

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
 Data File : BP019558.D
 Acq On : 05 Feb 2024 13:14
 Operator : MA/JU
 Sample : 04699-01
 Misc : MDL-SOIL-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 05 13:47:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	75099	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	302087	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	194020	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	375864	20.000	ng	0.00
76) Chrysene-d12	21.392	240	321956	20.000	ng	0.00
86) Perylene-d12	23.816	264	408984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	457060	98.103	ng	-0.01
7) Phenol-d6	7.069	99	614950	97.891	ng	-0.02
23) Nitrobenzene-d5	9.075	82	470813	67.534	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	254162	89.720	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1064643	67.835	ng	-0.01
79) Terphenyl-d14	19.869	244	1297971	66.300	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	15098	8.411	ng	97
3) Pyridine	3.781	79	32806	6.741	ng	95
4) n-Nitrosodimethylamine	3.705	42	15083	7.119	ng	91
6) Aniline	7.234	93	52825	8.654	ng	98
8) 2-Chlorophenol	7.463	128	34458	7.204	ng	94
9) Benzaldehyde	7.052	77	36272	8.235	ng	97
10) Phenol	7.099	94	44114	7.046	ng	95
11) bis(2-Chloroethyl)ether	7.340	93	35877	7.365	ng	100
12) 1,3-Dichlorobenzene	7.793	146	41430	7.079	ng	99
13) 1,4-Dichlorobenzene	7.940	146	42224	7.121	ng	98
14) 1,2-Dichlorobenzene	8.252	146	40828	7.116	ng	99
15) Benzyl Alcohol	8.152	79	34911	6.955	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	36327	7.458	ng	98
17) 2-Methylphenol	8.346	107	30350	7.200	ng	97
18) Hexachloroethane	8.975	117	15442	6.718	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	31103	7.249	ng	97
20) 3+4-Methylphenols	8.681	107	41101	7.145	ng	96
22) Acetophenone	8.734	105	61333	7.127	ng	# 97
24) Nitrobenzene	9.116	77	48481	6.907	ng	100
25) Isophorone	9.640	82	82247	6.774	ng	98
26) 2-Nitrophenol	9.822	139	15941	5.956	ng	89
27) 2,4-Dimethylphenol	9.881	122	26970	7.881	ng	94
28) bis(2-Chloroethoxy)met...	10.134	93	48196	7.016	ng	99
29) 2,4-Dichlorophenol	10.352	162	33043	6.387	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	41579	6.555	ng	95
31) Naphthalene	10.757	128	111612	6.737	ng	99
32) Benzoic acid	9.952	122	14766	4.428	ng	89
33) 4-Chloroaniline	10.875	127	45053	7.353	ng	98
34) Hexachlorobutadiene	11.034	225	30028	6.388	ng	98
35) Caprolactam	11.646	113	8247	5.631	ng	93
36) 4-Chloro-3-methylphenol	11.993	107	35471	6.288	ng	96
37) 2-Methylnaphthalene	12.369	142	77725	6.779	ng	99
38) 1-Methylnaphthalene	12.587	142	75167	6.671	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	52241	6.982	ng	99
41) Hexachlorocyclopentadiene	12.704	237	28333	8.382	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	27458	6.060	ng	95

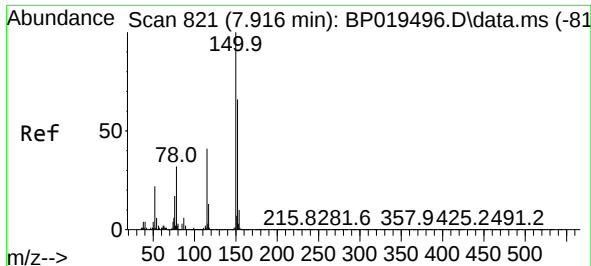
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
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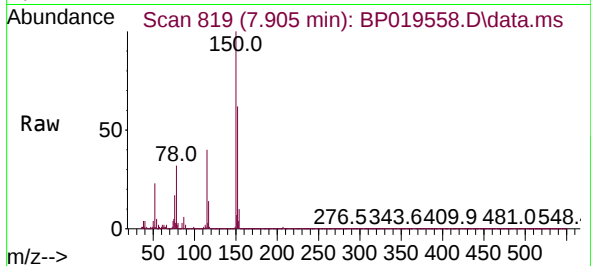
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	29642	5.958	ng	95
46) 1,1'-Biphenyl	13.381	154	109833	7.093	ng	98
47) 2-Chloronaphthalene	13.416	162	85708	6.742	ng	100
48) 2-Nitroaniline	13.628	65	20431	5.748	ng	97
49) Acenaphthylene	14.263	152	130376	7.311	ng	98
50) Dimethylphthalate	14.010	163	99908	6.727	ng	98
51) 2,6-Dinitrotoluene	14.134	165	20153	6.176	ng	96
52) Acenaphthene	14.604	154	75911	6.858	ng	98
53) 3-Nitroaniline	14.457	138	17452	5.819	ng	97
54) 2,4-Dinitrophenol	14.663	184	7918	4.673	ng	96
55) Dibenzofuran	14.945	168	126265	7.004	ng	97
56) 4-Nitrophenol	14.757	139	12467	5.072	ng	91
57) 2,4-Dinitrotoluene	14.916	165	23075	5.396	ng	97
58) Fluorene	15.592	166	94312	6.568	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.087	232	25097	5.997	ng	93
60) Diethylphthalate	15.381	149	90895	6.153	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	53939	6.684	ng	97
62) 4-Nitroaniline	15.622	138	17080	5.434	ng	95
63) Azobenzene	15.892	77	90355	6.325	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	10945	5.107	ng	97
66) n-Nitrosodiphenylamine	15.810	169	80075	7.114	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	31347	6.671	ng	95
68) Hexachlorobenzene	16.592	284	37470	6.829	ng	95
69) Atrazine	16.775	200	27234	7.291	ng	94
70) Pentachlorophenol	16.939	266	17088	5.001	ng	96
71) Phenanthrene	17.345	178	139485	7.052	ng	99
72) Anthracene	17.434	178	135696	6.877	ng	99
73) Carbazole	17.710	167	110862	6.185	ng	99
74) Di-n-butylphthalate	18.275	149	117542	5.423	ng	99
75) Fluoranthene	19.310	202	146147	6.048	ng	97
77) Benzidine	19.504	184	67205	9.984	ng	98
78) Pyrene	19.663	202	152580	6.715	ng	98
80) Butylbenzylphthalate	20.557	149	43508	5.127	ng	100
81) Benzo(a)anthracene	21.380	228	152579	6.732	ng	99
82) 3,3'-Dichlorobenzidine	21.322	252	55851	6.763	ng	94
83) Chrysene	21.433	228	144875	6.733	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	64928	5.025	ng	99
85) Di-n-octyl phthalate	22.274	149	113228	4.981	ng	100
87) Indeno(1,2,3-cd)pyrene	26.339	276	216580	6.918	ng	99
88) Benzo(b)fluoranthene	23.127	252	154828	6.007	ng	100
89) Benzo(k)fluoranthene	23.127	252	154828	6.288	ng	99
90) Benzo(a)pyrene	23.710	252	148412	6.471	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	180189	6.998	ng	98
92) Benzo(g,h,i)perylene	27.115	276	175432	6.716	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

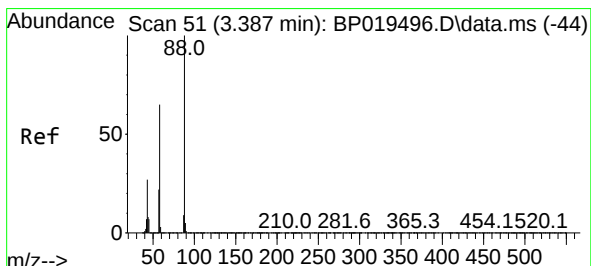
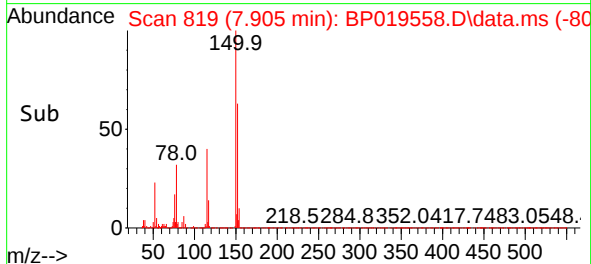
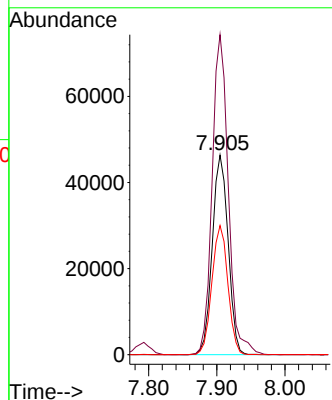


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Instrument :
BNA_P
ClientSampleId :

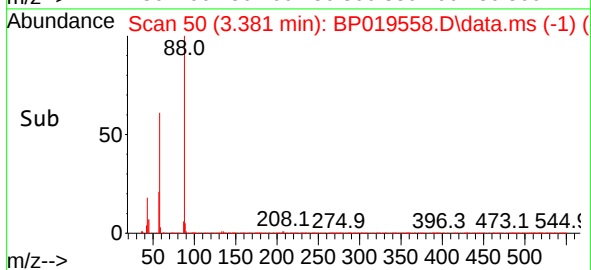
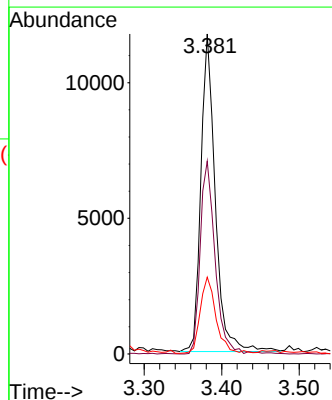
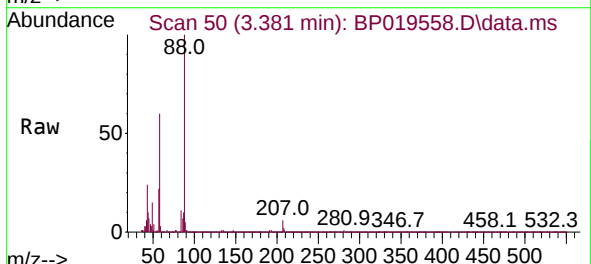


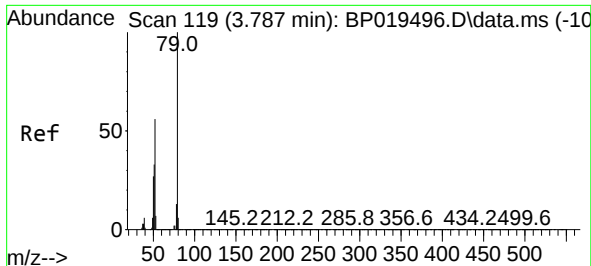
Tgt Ion:152 Resp: 75099
Ion Ratio Lower Upper
152 100
150 160.4 121.8 182.8
115 64.7 49.9 74.9



#2
1,4-Dioxane
Concen: 8.411 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion: 88 Resp: 15098
Ion Ratio Lower Upper
88 100
58 63.0 52.6 78.8
43 26.0 21.9 32.9





#3

Pyridine

Concen: 6.741 ng

RT: 3.781 min Scan# 119

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

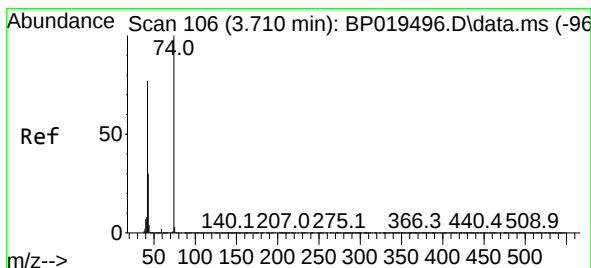
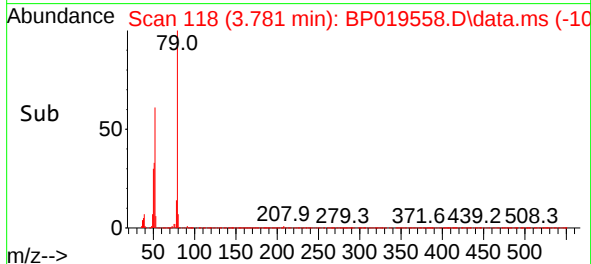
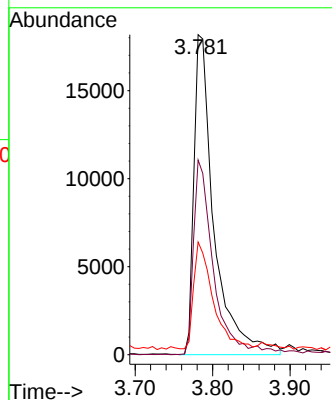
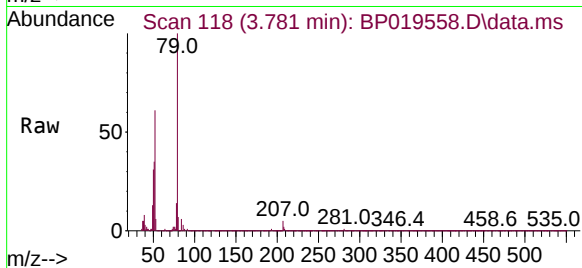
Tgt Ion: 79 Resp: 32806

Ion Ratio Lower Upper

79 100

52 60.8 45.0 67.6

51 35.2 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 7.119 ng

RT: 3.705 min Scan# 105

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

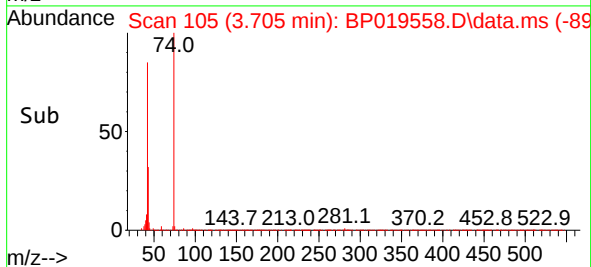
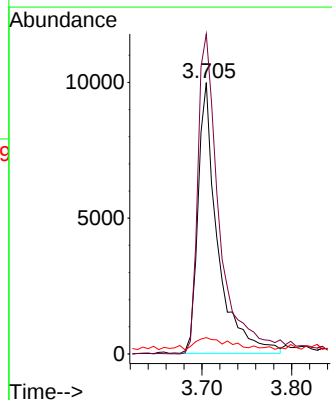
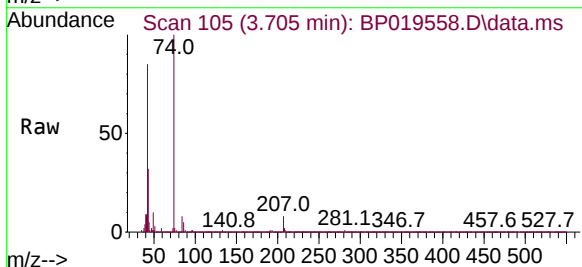
Tgt Ion: 42 Resp: 15083

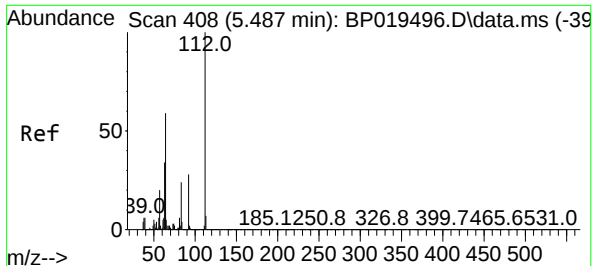
Ion Ratio Lower Upper

42 100

74 117.9 103.4 155.2

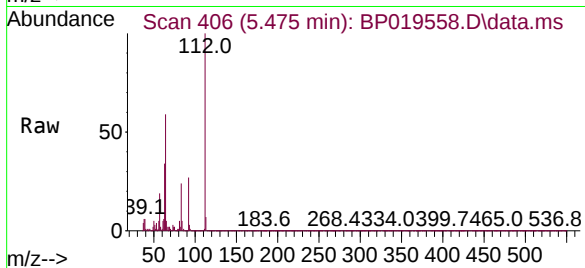
44 6.0 4.8 7.2



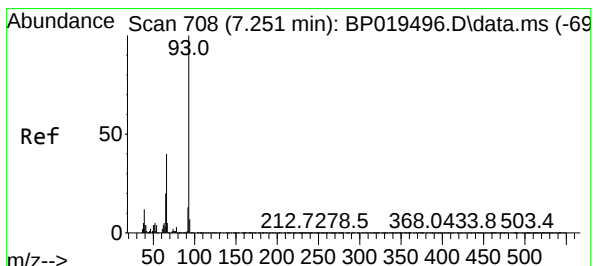
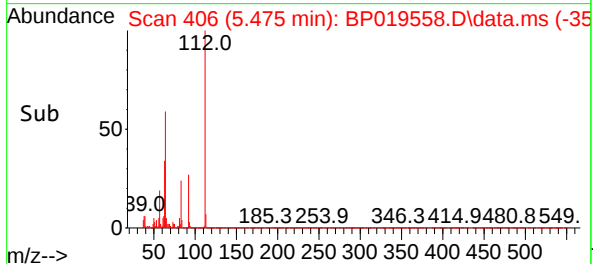
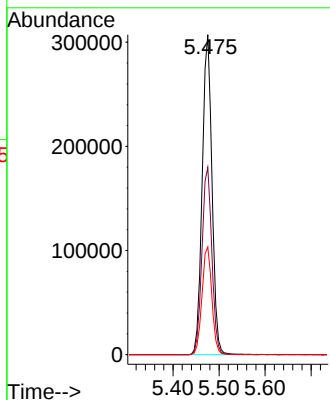


#5
2-Fluorophenol
Concen: 98.103 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Instrument :
BNA_P
ClientSampleId :

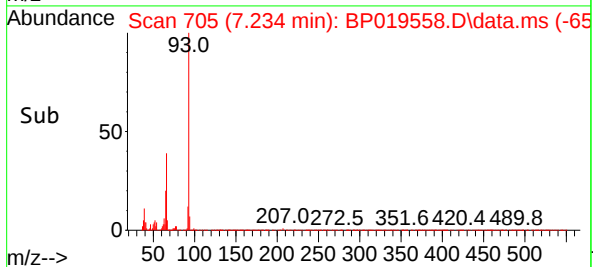
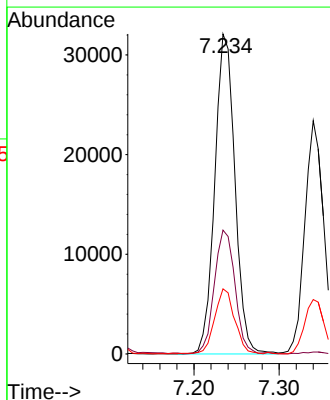
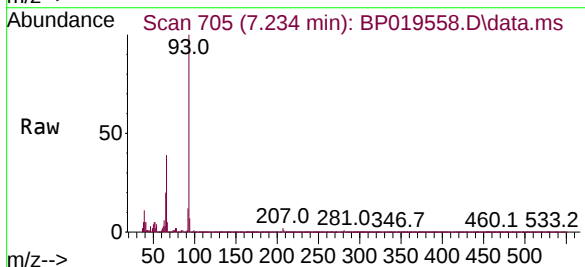


Tgt Ion:112 Resp: 457060
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 33.6 27.0 40.6



#6
Aniline
Concen: 8.654 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

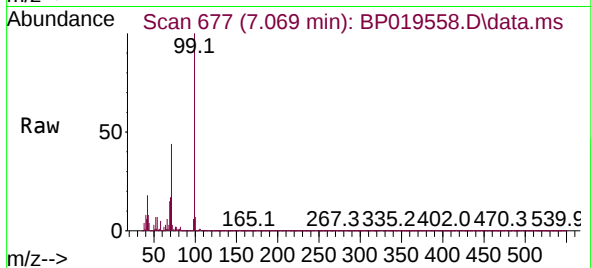
Tgt Ion: 93 Resp: 52825
Ion Ratio Lower Upper
93 100
66 38.7 32.3 48.5
65 20.4 16.4 24.6



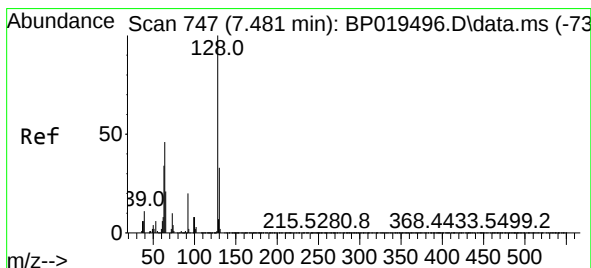
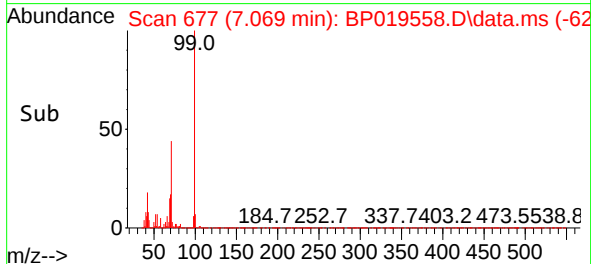
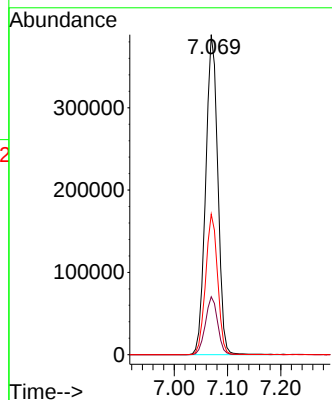


