

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110222\
 Data File : BP012481.D
 Acq On : 03 Nov 2022 09:09
 Operator : CG/JU
 Sample : N5321-22MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 03 22:59:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 03 00:09:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	325488	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1500192	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	987270	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	2144402	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1946601	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1780099	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	27965	3.459	ng/uL	0.00
4) Pyridine-d5	3.658	84	170256	7.332	ng/u1	0.00
7) Phenol-d5	6.958	99	196850	6.743	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	509158	29.215	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	525072	24.629	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	364256	15.776	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	370568	38.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	397249	39.341	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	681528	31.144	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	683558	20.979	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	2457197	36.358	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	2591772	33.557	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	105749	8.267	ng/u1	0.00
60) Fluorene-d10	15.434	176	2033495	35.143	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	461458	41.332	ng/u1	0.00
73) Anthracene-d10	17.298	188	3333388	36.077	ng/u1	0.00
81) Pyrene-d10	19.539	212	3963971	40.559	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	3330639	38.293	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	36538	4.252	ng/uL	96
5) Pyridine	3.675	79	189268	8.294	ng/u1	96
6) Benzaldehyde	6.928	77	512070	37.191	ng/u1	98
8) Phenol	6.987	94	218245	7.190	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.211	93	707237	29.030	ng/u1	99
12) 2-Chlorophenol	7.346	128	543335	23.412	ng/u1	100
13) 2-Methylphenol	8.234	108	416960	17.862	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	888243	27.187	ng/u1	100
16) Acetophenone	8.616	105	1122435	31.299	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	553308	32.049	ng/u1	98
18) 4-Methylphenol	8.569	108	398953	15.637	ng/u1	99
19) Hexachloroethane	8.852	117	234134	26.231	ng/u1	97
22) Nitrobenzene	8.993	77	833826	32.851	ng/u1	98
23) Isophorone	9.522	82	1671679	31.473	ng/u1	99
25) 2-Nitrophenol	9.705	139	428269	35.372	ng/u1	98
26) 2,4-Dimethylphenol	9.769	107	644909	24.258	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.005	93	1010794	29.738	ng/u1	100
29) 2,4-Dichlorophenol	10.240	162	669208	29.459	ng/u1	99
30) Naphthalene	10.634	128	2262852	28.461	ng/u1	100
32) 4-Chloroaniline	10.757	127	660361	19.697	ng/u1	99
33) Hexachlorobutadiene	10.904	225	388384	27.480	ng/u1	99
34) Caprolactam	11.575	113	33286	4.306	ng/u1	94
35) 4-Chloro-3-methylphenol	11.887	107	725338	29.059	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	1618464	29.692	ng/u1	99

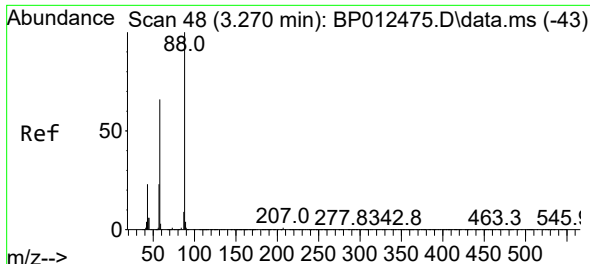
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	1635767	30.049	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	865703	29.853	ng/ul	100
40) Hexachlorocyclopentadiene	12.587	237	296384	22.091	ng/ul	98
41) 2,4,6-Trichlorophenol	12.863	196	629276	33.948	ng/ul	100
42) 2,4,5-Trichlorophenol	12.940	196	706380	34.939	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	2217591	30.547	ng/ul	100
44) 2-Chloronaphthalene	13.310	162	1744981	30.589	ng/ul	99
45) 2-Nitroaniline	13.528	65	581018	43.944	ng/ul	99
47) Dimethylphthalate	13.904	163	2470311	34.692	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	545046	46.100	ng/ul	99
50) Acenaphthylene	14.157	152	2779892	32.095	ng/ul	99
51) 3-Nitroaniline	14.363	138	529004	36.541	ng/ul	99
52) Acenaphthene	14.498	153	1927086	31.659	ng/ul	100
53) 2,4-Dinitrophenol	14.575	184	302514	37.888	ng/ul	98
55) 4-Nitrophenol	14.681	109	80273	8.294	ng/ul	87
56) Dibenzofuran	14.840	168	2704443	32.544	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	777117	43.638	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	639447	37.264	ng/ul	98
59) Diethylphthalate	15.269	149	2564553	37.014	ng/ul	99
61) Fluorene	15.492	166	2189121	33.155	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.487	204	1079260	33.324	ng/ul	100
63) 4-Nitroaniline	15.534	138	542388	41.469	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.587	198	457897	38.493	ng/ul	100
67) N-Nitrosodiphenylamine	15.704	169	1978214	32.754	ng/ul	100
68) 4-Bromophenyl-phenylether	16.387	248	781127	36.265	ng/ul	98
69) Hexachlorobenzene	16.492	284	941472	36.444	ng/ul	98
70) Atrazine	16.669	200	629164	30.071	ng/ul	99
71) Pentachlorophenol	16.845	266	570299	35.946	ng/ul	99
72) Phenanthrene	17.239	178	3877663	34.229	ng/ul	100
74) Anthracene	17.334	178	3824095	33.979	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.228	216	928573	30.271	ng/ul	100
76) Pentachlorobenzene	14.751	250	985063	30.410	ng/ul	100
77) Carbazole	17.610	167	3630672	36.221	ng/ul	99
78) Di-n-butylphthalate	18.157	149	4605463	39.548	ng/ul	100
80) Fluoranthene	19.216	202	4719959	39.116	ng/ul	97
82) Pyrene	19.569	202	4710853	37.692	ng/ul	96
83) Butylbenzylphthalate	20.445	149	2201330	47.242	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.216	252	1071858	25.348	ng/ul	99
85) Benzo(a)anthracene	21.280	228	4413054	35.535	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	3142620	44.106	ng/ul	100
87) Chrysene	21.333	228	4184122	36.040	ng/ul	99
89) Di-n-octyl phthalate	22.116	149	5171844	48.709	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	4249730	37.702	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	4110599	38.265	ng/ul	99
93) Benzo(a)pyrene	23.574	252	3567814	36.245	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.157	276	4247525	34.629	ng/ul	97
95) Dibenzo(a,h)anthracene	26.168	278	3659244	33.318	ng/ul	98
96) Benzo(g,h,i)perylene	26.915	276	3568466	32.911	ng/ul	99

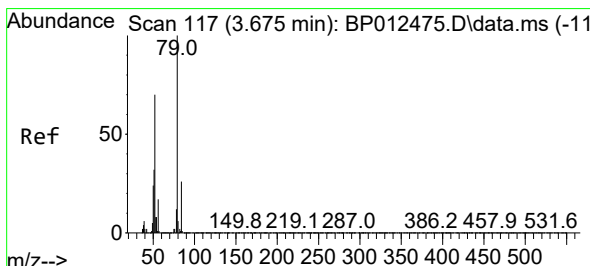
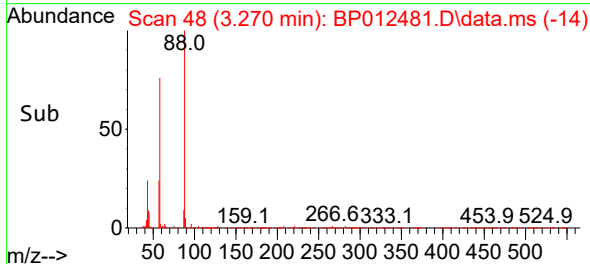
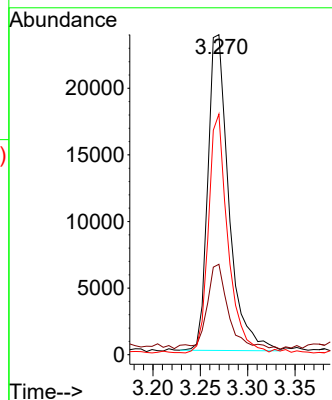
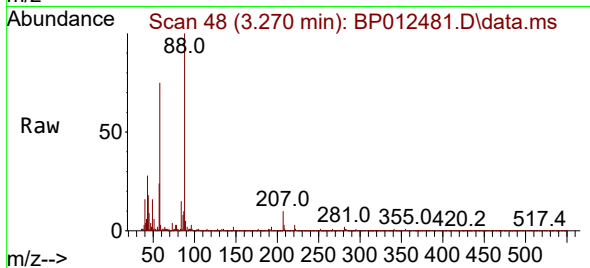
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#2
 1,4-Dioxane
 Concen: 4.252 ng/uL
 RT: 3.270 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: BP012481.D
 Acq: 03 Nov 2022 09:09

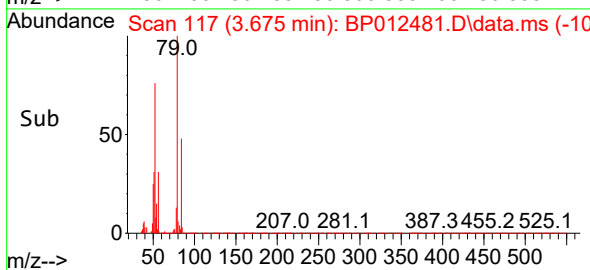
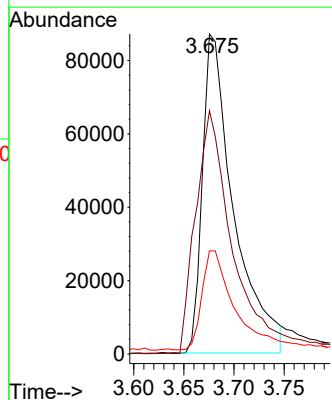
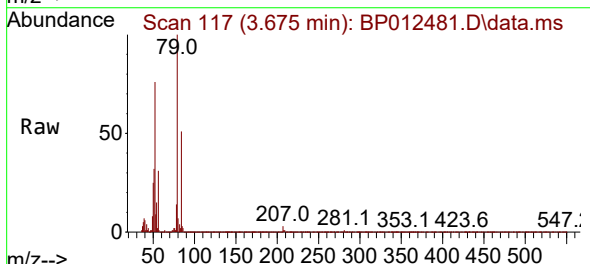
Instrument :
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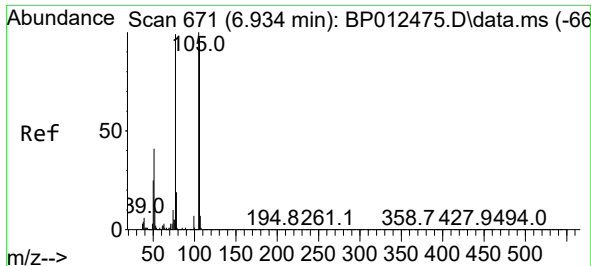
Tgt Ion: 88	Resp: 36538
Ion Ratio	Lower Upper
88	100
43	28.2 20.6 31.0
58	75.2 58.0 87.0



#5
 Pyridine
 Concen: 8.294 ng/uL
 RT: 3.675 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: BP012481.D
 Acq: 03 Nov 2022 09:09

Tgt Ion: 79	Resp: 189268
Ion Ratio	Lower Upper
79	100
52	76.0 57.4 86.0
51	32.2 25.7 38.5

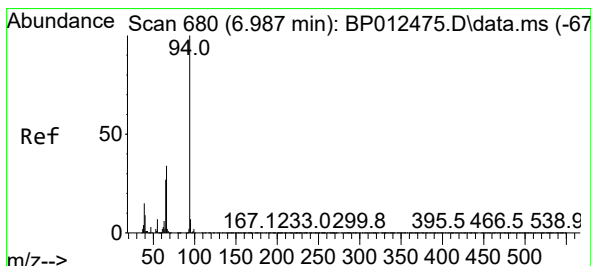
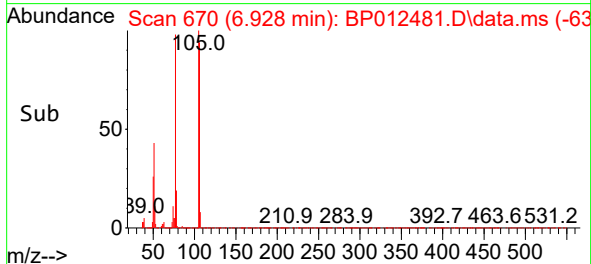
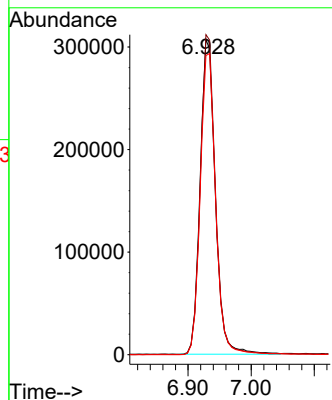
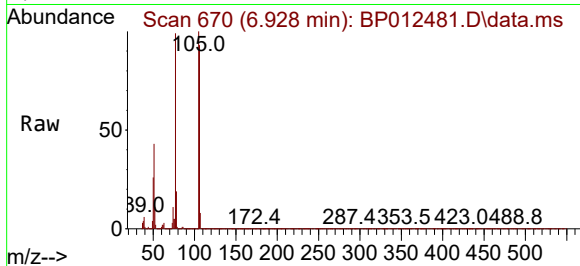




#6
Benzaldehyde
Concen: 37.191 ng/ul
RT: 6.928 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

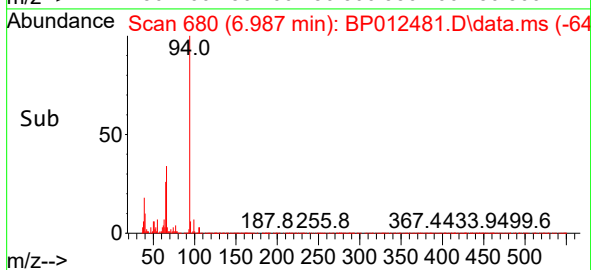
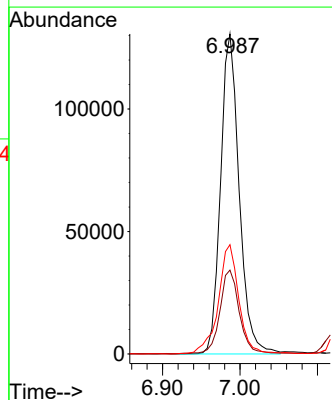
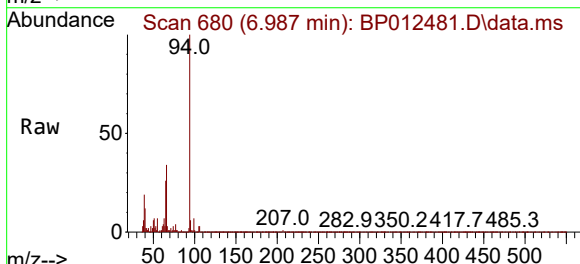
Instrument :
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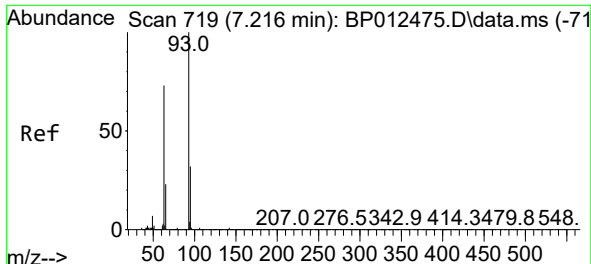
Tgt Ion: 77 Resp: 512070
Ion Ratio Lower Upper
77 100
105 101.5 81.0 121.6
106 94.9 79.2 118.8



#8
Phenol
Concen: 7.190 ng/ul
RT: 6.987 min Scan# 680
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion: 94 Resp: 218245
Ion Ratio Lower Upper
94 100
65 26.2 20.8 31.2
66 34.1 26.2 39.2

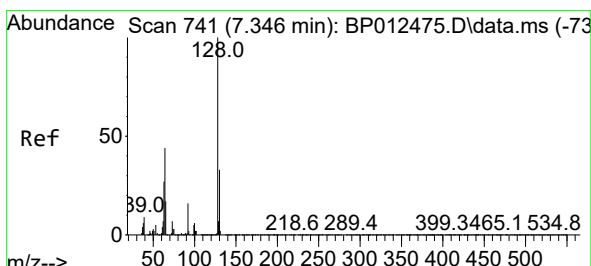
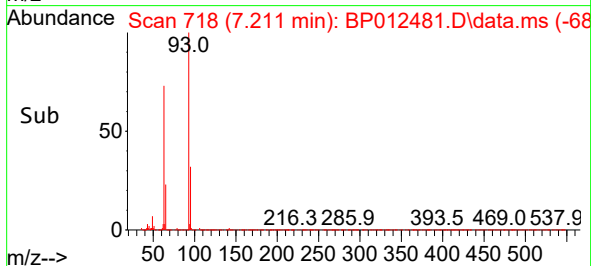
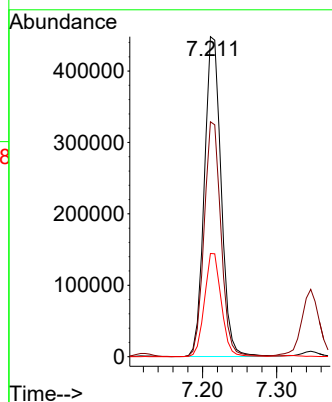
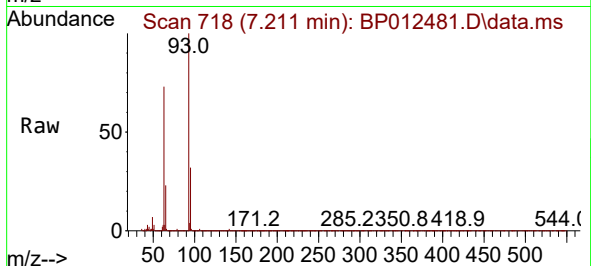




#10
Bis(2-Chloroethyl)ether
Concen: 29.030 ng/ul
RT: 7.211 min Scan# 719
Delta R.T. -0.011 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

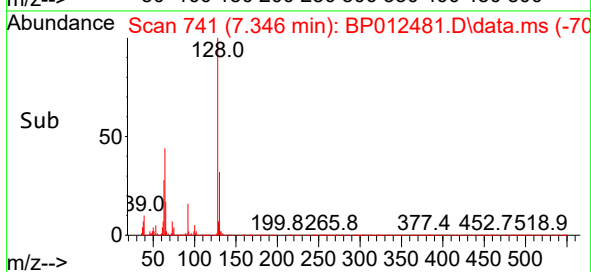
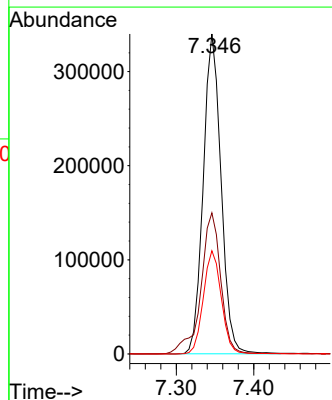
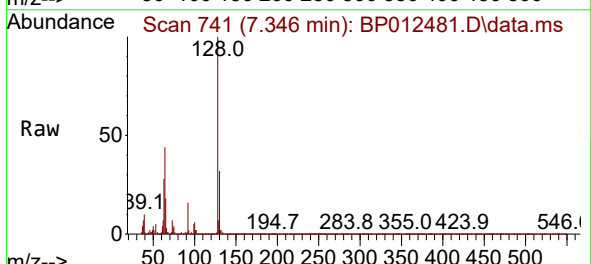
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ClientSampleId :

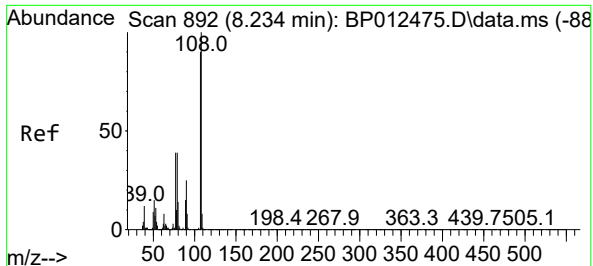
Tgt Ion: 93 Resp: 707237
Ion Ratio Lower Upper
93 100
63 73.4 59.9 89.9
95 32.3 25.7 38.5



#12
2-Chlorophenol
Concen: 23.412 ng/ul
RT: 7.346 min Scan# 741
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:128 Resp: 543335
Ion Ratio Lower Upper
128 100
64 44.1 35.1 52.7
130 32.2 25.8 38.6





