

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050923\
 Data File : BP015019.D
 Acq On : 09 May 2023 13:26
 Operator : CG/JU
 Sample : 02609-15MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREJ4MS

Quant Time: May 09 22:12:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	301424	20.000	ng/u1	0.00
20) Naphthalene-d8	10.993	136	1635686	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.804	164	1008455	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	2122632	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1659007	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1401817	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	31868	3.931	ng/uL	0.00
4) Pyridine-d5	3.899	84	163677	7.387	ng/u1	0.00
7) Phenol-d5	7.305	99	173602	6.643	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.475	67	454009	28.108	ng/u1	0.00
11) 2-Chlorophenol-d4	7.681	132	465383	24.219	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	330211	16.397	ng/u1	0.00
21) Nitrobenzene-d5	9.334	128	324289	27.876	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	374071	31.315	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.605	165	694516	29.611	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.128	131	379421	11.184	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	2364092	33.123	ng/u1	0.00
49) Acenaphthylene-d8	14.499	160	2637727	30.815	ng/u1	0.00
54) 4-Nitrophenol-d4	14.993	143	98168	7.906	ng/u1	0.00
60) Fluorene-d10	15.798	176	1977530	32.205	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	377438	31.587	ng/u1	0.00
73) Anthracene-d10	17.663	188	3060482	32.090	ng/u1	0.00
81) Pyrene-d10	19.881	212	3458395	30.908	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	2388168	34.965	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	41515	4.727	ng/uL	96
5) Pyridine	3.917	79	302960	13.134	ng/u1	98
6) Benzaldehyde	7.287	77	456793	63.932	ng/u1	99
8) Phenol	7.328	94	199190	7.260	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.569	93	657709	28.841	ng/u1	99
12) 2-Chlorophenol	7.716	128	500293	24.034	ng/u1	100
13) 2-Methylphenol	8.605	108	397006	19.406	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.693	45	821506	28.400	ng/u1	99
16) Acetophenone	8.993	105	1017131	30.889	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.975	70	520489	31.015	ng/u1	98
18) 4-Methylphenol	8.934	108	386537	17.092	ng/u1	96
19) Hexachloroethane	9.252	117	202484	22.420	ng/u1	98
22) Nitrobenzene	9.381	77	784160	25.654	ng/u1	96
23) Isophorone	9.911	82	1656917	27.428	ng/u1	100
25) 2-Nitrophenol	10.099	139	416994	30.353	ng/u1	96
26) 2,4-Dimethylphenol	10.152	107	691751	23.202	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.393	93	1118119	28.952	ng/u1	99
29) 2,4-Dichlorophenol	10.634	162	710733	29.296	ng/u1	99
30) Naphthalene	11.046	128	2381238	26.484	ng/u1	100
32) 4-Chloroaniline	11.152	127	836532	23.629	ng/u1	100
33) Hexachlorobutadiene	11.328	225	364256	23.269	ng/u1	98
34) Caprolactam	11.940	113	43171	5.776	ng/u1	97
35) 4-Chloro-3-methylphenol	12.263	107	743075	29.794	ng/u1	98
36) 2-Methylnaphthalene	12.640	142	1671449	30.061	ng/u1	99

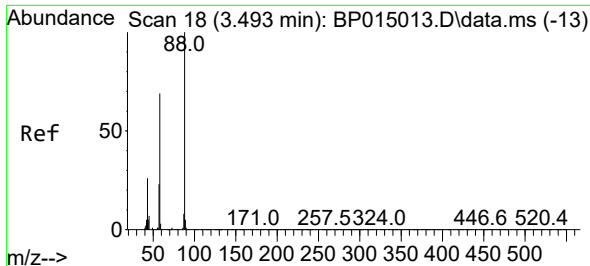
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.857	142	1723639	30.074	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.004	216	884274	28.111	ng/ul	99
40) Hexachlorocyclopentadiene	12.981	237	360289	16.986	ng/ul	97
41) 2,4,6-Trichlorophenol	13.240	196	630360	32.521	ng/ul	100
42) 2,4,5-Trichlorophenol	13.310	196	699756	33.496	ng/ul	98
43) 1,1'-Biphenyl	13.640	154	2348525	29.129	ng/ul	99
44) 2-Chloronaphthalene	13.687	162	1823919	29.042	ng/ul	100
45) 2-Nitroaniline	13.887	65	569370	38.932	ng/ul	98
47) Dimethylphthalate	14.257	163	2450601	32.654	ng/ul	100
48) 2,6-Dinitrotoluene	14.381	165	522146	39.372	ng/ul	94
50) Acenaphthylene	14.528	152	2940343	30.299	ng/ul	99
51) 3-Nitroaniline	14.710	138	510800	42.568	ng/ul	96
52) Acenaphthene	14.869	153	2040348	30.383	ng/ul	99
53) 2,4-Dinitrophenol	14.916	184	179351	22.220	ng/ul	93
55) 4-Nitrophenol	15.004	109	76986	8.146	ng/ul	98
56) Dibenzofuran	15.204	168	2858436	31.545	ng/ul	99
57) 2,4-Dinitrotoluene	15.163	165	734914	39.564	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.428	232	584704	34.391	ng/ul	95
59) Diethylphthalate	15.610	149	2460840	34.702	ng/ul	98
61) Fluorene	15.851	166	2282327	31.930	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.840	204	1114805	31.870	ng/ul	97
63) 4-Nitroaniline	15.875	138	519068	51.826	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.934	198	389554	30.735	ng/ul#	94
67) N-Nitrosodiphenylamine	16.057	169	1696689	26.336	ng/ul	100
68) 4-Bromophenyl-phenylether	16.740	248	722581	32.724	ng/ul	96
69) Hexachlorobenzene	16.863	284	829254	31.882	ng/ul	96
70) Atrazine	17.010	200	603067	27.818	ng/ul	99
71) Pentachlorophenol	17.204	266	452656	29.813	ng/ul	98
72) Phenanthrene	17.604	178	3741657	31.907	ng/ul	99
74) Anthracene	17.698	178	3715669	31.826	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.610	216	913404	25.995	ng/uL	97
76) Pentachlorobenzene	15.122	250	936505	28.014	ng/uL	100
77) Carbazole	17.963	167	3481790	35.457	ng/ul	99
78) Di-n-butylphthalate	18.492	149	4306253	39.217	ng/ul	99
80) Fluoranthene	19.557	202	4280787	31.178	ng/ul	98
82) Pyrene	19.910	202	4330693	29.771	ng/ul	98
83) Butylbenzylphthalate	20.763	149	1916238	43.876	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.551	252	589197	21.101	ng/ul	97
85) Benzo(a)anthracene	21.628	228	3825597	34.548	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.522	149	2792948	50.825	ng/ul	100
87) Chrysene	21.686	228	3603738	32.321	ng/ul	100
89) Di-n-octyl phthalate	22.516	149	4656052	56.885	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	3276490	36.165	ng/ul	99
91) Benzo(k)fluoranthene	23.492	252	3160438	34.277	ng/ul	100
93) Benzo(a)pyrene	24.127	252	2666698	33.563	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.004	276	3249580	33.529	ng/ul	98
95) Dibenzo(a,h)anthracene	27.021	278	2699065	33.978	ng/ul	100
96) Benzo(g,h,i)perylene	27.857	276	2646337	32.082	ng/ul	99

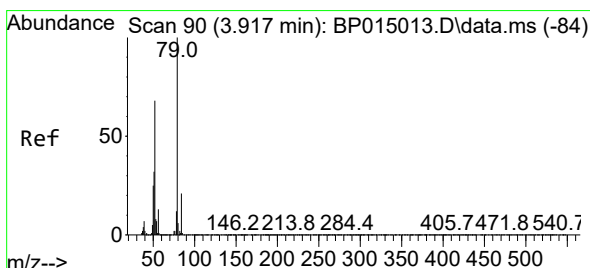
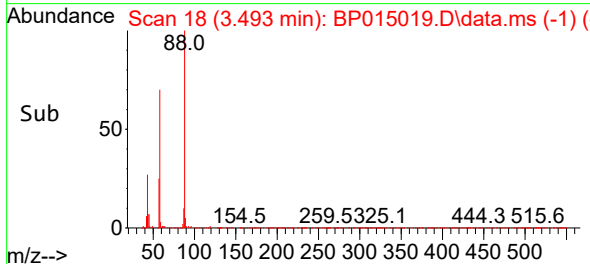
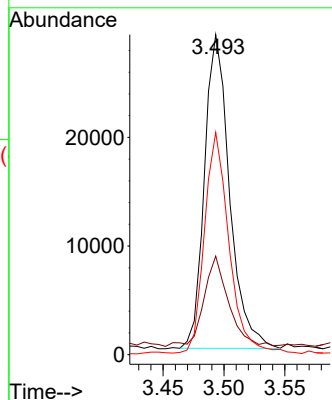
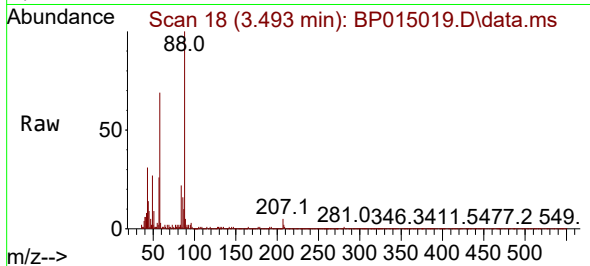
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#2
1,4-Dioxane
Concen: 4.727 ng/uL
RT: 3.493 min Scan# 18
Delta R.T. -0.006 min
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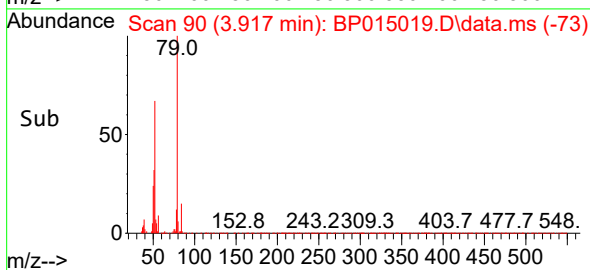
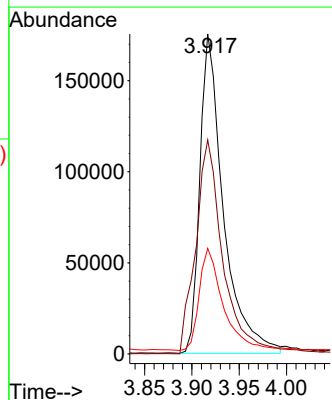
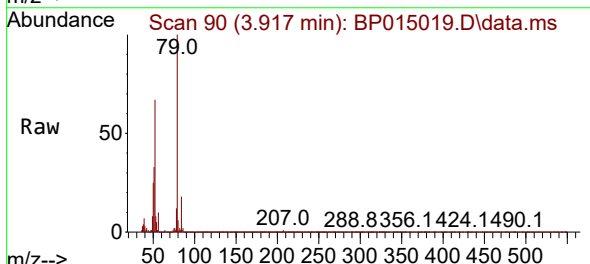
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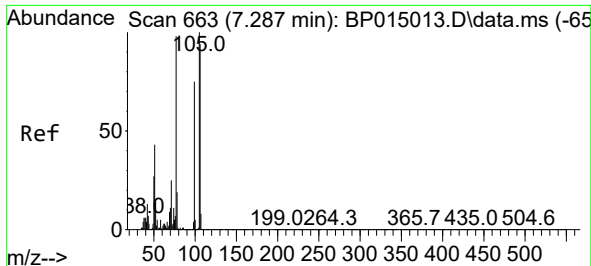
Tgt Ion: 88 Resp: 41515
Ion Ratio Lower Upper
88 100
43 30.8 20.6 31.0
58 69.5 54.4 81.6



#5
Pyridine
Concen: 13.134 ng/uL
RT: 3.917 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion: 79 Resp: 302960
Ion Ratio Lower Upper
79 100
52 66.9 54.7 82.1
51 33.0 25.5 38.3

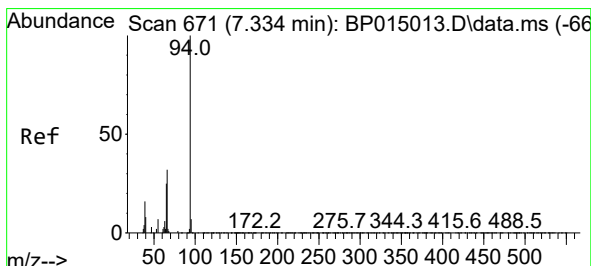
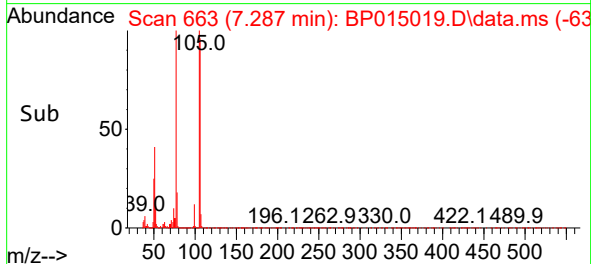
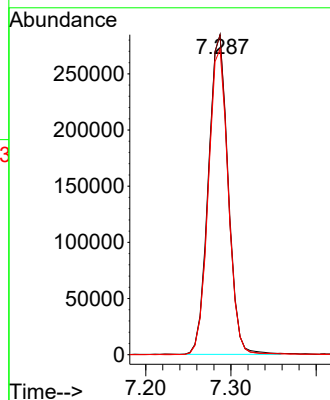
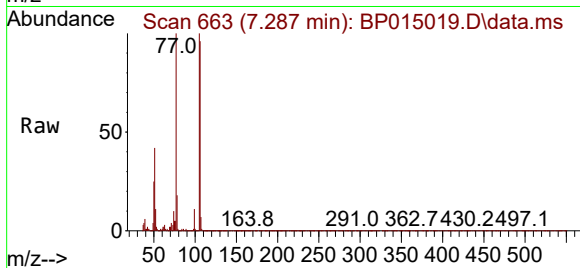




#6
Benzaldehyde
Concen: 63.932 ng/ul
RT: 7.287 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

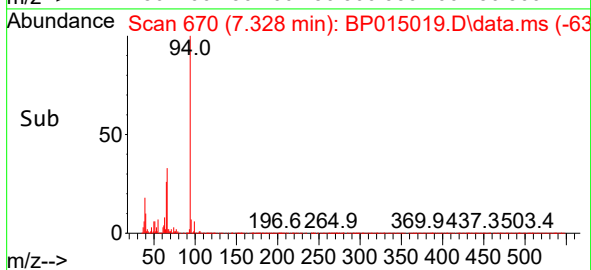
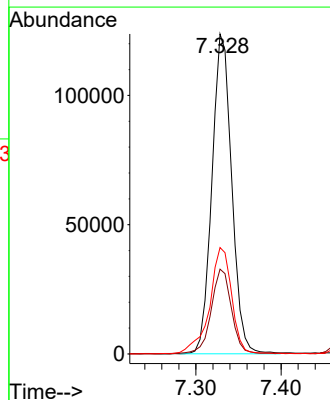
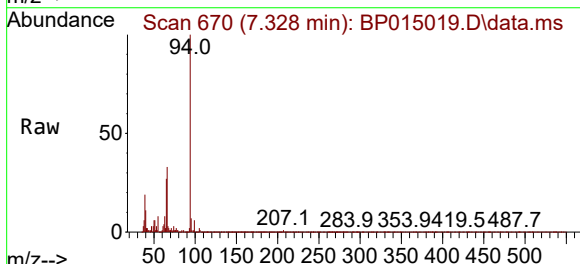
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ClientSampleId :
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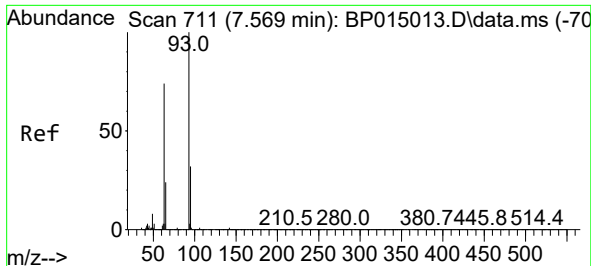
Tgt Ion: 77 Resp: 456793
Ion Ratio Lower Upper
77 100
105 99.9 80.7 121.1
106 95.5 77.6 116.4



#8
Phenol
Concen: 7.260 ng/ul
RT: 7.328 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion: 94 Resp: 199190
Ion Ratio Lower Upper
94 100
65 26.5 21.4 32.0
66 33.2 25.8 38.8



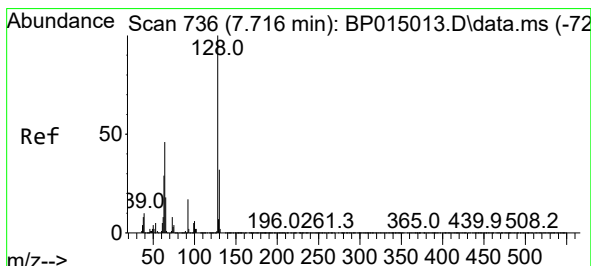
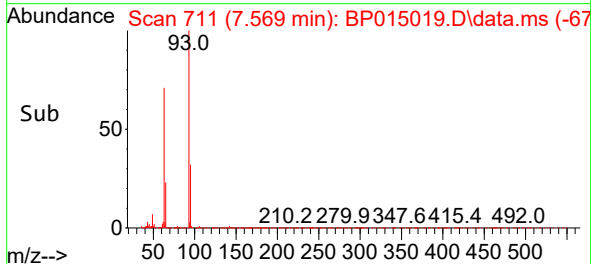
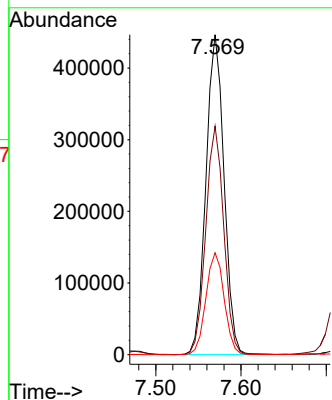
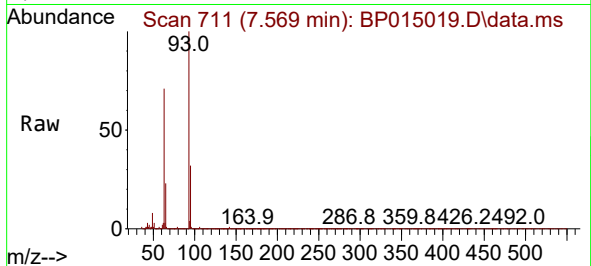


#10
 Bis(2-Chloroethyl)ether
 Concen: 28.841 ng/ul
 RT: 7.569 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: BP015019.D
 Acq: 09 May 2023 13:26

Instrument :
 BNA_P
 ClientSampleId :
 JREJ4MS

Tgt Ion: 93 Resp: 657709

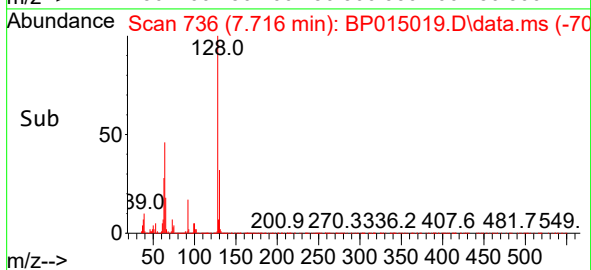
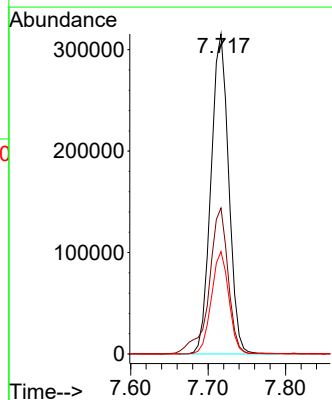
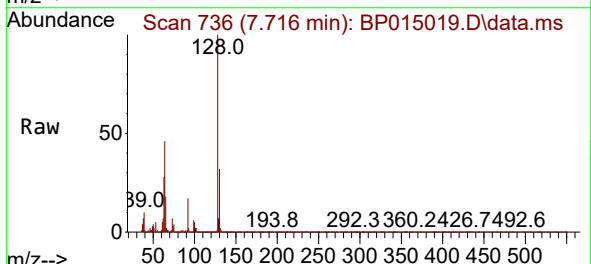
Ion	Ratio	Lower	Upper
93	100		
63	71.4	58.1	87.1
95	31.9	26.0	39.0

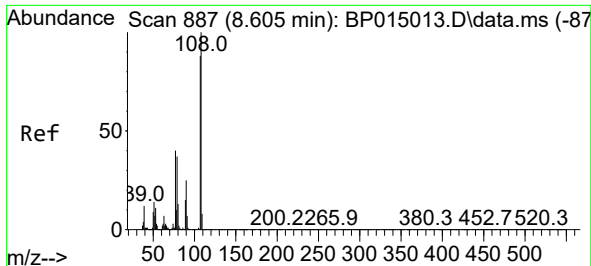


#12
 2-Chlorophenol
 Concen: 24.034 ng/ul
 RT: 7.716 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: BP015019.D
 Acq: 09 May 2023 13:26