#7
Phenol-d6
Concen: 97.891 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Instrument :
BNA_P
ClientSampleId :

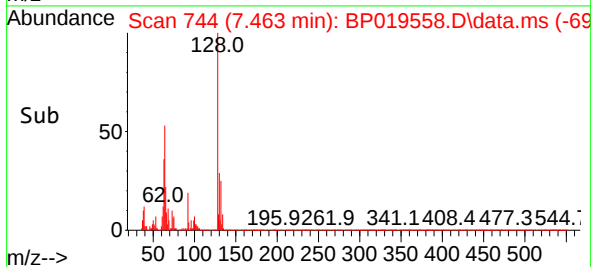
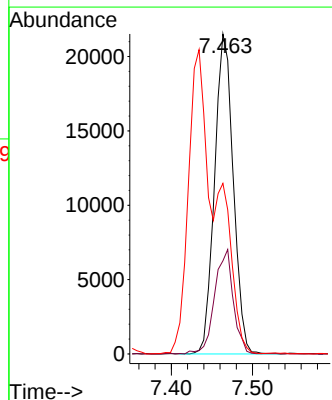
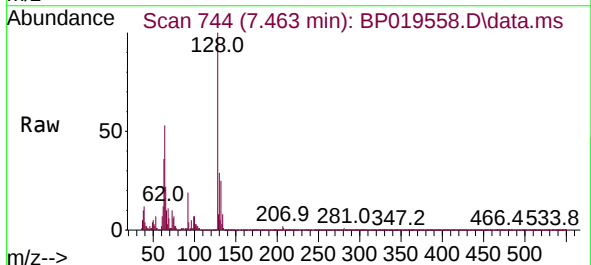


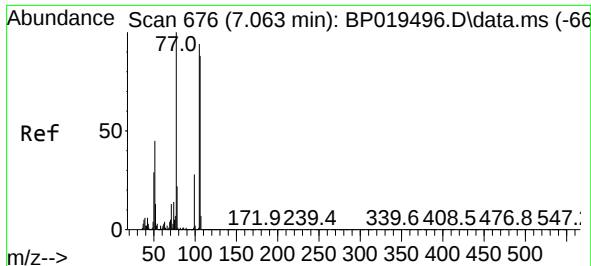
Tgt Ion: 99 Resp: 614950
Ion Ratio Lower Upper
99 100
42 18.1 14.7 22.1
71 43.9 34.8 52.2



#8
2-Chlorophenol
Concen: 7.204 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.017 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion: 128 Resp: 34458
Ion Ratio Lower Upper
128 100
130 29.1 13.3 53.3
64 53.3 29.7 69.7

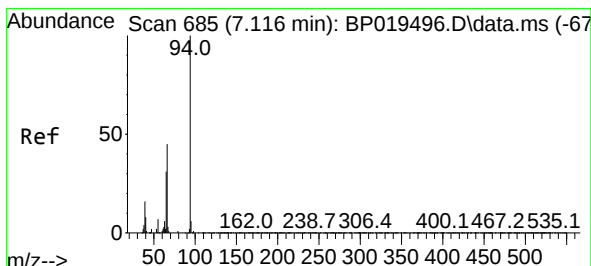
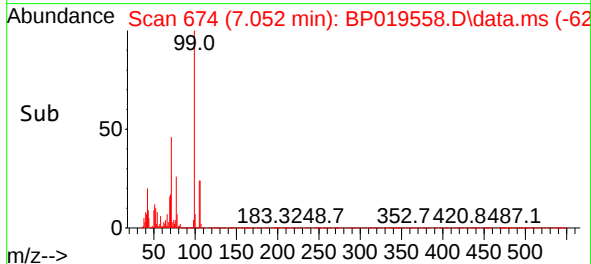
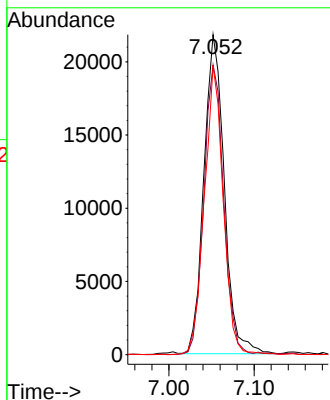
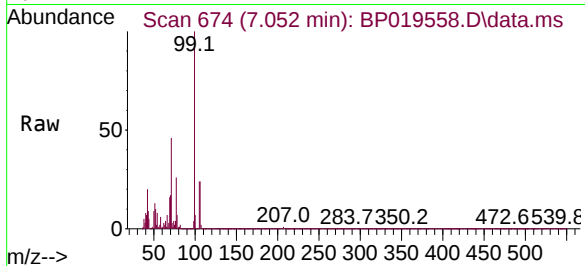




#9
Benzaldehyde
Concen: 8.235 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

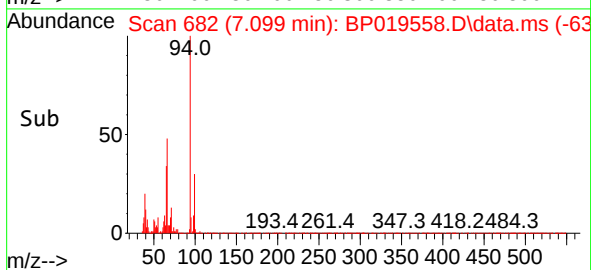
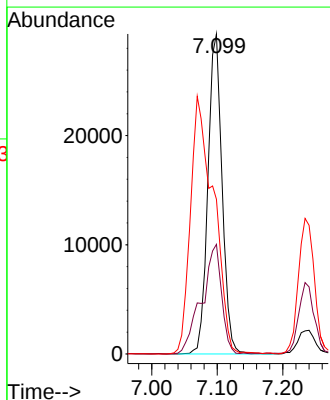
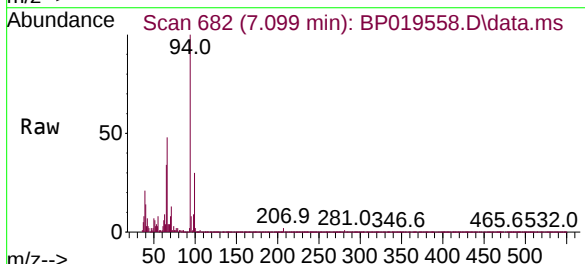
Instrument :
BNA_P
ClientSampleId :

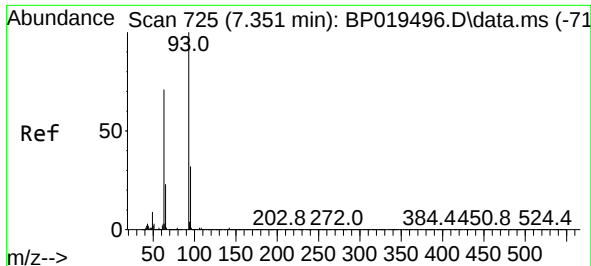
Tgt Ion: 77 Resp: 36272
Ion Ratio Lower Upper
77 100
105 90.6 74.0 114.0
106 90.4 67.8 107.8



#10
Phenol
Concen: 7.046 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.017 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion: 94 Resp: 44114
Ion Ratio Lower Upper
94 100
65 34.2 11.3 51.3
66 48.3 25.1 65.1

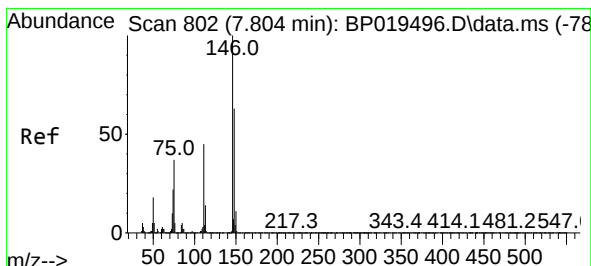
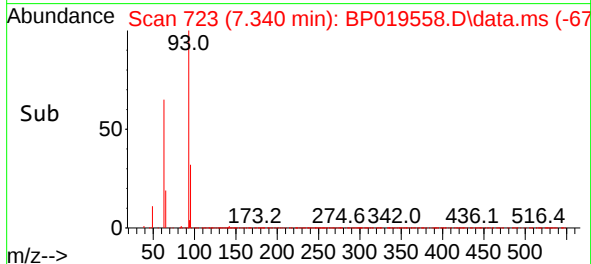
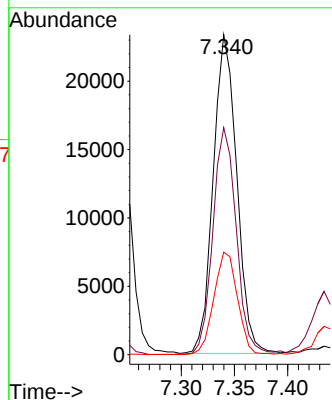
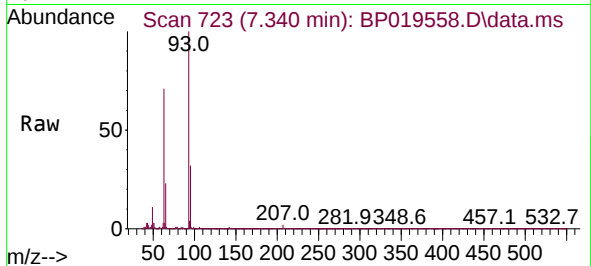




#11
bis(2-Chloroethyl)ether
Concen: 7.365 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

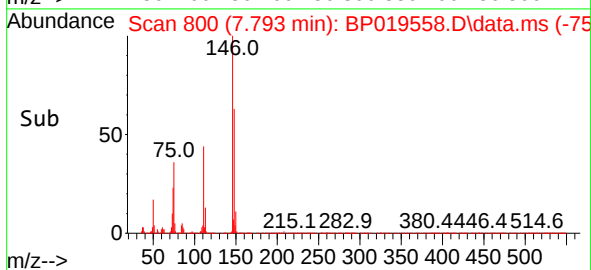
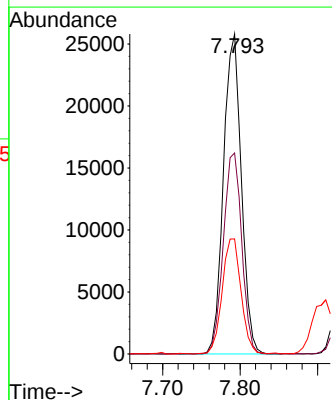
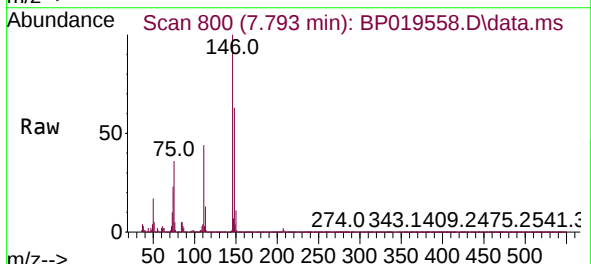
Instrument :
BNA_P
ClientSampleId :

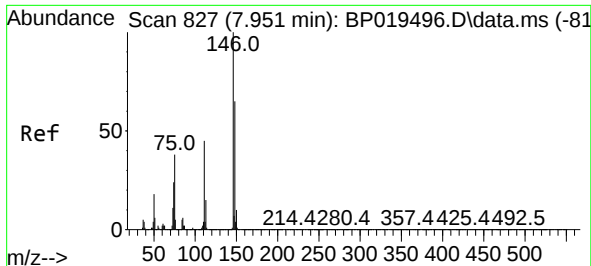
Tgt Ion: 93 Resp: 35877
Ion Ratio Lower Upper
93 100
63 71.0 51.2 91.2
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 7.079 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion: 146 Resp: 41430
Ion Ratio Lower Upper
146 100
148 62.8 50.4 75.6
75 36.0 29.9 44.9

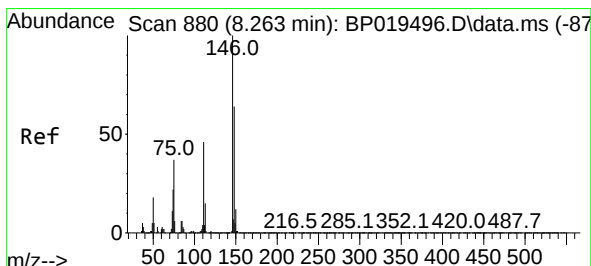
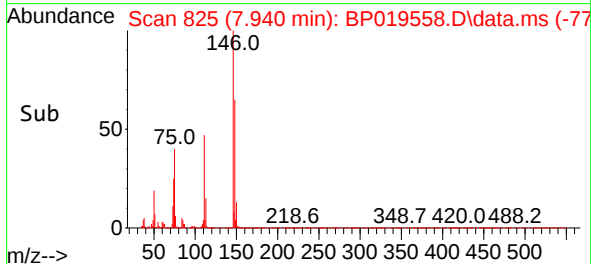
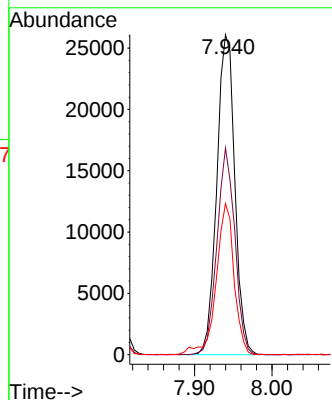
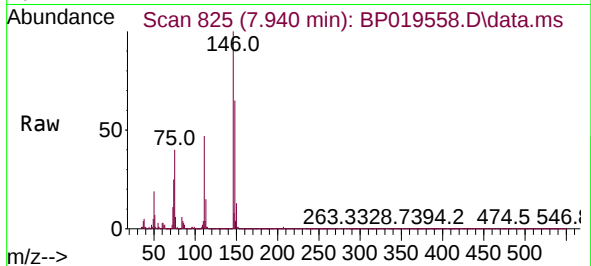




#13
1,4-Dichlorobenzene
Concen: 7.121 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

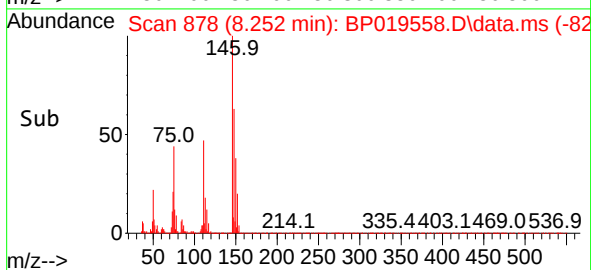
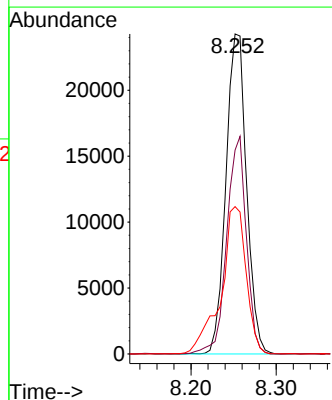
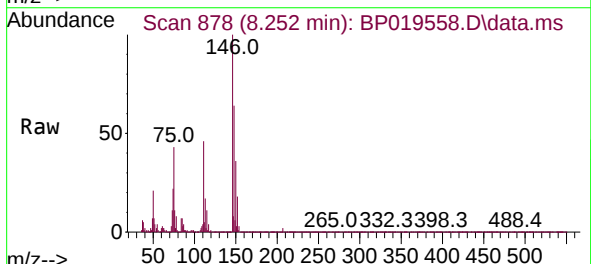
Instrument :
BNA_P
ClientSampleId :

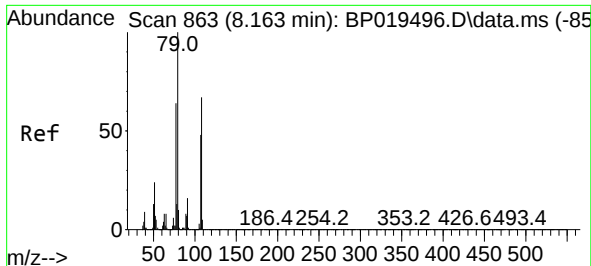
Tgt Ion:146 Resp: 42224
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
111 47.2 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 7.116 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:146 Resp: 40828
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 46.1 37.0 55.6

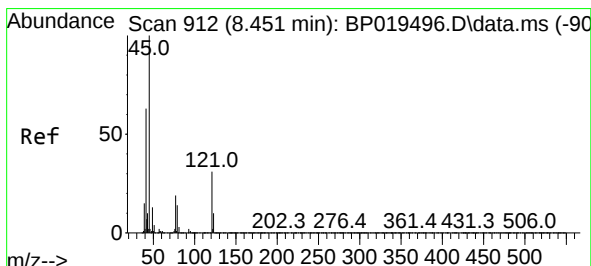
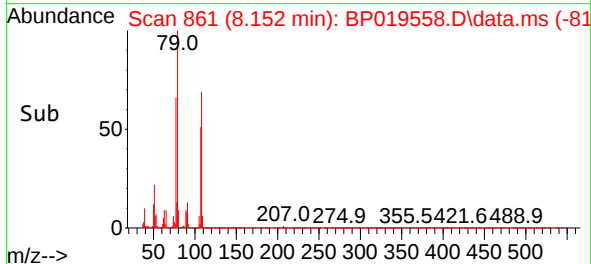
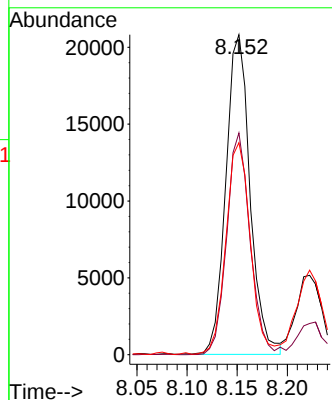
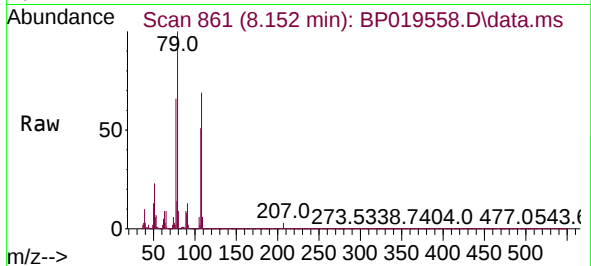




#15
Benzyl Alcohol
Concen: 6.955 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

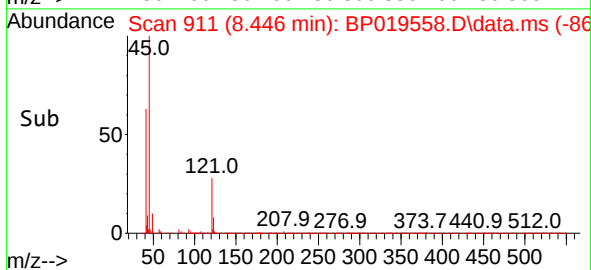
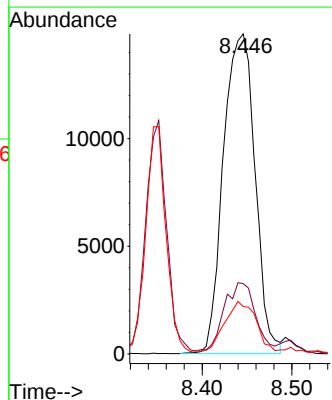
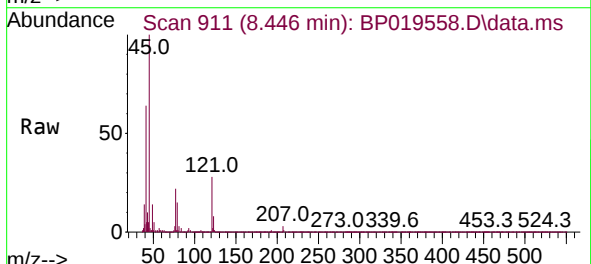
Instrument :
BNA_P
ClientSampleId :

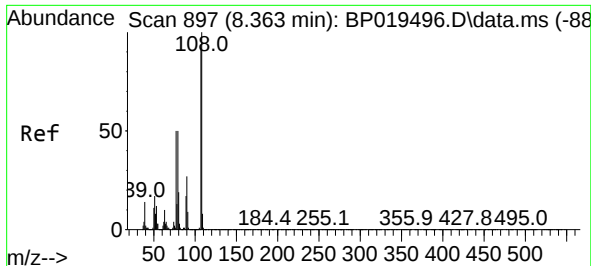
Tgt Ion: 79 Resp: 34911
Ion Ratio Lower Upper
79 100
108 69.3 53.8 80.6
77 66.3 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.458 ng
RT: 8.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

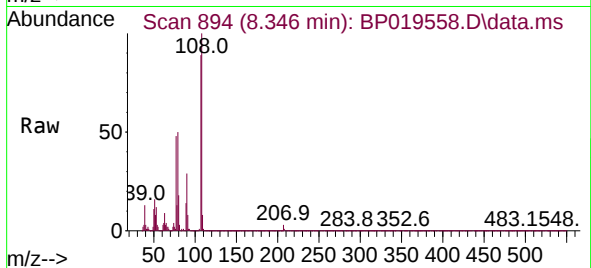
Tgt Ion: 45 Resp: 36327
Ion Ratio Lower Upper
45 100
77 22.0 0.8 40.8
79 14.8 0.0 35.5