#13

2-Methylphenol

Concen: 17.862 ng/ul

RT: 8.234 min Scan# 892

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

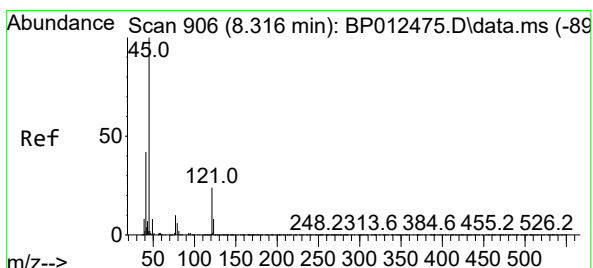
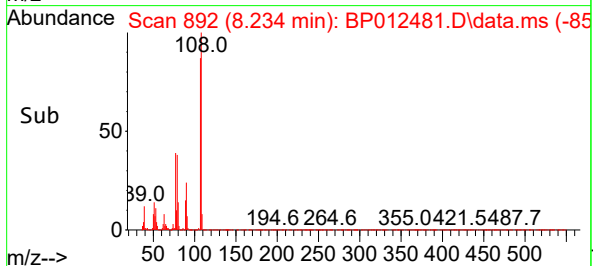
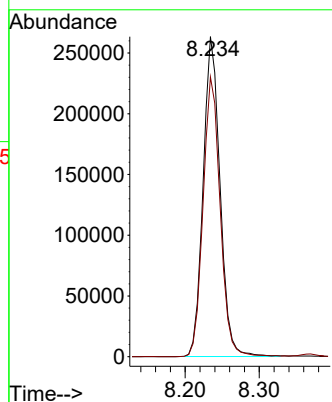
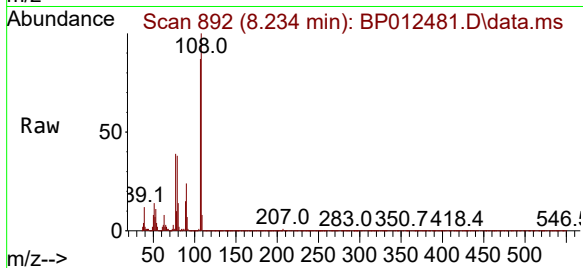
ClientSampleId :

Tgt Ion:108 Resp: 416960

Ion Ratio Lower Upper

108 100

107 87.4 70.8 106.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.187 ng/ul

RT: 8.316 min Scan# 906

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

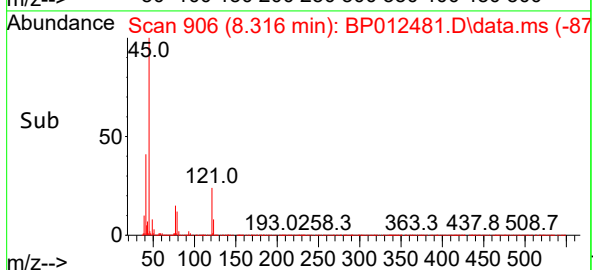
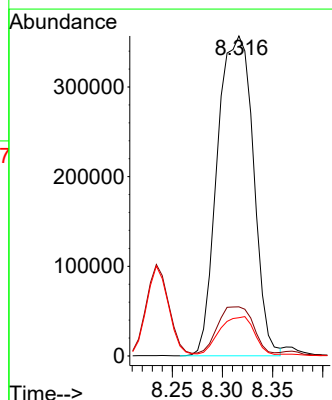
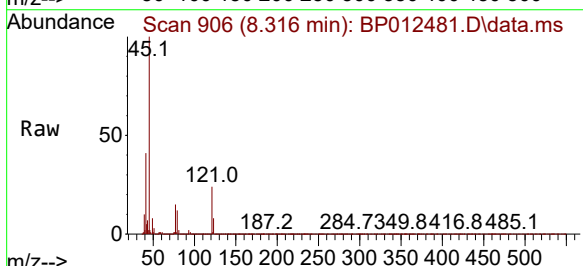
Tgt Ion: 45 Resp: 888243

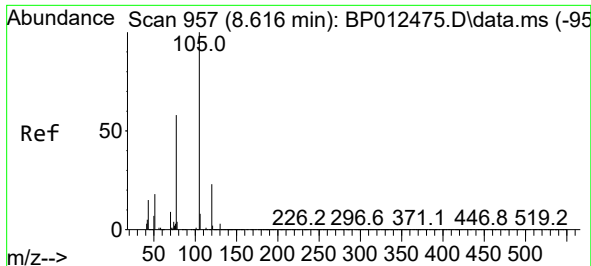
Ion Ratio Lower Upper

45 100

77 15.3 12.1 18.1

79 12.0 9.7 14.5

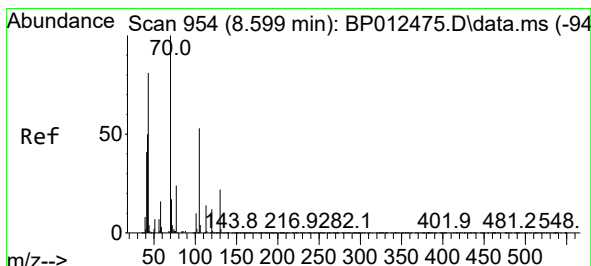
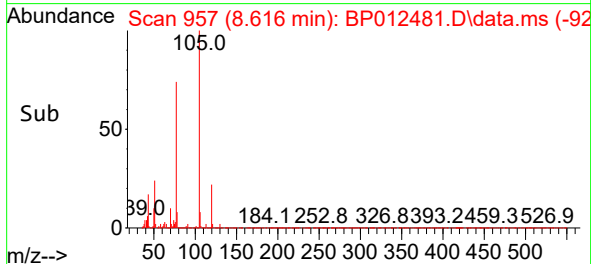
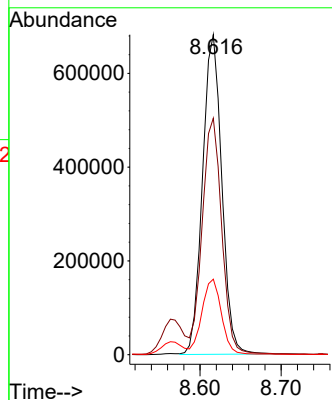
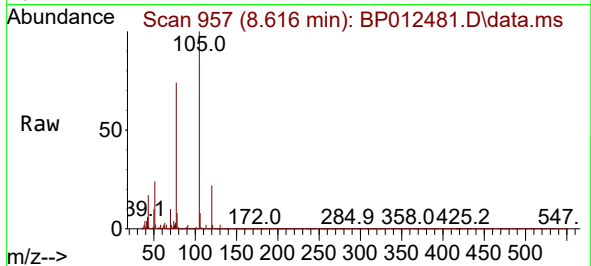




#16
Acetophenone
Concen: 31.299 ng/ul
RT: 8.616 min Scan# 911
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

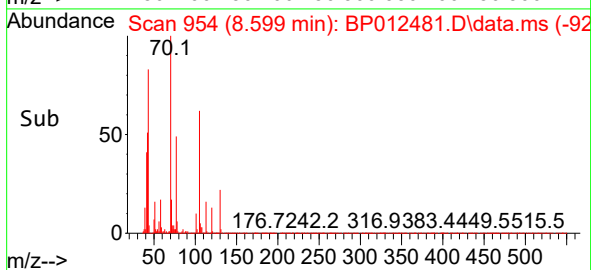
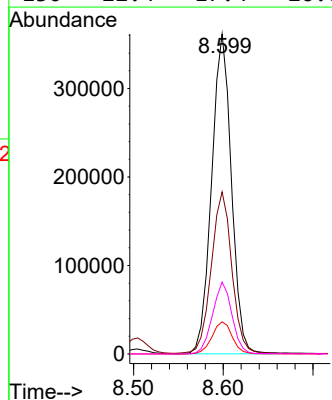
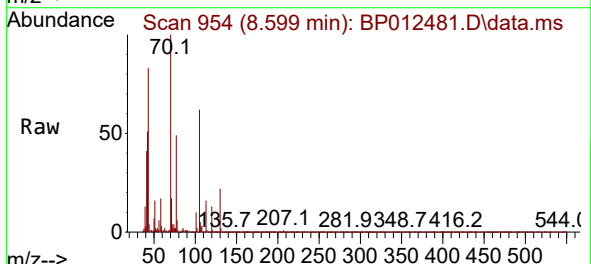
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ClientSampleId :

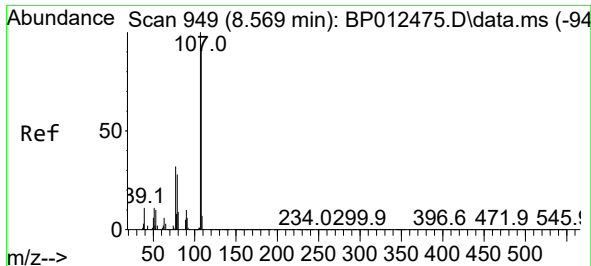
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Ion Ratio Lower Upper
105 100
77 73.9 60.3 90.5
51 23.6 19.9 29.9



#17
N-Nitroso-di-n-propylamine
Concen: 32.049 ng/ul
RT: 8.599 min Scan# 954
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion: 70 Resp: 553308
Ion Ratio Lower Upper
70 100
42 50.7 41.7 62.5
101 10.1 7.8 11.8
130 22.4 17.4 26.0

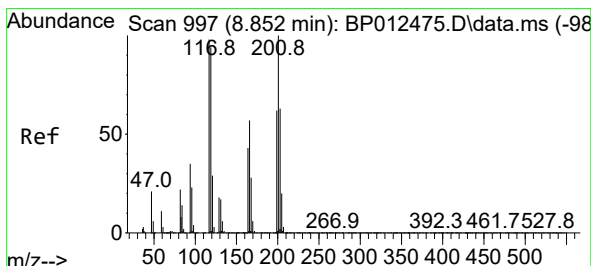
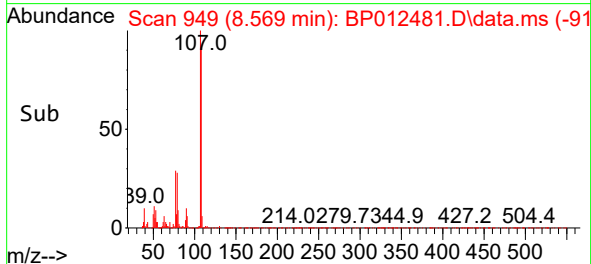
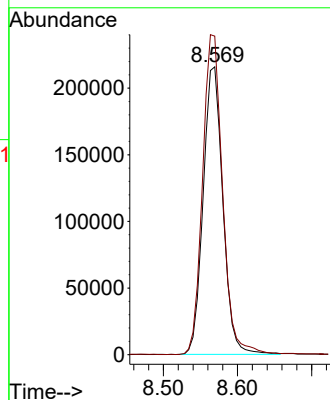
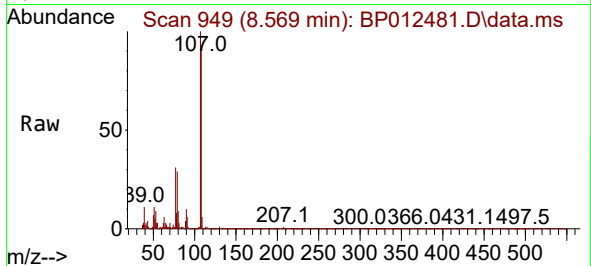




#18
4-Methylphenol
Concen: 15.637 ng/ul
RT: 8.569 min Scan# 949
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

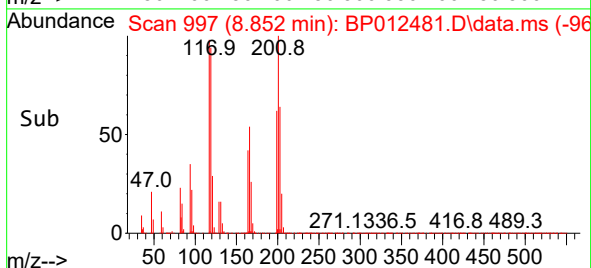
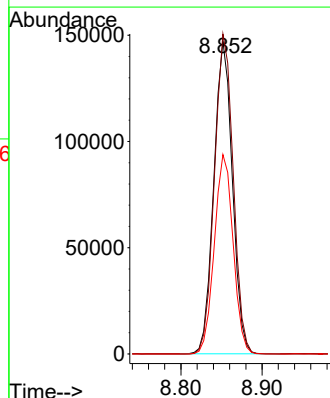
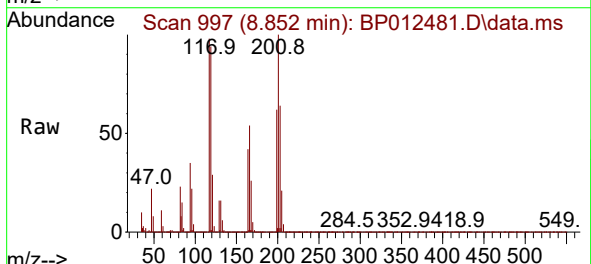
Instrument :
BNA_P
ClientSampleId :

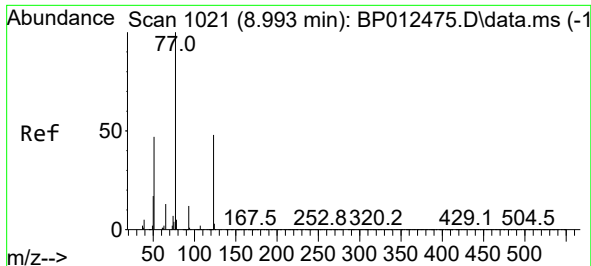
Tgt Ion:108 Resp: 398953
Ion Ratio Lower Upper
108 100
107 110.7 89.1 133.7



#19
Hexachloroethane
Concen: 26.231 ng/ul
RT: 8.852 min Scan# 997
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:117 Resp: 234134
Ion Ratio Lower Upper
117 100
201 102.3 78.5 117.7
199 63.8 49.9 74.9

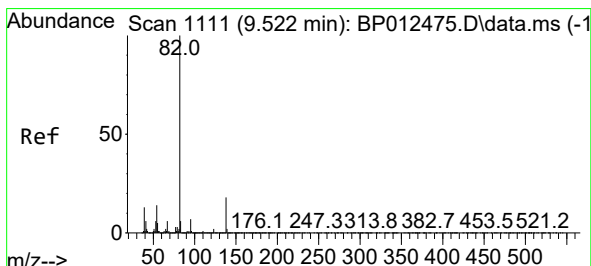
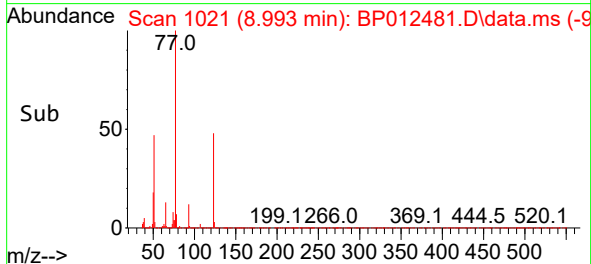
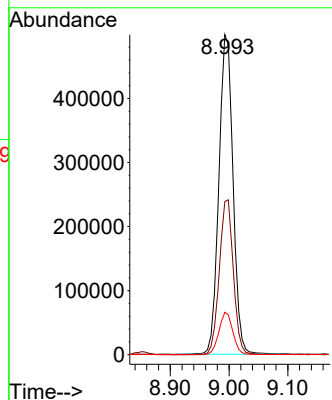
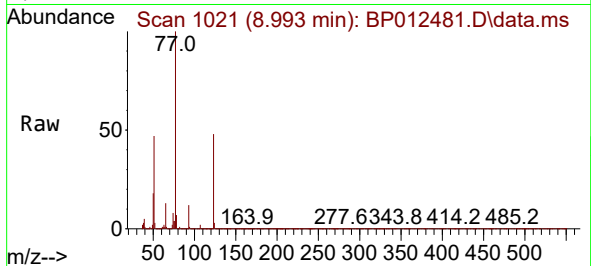




#22
Nitrobenzene
Concen: 32.851 ng/ul
RT: 8.993 min Scan# 1021
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

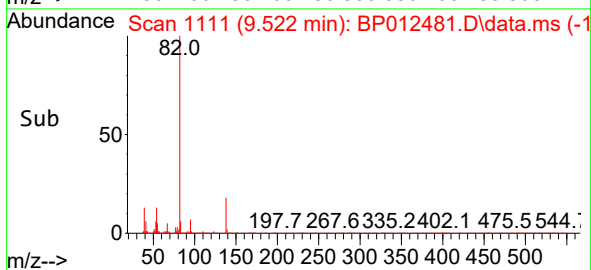
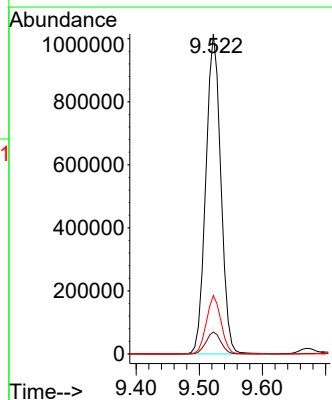
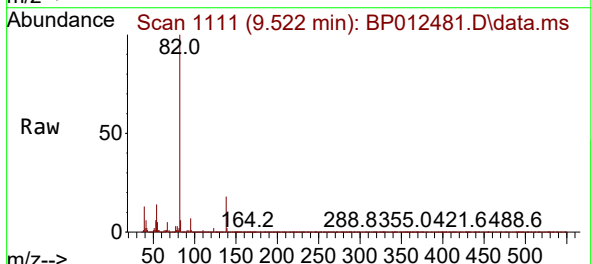
Instrument :
BNA_P
ClientSampleId :

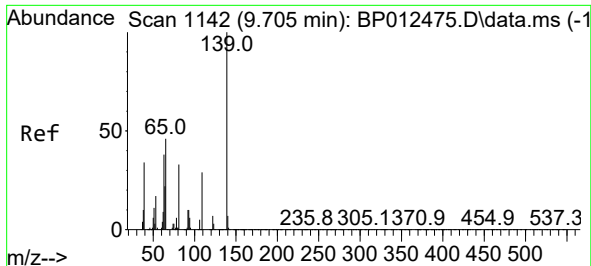
Tgt Ion: 77 Resp: 833826
Ion Ratio Lower Upper
77 100
123 47.9 37.4 56.2
65 13.2 10.2 15.2



#23
Isophorone
Concen: 31.473 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion: 82 Resp: 1671679
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.2 14.2 21.2

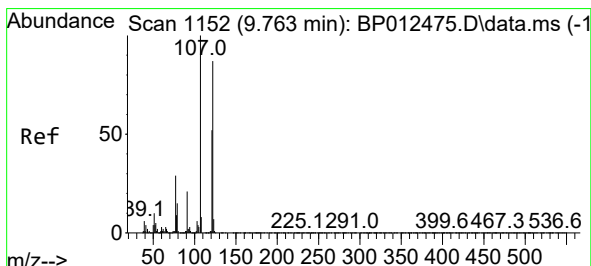
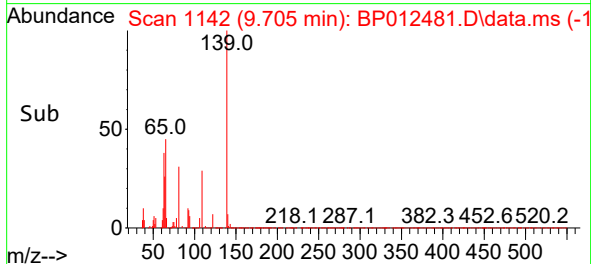
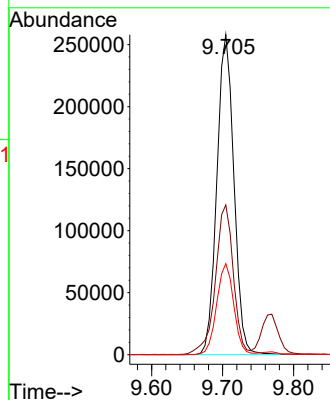
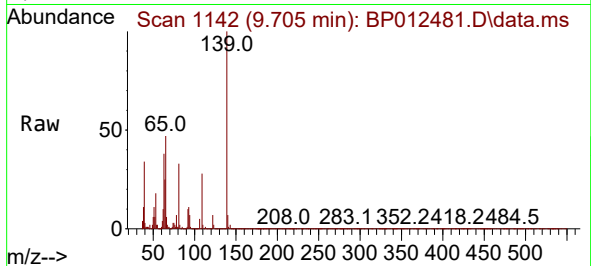




#25
2-Nitrophenol
Concen: 35.372 ng/ul
RT: 9.705 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

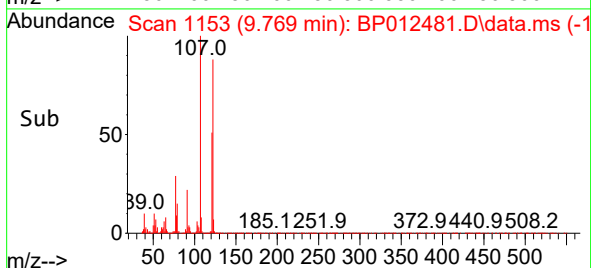
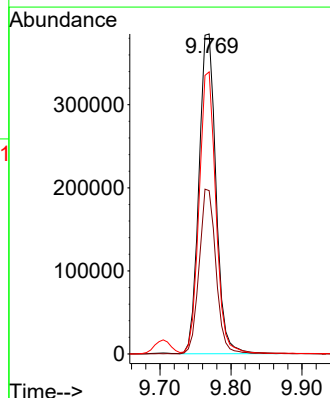
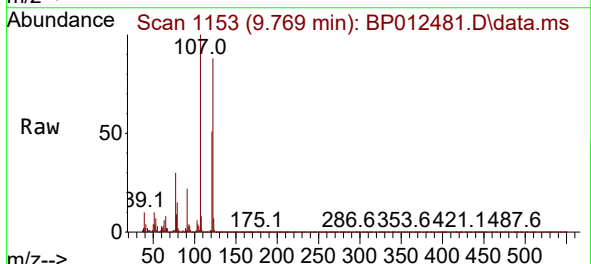
Instrument :
BNA_P
ClientSampleId :