Tgt Ion:128 Resp: 500293

Ion	Ratio	Lower	Upper
128	100		
64	45.6	36.6	55.0
130	32.0	25.8	38.8

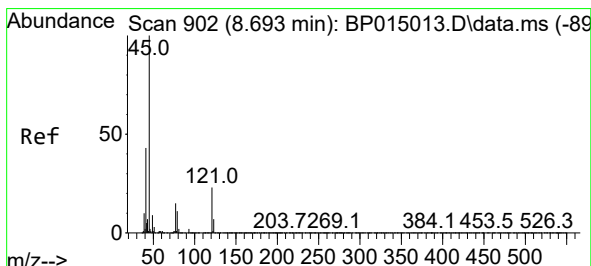
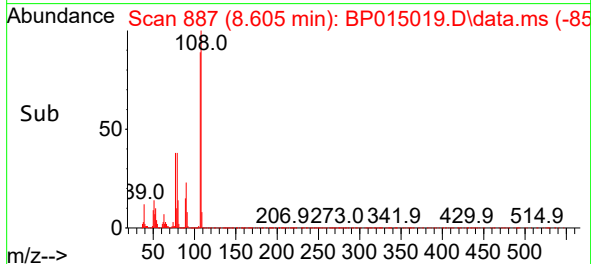
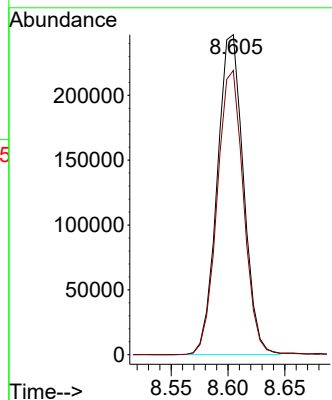
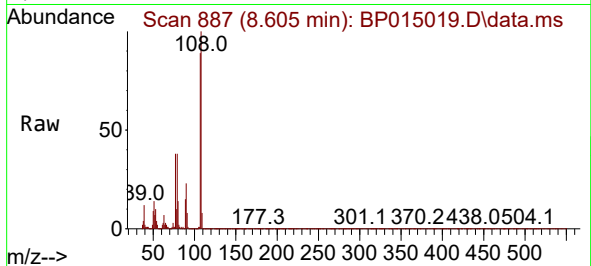




#13
2-Methylphenol
Concen: 19.406 ng/ul
RT: 8.605 min Scan# 887
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

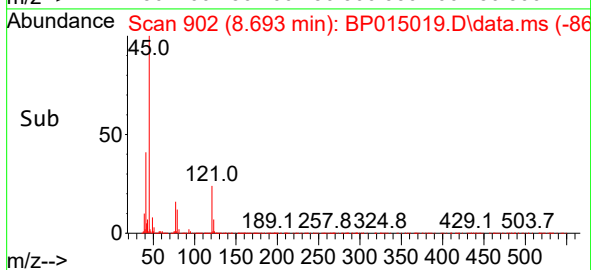
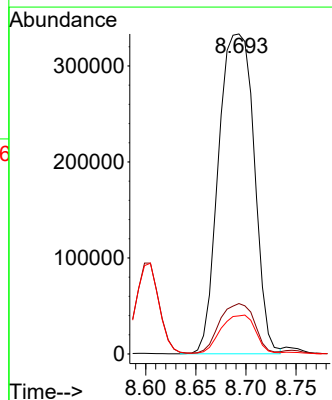
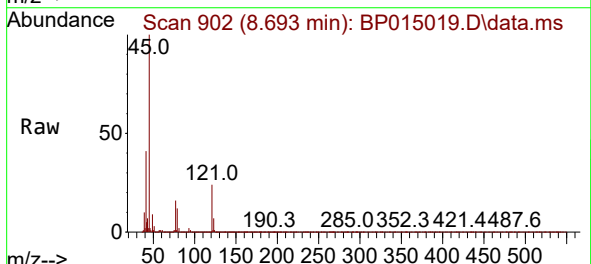
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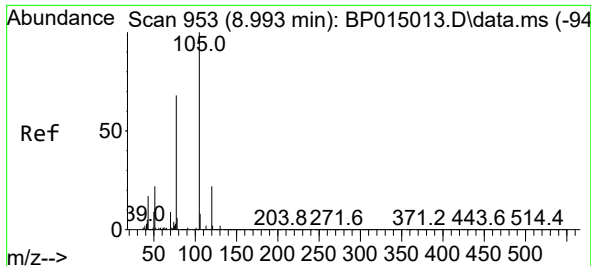
Tgt Ion:108 Resp: 397006
Ion Ratio Lower Upper
108 100
107 88.8 71.7 107.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.400 ng/ul
RT: 8.693 min Scan# 902
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion: 45 Resp: 821506
Ion Ratio Lower Upper
45 100
77 15.8 12.3 18.5
79 11.9 9.5 14.3

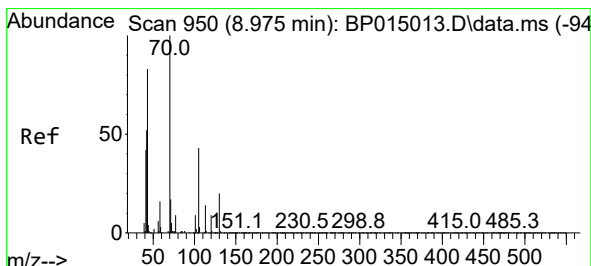
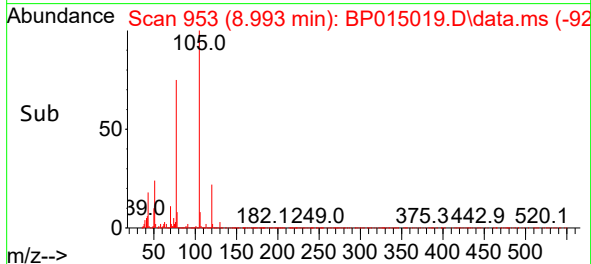
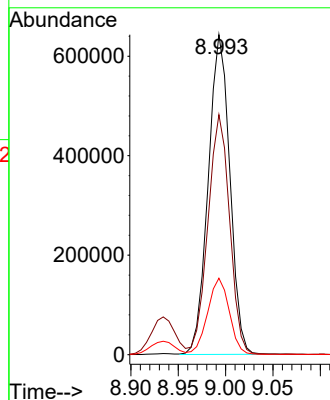
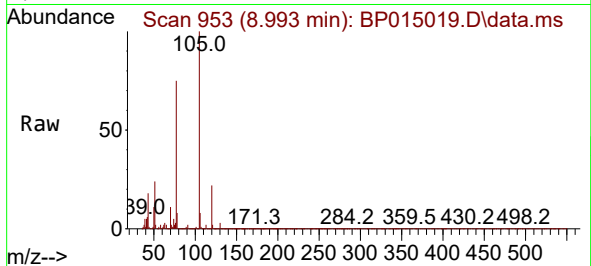




#16
Acetophenone
Concen: 30.889 ng/ul
RT: 8.993 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015019.D
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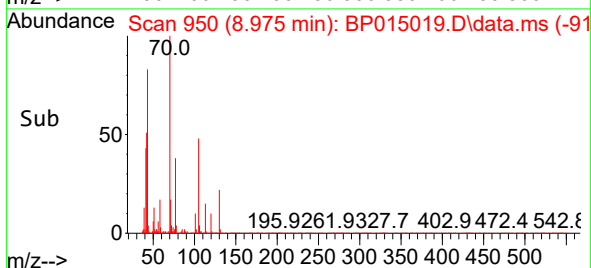
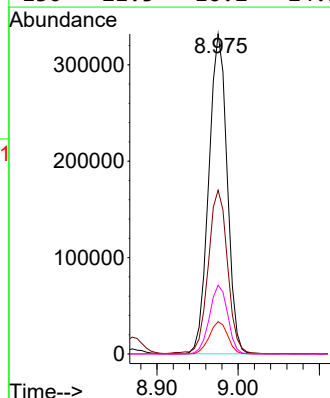
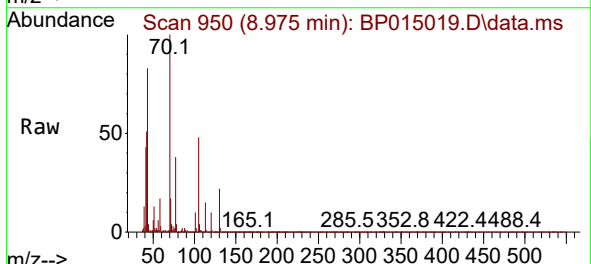
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ClientSampleId :
JREJ4MS

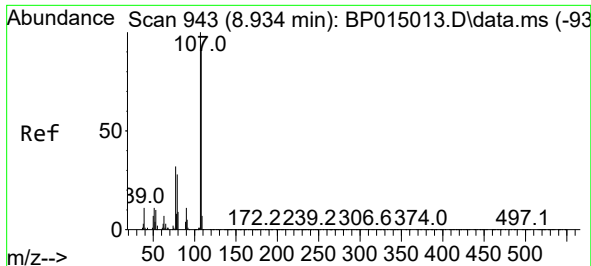
Tgt Ion:105 Resp: 1017131
Ion Ratio Lower Upper
105 100
77 75.0 61.2 91.8
51 23.9 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 31.015 ng/ul
RT: 8.975 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion: 70 Resp: 520489
Ion Ratio Lower Upper
70 100
42 51.2 41.9 62.9
101 10.1 7.7 11.5
130 21.5 16.2 24.2

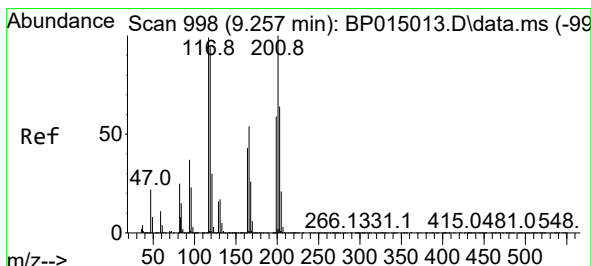
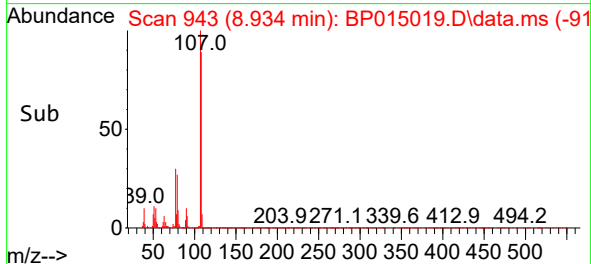
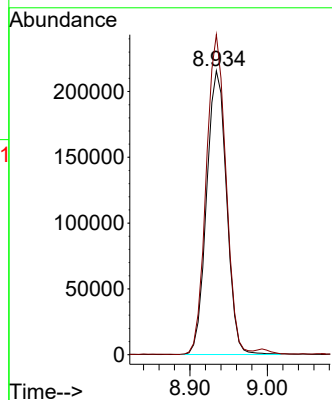
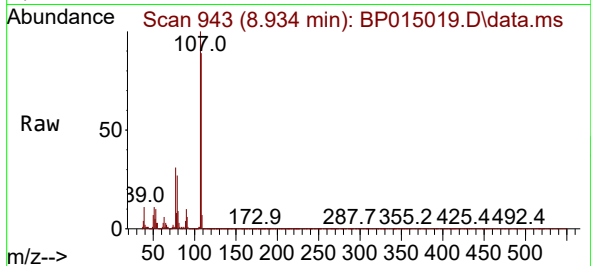




#18
4-Methylphenol
Concen: 17.092 ng/ul
RT: 8.934 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

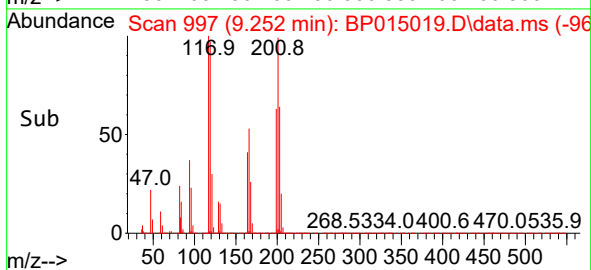
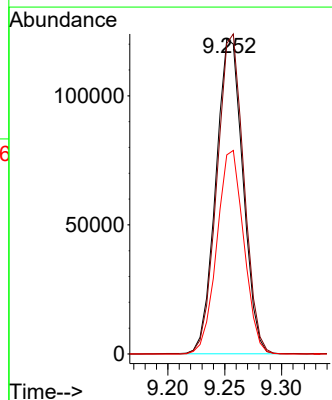
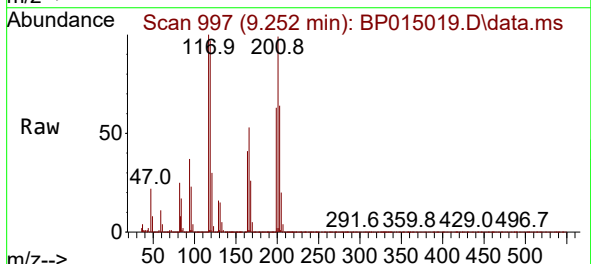
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

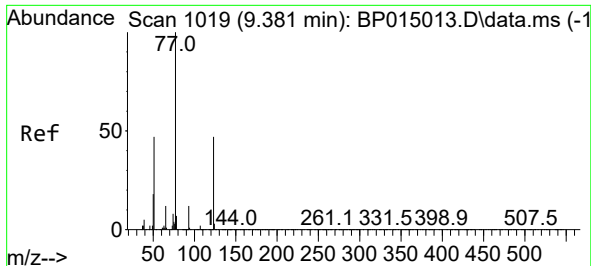
Tgt Ion:108 Resp: 386537
Ion Ratio Lower Upper
108 100
107 112.8 87.2 130.8



#19
Hexachloroethane
Concen: 22.420 ng/ul
RT: 9.252 min Scan# 997
Delta R.T. -0.012 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:117 Resp: 202484
Ion Ratio Lower Upper
117 100
201 98.7 78.9 118.3
199 63.3 48.3 72.5

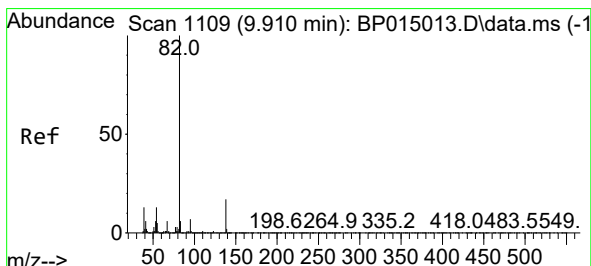
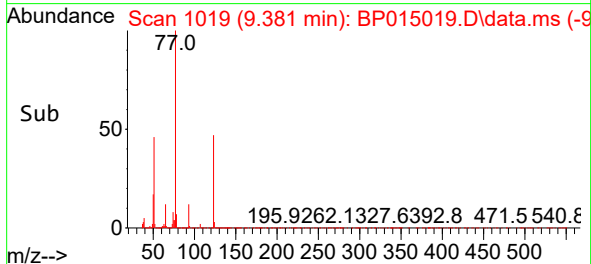
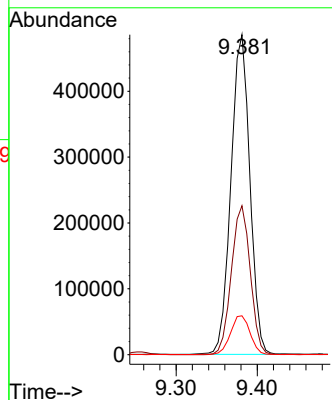
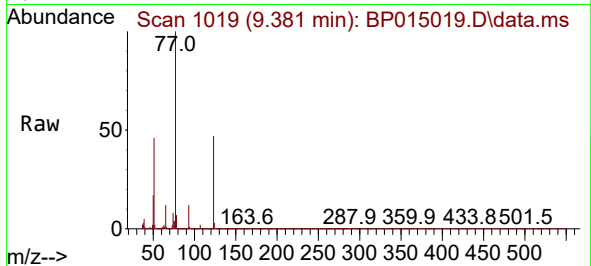




#22
Nitrobenzene
Concen: 25.654 ng/ul
RT: 9.381 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

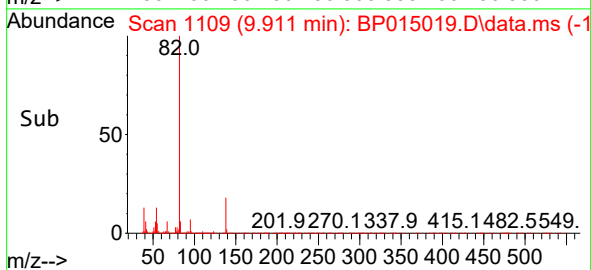
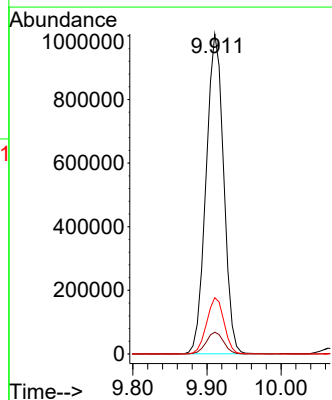
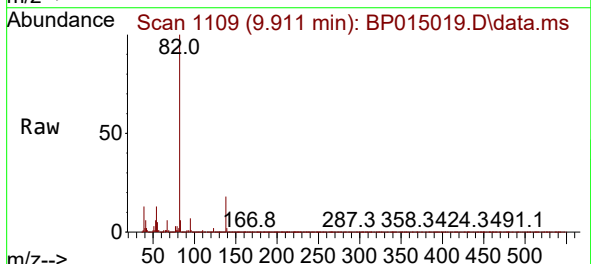
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

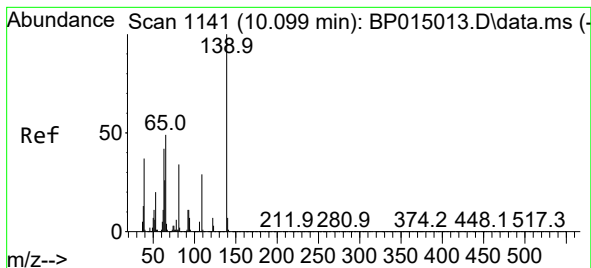
Tgt Ion: 77 Resp: 784160
Ion Ratio Lower Upper
77 100
123 46.5 34.8 52.2
65 12.2 10.2 15.2



#23
Isophorone
Concen: 27.428 ng/ul
RT: 9.911 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion: 82 Resp: 1656917
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 17.6 13.9 20.9

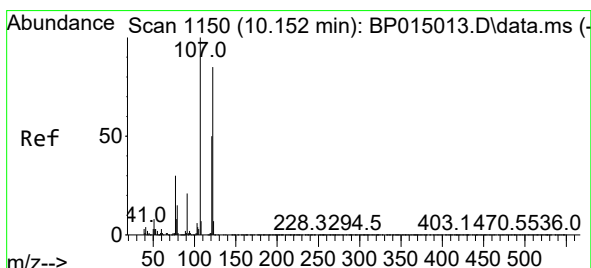
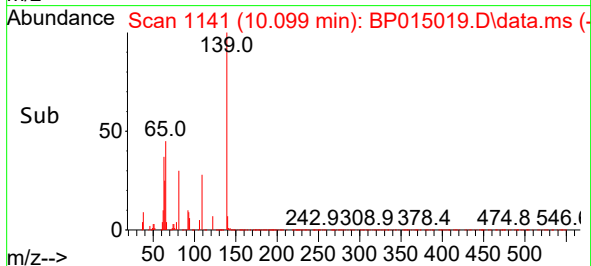
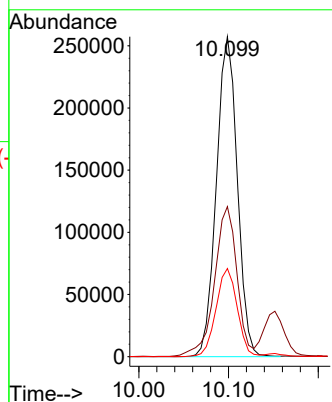
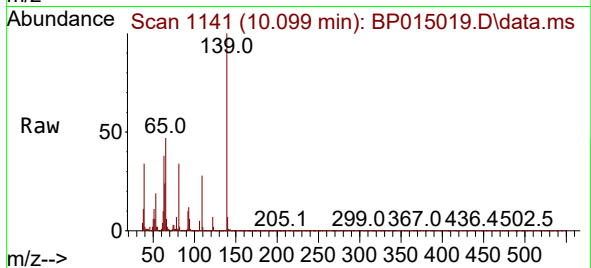




#25
2-Nitrophenol
Concen: 30.353 ng/ul
RT: 10.099 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

