

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060923\
 Data File : BP015464.D
 Acq On : 09 Jun 2023 23:03
 Operator : MA/JU
 Sample : 03097-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEN4MSD

Quant Time: Jun 09 23:40:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	148309	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	690719	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	461659	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1061588	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1018077	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1122835	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	8185	2.044	ng/uL	0.00
4) Pyridine-d5	3.852	84	117799	11.323	ng/u1	0.00
7) Phenol-d5	7.246	99	92883	6.798	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	265980	32.596	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	253241	25.564	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	190916	17.025	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	184591	34.040	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	203967	32.936	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	353230	31.268	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	452514	27.907	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1395103	38.322	ng/u1	0.00
49) Acenaphthylene-d8	14.433	160	1445912	36.323	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	50777	7.789	ng/u1	0.00
60) Fluorene-d10	15.727	176	1135451	36.987	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	254287	37.811	ng/u1	0.00
73) Anthracene-d10	17.592	188	1864419	38.600	ng/u1	0.00
81) Pyrene-d10	19.816	212	2291985	42.063	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	2311183	41.023	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	20840	4.926	ng/uL	90
5) Pyridine	3.875	79	148980	13.813	ng/u1	98
6) Benzaldehyde	7.228	77	245377	46.985	ng/u1	99
8) Phenol	7.275	94	119993	8.513	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.510	93	389789	34.975	ng/u1	97
12) 2-Chlorophenol	7.651	128	290921	27.796	ng/u1	98
13) 2-Methylphenol	8.540	108	240180	22.146	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.622	45	520408	35.237	ng/u1	99
16) Acetophenone	8.928	105	663271	37.063	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.910	70	364185	37.705	ng/u1	99
18) 4-Methylphenol	8.875	108	234873	19.683	ng/u1	98
19) Hexachloroethane	9.181	117	122186	27.626	ng/u1	99
22) Nitrobenzene	9.316	77	524368	36.462	ng/u1	99
23) Isophorone	9.845	82	1076779	37.403	ng/u1	99
25) 2-Nitrophenol	10.034	139	238454	35.663	ng/u1	98
26) 2,4-Dimethylphenol	10.087	107	378449	26.690	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.322	93	615803	36.793	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	389291	34.659	ng/u1	98
30) Naphthalene	10.975	128	1268946	33.903	ng/u1	100
32) 4-Chloroaniline	11.087	127	412507	24.586	ng/u1	99
33) Hexachlorobutadiene	11.251	225	238690	31.511	ng/u1	97
34) Caprolactam	11.881	113	23695	5.604	ng/u1	92
35) 4-Chloro-3-methylphenol	12.198	107	451720	33.193	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	955395	36.309	ng/u1	99

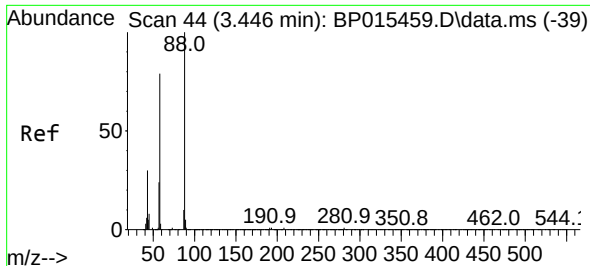
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	959127	36.203	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.939	216	551715	38.378	ng/ul	100
40) Hexachlorocyclopentadiene	12.910	237	216602	36.758	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	377069	39.409	ng/ul	98
42) 2,4,5-Trichlorophenol	13.245	196	412770	39.589	ng/ul	98
43) 1,1'-Biphenyl	13.575	154	1359376	38.076	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	1064405	38.000	ng/ul	98
45) 2-Nitroaniline	13.828	65	403203	44.976	ng/ul	97
47) Dimethylphthalate	14.192	163	1544701	41.096	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	338509	43.957	ng/ul	99
50) Acenaphthylene	14.463	152	1708782	38.763	ng/ul	99
51) 3-Nitroaniline	14.651	138	300465	47.264	ng/ul	96
52) Acenaphthene	14.804	153	1198390	39.328	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	181055	39.084	ng/ul	99
55) 4-Nitrophenol	14.957	109	56597	9.000	ng/ul	96
56) Dibenzofuran	15.139	168	1717350	39.764	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	488231	43.106	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	384860	40.881	ng/ul	99
59) Diethylphthalate	15.551	149	1639796	42.567	ng/ul	100
61) Fluorene	15.786	166	1415699	40.211	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	715973	40.350	ng/ul	98
63) 4-Nitroaniline	15.816	138	321066	53.245	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.875	198	286399	41.755	ng/ul	95
67) N-Nitrosodiphenylamine	15.992	169	1228240	40.782	ng/ul	100
68) 4-Bromophenyl-phenylether	16.674	248	483633	42.584	ng/ul	99
69) Hexachlorobenzene	16.792	284	573281	42.792	ng/ul	94
70) Atrazine	16.945	200	242053	20.126	ng/ul	100
71) Pentachlorophenol	17.139	266	327464	43.246	ng/ul	99
72) Phenanthrene	17.539	178	2422710	42.527	ng/ul	100
74) Anthracene	17.633	178	2415972	41.797	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.539	216	580005	39.587	ng/ul	98
76) Pentachlorobenzene	15.057	250	606166	39.515	ng/ul	99
77) Carbazole	17.898	167	2233328	42.910	ng/ul	99
78) Di-n-butylphthalate	18.427	149	3001451	45.452	ng/ul	100
80) Fluoranthene	19.492	202	3032630	45.691	ng/ul	99
82) Pyrene	19.845	202	3080153	44.856	ng/ul	99
83) Butylbenzylphthalate	20.698	149	1479451	48.746	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	881286	36.641	ng/ul	99
85) Benzo(a)anthracene	21.562	228	3118500	43.817	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	2210434	49.273	ng/ul	99
87) Chrysene	21.615	228	2917624	43.370	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	3804730	51.558	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3278422	45.233	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	3069987	43.818	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2737802	43.326	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	3309077	40.463	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	2745069	41.201	ng/ul	100
96) Benzo(g,h,i)perylene	27.662	276	2644680	39.241	ng/ul	98

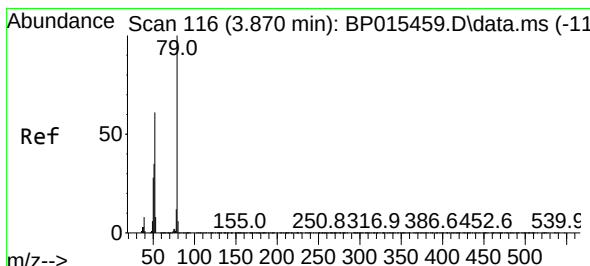
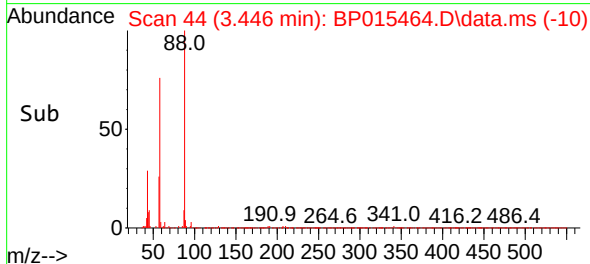
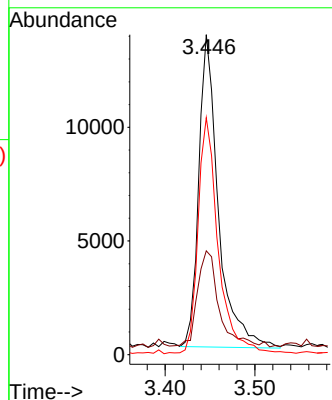
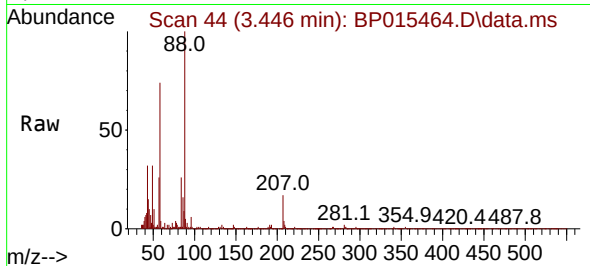
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#2
1,4-Dioxane
Concen: 4.926 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.000 min
Lab File: BP015464.D
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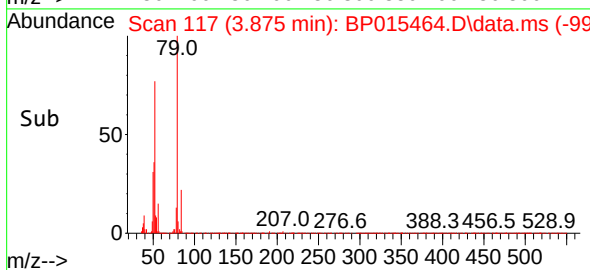
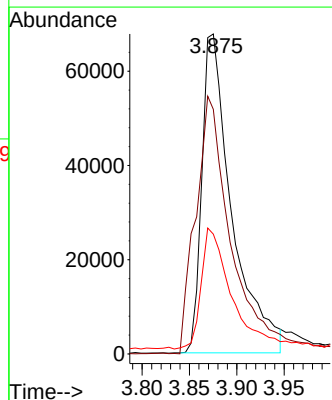
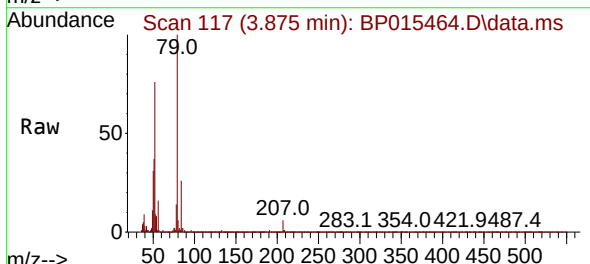
Instrument :
BNA_P
ClientSampleId :
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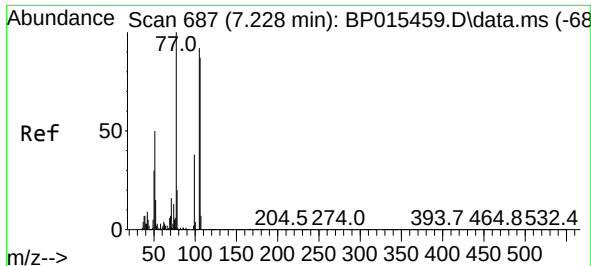
Tgt Ion: 88	Resp: 20840
Ion Ratio	Lower Upper
88	100
43	32.5 23.9 35.9
58	74.1 51.4 77.2



#5
Pyridine
Concen: 13.813 ng/uL
RT: 3.875 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion: 79	Resp: 148980
Ion Ratio	Lower Upper
79	100
52	76.5 59.5 89.3
51	37.5 29.8 44.6

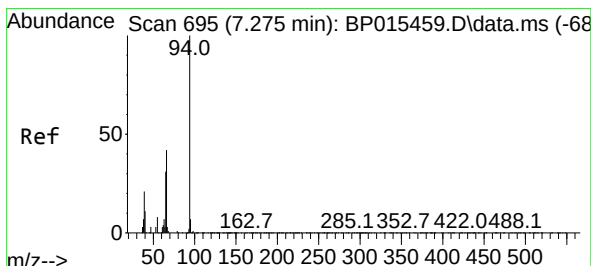
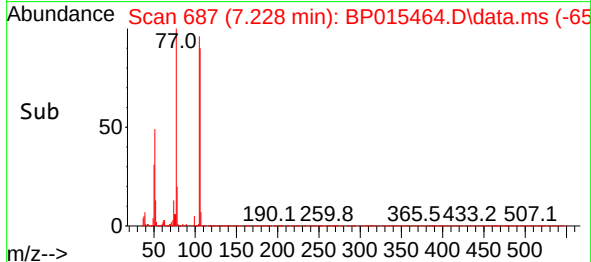
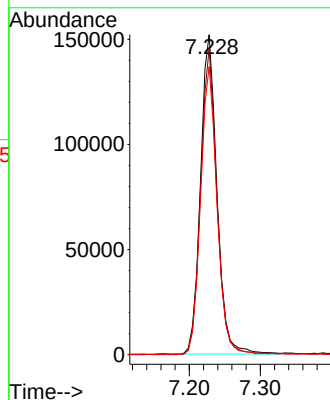
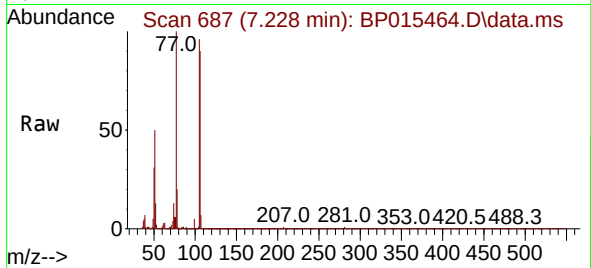




#6
Benzaldehyde
Concen: 46.985 ng/ul
RT: 7.228 min Scan# 687
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

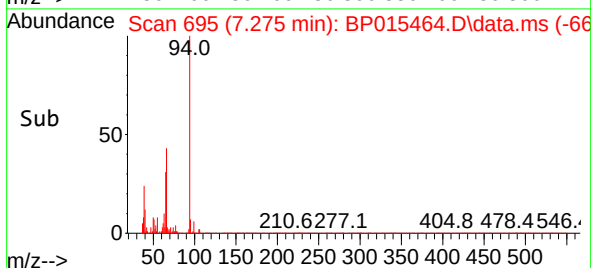
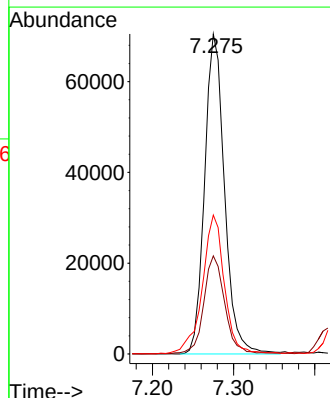
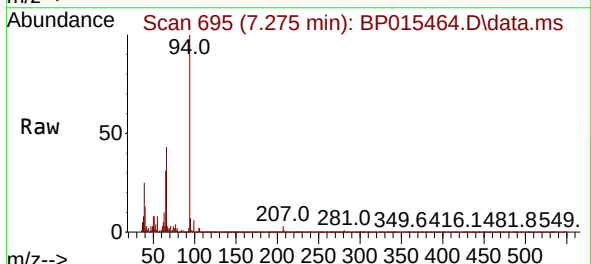
Instrument :
BNA_P
ClientSampleId :
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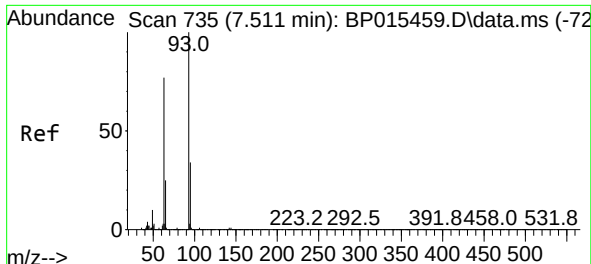
Tgt Ion: 77 Resp: 245377
Ion Ratio Lower Upper
77 100
105 95.7 77.3 115.9
106 90.1 73.3 109.9



#8
Phenol
Concen: 8.513 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion: 94 Resp: 119993
Ion Ratio Lower Upper
94 100
65 30.6 23.5 35.3
66 43.4 34.2 51.4



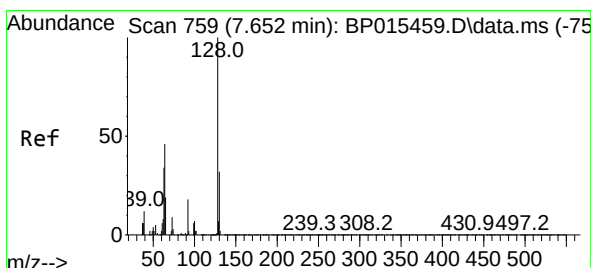
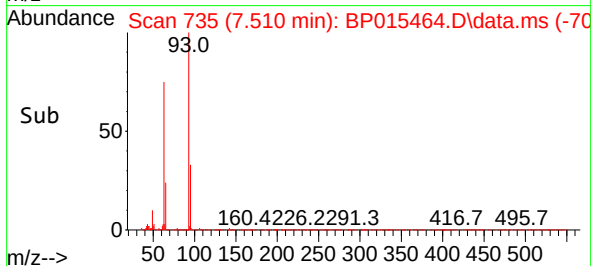
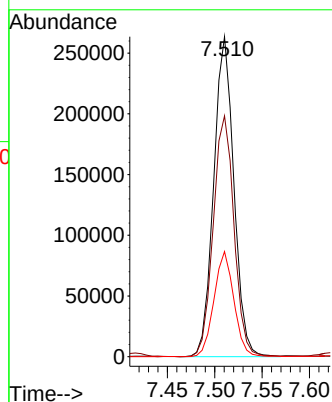
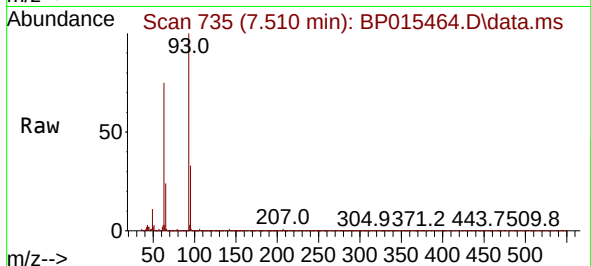


#10
 Bis(2-Chloroethyl)ether
 Concen: 34.975 ng/ul
 RT: 7.510 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: BP015464.D
 Acq: 09 Jun 2023 23:03

Instrument :
 BNA_P
 ClientSampleId :
 EZEN4MSD

Tgt Ion: 93 Resp: 389789

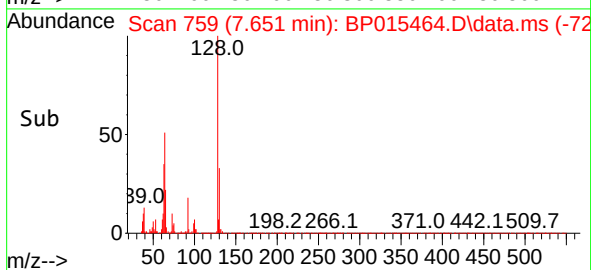
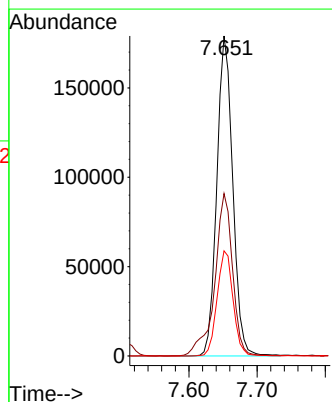
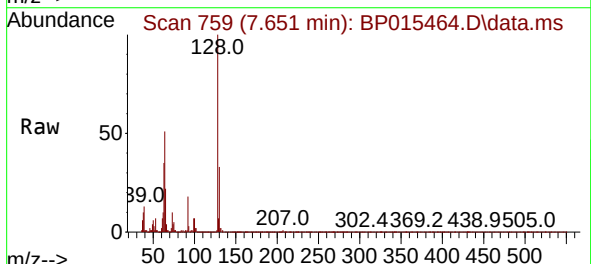
Ion	Ratio	Lower	Upper
93	100		
63	75.3	62.6	93.8
95	32.8	25.5	38.3

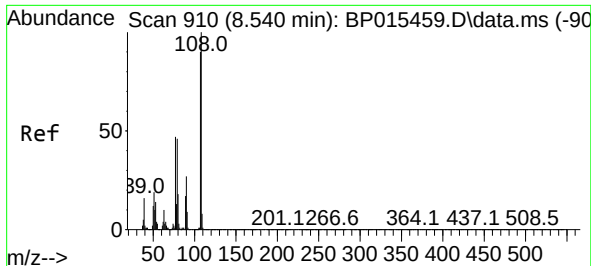


#12
 2-Chlorophenol
 Concen: 27.796 ng/ul
 RT: 7.651 min Scan# 759
 Delta R.T. -0.000 min
 Lab File: BP015464.D
 Acq: 09 Jun 2023 23:03