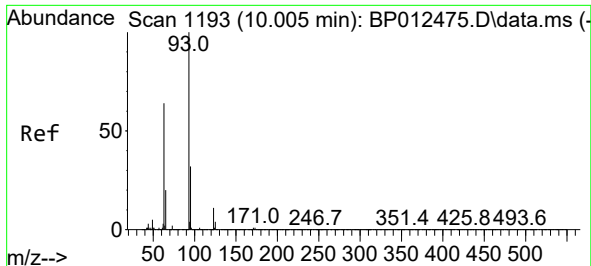
Tgt Ion:139 Resp: 428269
Ion Ratio Lower Upper
139 100
65 46.8 37.8 56.8
109 28.5 21.4 32.2



#26
2,4-Dimethylphenol
Concen: 24.258 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:107 Resp: 644909
Ion Ratio Lower Upper
107 100
121 51.0 40.9 61.3
122 88.2 70.6 105.8

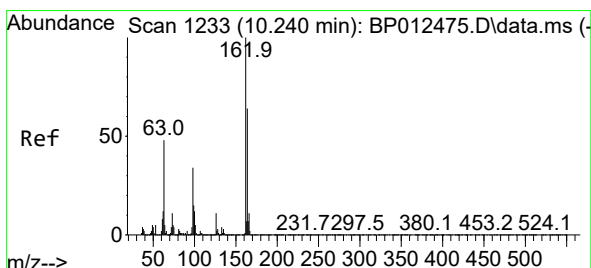
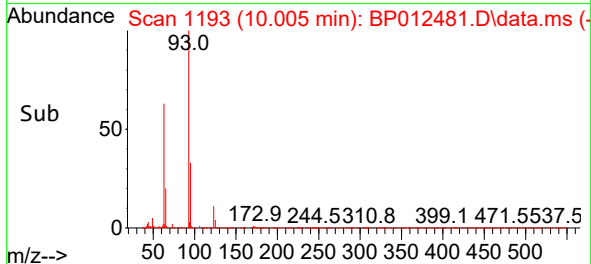
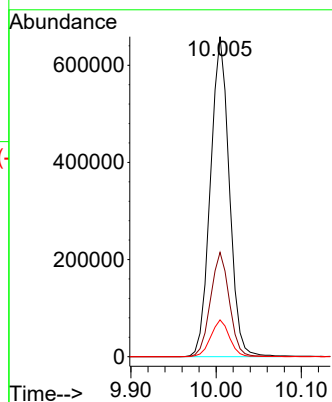
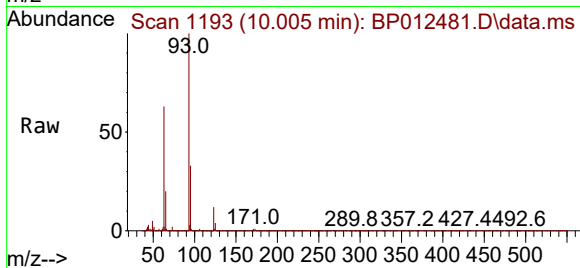




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.738 ng/ul
 RT: 10.005 min Scan# 1193
 Delta R.T. -0.005 min
 Lab File: BP012481.D
 Acq: 03 Nov 2022 09:09

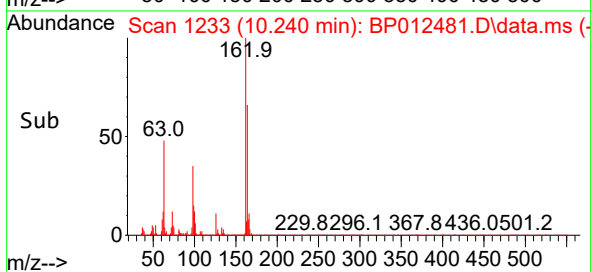
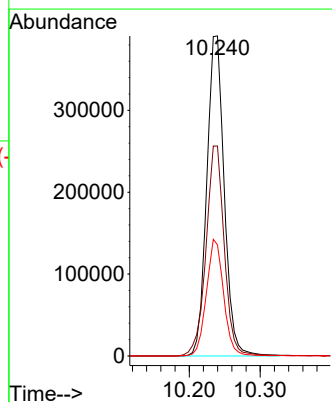
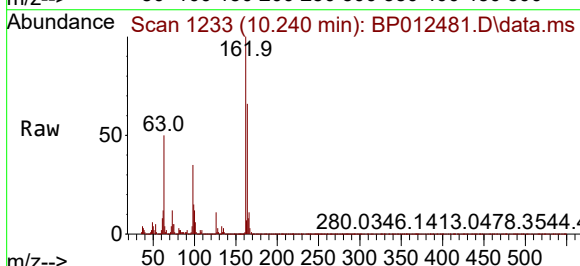
Instrument :
 BNA_P
 ClientSampleId :

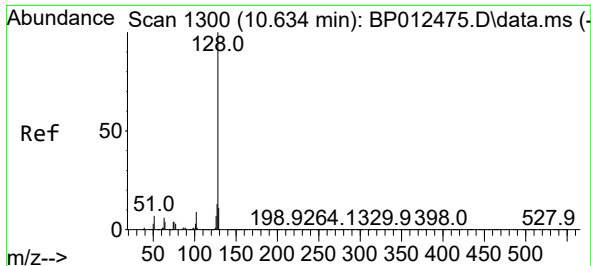
Tgt Ion: 93 Resp: 1010794
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 11.5 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 29.459 ng/ul
 RT: 10.240 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: BP012481.D
 Acq: 03 Nov 2022 09:09

Tgt Ion:162 Resp: 669208
 Ion Ratio Lower Upper
 162 100
 164 65.6 51.9 77.9
 98 34.7 28.6 43.0

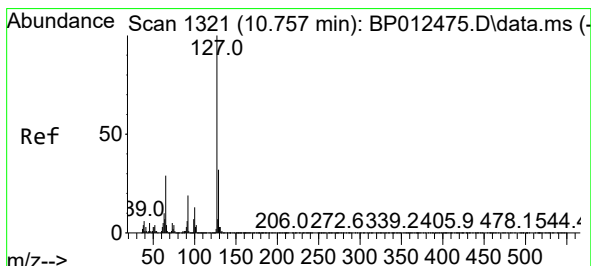
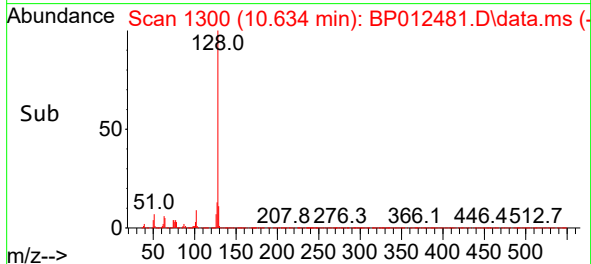
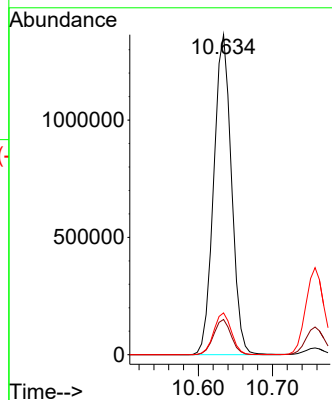
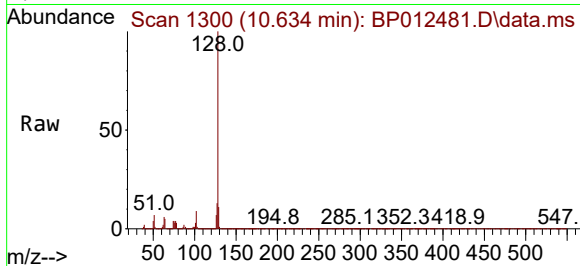




#30
Naphthalene
Concen: 28.461 ng/ul
RT: 10.634 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

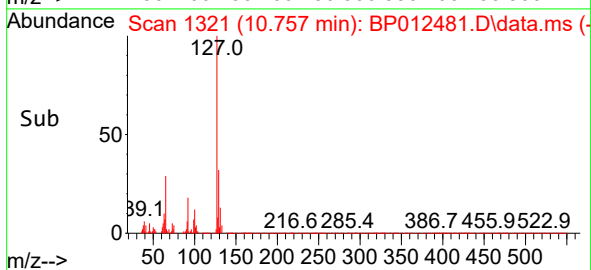
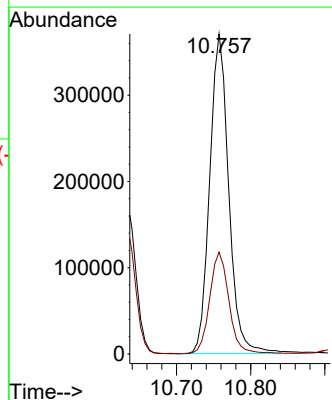
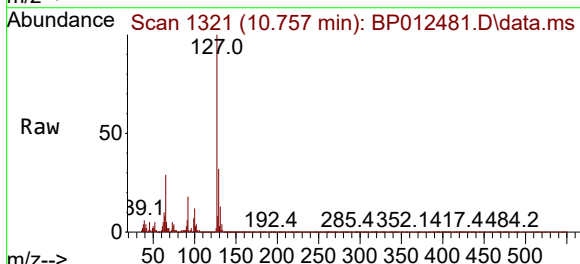
Instrument :
BNA_P
ClientSampleId :

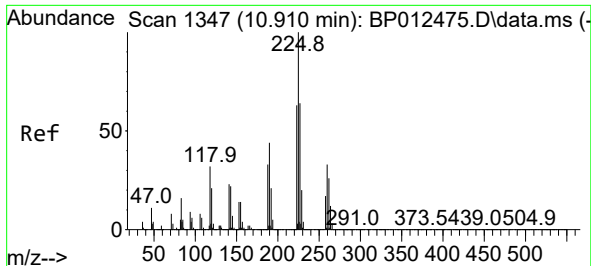
Tgt Ion:128 Resp: 2262852
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7



#32
4-Chloroaniline
Concen: 19.697 ng/ul
RT: 10.757 min Scan# 1321
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:127 Resp: 660361
Ion Ratio Lower Upper
127 100
129 31.8 26.0 39.0

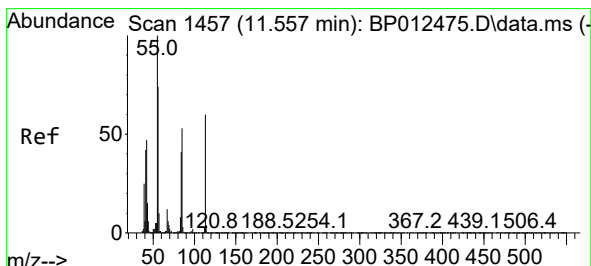
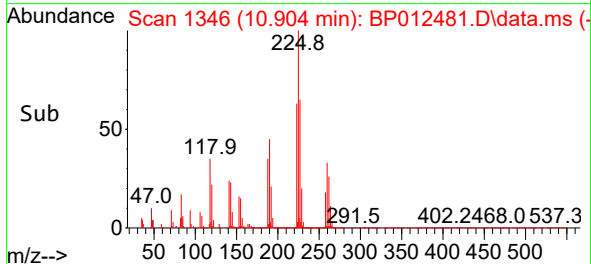
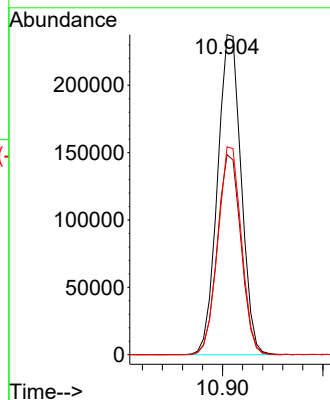
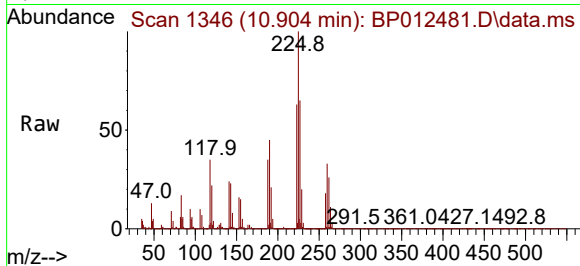




#33
Hexachlorobutadiene
Concen: 27.480 ng/ul
RT: 10.904 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

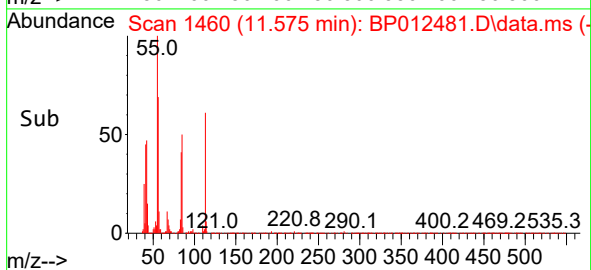
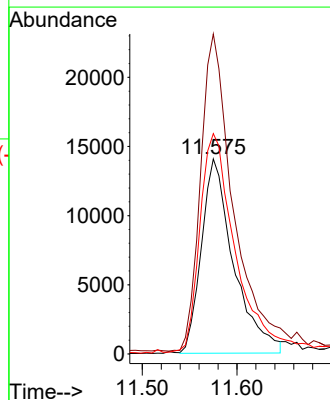
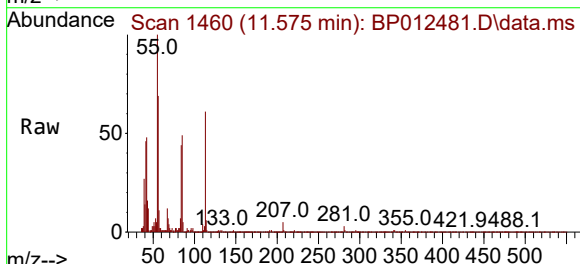
Instrument :
BNA_P
ClientSampleId :

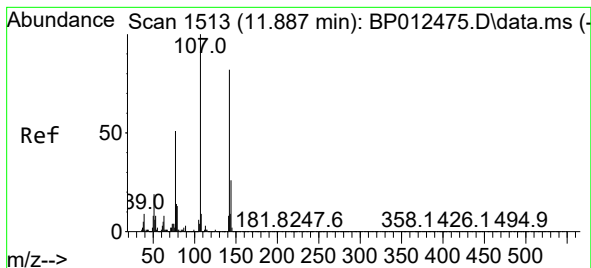
Tgt Ion:225 Resp: 388384
Ion Ratio Lower Upper
225 100
223 62.5 49.0 73.6
227 65.0 51.9 77.9



#34
Caprolactam
Concen: 4.306 ng/ul
RT: 11.575 min Scan# 1460
Delta R.T. 0.012 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:113 Resp: 33286
Ion Ratio Lower Upper
113 100
55 164.1 135.6 203.4
56 113.0 98.9 148.3

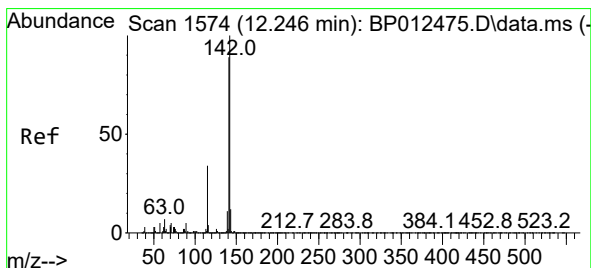
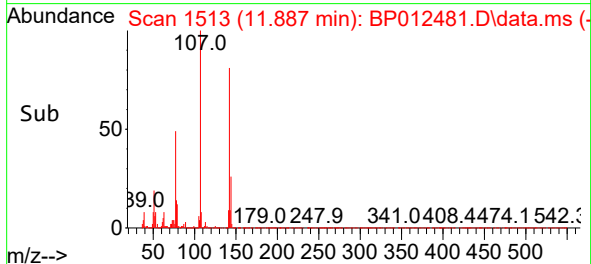
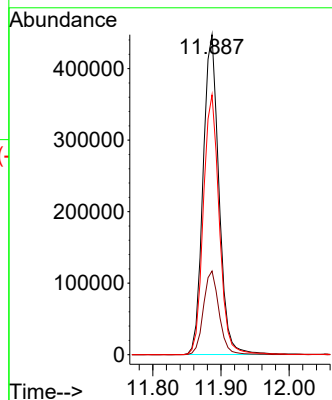
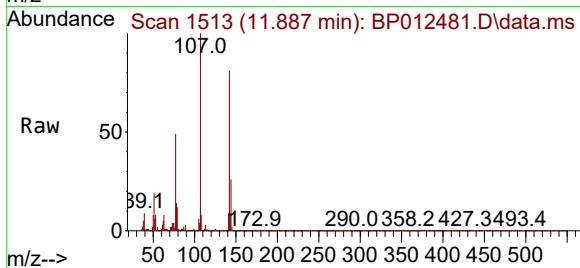




#35
4-Chloro-3-methylphenol
Concen: 29.059 ng/ul
RT: 11.887 min Scan# 1513
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

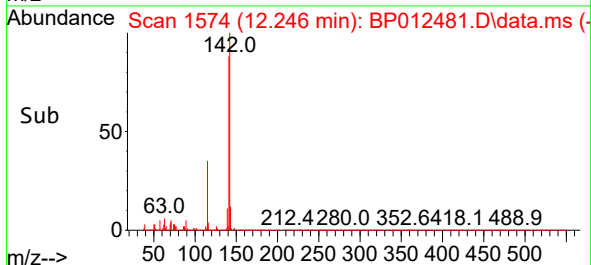
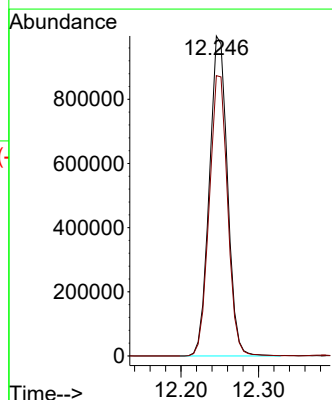
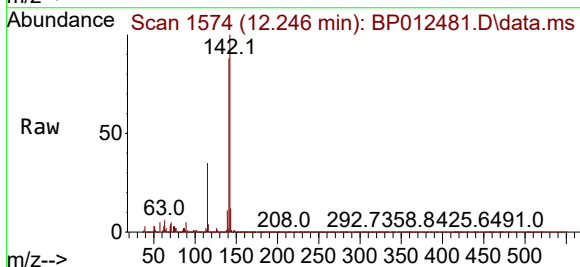
Instrument :
BNA_P
ClientSampleId :

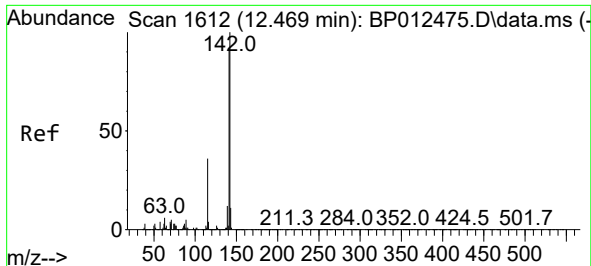
Tgt Ion:107 Resp: 725338
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.4
142 81.2 65.4 98.2



#36
2-Methylnaphthalene
Concen: 29.692 ng/ul
RT: 12.246 min Scan# 1574
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:142 Resp: 1618464
Ion Ratio Lower Upper
142 100
141 87.6 70.6 106.0

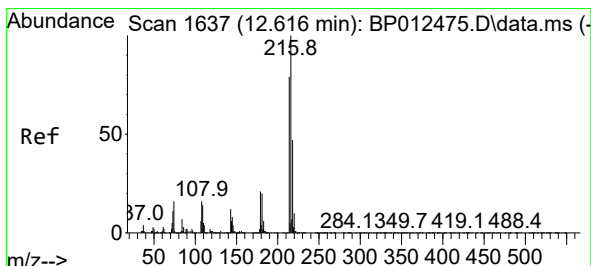
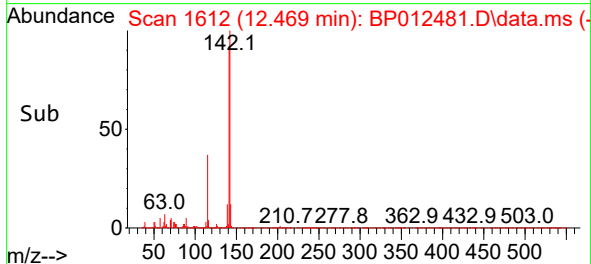
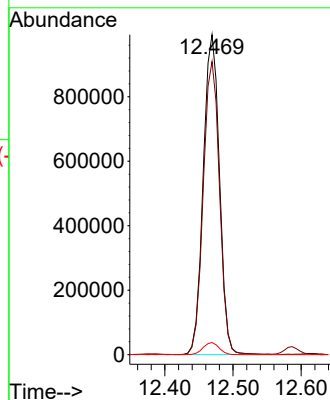
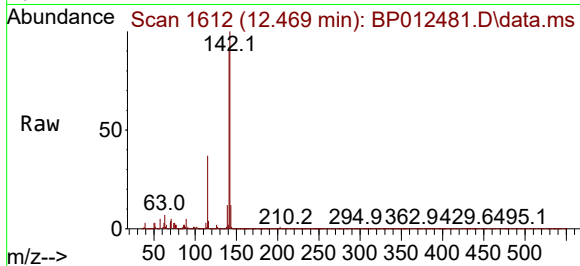