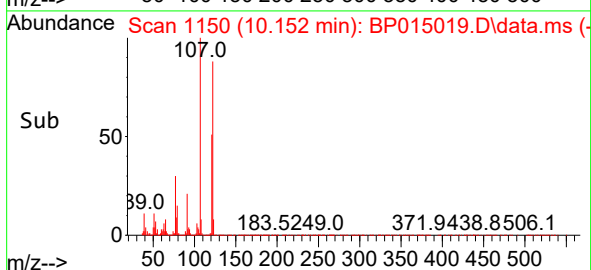
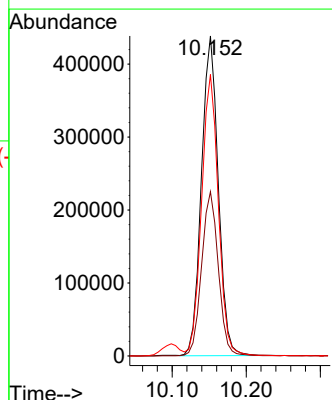
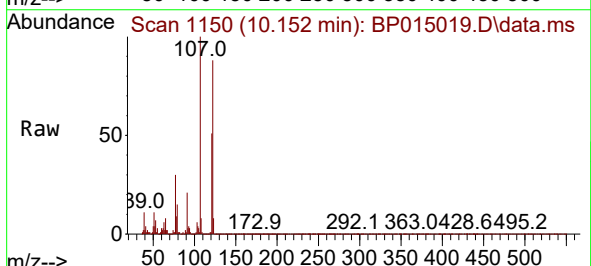
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

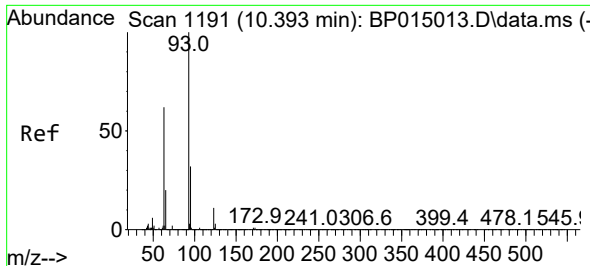
Tgt Ion:139 Resp: 416994
Ion Ratio Lower Upper
139 100
65 46.9 40.5 60.7
109 27.6 22.4 33.6



#26
2,4-Dimethylphenol
Concen: 23.202 ng/ul
RT: 10.152 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:107 Resp: 691751
Ion Ratio Lower Upper
107 100
121 51.4 40.2 60.2
122 87.9 69.6 104.4

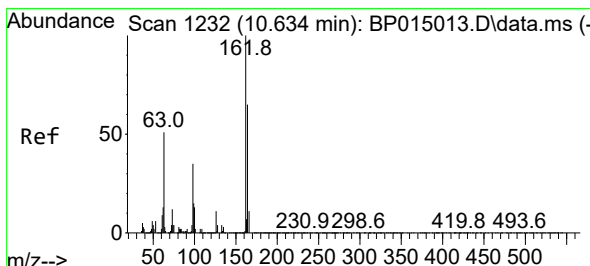
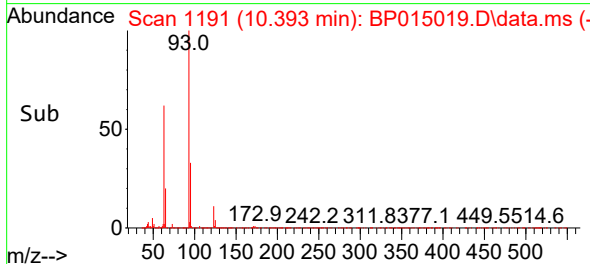
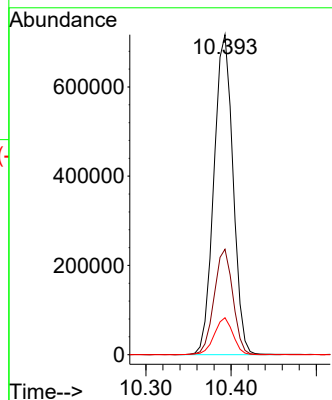
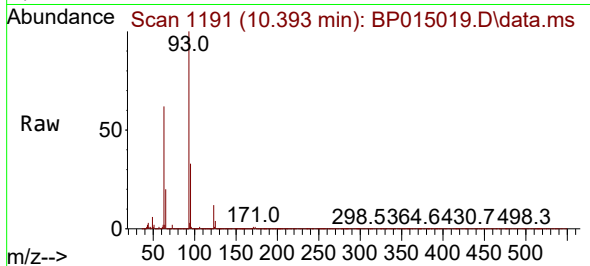




#27
Bis(2-Chloroethoxy)methane
Concen: 28.952 ng/ul
RT: 10.393 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

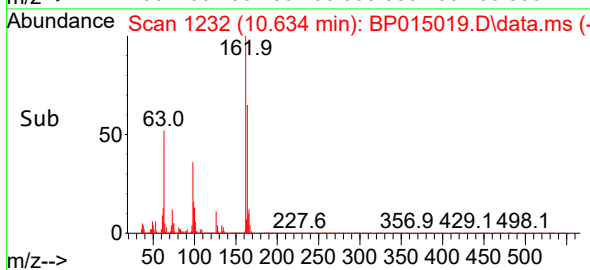
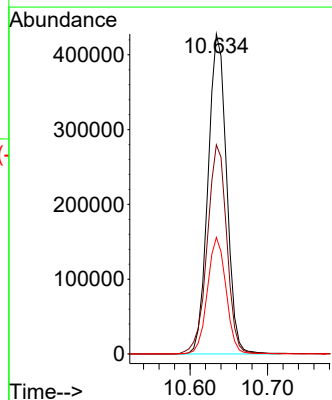
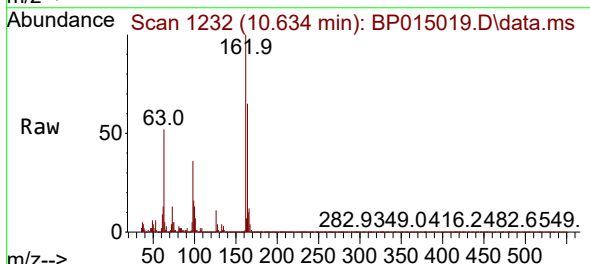
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

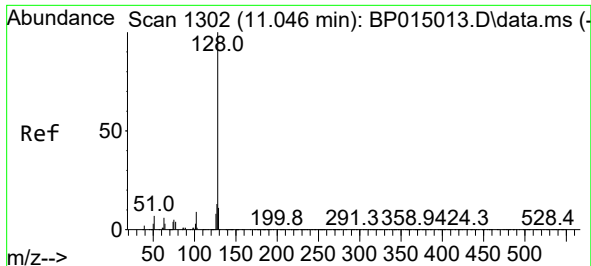
Tgt Ion: 93 Resp: 1118119
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.5 9.0 13.4



#29
2,4-Dichlorophenol
Concen: 29.296 ng/ul
RT: 10.634 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion: 162 Resp: 710733
Ion Ratio Lower Upper
162 100
164 65.4 51.5 77.3
98 36.4 28.8 43.2

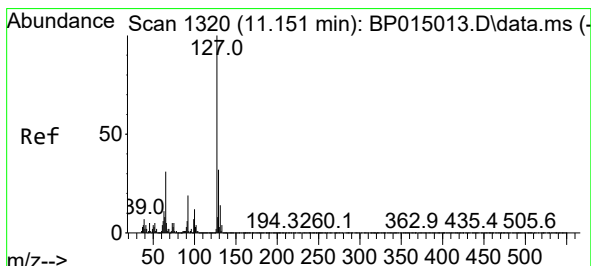
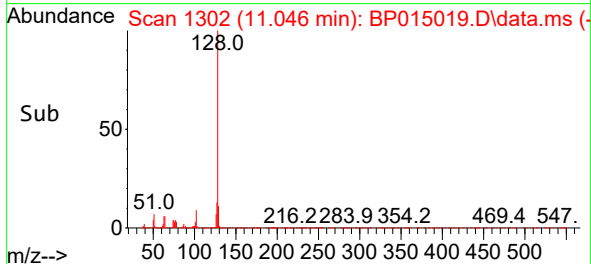
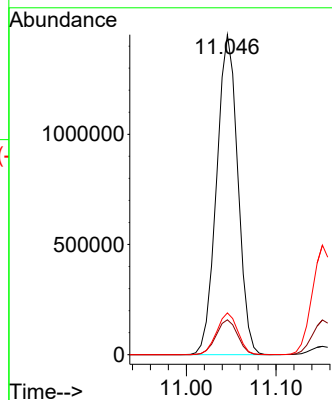
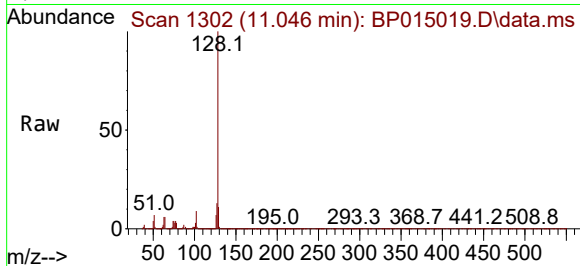




#30
Naphthalene
Concen: 26.484 ng/ul
RT: 11.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

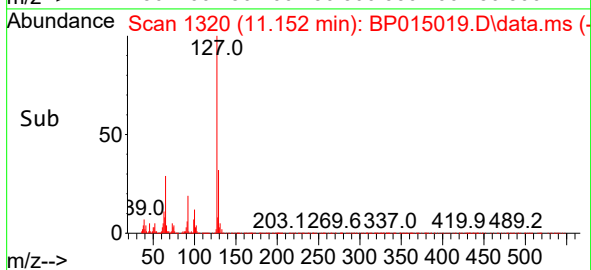
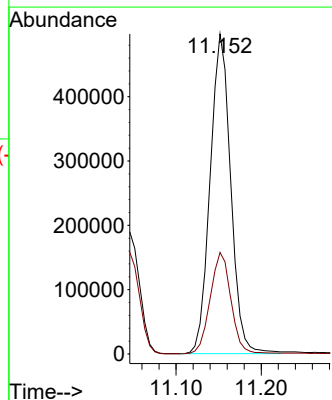
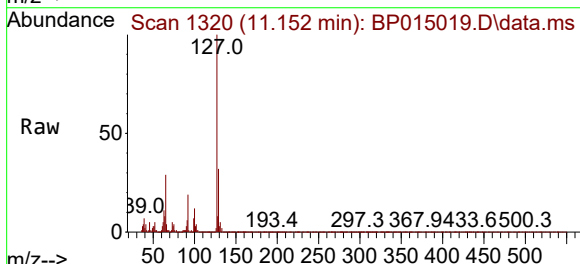
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

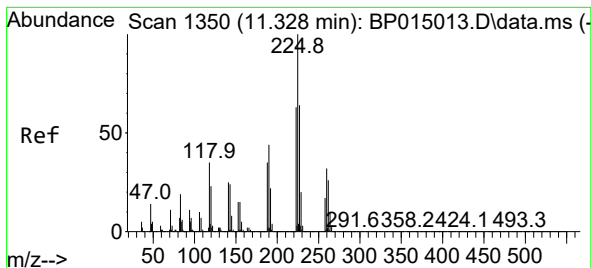
Tgt Ion:128 Resp: 2381238
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 23.629 ng/ul
RT: 11.152 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:127 Resp: 836532
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3





#33

Hexachlorobutadiene

Concen: 23.269 ng/ul

RT: 11.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

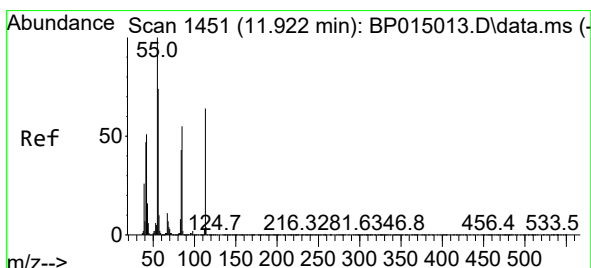
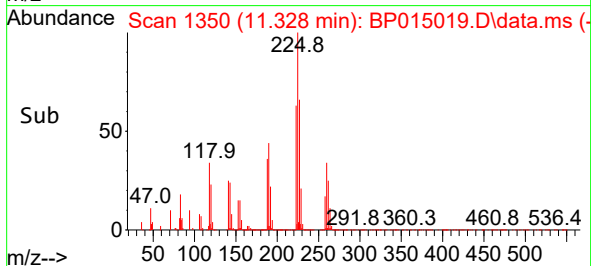
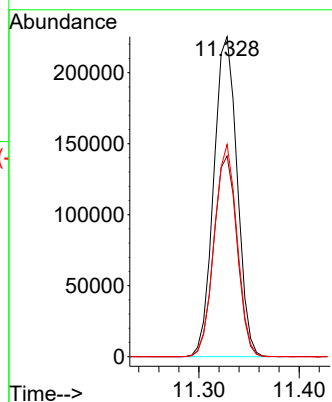
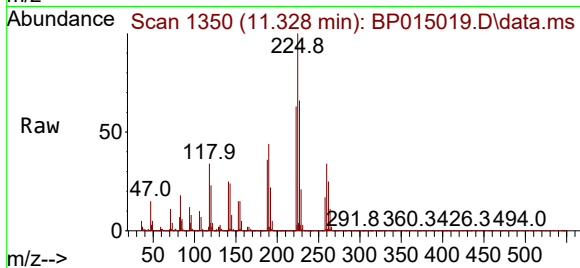
Tgt Ion:225 Resp: 364256

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

227 66.4 51.4 77.0



#34

Caprolactam

Concen: 5.776 ng/ul

RT: 11.940 min Scan# 1454

Delta R.T. 0.012 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

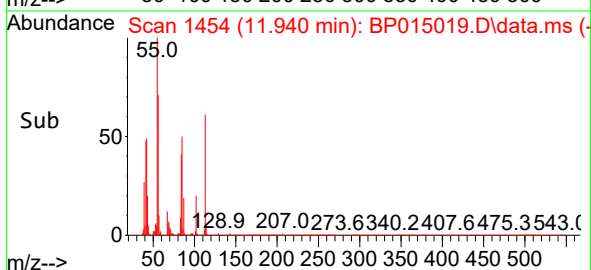
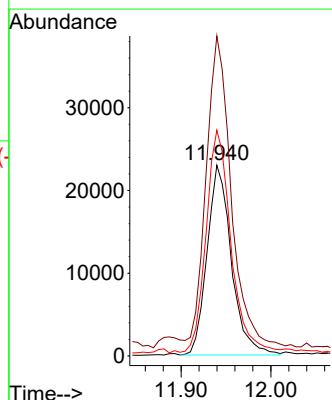
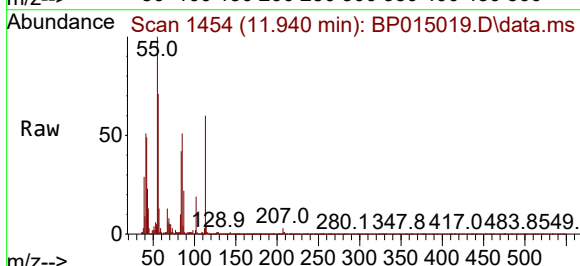
Tgt Ion:113 Resp: 43171

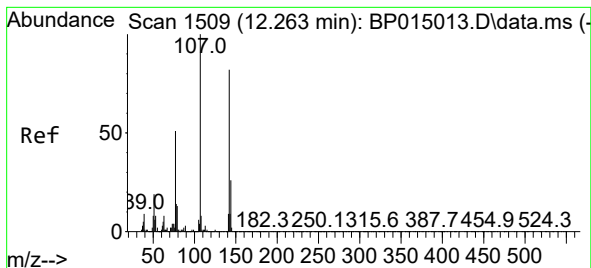
Ion Ratio Lower Upper

113 100

55 167.8 128.5 192.7

56 118.4 94.3 141.5

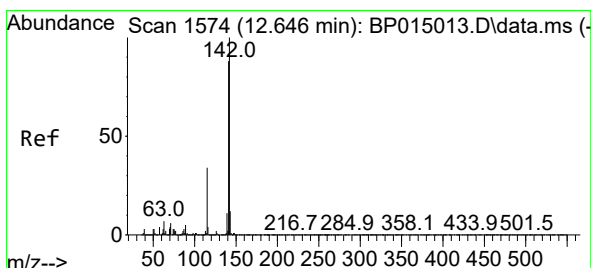
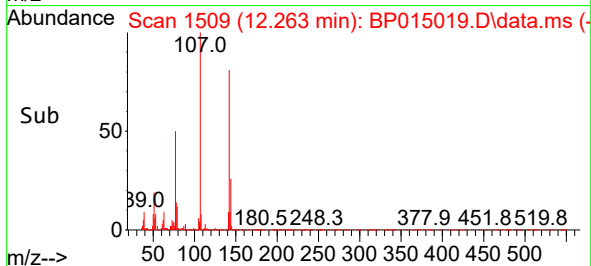
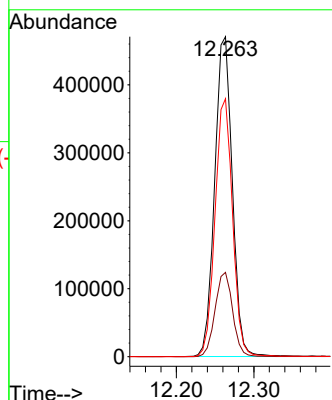
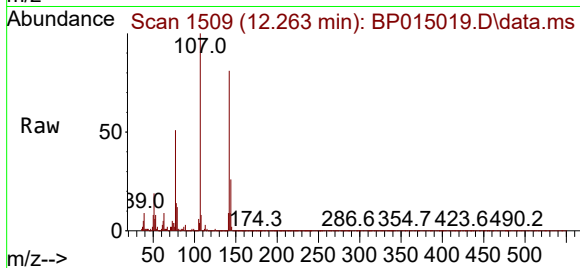




#35
4-Chloro-3-methylphenol
Concen: 29.794 ng/ul
RT: 12.263 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

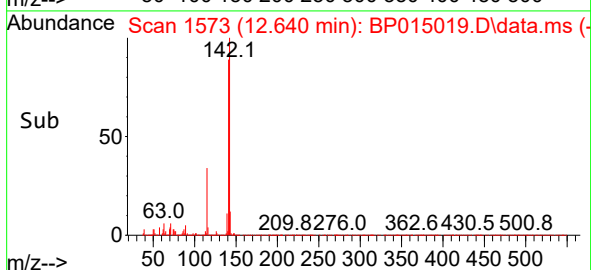
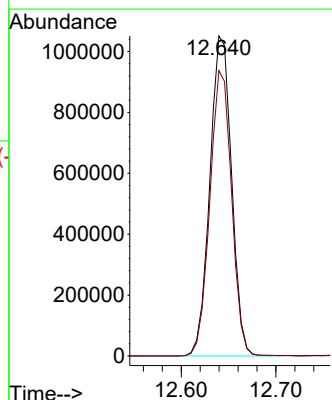
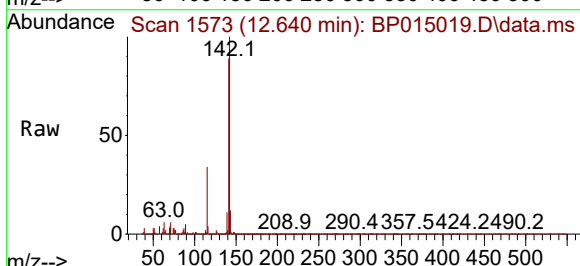
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

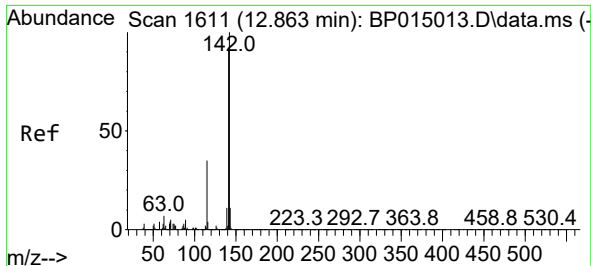
Tgt Ion:107 Resp: 743075
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 80.6 63.2 94.8



#36
2-Methylnaphthalene
Concen: 30.061 ng/ul
RT: 12.640 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:142 Resp: 1671449
Ion Ratio Lower Upper
142 100
141 89.2 70.5 105.7





#37

1-Methylnaphthalene

Concen: 30.074 ng/ul

RT: 12.857 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

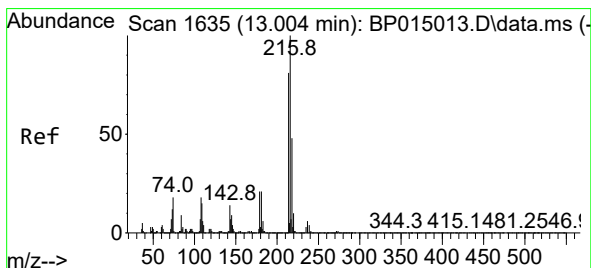
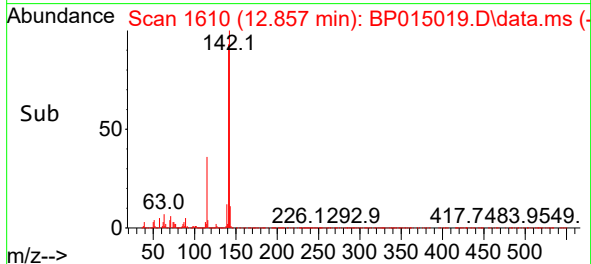
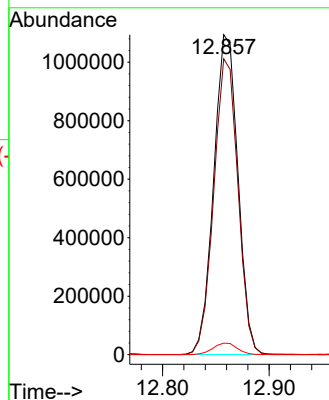
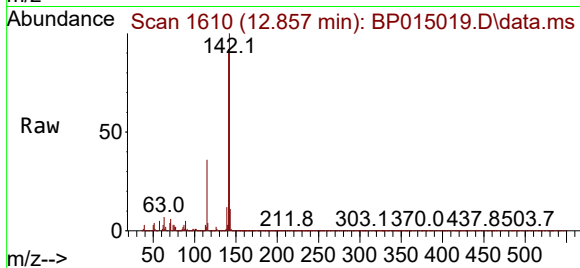
Tgt Ion:142 Resp: 1723639