Tgt Ion:128 Resp: 290921

Ion	Ratio	Lower	Upper
128	100		
64	50.7	40.2	60.4
130	32.9	24.5	36.7

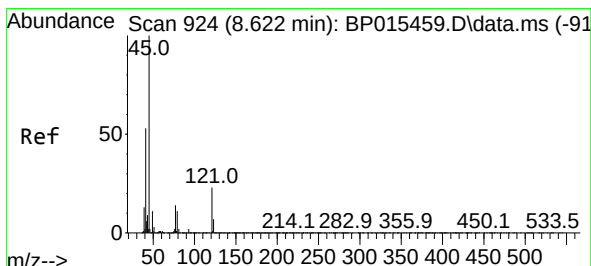
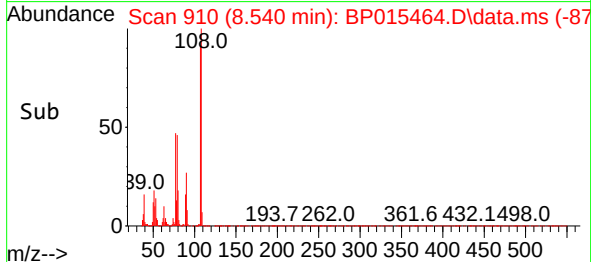
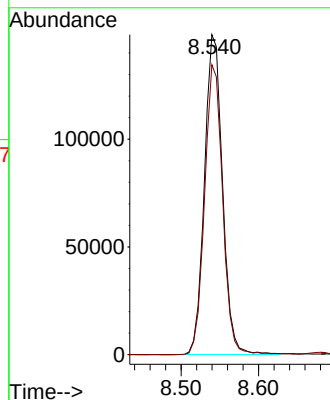
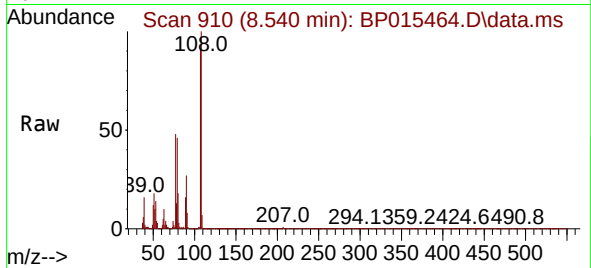




#13
2-Methylphenol
Concen: 22.146 ng/ul
RT: 8.540 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

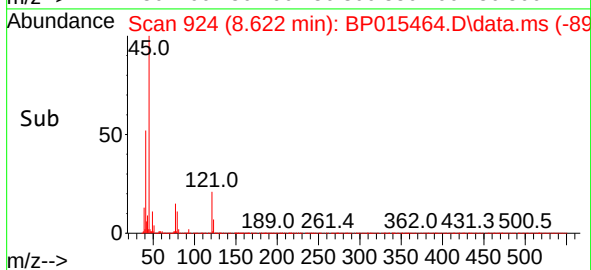
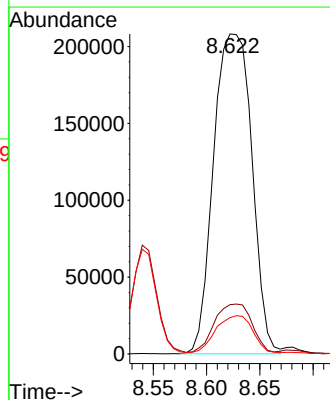
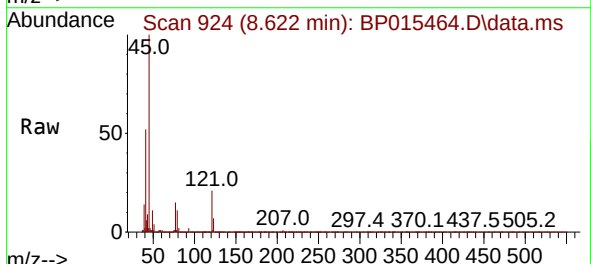
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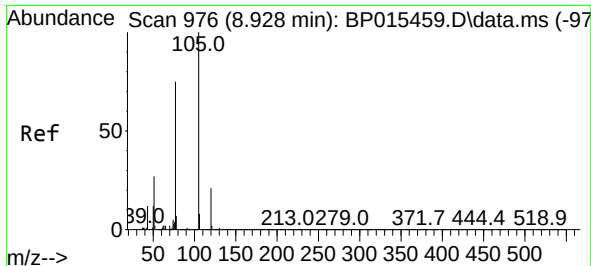
Tgt Ion:108 Resp: 240180
Ion Ratio Lower Upper
108 100
107 90.6 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 35.237 ng/ul
RT: 8.622 min Scan# 924
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion: 45 Resp: 520408
Ion Ratio Lower Upper
45 100
77 15.4 11.8 17.8
79 11.4 8.7 13.1

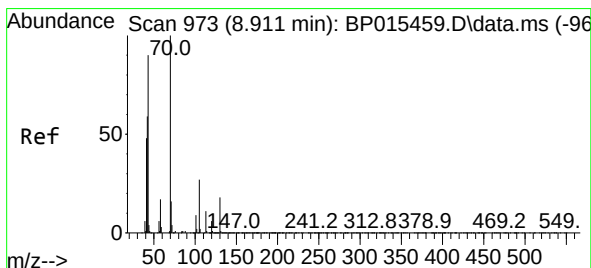
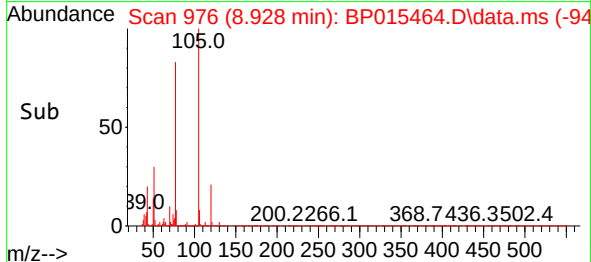
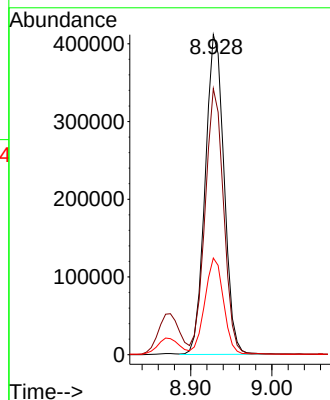
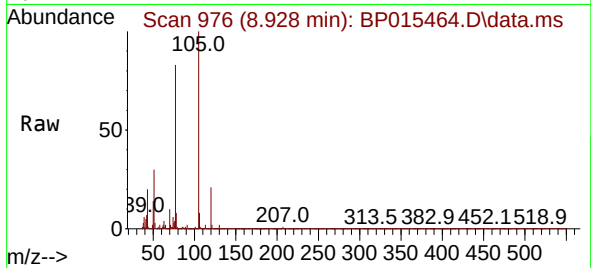




#16
Acetophenone
Concen: 37.063 ng/ul
RT: 8.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

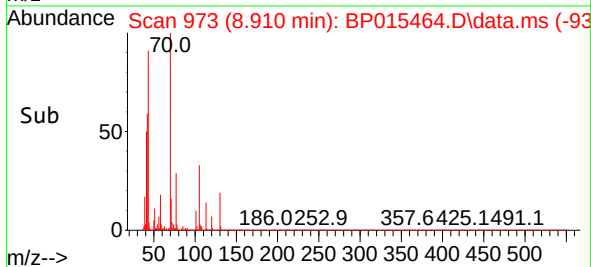
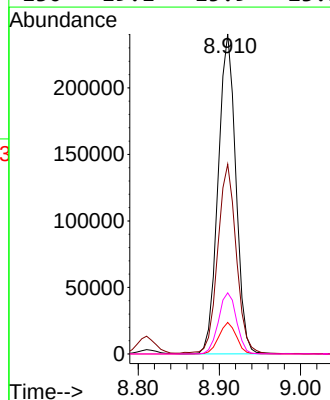
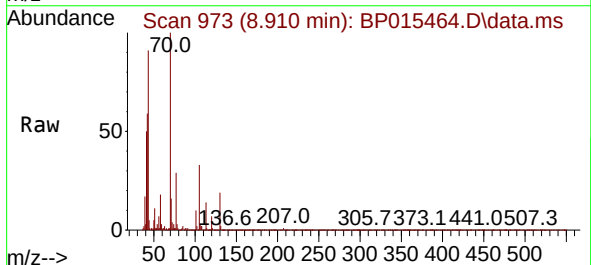
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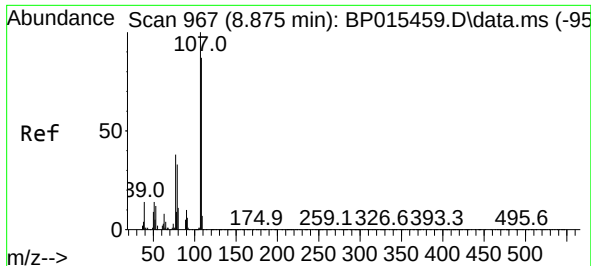
Tgt Ion:105 Resp: 663271
Ion Ratio Lower Upper
105 100
77 83.1 64.9 97.3
51 30.2 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 37.705 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion: 70 Resp: 364185
Ion Ratio Lower Upper
70 100
42 59.3 46.6 69.8
101 9.8 7.8 11.6
130 19.1 15.9 23.9

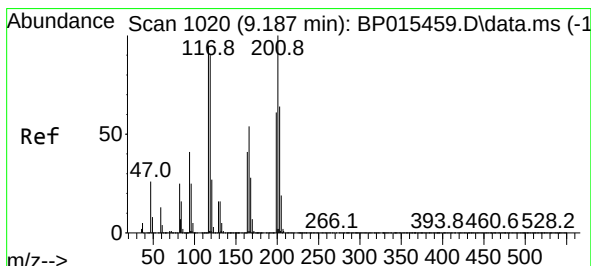
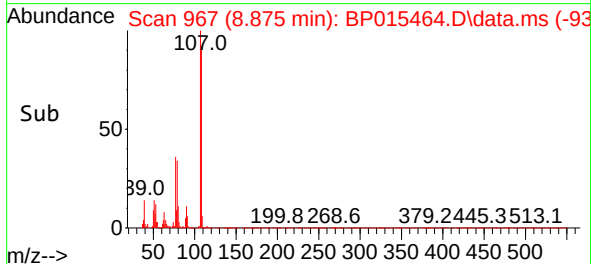
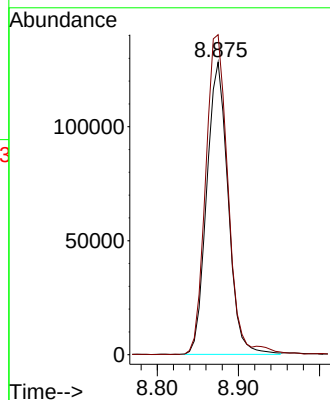
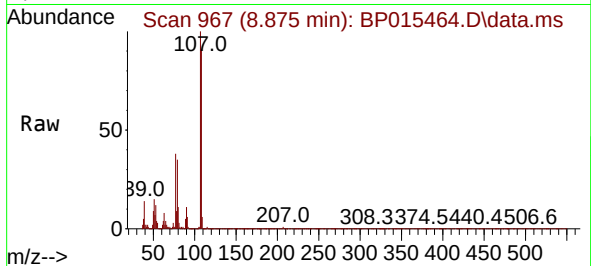




#18
4-Methylphenol
Concen: 19.683 ng/ul
RT: 8.875 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

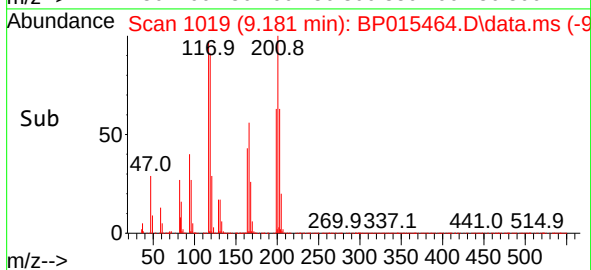
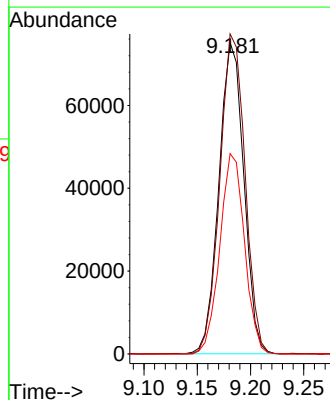
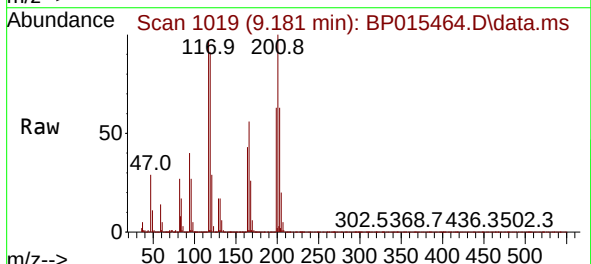
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

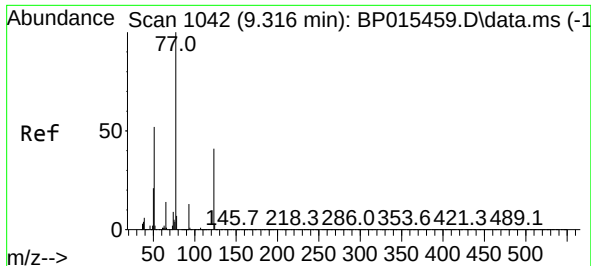
Tgt Ion:108 Resp: 234873
Ion Ratio Lower Upper
108 100
107 109.4 89.3 133.9



#19
Hexachloroethane
Concen: 27.626 ng/ul
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:117 Resp: 122186
Ion Ratio Lower Upper
117 100
201 102.8 82.8 124.2
199 64.3 50.6 76.0

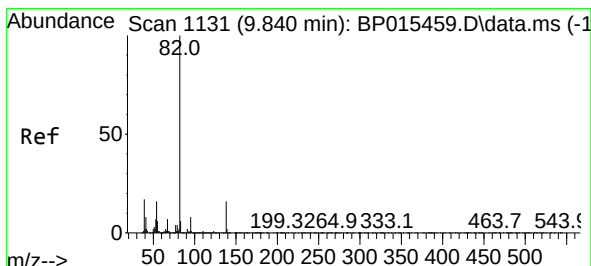
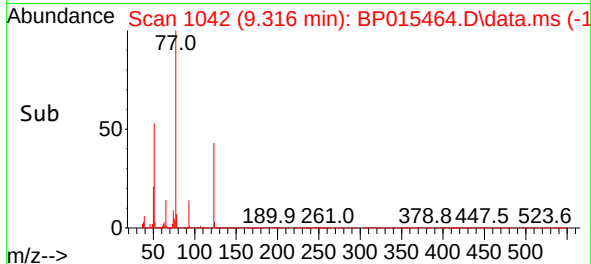
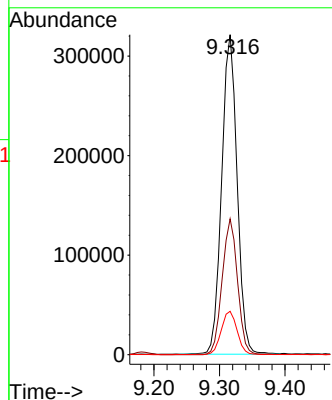
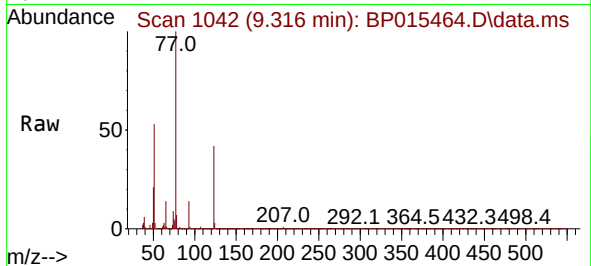




#22
Nitrobenzene
Concen: 36.462 ng/ul
RT: 9.316 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

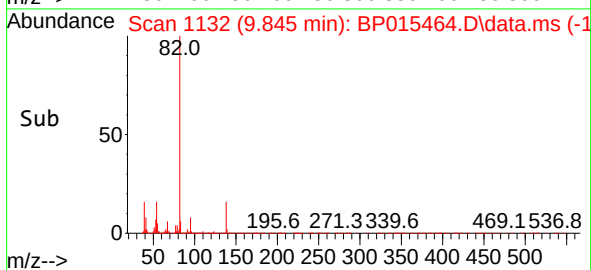
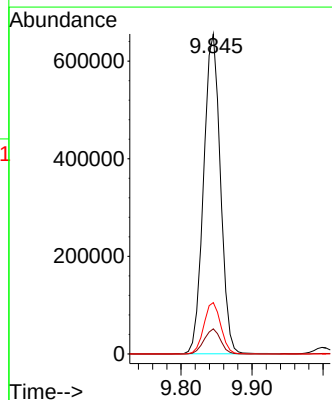
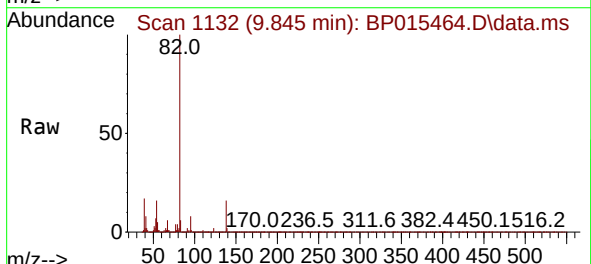
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

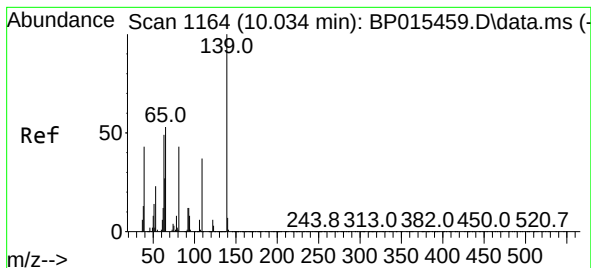
Tgt Ion: 77 Resp: 524368
Ion Ratio Lower Upper
77 100
123 42.5 33.5 50.3
65 13.6 11.6 17.4



#23
Isophorone
Concen: 37.403 ng/ul
RT: 9.845 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion: 82 Resp: 1076779
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 16.0 13.1 19.7

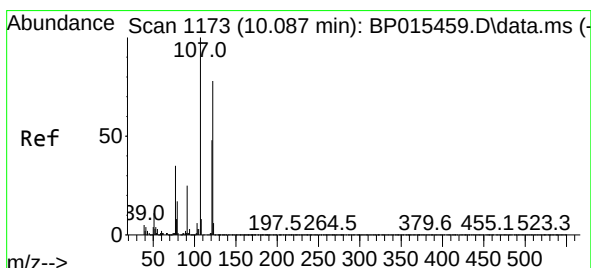
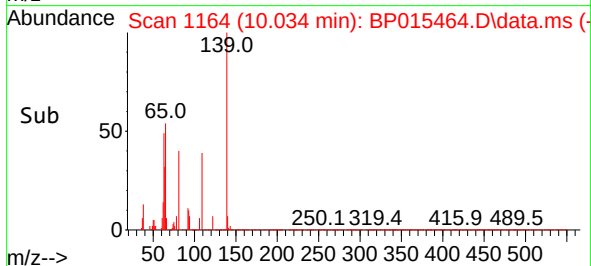
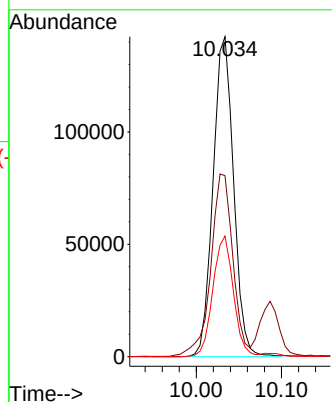
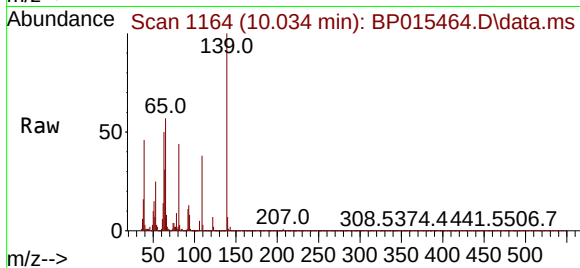




#25
2-Nitrophenol
Concen: 35.663 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

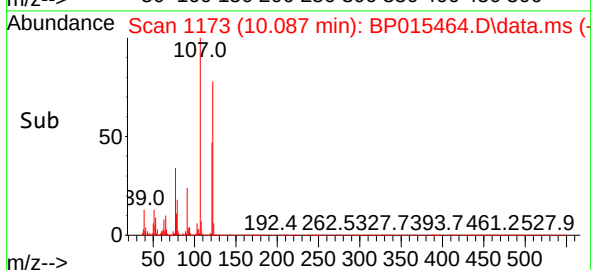
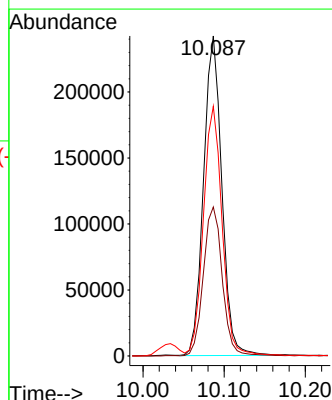
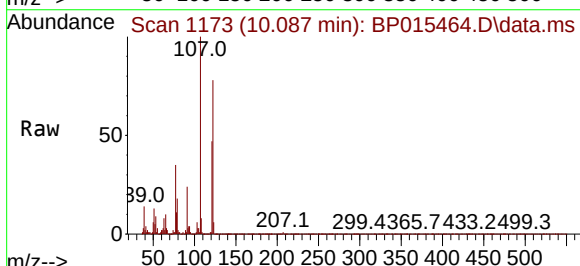
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

