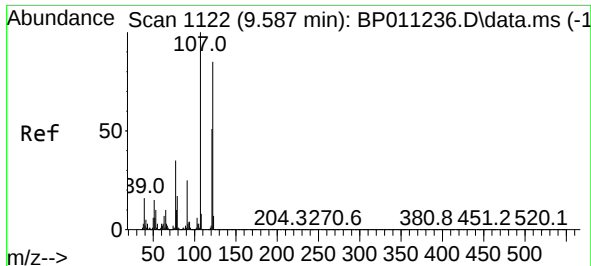
Tgt Ion: 82 Resp: 1090174
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 16.7 12.6 18.8



#25
2-Nitrophenol
Concen: 28.348 ng/ul
RT: 9.516 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion: 139 Resp: 230580
Ion Ratio Lower Upper
139 100
65 60.4 46.7 70.1
109 30.5 24.2 36.2

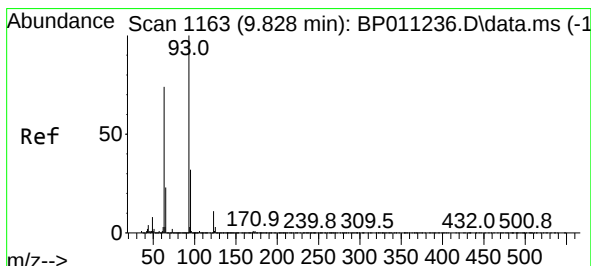
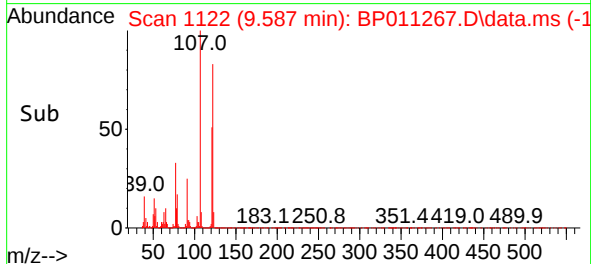
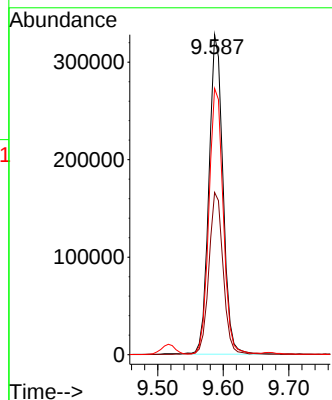
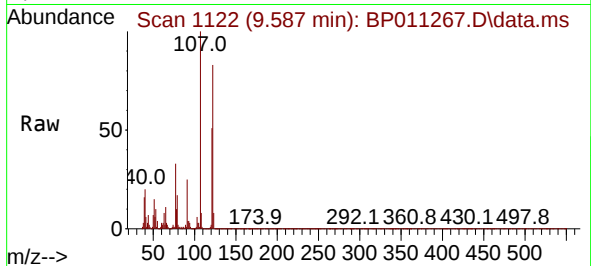




#26
2,4-Dimethylphenol
Concen: 26.605 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

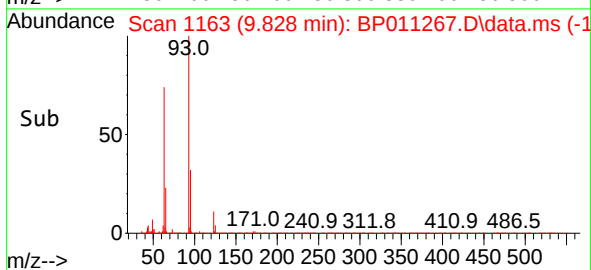
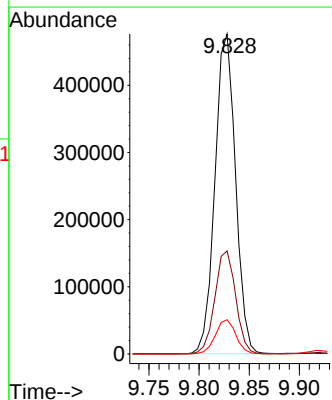
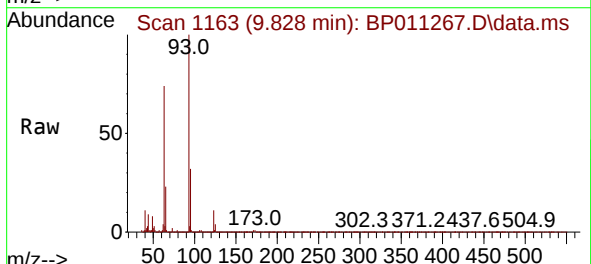
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

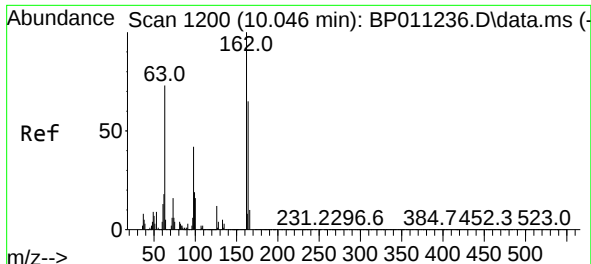
Tgt Ion:107 Resp: 489579
Ion Ratio Lower Upper
107 100
121 50.7 40.3 60.5
122 83.2 67.7 101.5



#27
Bis(2-Chloroethoxy)methane
Concen: 29.478 ng/ul
RT: 9.828 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion: 93 Resp: 678620
Ion Ratio Lower Upper
93 100
95 32.2 25.2 37.8
123 10.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 28.998 ng/ul

RT: 10.051 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

EXF03MSD

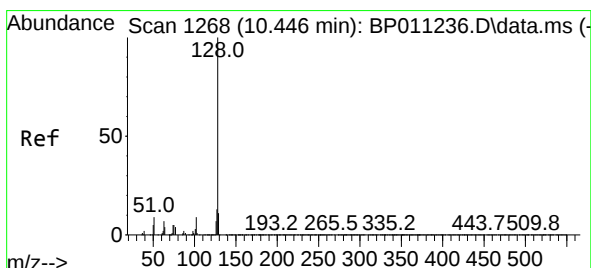
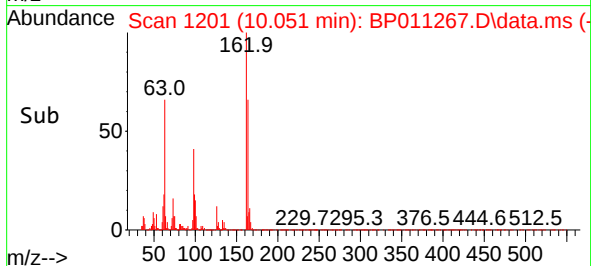
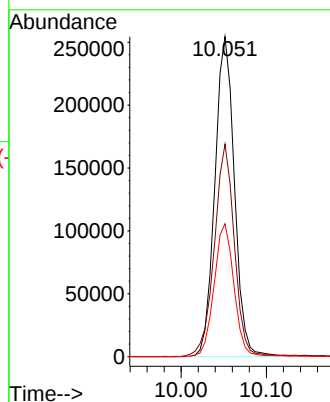
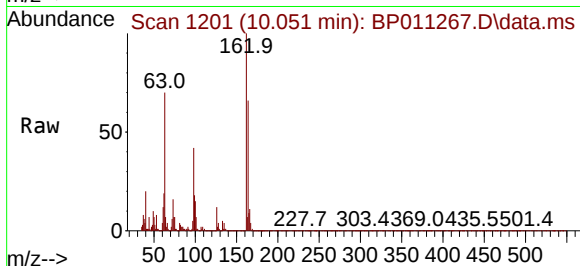
Tgt Ion:162 Resp: 406194

Ion Ratio Lower Upper

162 100

164 66.4 52.6 79.0

98 41.5 34.2 51.4



#30

Naphthalene

Concen: 30.317 ng/ul

RT: 10.446 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

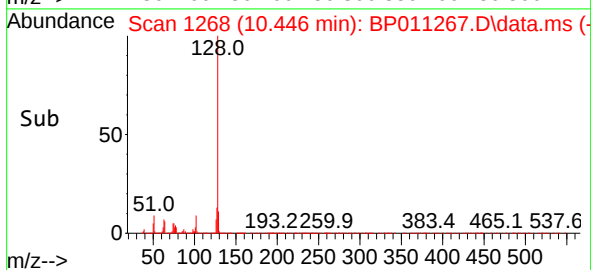
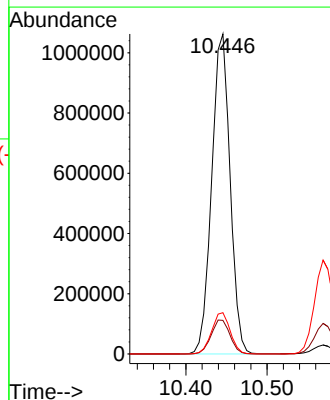
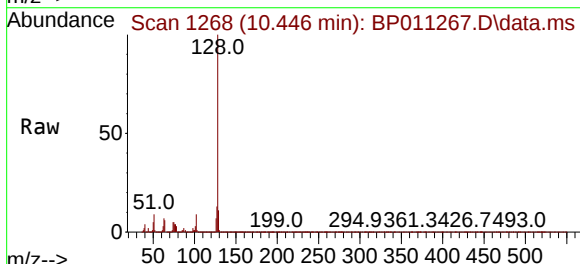
Tgt Ion:128 Resp: 1668531

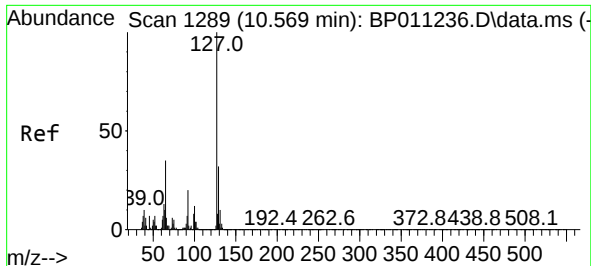
Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

127 12.9 10.4 15.6

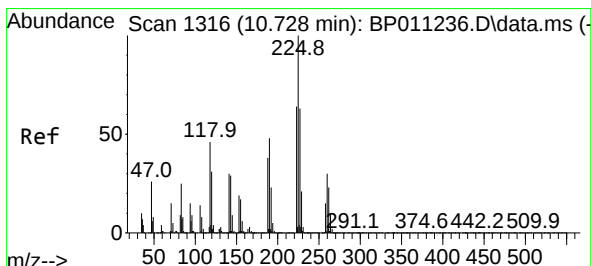
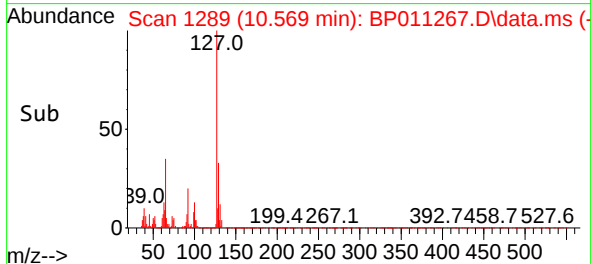
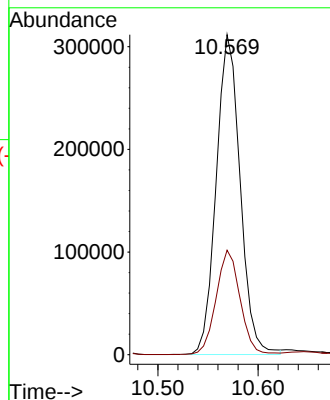
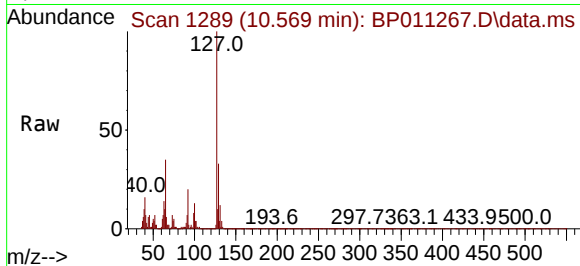




#32
4-Chloroaniline
Concen: 24.535 ng/ul
RT: 10.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

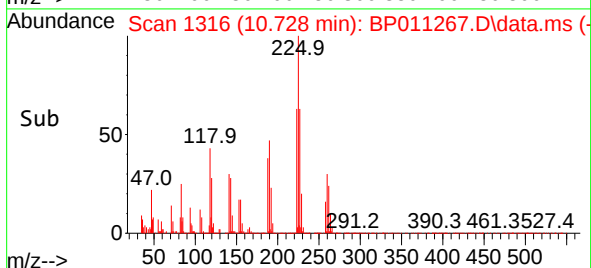
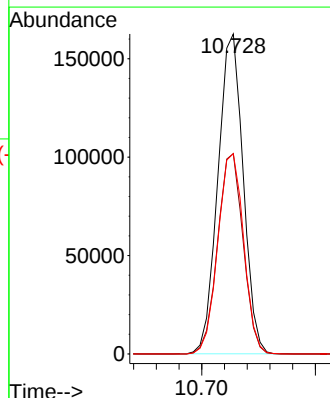
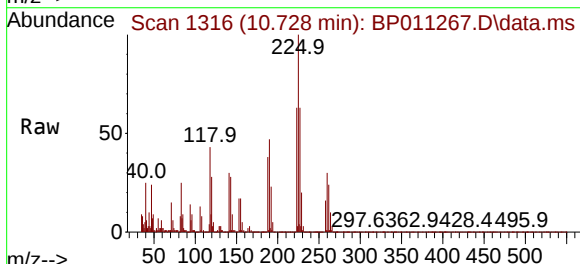
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

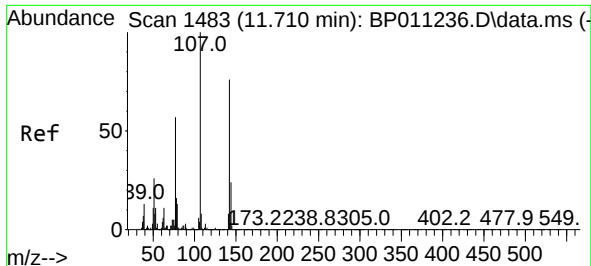
Tgt Ion:127 Resp: 515291
Ion Ratio Lower Upper
127 100
129 32.6 26.6 40.0



#33
Hexachlorobutadiene
Concen: 28.696 ng/ul
RT: 10.728 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:225 Resp: 251086
Ion Ratio Lower Upper
225 100
223 62.6 51.2 76.8
227 62.6 50.6 75.8

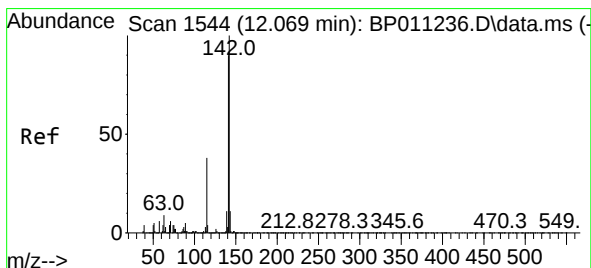
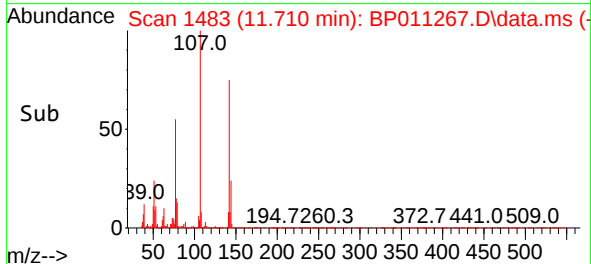
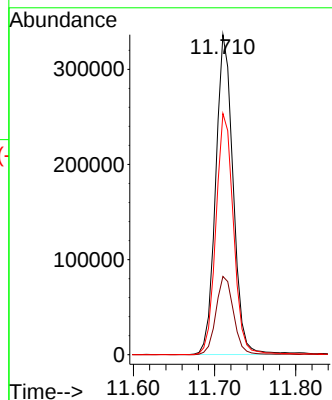
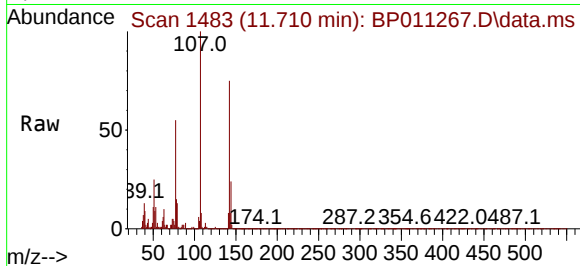