Ion Ratio Lower Upper

142 100

141 92.4 74.4 111.6

116 3.6 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.111 ng/ul

RT: 13.004 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Tgt Ion:216 Resp: 884274

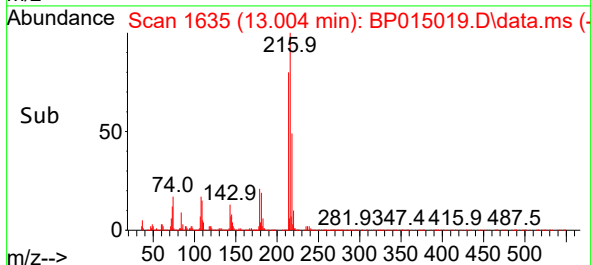
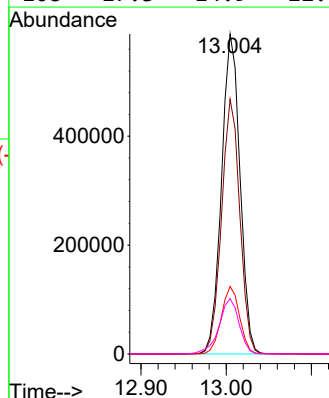
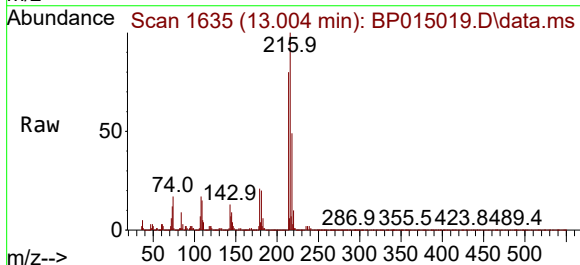
Ion Ratio Lower Upper

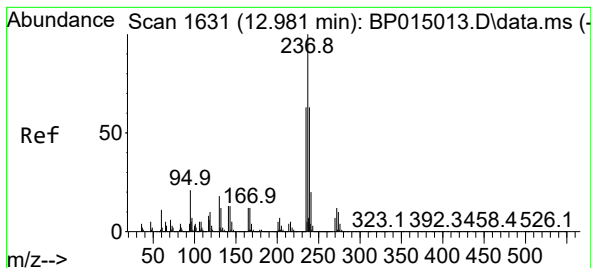
216 100

214 79.6 63.0 94.4

179 21.1 16.9 25.3

108 17.3 14.9 22.3





#40

Hexachlorocyclopentadiene

Concen: 16.986 ng/ul

RT: 12.981 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

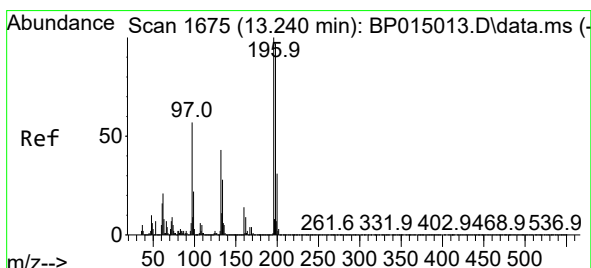
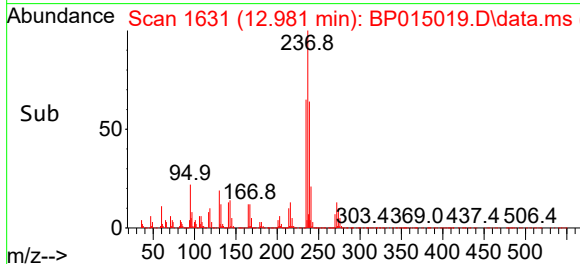
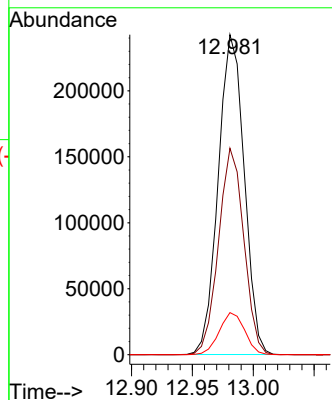
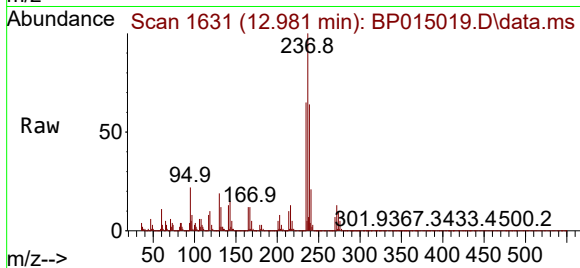
Tgt Ion:237 Resp: 360289

Ion Ratio Lower Upper

237 100

235 64.5 49.9 74.9

272 13.8 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 32.521 ng/ul

RT: 13.240 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

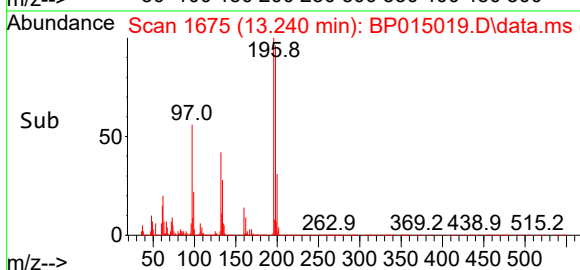
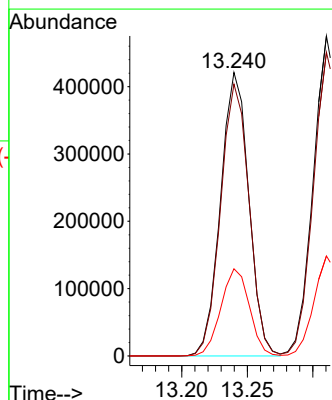
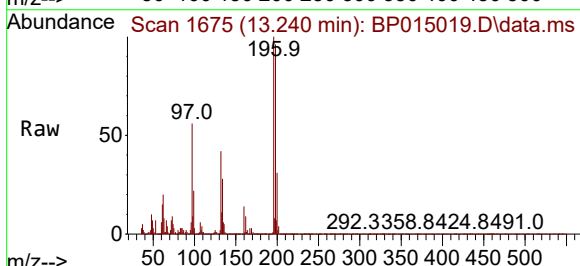
Tgt Ion:196 Resp: 630360

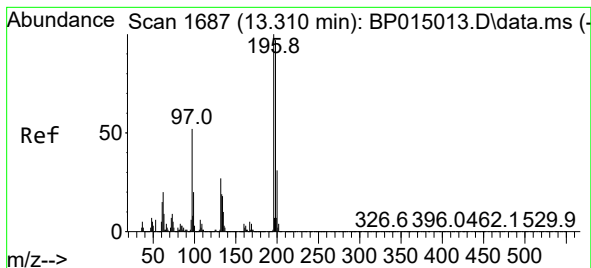
Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

200 30.8 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 33.496 ng/ul

RT: 13.310 min Scan# 1687

Delta R.T. -0.012 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

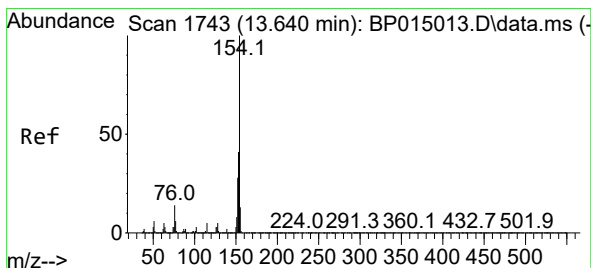
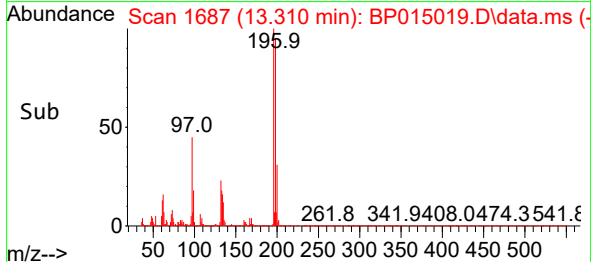
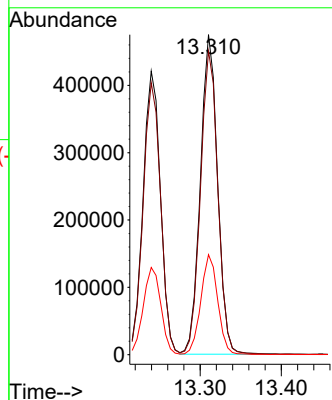
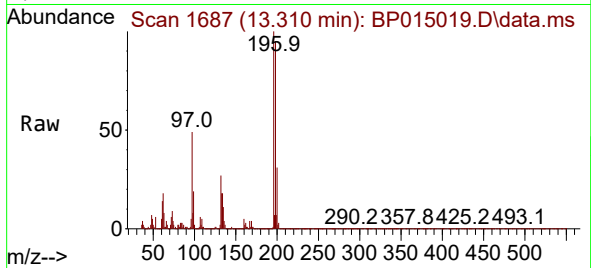
Tgt Ion:196 Resp: 699756

Ion Ratio Lower Upper

196 100

198 94.9 74.2 111.4

200 31.2 24.6 37.0



#43

1,1'-Biphenyl

Concen: 29.129 ng/ul

RT: 13.640 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

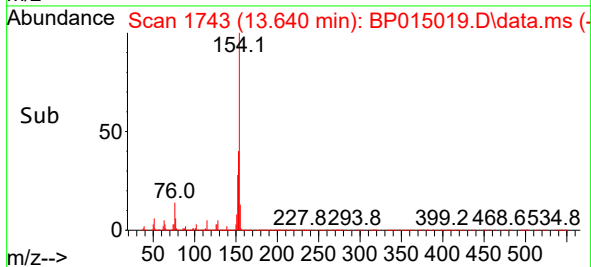
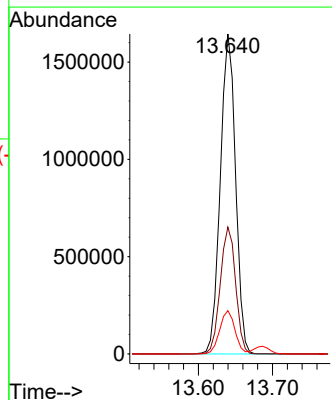
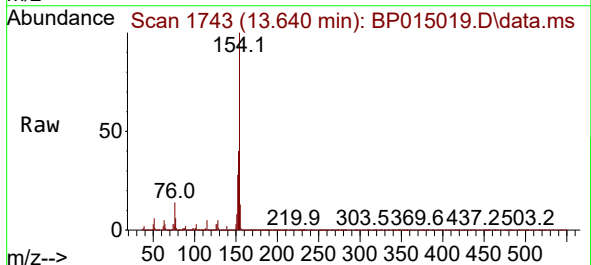
Tgt Ion:154 Resp: 2348525

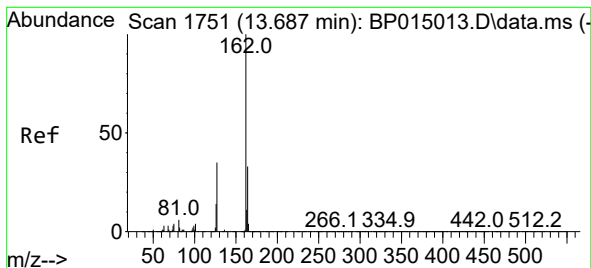
Ion Ratio Lower Upper

154 100

153 39.6 31.9 47.9

76 13.6 11.3 16.9

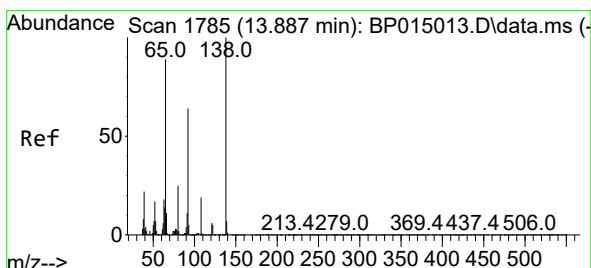
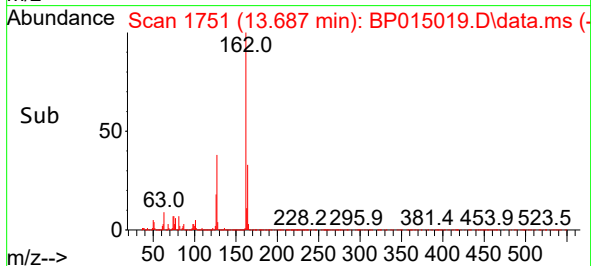
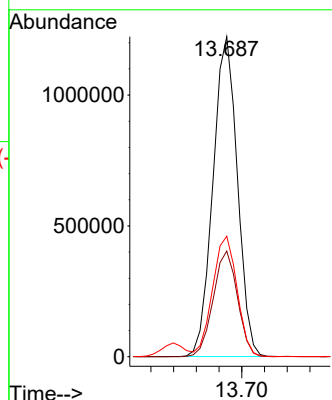
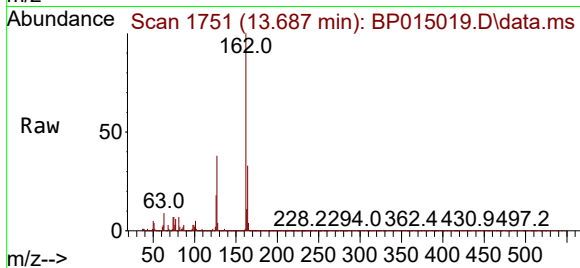




#44
2-Chloronaphthalene
Concen: 29.042 ng/ul
RT: 13.687 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

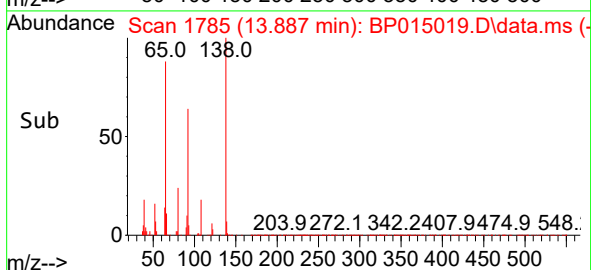
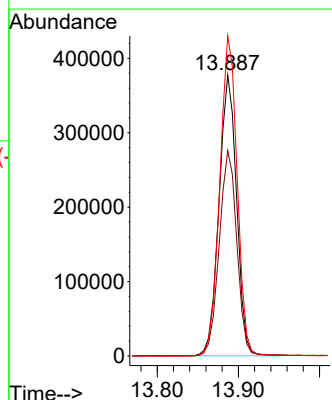
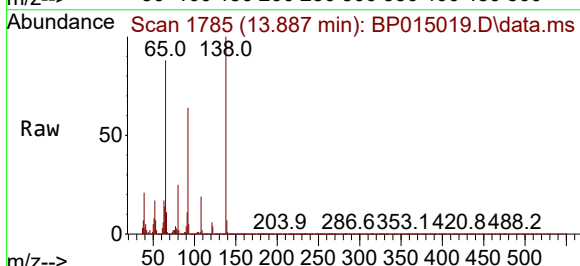
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

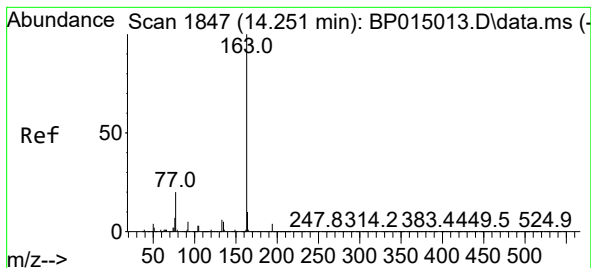
Tgt Ion:162 Resp: 1823919
Ion Ratio Lower Upper
162 100
164 33.0 26.3 39.5
127 37.7 30.4 45.6



#45
2-Nitroaniline
Concen: 38.932 ng/ul
RT: 13.887 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion: 65 Resp: 569370
Ion Ratio Lower Upper
65 100
92 73.1 58.3 87.5
138 114.0 87.9 131.9





#47

Dimethylphthalate

Concen: 32.654 ng/ul

RT: 14.257 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

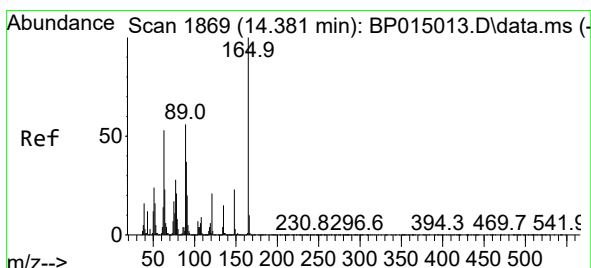
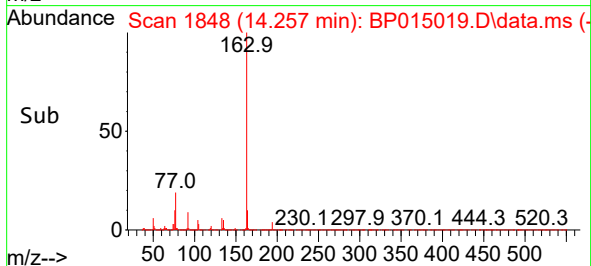
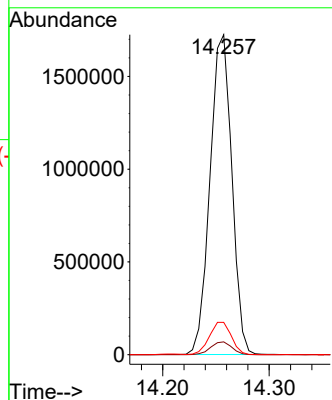
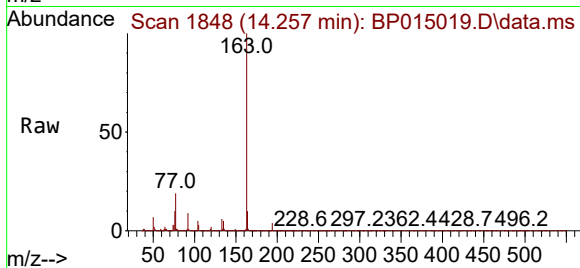
Tgt Ion:163 Resp: 2450601

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 39.372 ng/ul

RT: 14.381 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

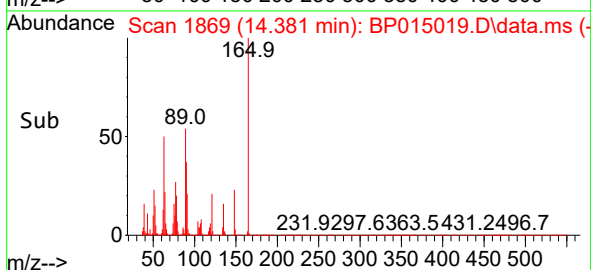
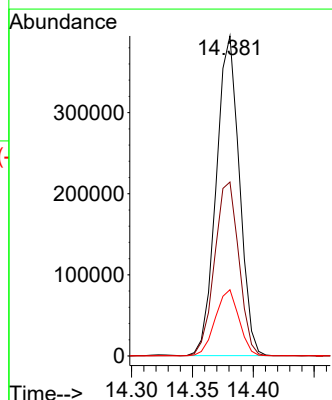
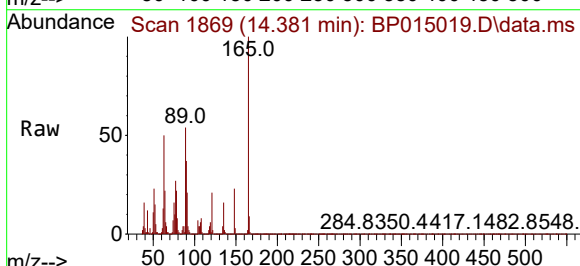
Tgt Ion:165 Resp: 522146