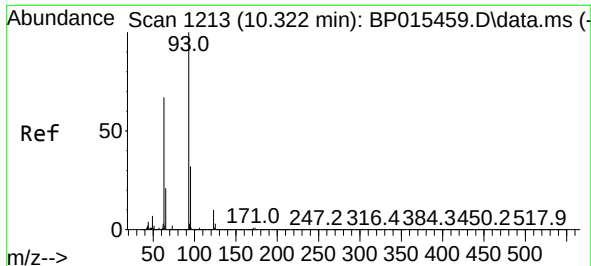
Tgt Ion:139 Resp: 238454
Ion Ratio Lower Upper
139 100
65 56.5 46.9 70.3
109 37.7 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 26.690 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:107 Resp: 378449
Ion Ratio Lower Upper
107 100
121 46.5 39.0 58.6
122 78.0 64.8 97.2

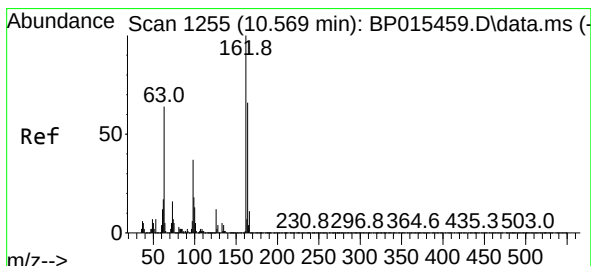
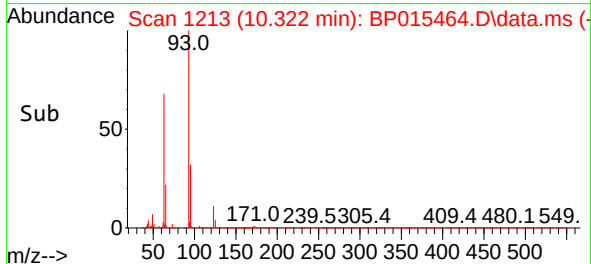
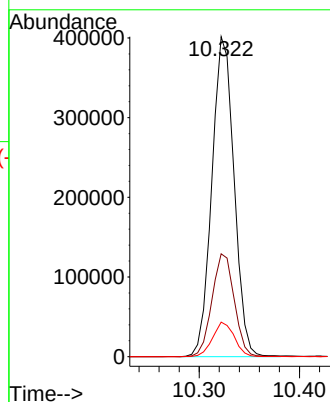
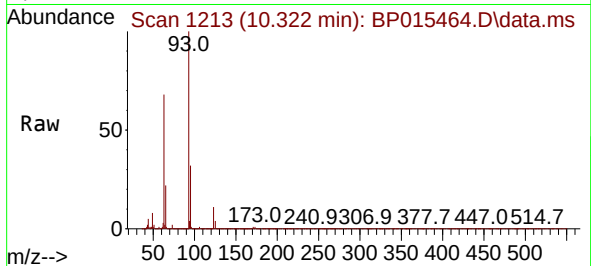




#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.793 ng/ul
 RT: 10.322 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: BP015464.D
 Acq: 09 Jun 2023 23:03

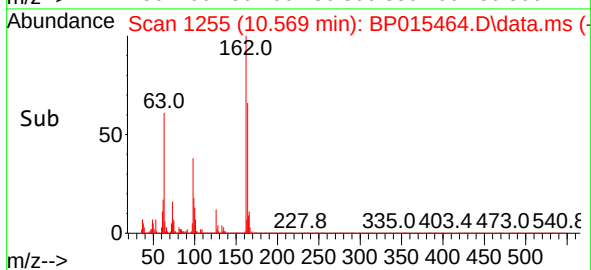
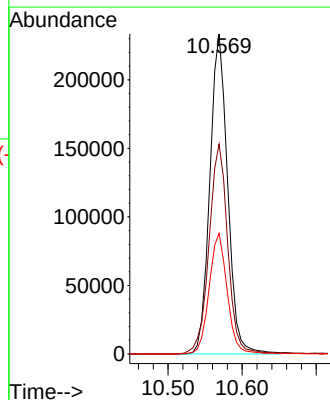
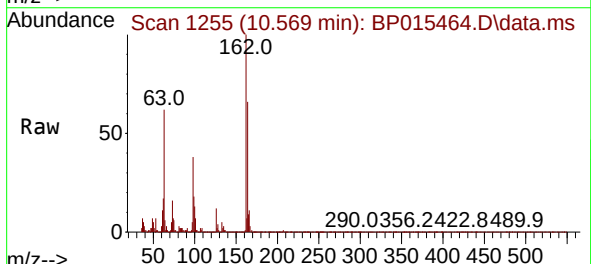
Instrument :
 BNA_P
 ClientSampleId :
 EZEN4MSD

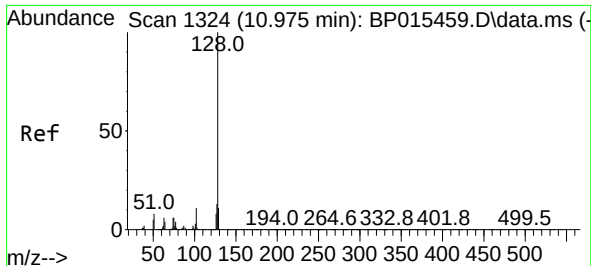
Tgt Ion: 93 Resp: 615803
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.7 38.5
 123 10.8 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 34.659 ng/ul
 RT: 10.569 min Scan# 1255
 Delta R.T. -0.000 min
 Lab File: BP015464.D
 Acq: 09 Jun 2023 23:03

Tgt Ion: 162 Resp: 389291
 Ion Ratio Lower Upper
 162 100
 164 65.6 50.6 76.0
 98 37.7 30.2 45.2

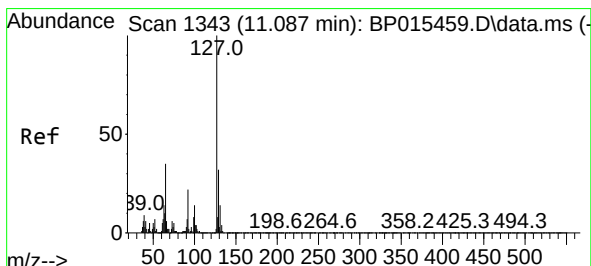
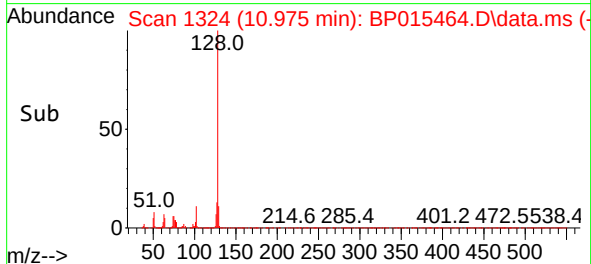
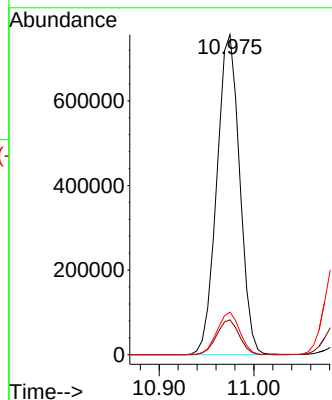
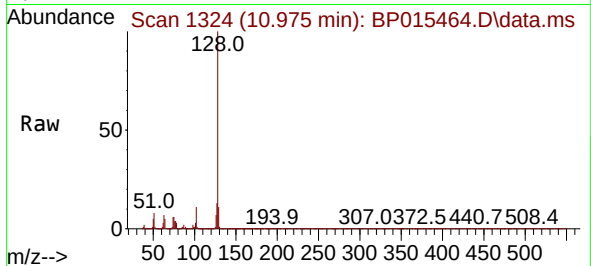




#30
Naphthalene
Concen: 33.903 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

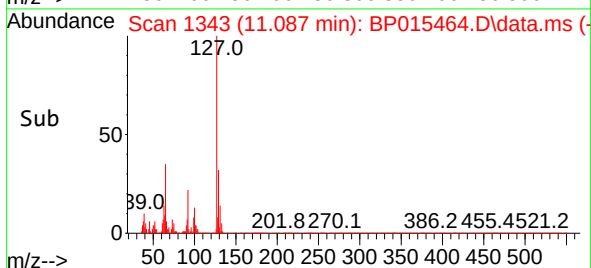
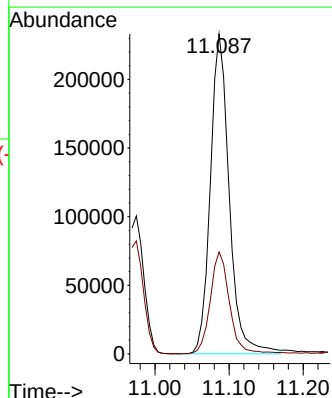
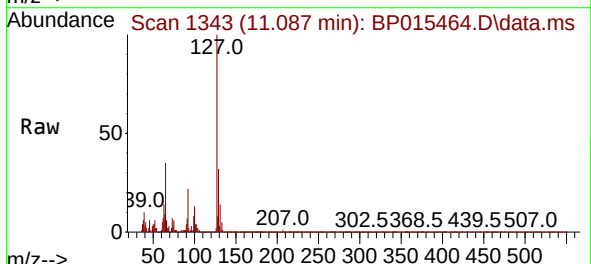
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

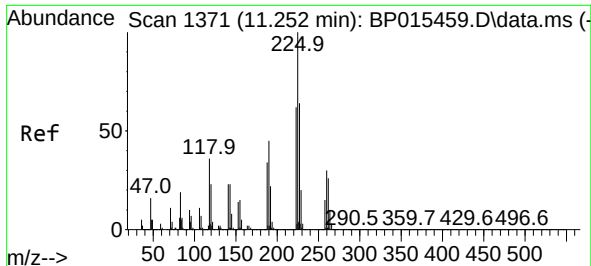
Tgt Ion:128 Resp: 1268946
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.5 15.7



#32
4-Chloroaniline
Concen: 24.586 ng/ul
RT: 11.087 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:127 Resp: 412507
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1

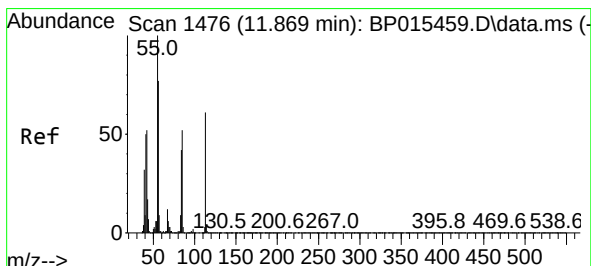
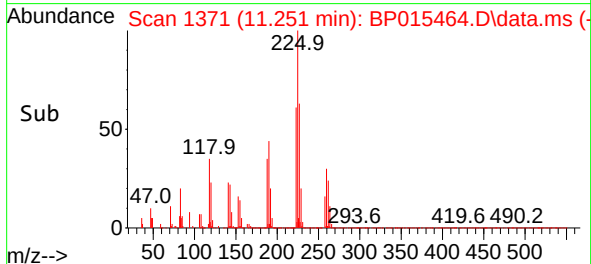
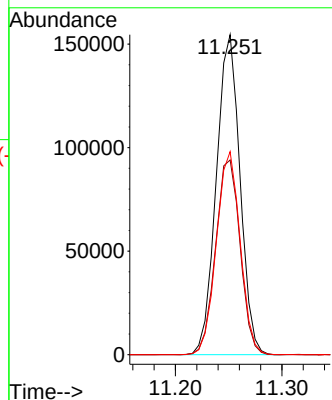
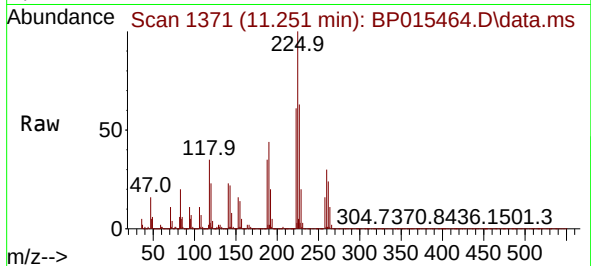




#33
Hexachlorobutadiene
Concen: 31.511 ng/ul
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

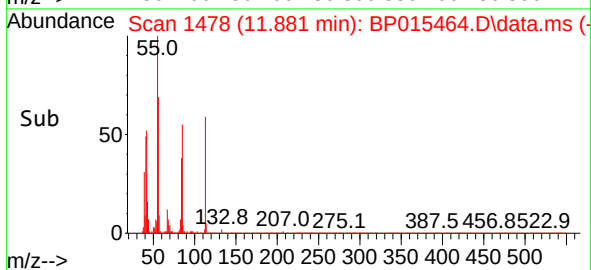
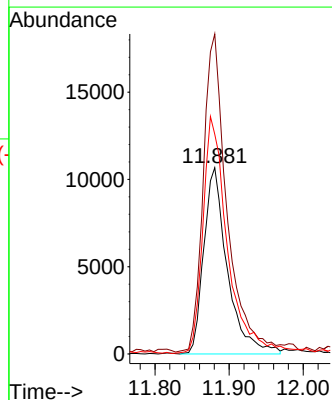
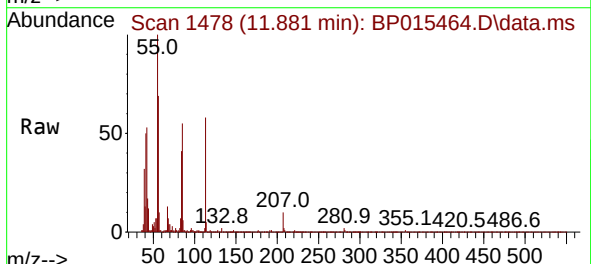
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

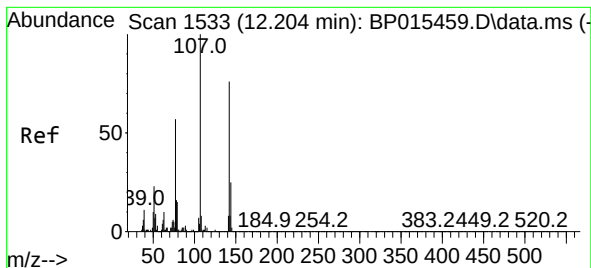
Tgt Ion:225 Resp: 238690
Ion Ratio Lower Upper
225 100
223 60.8 52.0 78.0
227 63.4 50.6 75.8



#34
Caprolactam
Concen: 5.604 ng/ul
RT: 11.881 min Scan# 1478
Delta R.T. 0.011 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:113 Resp: 23695
Ion Ratio Lower Upper
113 100
55 171.7 127.9 191.9
56 117.9 101.1 151.7

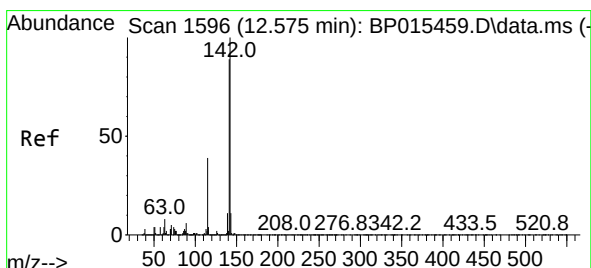
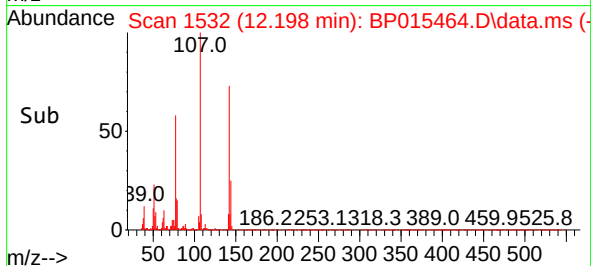
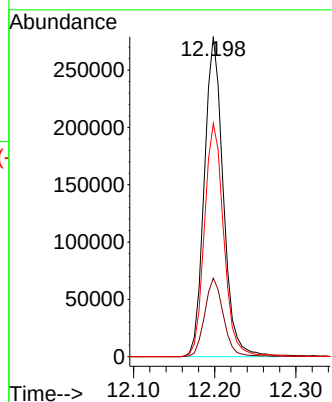
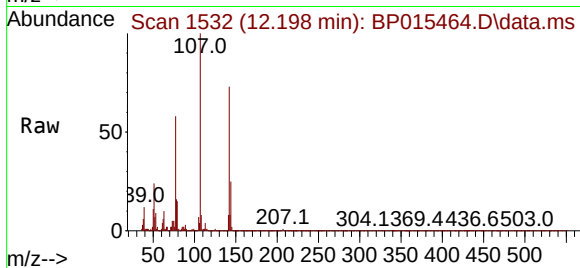




#35
4-Chloro-3-methylphenol
Concen: 33.193 ng/ul
RT: 12.198 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

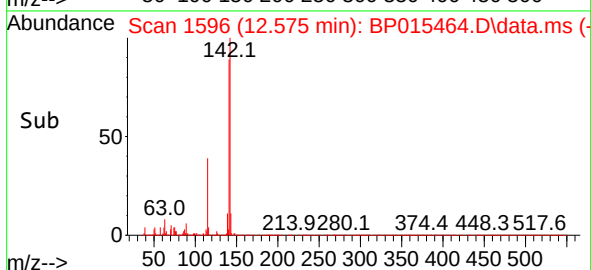
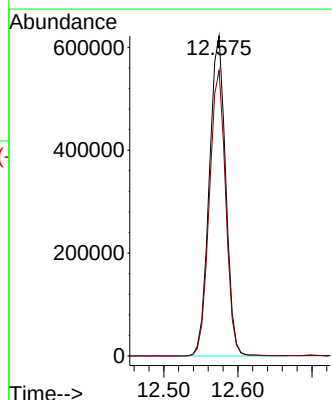
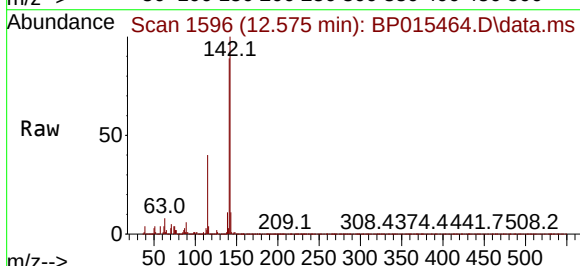
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

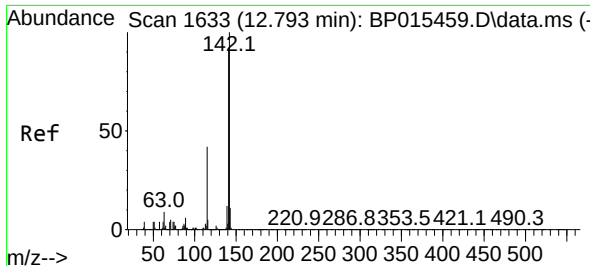
Tgt Ion:107 Resp: 451720
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.0
142 72.9 60.4 90.6



#36
2-Methylnaphthalene
Concen: 36.309 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:142 Resp: 955395
Ion Ratio Lower Upper
142 100
141 89.2 72.0 108.0

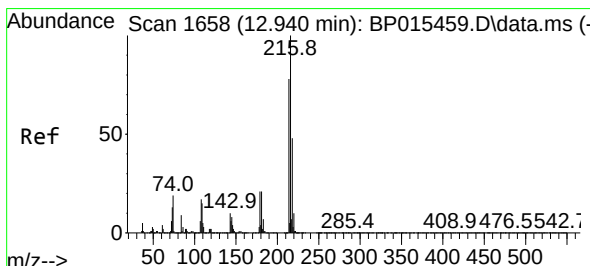
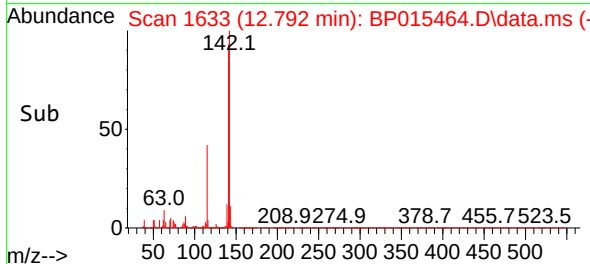
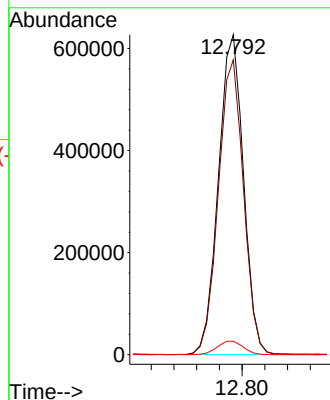
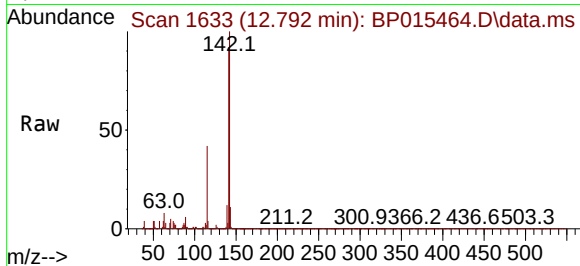