#35
4-Chloro-3-methylphenol
Concen: 31.680 ng/ul
RT: 11.710 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

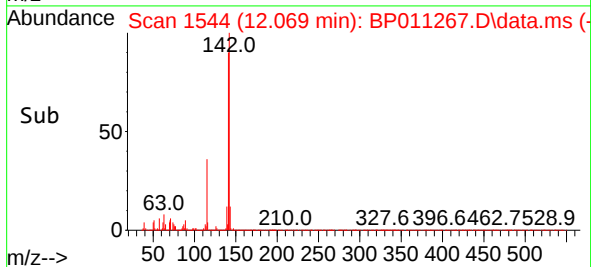
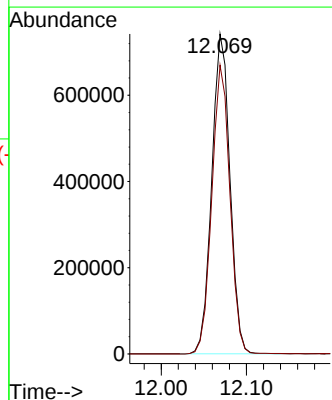
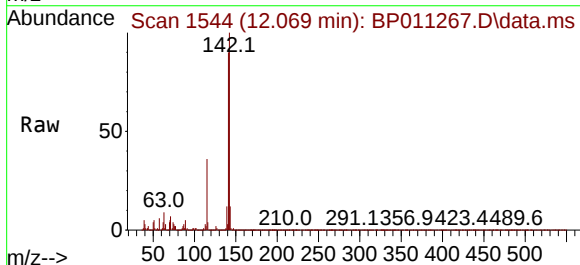
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

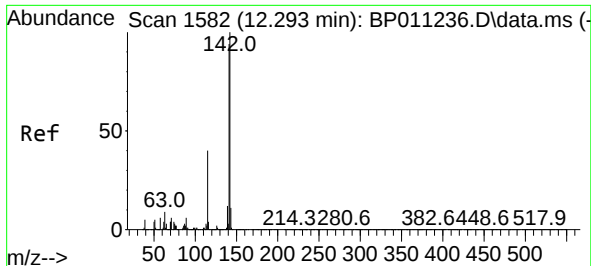
Tgt Ion:107 Resp: 501856
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.4
142 75.3 59.8 89.8



#36
2-Methylnaphthalene
Concen: 32.031 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:142 Resp: 1101504
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.8

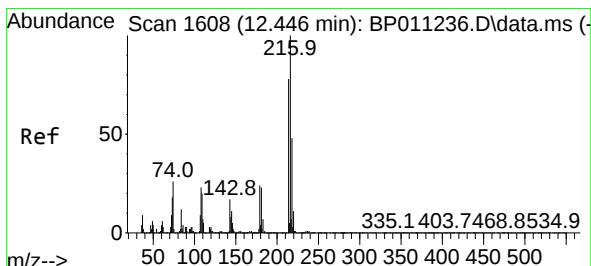
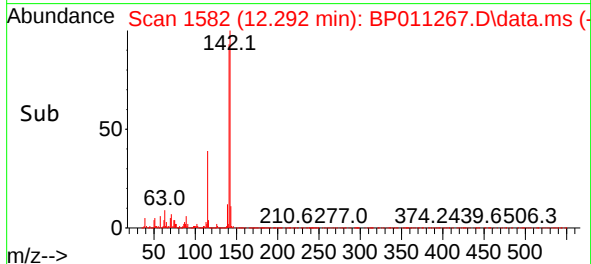
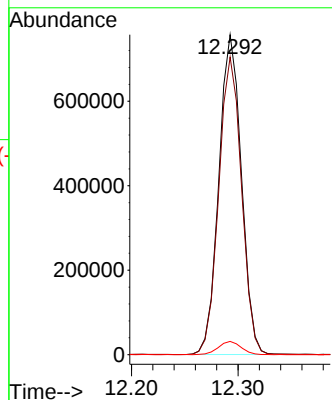
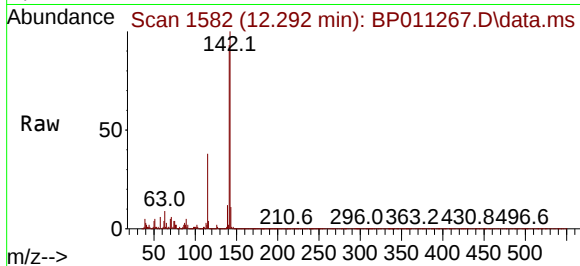




#37
1-Methylnaphthalene
Concen: 32.219 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

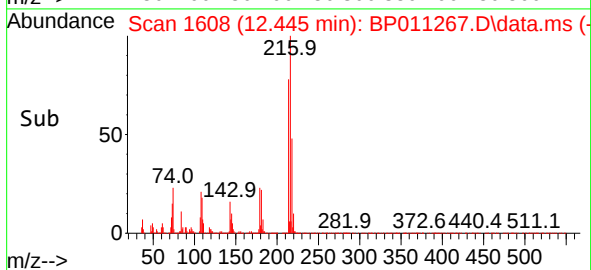
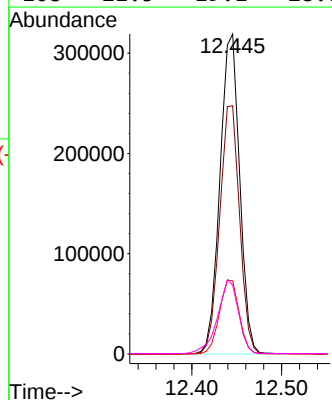
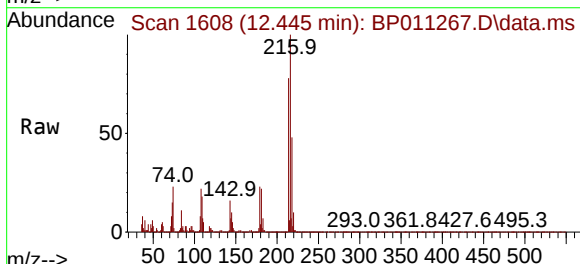
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

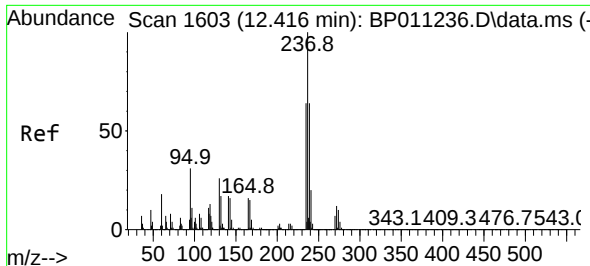
Tgt Ion:142 Resp: 1113005
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1
116 4.2 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.999 ng/ul
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:216 Resp: 487681
Ion Ratio Lower Upper
216 100
214 77.6 61.1 91.7
179 22.9 18.6 27.8
108 21.5 19.1 28.7

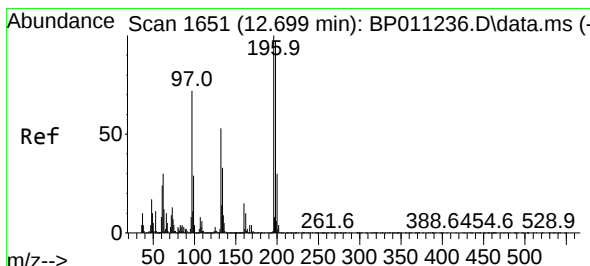
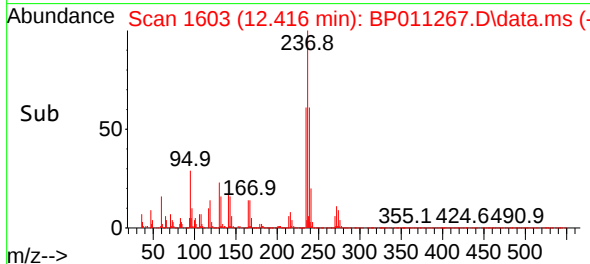
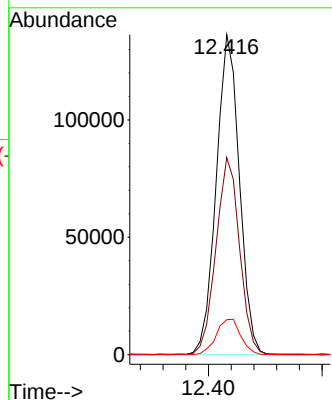
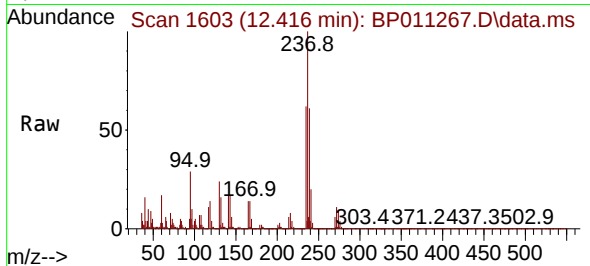




#40
Hexachlorocyclopentadiene
Concen: 17.550 ng/ul
RT: 12.416 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

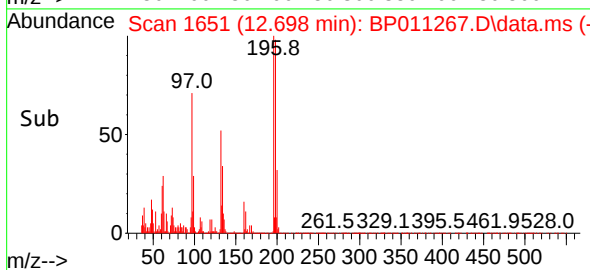
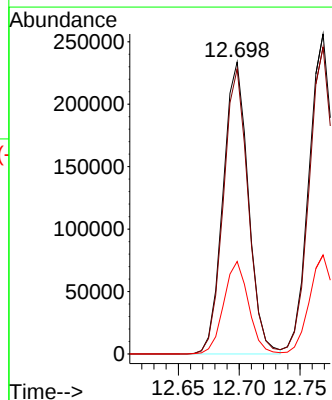
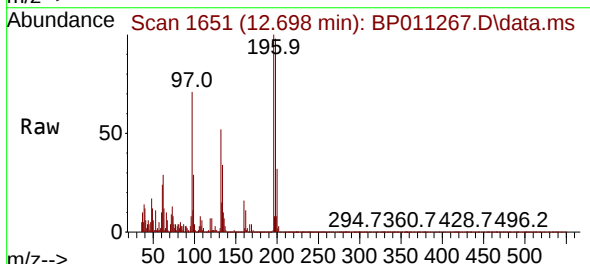
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

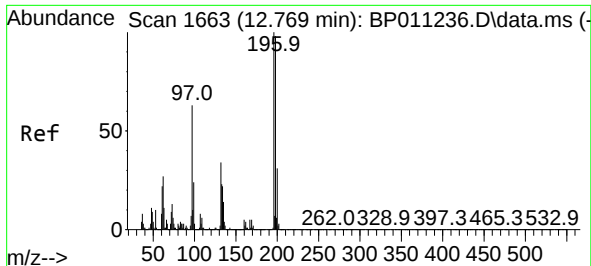
Tgt Ion:237 Resp: 193130
Ion Ratio Lower Upper
237 100
235 61.6 50.4 75.6
272 11.0 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 30.948 ng/ul
RT: 12.698 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:196 Resp: 337690
Ion Ratio Lower Upper
196 100
198 97.6 75.5 113.3
200 31.7 24.4 36.6

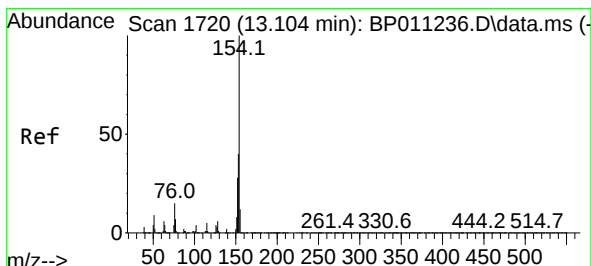
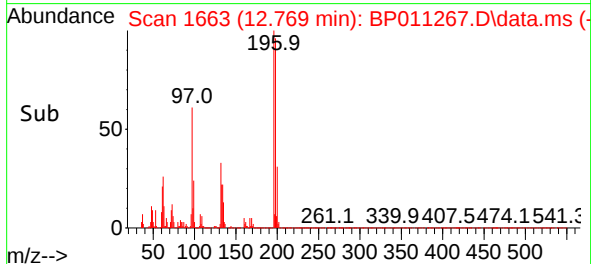
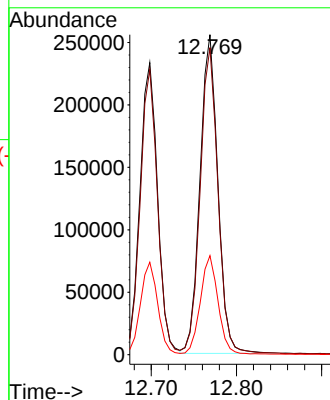
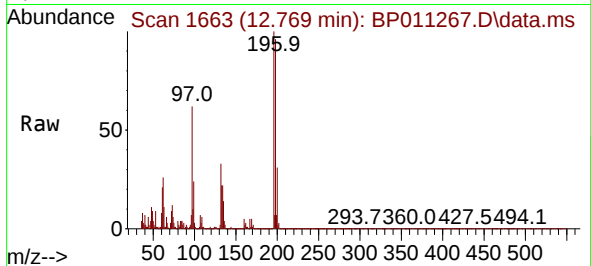




#42
2,4,5-Trichlorophenol
Concen: 31.751 ng/ul
RT: 12.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

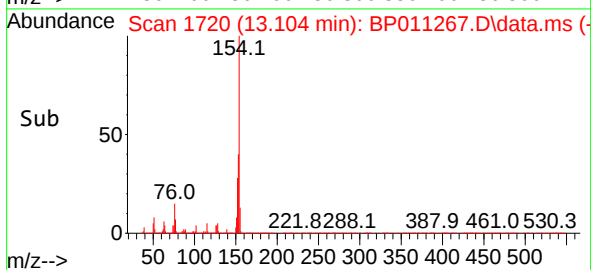
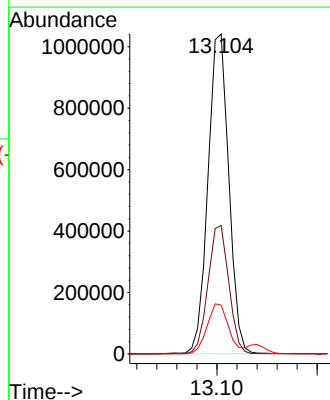
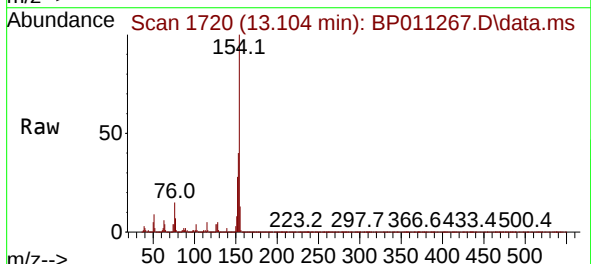
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