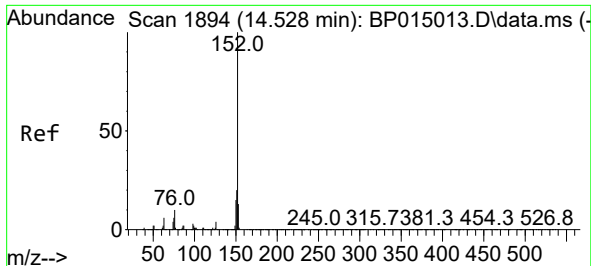
Ion Ratio Lower Upper

165 100

89 54.3 48.1 72.1

121 20.7 17.3 25.9

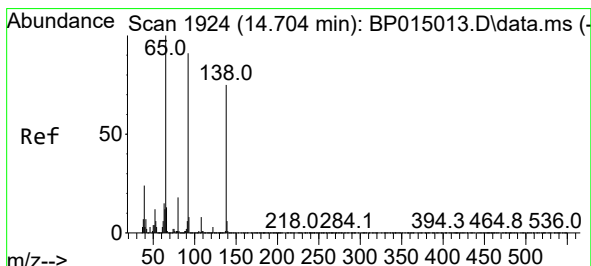
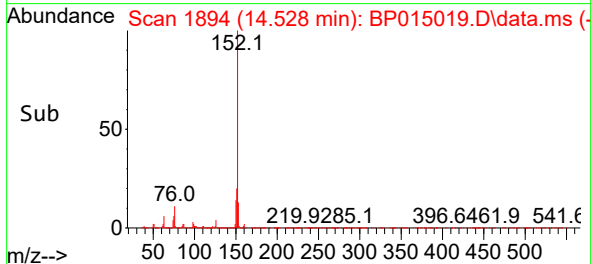
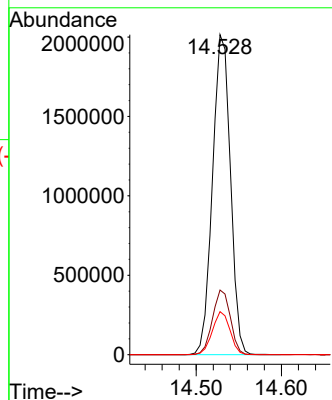
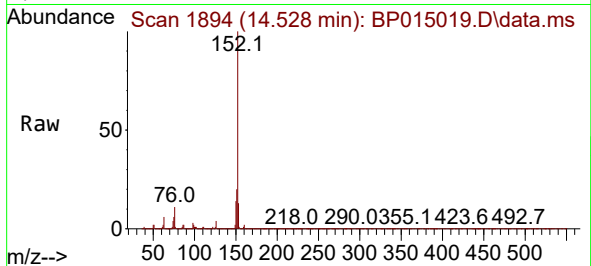




#50
Acenaphthylene
Concen: 30.299 ng/ul
RT: 14.528 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

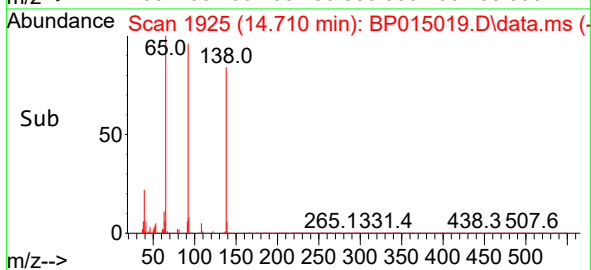
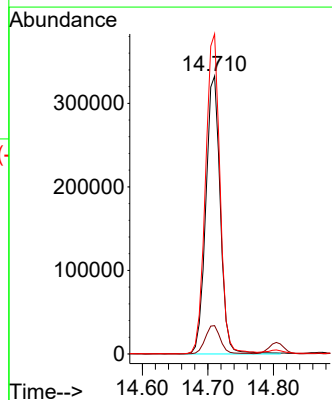
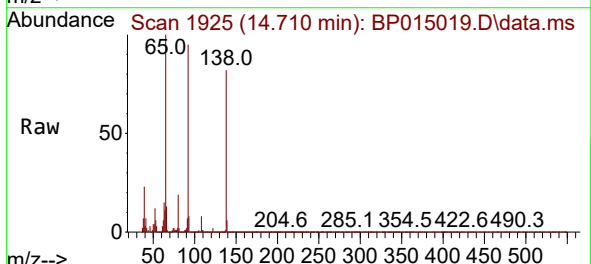
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

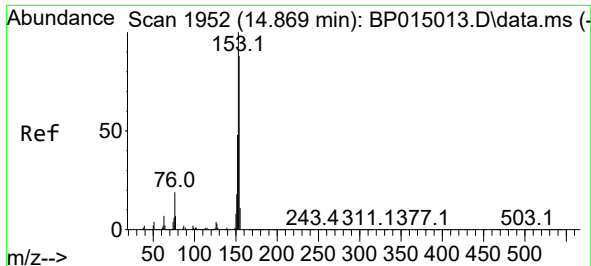
Tgt Ion:152 Resp: 2940343
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.4 15.6



#51
3-Nitroaniline
Concen: 42.568 ng/ul
RT: 14.710 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:138 Resp: 510800
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 115.1 95.8 143.6

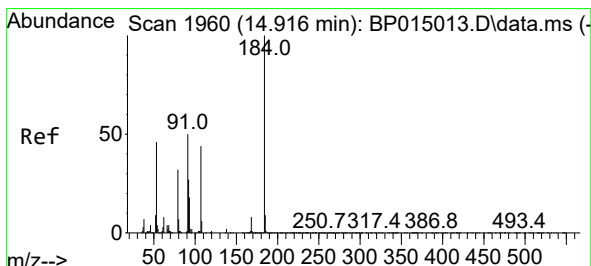
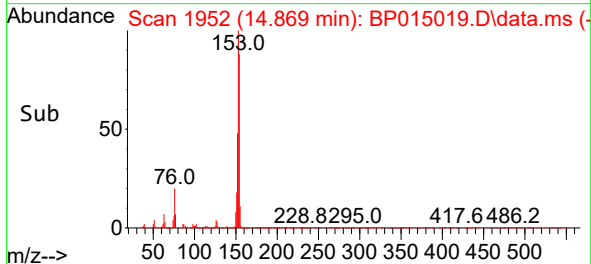
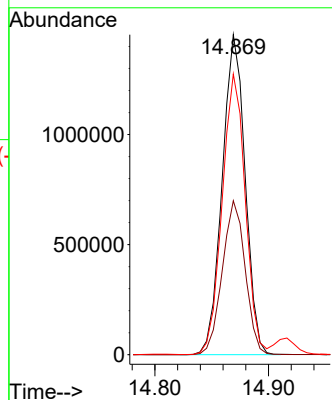
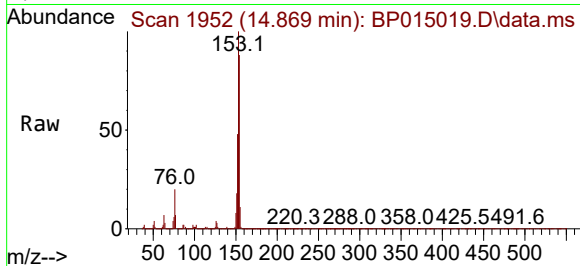




#52
Acenaphthene
Concen: 30.383 ng/ul
RT: 14.869 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

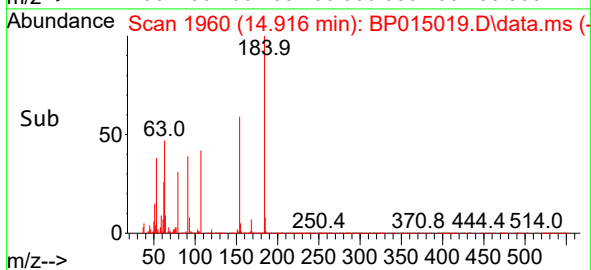
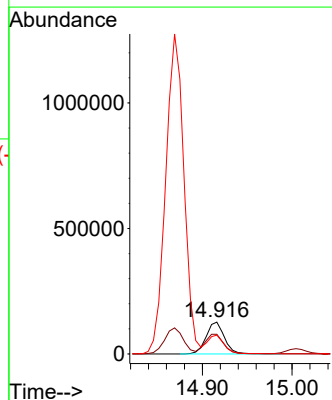
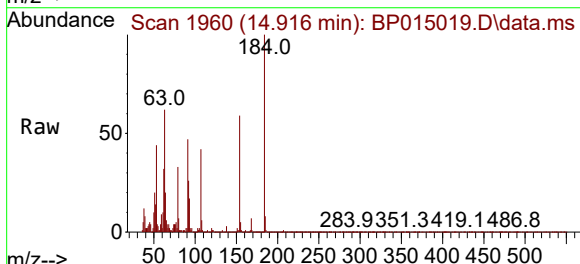
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

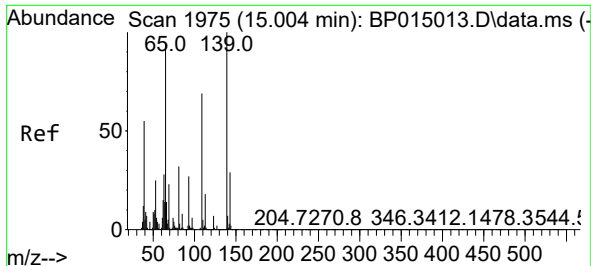
Tgt Ion:153 Resp: 2040348
Ion Ratio Lower Upper
153 100
152 48.1 38.8 58.2
154 87.7 69.6 104.4



#53
2,4-Dinitrophenol
Concen: 22.220 ng/ul
RT: 14.916 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:184 Resp: 179351
Ion Ratio Lower Upper
184 100
63 61.9 56.3 84.5
154 59.3 48.9 73.3

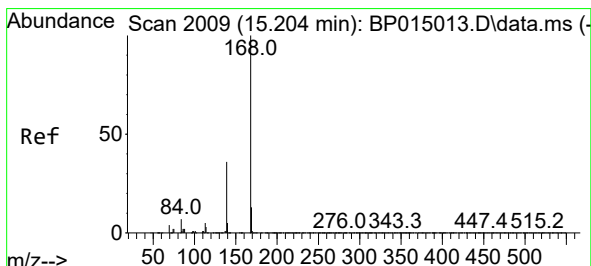
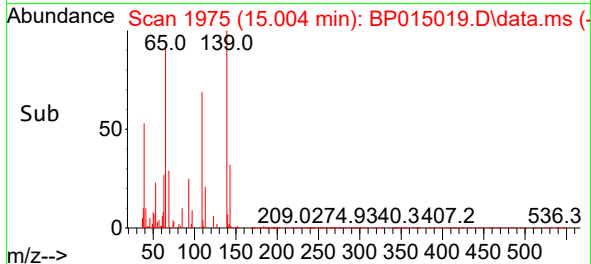
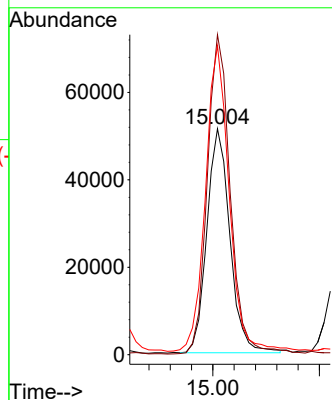
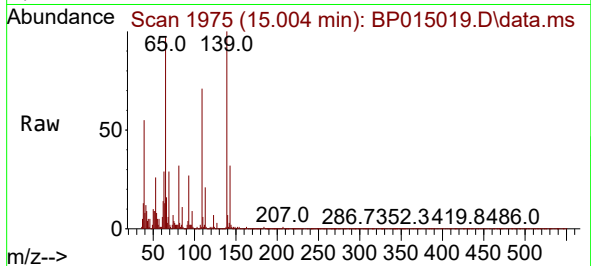




#55
4-Nitrophenol
Concen: 8.146 ng/ul
RT: 15.004 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

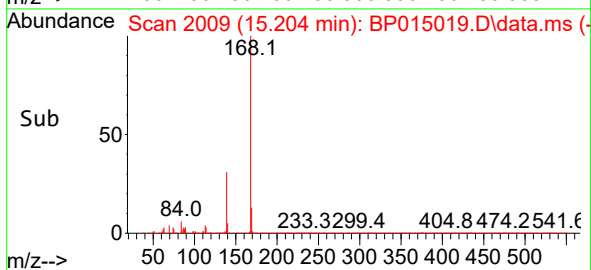
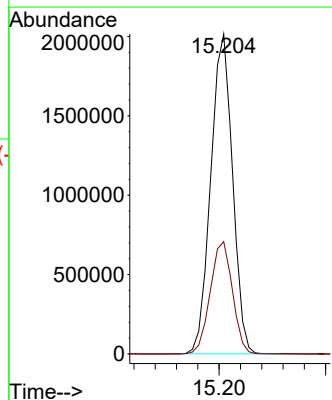
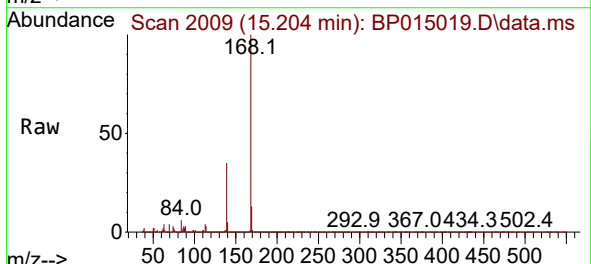
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

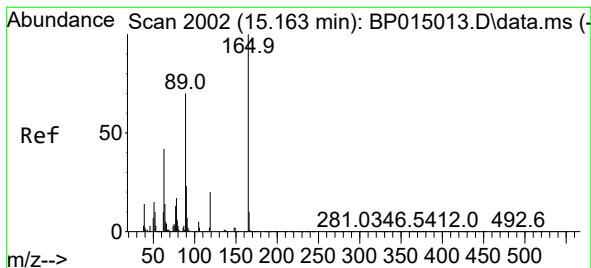
Tgt Ion:109 Resp: 76986
Ion Ratio Lower Upper
109 100
139 141.6 115.1 172.7
65 136.7 110.6 166.0



#56
Dibenzofuran
Concen: 31.545 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:168 Resp: 2858436
Ion Ratio Lower Upper
168 100
139 35.1 28.6 42.8

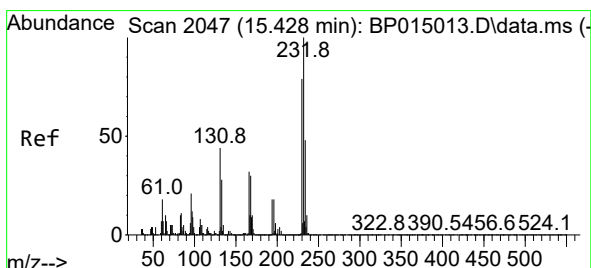
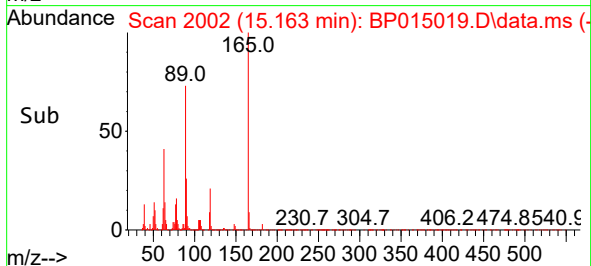
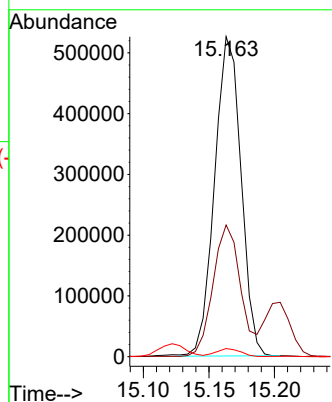
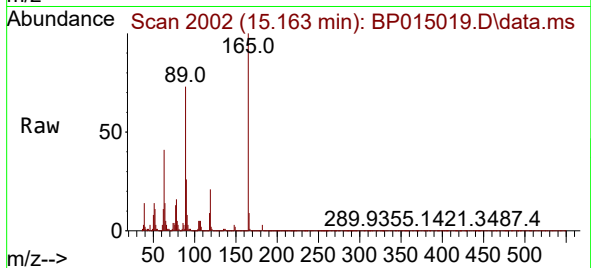




#57
2,4-Dinitrotoluene
Concen: 39.564 ng/ul
RT: 15.163 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

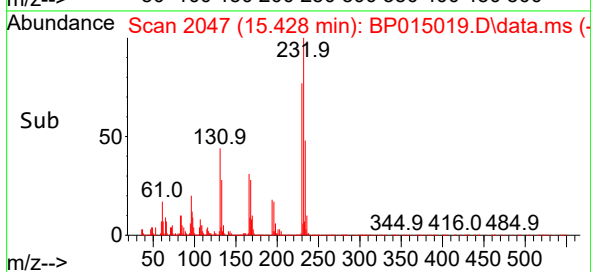
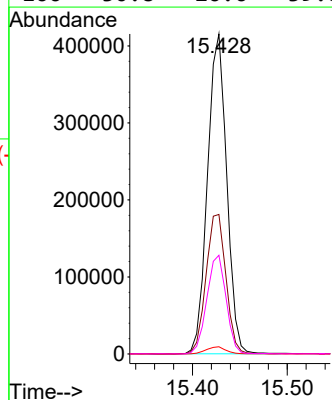
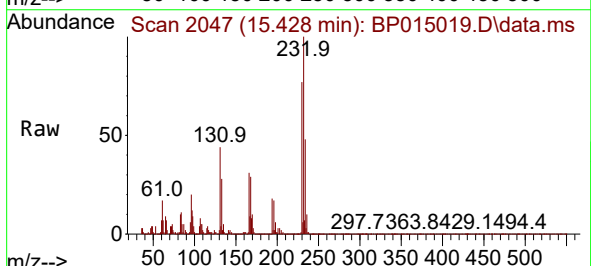
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

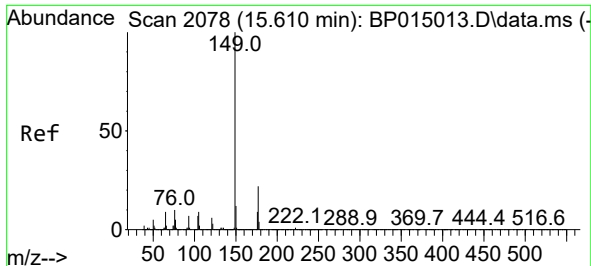
Tgt Ion:165 Resp: 734914
Ion Ratio Lower Upper
165 100
63 41.2 35.7 53.5
182 2.6 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.391 ng/ul
RT: 15.428 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:232 Resp: 584704
Ion Ratio Lower Upper
232 100
131 43.6 38.2 57.4
130 2.2 2.1 3.1
166 30.8 26.6 39.8

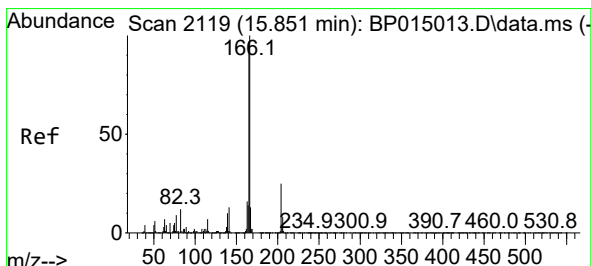
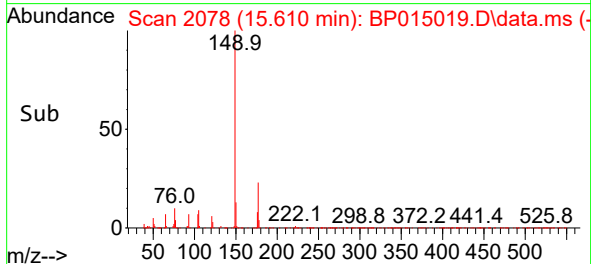
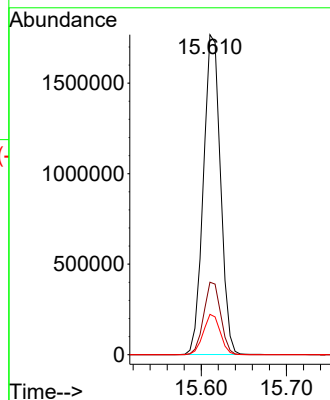
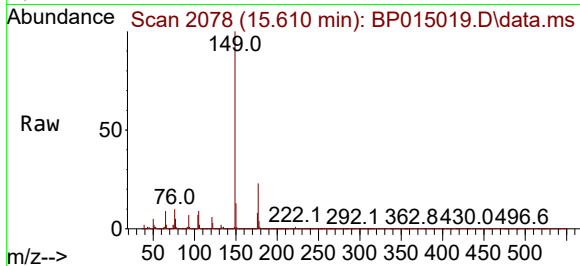




#59
Diethylphthalate
Concen: 34.702 ng/ul
RT: 15.610 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