#37
1-Methylnaphthalene
Concen: 36.203 ng/ul
RT: 12.792 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

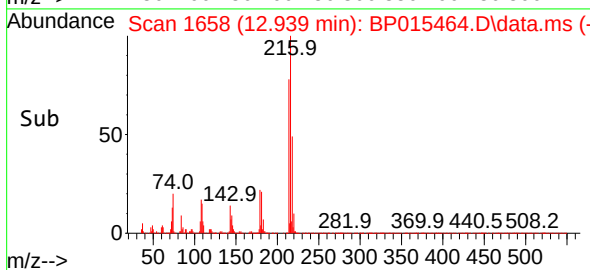
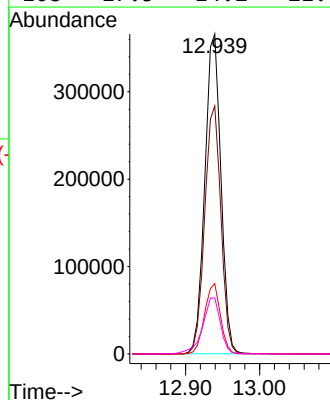
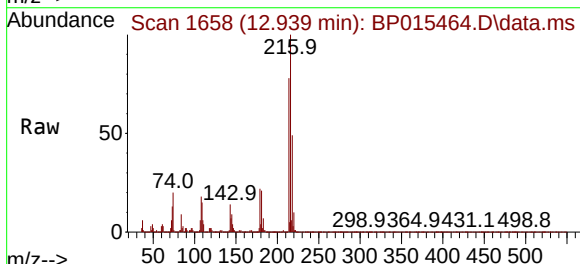
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

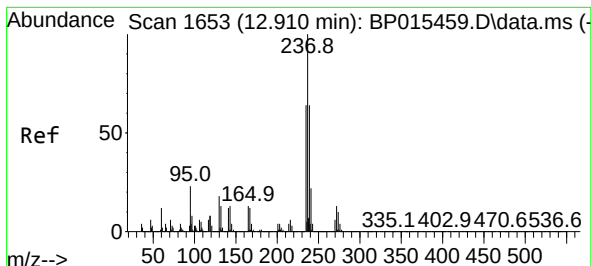
Tgt Ion:142 Resp: 959127
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9
116 4.2 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.378 ng/ul
RT: 12.939 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:216 Resp: 551715
Ion Ratio Lower Upper
216 100
214 77.5 62.2 93.2
179 22.0 17.4 26.2
108 17.5 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 36.758 ng/ul

RT: 12.910 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

BNA_P

ClientSampleId :

EZEN4MSD

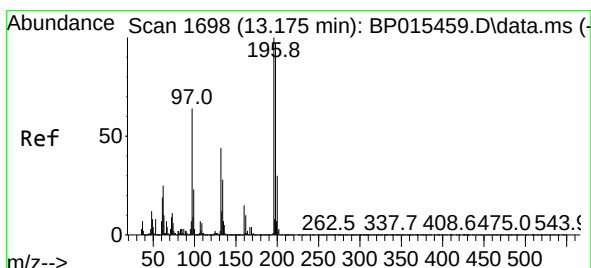
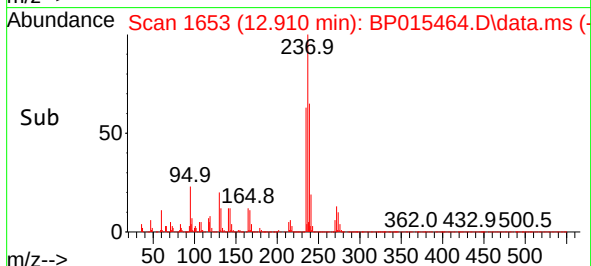
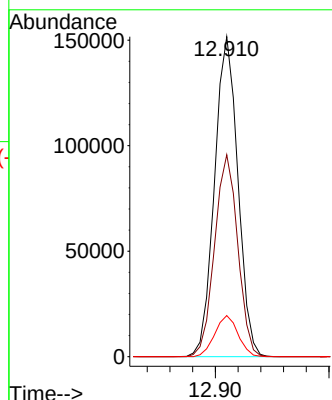
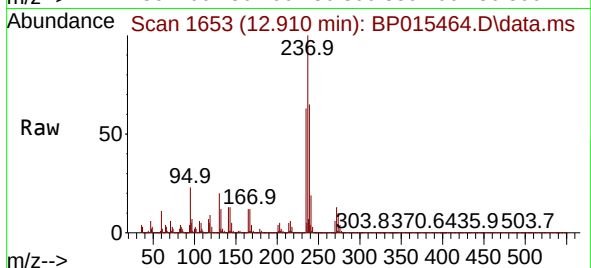
Tgt Ion:237 Resp: 216602

Ion Ratio Lower Upper

237 100

235 63.1 48.2 72.2

272 12.9 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 39.409 ng/ul

RT: 13.175 min Scan# 1698

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

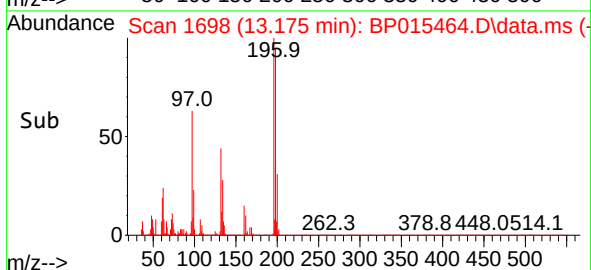
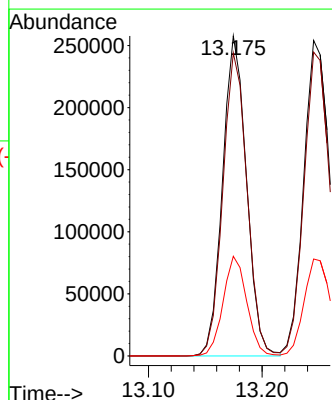
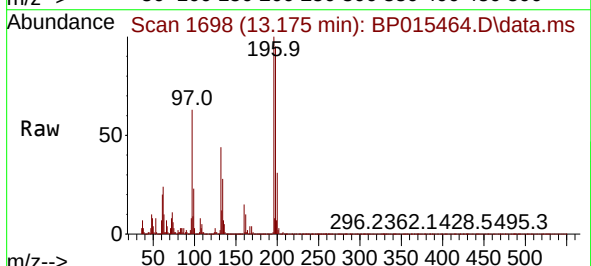
Tgt Ion:196 Resp: 377069

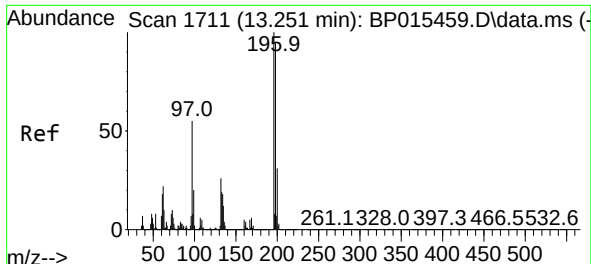
Ion Ratio Lower Upper

196 100

198 94.7 77.8 116.6

200 31.1 25.8 38.6

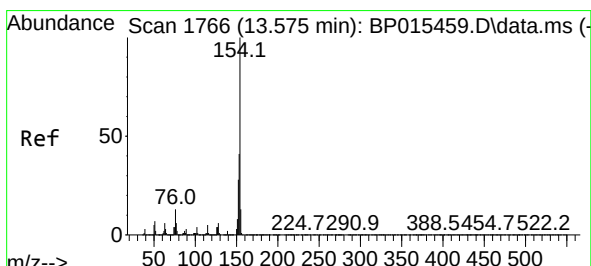
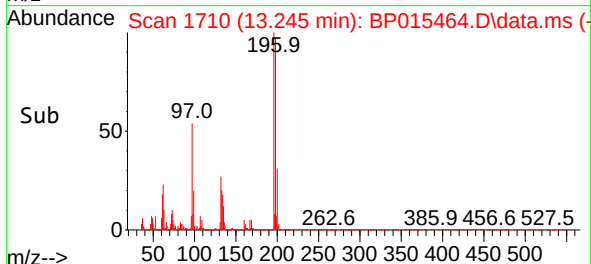
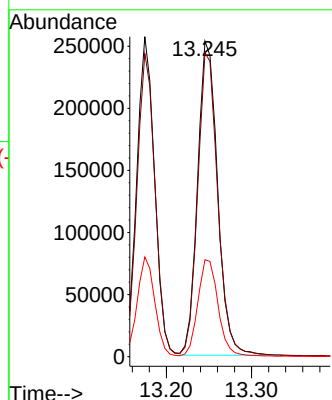
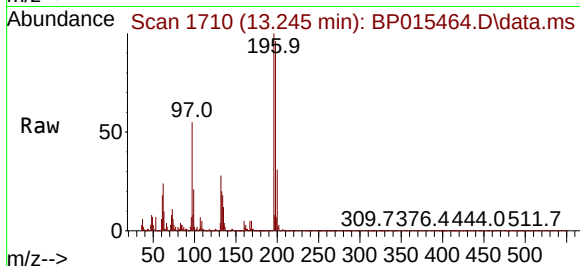




#42
2,4,5-Trichlorophenol
Concen: 39.589 ng/ul
RT: 13.245 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

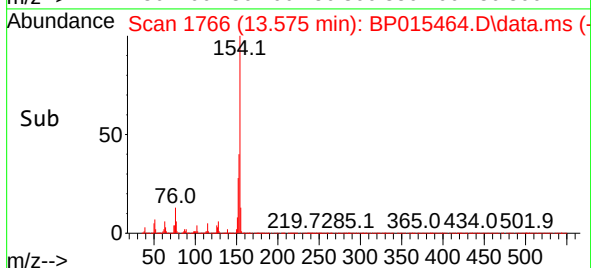
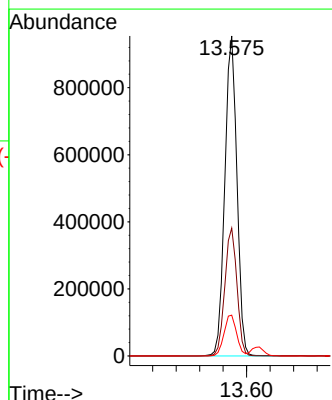
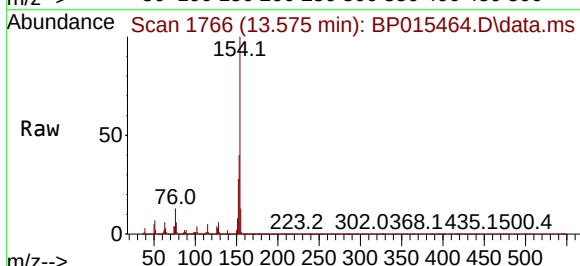
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

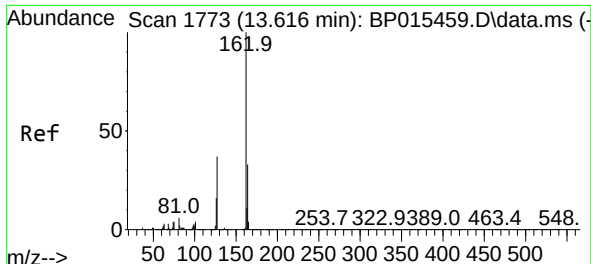
Tgt Ion:196 Resp: 412770
Ion Ratio Lower Upper
196 100
198 96.3 75.5 113.3
200 30.7 24.7 37.1



#43
1,1'-Biphenyl
Concen: 38.076 ng/ul
RT: 13.575 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:154 Resp: 1359376
Ion Ratio Lower Upper
154 100
153 40.0 32.2 48.2
76 12.7 10.4 15.6

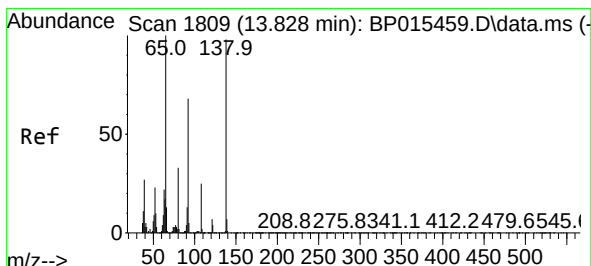
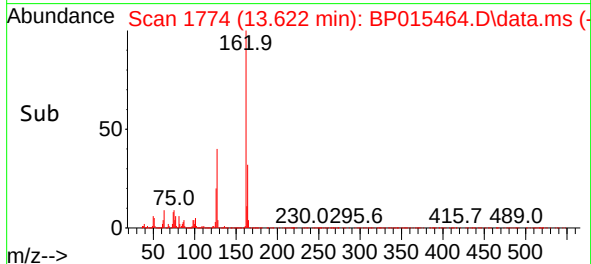
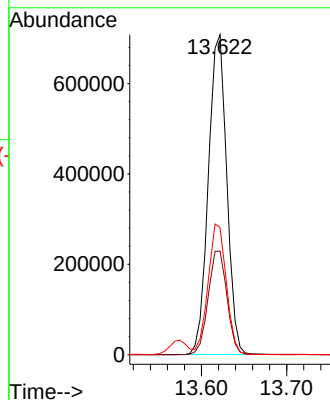
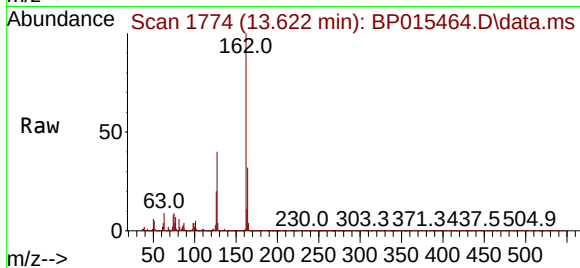




#44
2-Chloronaphthalene
Concen: 38.000 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

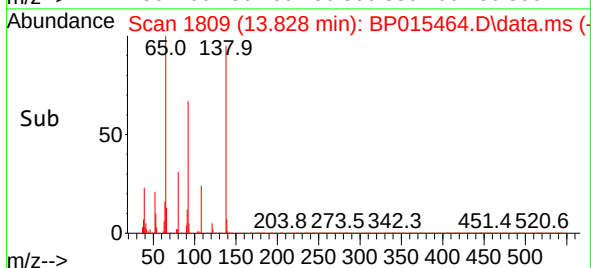
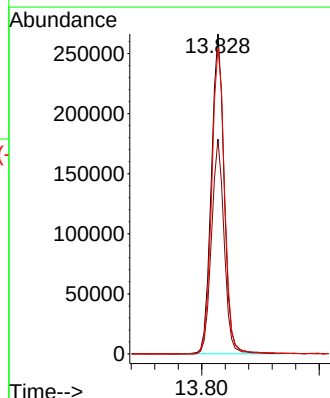
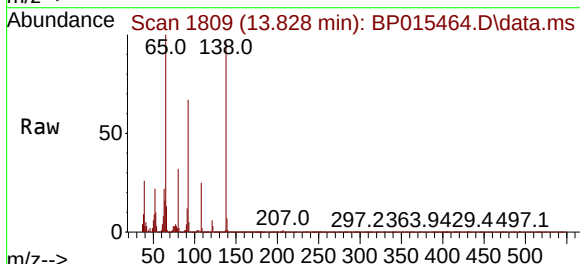
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

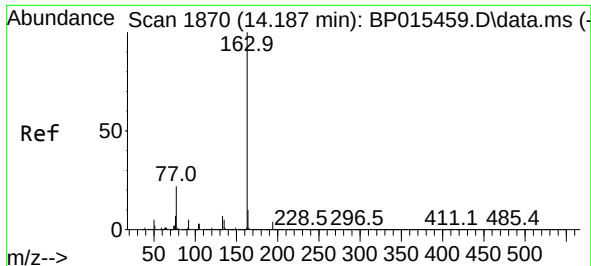
Tgt Ion:162 Resp: 1064405
Ion Ratio Lower Upper
162 100
164 32.4 27.0 40.6
127 39.8 32.2 48.4



#45
2-Nitroaniline
Concen: 44.976 ng/ul
RT: 13.828 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion: 65 Resp: 403203
Ion Ratio Lower Upper
65 100
92 67.2 55.4 83.2
138 95.6 78.8 118.2

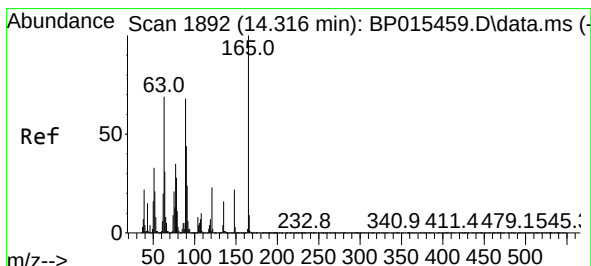
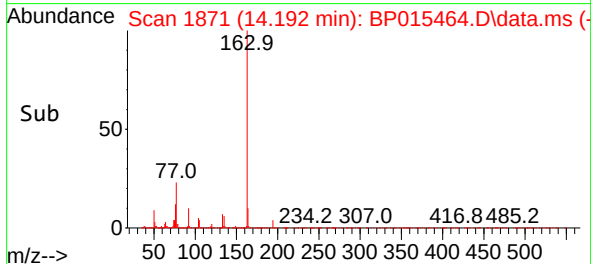
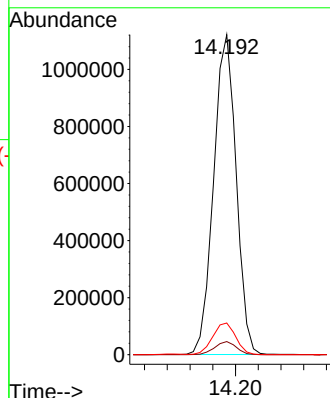
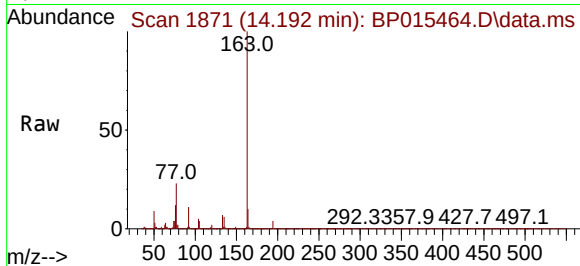




#47
Dimethylphthalate
Concen: 41.096 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

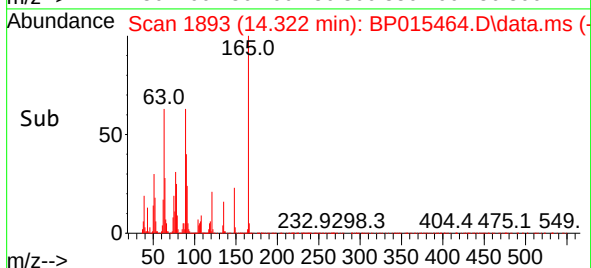
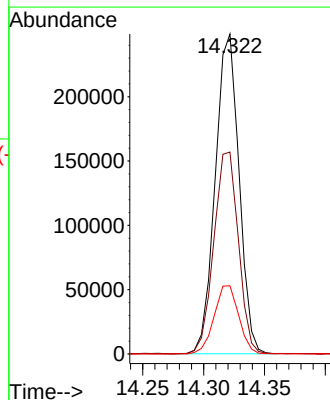
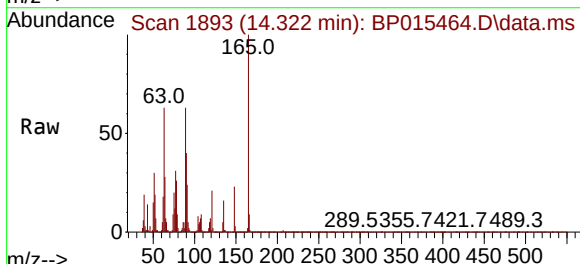
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

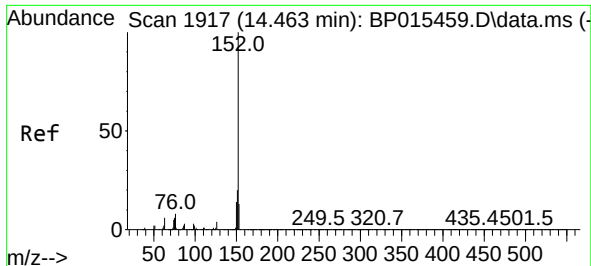
Tgt Ion:163 Resp: 1544701
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 43.957 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:165 Resp: 338509
Ion Ratio Lower Upper
165 100
89 63.1 51.5 77.3
121 21.3 17.3 25.9