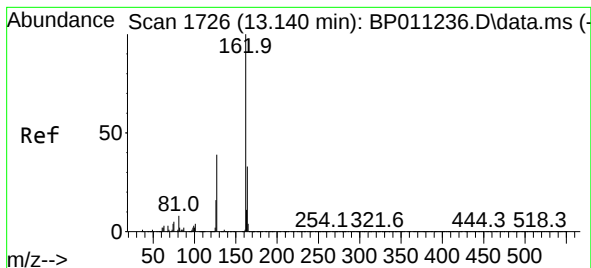
Tgt Ion:196 Resp: 371793
Ion Ratio Lower Upper
196 100
198 96.0 76.8 115.2
200 31.0 25.0 37.6



#43
1,1'-Biphenyl
Concen: 29.509 ng/ul
RT: 13.104 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:154 Resp: 1499932
Ion Ratio Lower Upper
154 100
153 40.1 31.9 47.9
76 15.3 12.2 18.2

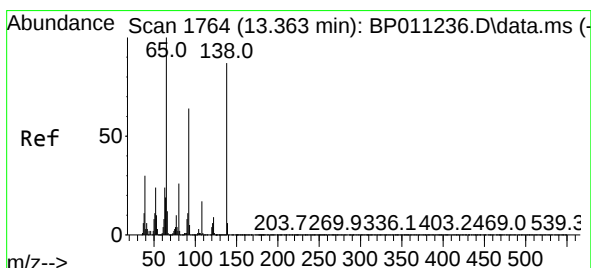
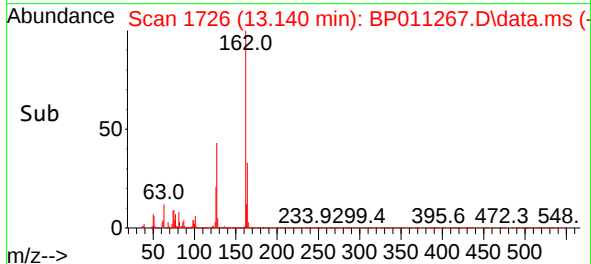
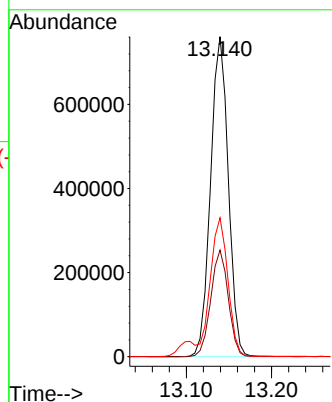
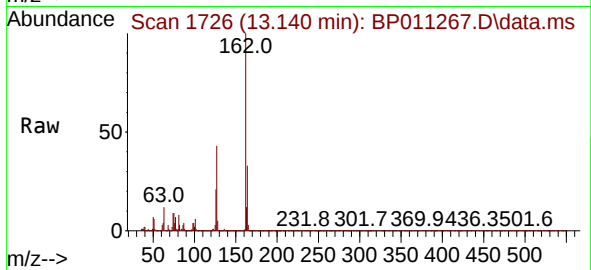




#44
2-Chloronaphthalene
Concen: 29.086 ng/ul
RT: 13.140 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

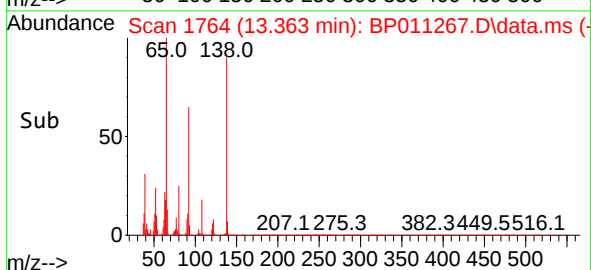
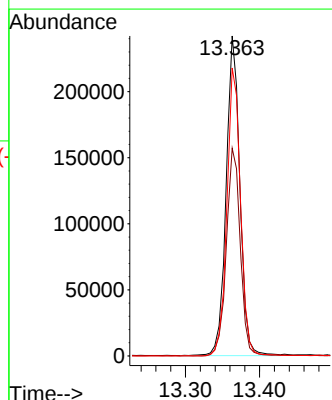
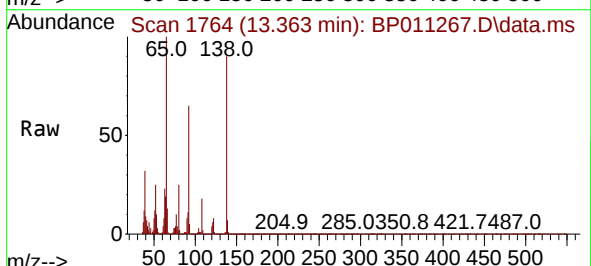
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

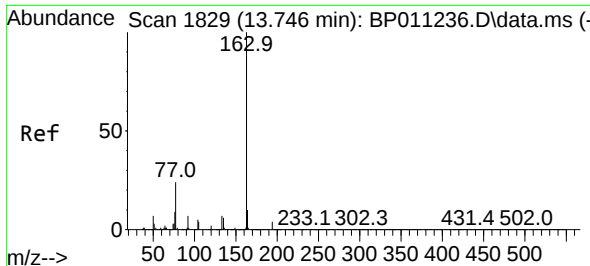
Tgt Ion:162 Resp: 1102878
Ion Ratio Lower Upper
162 100
164 33.3 25.6 38.4
127 43.4 34.6 51.8



#45
2-Nitroaniline
Concen: 34.048 ng/ul
RT: 13.363 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion: 65 Resp: 310548
Ion Ratio Lower Upper
65 100
92 64.9 51.4 77.2
138 90.0 67.4 101.0

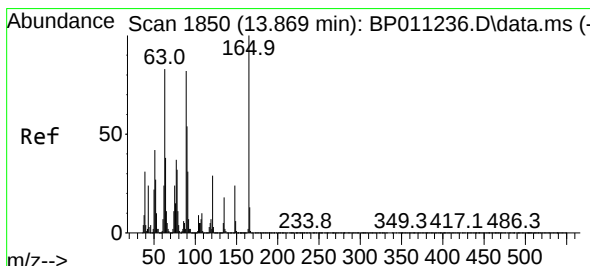
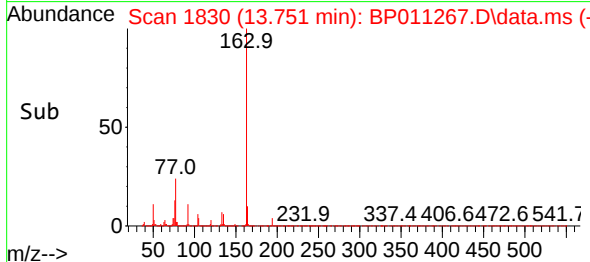
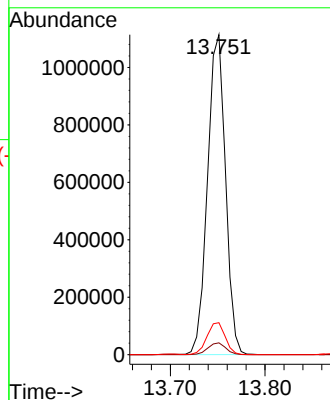
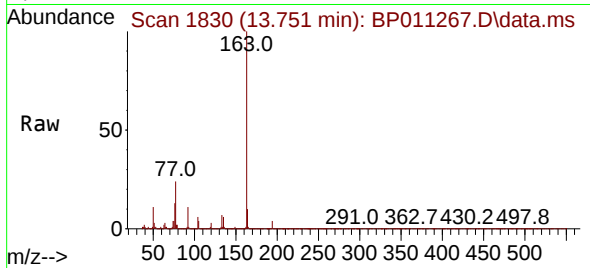




#47
Dimethylphthalate
Concen: 33.340 ng/ul
RT: 13.751 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

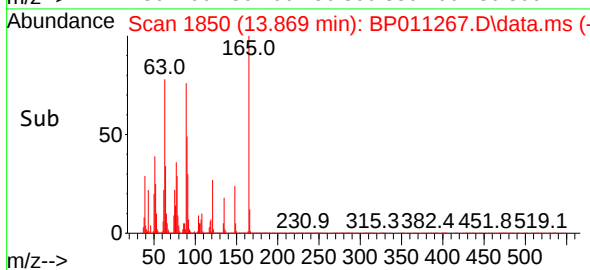
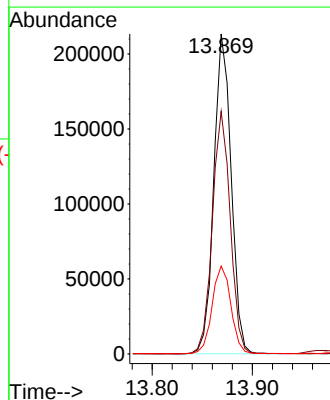
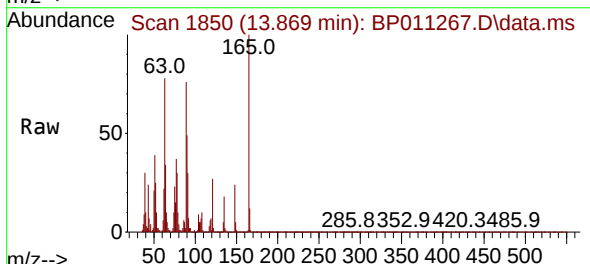
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

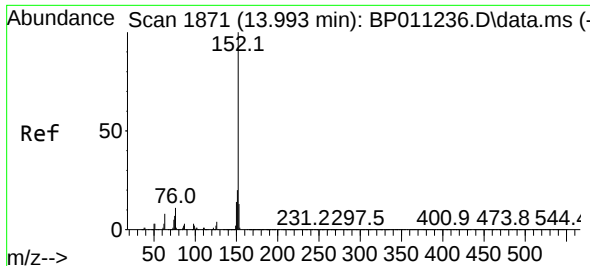
Tgt Ion:163 Resp: 1467058
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 38.784 ng/ul
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:165 Resp: 256183
Ion Ratio Lower Upper
165 100
89 75.8 65.8 98.6
121 27.4 24.2 36.2

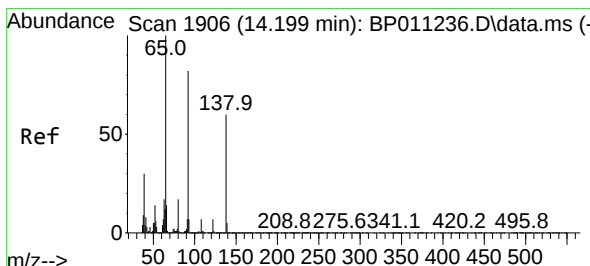
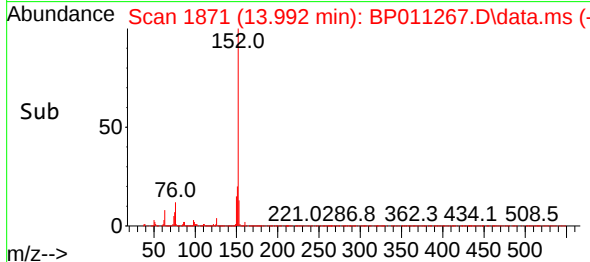
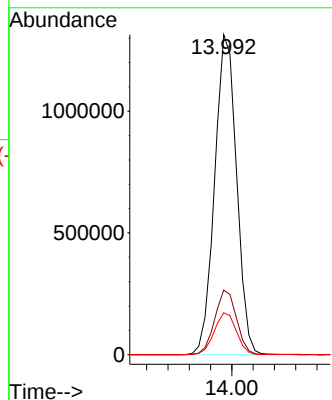
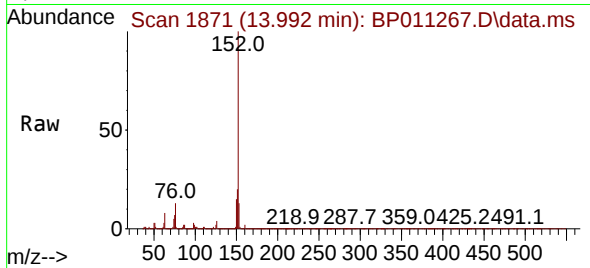




#50
Acenaphthylene
Concen: 30.270 ng/ul
RT: 13.992 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

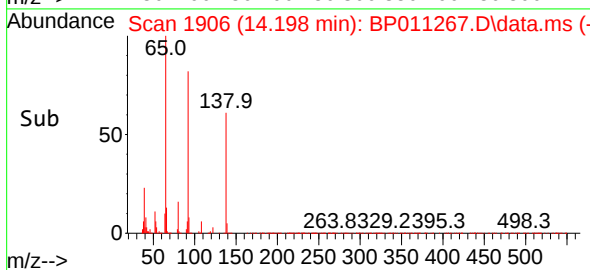
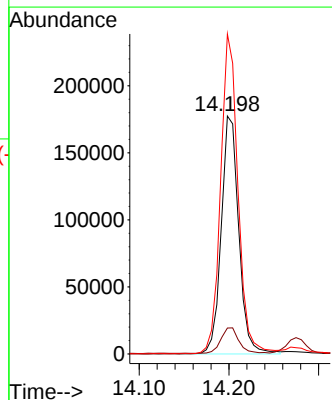
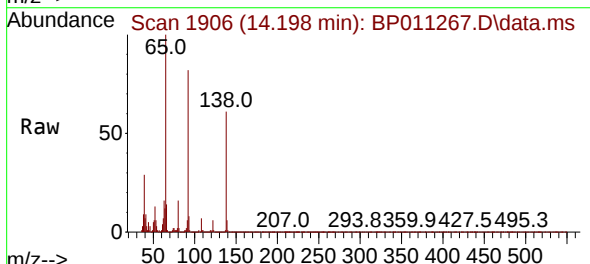
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

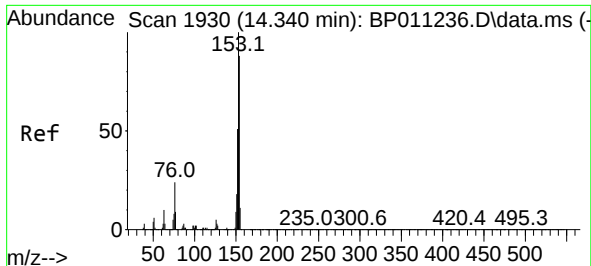
Tgt Ion:152 Resp: 1877145
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 32.996 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:138 Resp: 240398
Ion Ratio Lower Upper
138 100
108 10.9 9.9 14.9
92 134.5 106.8 160.2

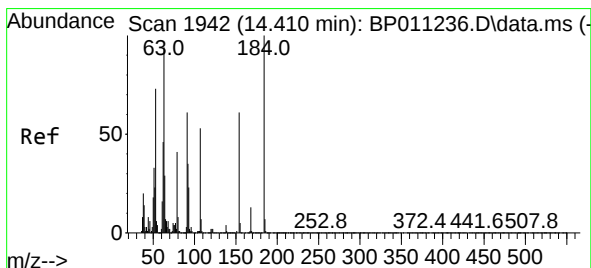
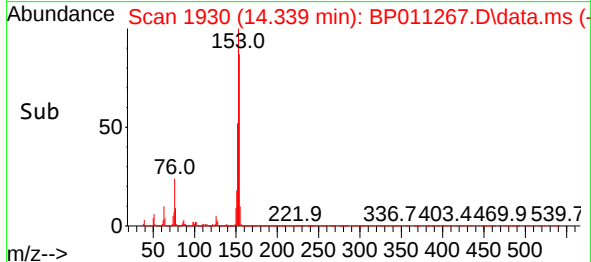
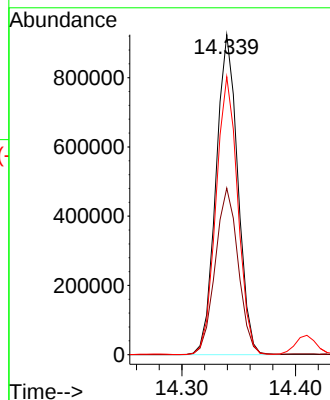
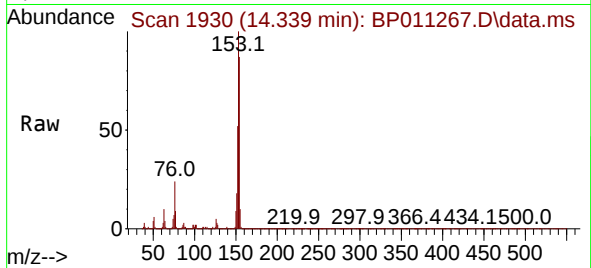