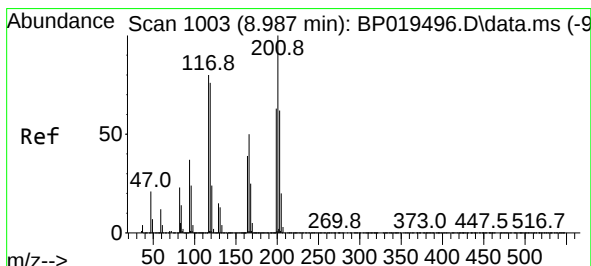
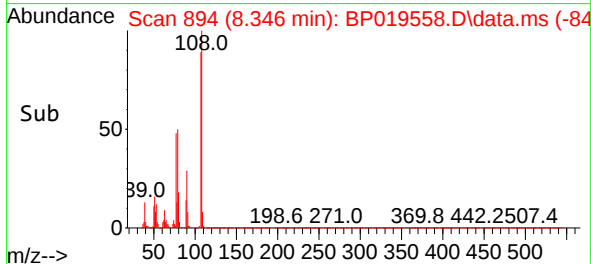
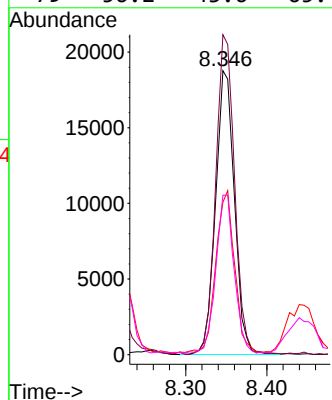


#17
2-Methylphenol
Concen: 7.200 ng
RT: 8.346 min Scan# 897
Delta R.T. -0.017 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Instrument :
BNA_P
ClientSampleId :

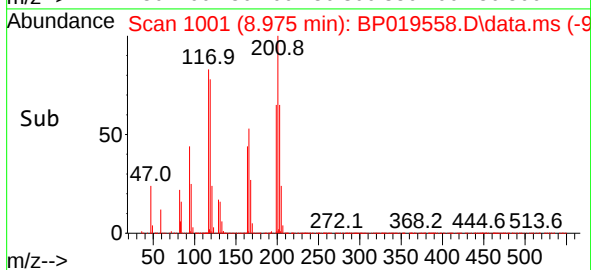
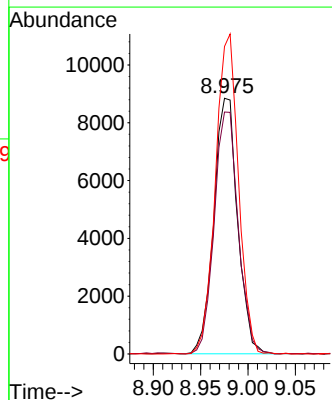
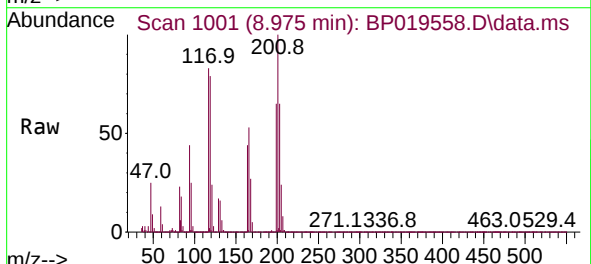


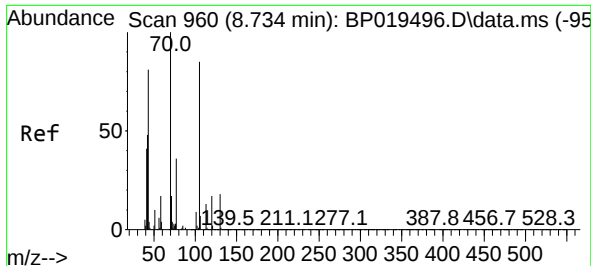
Tgt Ion:107 Resp: 30350
Ion Ratio Lower Upper
107 100
108 112.7 87.0 130.6
77 53.7 43.5 65.3
79 56.2 43.6 65.4



#18
Hexachloroethane
Concen: 6.718 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:117 Resp: 15442
Ion Ratio Lower Upper
117 100
119 94.6 75.5 113.3
201 120.3 99.4 149.2

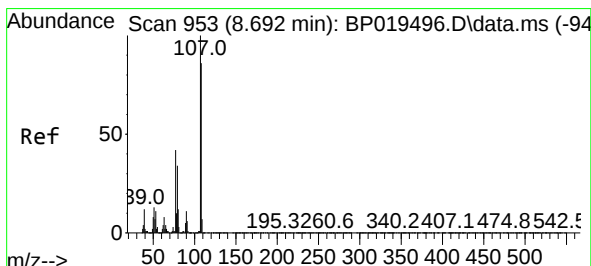
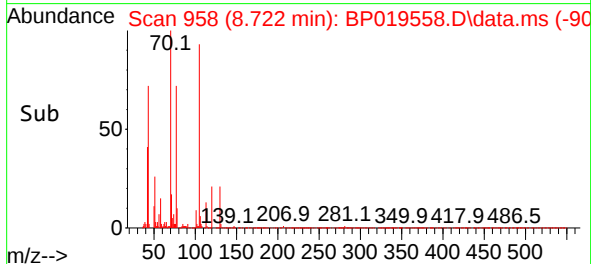
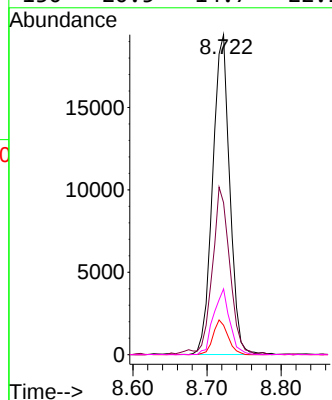
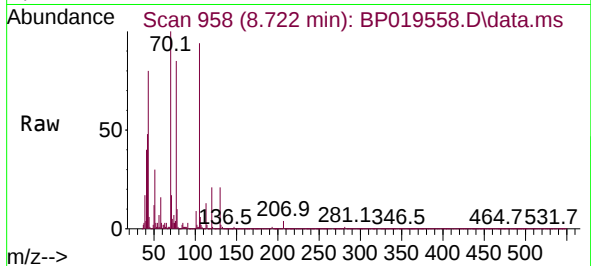




#19
n-Nitroso-di-n-propylamine
Concen: 7.249 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

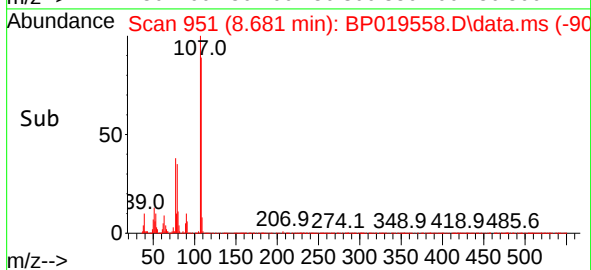
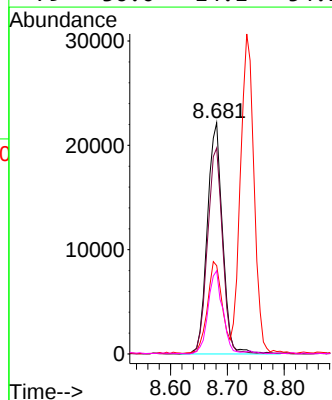
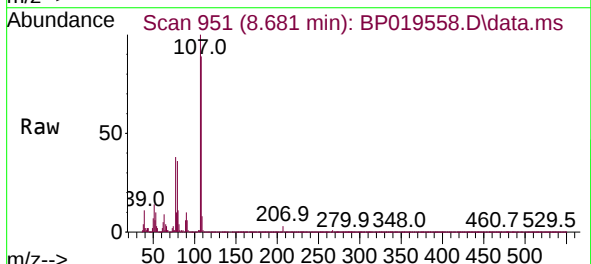
Instrument :
BNA_P
ClientSampleId :

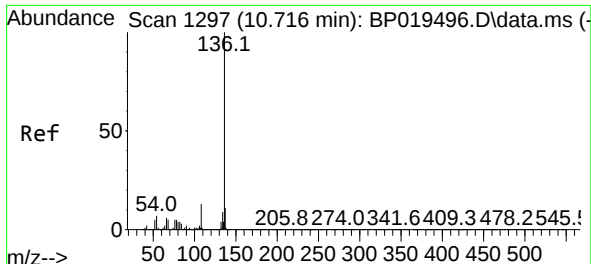
Tgt Ion:	70	Resp:	31103
Ion	Ratio	Lower	Upper
70	100		
42	47.5	39.2	58.8
101	9.2	7.3	10.9
130	20.5	14.7	22.1



#20
3+4-Methylphenols
Concen: 7.145 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:	107	Resp:	41101
Ion	Ratio	Lower	Upper
107	100		
108	89.1	65.5	105.5
77	38.2	21.8	61.8
79	36.0	14.1	54.1

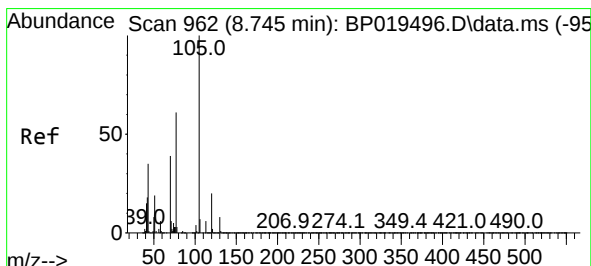
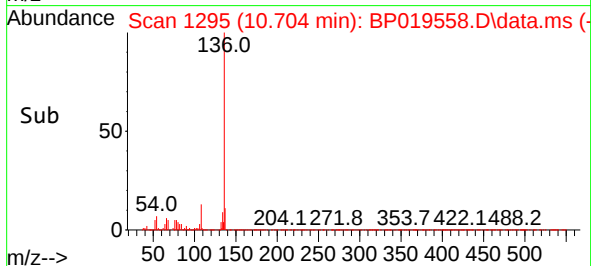
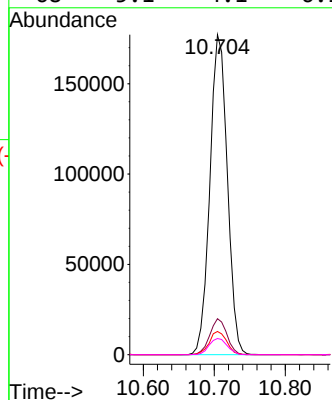
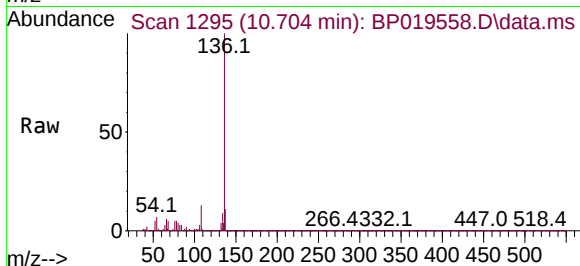




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

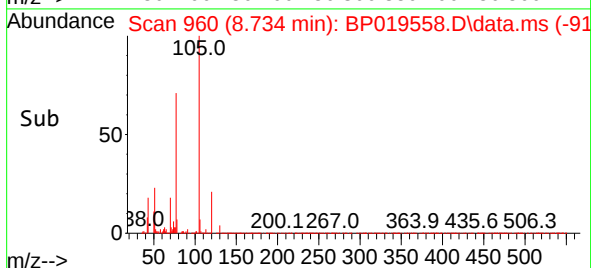
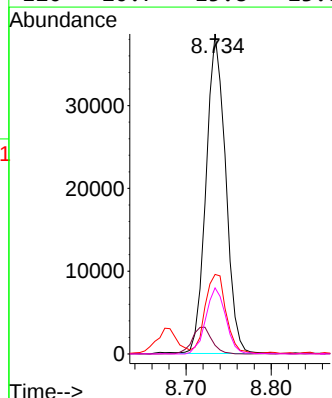
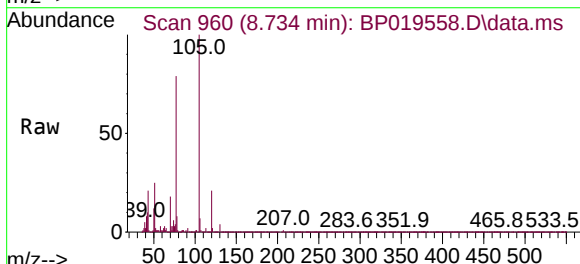
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	136	Resp:	302087
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.2	5.3	7.9
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 7.127 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:	105	Resp:	61333
Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.9	7.3#
51	24.9	20.7	31.1
120	20.7	15.8	23.8

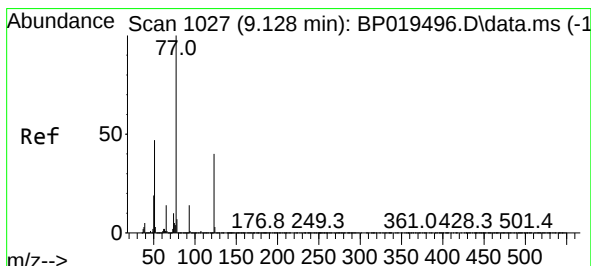
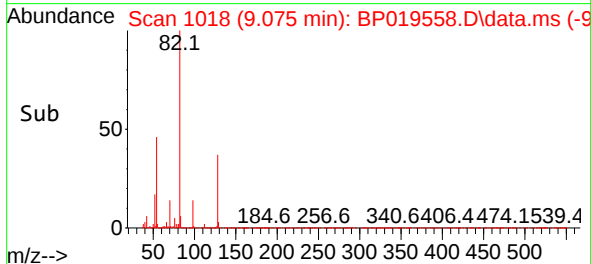
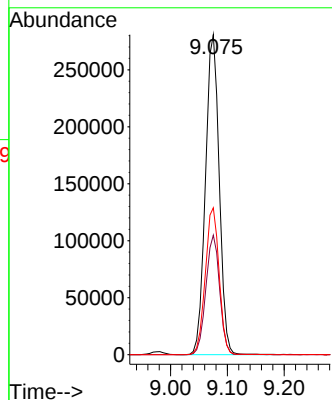
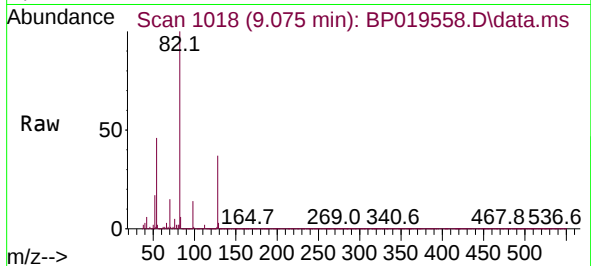




#23
Nitrobenzene-d5
Concen: 67.534 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

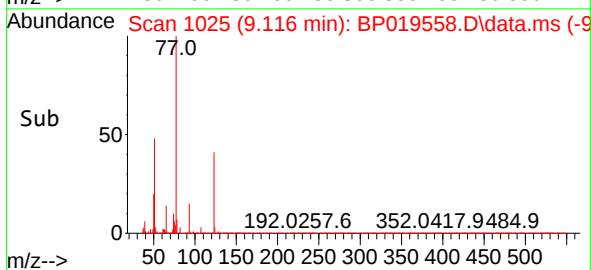
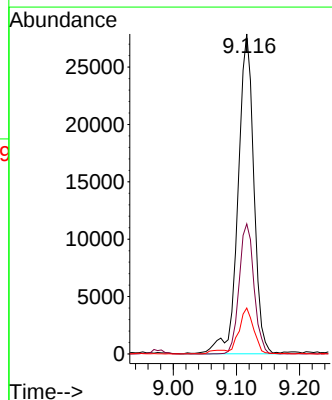
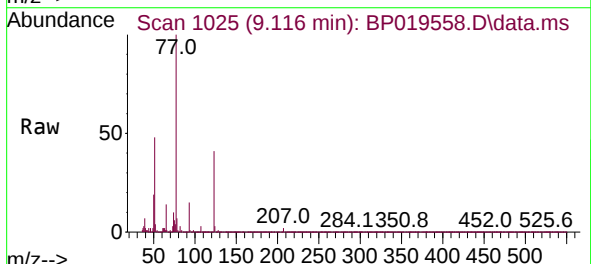
Instrument :
BNA_P
ClientSampleId :

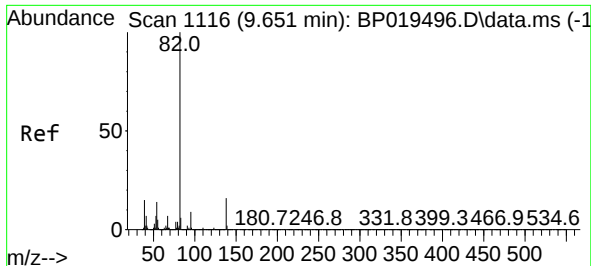
Tgt Ion: 82 Resp: 470813
Ion Ratio Lower Upper
82 100
128 37.3 29.7 44.5
54 45.9 36.8 55.2



#24
Nitrobenzene
Concen: 6.907 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion: 77 Resp: 48481
Ion Ratio Lower Upper
77 100
123 40.6 32.3 48.5
65 14.4 11.6 17.4

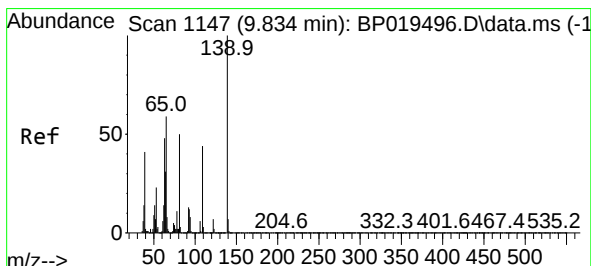
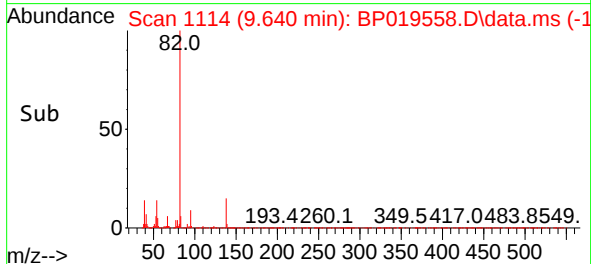
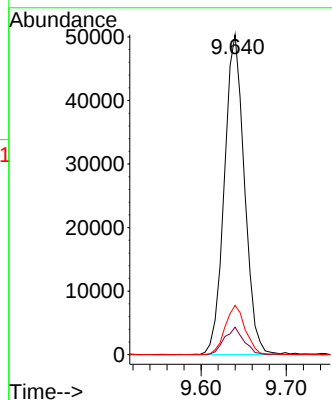
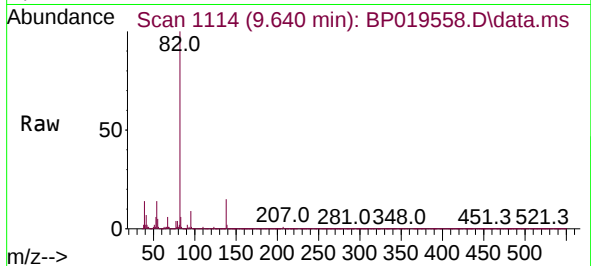




#25
Isophorone
Concen: 6.774 ng
RT: 9.640 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

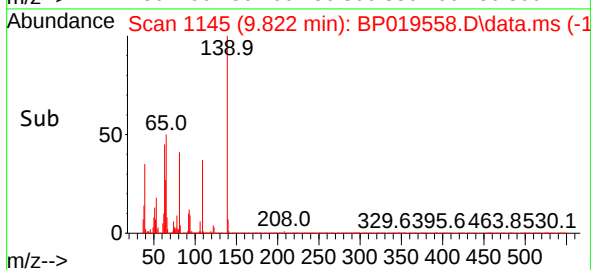
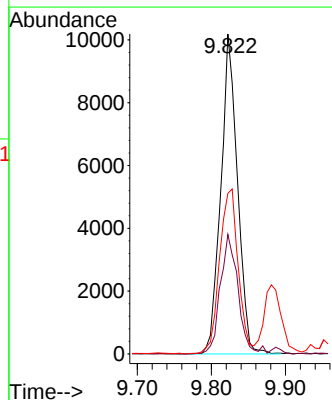
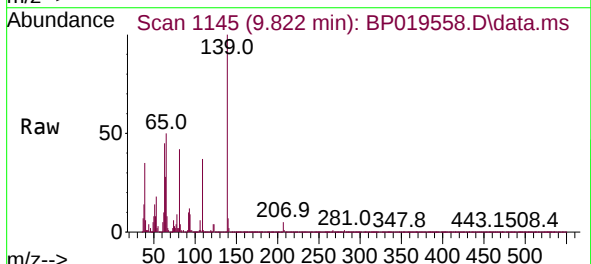
Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 82247
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.4
138 15.4 13.1 19.7



#26
2-Nitrophenol
Concen: 5.956 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion: 139 Resp: 15941
Ion Ratio Lower Upper
139 100
109 37.4 34.9 52.3
65 50.2 47.5 71.3

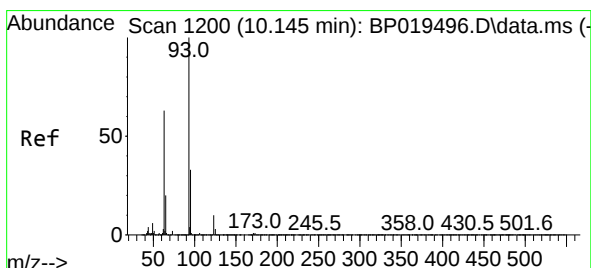
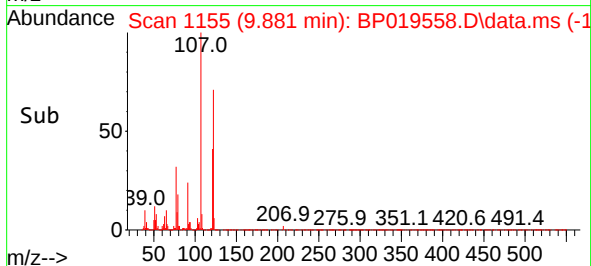
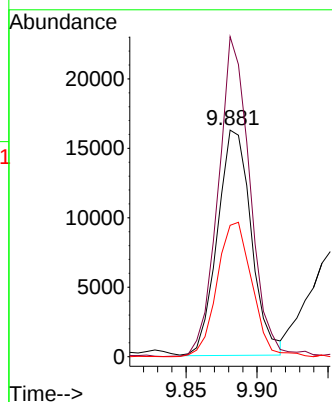
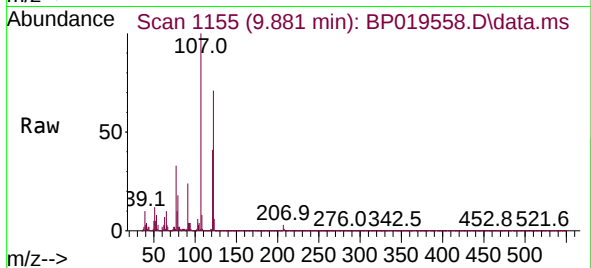