#37
1-Methylnaphthalene
Concen: 30.049 ng/ul
RT: 12.469 min Scan# 1612
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

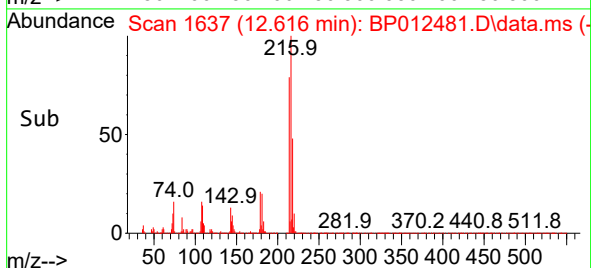
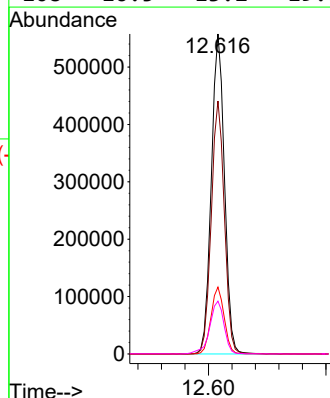
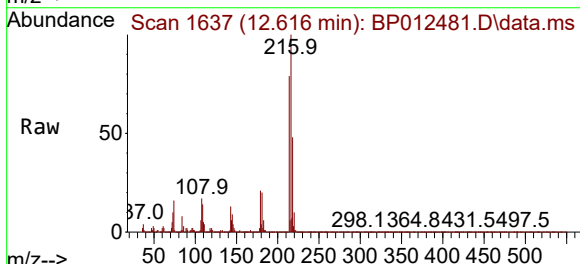
Instrument :
BNA_P
ClientSampleId :

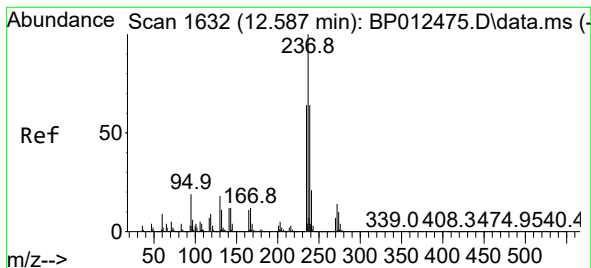
Tgt Ion:142 Resp: 1635767
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7
116 3.8 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.853 ng/ul
RT: 12.616 min Scan# 1637
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:216 Resp: 865703
Ion Ratio Lower Upper
216 100
214 79.1 62.9 94.3
179 20.9 16.6 24.8
108 16.5 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 22.091 ng/ul

RT: 12.587 min Scan# 1632

Delta R.T. -0.005 min

Lab File: BP012481.D

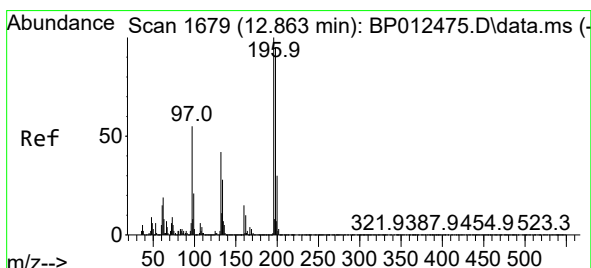
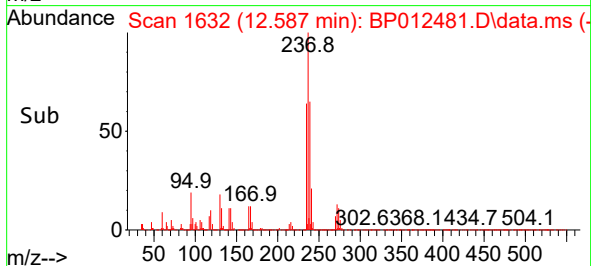
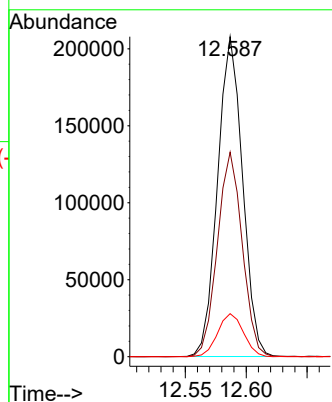
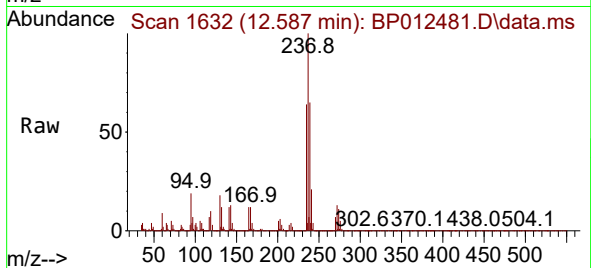
Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp: 296384
Ion Ratio	Lower Upper
237	100
235	63.9 50.1 75.1
272	14.1 10.6 15.8



#41

2,4,6-Trichlorophenol

Concen: 33.948 ng/ul

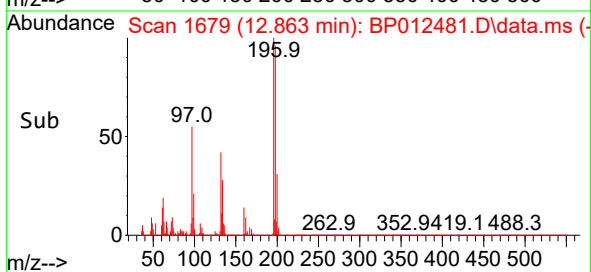
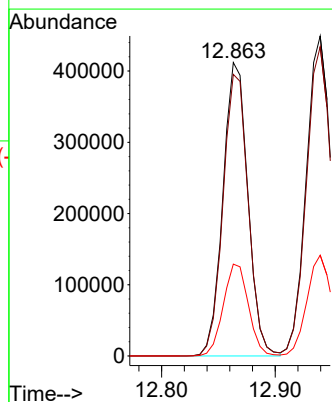
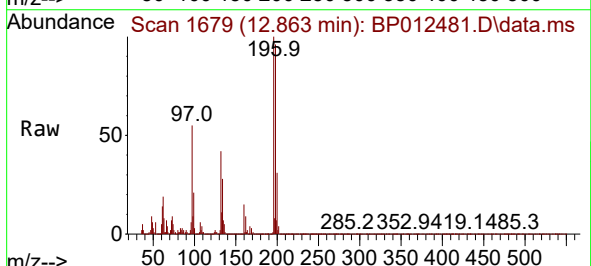
RT: 12.863 min Scan# 1679

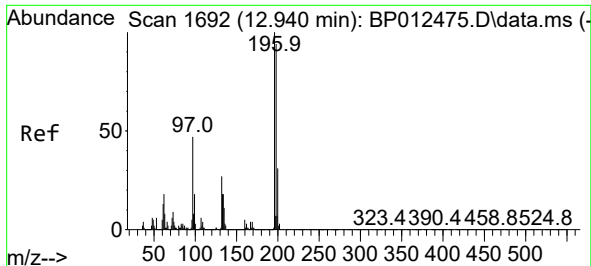
Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Tgt Ion:196	Resp: 629276
Ion Ratio	Lower Upper
196	100
198	96.0 77.2 115.8
200	31.3 25.1 37.7

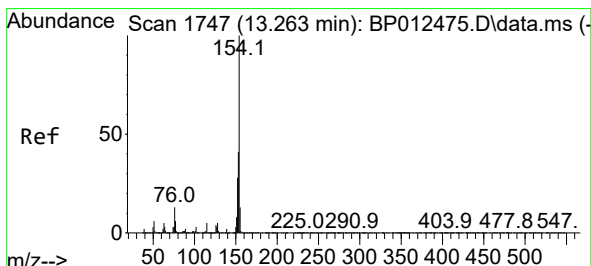
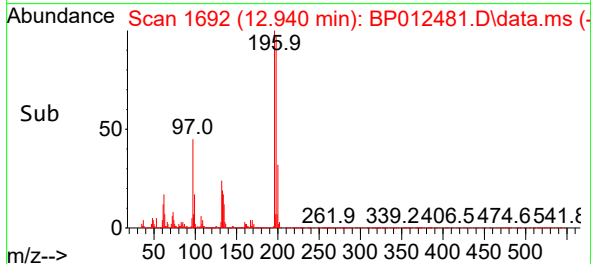
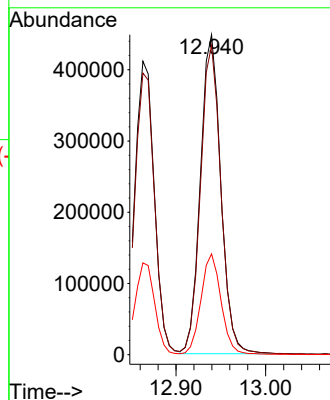
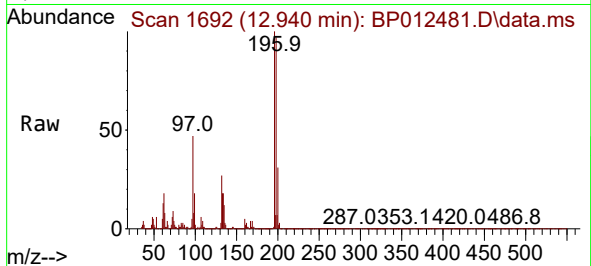




#42
2,4,5-Trichlorophenol
Concen: 34.939 ng/ul
RT: 12.940 min Scan# 1692
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

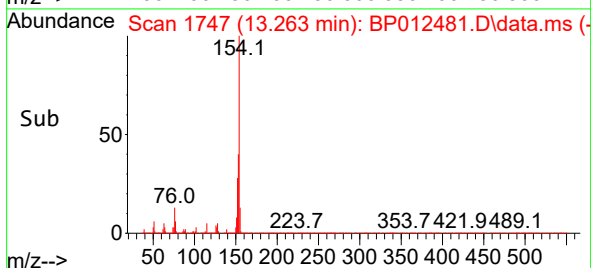
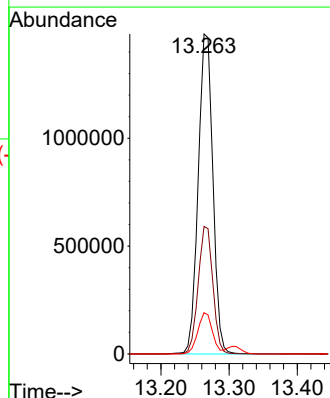
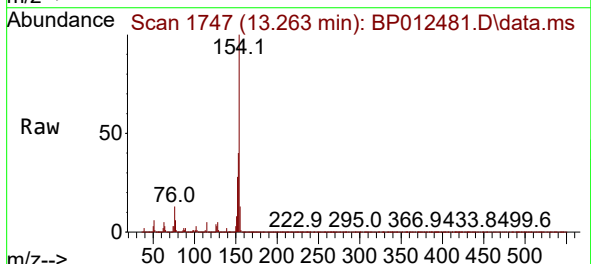
Instrument :
BNA_P
ClientSampleId :

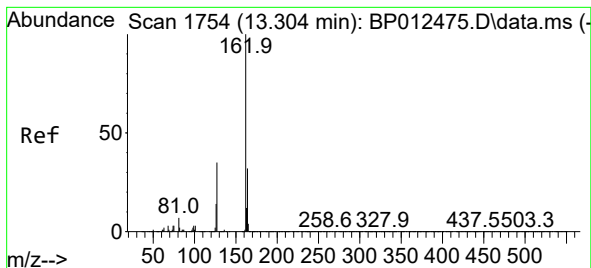
Tgt Ion:196 Resp: 706380
Ion Ratio Lower Upper
196 100
198 96.6 77.8 116.8
200 31.5 25.0 37.4



#43
1,1'-Biphenyl
Concen: 30.547 ng/ul
RT: 13.263 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:154 Resp: 2217591
Ion Ratio Lower Upper
154 100
153 39.8 31.9 47.9
76 12.9 10.6 16.0





#44

2-Chloronaphthalene

Concen: 30.589 ng/ul

RT: 13.310 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

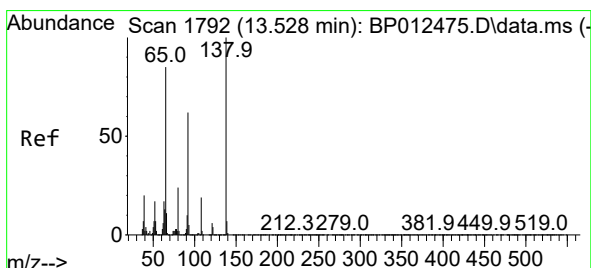
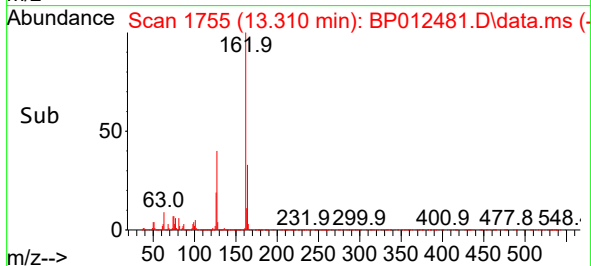
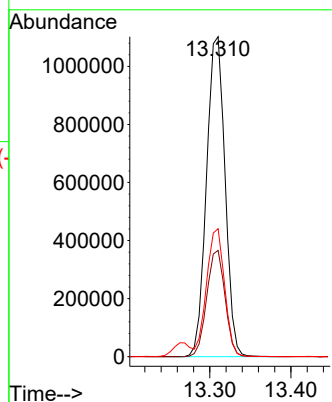
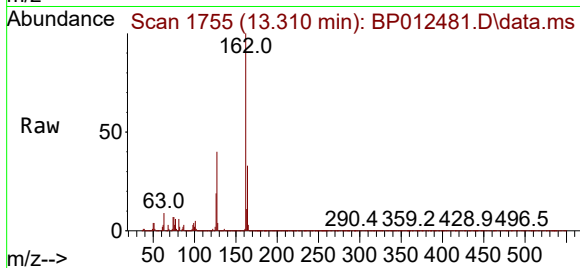
Tgt Ion:162 Resp: 1744981

Ion Ratio Lower Upper

162 100

164 33.2 26.6 39.8

127 40.0 30.9 46.3



#45

2-Nitroaniline

Concen: 43.944 ng/ul

RT: 13.528 min Scan# 1792

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

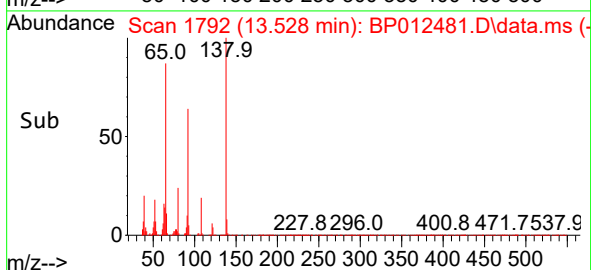
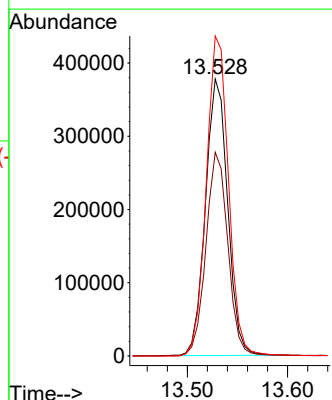
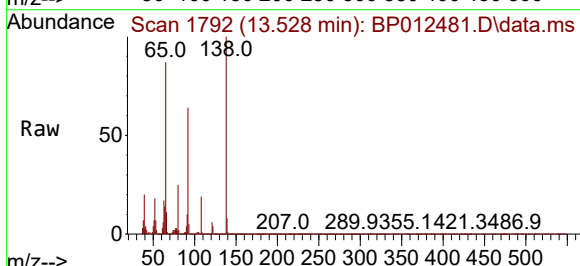
Tgt Ion: 65 Resp: 581018

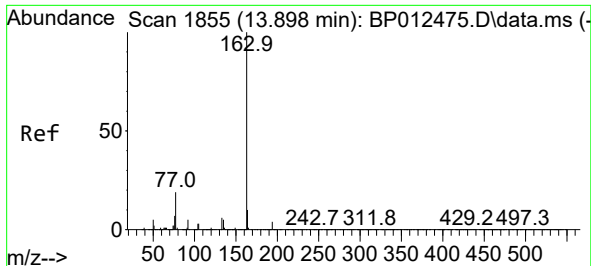
Ion Ratio Lower Upper

65 100

92 73.6 58.5 87.7

138 115.6 91.1 136.7

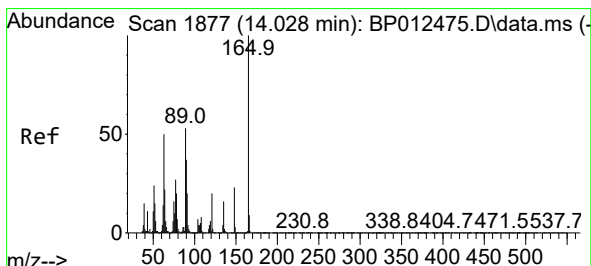
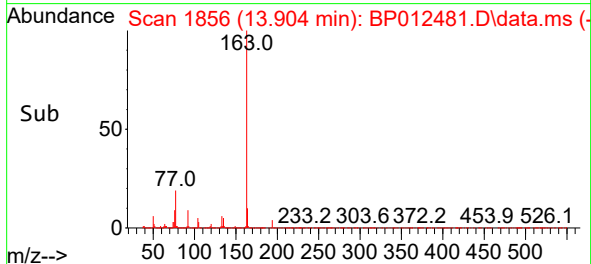
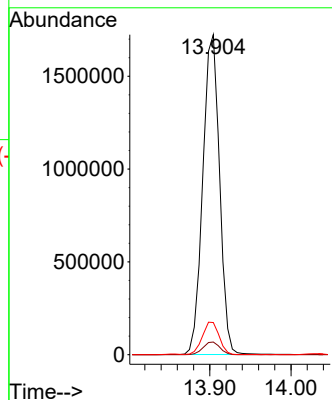
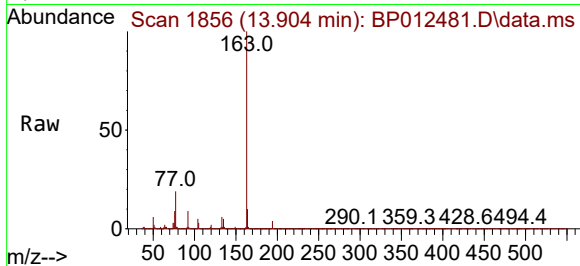




#47
Dimethylphthalate
Concen: 34.692 ng/ul
RT: 13.904 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

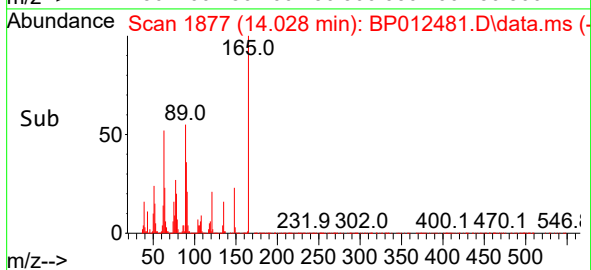
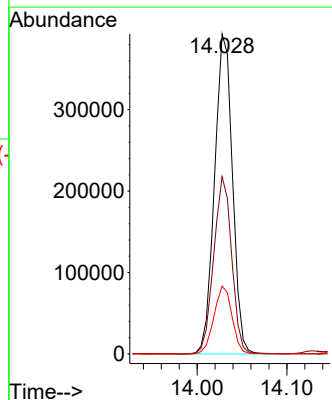
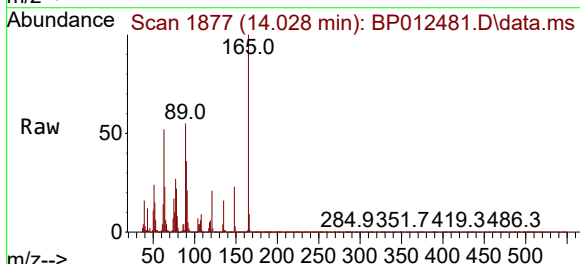
Instrument :
BNA_P
ClientSampleId :

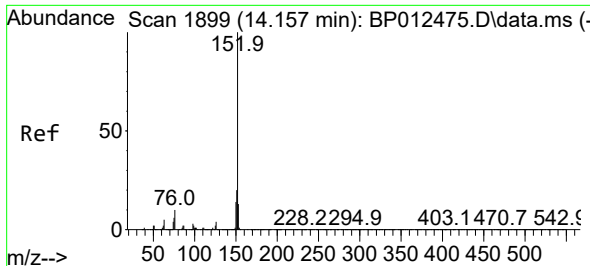
Tgt Ion:163 Resp: 2470311
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 46.100 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:165 Resp: 545046
Ion Ratio Lower Upper
165 100
89 55.4 43.4 65.2
121 21.2 17.1 25.7