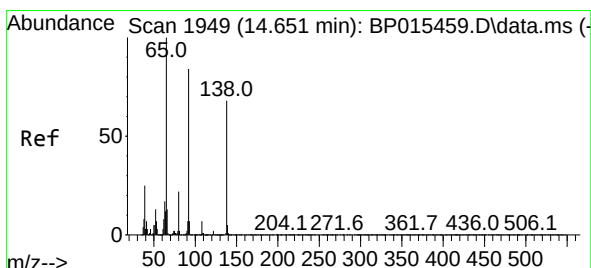
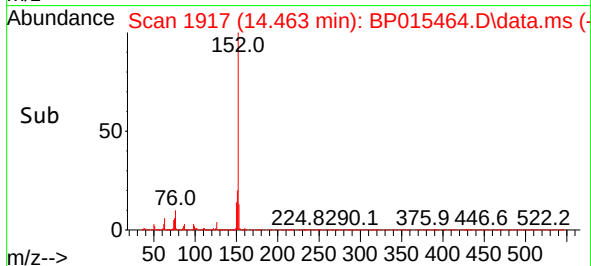
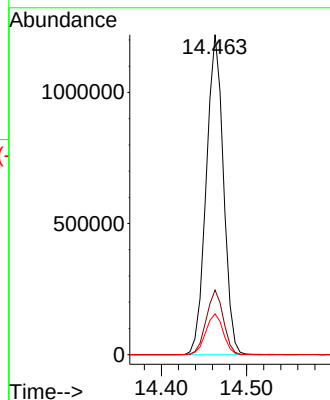
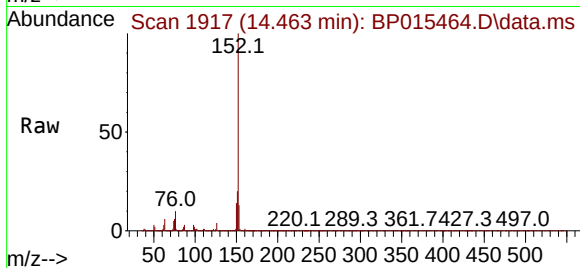




#50
Acenaphthylene
Concen: 38.763 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

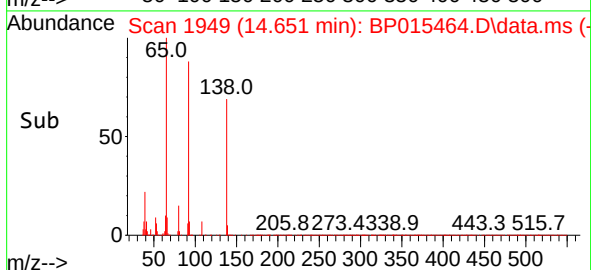
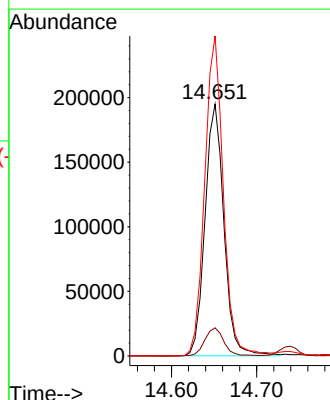
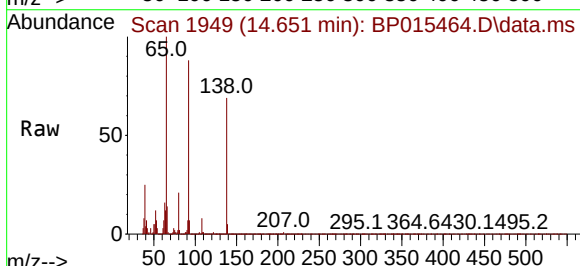
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

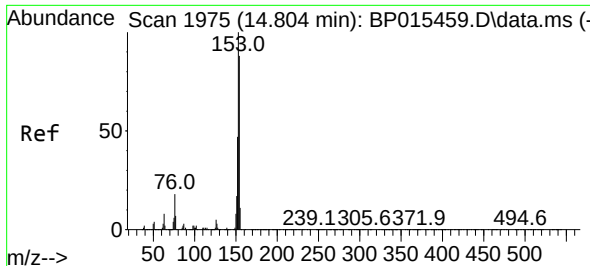
Tgt Ion:152 Resp: 1708782
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.8 10.6 15.8



#51
3-Nitroaniline
Concen: 47.264 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:138 Resp: 300465
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 127.1 98.0 147.0

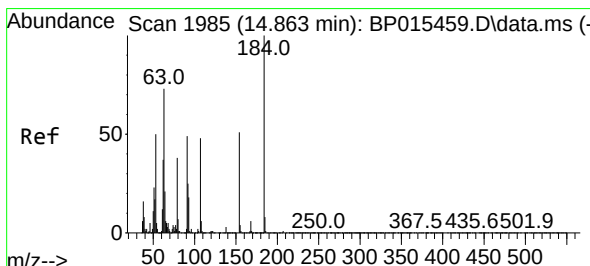
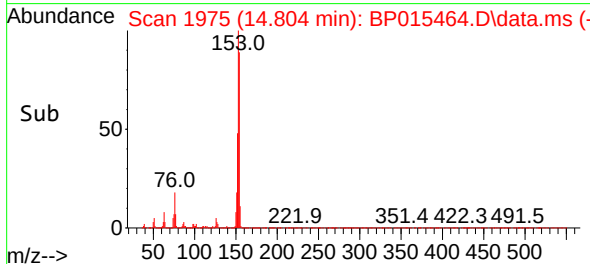
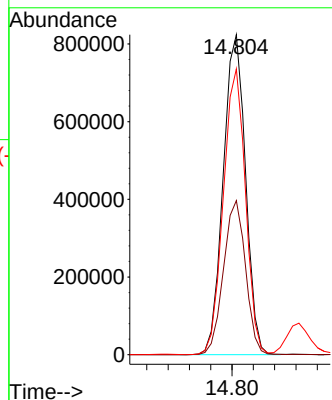
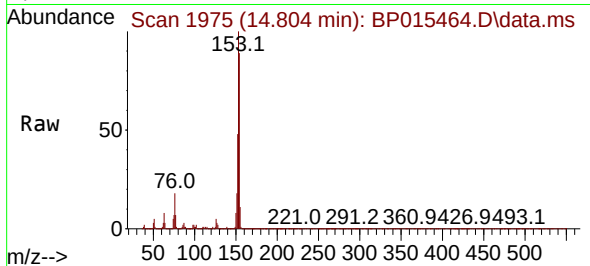




#52
Acenaphthene
Concen: 39.328 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

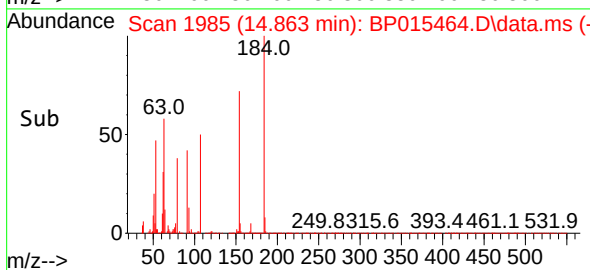
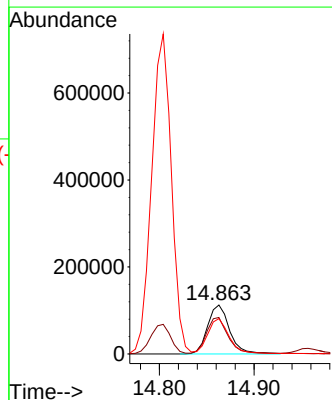
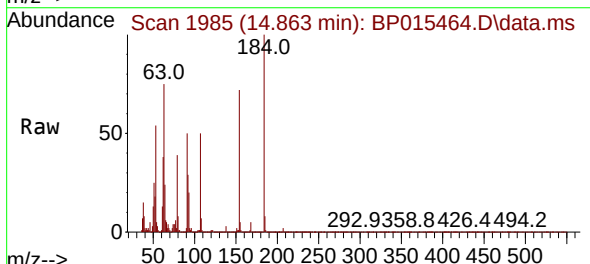
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

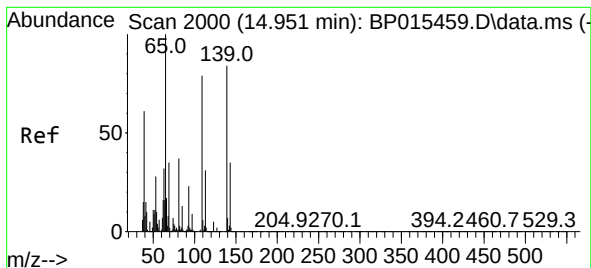
Tgt Ion:153 Resp: 1198390
Ion Ratio Lower Upper
153 100
152 48.2 38.3 57.5
154 89.3 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 39.084 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:184 Resp: 181055
Ion Ratio Lower Upper
184 100
63 74.6 59.0 88.4
154 72.3 57.6 86.4

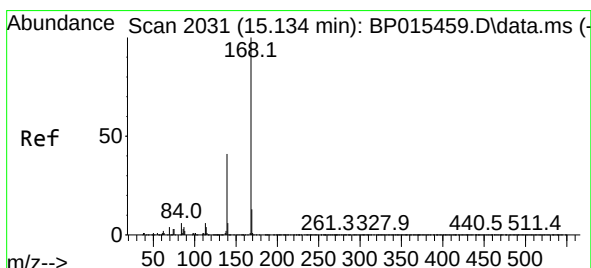
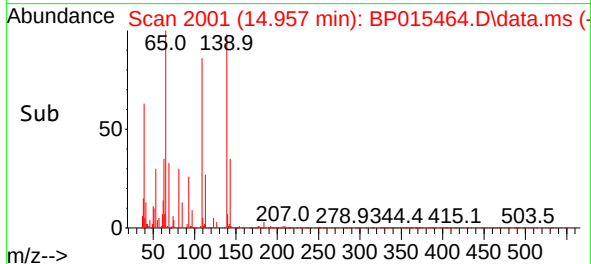
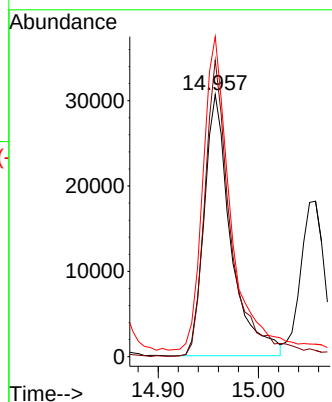
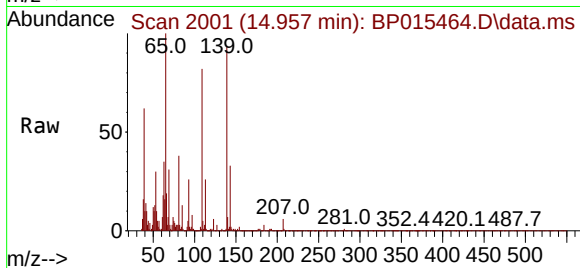




#55
4-Nitrophenol
Concen: 9.000 ng/ul
RT: 14.957 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

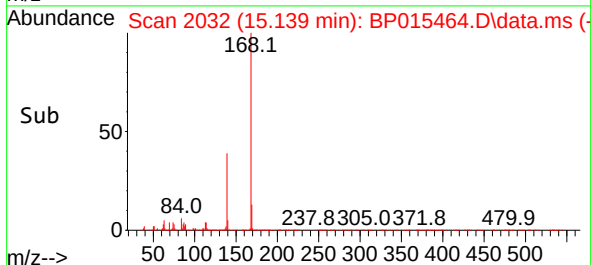
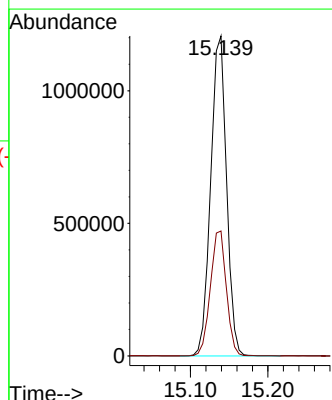
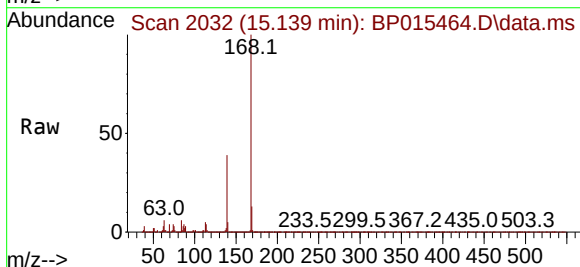
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

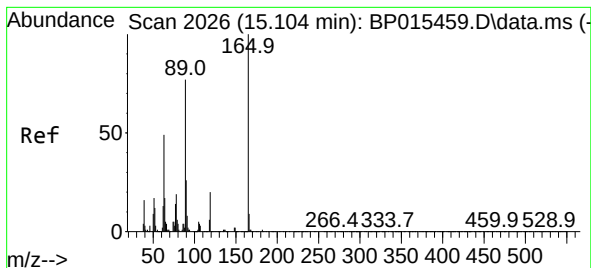
Tgt Ion:109 Resp: 56597
Ion Ratio Lower Upper
109 100
139 113.2 89.1 133.7
65 122.1 103.1 154.7



#56
Dibenzofuran
Concen: 39.764 ng/ul
RT: 15.139 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:168 Resp: 1717350
Ion Ratio Lower Upper
168 100
139 39.1 31.2 46.8





#57

2,4-Dinitrotoluene

Concen: 43.106 ng/ul

RT: 15.110 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

BNA_P

ClientSampleId :

EZEN4MSD

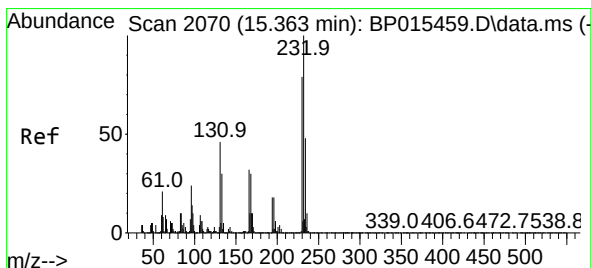
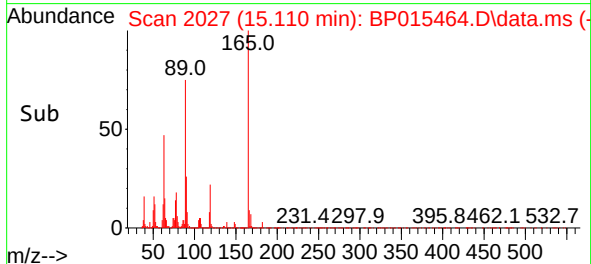
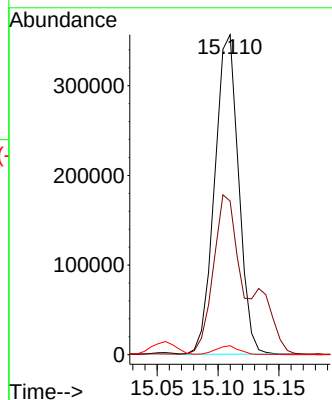
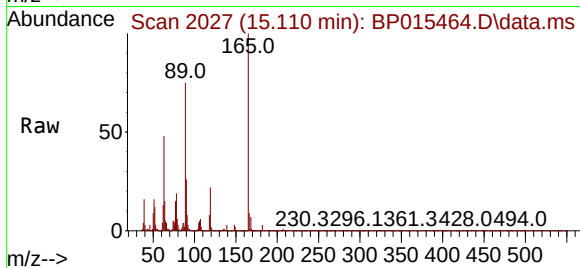
Tgt Ion:165 Resp: 488231

Ion Ratio Lower Upper

165 100

63 48.0 39.1 58.7

182 2.8 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.881 ng/ul

RT: 15.363 min Scan# 2070

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Tgt Ion:232 Resp: 384860

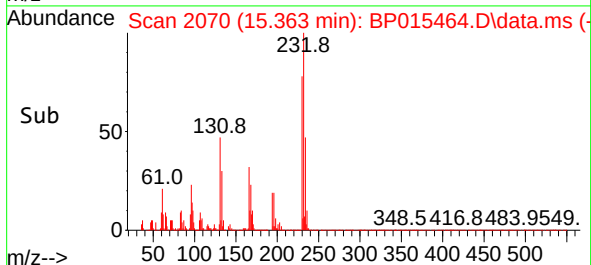
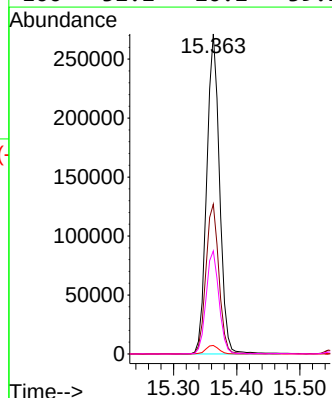
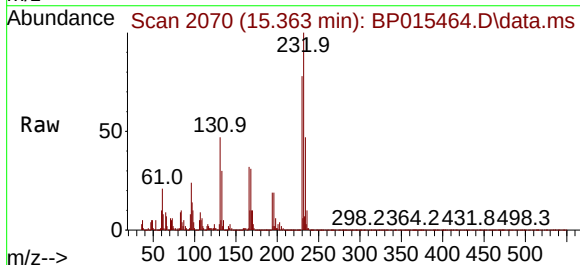
Ion Ratio Lower Upper

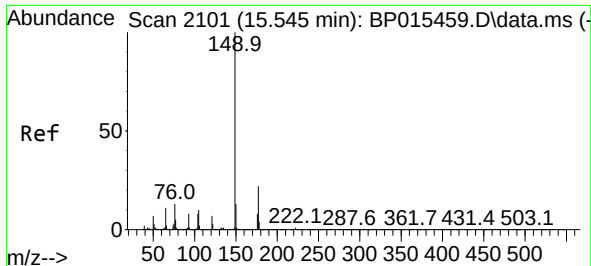
232 100

131 46.8 37.8 56.8

130 2.7 1.9 2.9

166 32.2 26.2 39.2

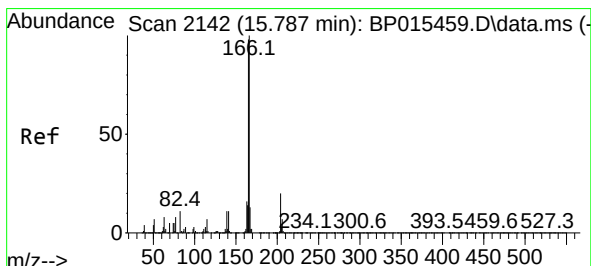
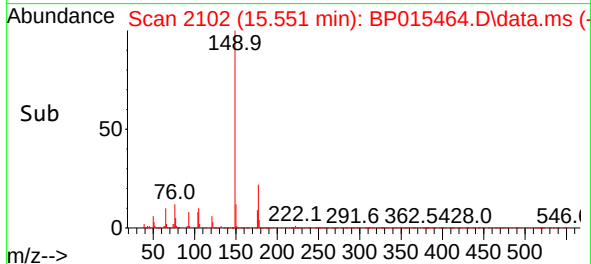
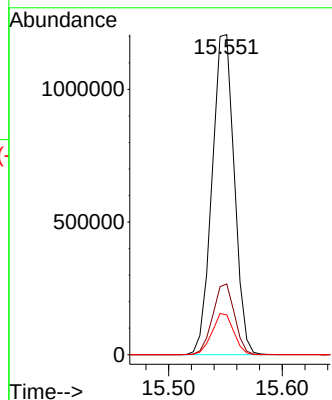
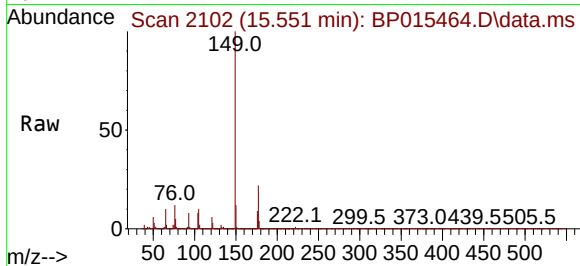




#59
Diethylphthalate
Concen: 42.567 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

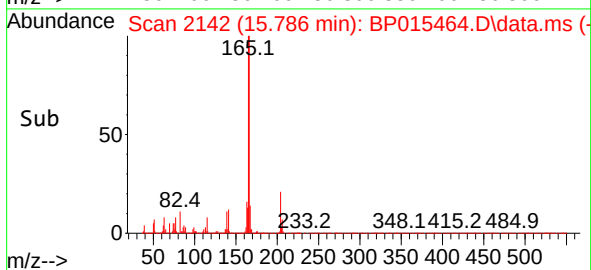
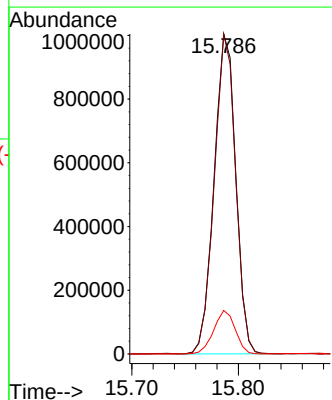
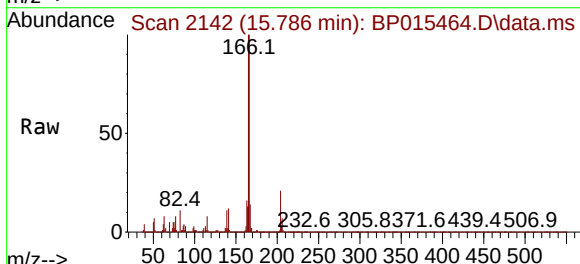
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