#27
2,4-Dimethylphenol
Concen: 7.881 ng
RT: 9.881 min Scan# 1158
Delta R.T. -0.017 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

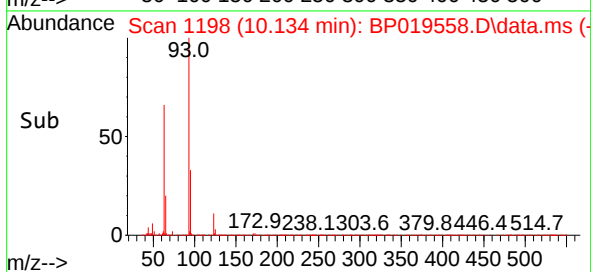
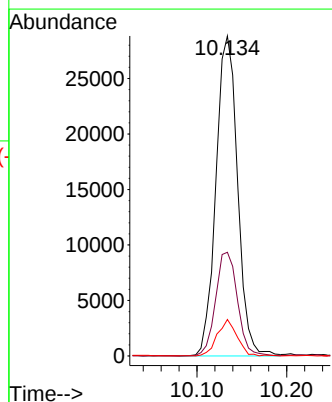
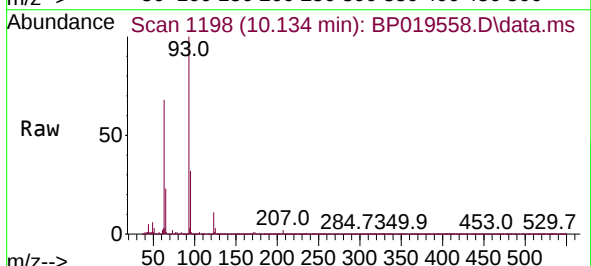
Instrument :
BNA_P
ClientSampleId :

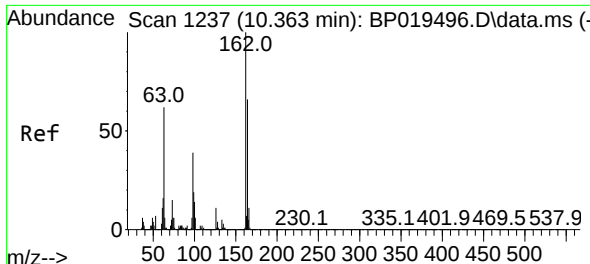
Tgt Ion:122 Resp: 26970
Ion Ratio Lower Upper
122 100
107 141.3 105.9 158.9
121 58.0 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 7.016 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion: 93 Resp: 48196
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.4
123 11.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 6.387 ng

RT: 10.352 min Scan# 11

Delta R.T. -0.011 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

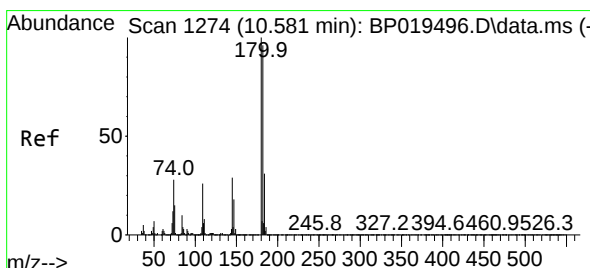
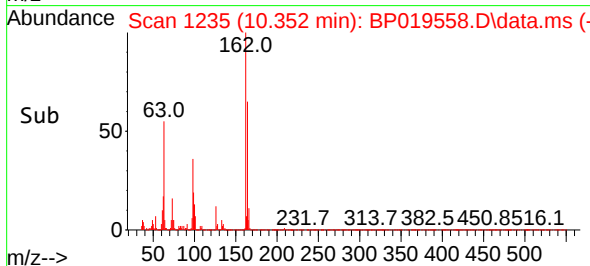
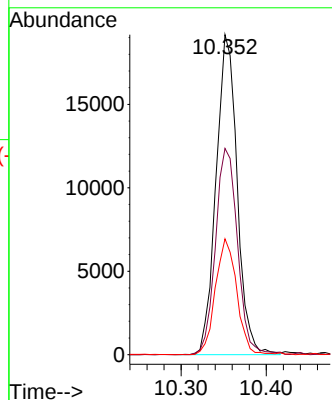
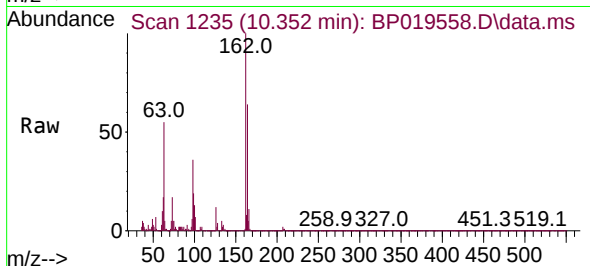
Tgt Ion:162 Resp: 33043

Ion Ratio Lower Upper

162 100

164 64.4 46.0 86.0

98 36.2 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 6.555 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.011 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

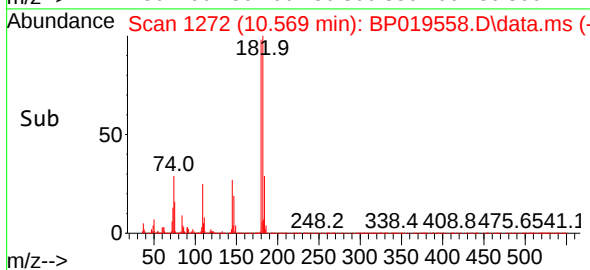
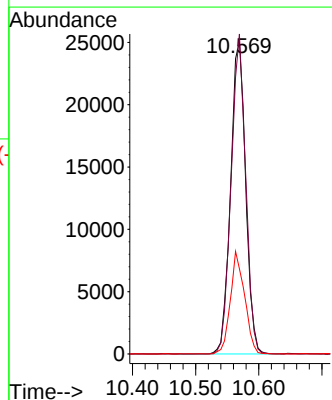
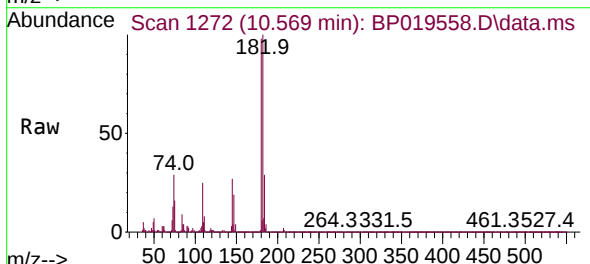
Tgt Ion:180 Resp: 41579

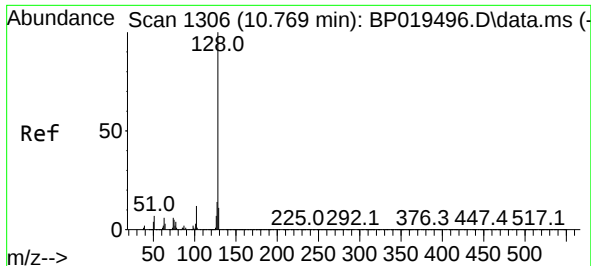
Ion Ratio Lower Upper

180 100

182 102.4 77.0 115.6

145 27.3 23.2 34.8

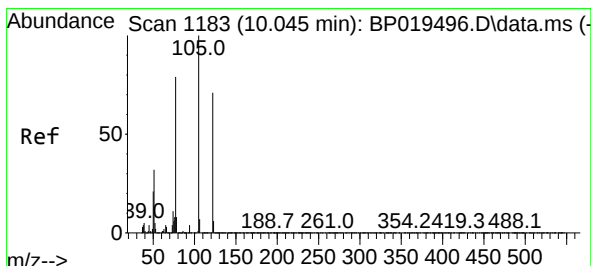
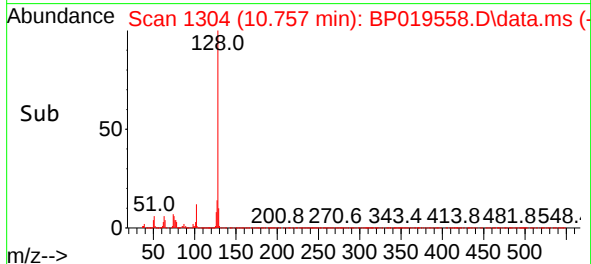
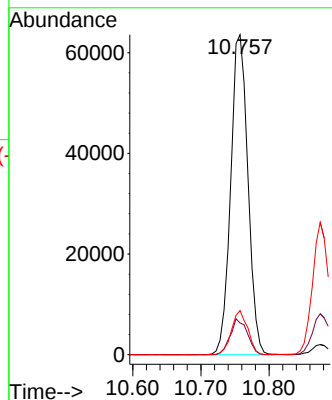
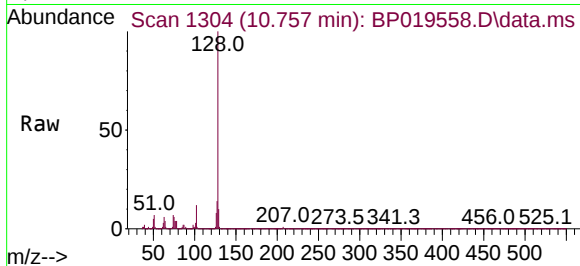




#31
Naphthalene
Concen: 6.737 ng
RT: 10.757 min Scan# 1167
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

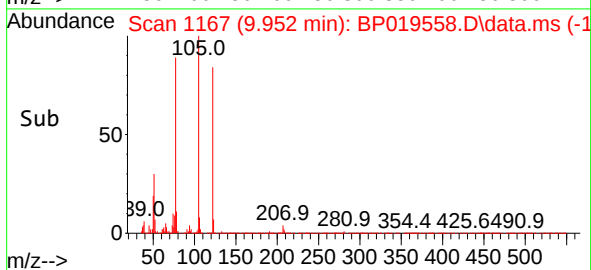
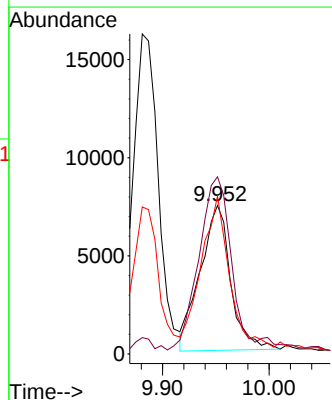
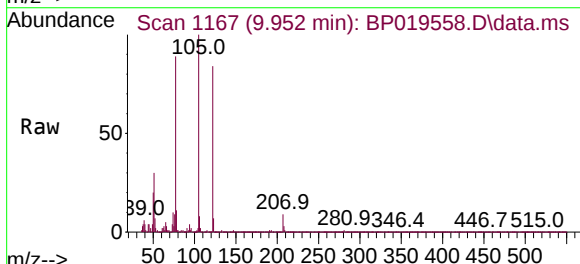
Instrument :
BNA_P
ClientSampleId :

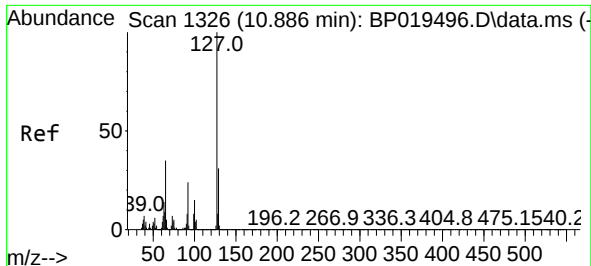
Tgt Ion:128 Resp: 111612
Ion Ratio Lower Upper
128 100
129 9.9 8.6 13.0
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 4.428 ng
RT: 9.952 min Scan# 1167
Delta R.T. -0.094 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:122 Resp: 14766
Ion Ratio Lower Upper
122 100
105 119.2 118.8 158.8
77 106.2 91.7 131.7

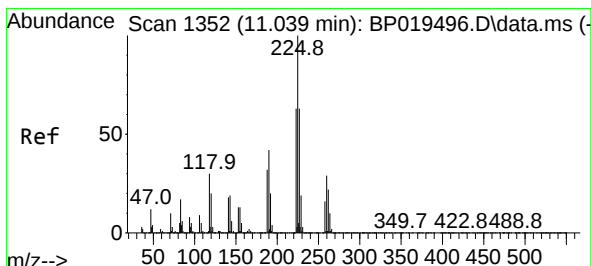
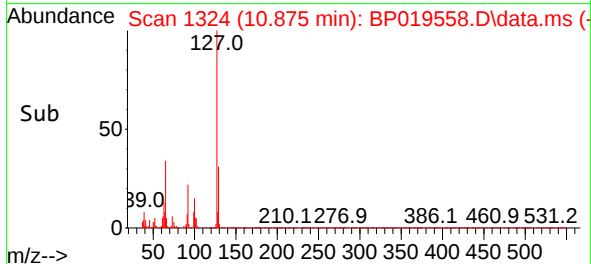
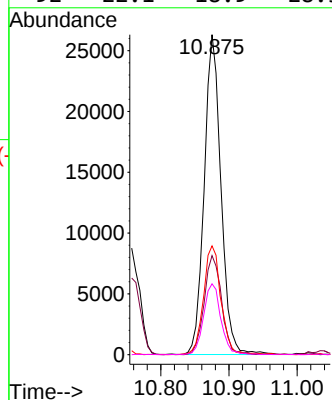
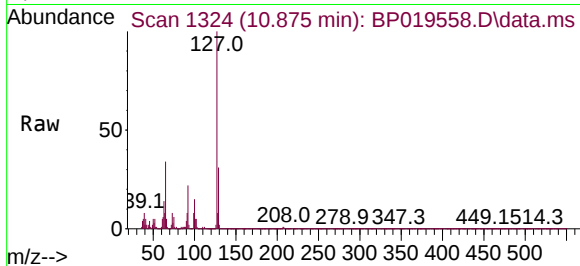




#33
4-Chloroaniline
Concen: 7.353 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

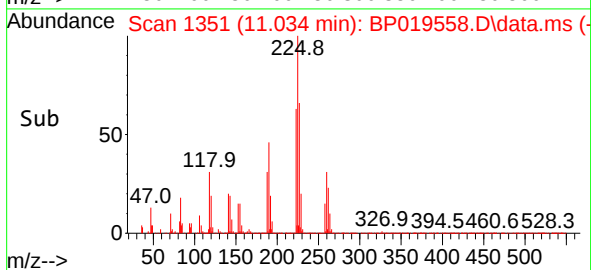
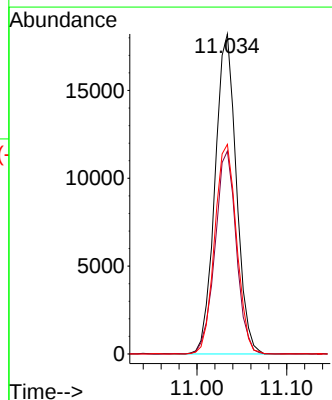
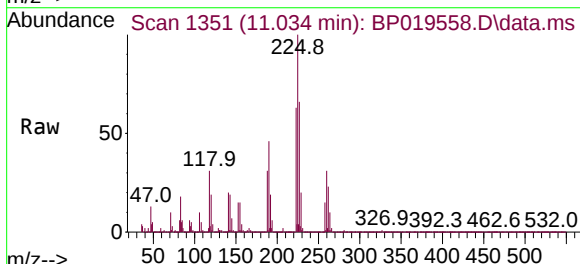
Instrument :
BNA_P
ClientSampleId :

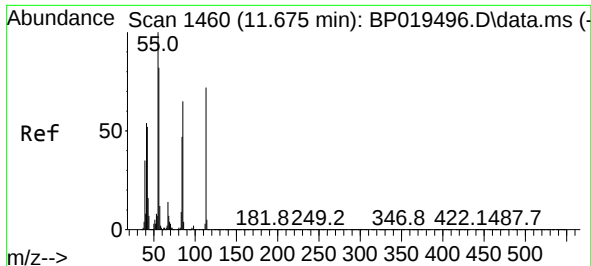
Tgt Ion:	127	Resp:	45053
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.6	36.8
65	34.0	28.2	42.4
92	22.1	18.9	28.3



#34
Hexachlorobutadiene
Concen: 6.388 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:	225	Resp:	30028
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.5	75.7
227	65.5	50.2	75.2

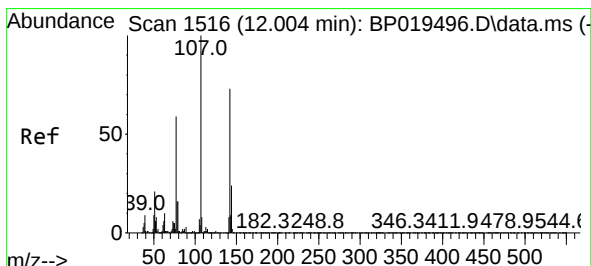
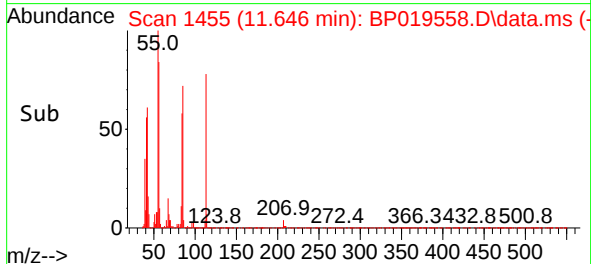
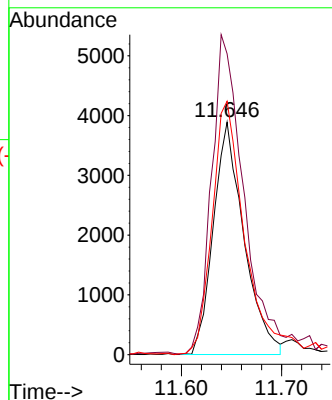
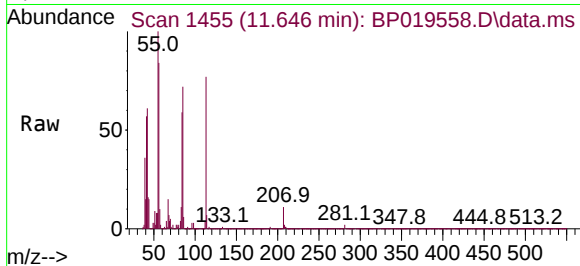




#35
Caprolactam
Concen: 5.631 ng
RT: 11.646 min Scan# 1460
Delta R.T. -0.029 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

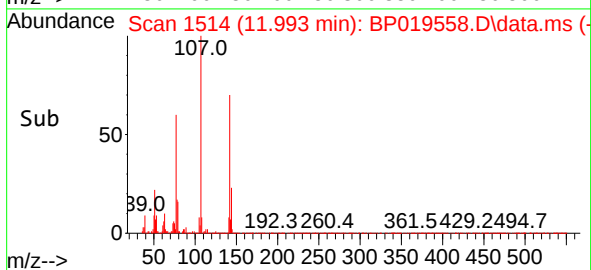
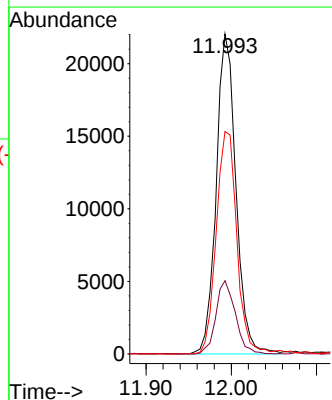
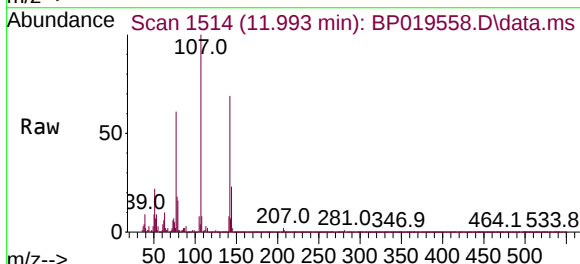
Instrument :
BNA_P
ClientSampleId :

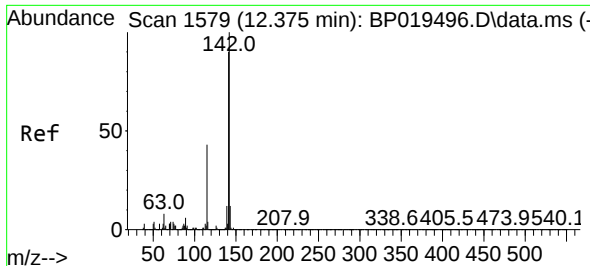
Tgt Ion:113 Resp: 8247
Ion Ratio Lower Upper
113 100
55 129.4 120.0 160.0
56 109.0 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 6.288 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:107 Resp: 35471
Ion Ratio Lower Upper
107 100
144 22.9 19.0 28.4
142 69.5 58.6 88.0