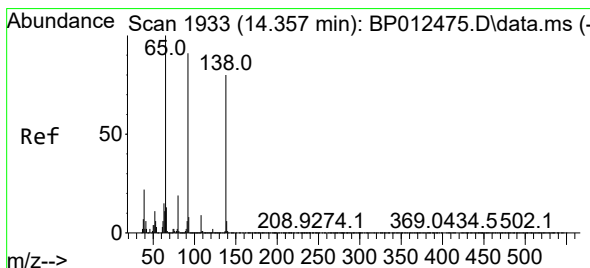
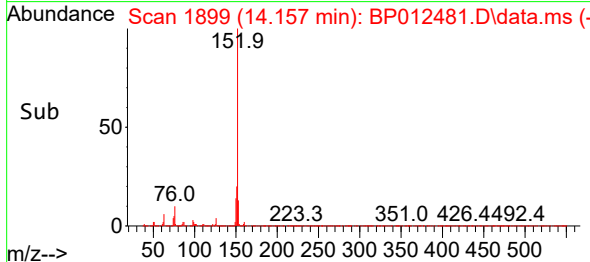
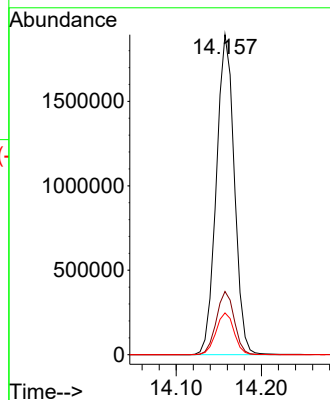
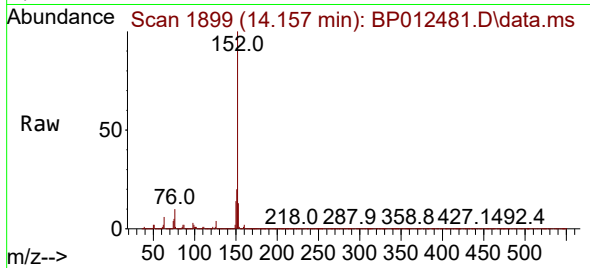




#50
Acenaphthylene
Concen: 32.095 ng/ul
RT: 14.157 min Scan# 1899
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

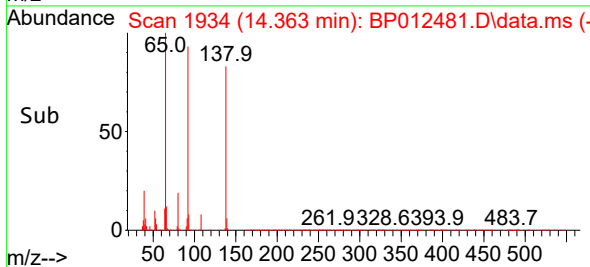
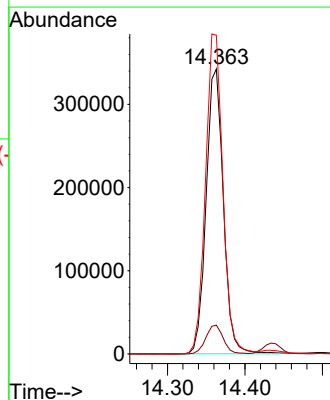
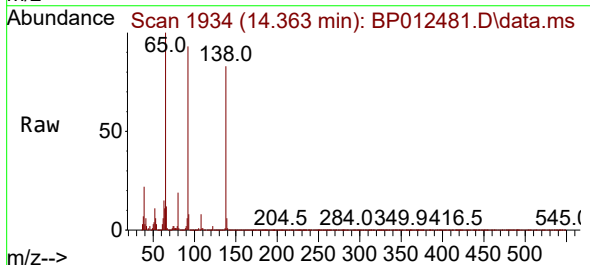
Instrument :
BNA_P
ClientSampleId :

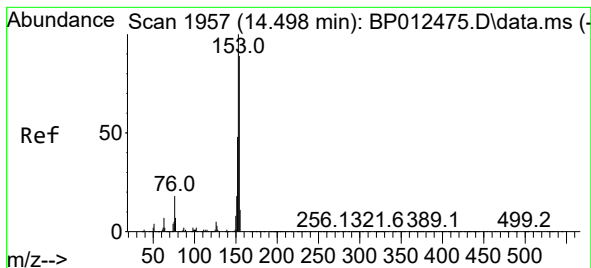
Tgt Ion:152 Resp: 2779892
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.1 10.8 16.2



#51
3-Nitroaniline
Concen: 36.541 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:138 Resp: 529004
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 111.9 90.6 135.8





#52

Acenaphthene

Concen: 31.659 ng/ul

RT: 14.498 min Scan# 1957

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

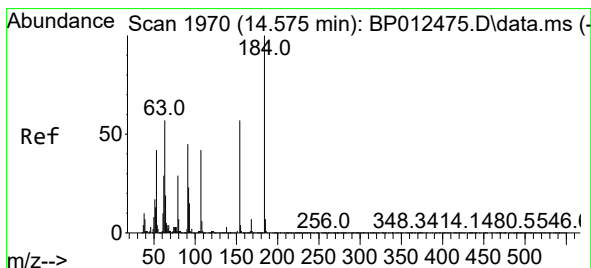
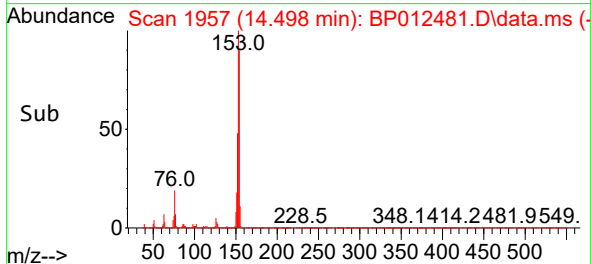
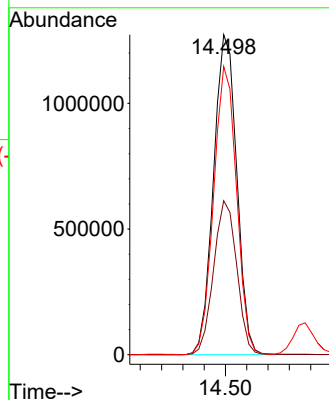
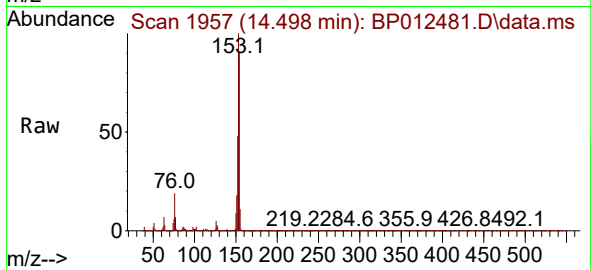
Tgt Ion:153 Resp: 1927086

Ion Ratio Lower Upper

153 100

152 48.1 38.6 58.0

154 90.1 71.6 107.4



#53

2,4-Dinitrophenol

Concen: 37.888 ng/ul

RT: 14.575 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

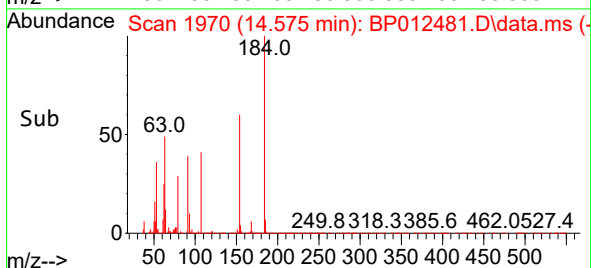
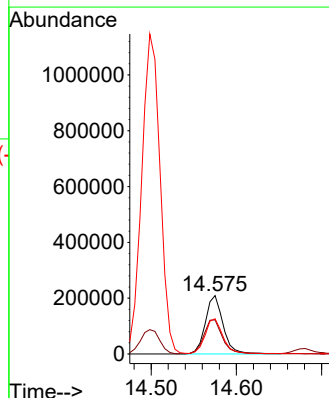
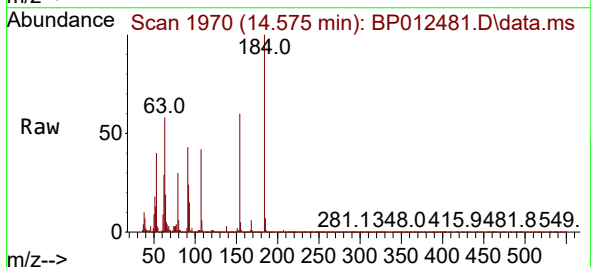
Tgt Ion:184 Resp: 302514

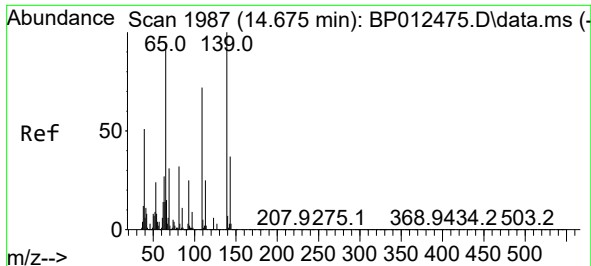
Ion Ratio Lower Upper

184 100

63 58.4 47.9 71.9

154 60.3 46.9 70.3

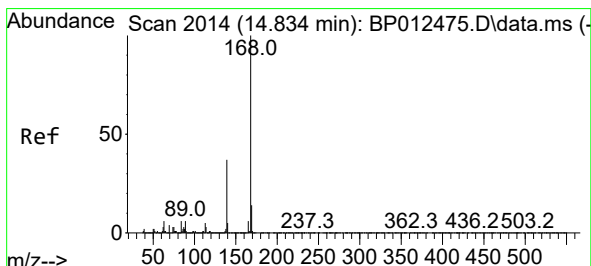
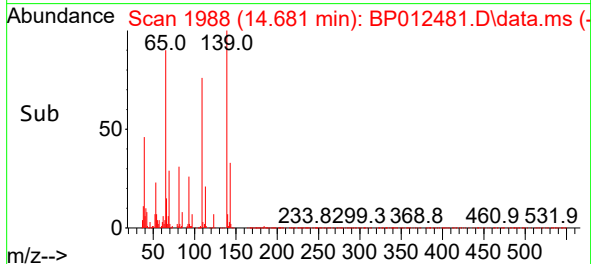
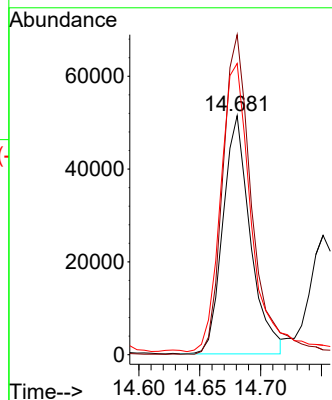
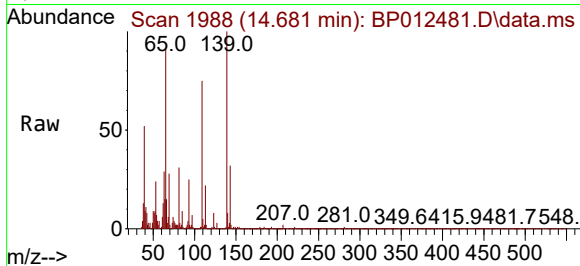




#55
4-Nitrophenol
Concen: 8.294 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

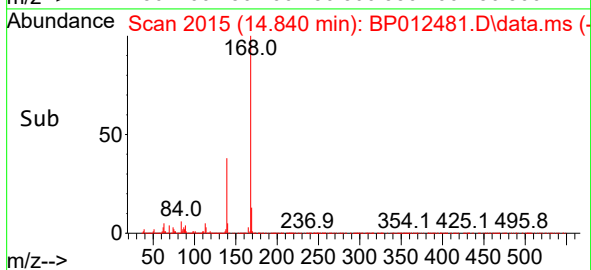
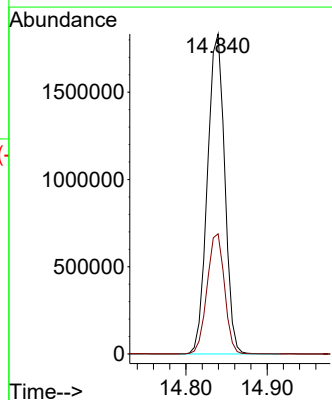
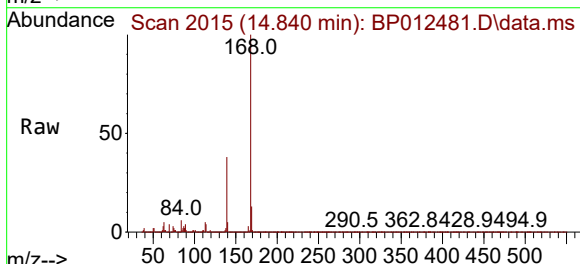
Instrument :
BNA_P
ClientSampleId :

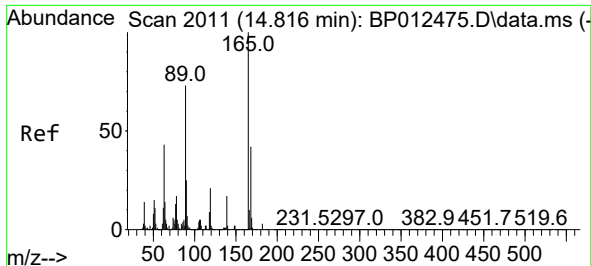
Tgt Ion:109 Resp: 80273
Ion Ratio Lower Upper
109 100
139 133.9 123.1 184.7
65 121.8 107.9 161.9



#56
Dibenzofuran
Concen: 32.544 ng/ul
RT: 14.840 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:168 Resp: 2704443
Ion Ratio Lower Upper
168 100
139 37.6 29.1 43.7

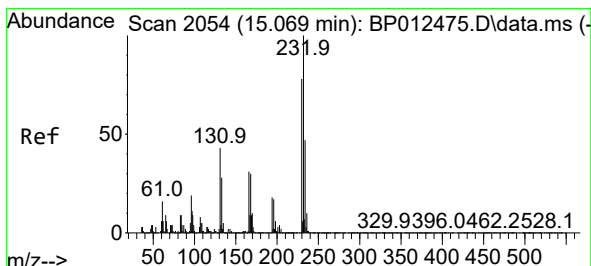
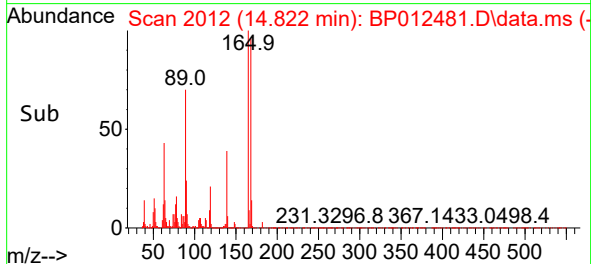
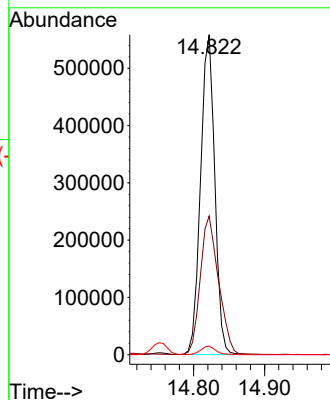
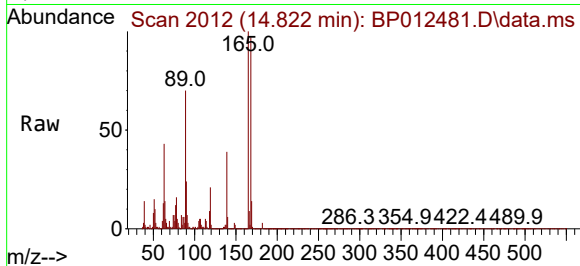




#57
2,4-Dinitrotoluene
Concen: 43.638 ng/ul
RT: 14.822 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

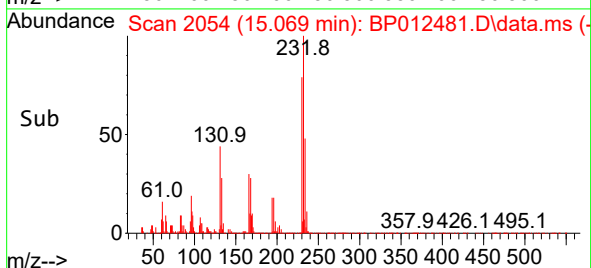
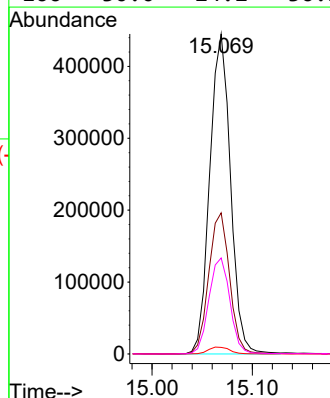
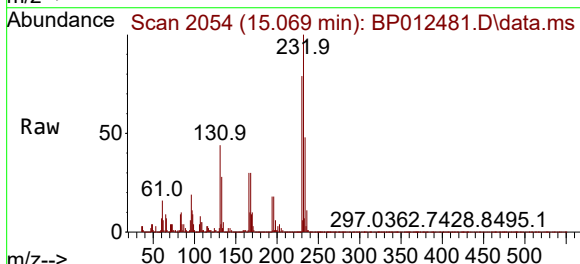
Instrument :
BNA_P
ClientSampleId :

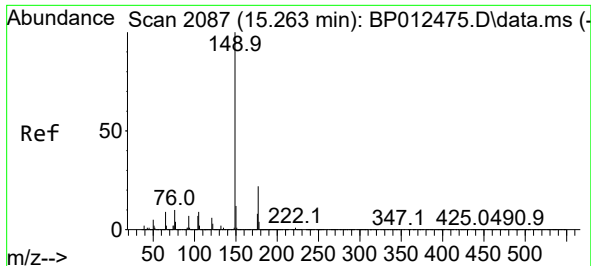
Tgt Ion:165 Resp: 777117
Ion Ratio Lower Upper
165 100
63 43.4 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.264 ng/ul
RT: 15.069 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:232 Resp: 639447
Ion Ratio Lower Upper
232 100
131 44.1 33.6 50.4
130 2.1 1.8 2.6
166 30.0 24.2 36.2

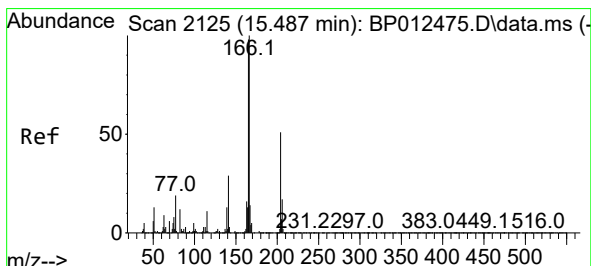
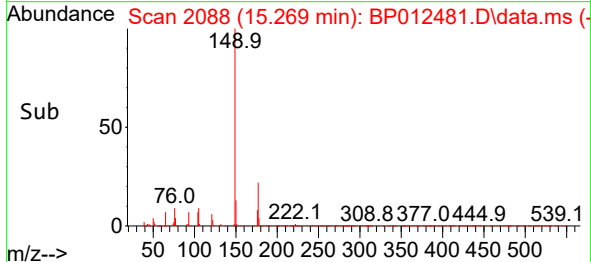
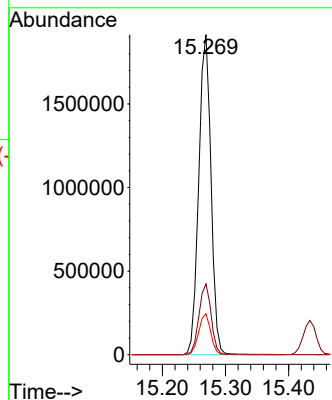
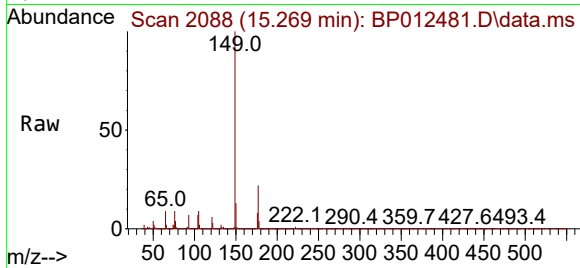




#59
Diethylphthalate
Concen: 37.014 ng/ul
RT: 15.269 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