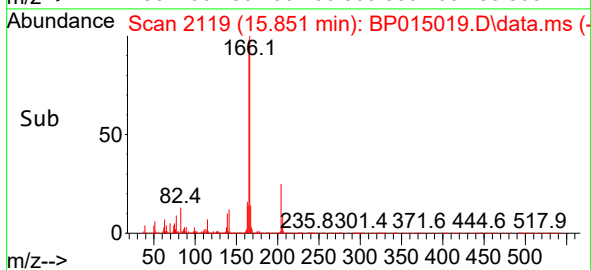
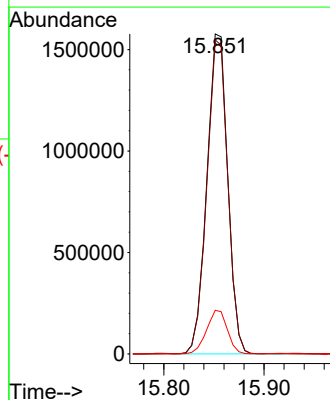
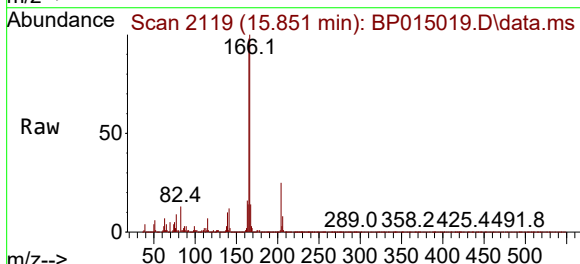
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

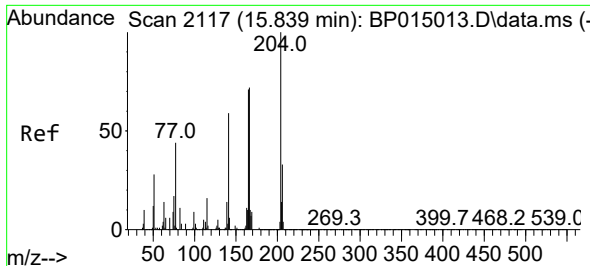
Tgt Ion:149 Resp: 2460840
Ion Ratio Lower Upper
149 100
177 22.7 17.5 26.3
150 12.6 9.6 14.4



#61
Fluorene
Concen: 31.930 ng/ul
RT: 15.851 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:166 Resp: 2282327
Ion Ratio Lower Upper
166 100
165 98.1 79.3 118.9
167 13.7 10.7 16.1

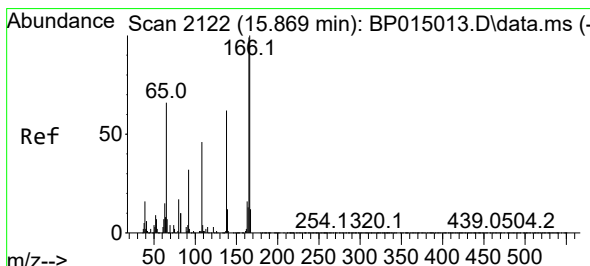
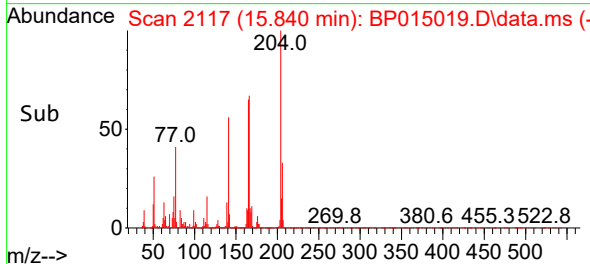
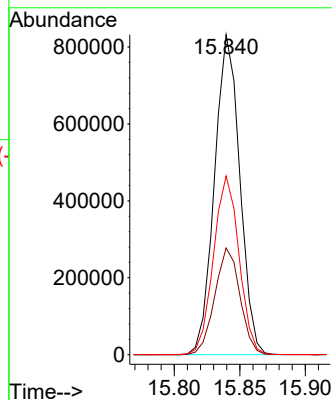
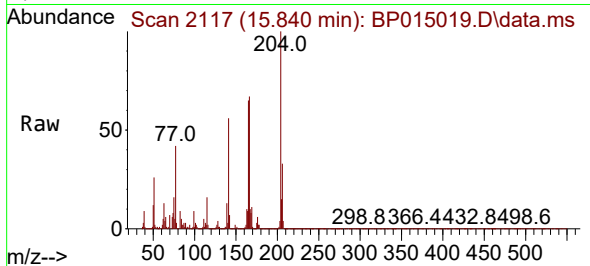




#62
4-Chlorophenyl-phenylether
Concen: 31.870 ng/ul
RT: 15.840 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

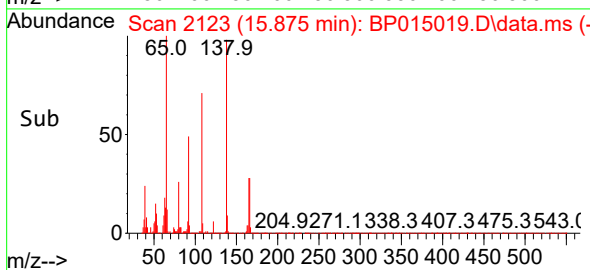
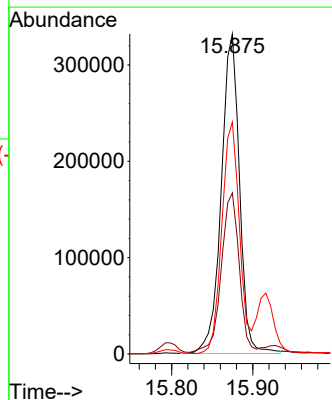
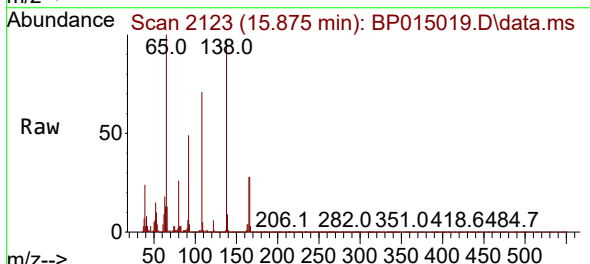
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

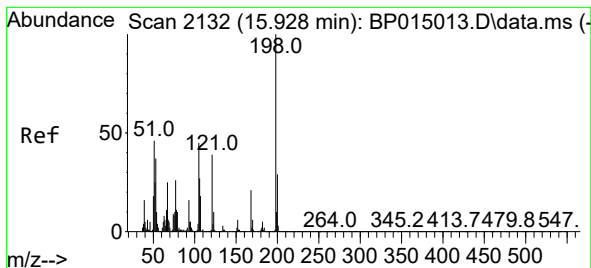
Tgt Ion:204 Resp: 1114805
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 55.8 46.8 70.2



#63
4-Nitroaniline
Concen: 51.826 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:138 Resp: 519068
Ion Ratio Lower Upper
138 100
92 50.4 43.7 65.5
108 72.5 57.4 86.2

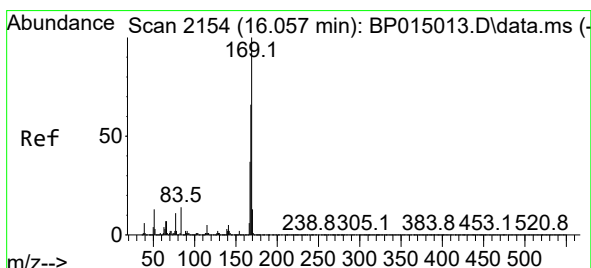
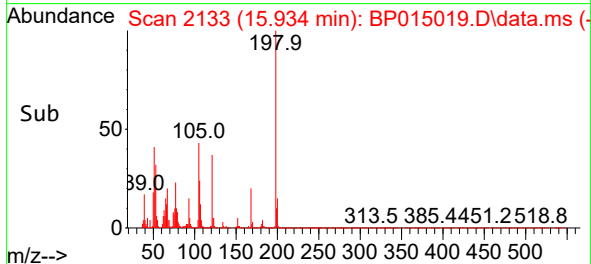
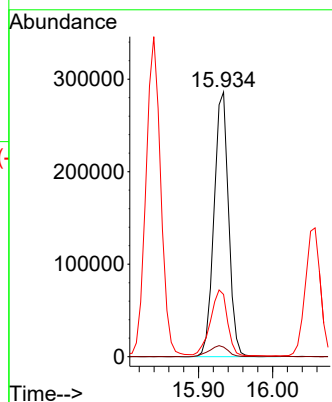
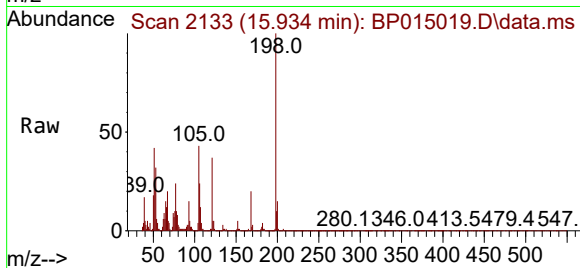




#66
4,6-Dinitro-2-methylphenol
Concen: 30.735 ng/ul
RT: 15.934 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

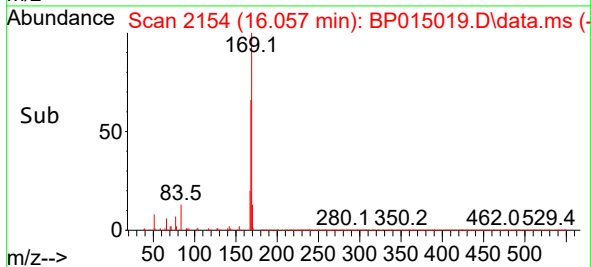
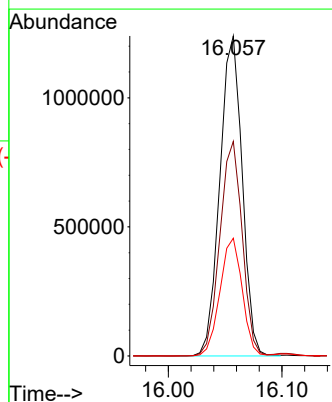
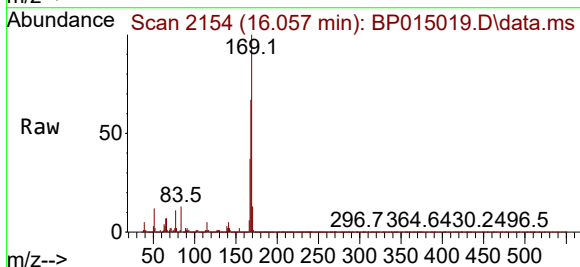
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

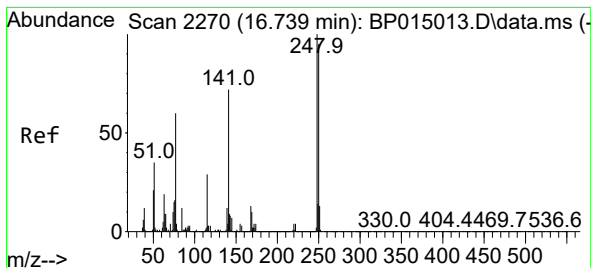
Tgt Ion:198 Resp: 389554
Ion Ratio Lower Upper
198 100
182 3.7 3.9 5.9#
77 23.5 21.4 32.0



#67
N-Nitrosodiphenylamine
Concen: 26.336 ng/ul
RT: 16.057 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:169 Resp: 1696689
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 36.8 29.3 43.9

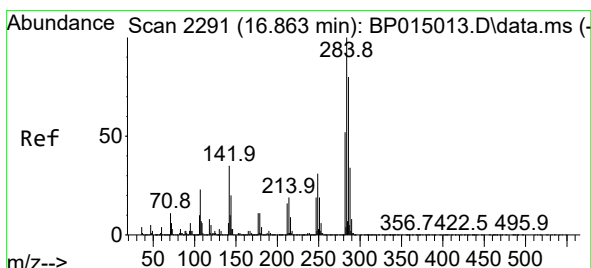
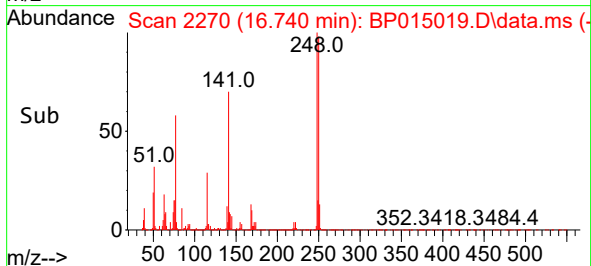
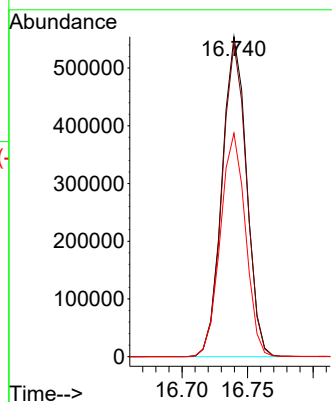
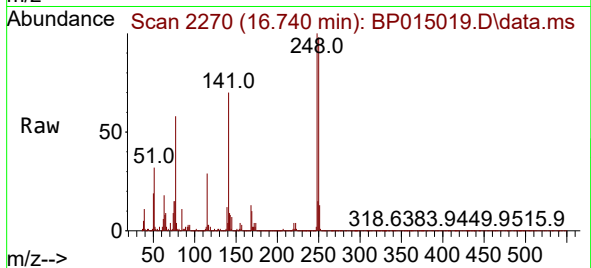




#68
4-Bromophenyl-phenylether
Concen: 32.724 ng/ul
RT: 16.740 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

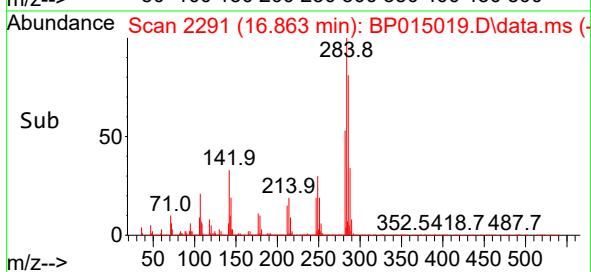
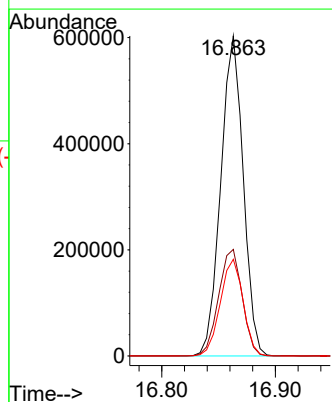
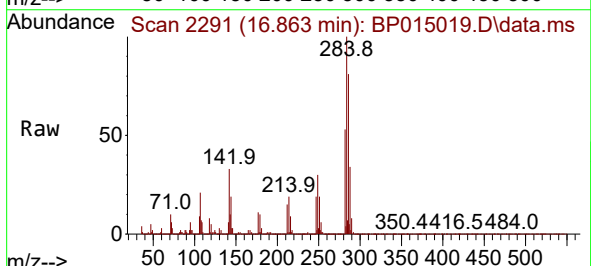
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

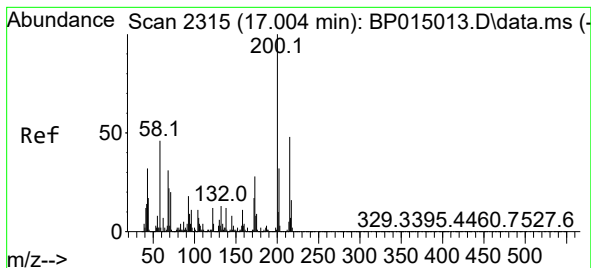
Tgt Ion:248 Resp: 722581
Ion Ratio Lower Upper
248 100
250 97.9 79.5 119.3
141 69.8 60.2 90.4



#69
Hexachlorobenzene
Concen: 31.882 ng/ul
RT: 16.863 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:284 Resp: 829254
Ion Ratio Lower Upper
284 100
142 33.3 30.2 45.2
249 30.2 24.5 36.7





#70

Atrazine

Concen: 27.818 ng/ul

RT: 17.010 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

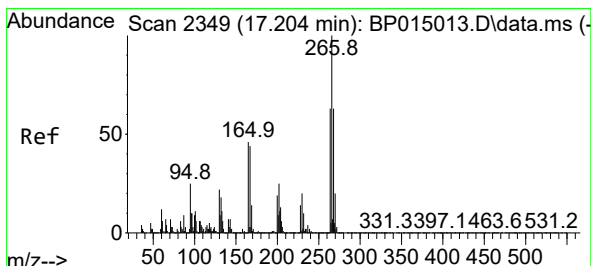
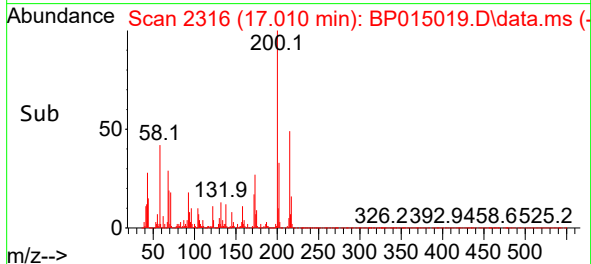
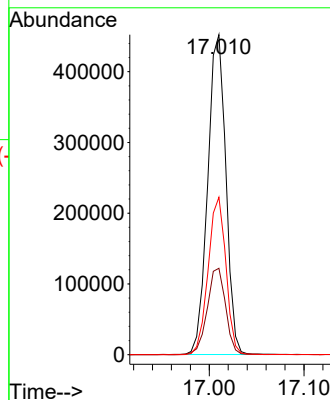
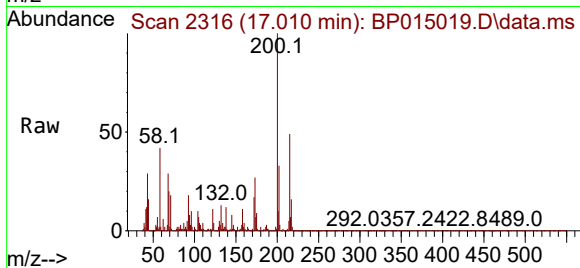
Tgt Ion:200 Resp: 603067

Ion Ratio Lower Upper

200 100

173 27.0 21.8 32.6

215 49.2 39.0 58.4



#71

Pentachlorophenol

Concen: 29.813 ng/ul

RT: 17.204 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

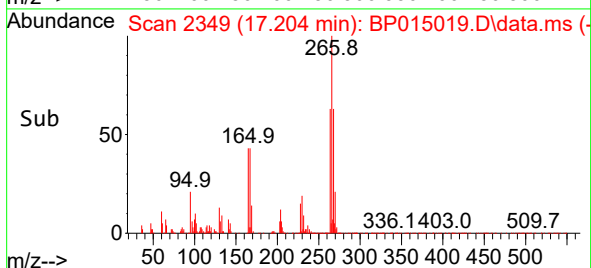
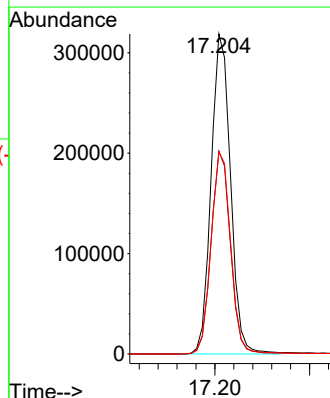
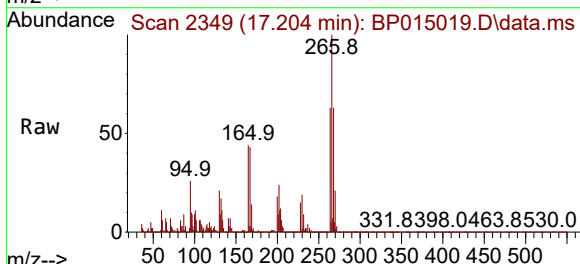
Tgt Ion:266 Resp: 452656

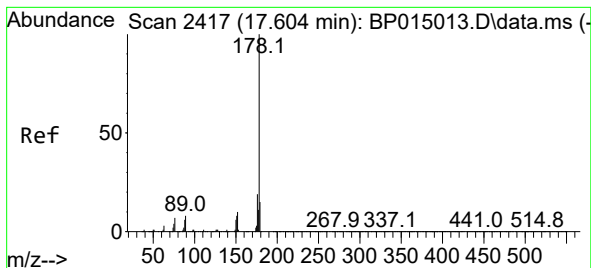
Ion Ratio Lower Upper

266 100

264 63.4 48.9 73.3

268 63.2 49.6 74.4





#72

Phenanthrene

Concen: 31.907 ng/ul

RT: 17.604 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

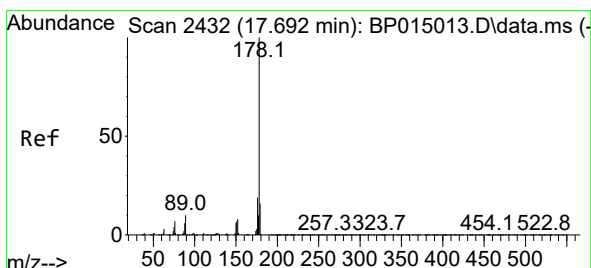
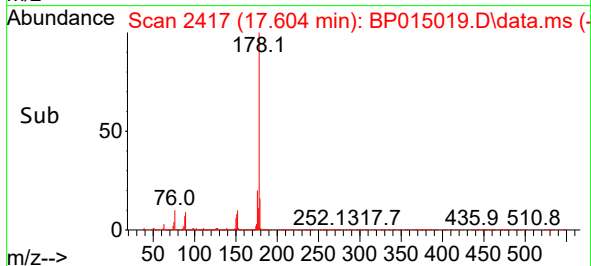
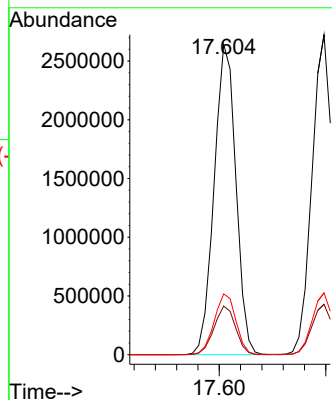
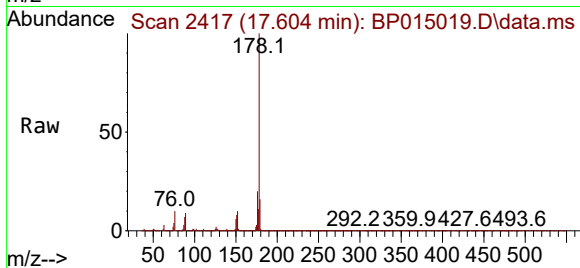
Tgt Ion:178 Resp: 3741657