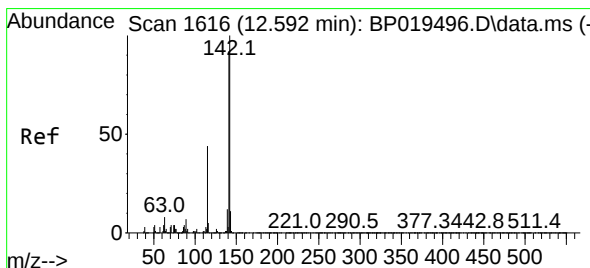
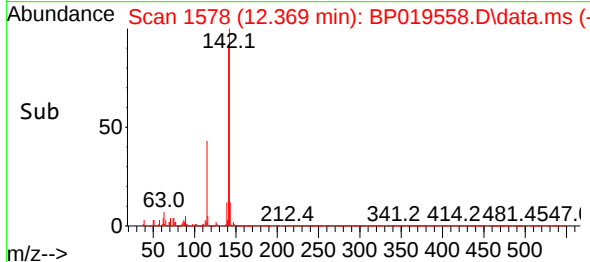
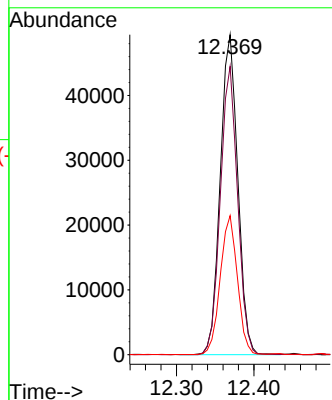
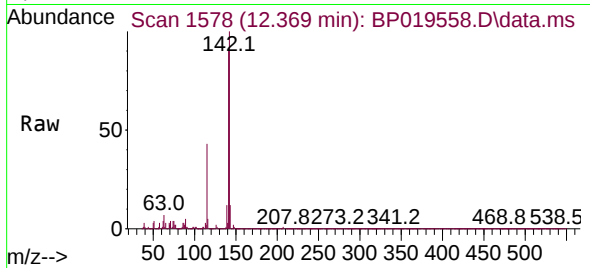




#37
2-Methylnaphthalene
Concen: 6.779 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

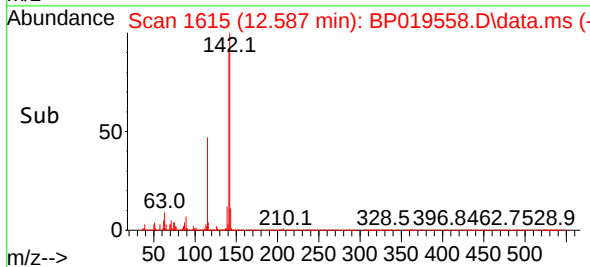
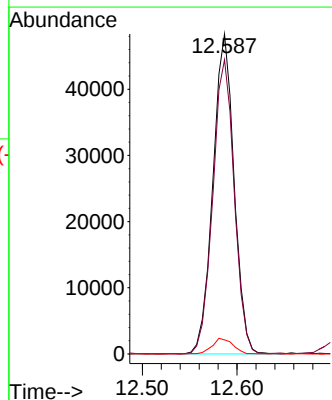
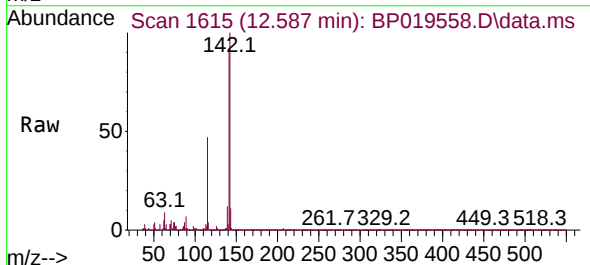
Instrument :
BNA_P
ClientSampleId :

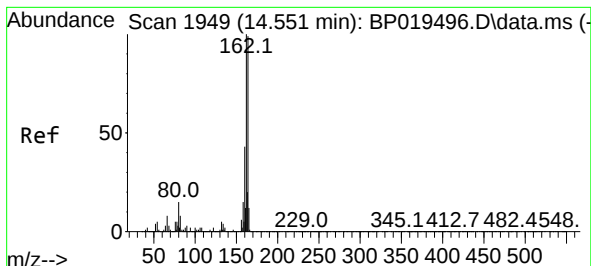
Tgt Ion:142 Resp: 77725
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4
115 43.5 34.2 51.2



#38
1-Methylnaphthalene
Concen: 6.671 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:142 Resp: 75167
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0
116 4.4 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

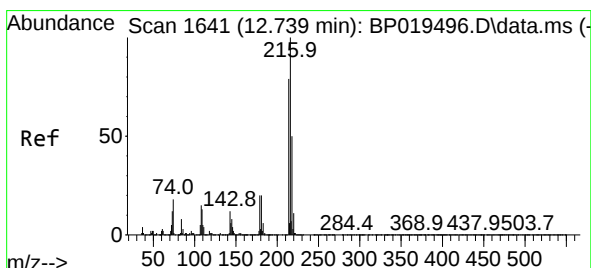
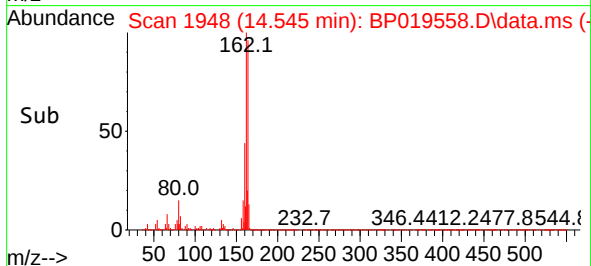
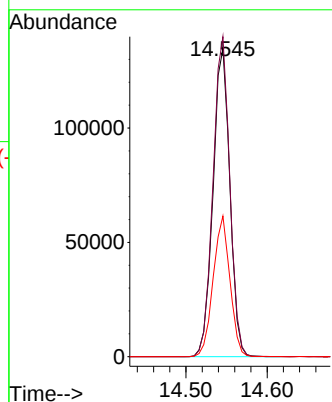
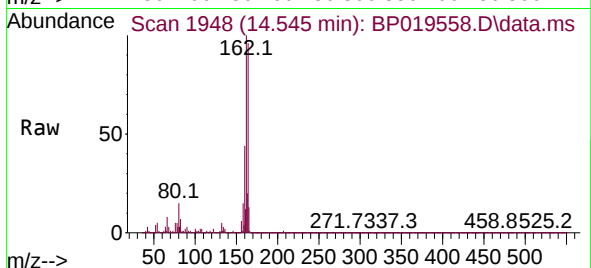
Tgt Ion:164 Resp: 194020

Ion Ratio Lower Upper

164 100

162 103.9 81.2 121.8

160 45.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.982 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.011 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Tgt Ion:216 Resp: 52241

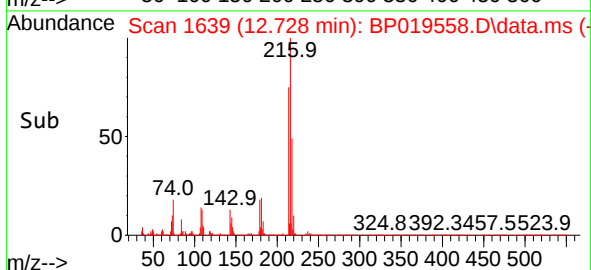
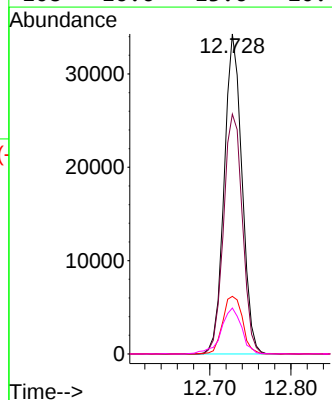
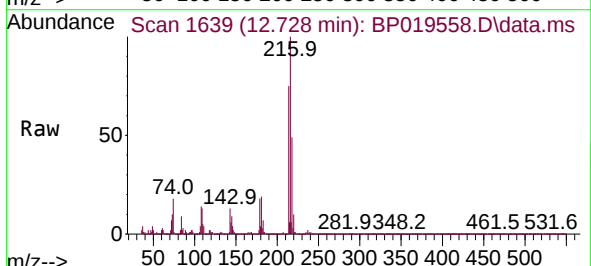
Ion Ratio Lower Upper

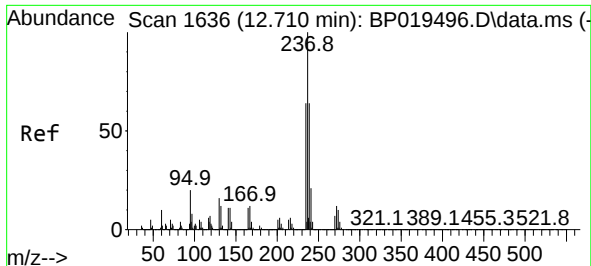
216 100

214 79.3 62.8 94.2

179 20.2 16.6 24.8

108 16.6 13.6 20.4

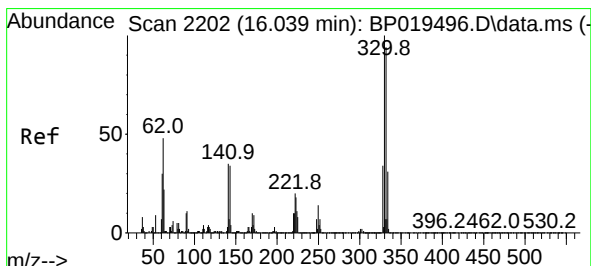
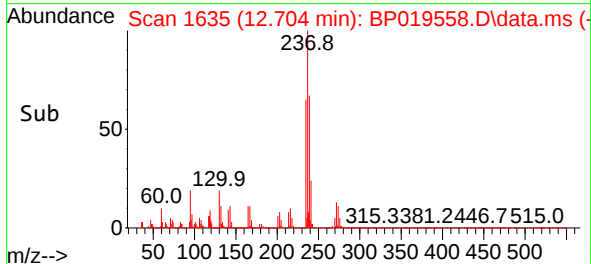
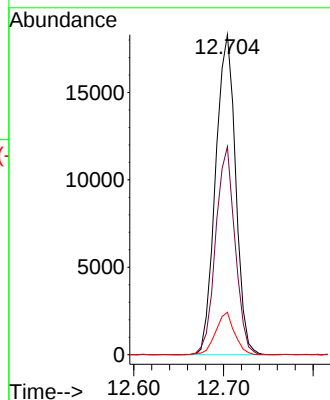
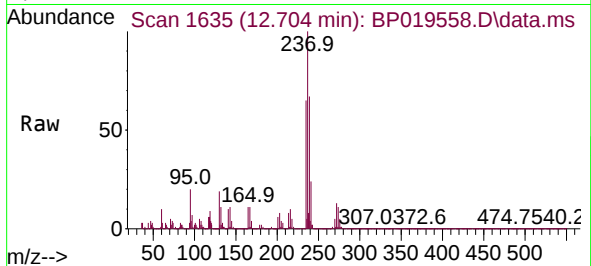




#41
Hexachlorocyclopentadiene
Concen: 8.382 ng
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

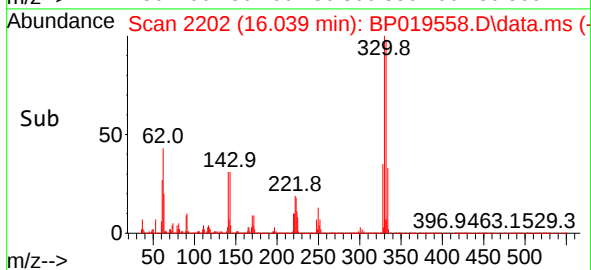
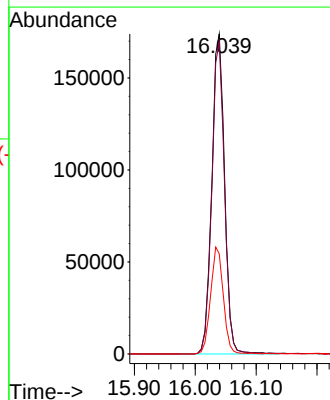
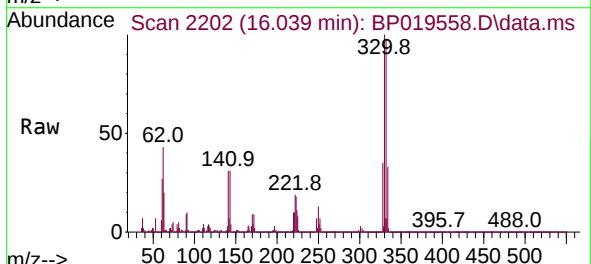
Instrument :
BNA_P
ClientSampleId :

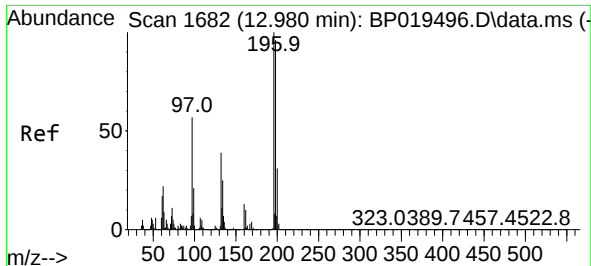
Tgt Ion:237 Resp: 28333
Ion Ratio Lower Upper
237 100
235 65.0 43.7 83.7
272 13.3 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 89.720 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:330 Resp: 254162
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 33.2 27.0 40.4

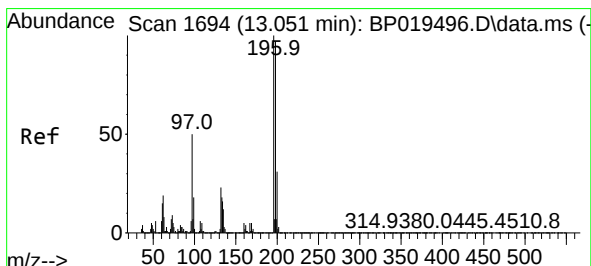
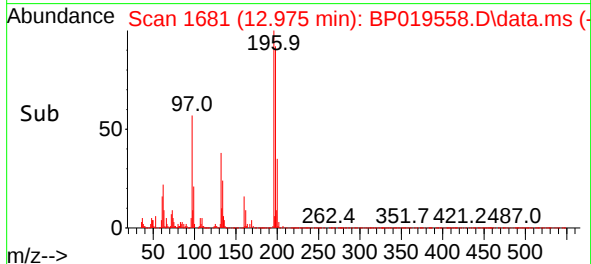
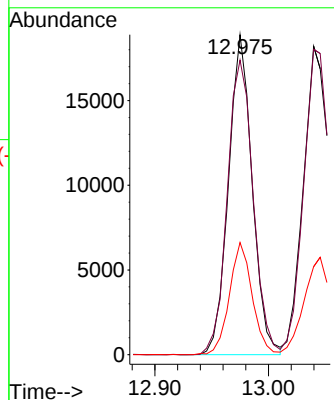
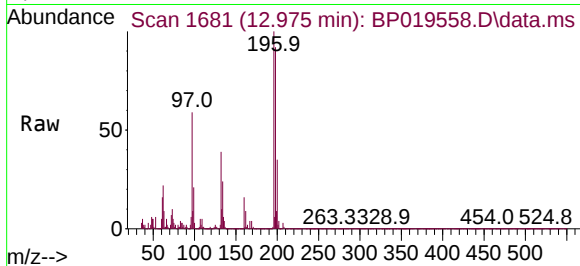




#43
2,4,6-Trichlorophenol
Concen: 6.060 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

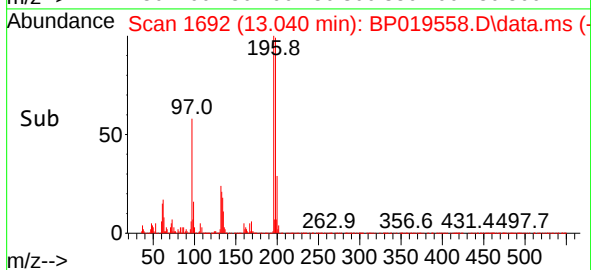
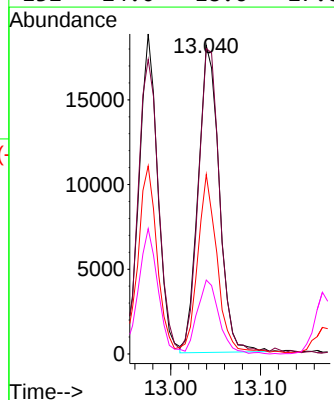
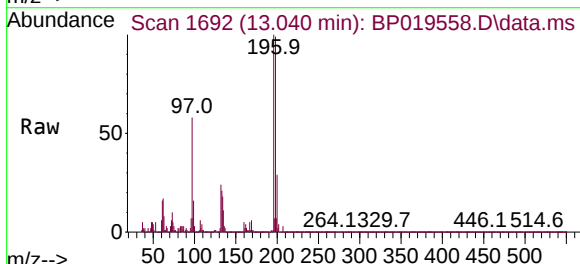
Instrument :
BNA_P
ClientSampleId :

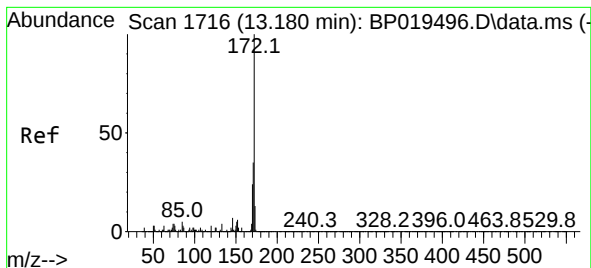
Tgt Ion:196 Resp: 27458
Ion Ratio Lower Upper
196 100
198 92.0 76.7 115.1
200 35.1 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 5.958 ng
RT: 13.040 min Scan# 1692
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:196 Resp: 29642
Ion Ratio Lower Upper
196 100
198 99.0 77.5 116.3
97 58.2 39.9 59.9
132 24.0 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 67.835 ng

RT: 13.169 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

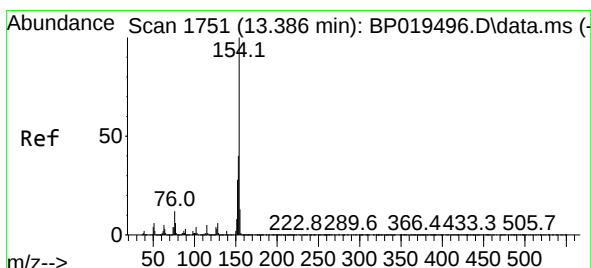
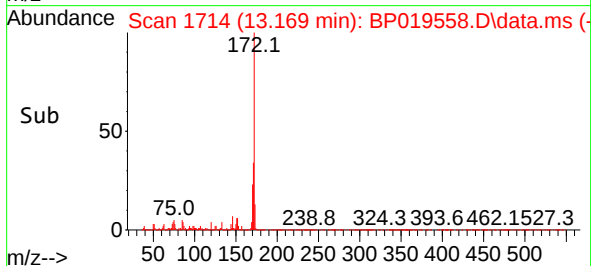
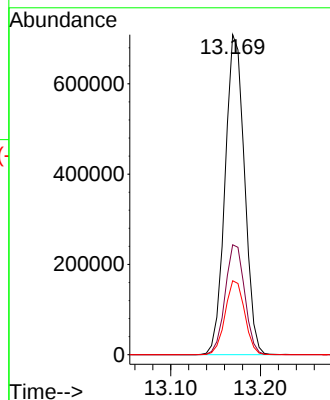
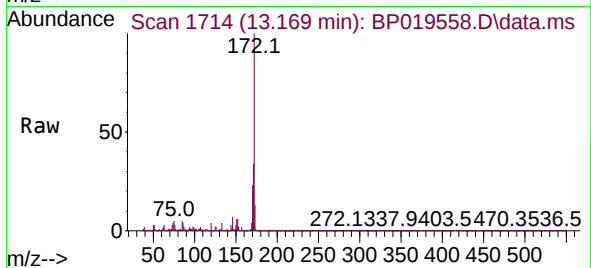
Tgt Ion:172 Resp: 1064643

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.4

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 7.093 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

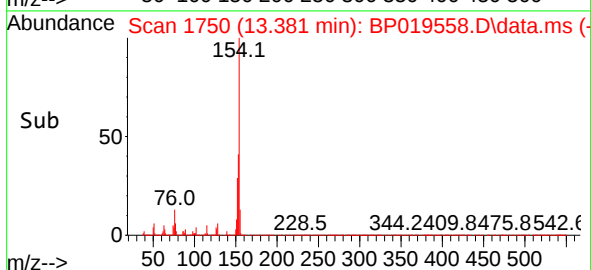
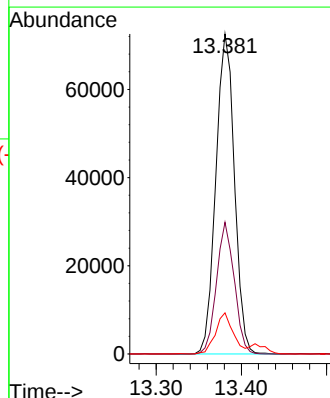
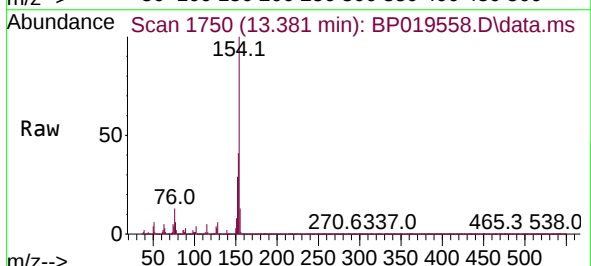
Tgt Ion:154 Resp: 109833