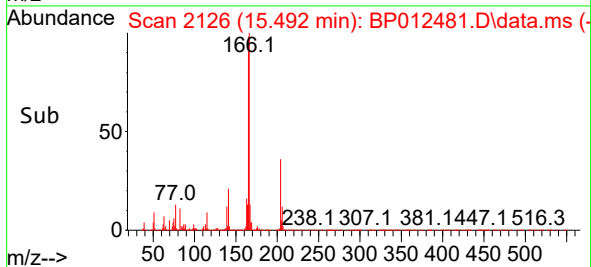
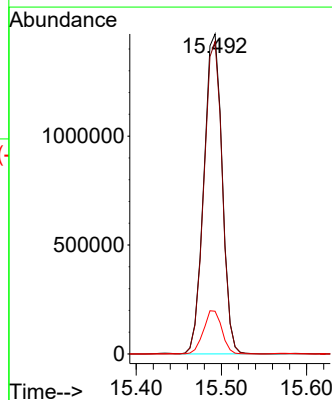
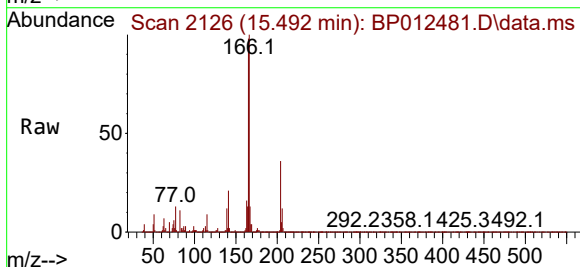
Instrument :
BNA_P
ClientSampleId :

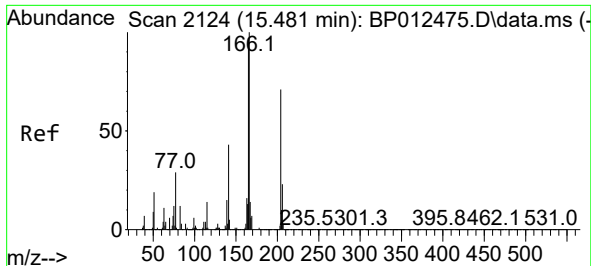
Tgt Ion:149 Resp: 2564553
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.8 9.8 14.6



#61
Fluorene
Concen: 33.155 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:166 Resp: 2189121
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 13.3 10.6 15.8

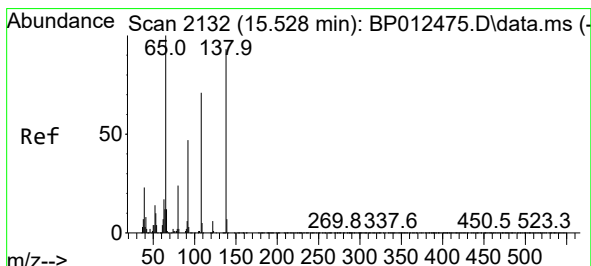
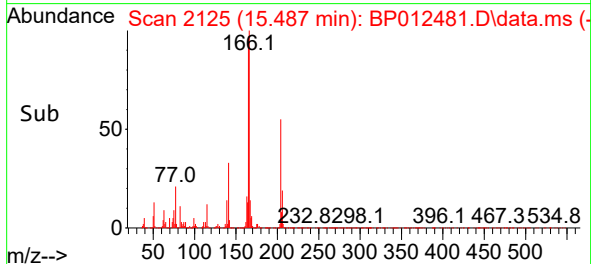
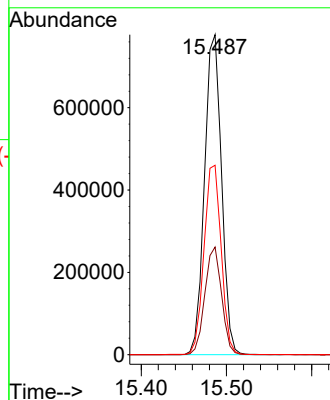
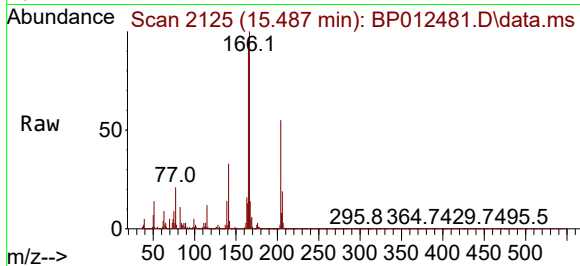




#62
4-Chlorophenyl-phenylether
Concen: 33.324 ng/ul
RT: 15.487 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

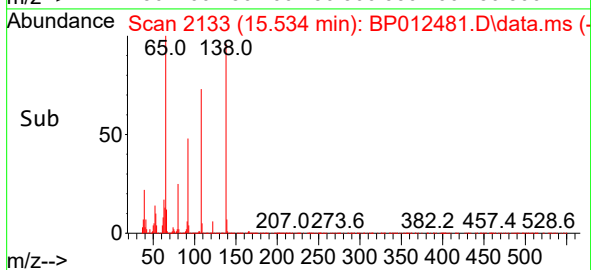
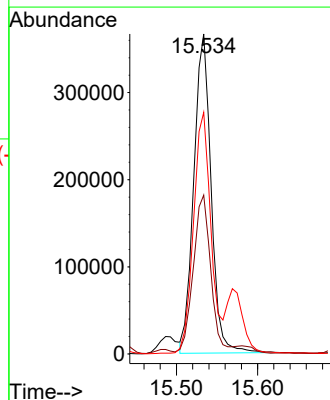
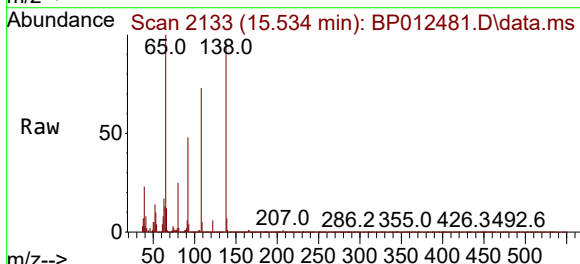
Instrument :
BNA_P
ClientSampleId :

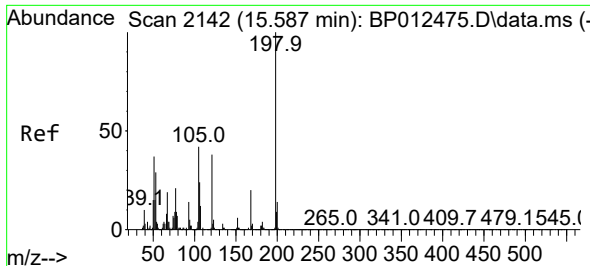
Tgt Ion:204 Resp: 1079260
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 59.2 47.3 70.9



#63
4-Nitroaniline
Concen: 41.469 ng/ul
RT: 15.534 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:138 Resp: 542388
Ion Ratio Lower Upper
138 100
92 49.7 40.6 61.0
108 75.5 56.6 85.0

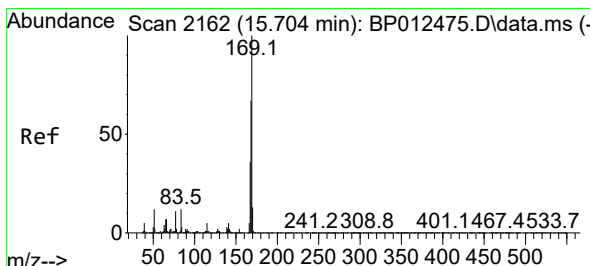
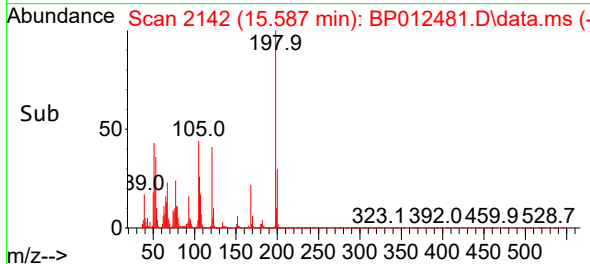
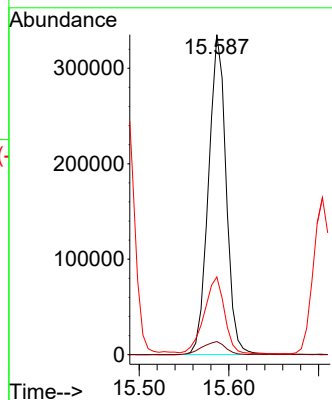
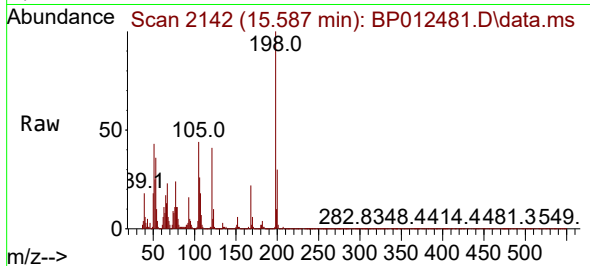




#66
4,6-Dinitro-2-methylphenol
Concen: 38.493 ng/ul
RT: 15.587 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

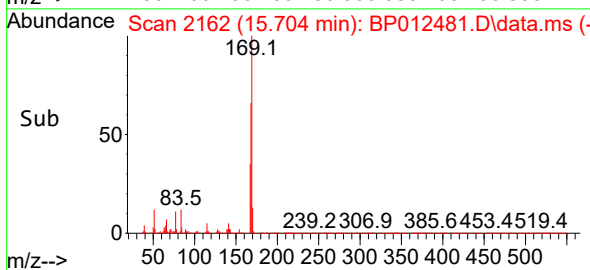
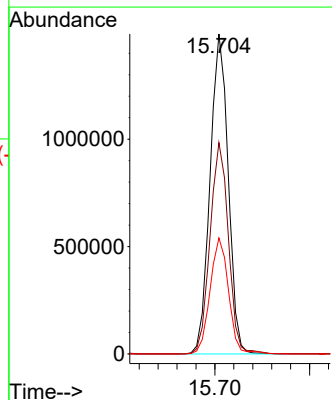
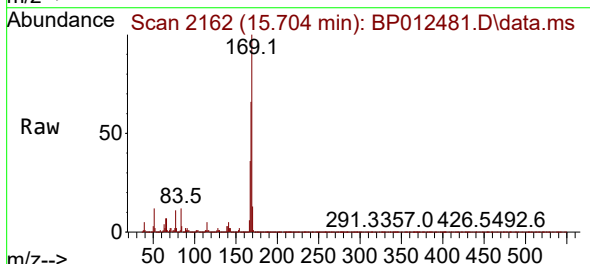
Instrument :
BNA_P
ClientSampleId :

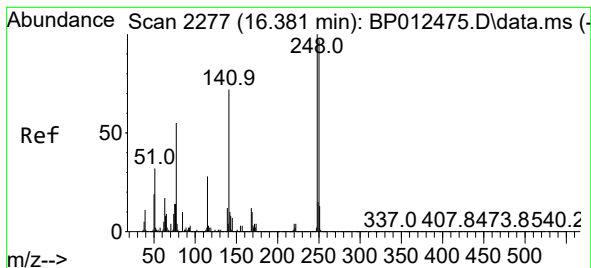
Tgt Ion:198 Resp: 457897
Ion Ratio Lower Upper
198 100
182 4.1 3.8 5.6
77 24.3 19.5 29.3



#67
N-Nitrosodiphenylamine
Concen: 32.754 ng/ul
RT: 15.704 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:169 Resp: 1978214
Ion Ratio Lower Upper
169 100
168 66.1 52.9 79.3
167 36.2 29.1 43.7

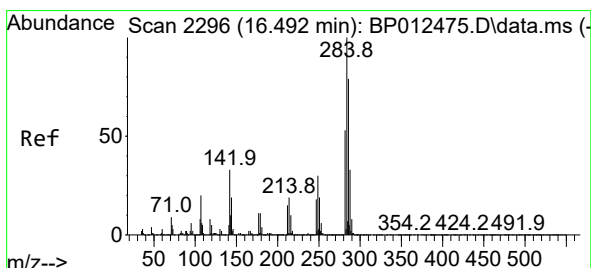
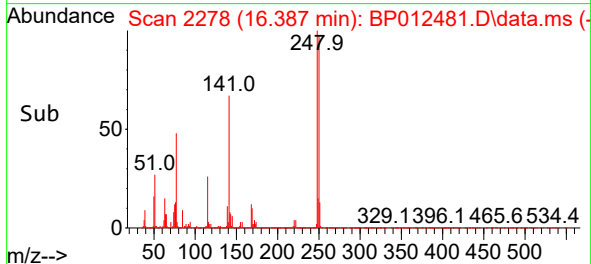
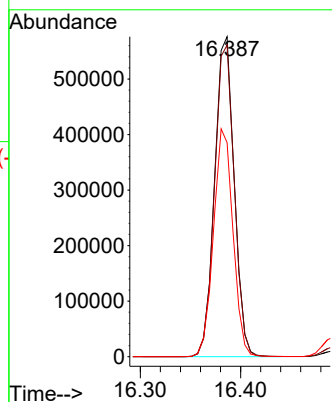
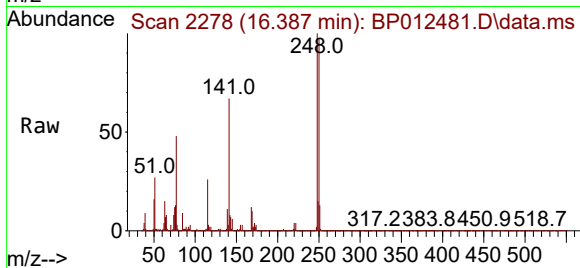




#68
4-Bromophenyl-phenylether
Concen: 36.265 ng/ul
RT: 16.387 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

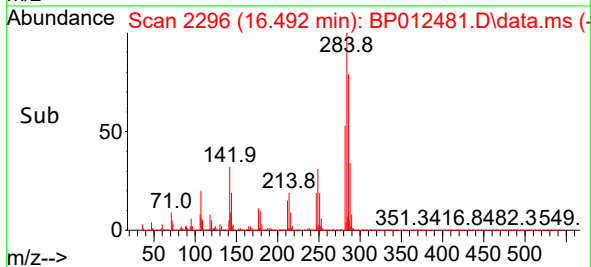
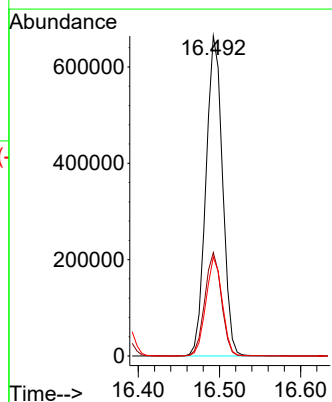
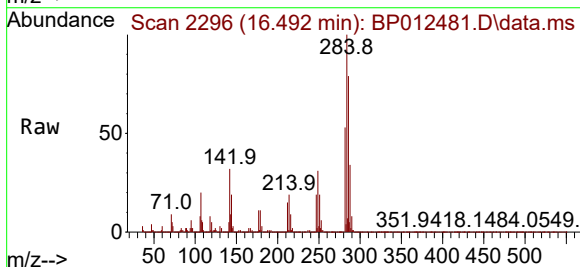
Instrument :
BNA_P
ClientSampleId :

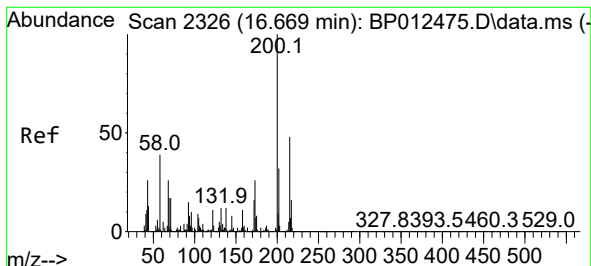
Tgt Ion:248 Resp: 781127
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 66.9 56.2 84.2



#69
Hexachlorobenzene
Concen: 36.444 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:284 Resp: 941472
Ion Ratio Lower Upper
284 100
142 32.3 27.1 40.7
249 31.0 24.5 36.7





#70

Atrazine

Concen: 30.071 ng/ul

RT: 16.669 min Scan# 2326

Delta R.T. 0.000 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

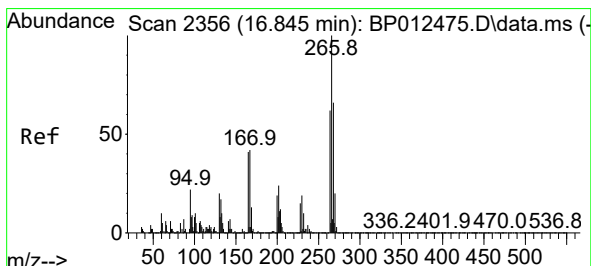
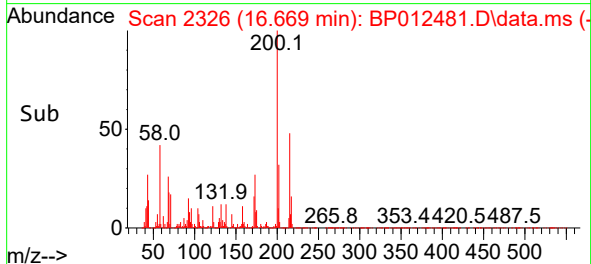
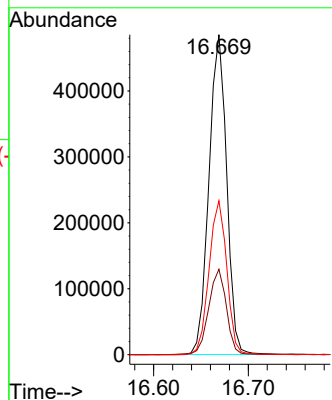
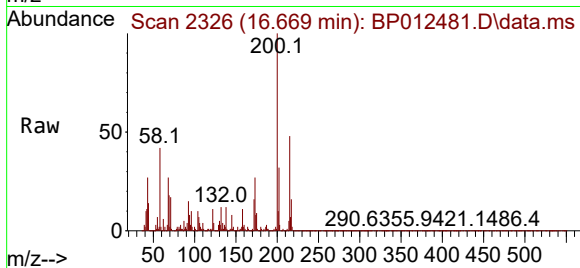
Tgt Ion:200 Resp: 629164

Ion Ratio Lower Upper

200 100

173 26.7 21.8 32.6

215 48.1 39.0 58.6



#71

Pentachlorophenol

Concen: 35.946 ng/ul

RT: 16.845 min Scan# 2356

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

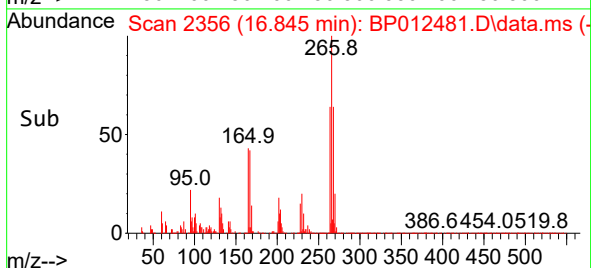
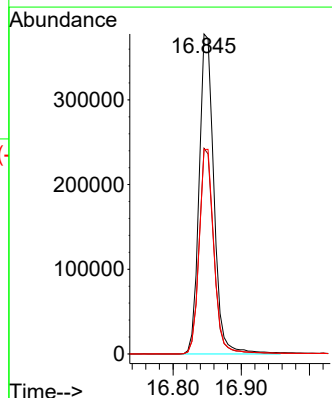
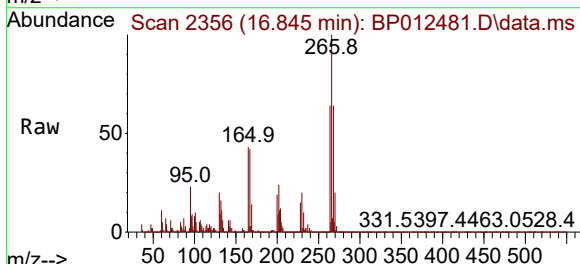
Tgt Ion:266 Resp: 570299

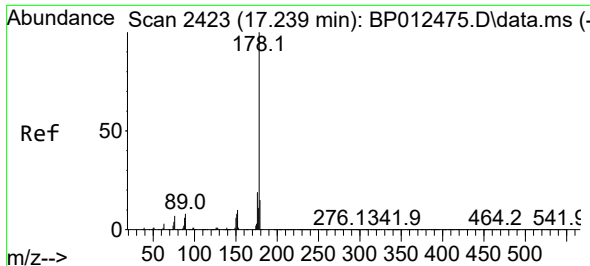
Ion Ratio Lower Upper

266 100

264 64.3 50.3 75.5

268 63.9 51.4 77.0

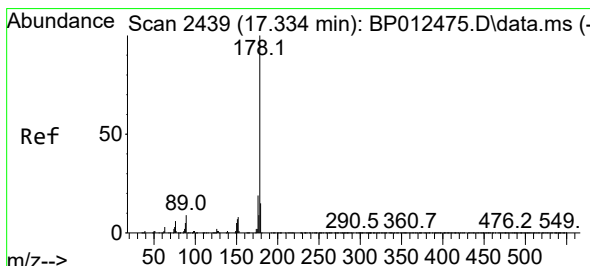
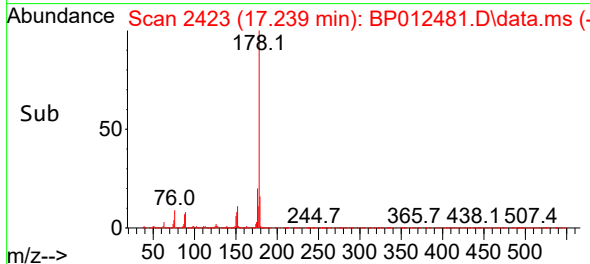
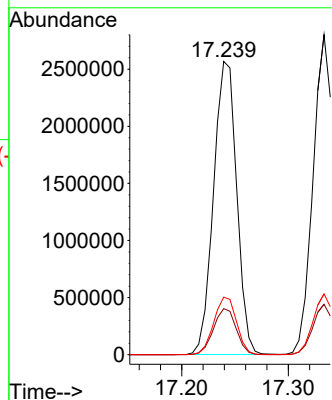
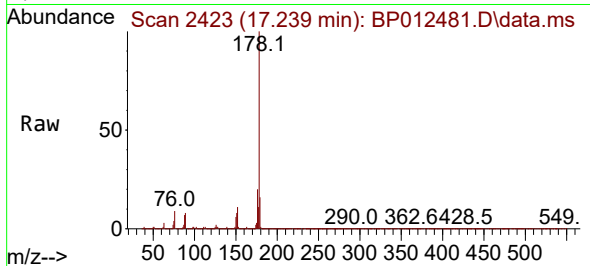