#52
Acenaphthene
Concen: 30.739 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

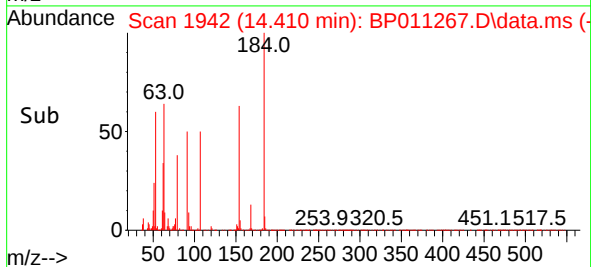
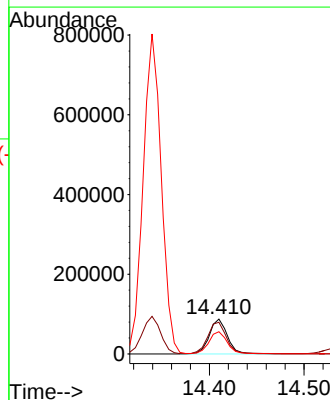
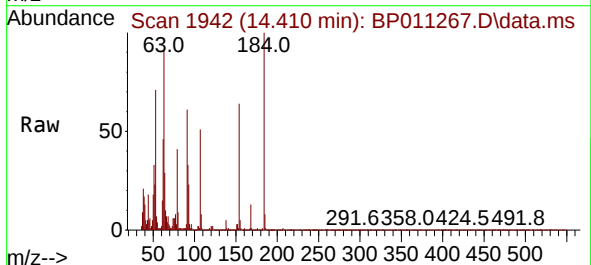
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

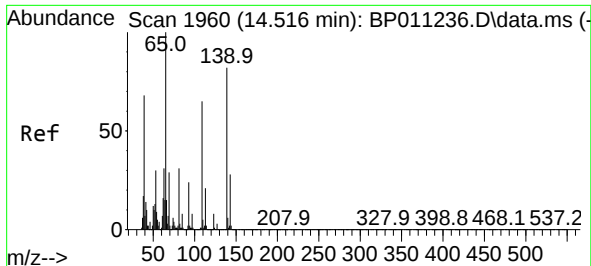
Tgt Ion:153 Resp: 1233008
Ion Ratio Lower Upper
153 100
152 52.0 39.5 59.3
154 86.9 68.6 103.0



#53
2,4-Dinitrophenol
Concen: 29.369 ng/ul
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:184 Resp: 115199
Ion Ratio Lower Upper
184 100
63 90.7 75.0 112.6
154 63.7 53.1 79.7

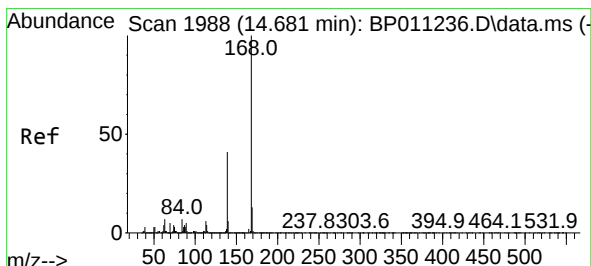
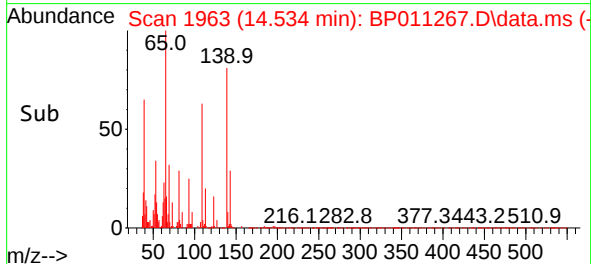
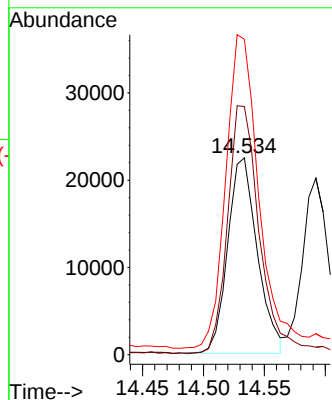
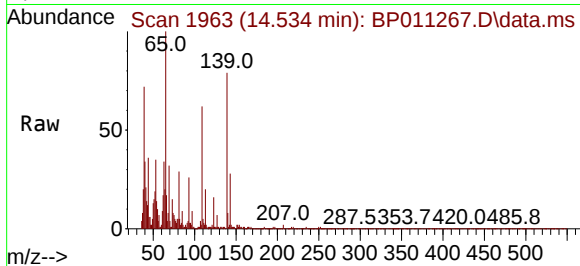




#55
4-Nitrophenol
Concen: 5.671 ng/ul
RT: 14.534 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

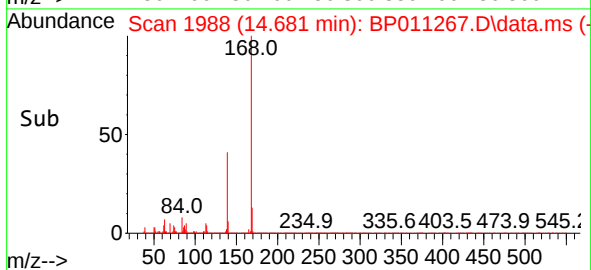
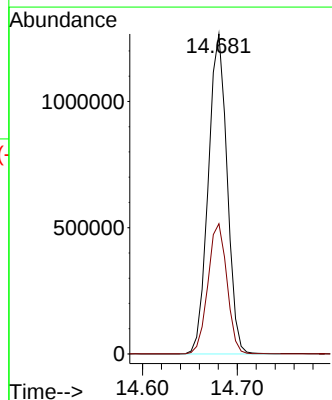
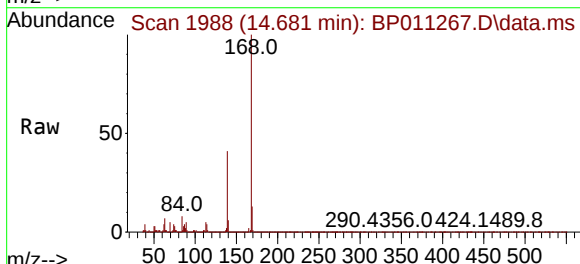
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

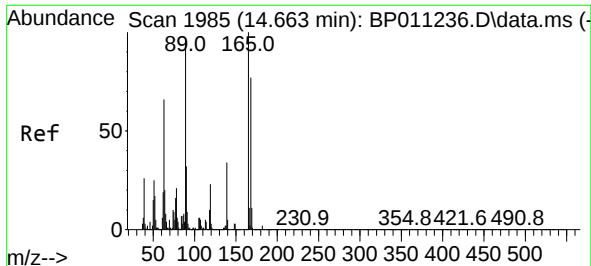
Tgt Ion:109 Resp: 37964
Ion Ratio Lower Upper
109 100
139 126.1 100.6 150.8
65 160.3 122.6 184.0



#56
Dibenzofuran
Concen: 31.810 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:168 Resp: 1746119
Ion Ratio Lower Upper
168 100
139 40.7 34.2 51.2

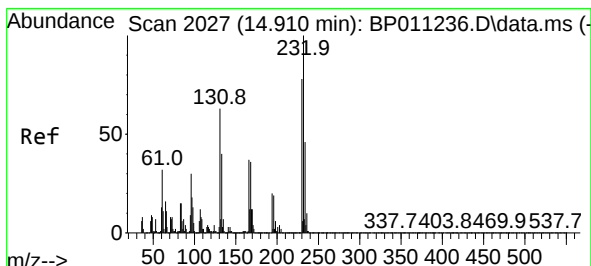
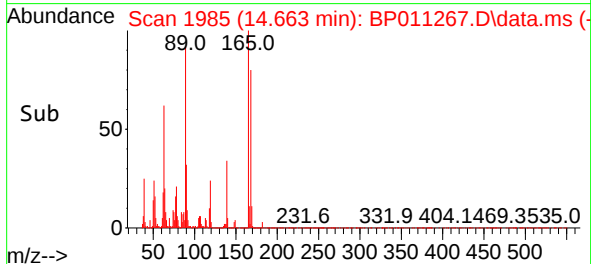
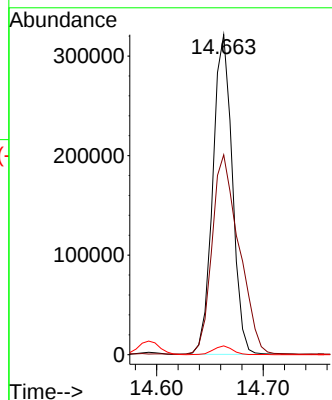
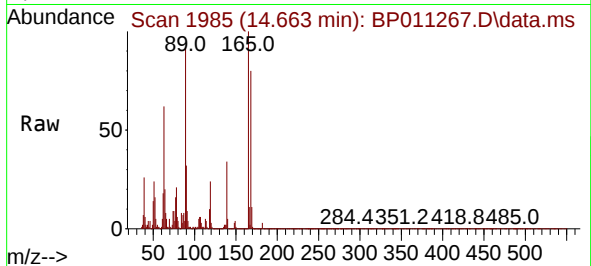




#57
2,4-Dinitrotoluene
Concen: 39.290 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

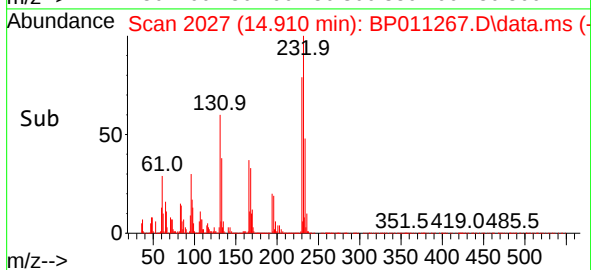
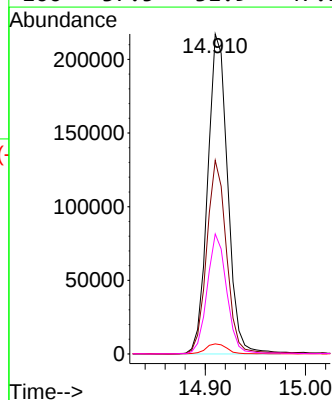
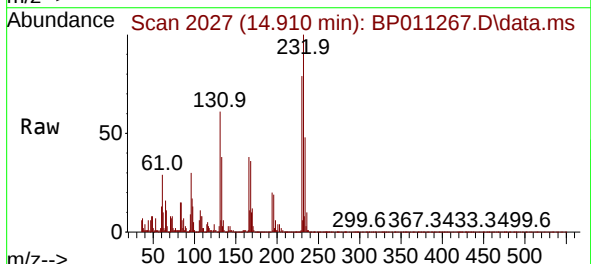
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

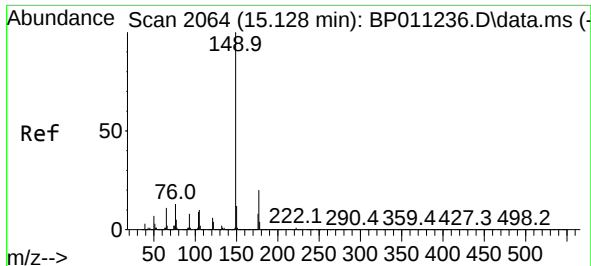
Tgt Ion:165 Resp: 408716
Ion Ratio Lower Upper
165 100
63 62.5 50.6 75.8
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.081 ng/ul
RT: 14.910 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:232 Resp: 301336
Ion Ratio Lower Upper
232 100
131 60.5 50.4 75.6
130 3.1 2.6 3.8
166 37.5 31.9 47.9

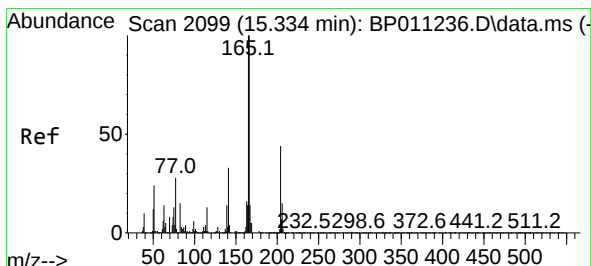
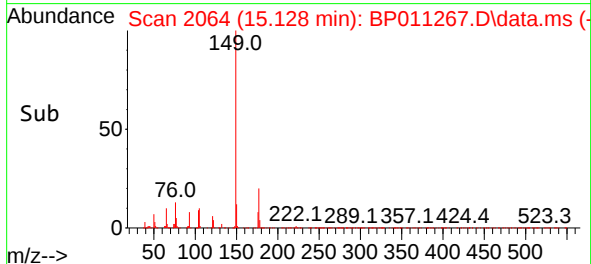
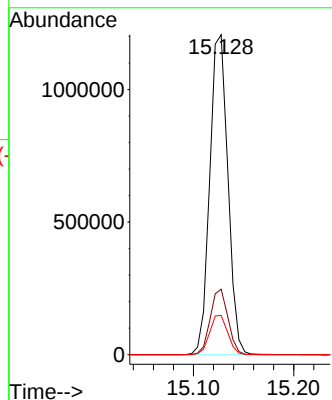
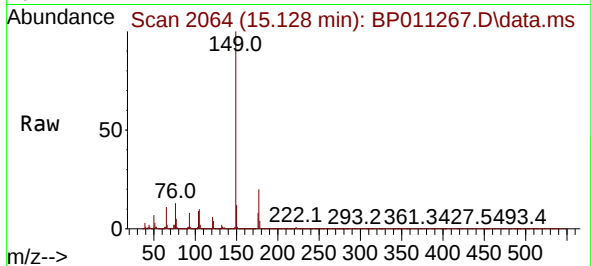




#59
Diethylphthalate
Concen: 33.388 ng/ul
RT: 15.128 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

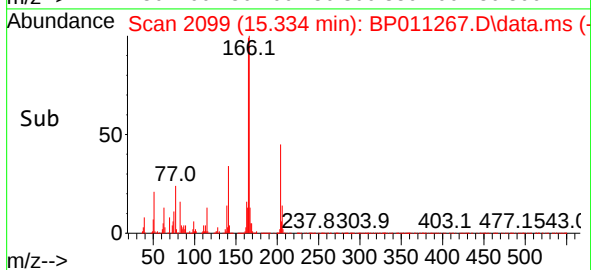
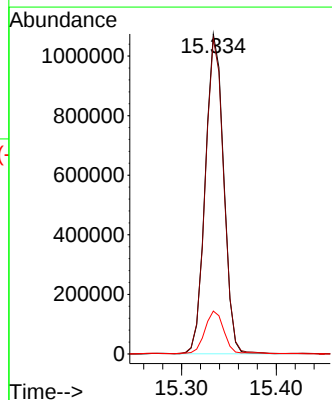
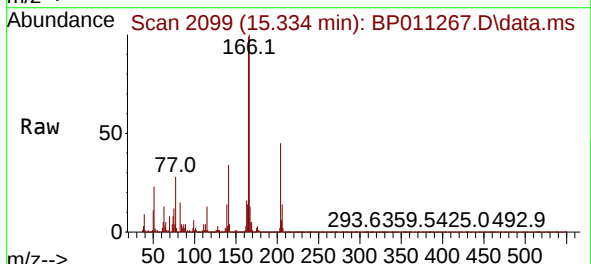
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