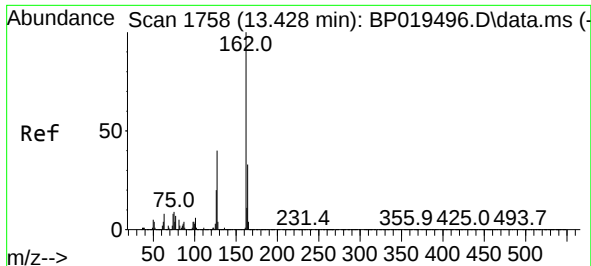
Ion Ratio Lower Upper

154 100

153 41.2 20.2 60.2

76 12.9 0.0 31.6

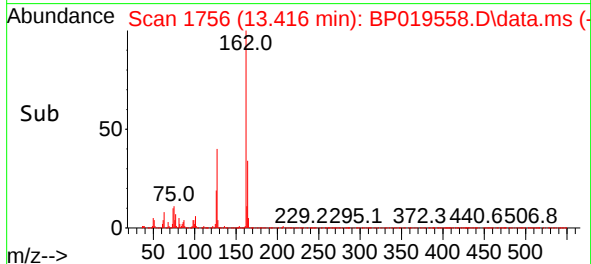
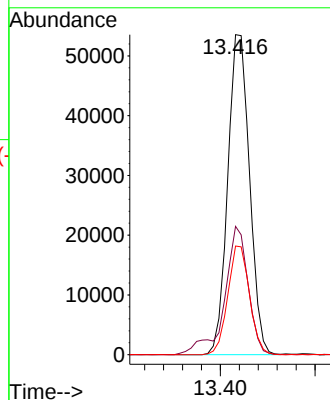
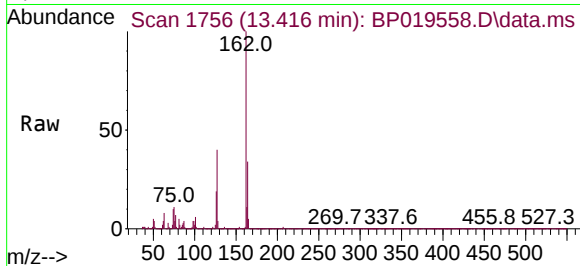




#47
2-Chloronaphthalene
Concen: 6.742 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

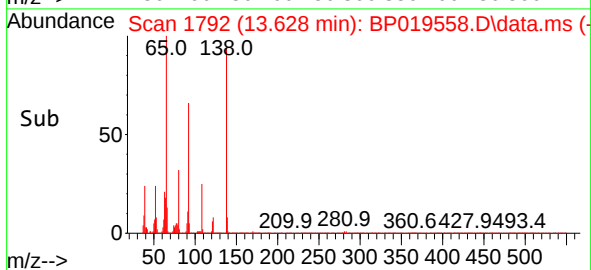
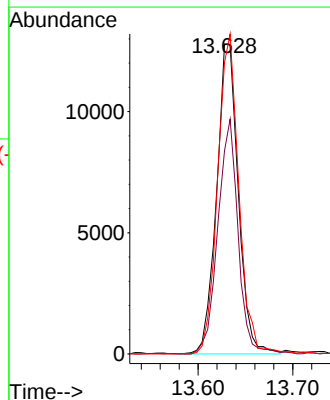
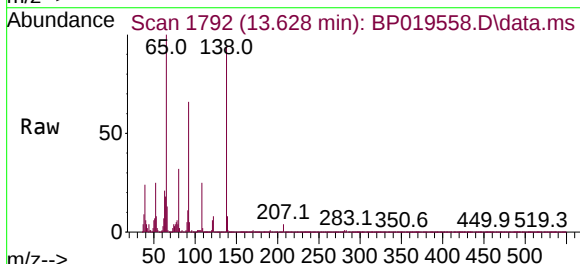
Instrument :
BNA_P
ClientSampleId :

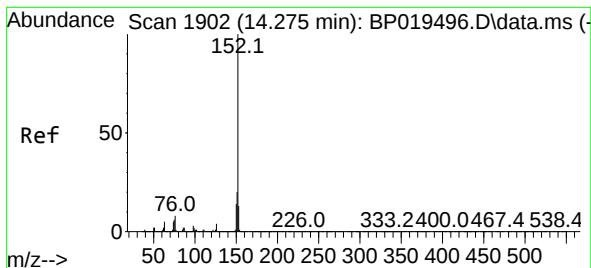
Tgt Ion:162 Resp: 85708
Ion Ratio Lower Upper
162 100
127 40.1 32.1 48.1
164 34.0 26.7 40.1



#48
2-Nitroaniline
Concen: 5.748 ng
RT: 13.628 min Scan# 1792
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion: 65 Resp: 20431
Ion Ratio Lower Upper
65 100
92 65.5 54.7 82.1
138 94.0 77.8 116.6





#49

Acenaphthylene

Concen: 7.311 ng

RT: 14.263 min Scan# 1902

Delta R.T. -0.011 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

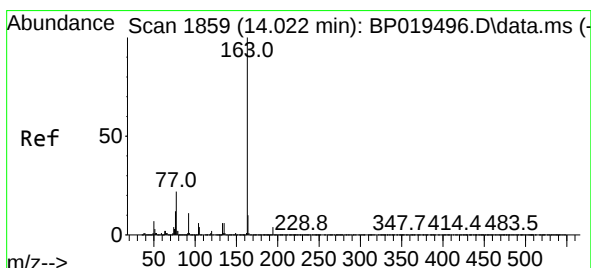
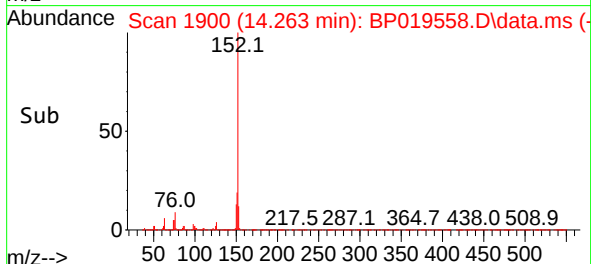
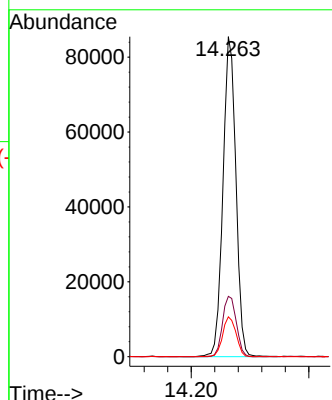
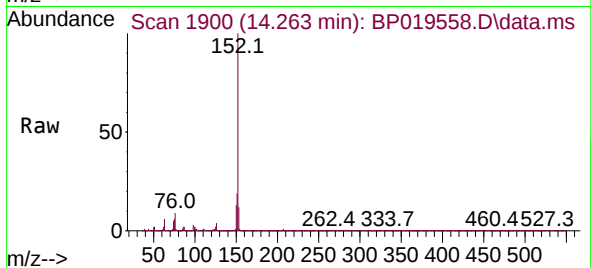
Tgt Ion:152 Resp: 130376

Ion Ratio Lower Upper

152 100

151 18.9 15.8 23.6

153 12.5 10.6 15.8



#50

Dimethylphthalate

Concen: 6.727 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.011 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

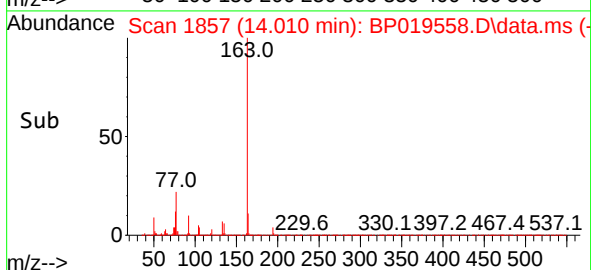
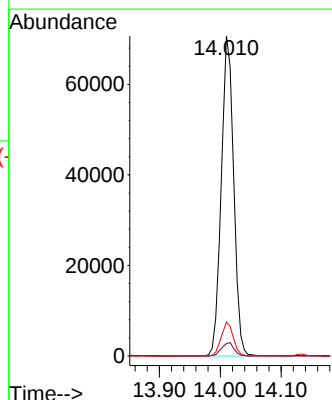
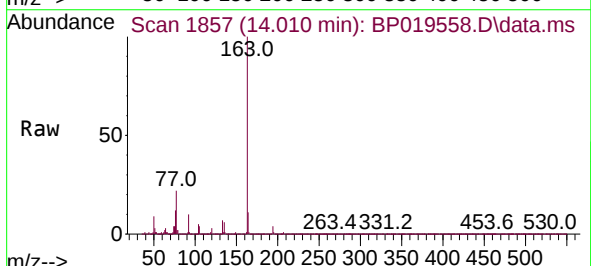
Tgt Ion:163 Resp: 99908

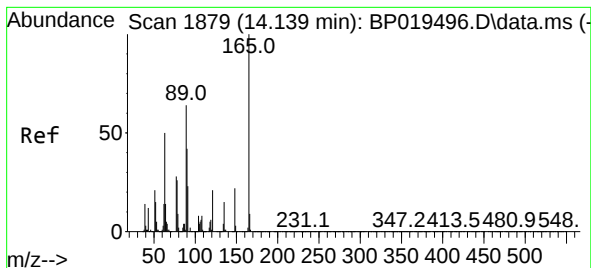
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 10.6 7.8 11.6

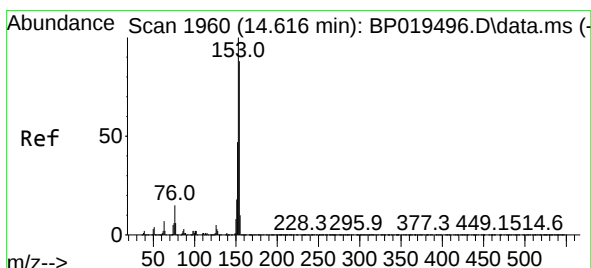
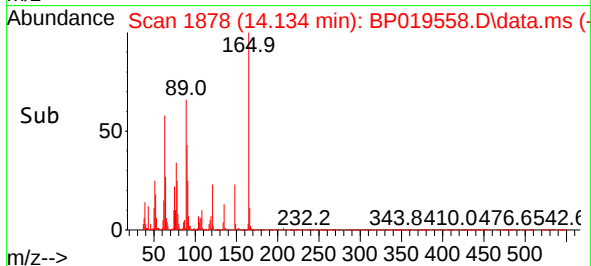
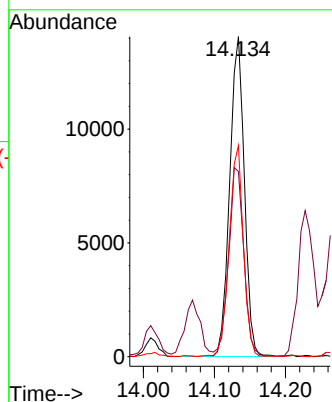
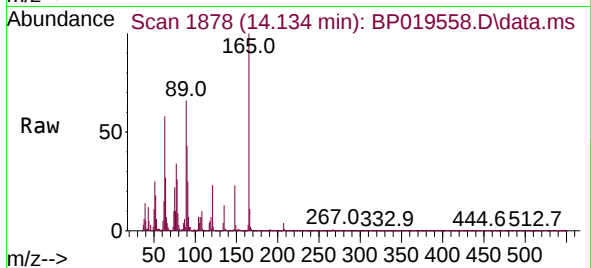




#51
2,6-Dinitrotoluene
Concen: 6.176 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

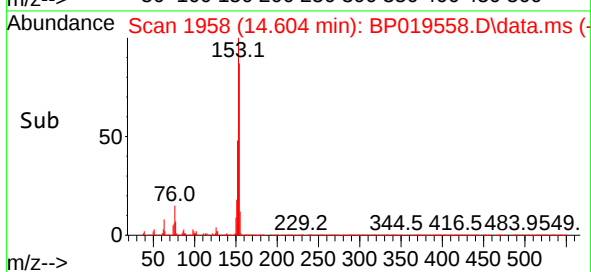
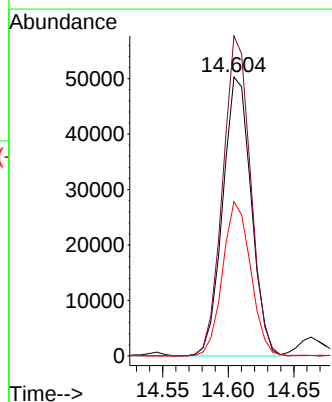
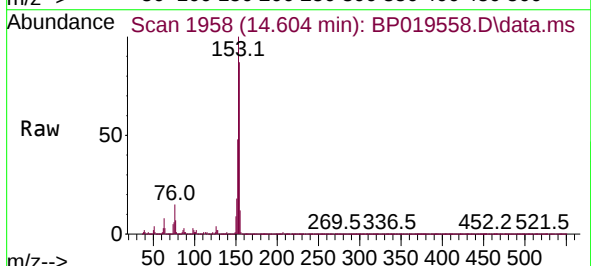
Instrument :
BNA_P
ClientSampleId :

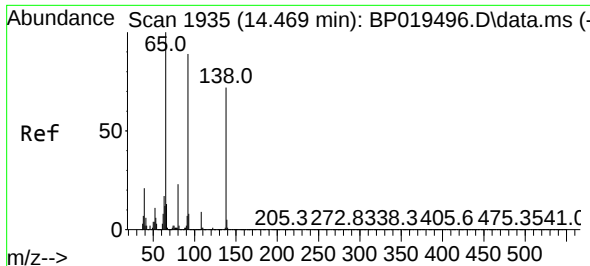
Tgt Ion:165 Resp: 20153
Ion Ratio Lower Upper
165 100
63 57.9 50.4 75.6
89 66.0 51.7 77.5



#52
Acenaphthene
Concen: 6.858 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:154 Resp: 75911
Ion Ratio Lower Upper
154 100
153 114.8 90.5 135.7
152 55.3 42.1 63.1

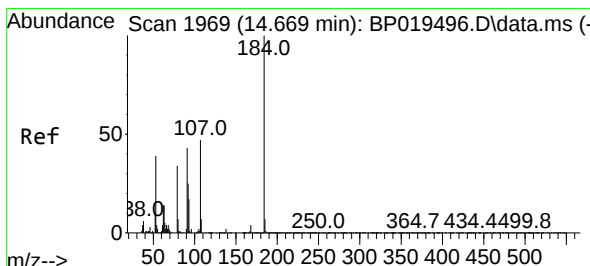
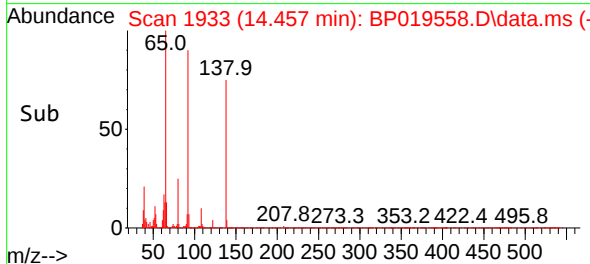
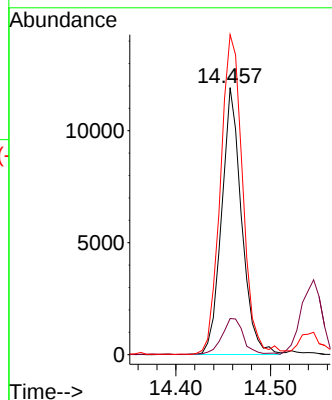
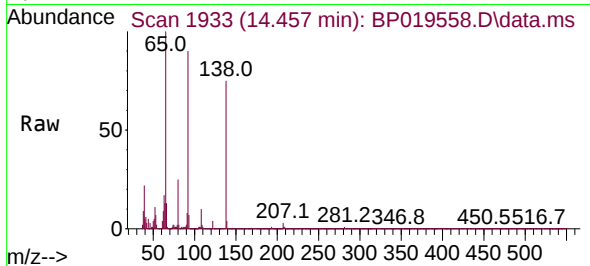




#53
3-Nitroaniline
Concen: 5.819 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

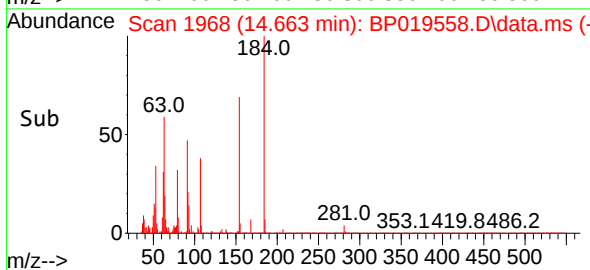
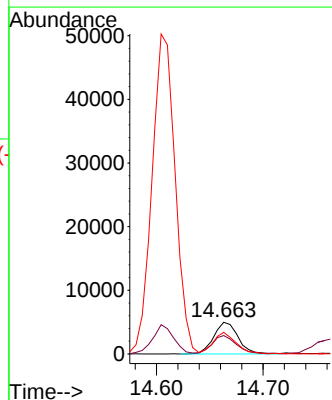
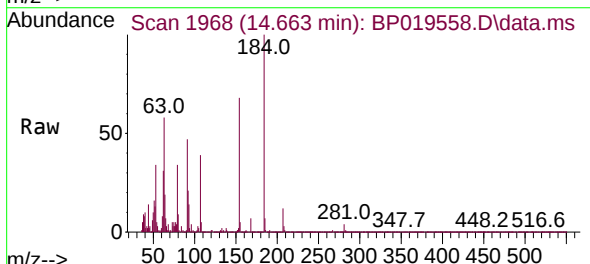
Instrument :
BNA_P
ClientSampleId :

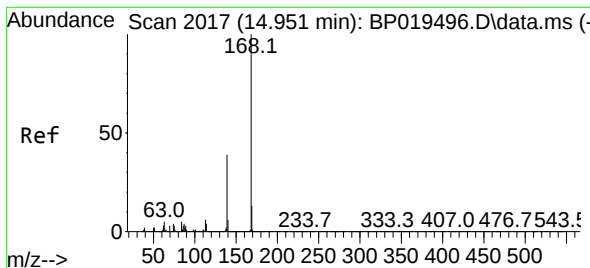
Tgt Ion:138 Resp: 17452
Ion Ratio Lower Upper
138 100
108 13.6 9.7 14.5
92 119.8 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 4.673 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:184 Resp: 7918
Ion Ratio Lower Upper
184 100
63 58.4 50.5 75.7
154 68.4 53.4 80.0

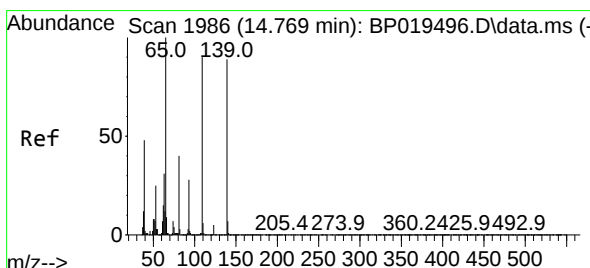
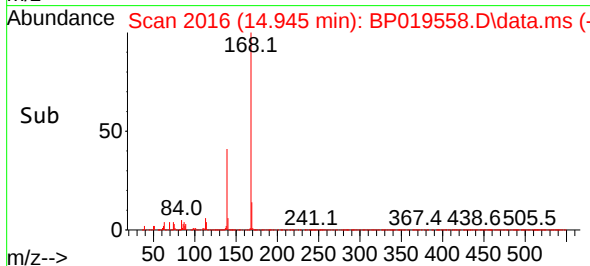
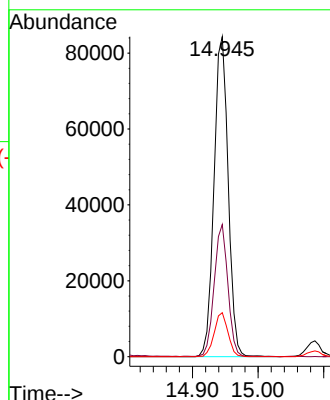
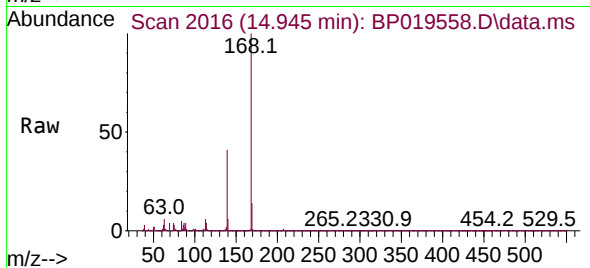




#55
Dibenzofuran
Concen: 7.004 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

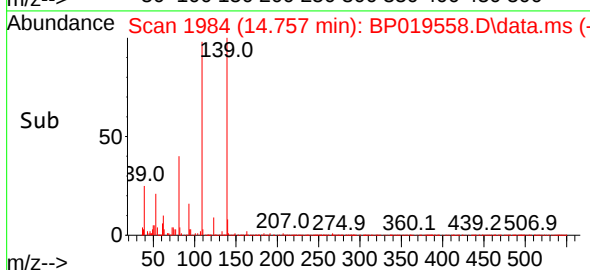
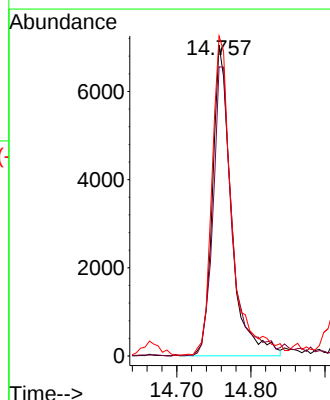
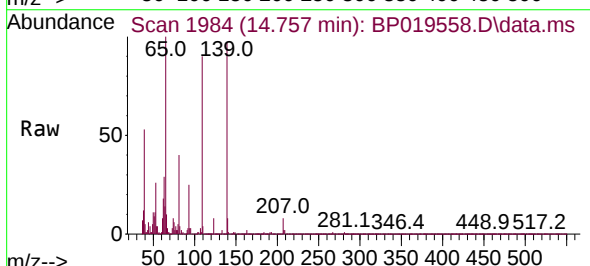
Instrument :
BNA_P
ClientSampleId :