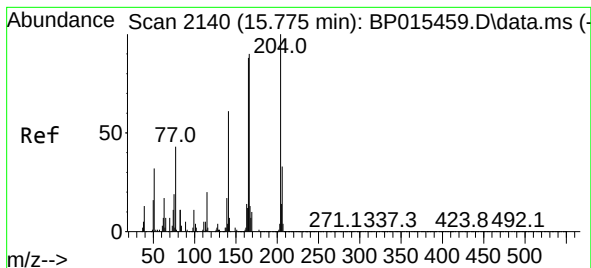
Tgt Ion:149 Resp: 1639796
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.5 10.1 15.1



#61
Fluorene
Concen: 40.211 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:166 Resp: 1415699
Ion Ratio Lower Upper
166 100
165 99.9 79.1 118.7
167 13.6 10.6 16.0

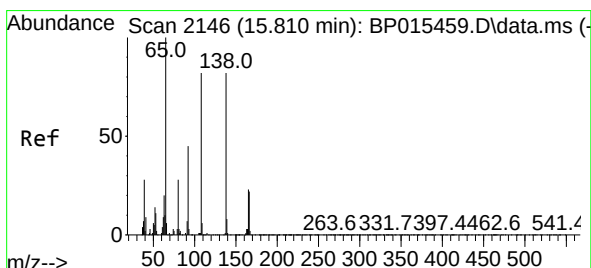
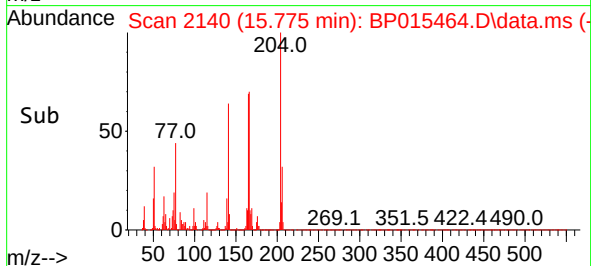
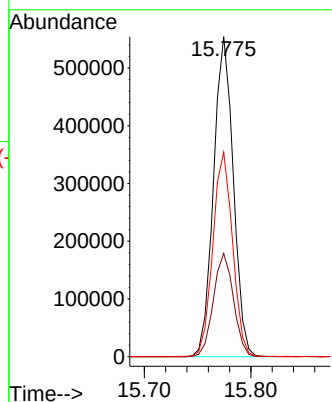
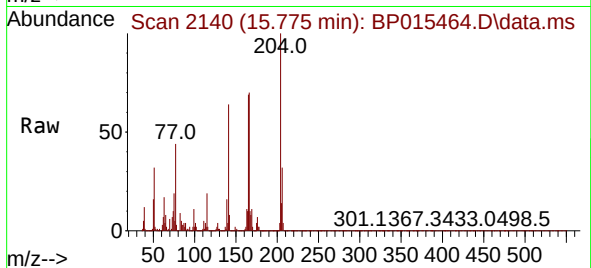




#62
4-Chlorophenyl-phenylether
Concen: 40.350 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

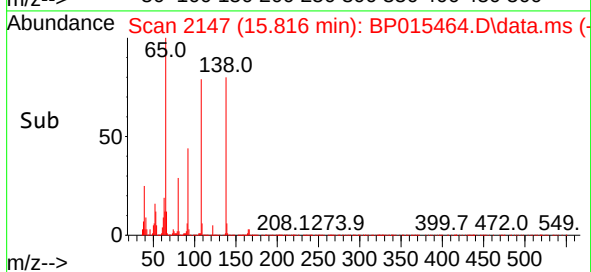
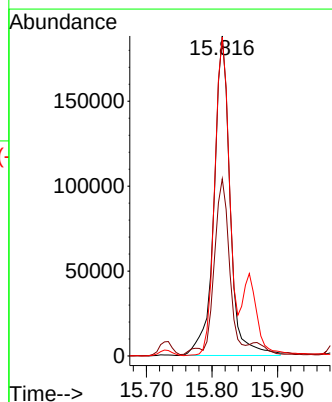
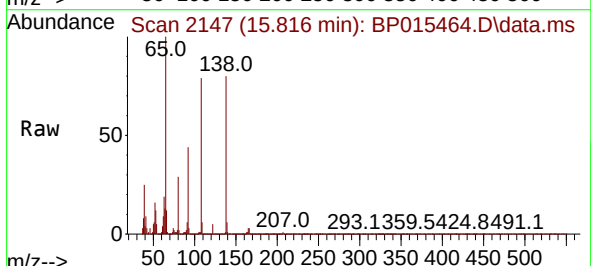
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

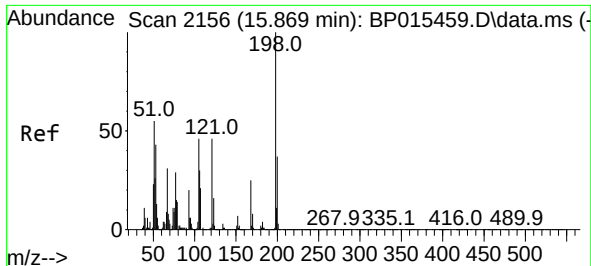
Tgt Ion:204 Resp: 715973
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 63.9 49.8 74.8



#63
4-Nitroaniline
Concen: 53.245 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:138 Resp: 321066
Ion Ratio Lower Upper
138 100
92 55.3 44.6 67.0
108 99.6 78.4 117.6

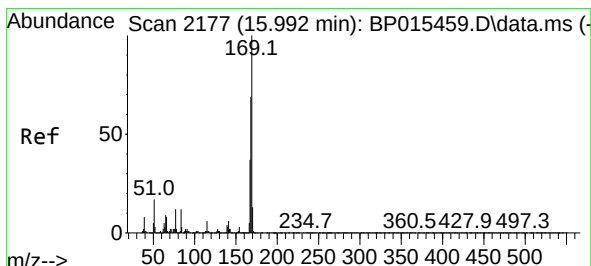
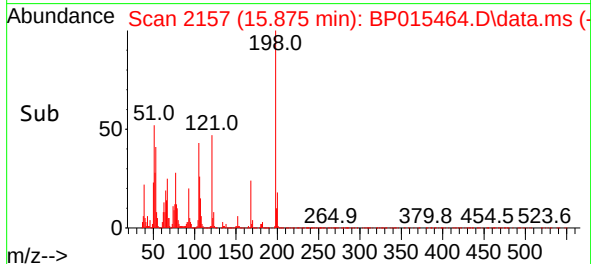
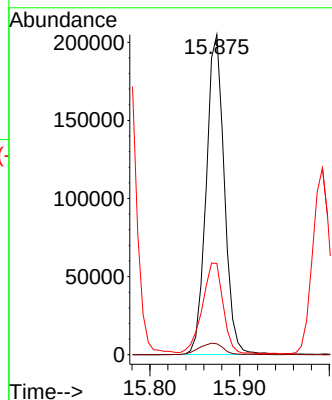
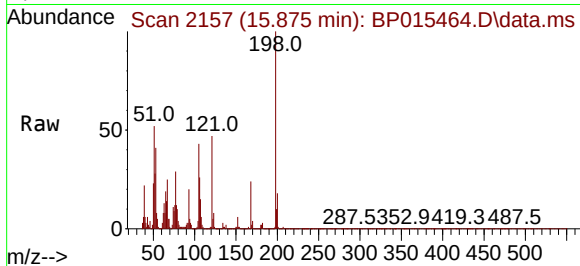




#66
4,6-Dinitro-2-methylphenol
Concen: 41.755 ng/ul
RT: 15.875 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

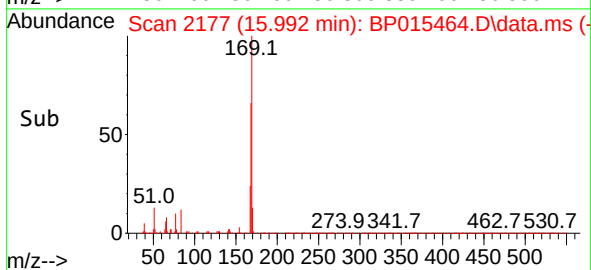
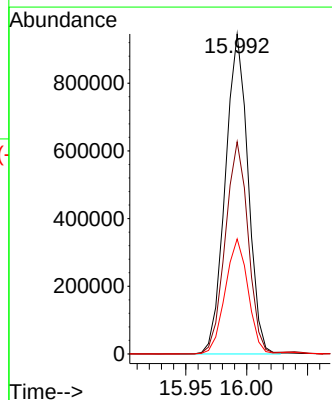
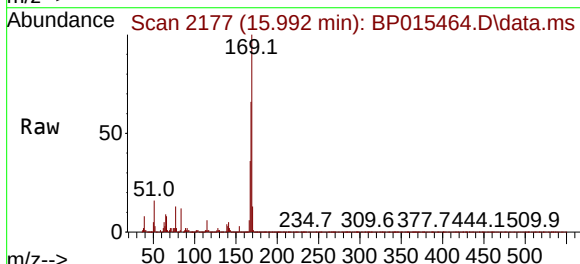
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

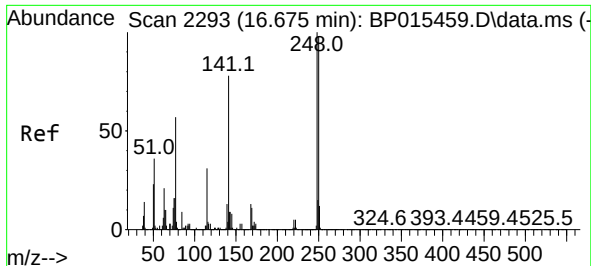
Tgt Ion:198 Resp: 286399
Ion Ratio Lower Upper
198 100
182 3.4 3.0 4.4
77 28.5 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 40.782 ng/ul
RT: 15.992 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:169 Resp: 1228240
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.0 28.9 43.3

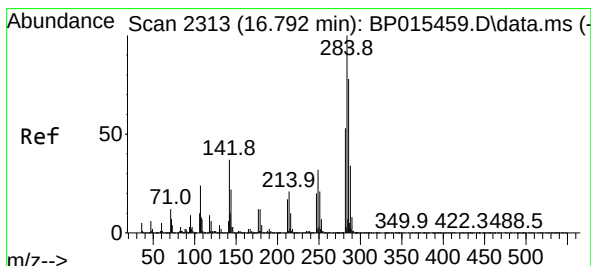
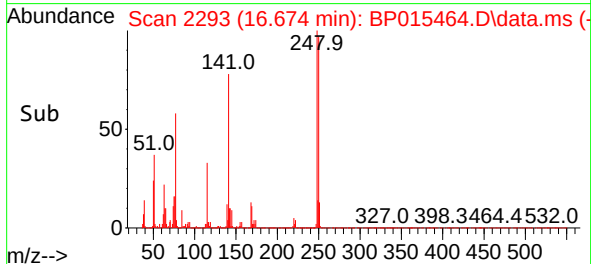
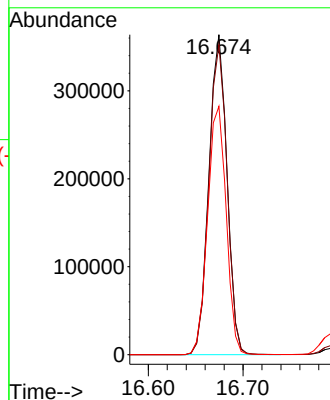
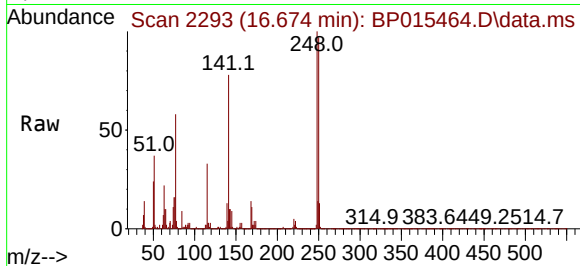




#68
4-Bromophenyl-phenylether
Concen: 42.584 ng/ul
RT: 16.674 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

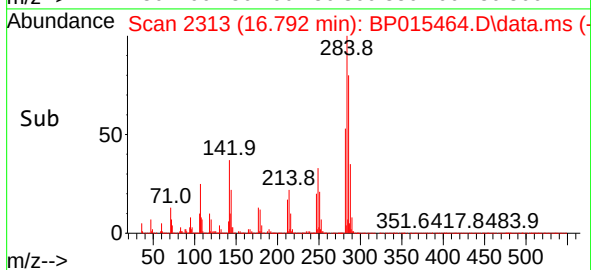
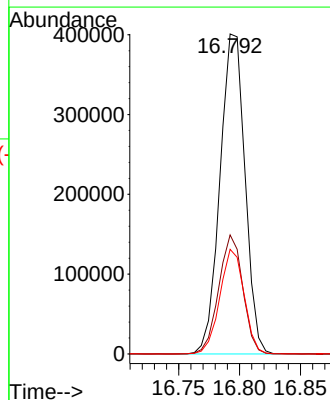
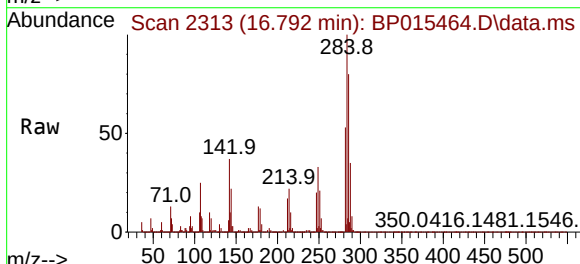
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

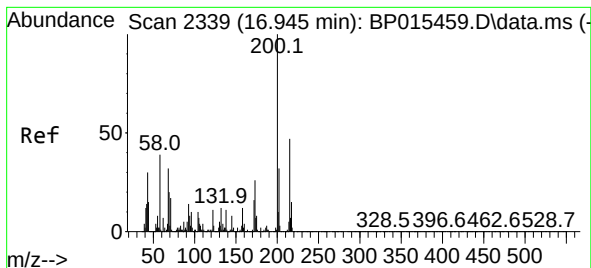
Tgt Ion:248 Resp: 483633
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 77.6 61.1 91.7



#69
Hexachlorobenzene
Concen: 42.792 ng/ul
RT: 16.792 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:284 Resp: 573281
Ion Ratio Lower Upper
284 100
142 37.2 25.4 38.2
249 32.7 24.8 37.2





#70

Atrazine

Concen: 20.126 ng/ul

RT: 16.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

BNA_P

ClientSampleId :

EZEN4MSD

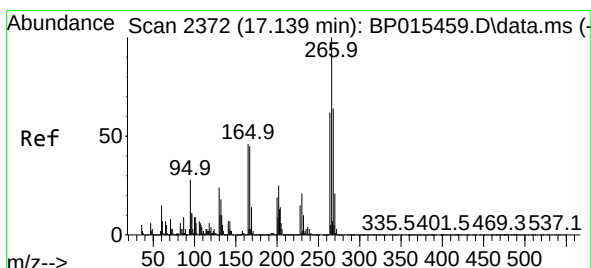
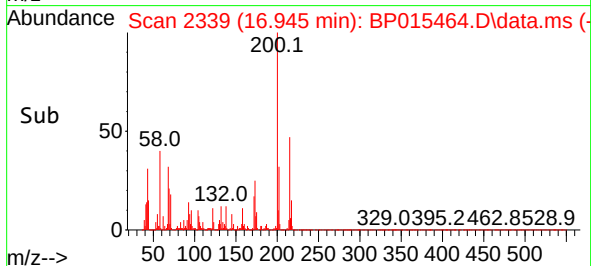
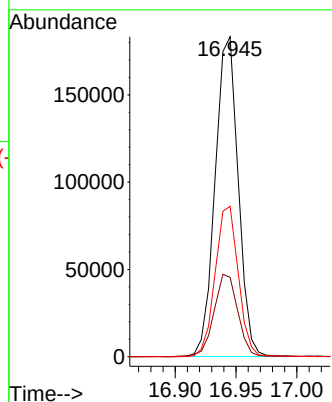
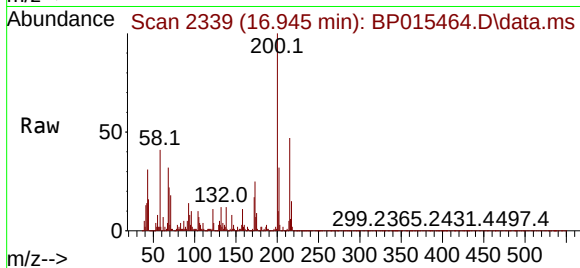
Tgt Ion:200 Resp: 242053

Ion Ratio Lower Upper

200 100

173 24.8 19.8 29.6

215 47.0 37.4 56.0



#71

Pentachlorophenol

Concen: 43.246 ng/ul

RT: 17.139 min Scan# 2372

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

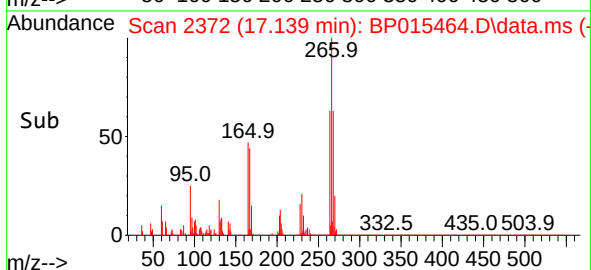
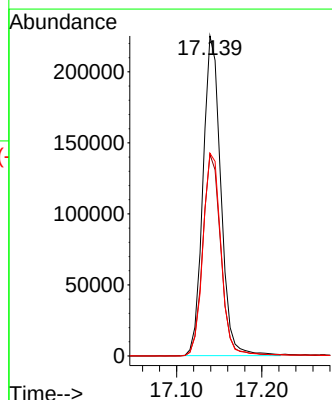
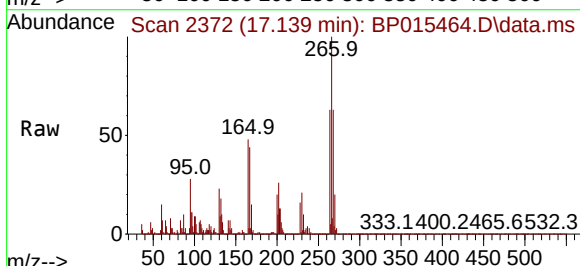
Tgt Ion:266 Resp: 327464

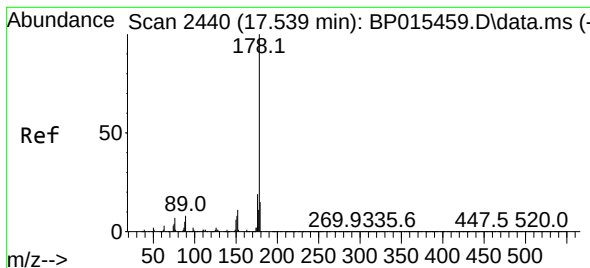
Ion Ratio Lower Upper

266 100

264 63.0 49.6 74.4

268 63.4 51.0 76.6





#72

Phenanthrene

Concen: 42.527 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

BNA_P

ClientSampleId :

EZEN4MSD

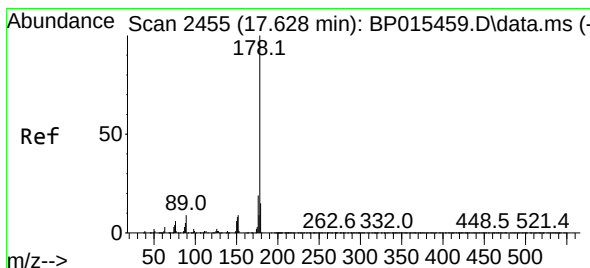
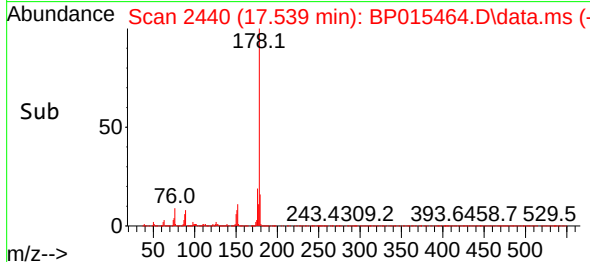
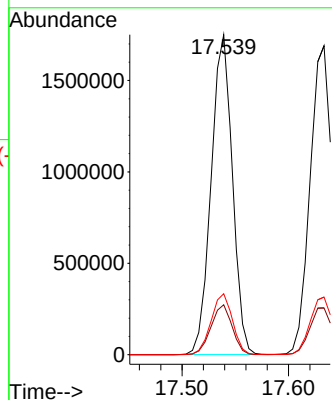
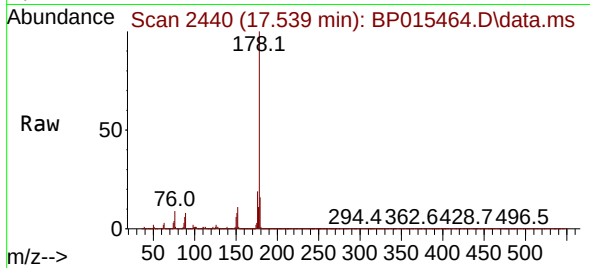
Tgt Ion:178 Resp: 2422710