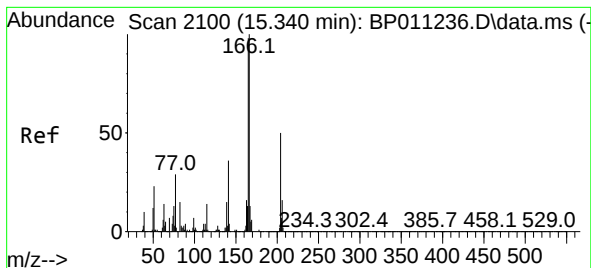
Tgt Ion:149 Resp: 1516223
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.2 9.4 14.0



#61
Fluorene
Concen: 32.942 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:166 Resp: 1440757
Ion Ratio Lower Upper
166 100
165 98.6 77.7 116.5
167 13.4 11.0 16.4

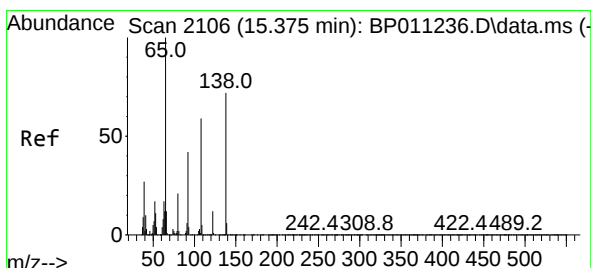
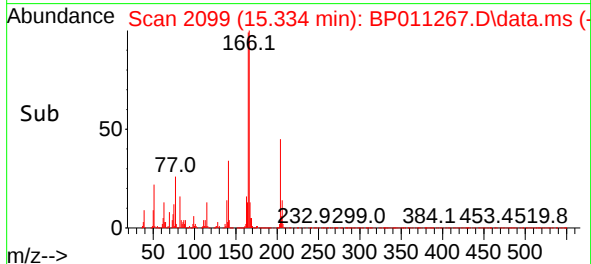
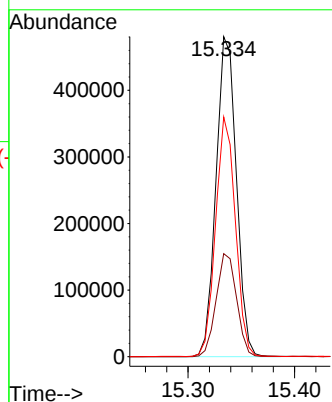
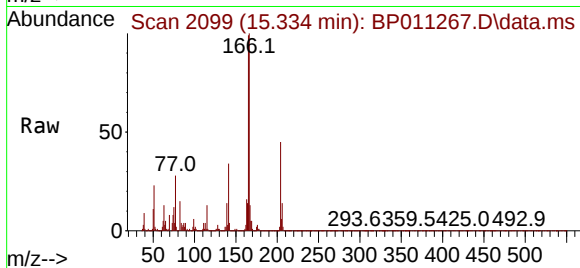




#62
4-Chlorophenyl-phenylether
Concen: 33.024 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

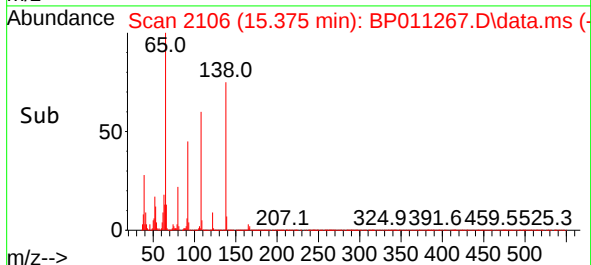
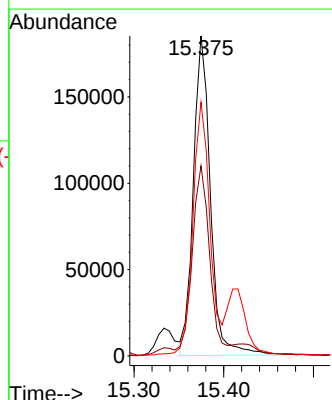
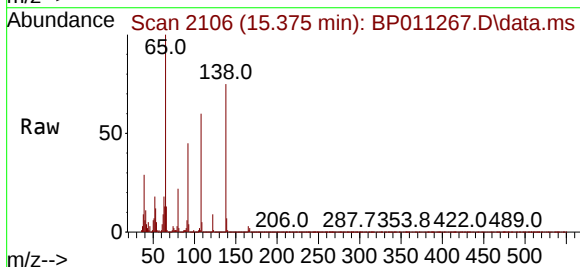
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

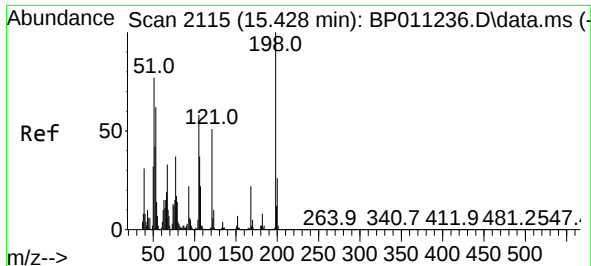
Tgt Ion:204 Resp: 637827
Ion Ratio Lower Upper
204 100
206 32.2 27.3 40.9
141 74.9 57.7 86.5



#63
4-Nitroaniline
Concen: 40.146 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:138 Resp: 244725
Ion Ratio Lower Upper
138 100
92 59.4 55.9 83.9
108 79.3 67.1 100.7

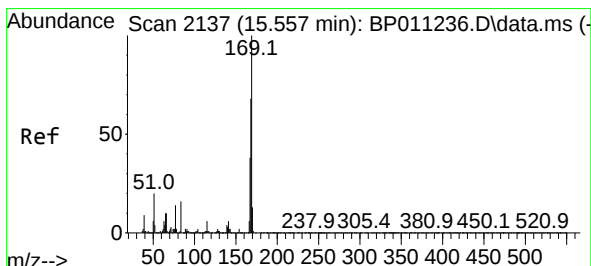
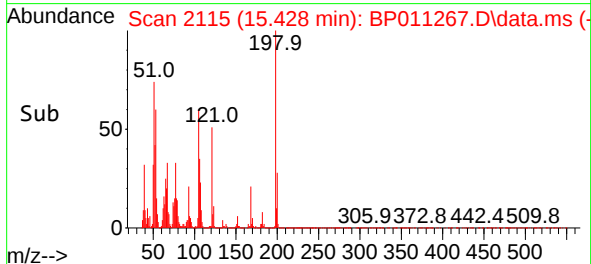
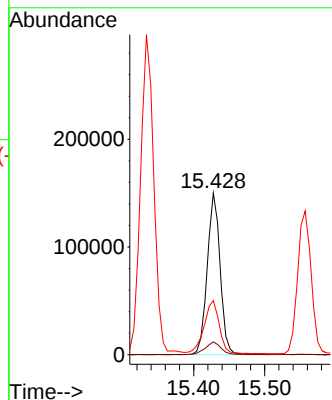
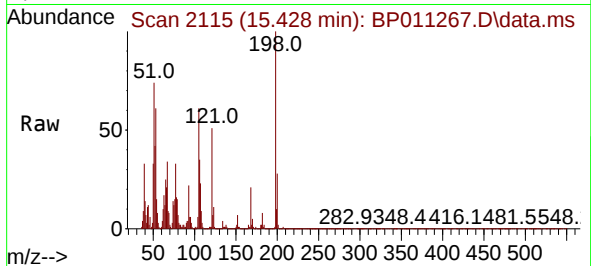




#66
4,6-Dinitro-2-methylphenol
Concen: 31.668 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

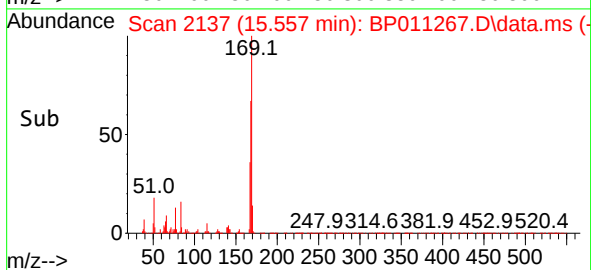
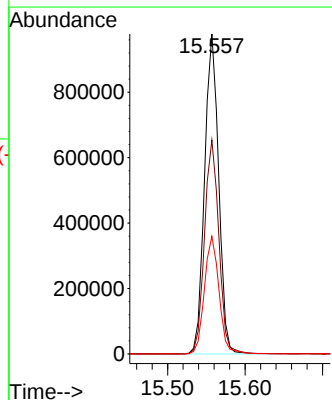
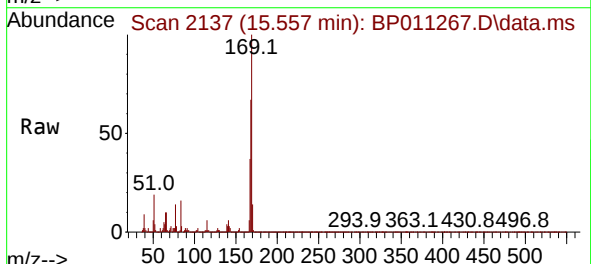
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

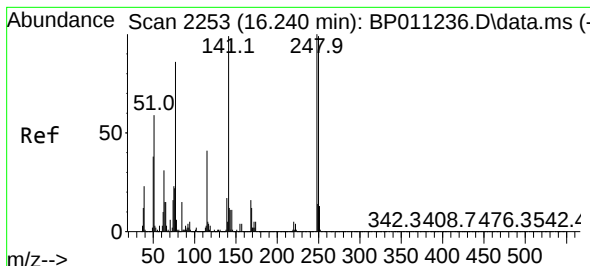
Tgt Ion:198 Resp: 190125
Ion Ratio Lower Upper
198 100
182 8.0 7.4 11.0
77 33.5 28.6 42.8



#67
N-Nitrosodiphenylamine
Concen: 33.771 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:169 Resp: 1234255
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.8 30.0 45.0

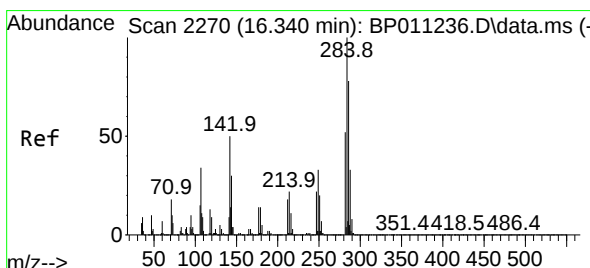
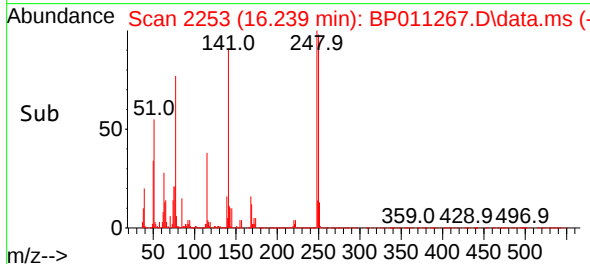
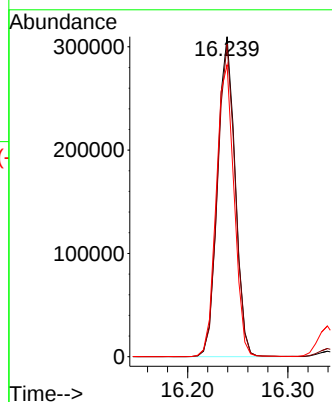
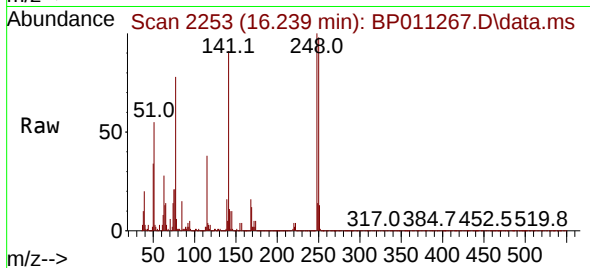




#68
4-Bromophenyl-phenylether
Concen: 33.518 ng/ul
RT: 16.239 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

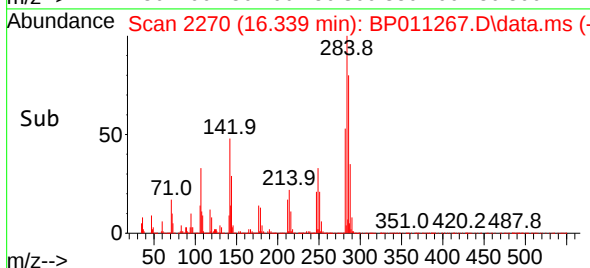
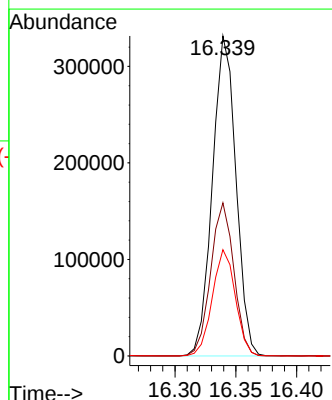
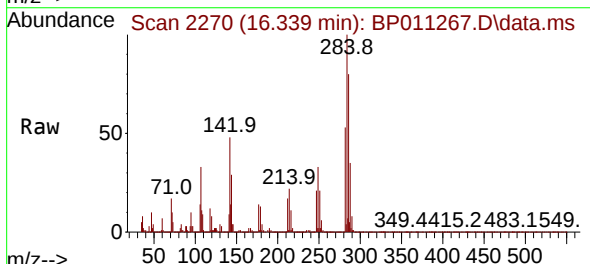
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

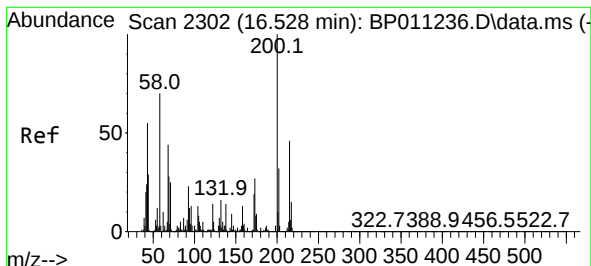
Tgt Ion:248 Resp: 378077
Ion Ratio Lower Upper
248 100
250 97.7 77.3 115.9
141 91.2 76.4 114.6



#69
Hexachlorobenzene
Concen: 33.863 ng/ul
RT: 16.339 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:284 Resp: 446175
Ion Ratio Lower Upper
284 100
142 47.8 39.5 59.3
249 33.2 25.1 37.7





#70

Atrazine

Concen: 30.459 ng/ul

RT: 16.533 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

EXF03MSD

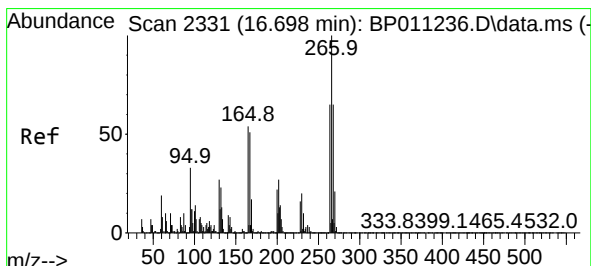
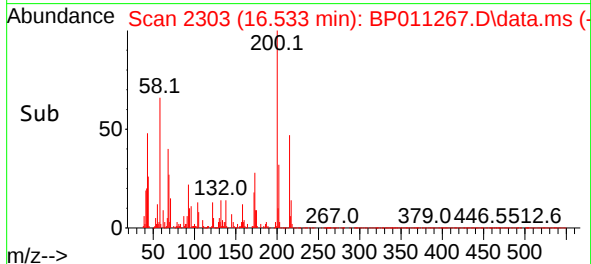
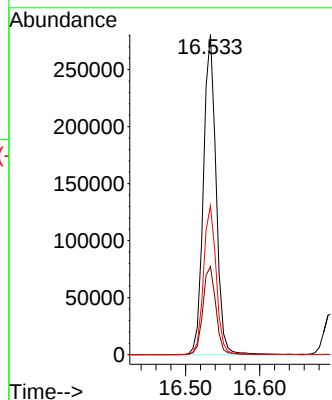
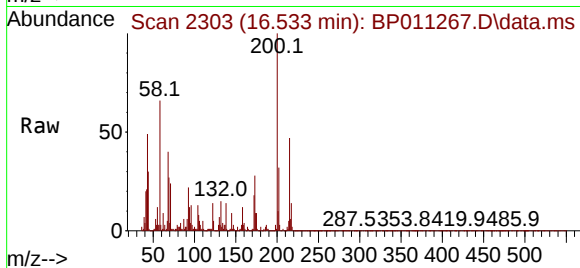
Tgt Ion:200 Resp: 333008