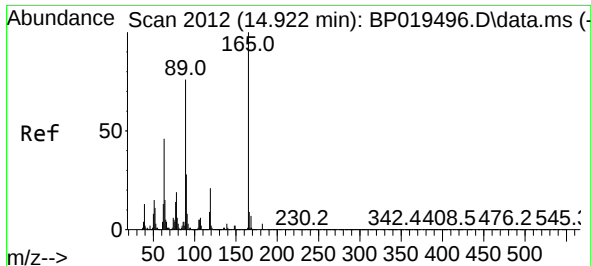
Tgt Ion	168	139	169
Resp:	126265	41.3	13.7
Lower		31.5	10.3
Upper		47.3	15.5



#56
4-Nitrophenol
Concen: 5.072 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

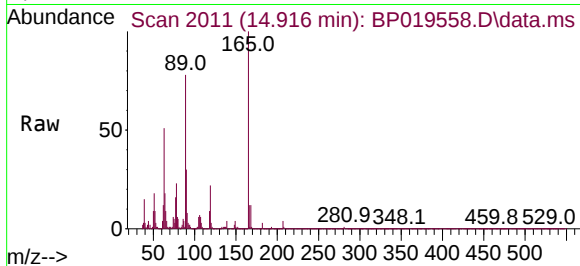
Tgt Ion	139	109	65
Resp:	12467	93.0	102.9
Lower		82.0	92.9
Upper		122.0	132.9



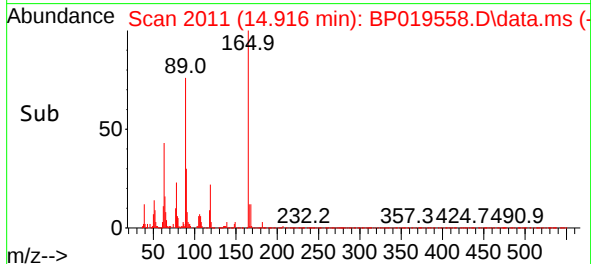
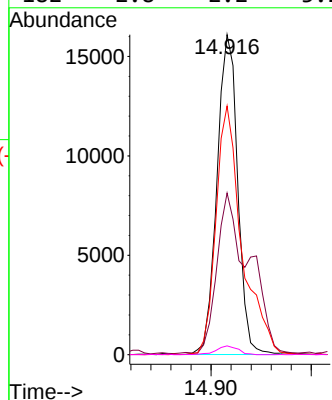


#57
2,4-Dinitrotoluene
Concen: 5.396 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Instrument :
BNA_P
ClientSampleId :

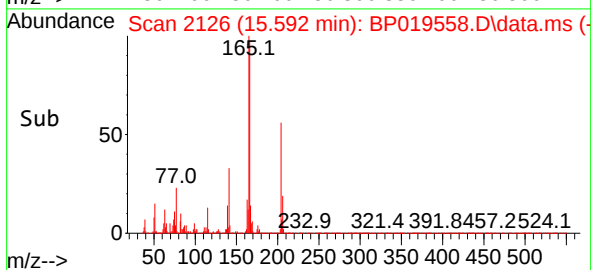
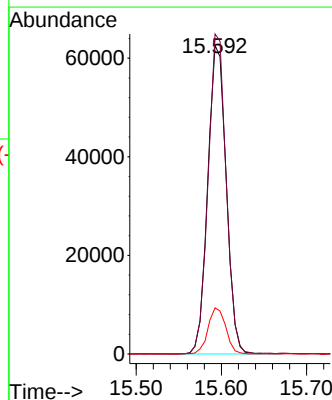
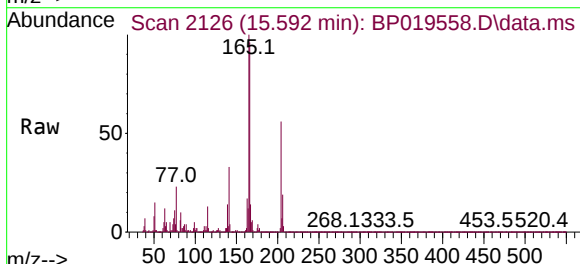


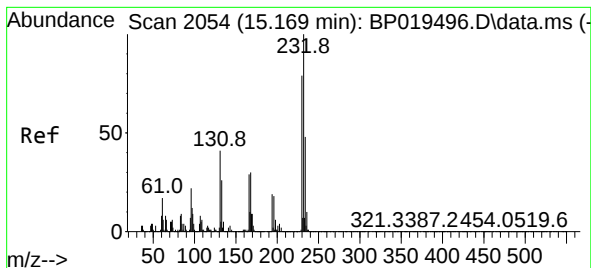
Tgt Ion:165 Resp: 23075
Ion Ratio Lower Upper
165 100
63 50.5 36.9 55.3
89 77.7 61.1 91.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 6.568 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:166 Resp: 94312
Ion Ratio Lower Upper
166 100
165 103.7 77.8 116.8
167 14.9 10.7 16.1

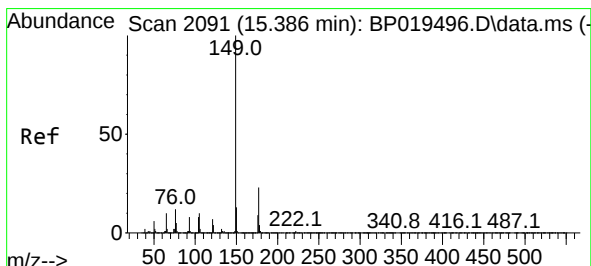
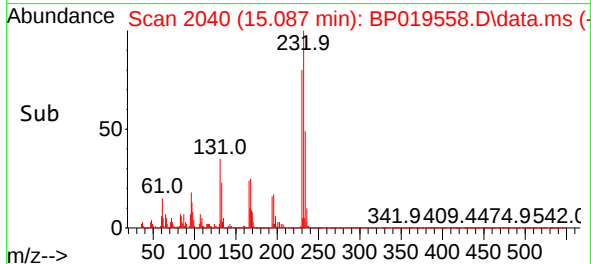
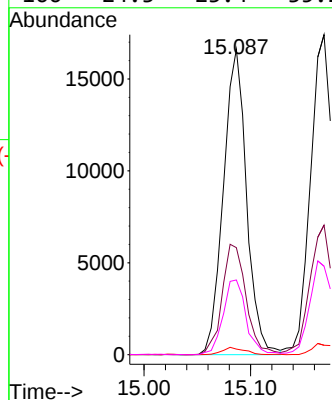
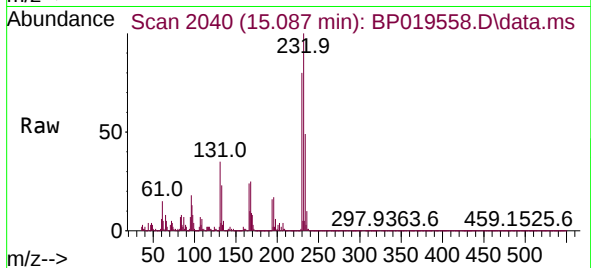




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.997 ng
RT: 15.087 min Scan# 2040
Delta R.T. -0.082 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

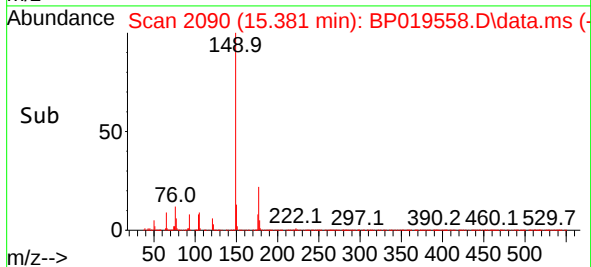
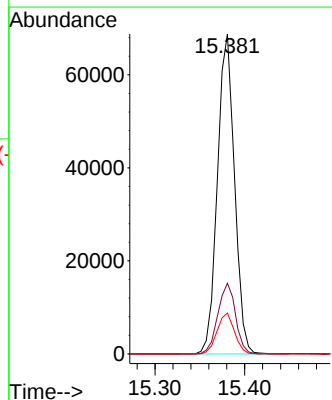
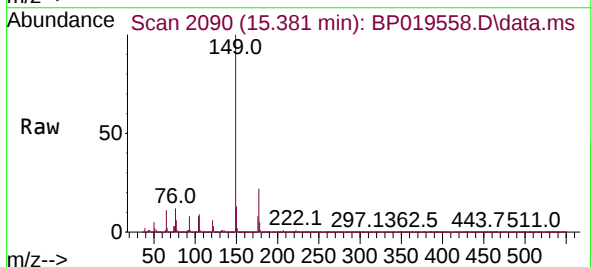
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:232	Resp:	25097
Ion Ratio	Lower	Upper
232	100	
131	37.4	32.4 48.6
130	2.3	1.9 2.9
166	24.3	23.4 35.2



#60
Diethylphthalate
Concen: 6.153 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:149	Resp:	90895
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.2 27.2
150	12.8	10.2 15.4

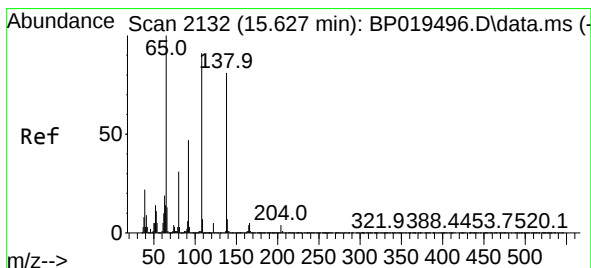
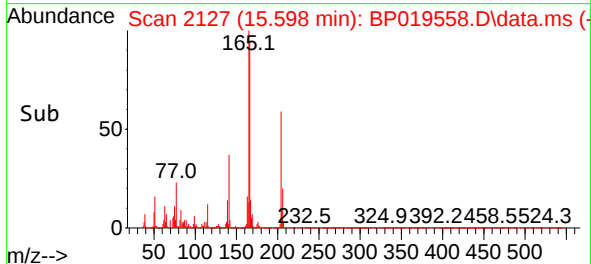
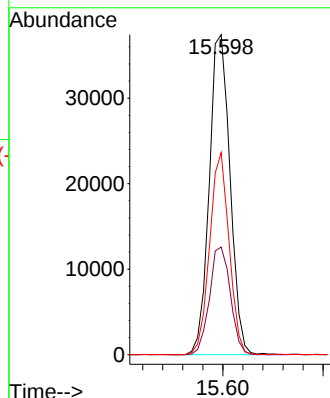
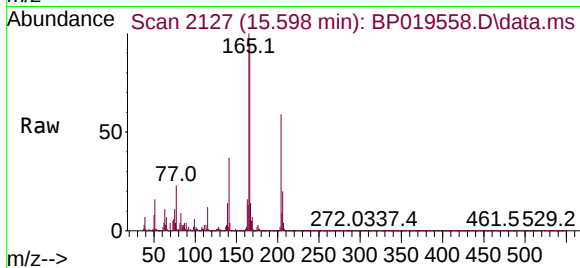




#61
4-Chlorophenyl-phenylether
Concen: 6.684 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

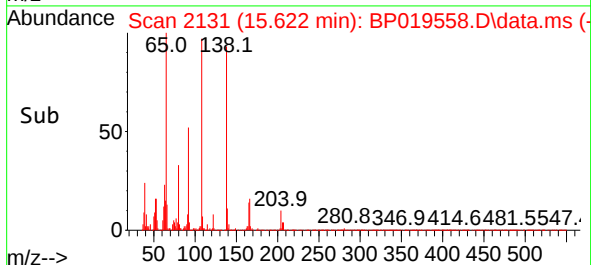
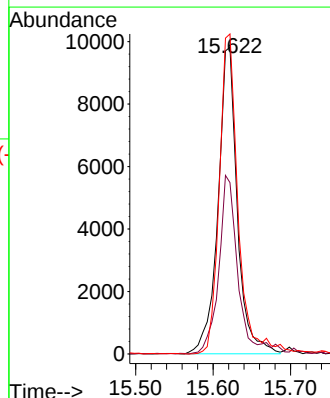
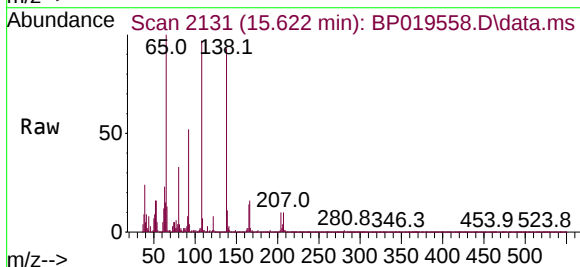
Instrument :
BNA_P
ClientSampleId :

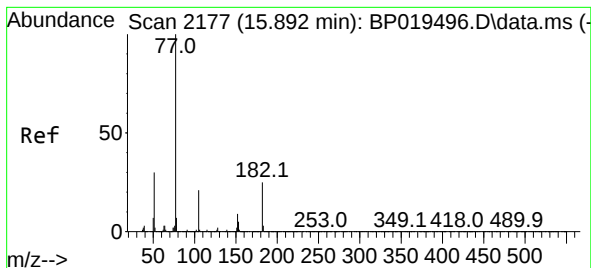
Tgt Ion:204 Resp: 53939
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 63.2 48.5 72.7



#62
4-Nitroaniline
Concen: 5.434 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:138 Resp: 17080
Ion Ratio Lower Upper
138 100
92 55.9 38.3 78.3
108 104.3 91.2 131.2





#63

Azobenzene

Concen: 6.325 ng

RT: 15.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 77 Resp: 90355

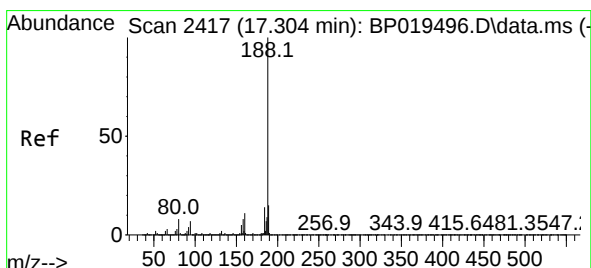
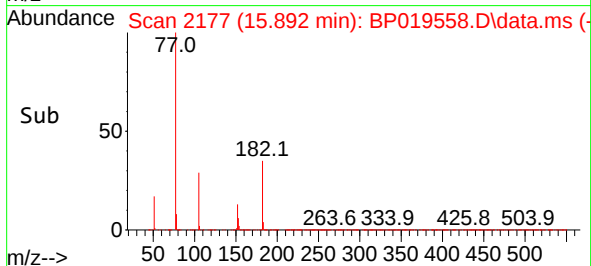
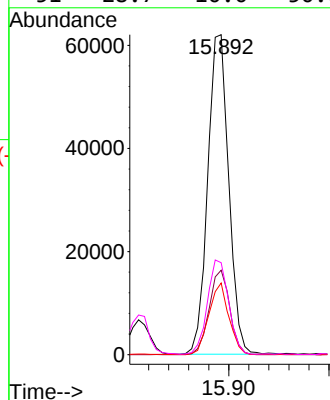
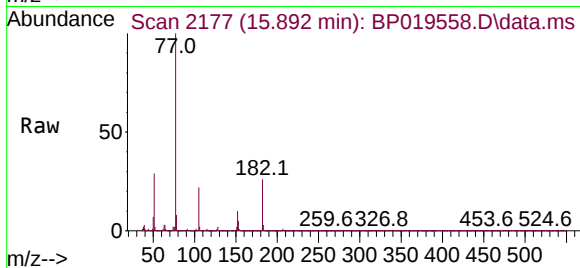
Ion Ratio Lower Upper

77 100

182 26.4 5.1 45.1

105 22.4 0.8 40.8

51 28.7 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

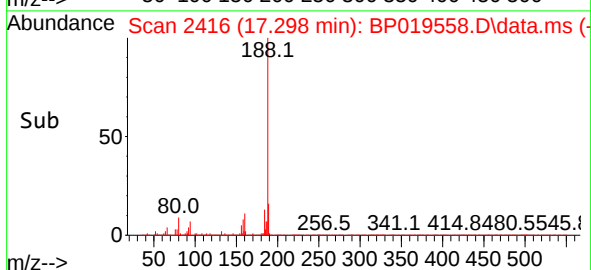
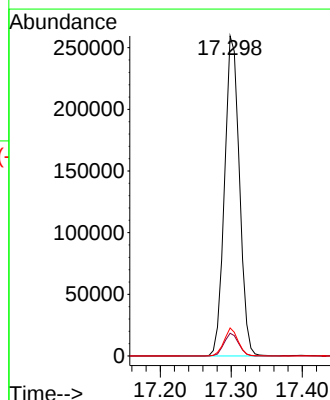
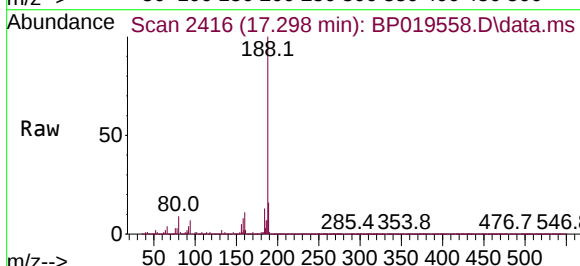
Tgt Ion: 188 Resp: 375864

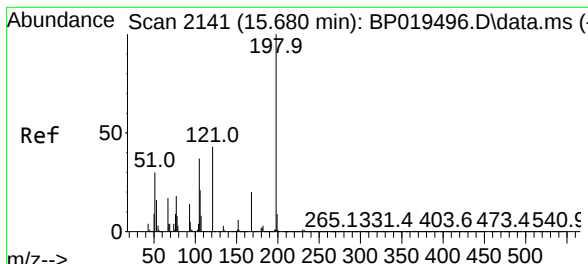
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.8 6.3 9.5

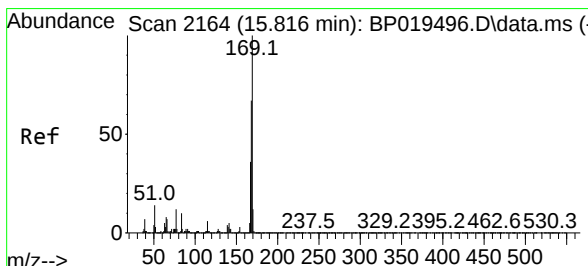
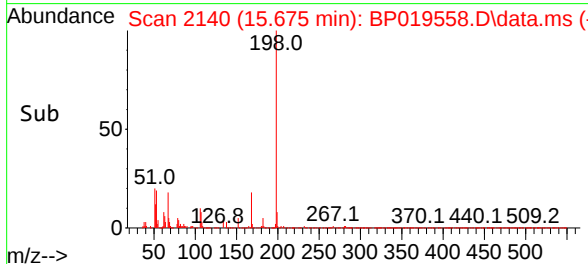
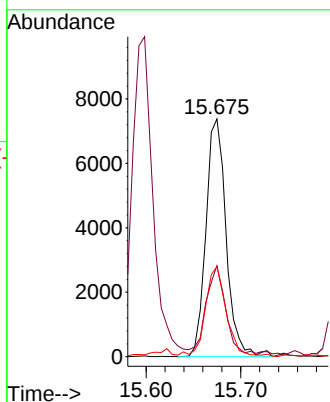
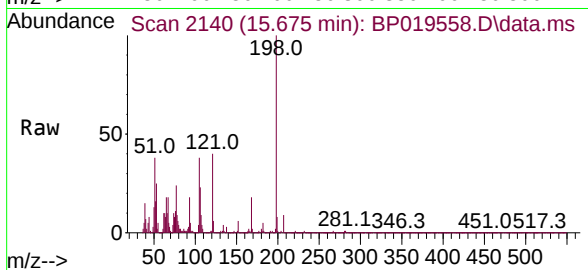




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.107 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019558.D
 Acq: 05 Feb 2024 13:14

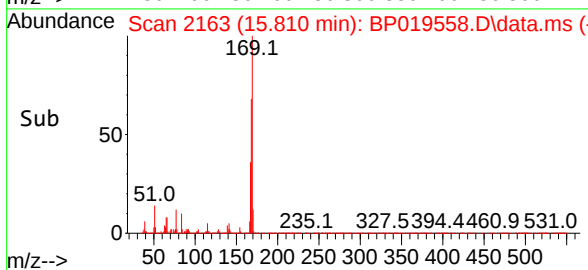
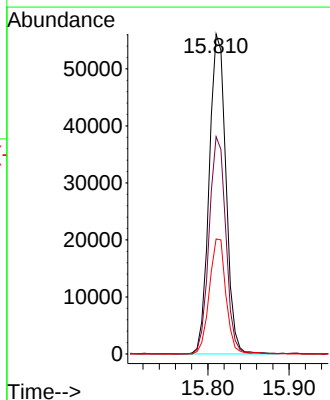
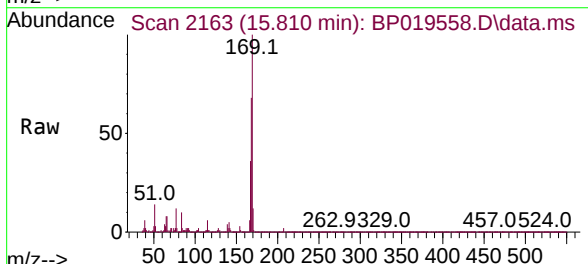
Instrument :
 BNA_P
 ClientSampleId :