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.1 15.4 23.0



#74

Anthracene

Concen: 41.797 ng/ul

RT: 17.633 min Scan# 2456

Delta R.T. 0.006 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

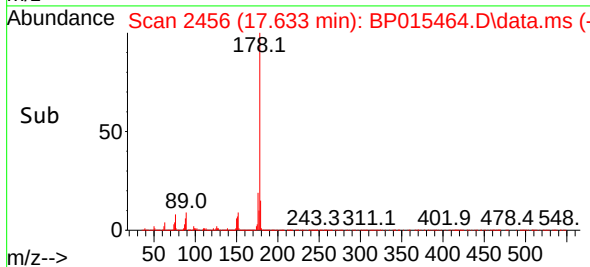
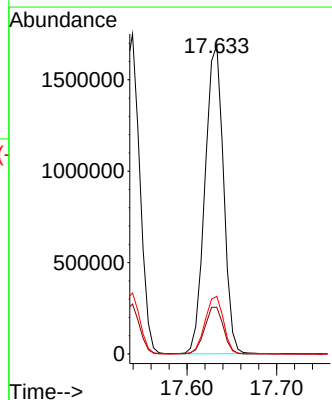
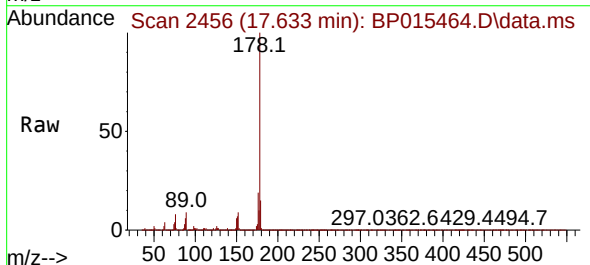
Tgt Ion:178 Resp: 2415972

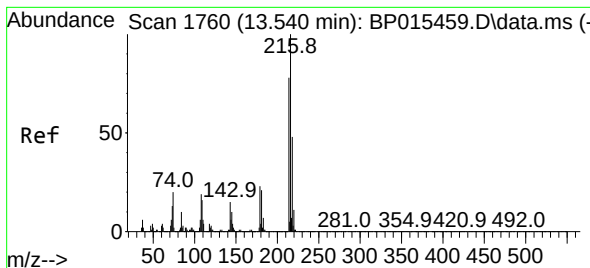
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 18.6 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.587 ng/uL

RT: 13.539 min Scan# 1760

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

BNA_P

ClientSampleId :

EZEN4MSD

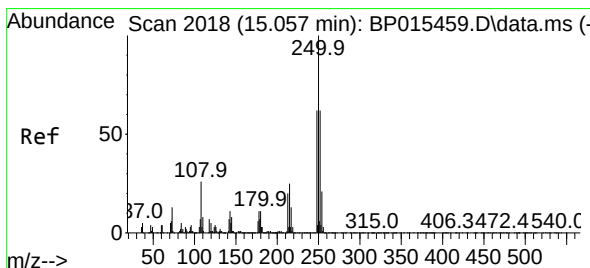
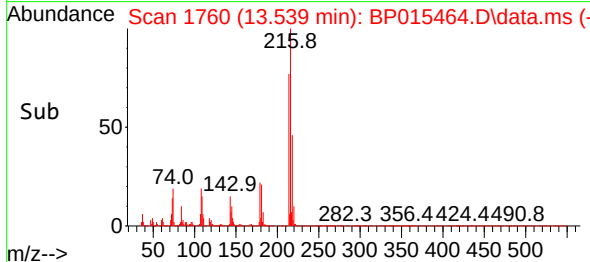
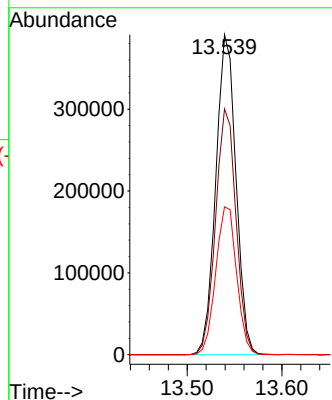
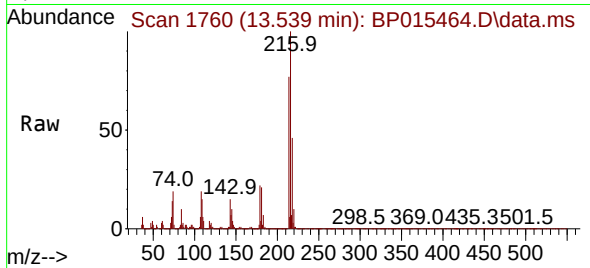
Tgt Ion:216 Resp: 580005

Ion Ratio Lower Upper

216 100

214 76.8 62.1 93.1

218 46.2 39.0 58.4



#76

Pentachlorobenzene

Concen: 39.515 ng/uL

RT: 15.057 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

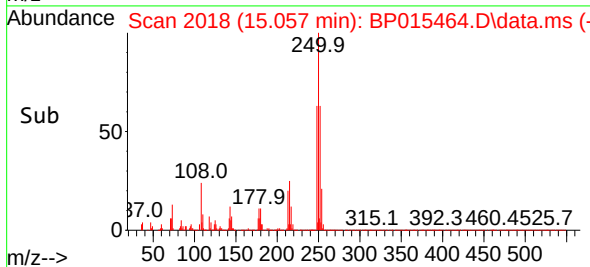
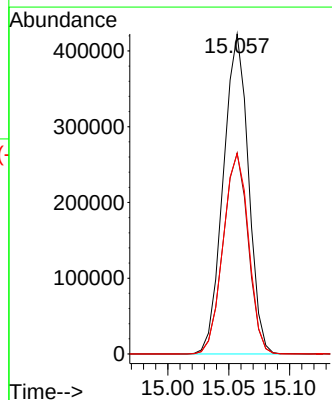
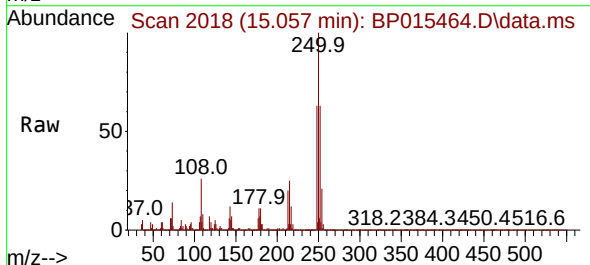
Tgt Ion:250 Resp: 606166

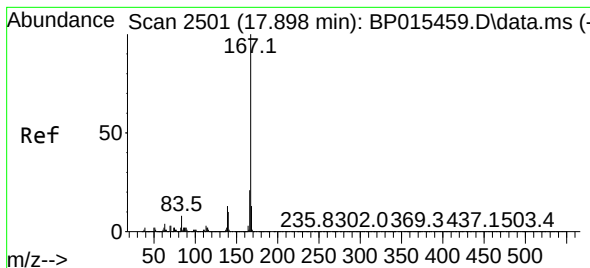
Ion Ratio Lower Upper

250 100

248 62.8 49.0 73.4

252 62.6 49.9 74.9





#77

Carbazole

Concen: 42.910 ng/ul

RT: 17.898 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

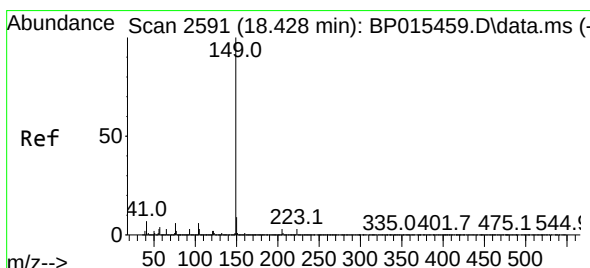
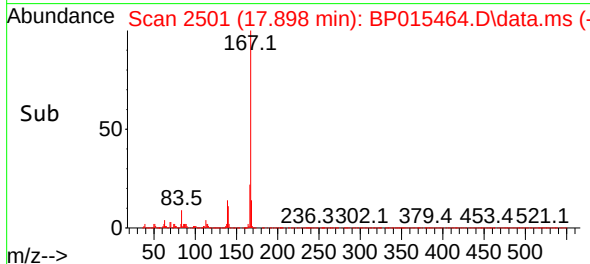
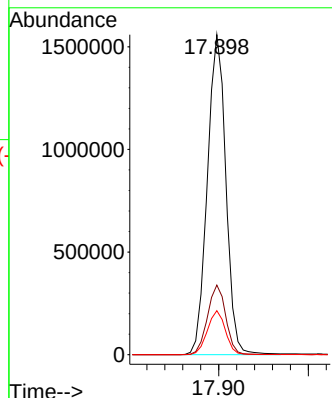
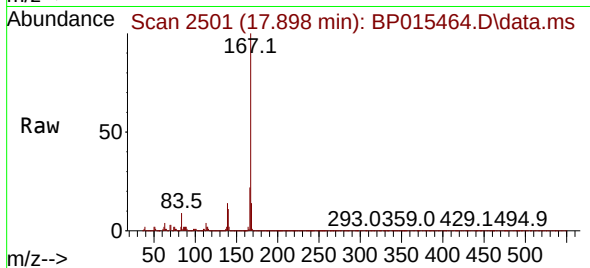
BNA_P

ClientSampleId :

EZEN4MSD

Tgt Ion:167 Resp: 2233328

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.7	10.6	16.0



#78

Di-n-butylphthalate

Concen: 45.452 ng/ul

RT: 18.427 min Scan# 2591

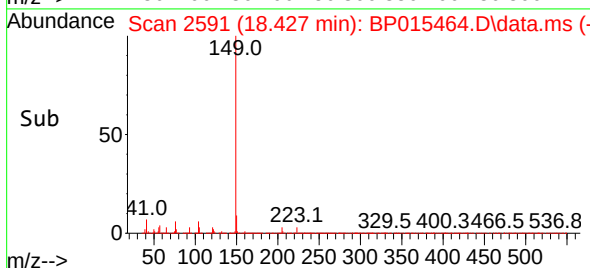
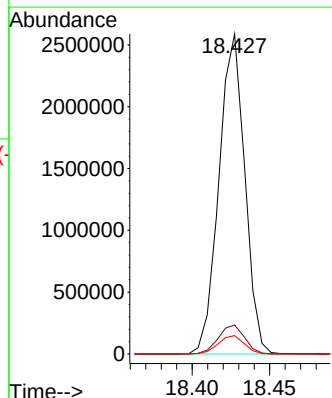
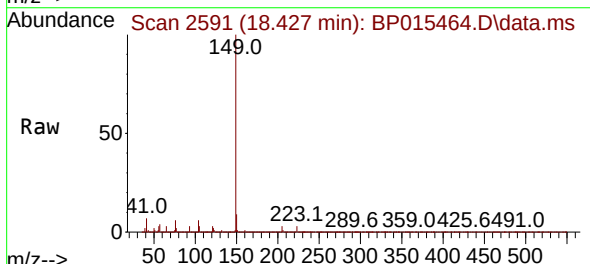
Delta R.T. -0.000 min

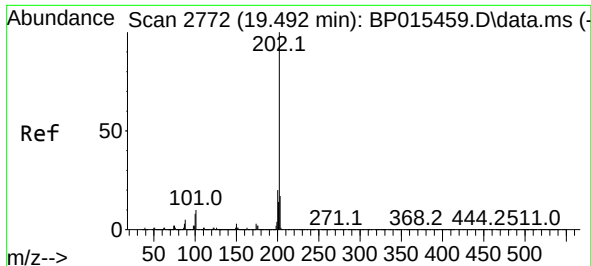
Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Tgt Ion:149 Resp: 3001451

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	5.7	4.5	6.7

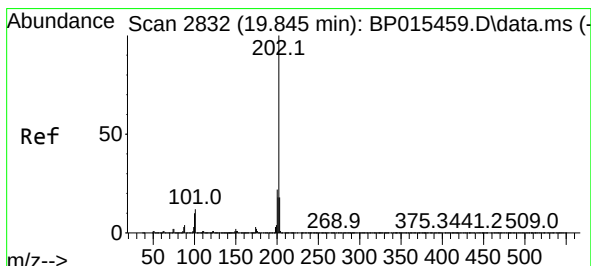
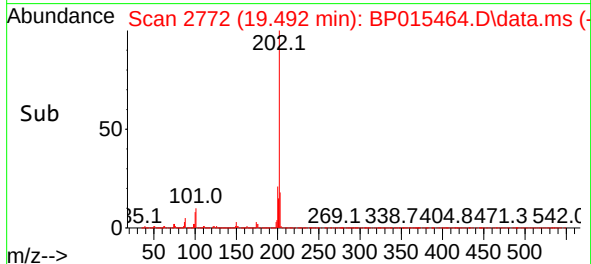
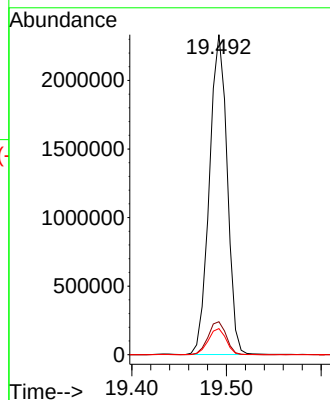
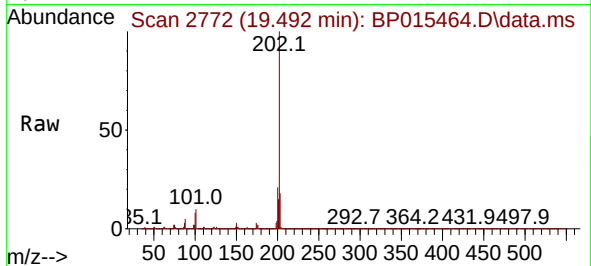




#80
Fluoranthene
Concen: 45.691 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

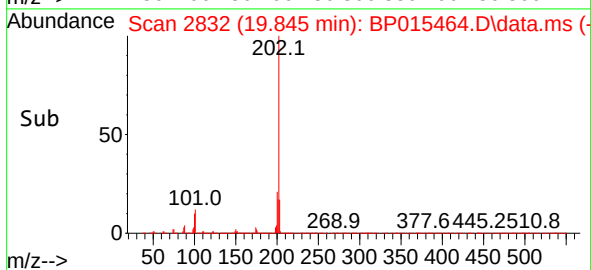
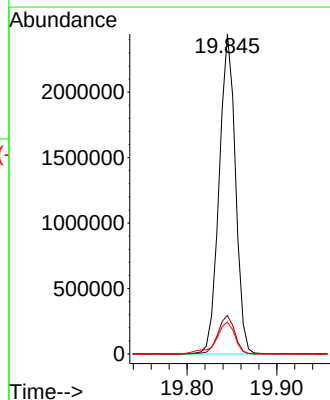
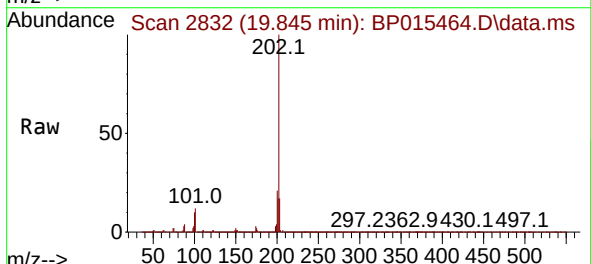
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

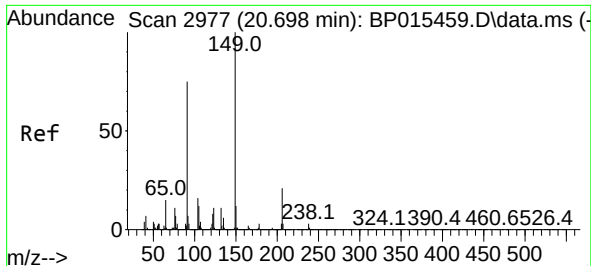
Tgt Ion:202 Resp: 3032630
Ion Ratio Lower Upper
202 100
101 10.3 8.6 13.0
100 8.1 6.6 9.8



#82
Pyrene
Concen: 44.856 ng/ul
RT: 19.845 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:202 Resp: 3080153
Ion Ratio Lower Upper
202 100
101 12.0 9.9 14.9
100 10.0 8.4 12.6



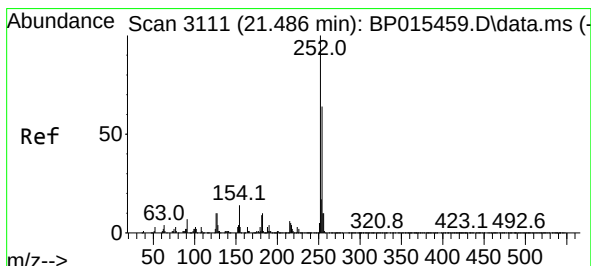
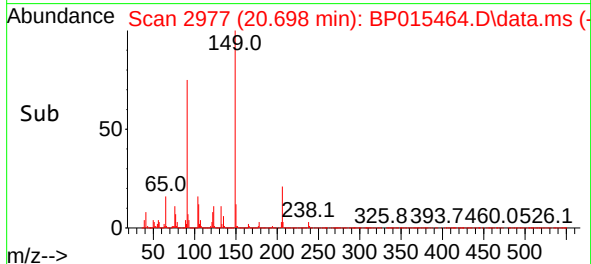
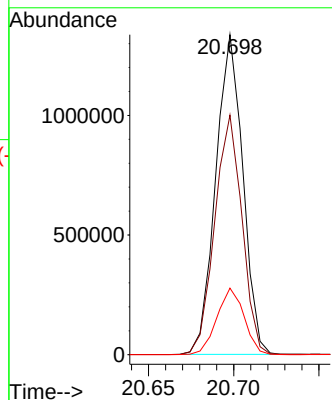
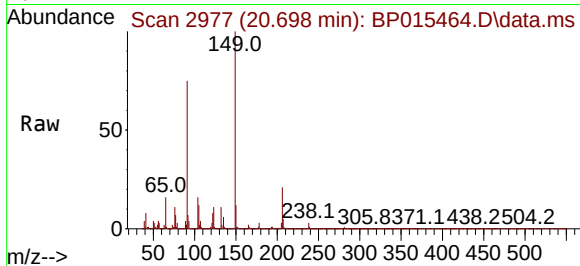


#83
 Butylbenzylphthalate
 Concen: 48.746 ng/ul
 RT: 20.698 min Scan# 2977
 Delta R.T. -0.000 min
 Lab File: BP015464.D
 Acq: 09 Jun 2023 23:03

Instrument :
 BNA_P
 ClientSampleId :
 EZEN4MSD

Tgt Ion:149 Resp: 1479451

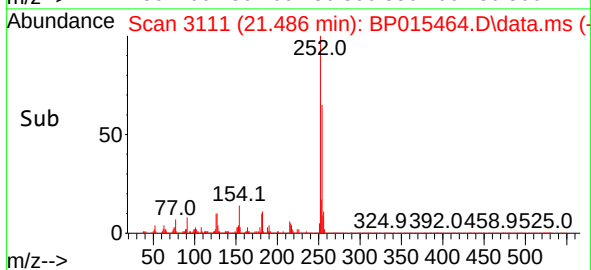
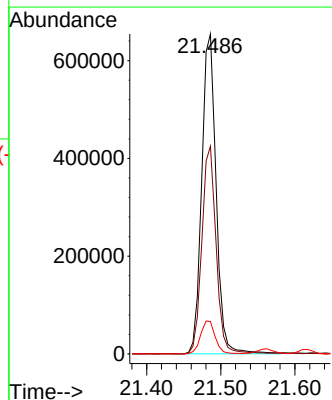
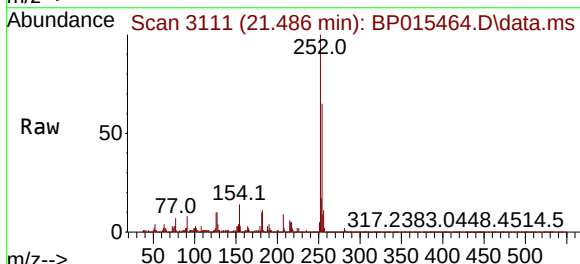
Ion	Ratio	Lower	Upper
149	100		
91	74.9	60.4	90.6
206	20.8	16.4	24.6

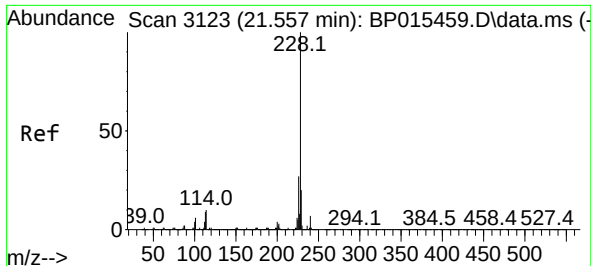


#84
 3,3'-Dichlorobenzidine
 Concen: 36.641 ng/ul
 RT: 21.486 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BP015464.D
 Acq: 09 Jun 2023 23:03