Ion Ratio Lower Upper

200 100

173 27.6 22.6 34.0

215 46.5 36.5 54.7



#71

Pentachlorophenol

Concen: 31.742 ng/ul

RT: 16.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

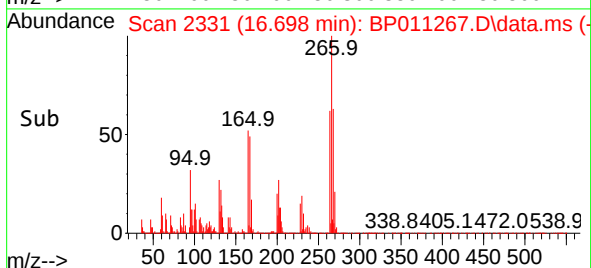
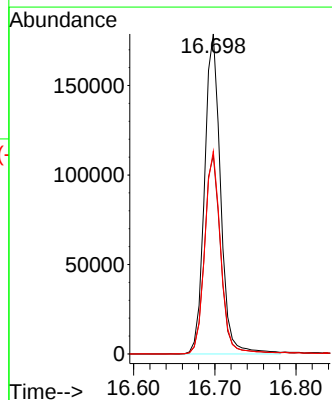
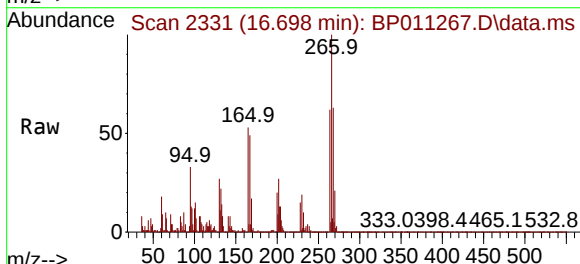
Tgt Ion:266 Resp: 244958

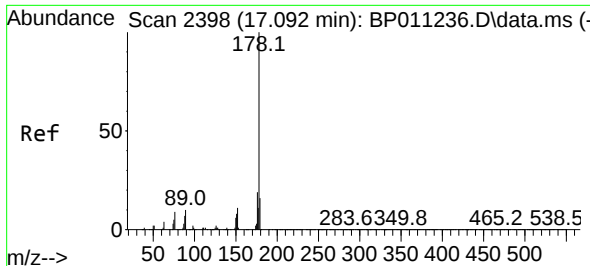
Ion Ratio Lower Upper

266 100

264 62.0 52.2 78.2

268 63.4 50.6 75.8

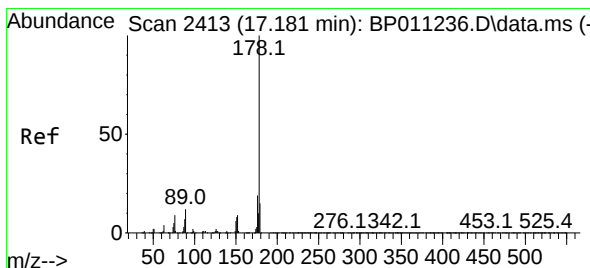
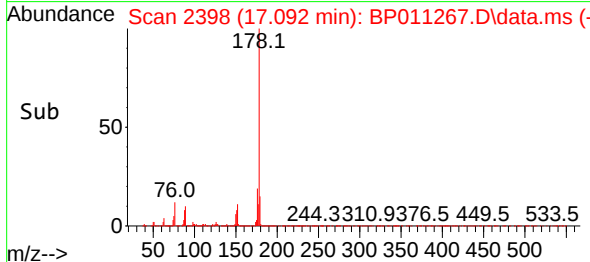
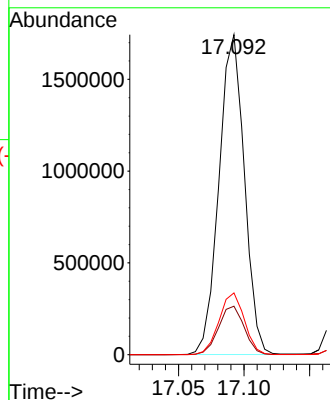
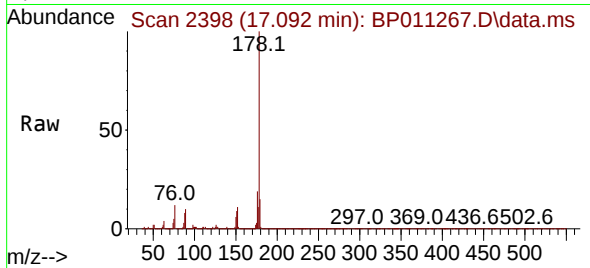




#72
Phenanthrene
Concen: 34.253 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

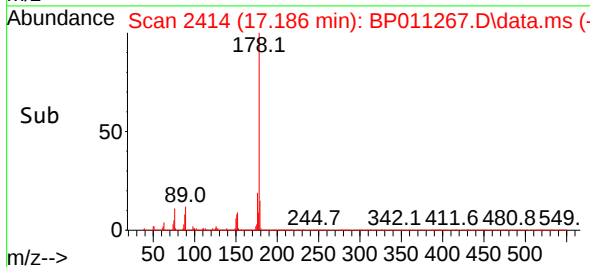
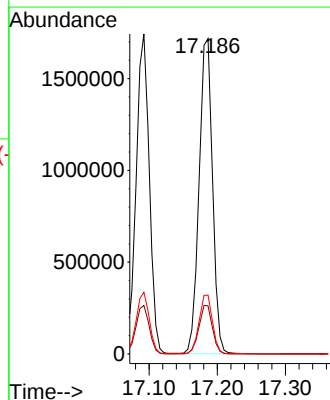
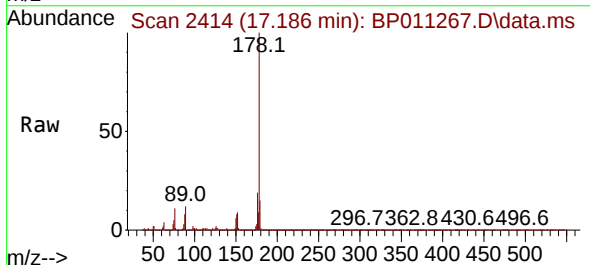
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

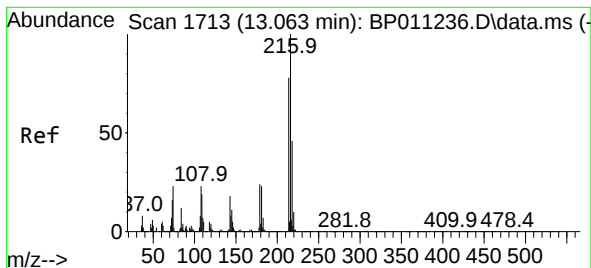
Tgt Ion:178 Resp: 2344922
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 19.3 15.4 23.2



#74
Anthracene
Concen: 34.528 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:178 Resp: 2350783
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.7 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.124 ng/uL

RT: 13.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

EXF03MSD

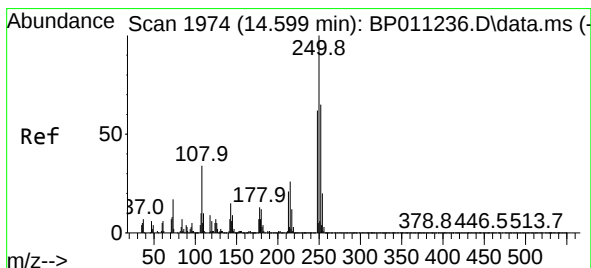
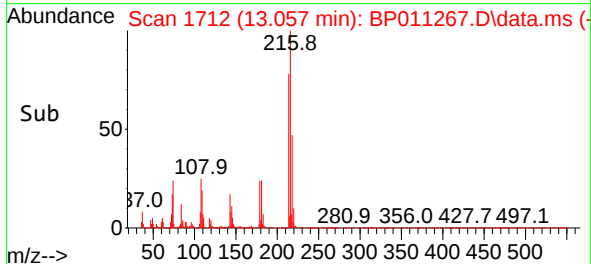
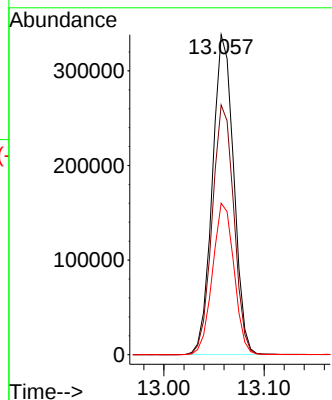
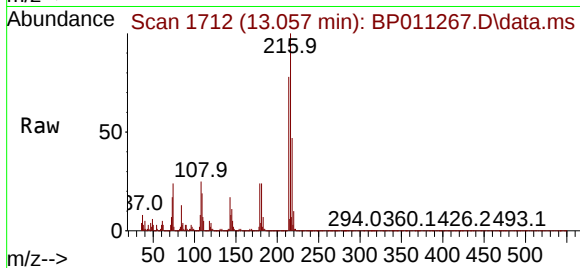
Tgt Ion:216 Resp: 499884

Ion Ratio Lower Upper

216 100

214 78.1 62.0 93.0

218 47.4 38.2 57.4



#76

Pentachlorobenzene

Concen: 30.835 ng/uL

RT: 14.592 min Scan# 1973

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

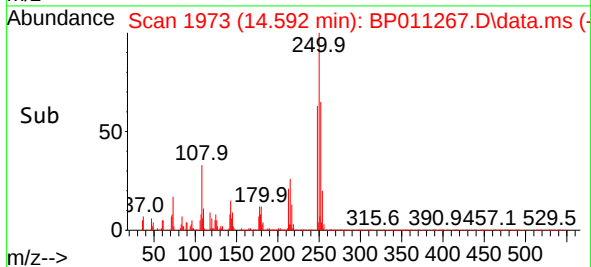
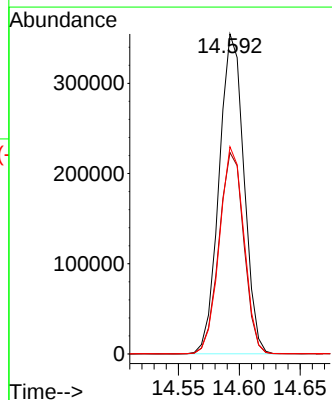
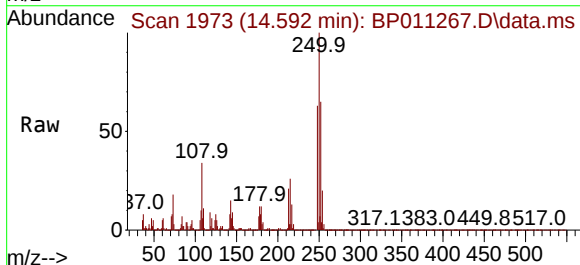
Tgt Ion:250 Resp: 502981

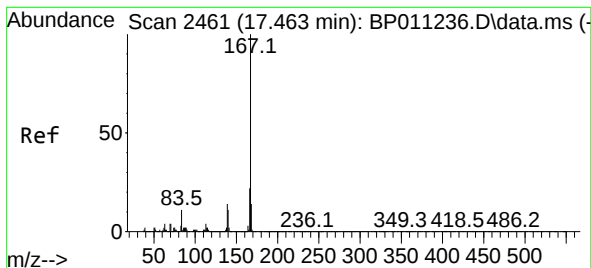
Ion Ratio Lower Upper

250 100

248 62.9 49.2 73.8

252 64.7 50.8 76.2





#77

Carbazole

Concen: 35.737 ng/ul

RT: 17.463 min Scan# 2461

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

EXF03MSD

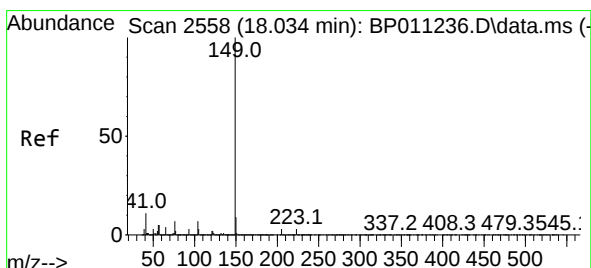
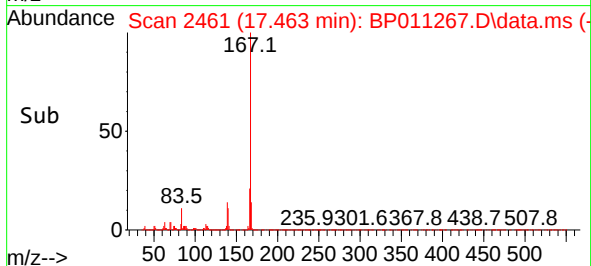
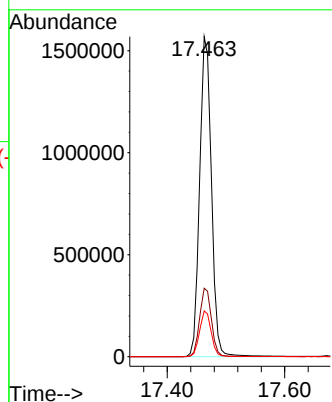
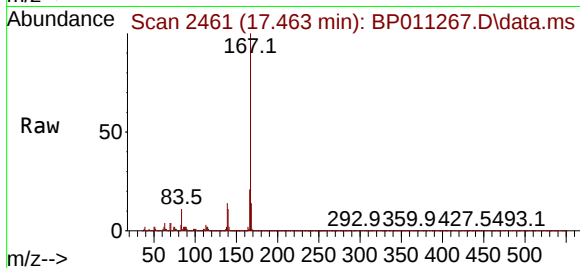
Tgt Ion:167 Resp: 2182165

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 14.3 11.5 17.3



#78

Di-n-butylphthalate

Concen: 32.457 ng/ul

RT: 18.033 min Scan# 2558

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

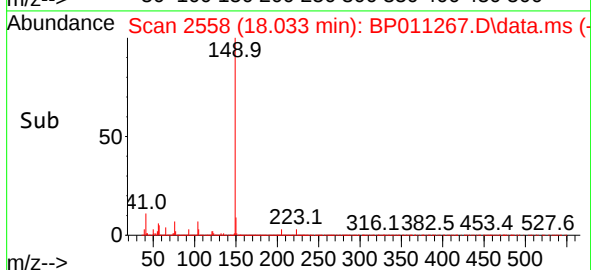
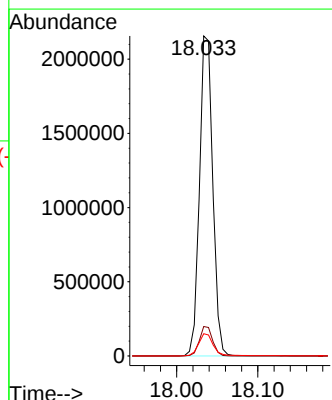
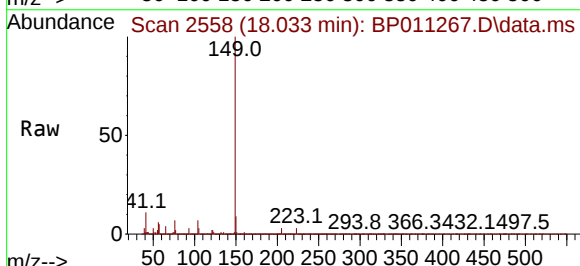
Tgt Ion:149 Resp: 2458457