#72
Phenanthrene
Concen: 34.229 ng/ul
RT: 17.239 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

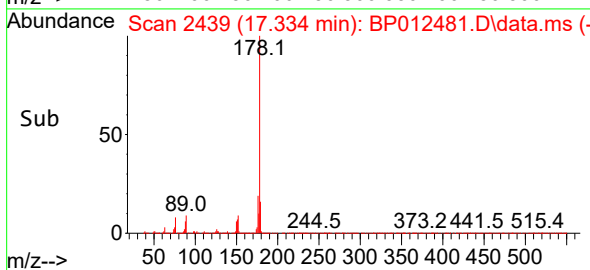
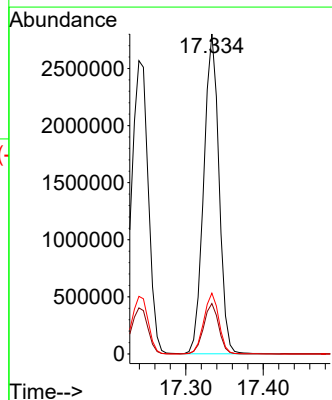
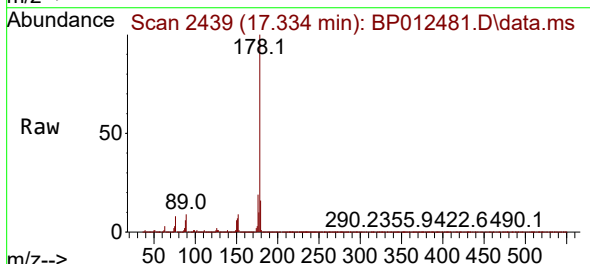
Instrument :
BNA_P
ClientSampleId :

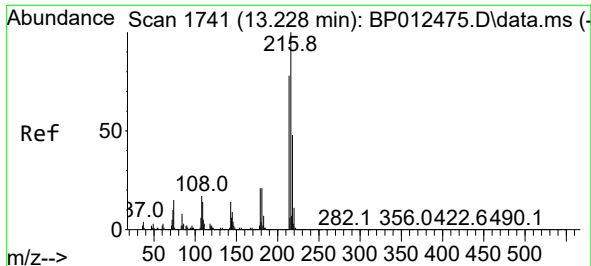
Tgt Ion:178 Resp: 3877663
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.8 23.6



#74
Anthracene
Concen: 33.979 ng/ul
RT: 17.334 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:178 Resp: 3824095
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.0 15.3 22.9

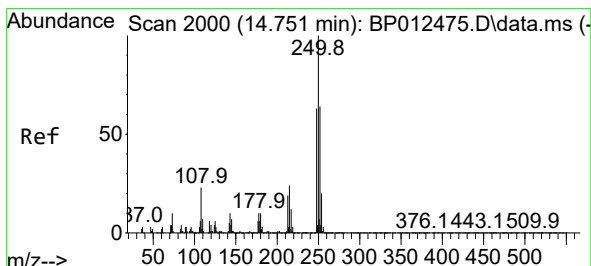
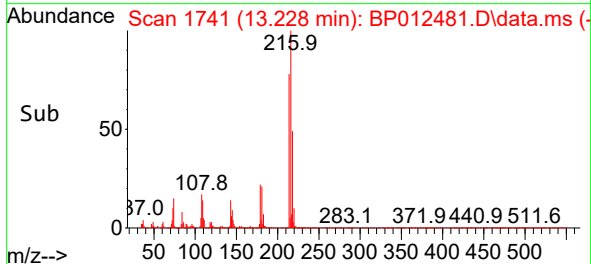
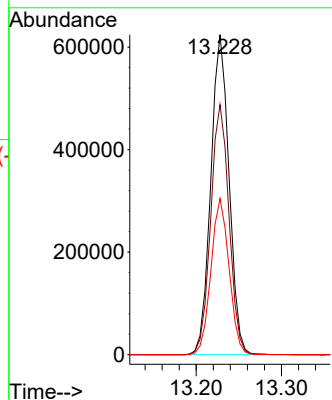
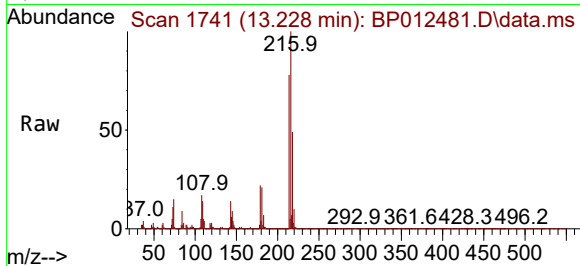




#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.271 ng/uL
RT: 13.228 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

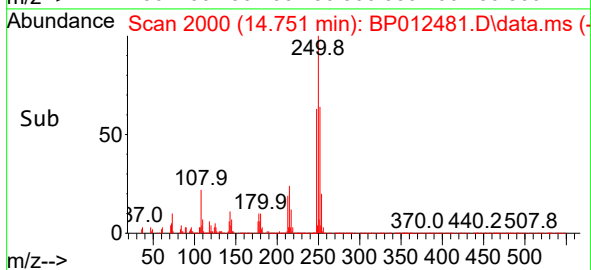
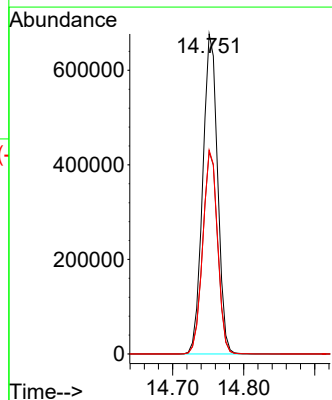
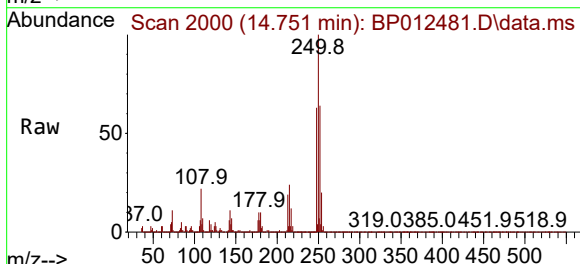
Instrument :
BNA_P
ClientSampleId :

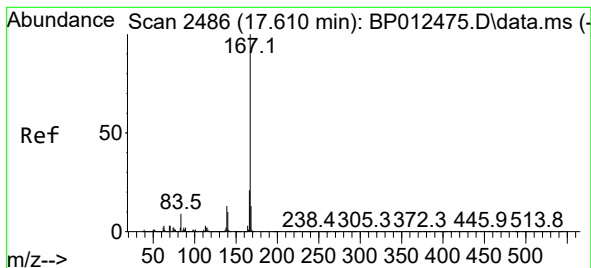
Tgt Ion:216 Resp: 928573
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
218 48.8 38.6 58.0



#76
Pentachlorobenzene
Concen: 30.410 ng/uL
RT: 14.751 min Scan# 2000
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:250 Resp: 985063
Ion Ratio Lower Upper
250 100
248 63.3 50.6 75.8
252 63.7 50.7 76.1





#77

Carbazole

Concen: 36.221 ng/ul

RT: 17.610 min Scan# 2486

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

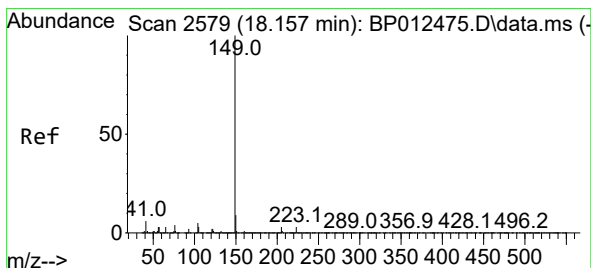
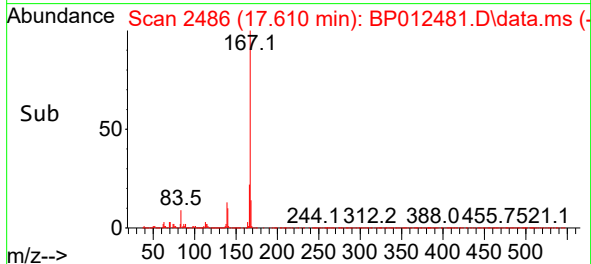
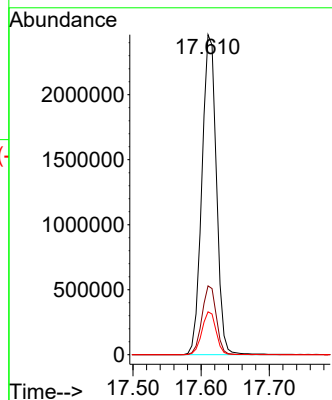
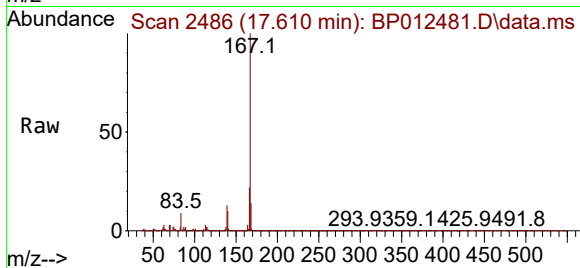
Tgt Ion:167 Resp: 3630672

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.4 10.4 15.6



#78

Di-n-butylphthalate

Concen: 39.548 ng/ul

RT: 18.157 min Scan# 2579

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

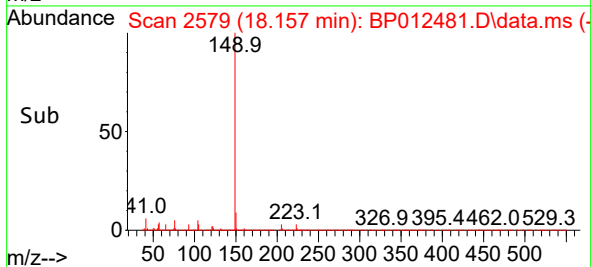
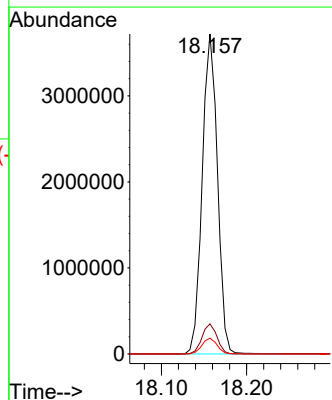
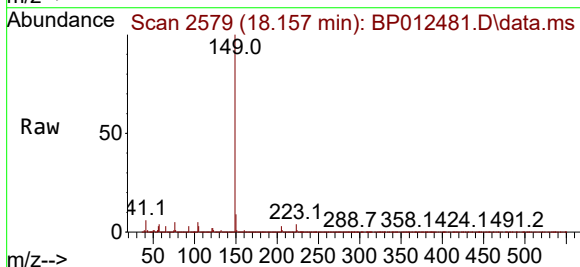
Tgt Ion:149 Resp: 4605463

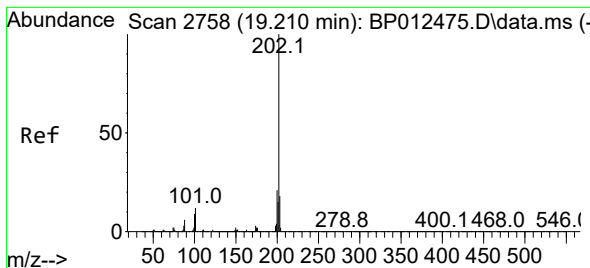
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.9 4.0 6.0





#80

Fluoranthene

Concen: 39.116 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

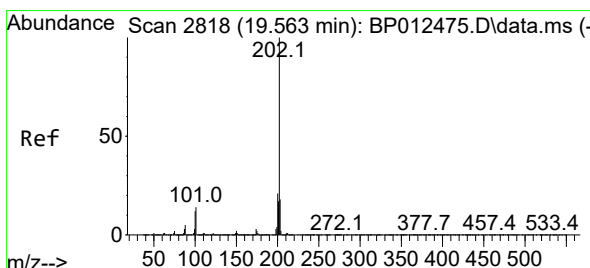
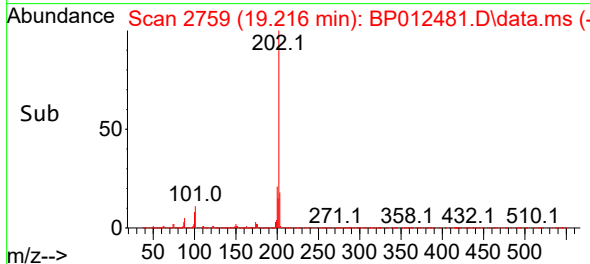
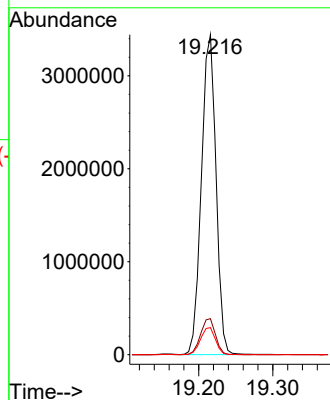
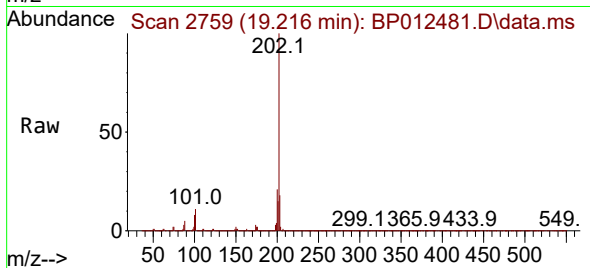
Tgt Ion:202 Resp: 4719959

Ion Ratio Lower Upper

202 100

101 11.3 9.9 14.9

100 8.4 7.4 11.2



#82

Pyrene

Concen: 37.692 ng/ul

RT: 19.569 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

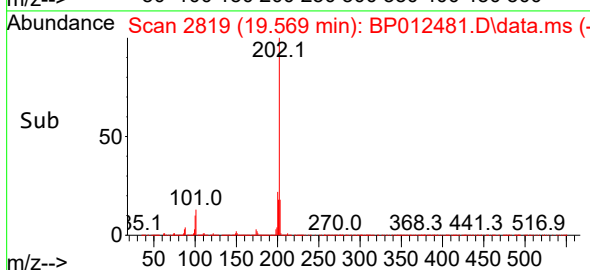
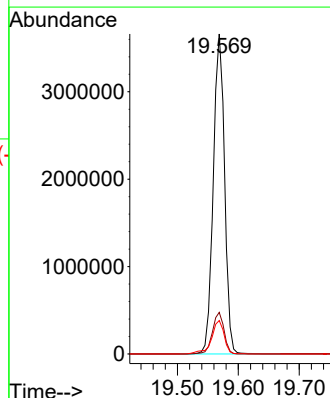
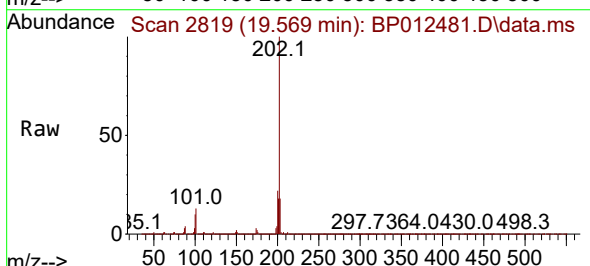
Tgt Ion:202 Resp: 4710853

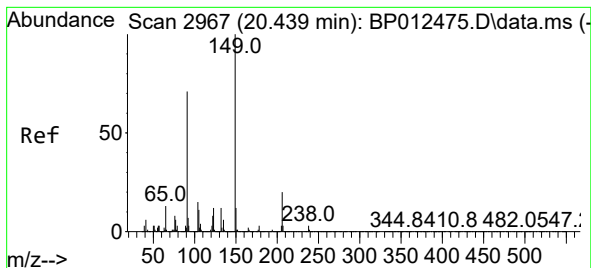
Ion Ratio Lower Upper

202 100

101 13.0 11.8 17.6

100 10.5 9.3 13.9





#83

Butylbenzylphthalate

Concen: 47.242 ng/ul

RT: 20.445 min Scan# 2968

Delta R.T. 0.000 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

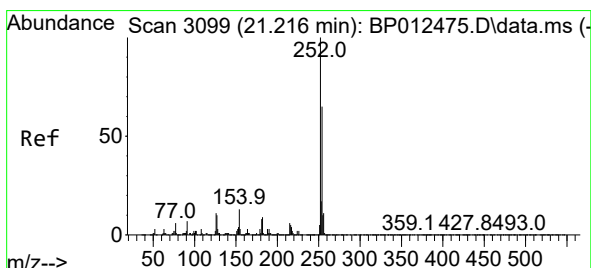
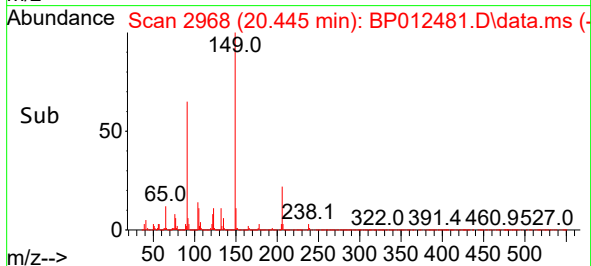
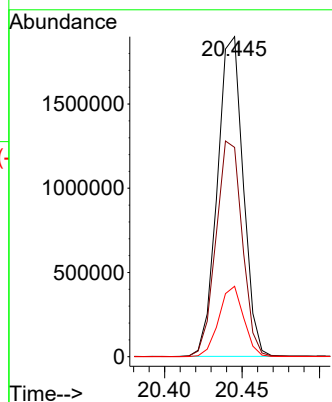
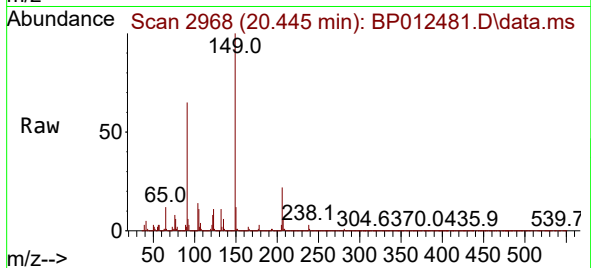
Tgt Ion:149 Resp: 2201330

Ion Ratio Lower Upper

149 100

91 65.4 56.9 85.3

206 22.0 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 25.348 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

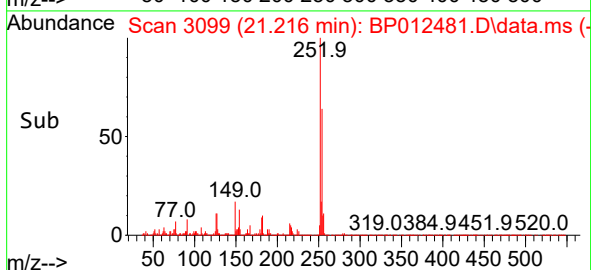
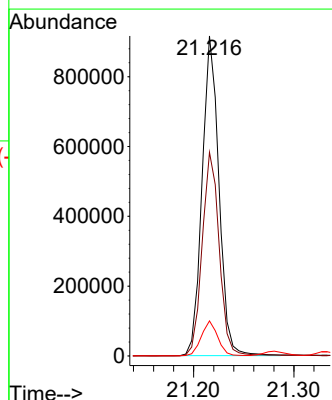
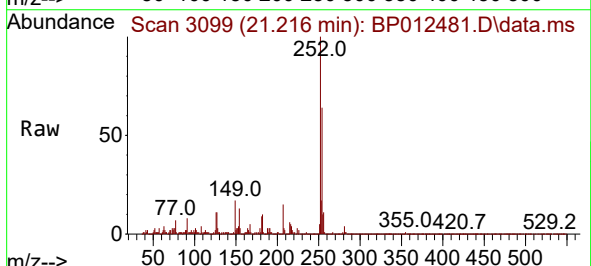
Tgt Ion:252 Resp: 1071858