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.6 15.4 23.0



#74

Anthracene

Concen: 31.826 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

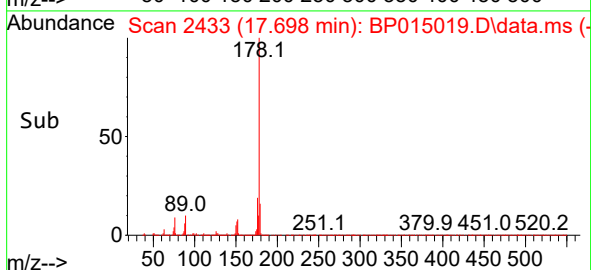
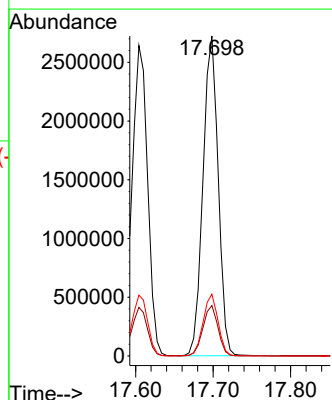
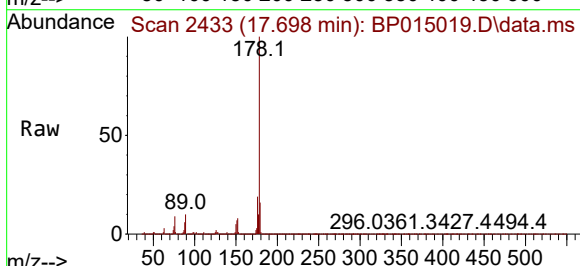
Tgt Ion:178 Resp: 3715669

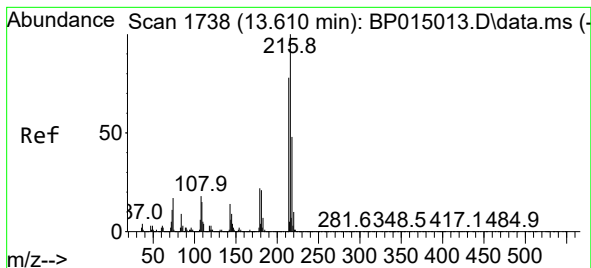
Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 19.3 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.995 ng/uL

RT: 13.610 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

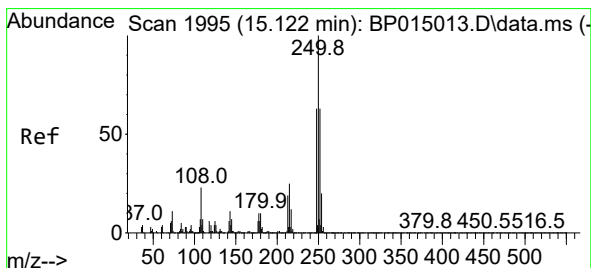
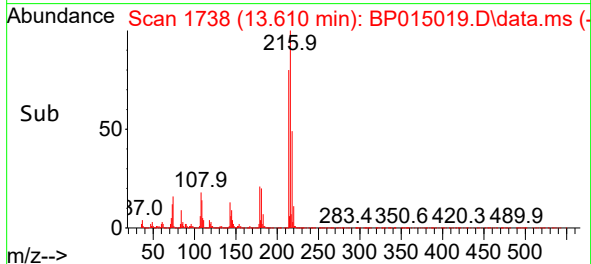
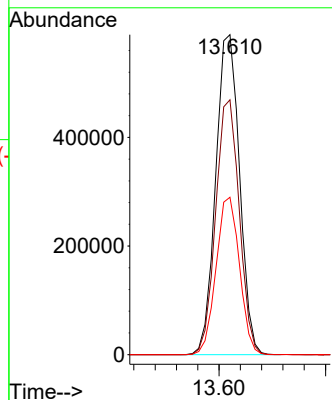
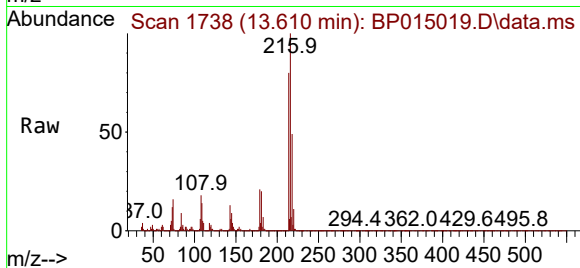
Tgt Ion:216 Resp: 913404

Ion Ratio Lower Upper

216 100

214 79.7 60.5 90.7

218 49.2 38.6 58.0



#76

Pentachlorobenzene

Concen: 28.014 ng/uL

RT: 15.122 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

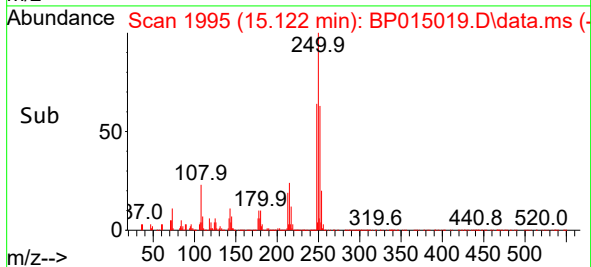
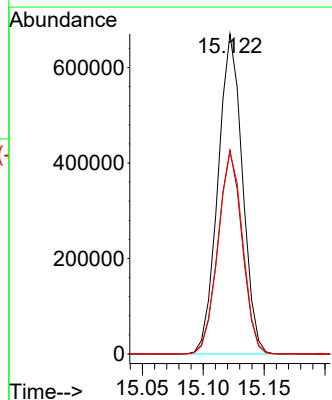
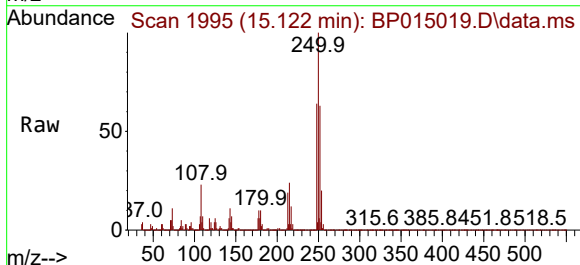
Tgt Ion:250 Resp: 936505

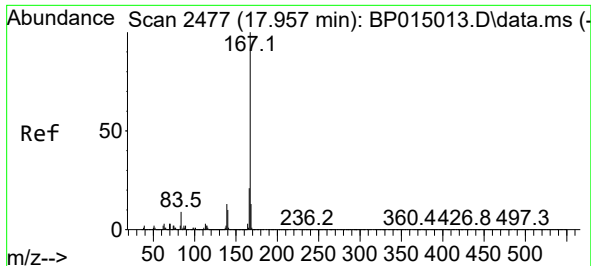
Ion Ratio Lower Upper

250 100

248 63.6 50.5 75.7

252 63.2 50.5 75.7

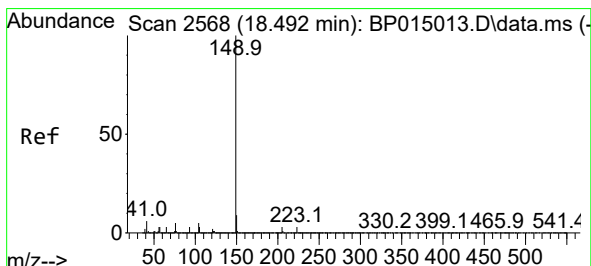
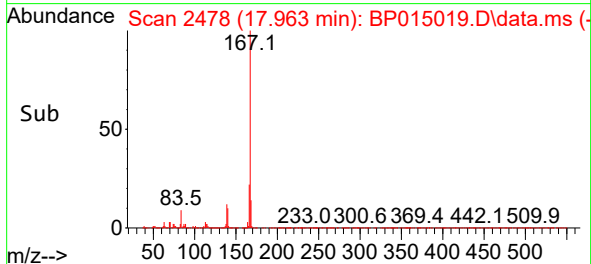
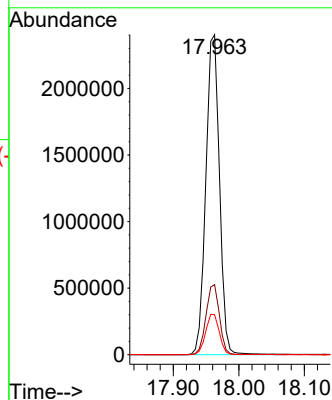
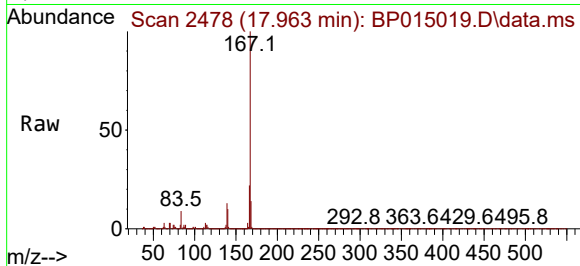




#77
Carbazole
Concen: 35.457 ng/ul
RT: 17.963 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

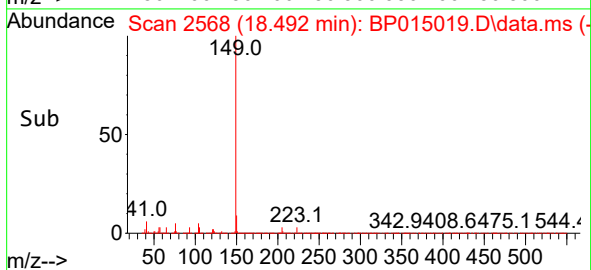
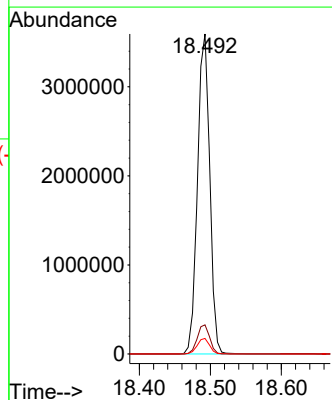
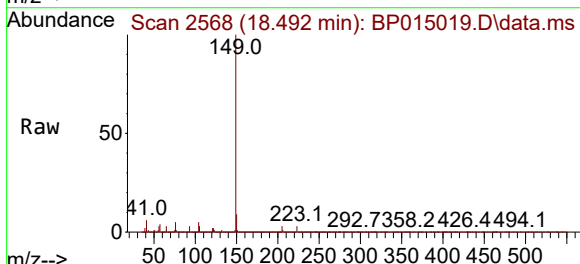
Instrument :
BNA_P
ClientSampleId :
JREJ4MS

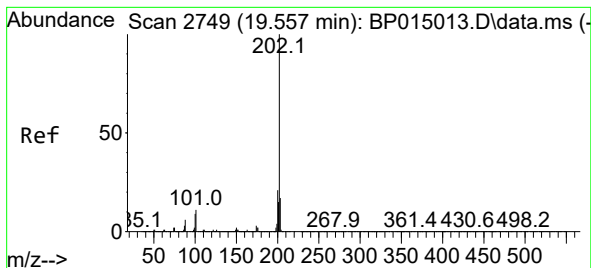
Tgt Ion:167 Resp: 3481790
Ion Ratio Lower Upper
167 100
166 21.9 17.1 25.7
139 12.5 10.1 15.1



#78
Di-n-butylphthalate
Concen: 39.217 ng/ul
RT: 18.492 min Scan# 2568
Delta R.T. 0.000 min
Lab File: BP015019.D
Acq: 09 May 2023 13:26

Tgt Ion:149 Resp: 4306253
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.9 4.1 6.1





#80

Fluoranthene

Concen: 31.178 ng/ul

RT: 19.557 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

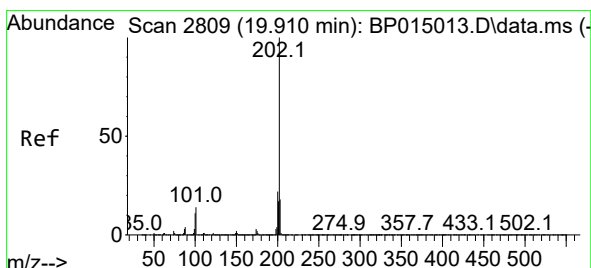
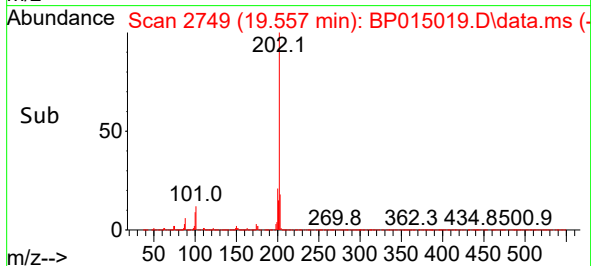
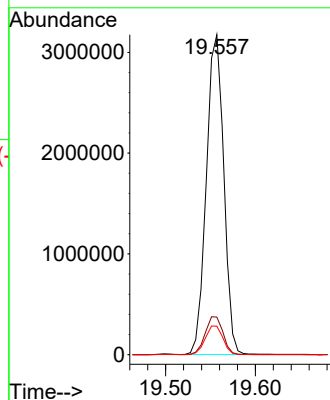
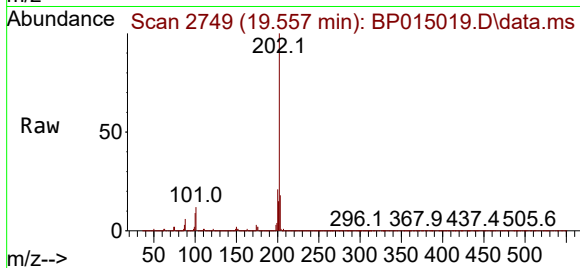
Tgt Ion:202 Resp: 4280787

Ion Ratio Lower Upper

202 100

101 11.8 10.1 15.1

100 8.9 7.7 11.5



#82

Pyrene

Concen: 29.771 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

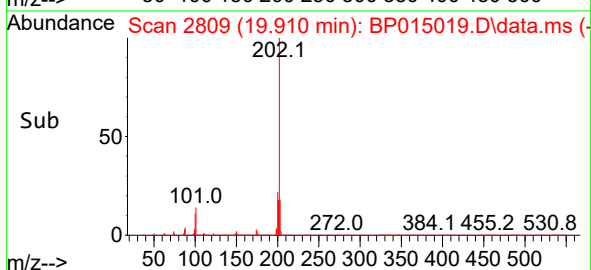
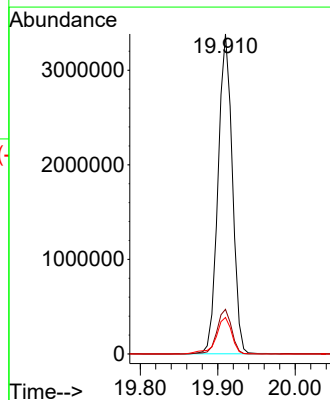
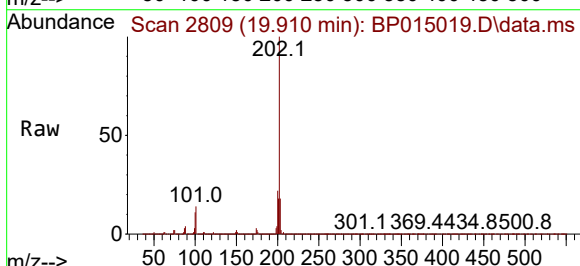
Tgt Ion:202 Resp: 4330693

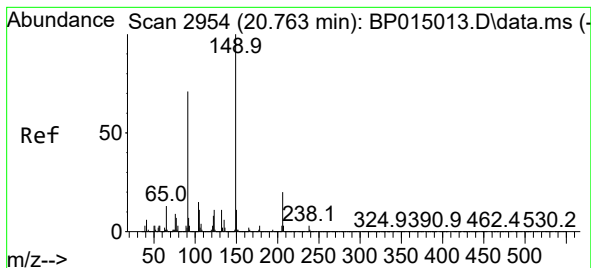
Ion Ratio Lower Upper

202 100

101 14.0 11.9 17.9

100 11.4 9.7 14.5





#83

Butylbenzylphthalate

Concen: 43.876 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

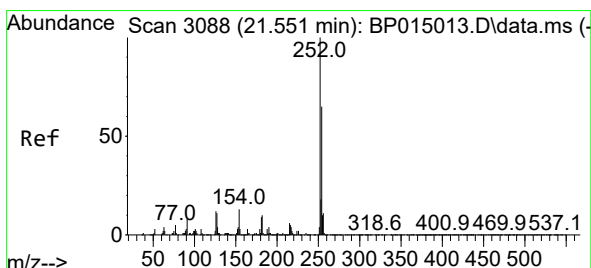
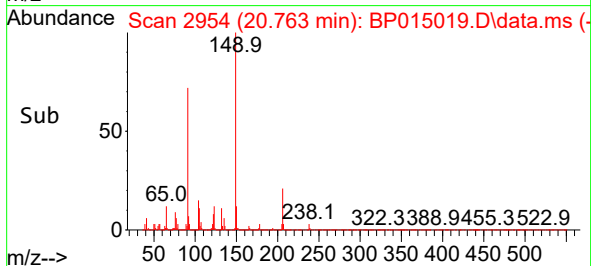
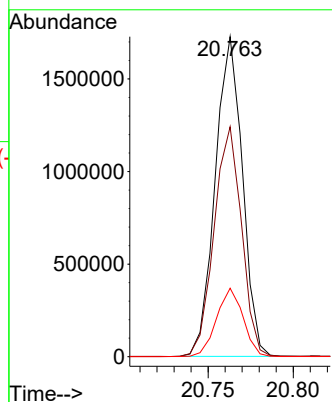
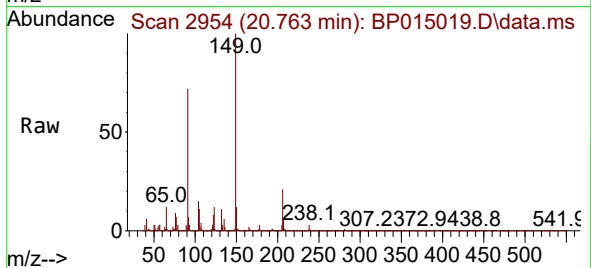
Tgt Ion:149 Resp: 1916238

Ion Ratio Lower Upper

149 100

91 71.8 60.1 90.1

206 21.4 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 21.101 ng/ul

RT: 21.551 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

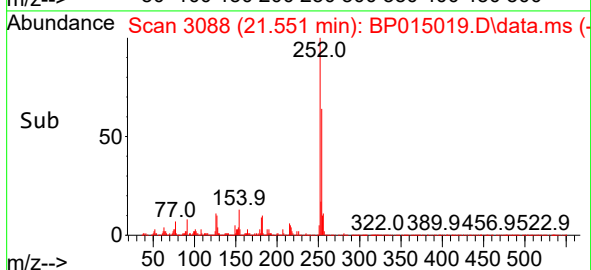
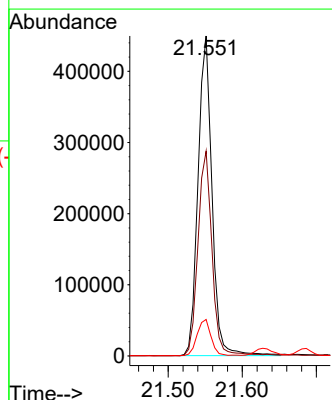
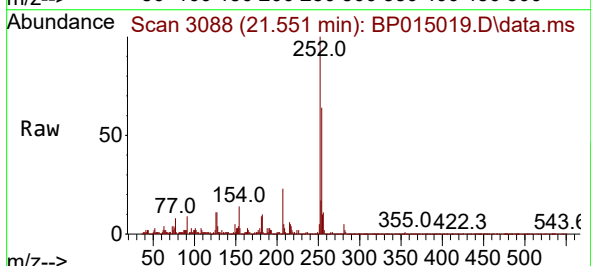
Tgt Ion:252 Resp: 589197