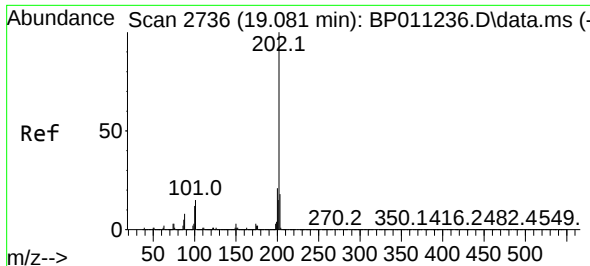
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.9 5.1 7.7

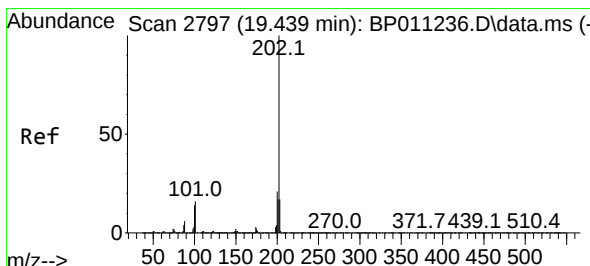
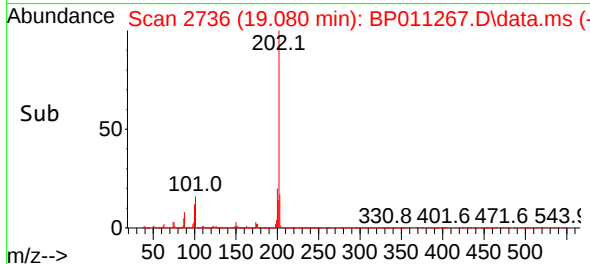
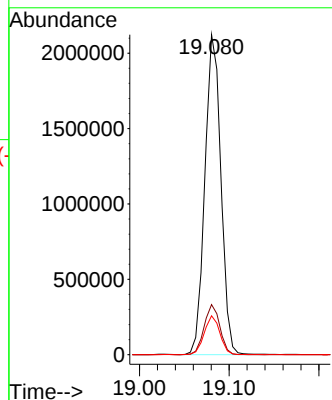
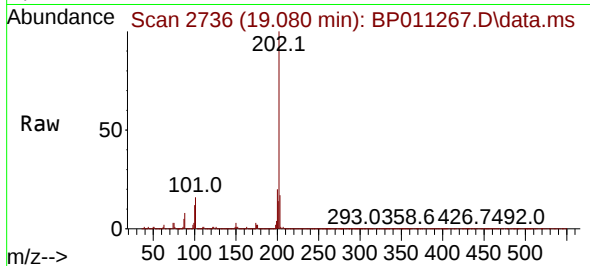




#80
Fluoranthene
Concen: 34.962 ng/ul
RT: 19.080 min Scan# 2736
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

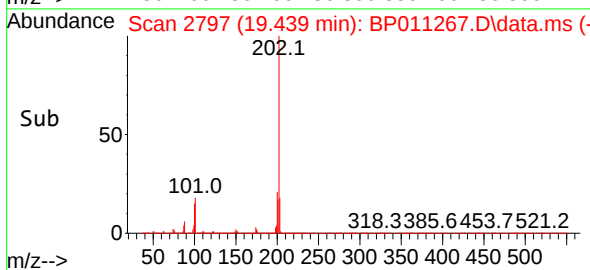
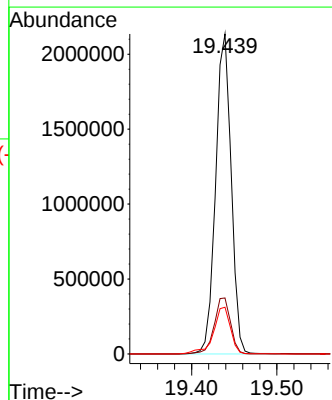
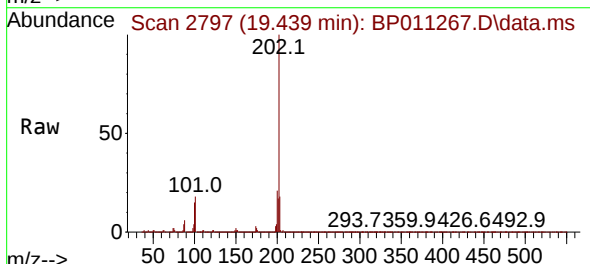
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

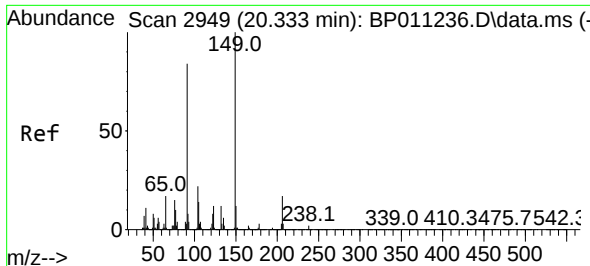
Tgt Ion:202 Resp: 2635275
Ion Ratio Lower Upper
202 100
101 15.6 11.9 17.9
100 12.2 9.3 13.9



#82
Pyrene
Concen: 34.507 ng/ul
RT: 19.439 min Scan# 2797
Delta R.T. 0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:202 Resp: 2714208
Ion Ratio Lower Upper
202 100
101 17.5 14.3 21.5
100 14.6 11.8 17.6

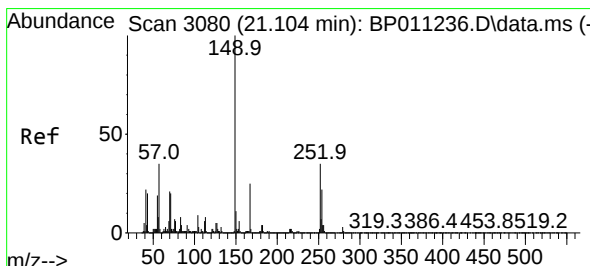
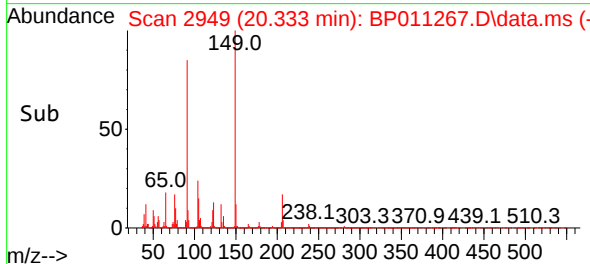
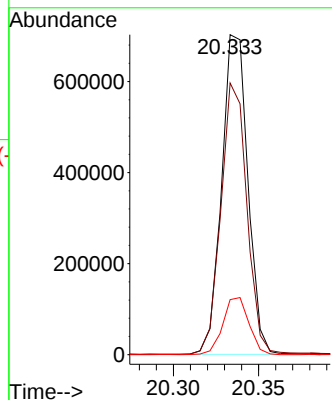
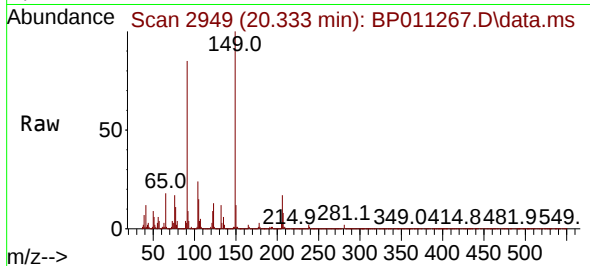




#83
Butylbenzylphthalate
Concen: 25.042 ng/ul
RT: 20.333 min Scan# 2949
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

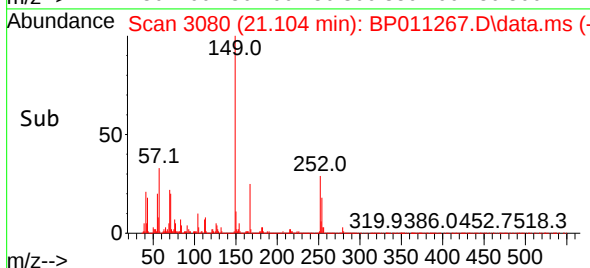
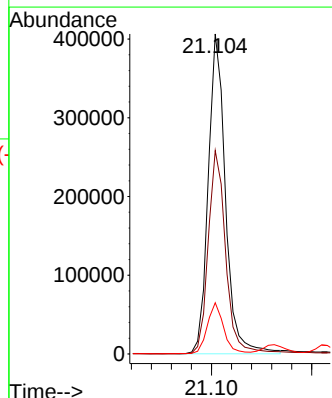
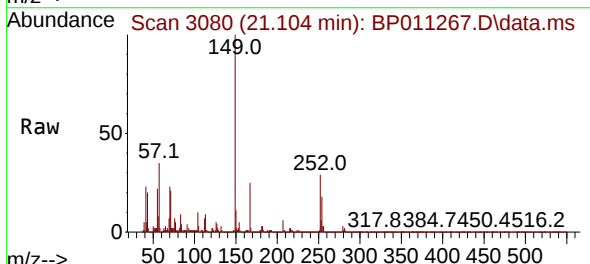
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

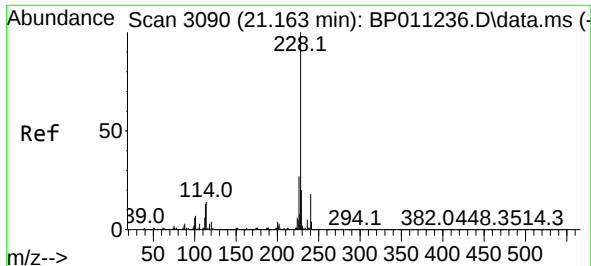
Tgt Ion:149 Resp: 752095
Ion Ratio Lower Upper
149 100
91 84.9 64.2 96.4
206 17.2 14.0 21.0



#84
3,3'-Dichlorobenzidine
Concen: 24.442 ng/ul
RT: 21.104 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:252 Resp: 487300
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 16.0 11.4 17.0

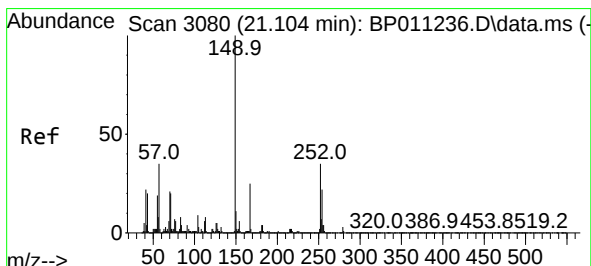
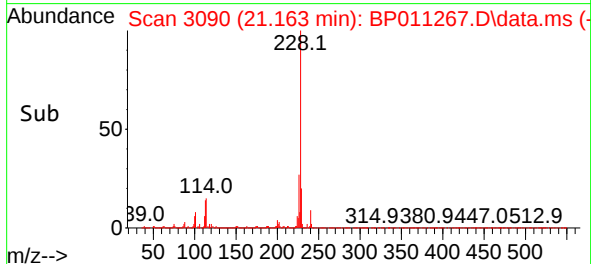
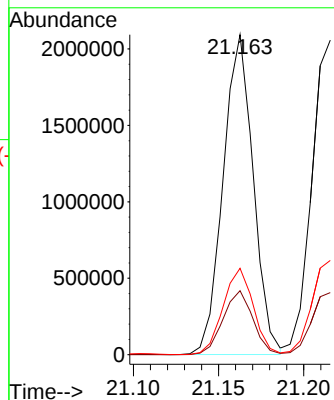
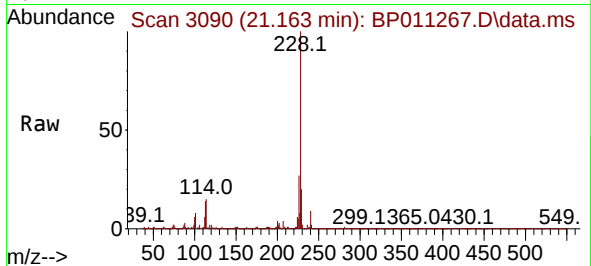




#85
Benzo(a)anthracene
Concen: 33.793 ng/ul
RT: 21.163 min Scan# 3090
Delta R.T. 0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

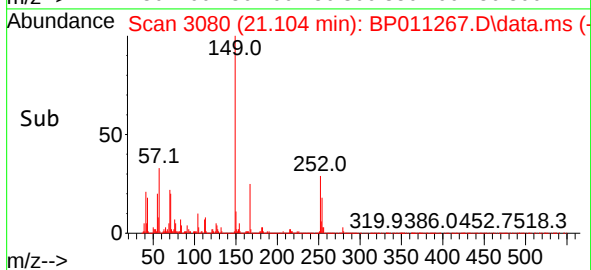
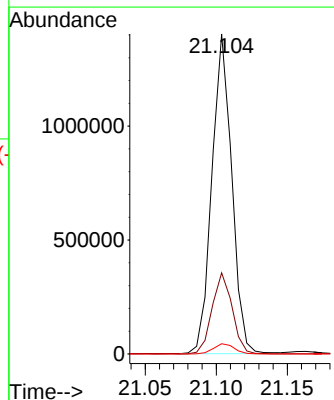
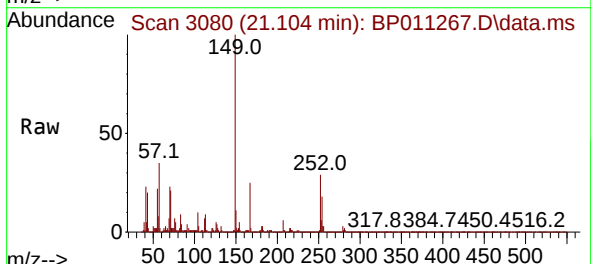
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

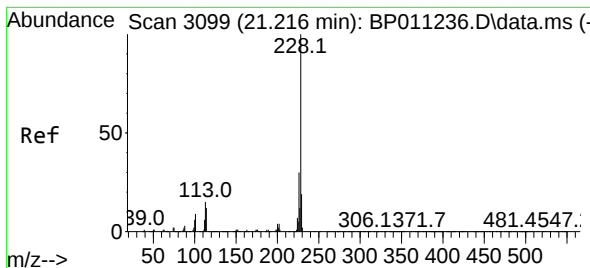
Tgt Ion:228 Resp: 2574547
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 27.0 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 26.537 ng/ul
RT: 21.104 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:149 Resp: 1361792
Ion Ratio Lower Upper
149 100
167 25.4 20.4 30.6
279 3.2 2.9 4.3