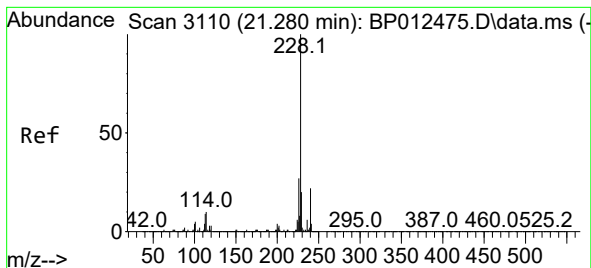
Ion Ratio Lower Upper

252 100

254 63.6 51.8 77.8

126 11.0 9.0 13.4





#85

Benzo(a)anthracene

Concen: 35.535 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

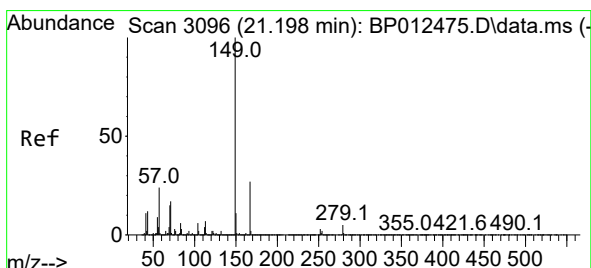
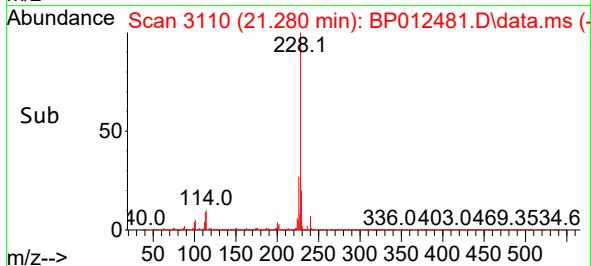
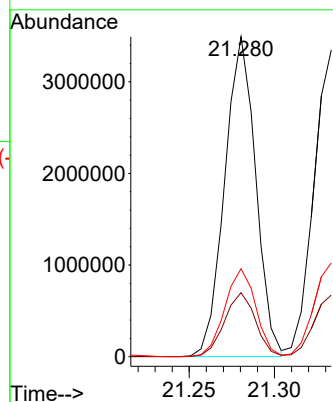
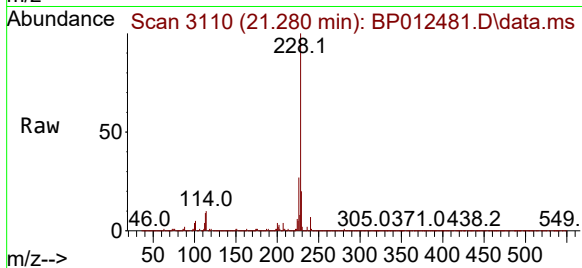
Tgt Ion:228 Resp: 4413054

Ion Ratio Lower Upper

228 100

229 20.0 16.2 24.2

226 27.5 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 44.106 ng/ul

RT: 21.198 min Scan# 3096

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

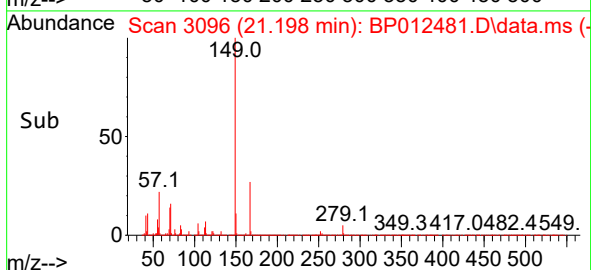
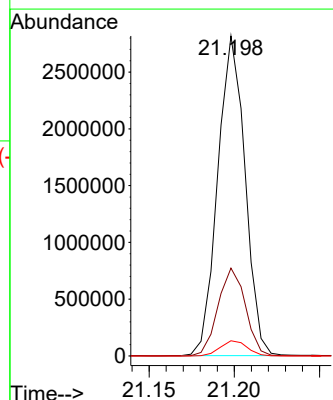
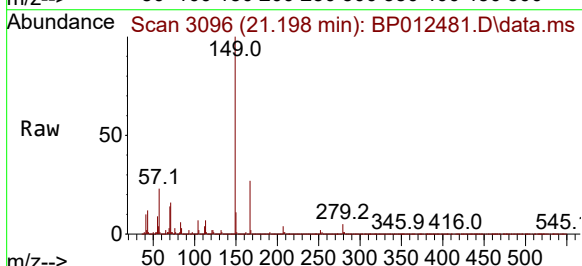
Tgt Ion:149 Resp: 3142620

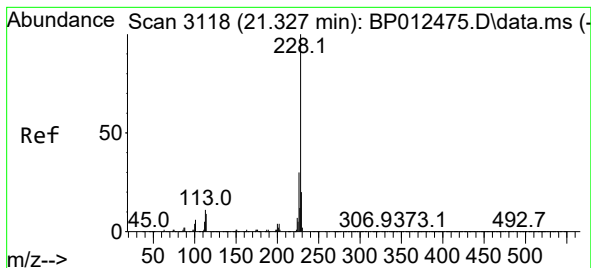
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.7 3.7 5.5





#87

Chrysene

Concen: 36.040 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

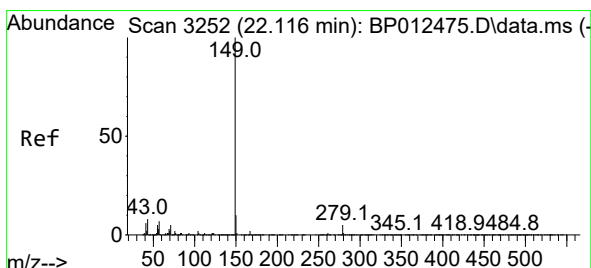
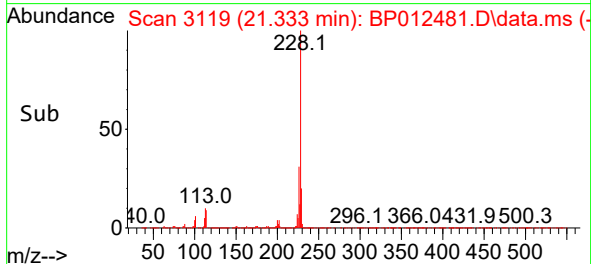
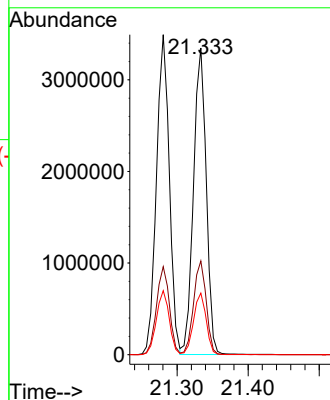
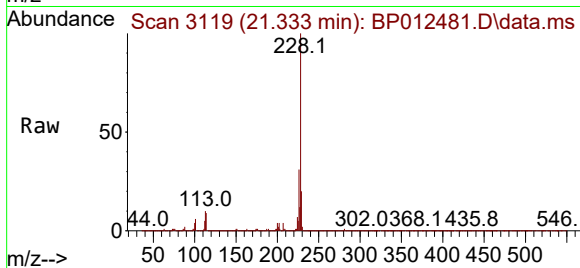
Tgt Ion:228 Resp: 4184122

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

229 20.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 48.709 ng/ul

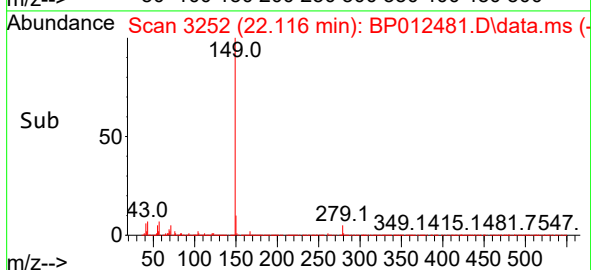
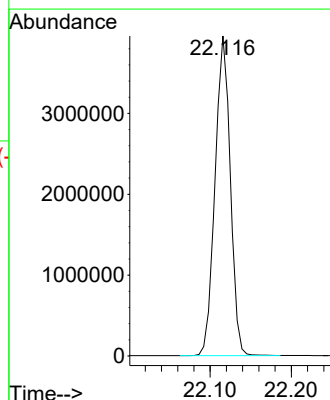
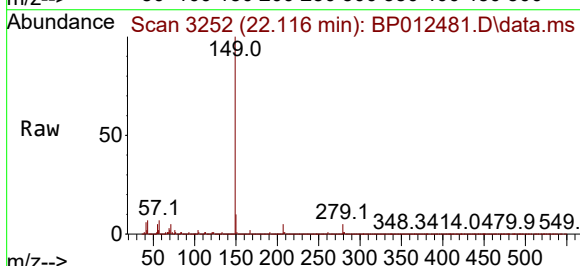
RT: 22.116 min Scan# 3252

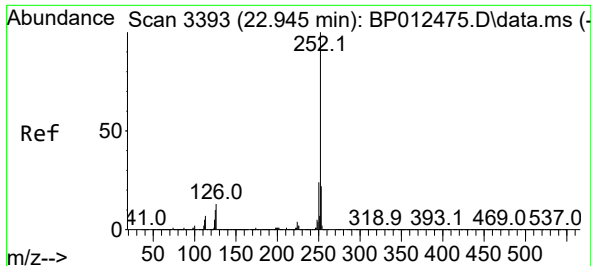
Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Tgt Ion:149 Resp: 5171844

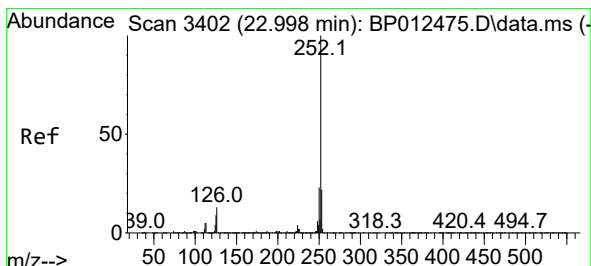
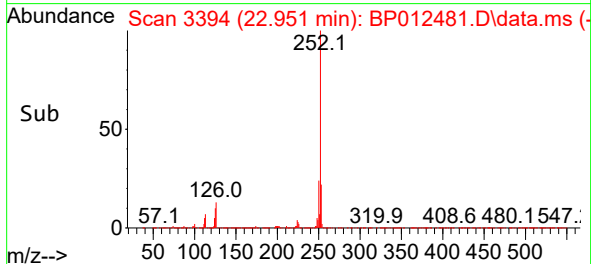
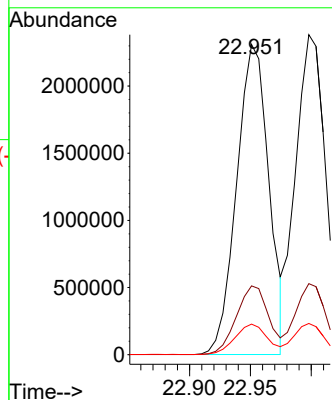
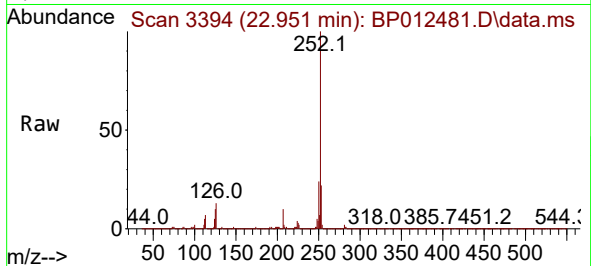




#90
Benzo(b)fluoranthene
Concen: 37.702 ng/ul
RT: 22.951 min Scan# 31
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

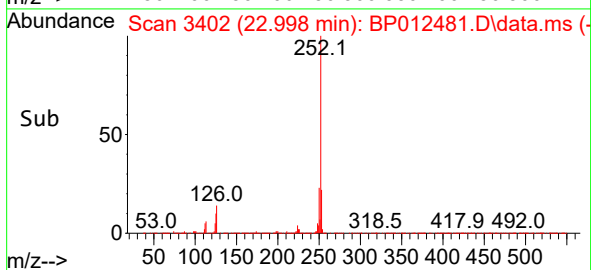
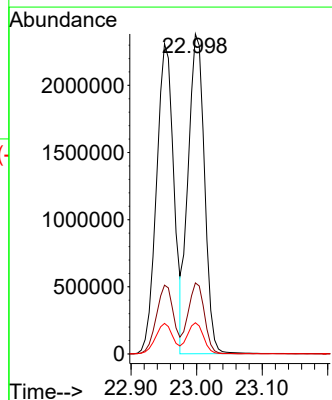
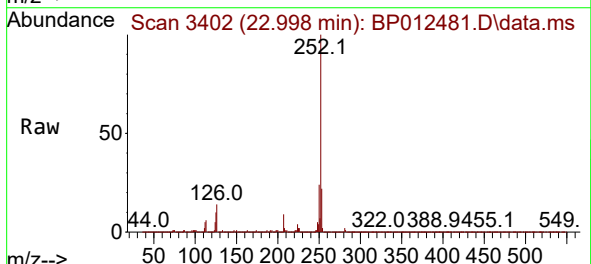
Instrument :
BNA_P
ClientSampleId :

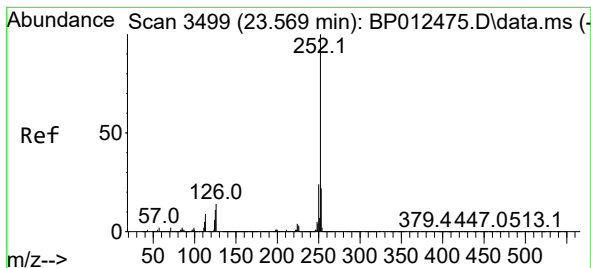
Tgt Ion:252 Resp: 4249730
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.8 8.7 13.1



#91
Benzo(k)fluoranthene
Concen: 38.265 ng/ul
RT: 22.998 min Scan# 3402
Delta R.T. -0.005 min
Lab File: BP012481.D
Acq: 03 Nov 2022 09:09

Tgt Ion:252 Resp: 4110599
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.8 8.7 13.1





#93

Benzo(a)pyrene

Concen: 36.245 ng/ul

RT: 23.574 min Scan# 3

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

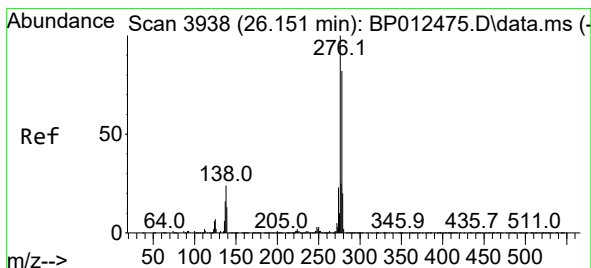
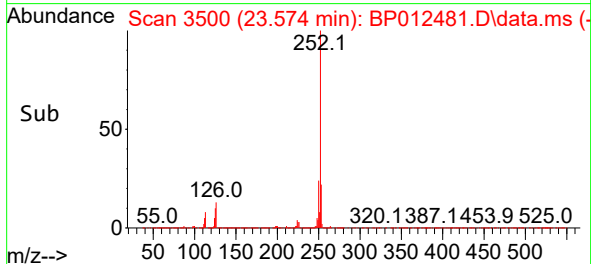
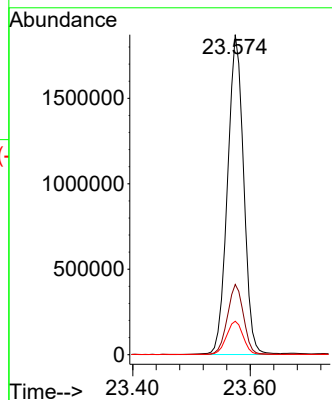
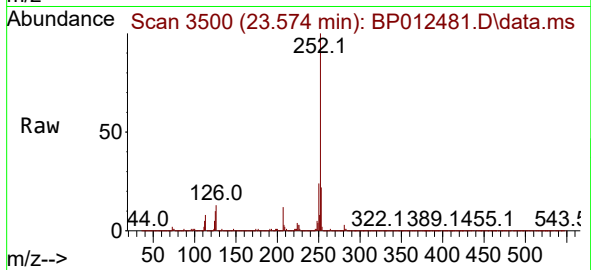
Tgt Ion:252 Resp: 3567814

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 10.4 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.629 ng/ul

RT: 26.157 min Scan# 3939

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

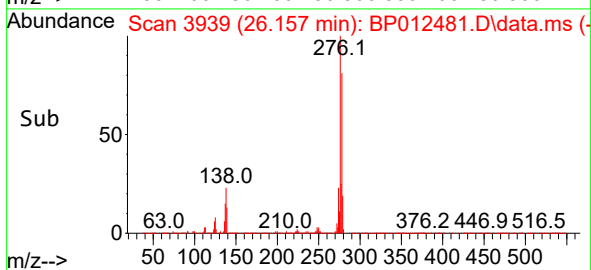
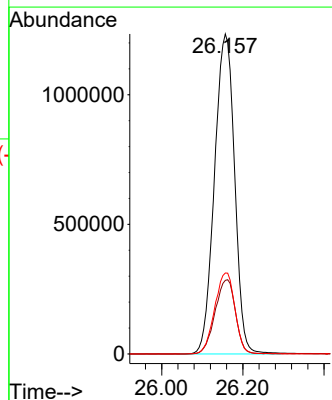
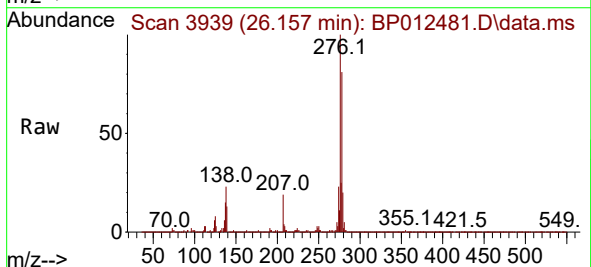
Tgt Ion:276 Resp: 4247525

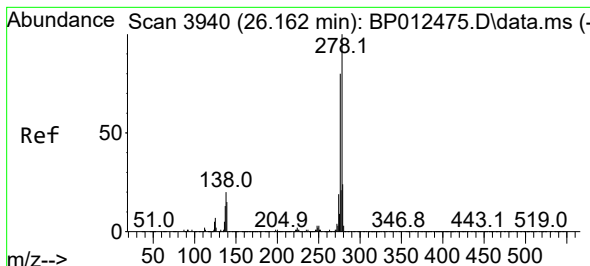
Ion Ratio Lower Upper

276 100

138 23.0 20.7 31.1

277 25.3 20.2 30.4





#95

Dibenzo(a,h)anthracene

Concen: 33.318 ng/ul

RT: 26.168 min Scan# 3941

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Instrument :

BNA_P

ClientSampleId :

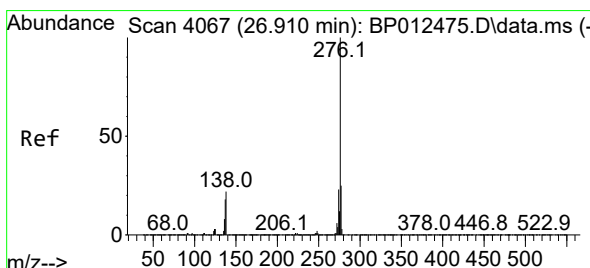
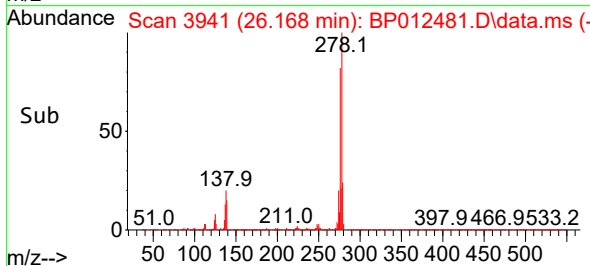
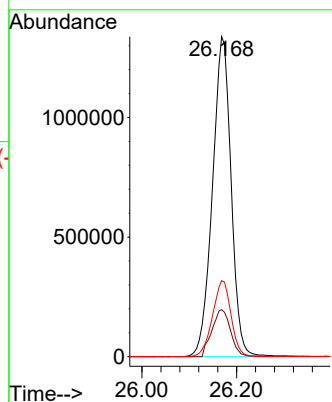
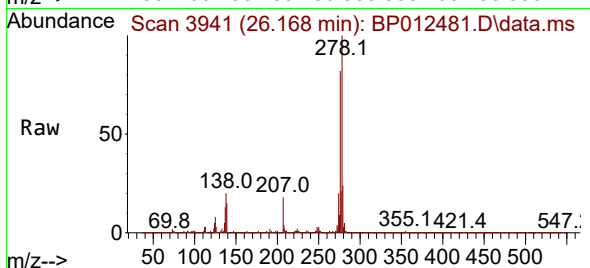
Tgt Ion:278 Resp: 3659244

Ion Ratio Lower Upper

278 100

139 14.7 13.2 19.8

279 23.7 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 32.911 ng/ul

RT: 26.915 min Scan# 4068

Delta R.T. -0.005 min

Lab File: BP012481.D

Acq: 03 Nov 2022 09:09

Tgt Ion:276 Resp: 3568466

Ion Ratio Lower Upper

276 100

138 21.3 17.8 26.8

277 24.1 19.5 29.3