Tgt Ion:252 Resp: 881286

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.6	77.4
126	10.2	8.5	12.7

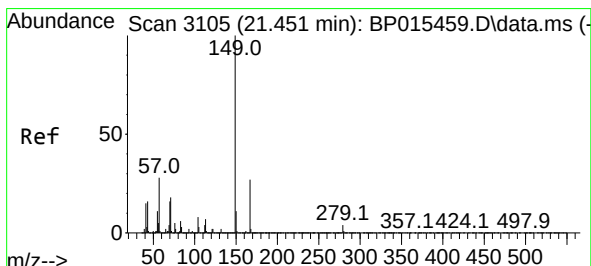
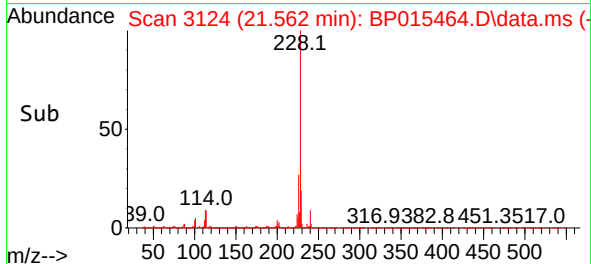
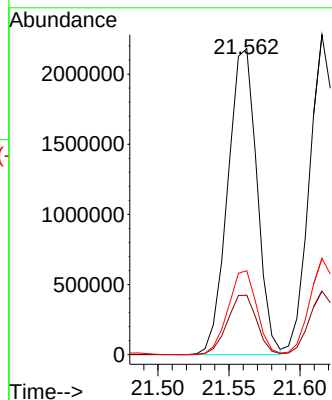
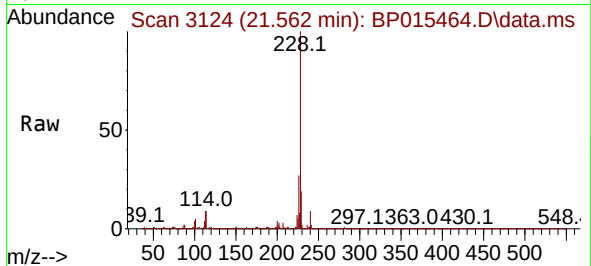




#85
Benzo(a)anthracene
Concen: 43.817 ng/ul
RT: 21.562 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

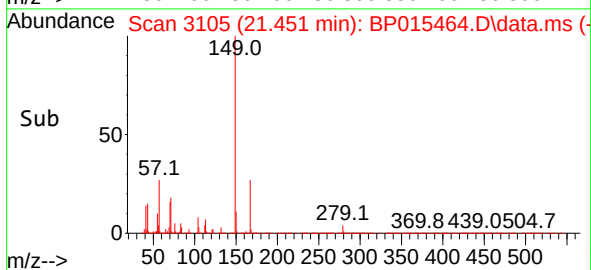
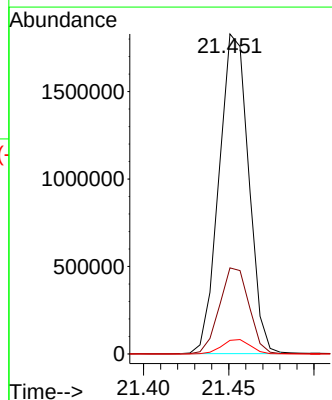
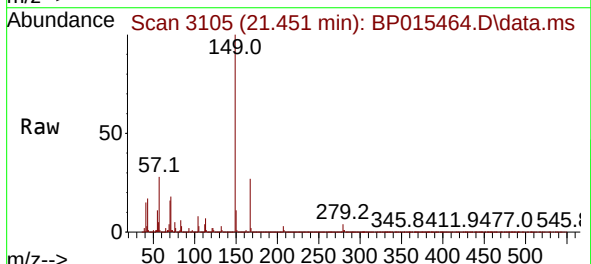
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

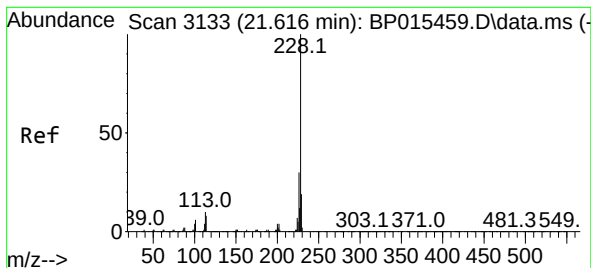
Tgt Ion:228 Resp: 3118500
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 27.5 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 49.273 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:149 Resp: 2210434
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.2 3.7 5.5





#87

Chrysene

Concen: 43.370 ng/ul

RT: 21.615 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

BNA_P

ClientSampleId :

EZEN4MSD

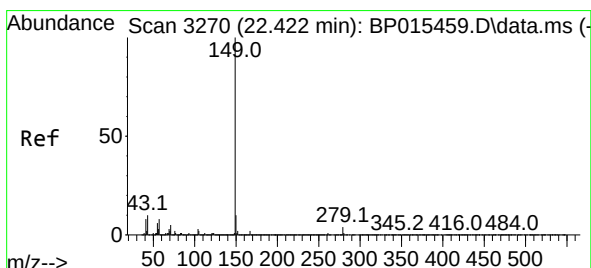
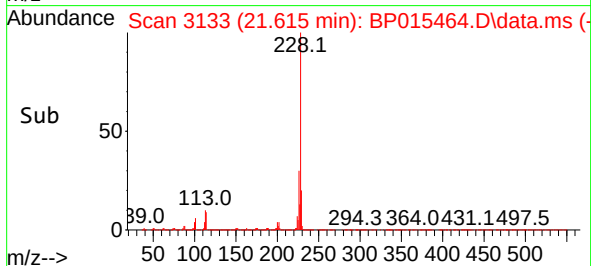
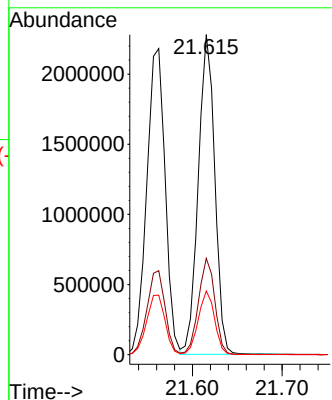
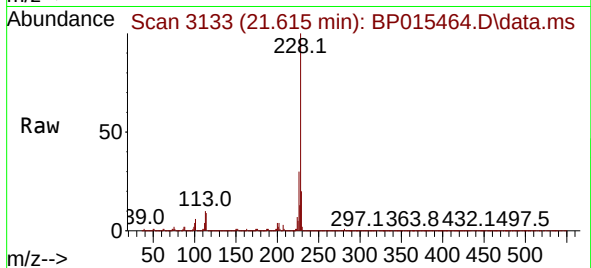
Tgt Ion:228 Resp: 2917624

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.9 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 51.558 ng/ul

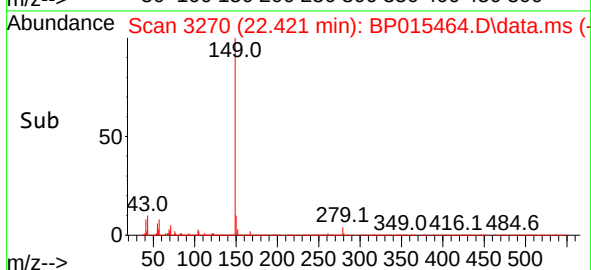
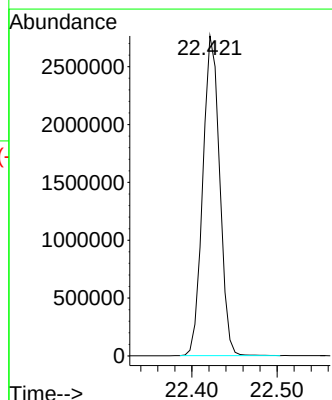
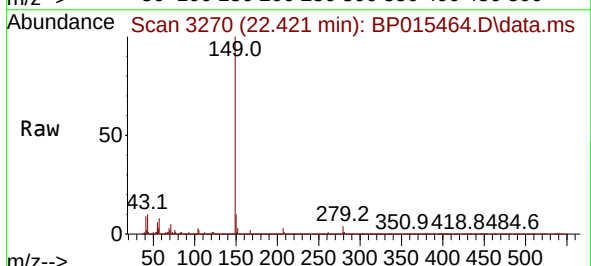
RT: 22.421 min Scan# 3270

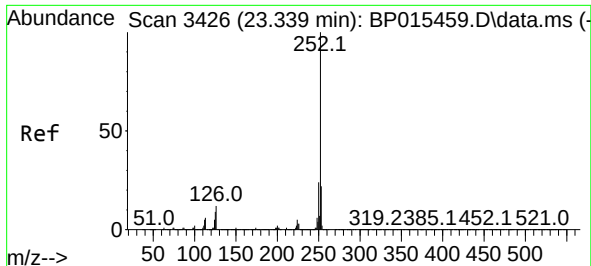
Delta R.T. -0.000 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Tgt Ion:149 Resp: 3804730

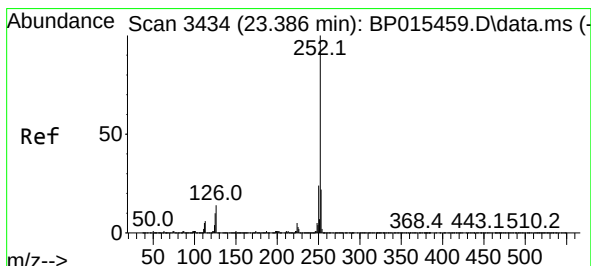
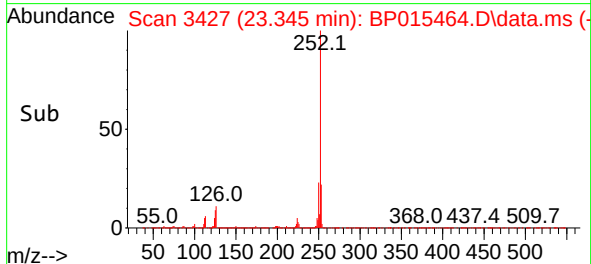
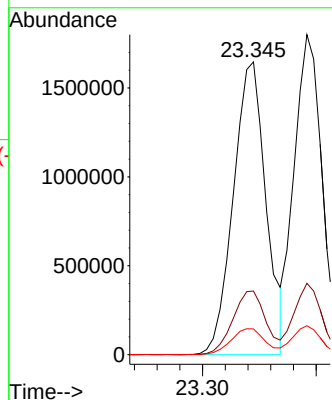
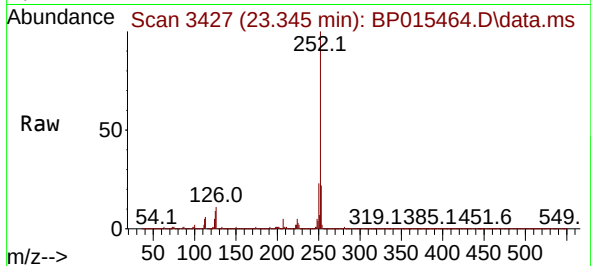




#90
Benzo(b)fluoranthene
Concen: 45.233 ng/ul
RT: 23.345 min Scan# 3426
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

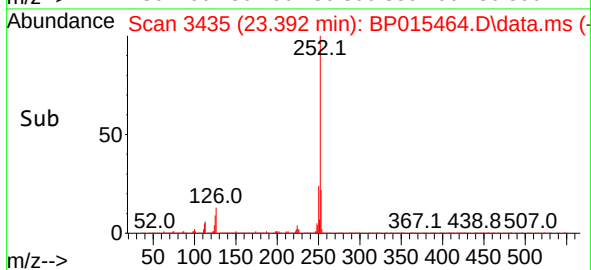
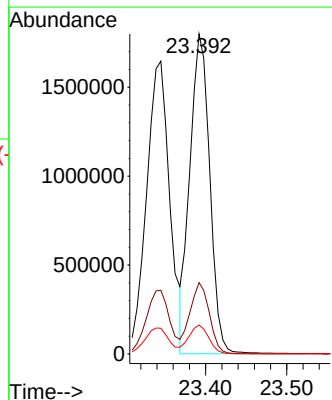
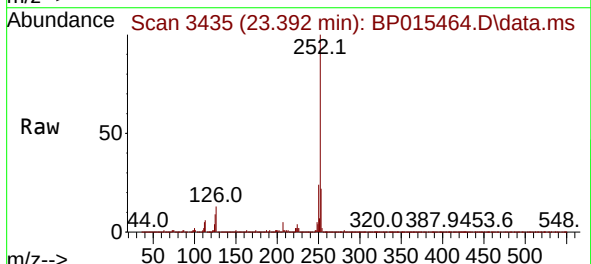
Instrument :
BNA_P
ClientSampleId :
EZEN4MSD

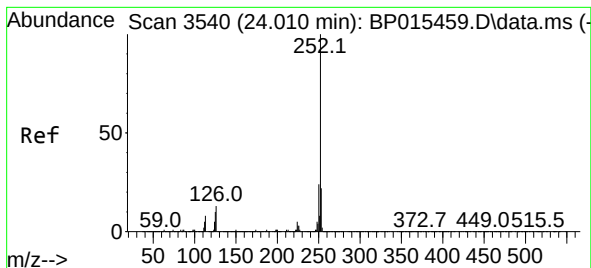
Tgt Ion:252 Resp: 3278422
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.8 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 43.818 ng/ul
RT: 23.392 min Scan# 3435
Delta R.T. 0.006 min
Lab File: BP015464.D
Acq: 09 Jun 2023 23:03

Tgt Ion:252 Resp: 3069987
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 43.326 ng/ul

RT: 24.021 min Scan# 3

Delta R.T. 0.011 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

BNA_P

ClientSampleId :

EZEN4MSD

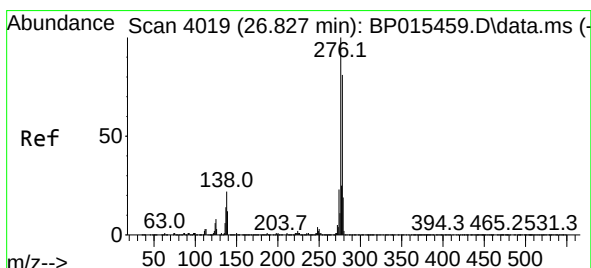
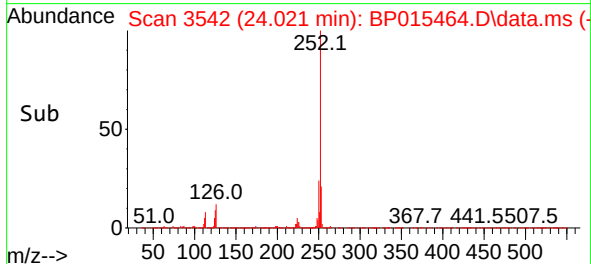
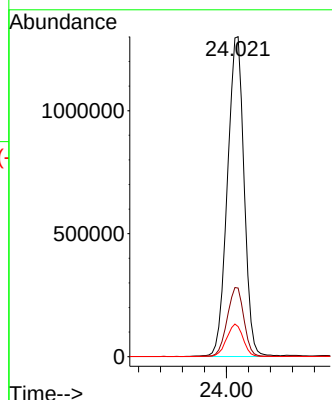
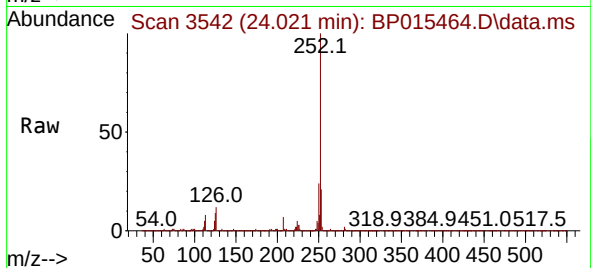
Tgt Ion:252 Resp: 2737802

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 9.4 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 40.463 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. 0.006 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

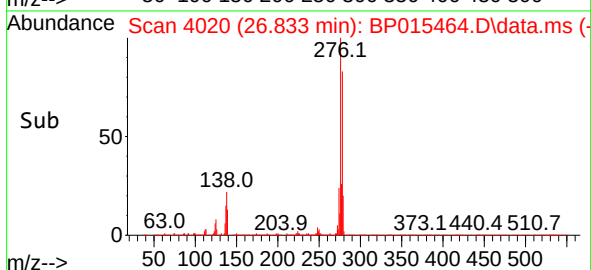
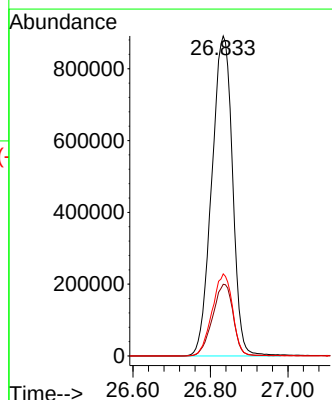
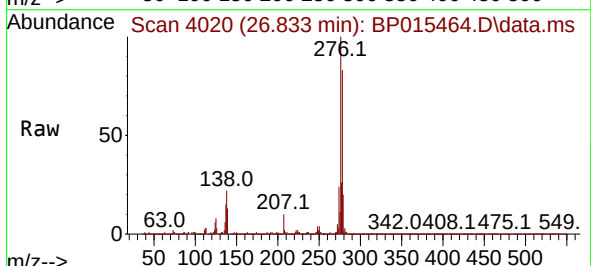
Tgt Ion:276 Resp: 3309077

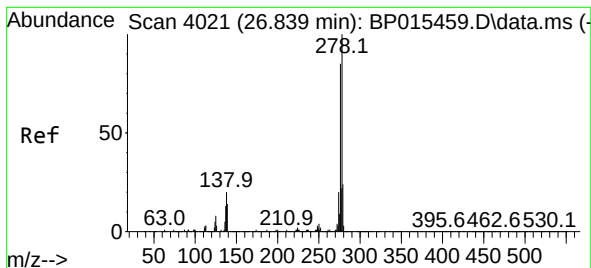
Ion Ratio Lower Upper

276 100

138 22.4 17.3 25.9

277 25.6 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 41.201 ng/ul

RT: 26.845 min Scan# 4021

Delta R.T. 0.006 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Instrument :

BNA_P

ClientSampleId :

EZEN4MSD

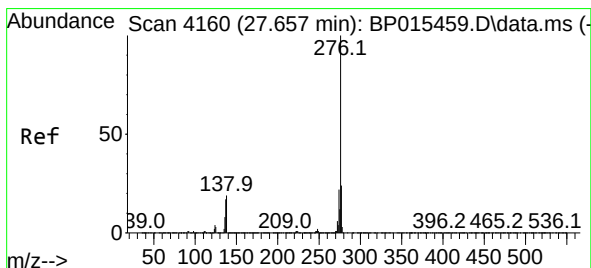
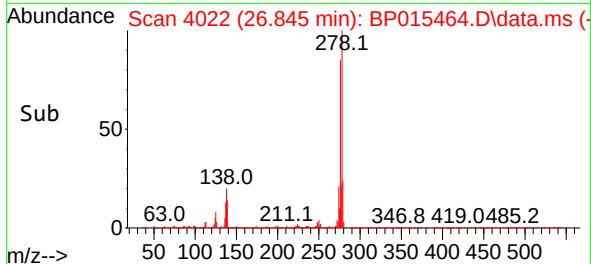
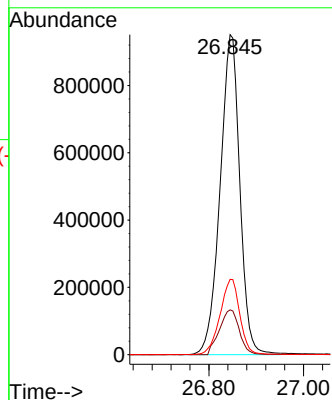
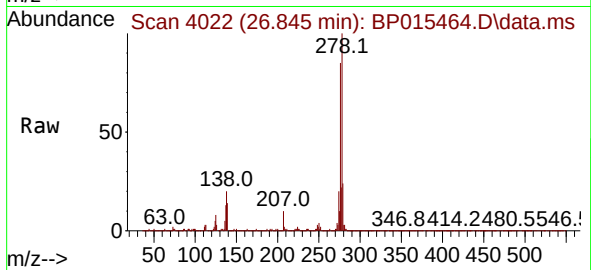
Tgt Ion:278 Resp: 2745069

Ion Ratio Lower Upper

278 100

139 14.0 11.4 17.0

279 23.6 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 39.241 ng/ul

RT: 27.662 min Scan# 4161

Delta R.T. 0.006 min

Lab File: BP015464.D

Acq: 09 Jun 2023 23:03

Tgt Ion:276 Resp: 2644680

Ion Ratio Lower Upper

276 100

138 18.7 15.6 23.4

277 23.1 19.0 28.6