#87

Chrysene

Concen: 33.687 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

EXF03MSD

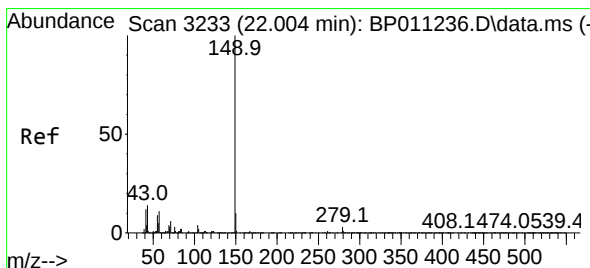
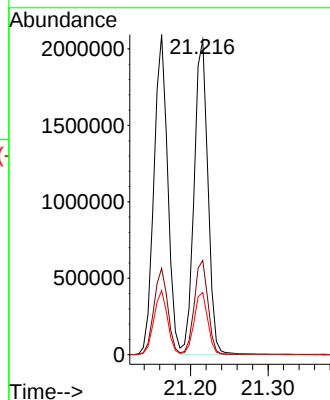
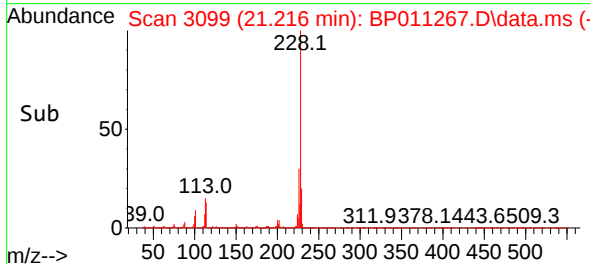
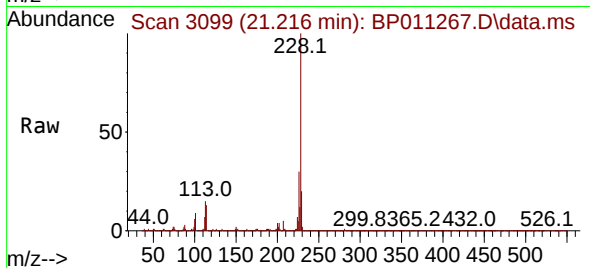
Tgt Ion:228 Resp: 2526143

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.7 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 29.631 ng/ul

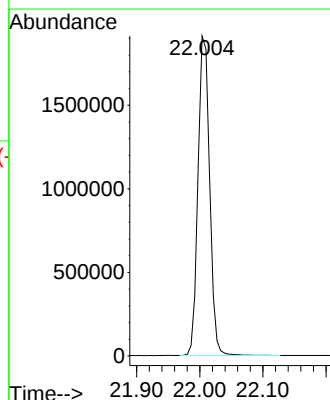
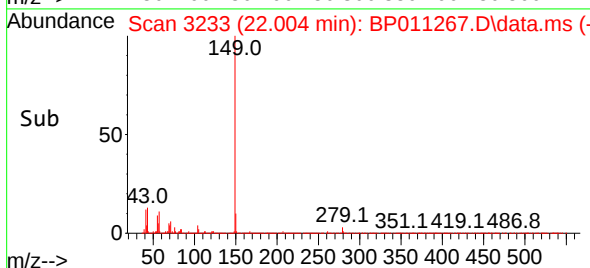
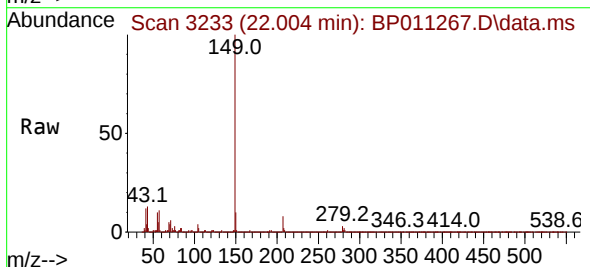
RT: 22.004 min Scan# 3233

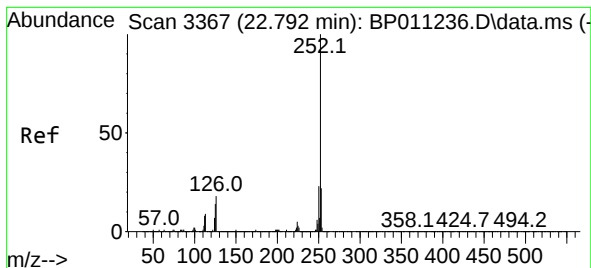
Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Tgt Ion:149 Resp: 2447108





#90

Benzo(b)fluoranthene

Concen: 35.317 ng/ul

RT: 22.792 min Scan# 3367

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

EXF03MSD

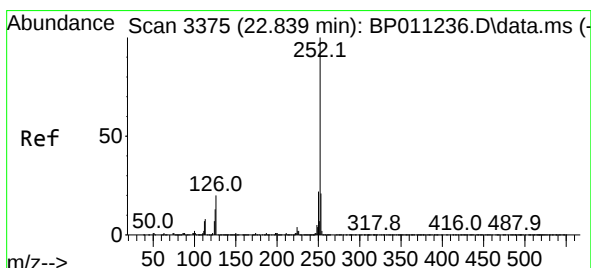
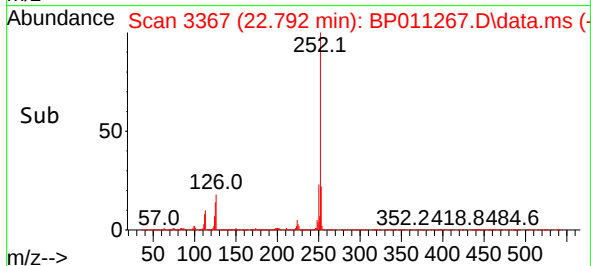
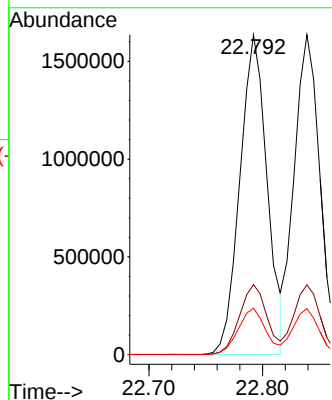
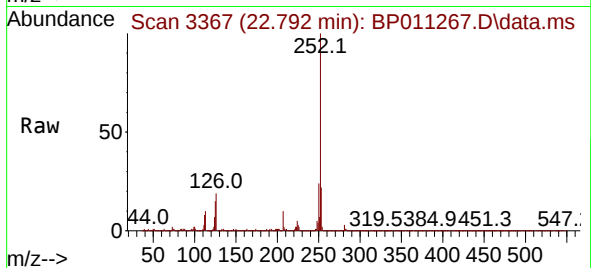
Tgt Ion:252 Resp: 2725234

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 14.5 10.8 16.2



#91

Benzo(k)fluoranthene

Concen: 35.581 ng/ul

RT: 22.839 min Scan# 3375

Delta R.T. -0.000 min

Lab File: BP011267.D

Acq: 04 Aug 2022 16:39

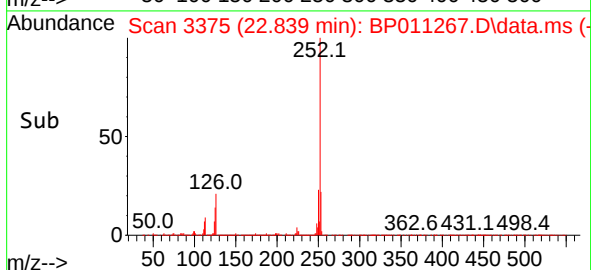
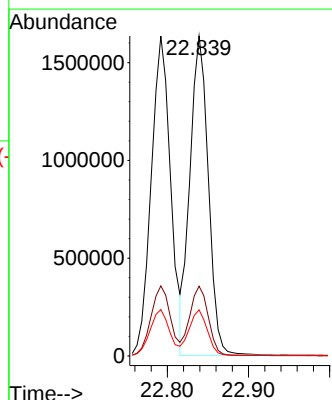
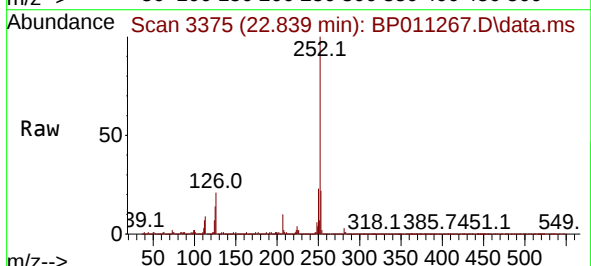
Tgt Ion:252 Resp: 2575935

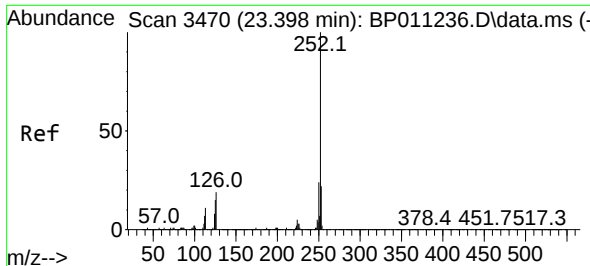
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 14.4 11.0 16.6

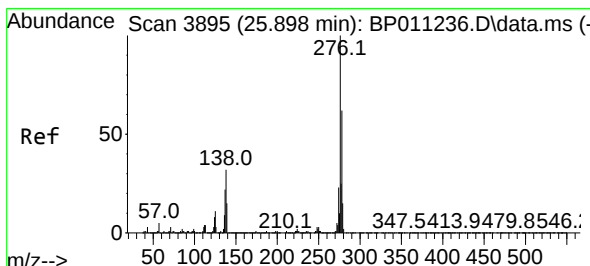
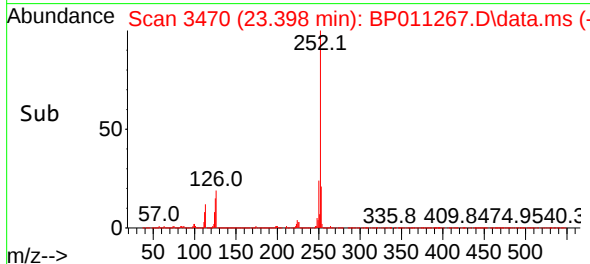
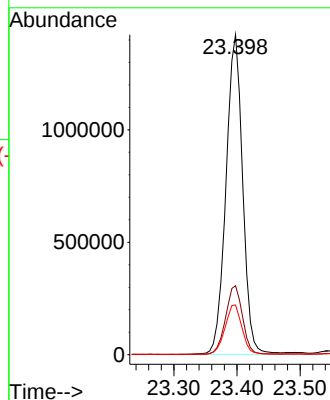
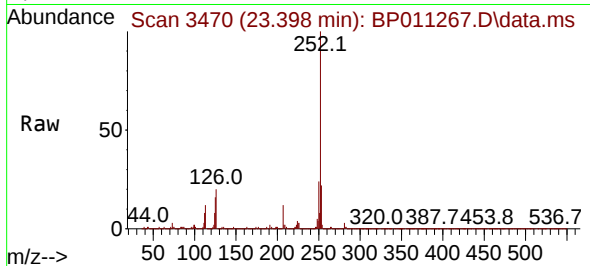




#93
Benzo(a)pyrene
Concen: 34.705 ng/ul
RT: 23.398 min Scan# 3470
Delta R.T. 0.006 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

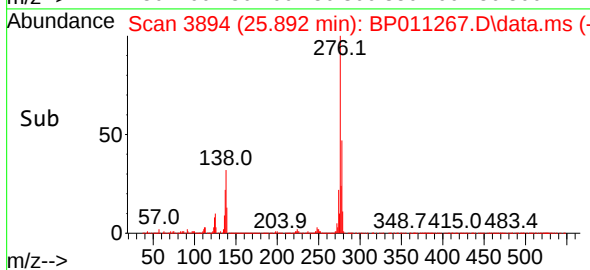
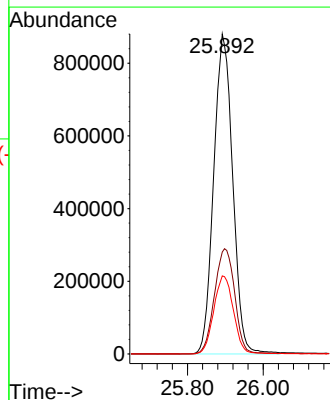
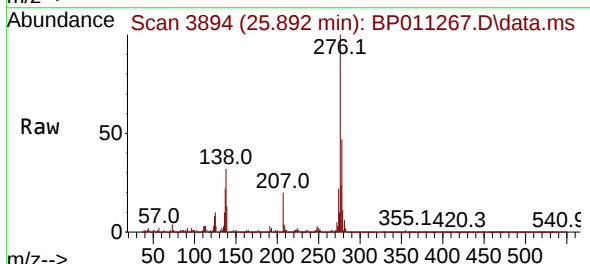
Instrument :
BNA_P
ClientSampleId :
EXF03MSD

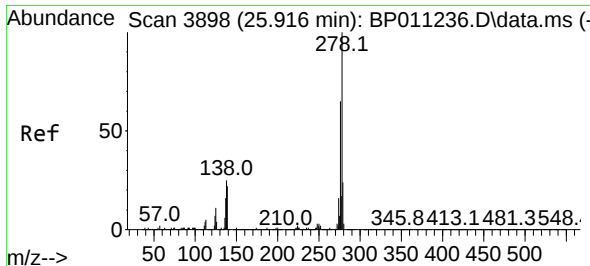
Tgt Ion:252 Resp: 2606936
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 15.6 12.5 18.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 34.181 ng/ul
RT: 25.892 min Scan# 3894
Delta R.T. -0.000 min
Lab File: BP011267.D
Acq: 04 Aug 2022 16:39

Tgt Ion:276 Resp: 3064208
Ion Ratio Lower Upper
276 100
138 31.9 25.5 38.3
277 24.4 19.8 29.8

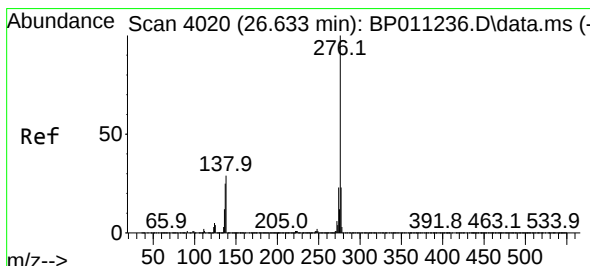
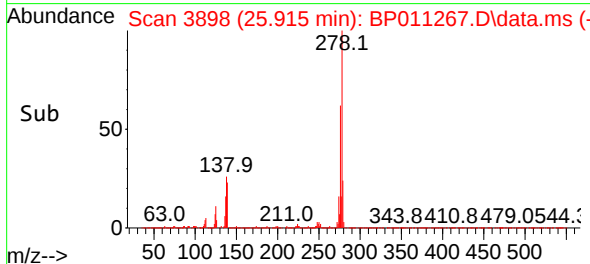
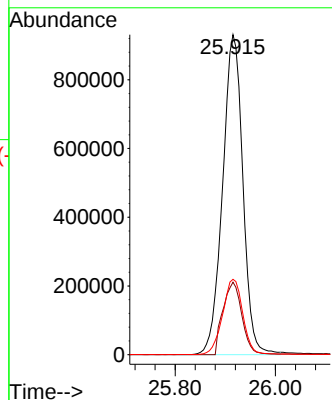
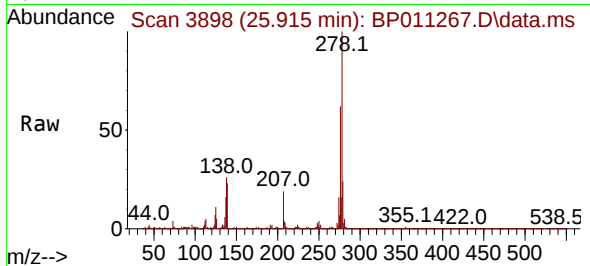




#95
 Dibenzo(a,h)anthracene
 Concen: 34.396 ng/ul
 RT: 25.915 min Scan# 3898
 Delta R.T. 0.006 min
 Lab File: BP011267.D
 Acq: 04 Aug 2022 16:39

Instrument :
 BNA_P
 ClientSampleId :
 EXF03MSD

Tgt Ion:278 Resp: 2614755
 Ion Ratio Lower Upper
 278 100
 139 22.7 18.5 27.7
 279 23.6 19.6 29.4



#96
 Benzo(g,h,i)perylene
 Concen: 33.876 ng/ul
 RT: 26.633 min Scan# 4020
 Delta R.T. 0.006 min
 Lab File: BP011267.D
 Acq: 04 Aug 2022 16:39

Tgt Ion:276 Resp: 2602399
 Ion Ratio Lower Upper
 276 100
 138 29.7 22.8 34.2
 277 23.2 18.5 27.7