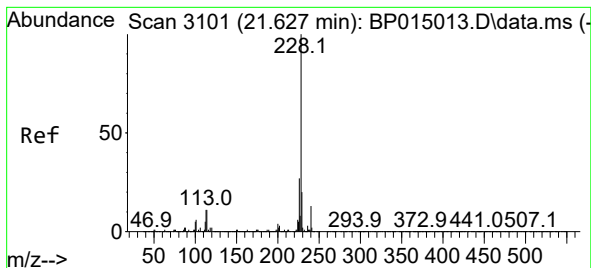
Ion Ratio Lower Upper

252 100

254 64.0 53.3 79.9

126 11.4 9.0 13.6





#85

Benzo(a)anthracene

Concen: 34.548 ng/ul

RT: 21.628 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

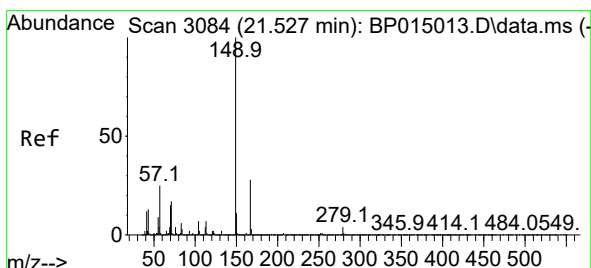
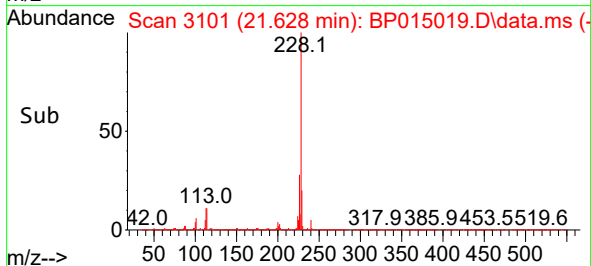
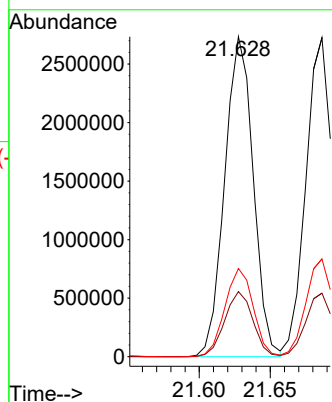
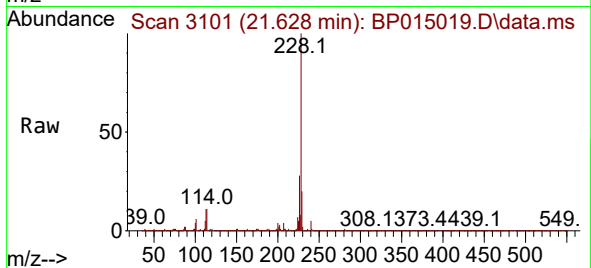
Tgt Ion:228 Resp: 3825597

Ion Ratio Lower Upper

228 100

229 20.4 15.9 23.9

226 27.6 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 50.825 ng/ul

RT: 21.522 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

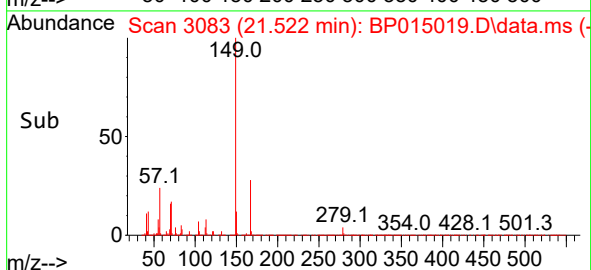
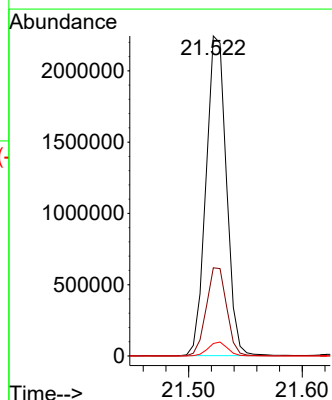
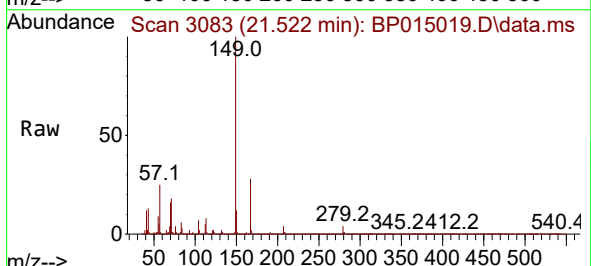
Tgt Ion:149 Resp: 2792948

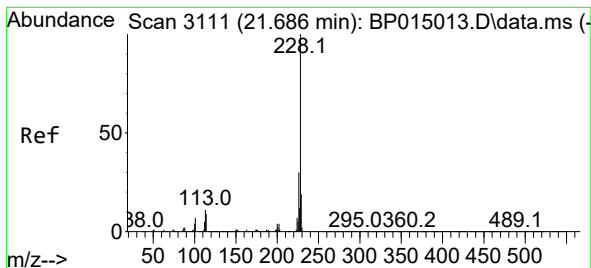
Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

279 3.9 2.9 4.3





#87

Chrysene

Concen: 32.321 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

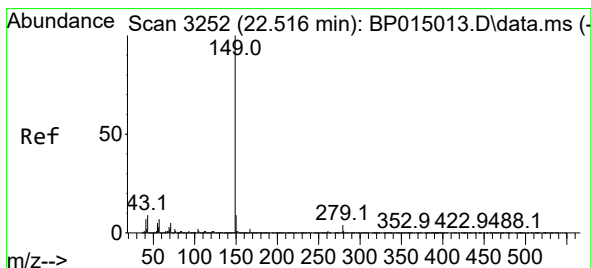
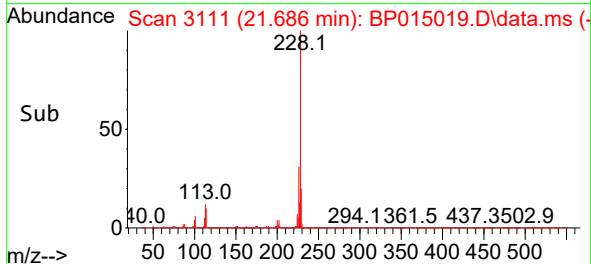
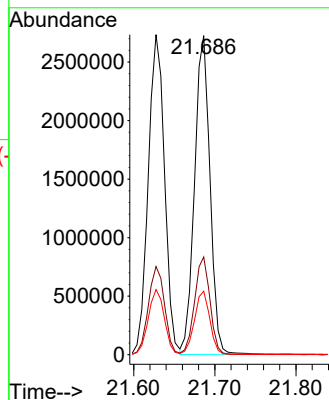
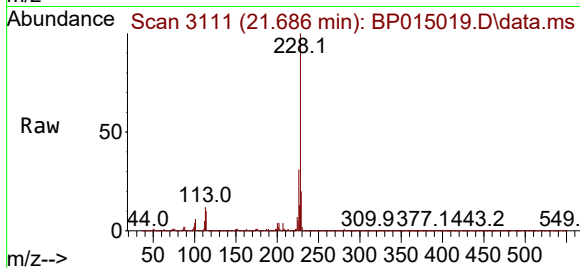
Tgt Ion:228 Resp: 3603738

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.9 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 56.885 ng/ul

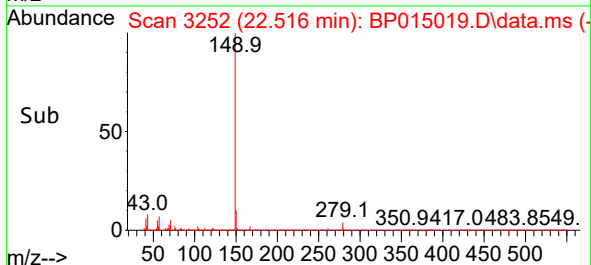
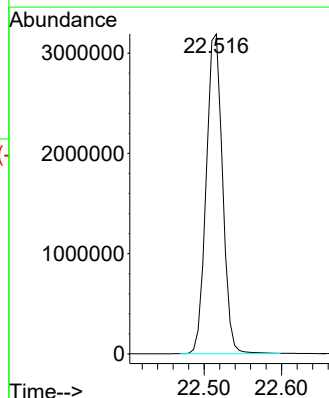
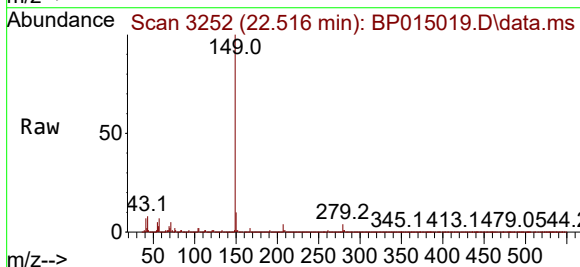
RT: 22.516 min Scan# 3252

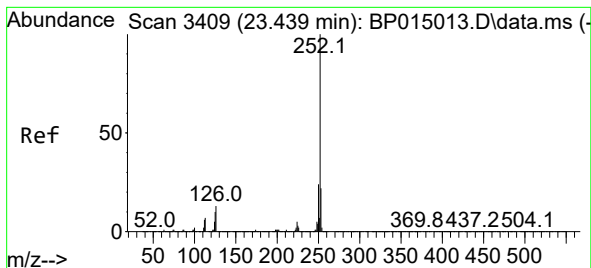
Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Tgt Ion:149 Resp: 4656052





#90

Benzo(b)fluoranthene

Concen: 36.165 ng/ul

RT: 23.439 min Scan# 3409

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

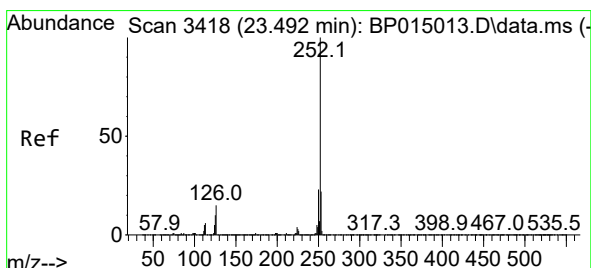
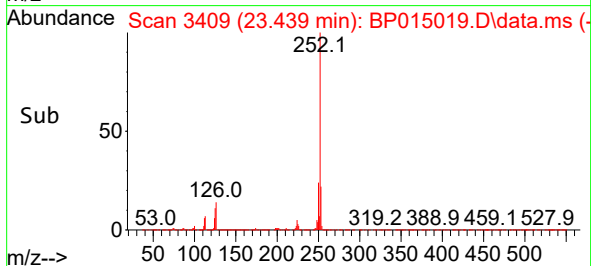
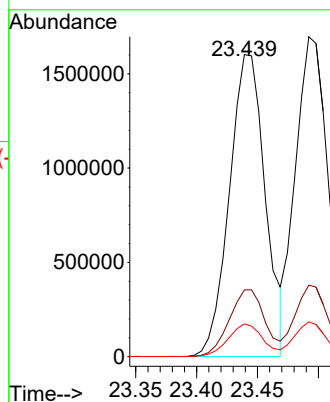
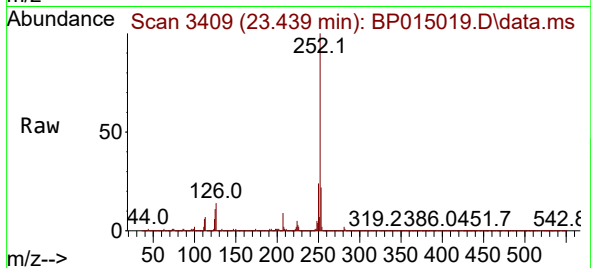
Tgt Ion:252 Resp: 3276490

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.8 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 34.277 ng/ul

RT: 23.492 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

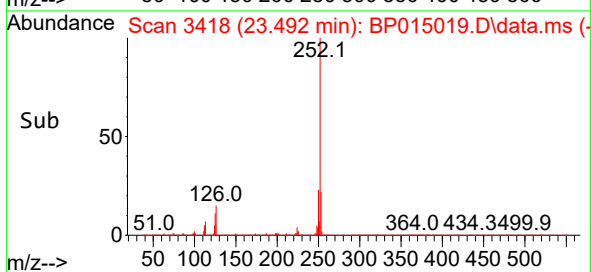
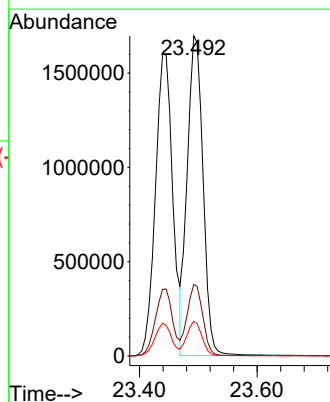
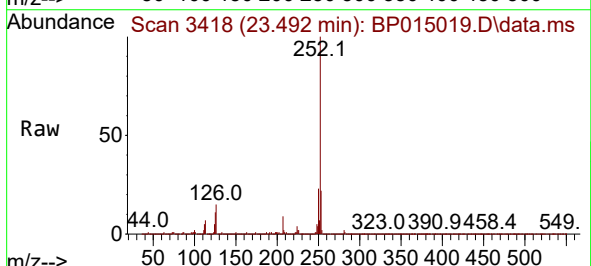
Tgt Ion:252 Resp: 3160438

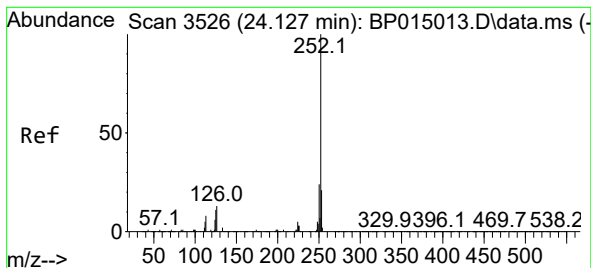
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.8 8.9 13.3





#93

Benzo(a)pyrene

Concen: 33.563 ng/ul

RT: 24.127 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

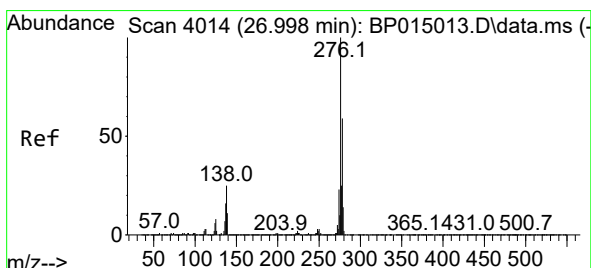
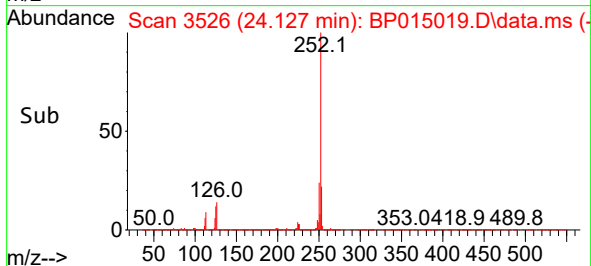
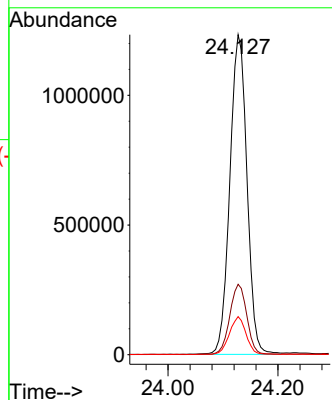
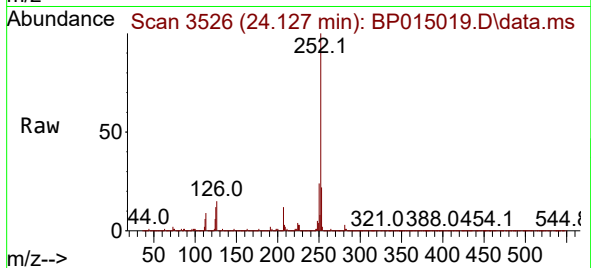
Tgt Ion:252 Resp: 2666698

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 11.9 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.529 ng/ul

RT: 27.004 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

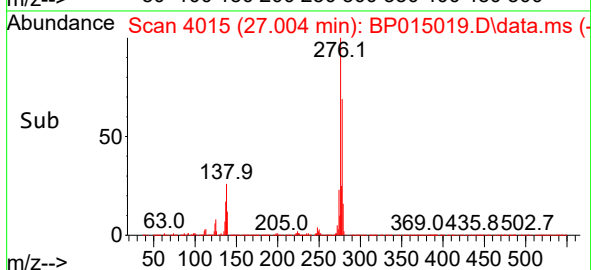
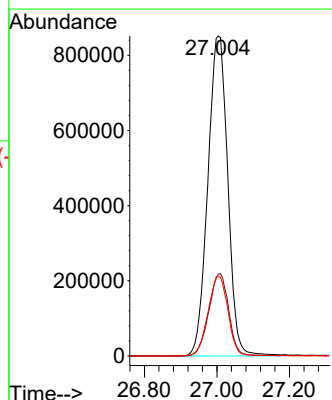
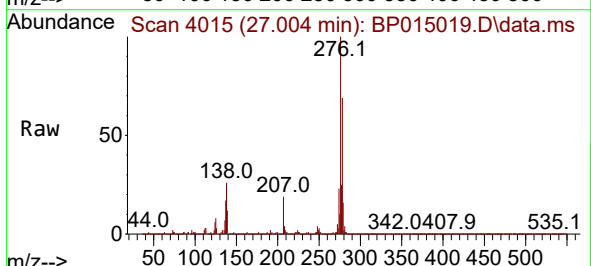
Tgt Ion:276 Resp: 3249580

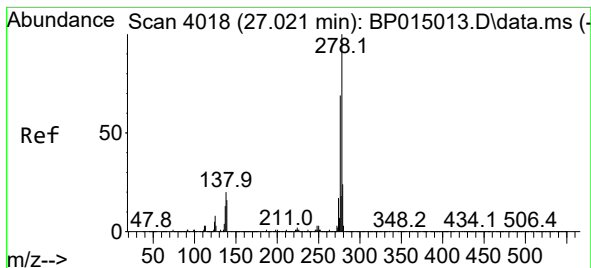
Ion Ratio Lower Upper

276 100

138 25.6 19.4 29.0

277 24.7 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 33.978 ng/ul

RT: 27.021 min Scan# 4018

Delta R.T. -0.006 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Instrument :

BNA_P

ClientSampleId :

JREJ4MS

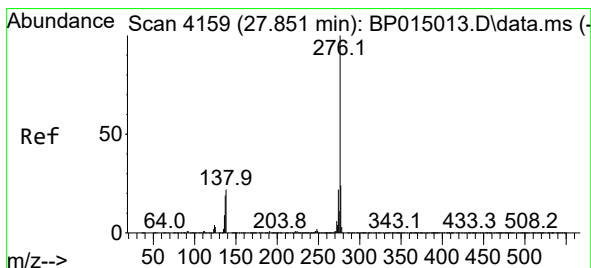
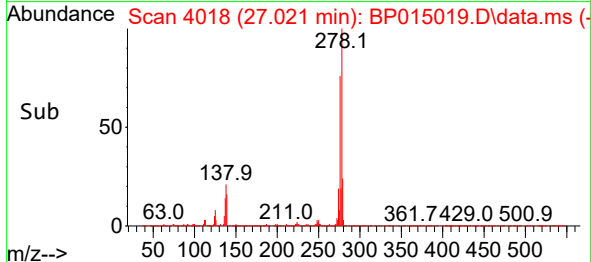
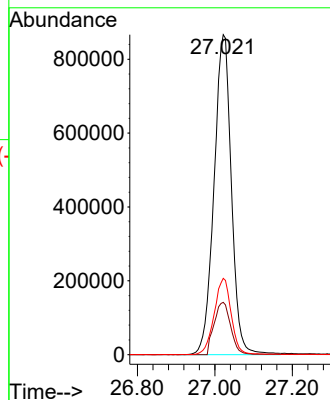
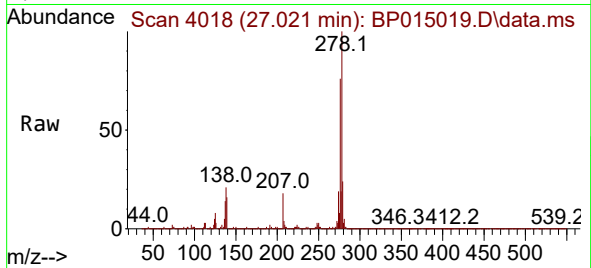
Tgt Ion:278 Resp: 2699065

Ion Ratio Lower Upper

278 100

139 16.4 12.9 19.3

279 23.8 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 32.082 ng/ul

RT: 27.857 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP015019.D

Acq: 09 May 2023 13:26

Tgt Ion:276 Resp: 2646337

Ion Ratio Lower Upper

276 100

138 21.9 18.0 27.0

277 23.9 19.8 29.8