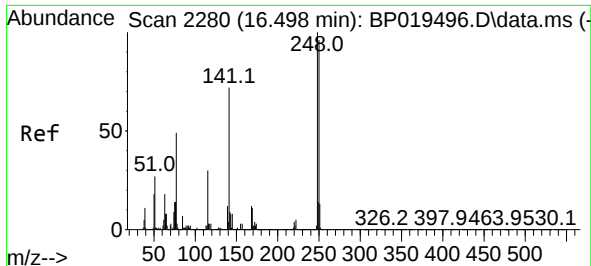
Tgt Ion:	198	Resp:	10945
Ion	Ratio	Lower	Upper
198	100		
51	38.2	21.2	61.2
105	37.9	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 7.114 ng
 RT: 15.810 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: BP019558.D
 Acq: 05 Feb 2024 13:14

Tgt Ion:	169	Resp:	80075
Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.4	80.2
167	36.0	28.9	43.3

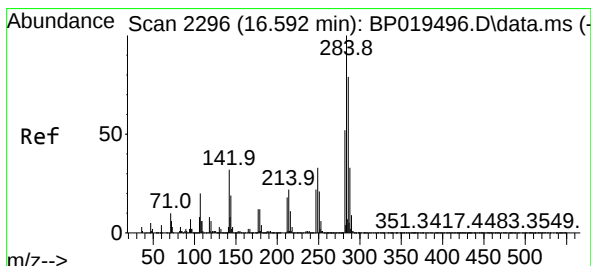
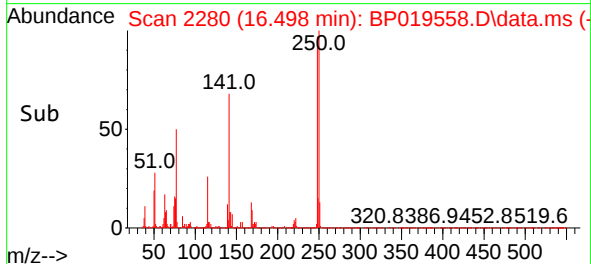
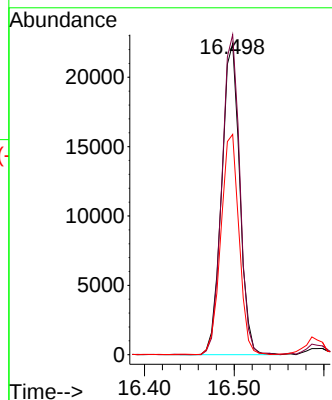
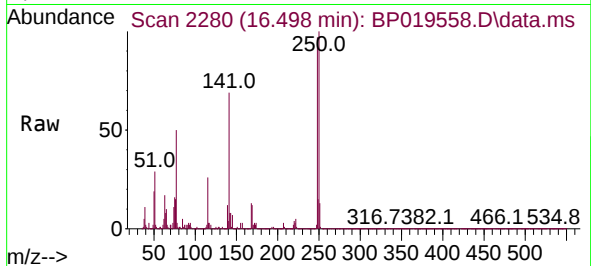




#67
4-Bromophenyl-phenylether
Concen: 6.671 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

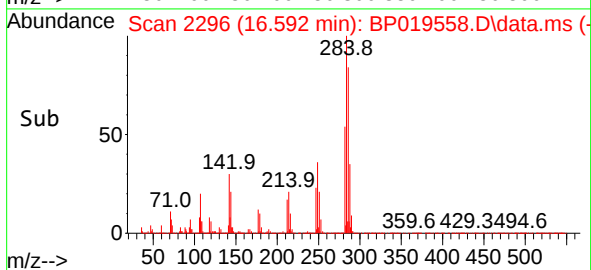
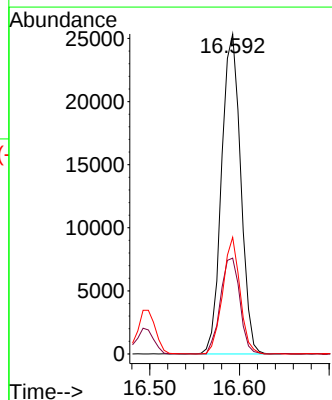
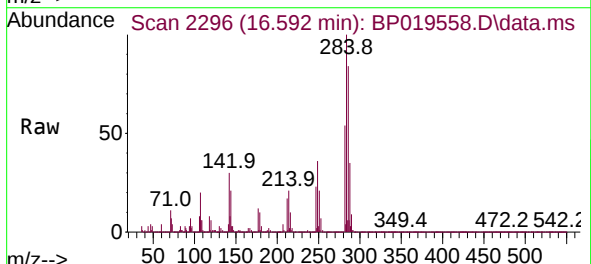
Instrument :
BNA_P
ClientSampleId :

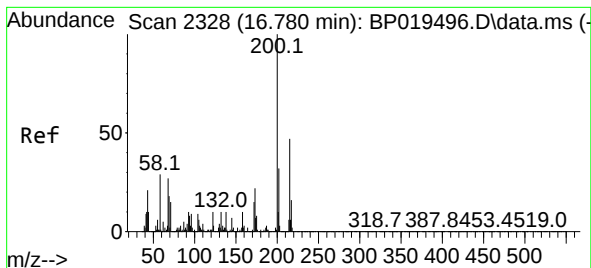
Tgt Ion:248 Resp: 31347
Ion Ratio Lower Upper
248 100
250 102.9 76.9 115.3
141 70.8 58.0 87.0



#68
Hexachlorobenzene
Concen: 6.829 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:284 Resp: 37470
Ion Ratio Lower Upper
284 100
142 30.0 25.4 38.2
249 36.4 26.5 39.7





#69

Atrazine

Concen: 7.291 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

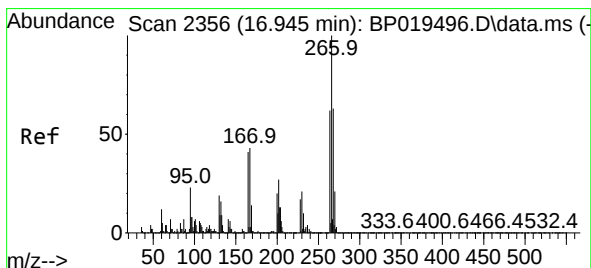
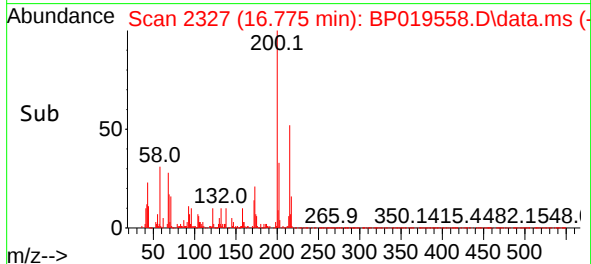
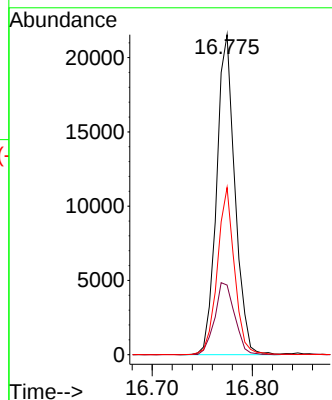
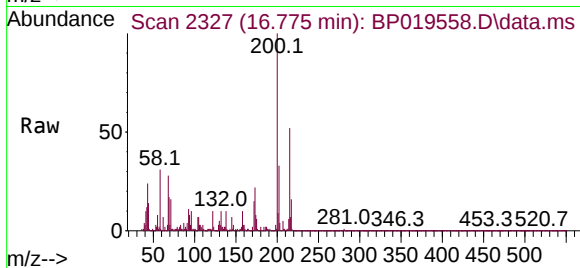
Tgt Ion:200 Resp: 27234

Ion Ratio Lower Upper

200 100

173 21.8 1.7 41.7

215 52.3 26.9 66.9



#70

Pentachlorophenol

Concen: 5.001 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

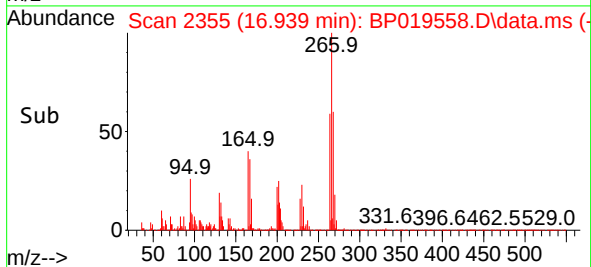
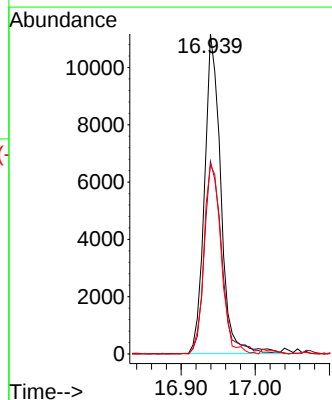
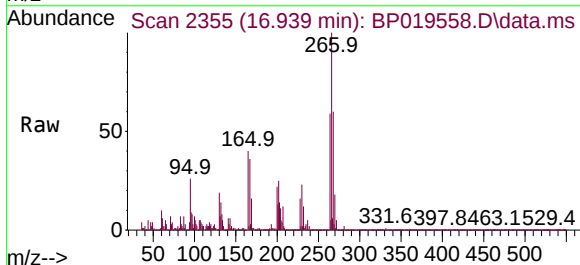
Tgt Ion:266 Resp: 17088

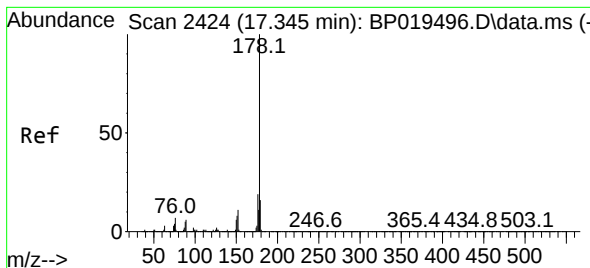
Ion Ratio Lower Upper

266 100

268 60.2 50.3 75.5

264 59.0 49.7 74.5





#71

Phenanthrene

Concen: 7.052 ng

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

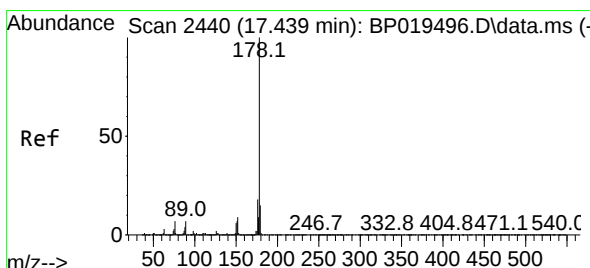
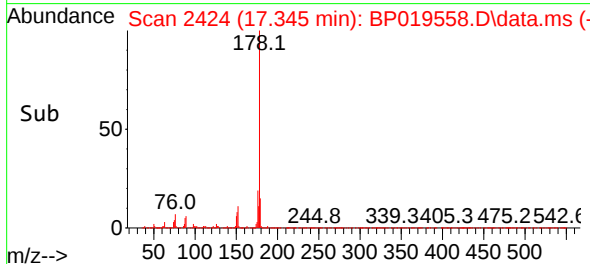
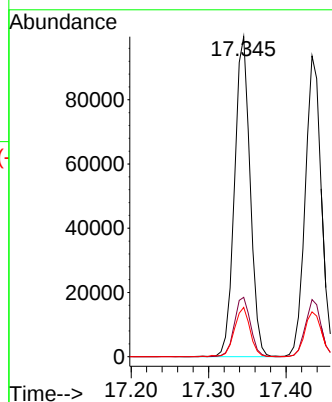
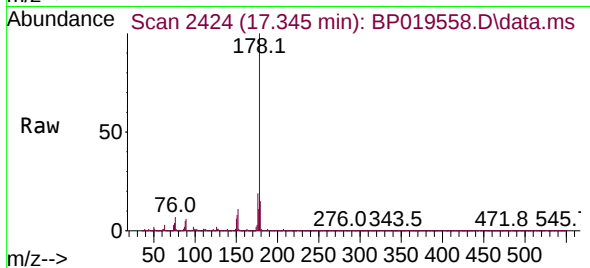
Tgt Ion:178 Resp: 139485

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

179 15.4 12.6 19.0



#72

Anthracene

Concen: 6.877 ng

RT: 17.434 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

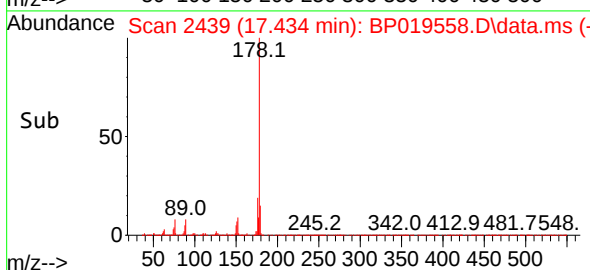
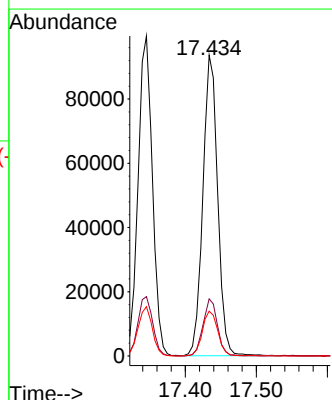
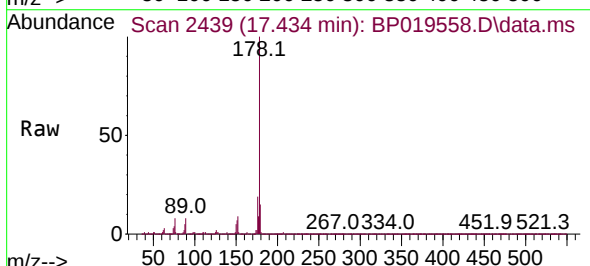
Tgt Ion:178 Resp: 135696

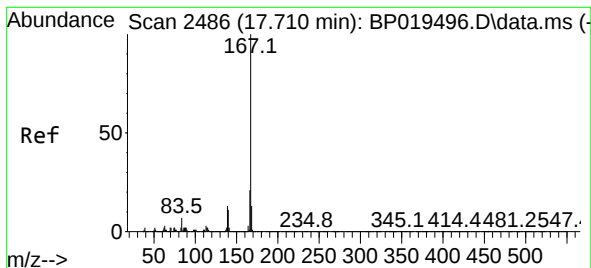
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 14.9 12.2 18.2





#73

Carbazole

Concen: 6.185 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

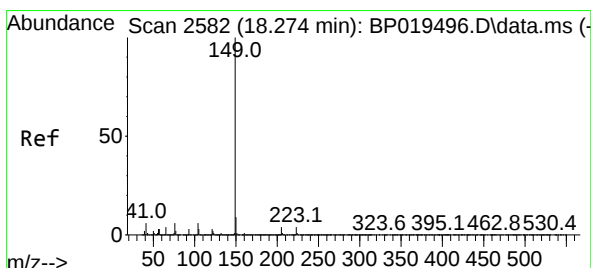
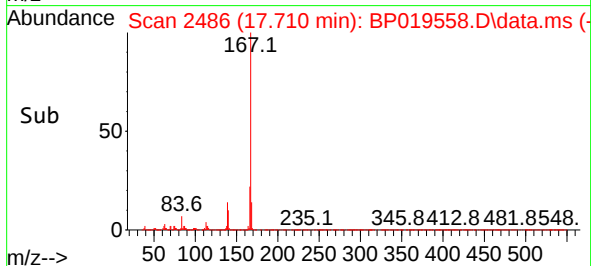
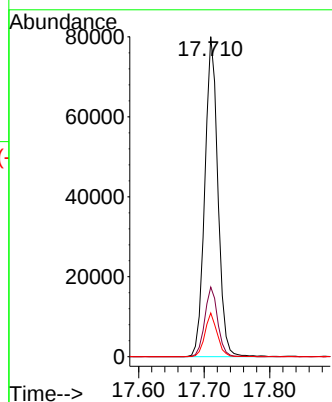
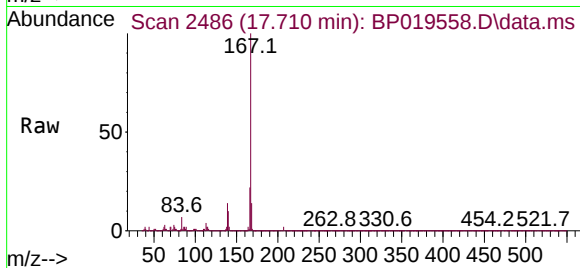
Tgt Ion:167 Resp: 110862

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 5.423 ng

RT: 18.275 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

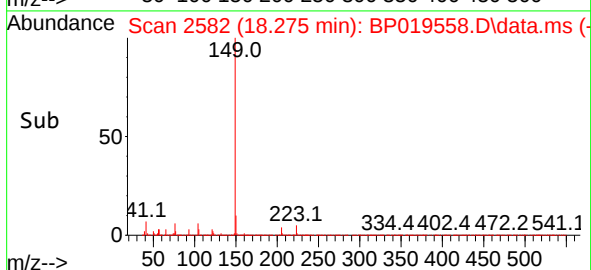
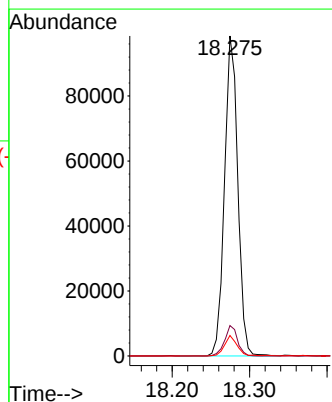
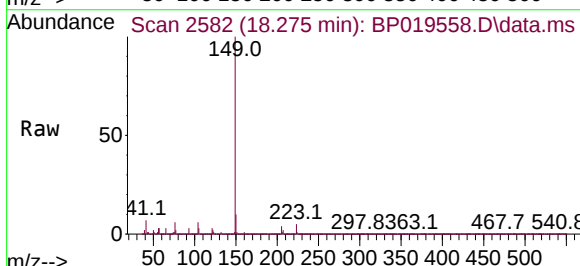
Tgt Ion:149 Resp: 117542

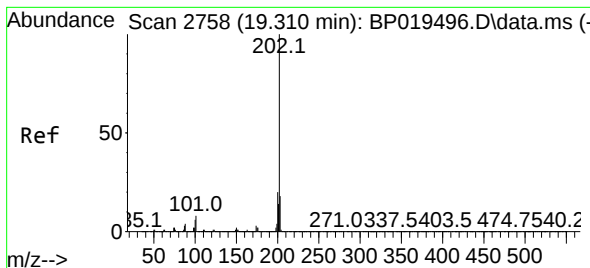
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 6.4 4.8 7.2





#75

Fluoranthene

Concen: 6.048 ng

RT: 19.310 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

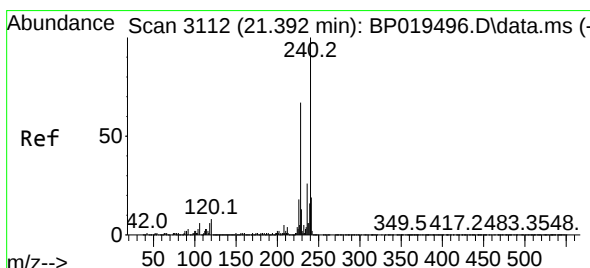
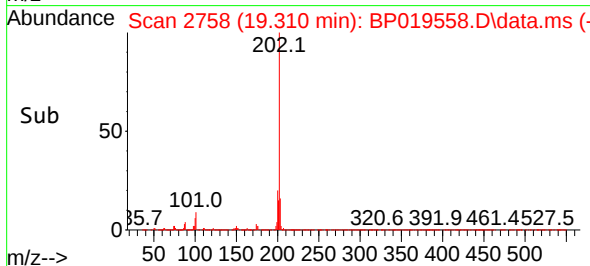
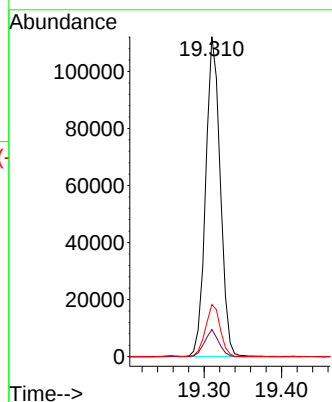
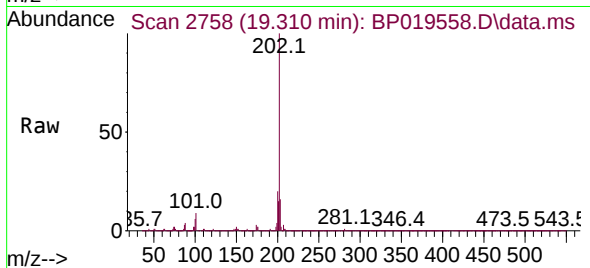
Tgt Ion:202 Resp: 146147

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.7

203 16.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

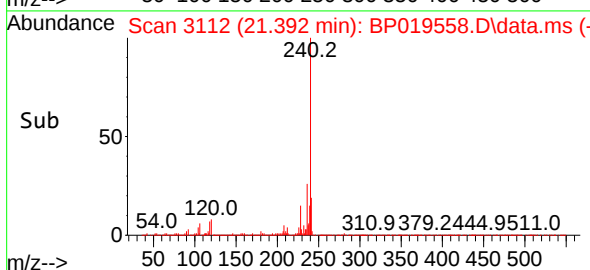
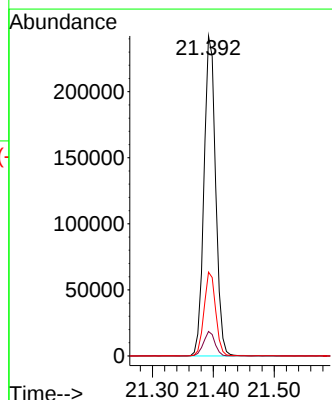
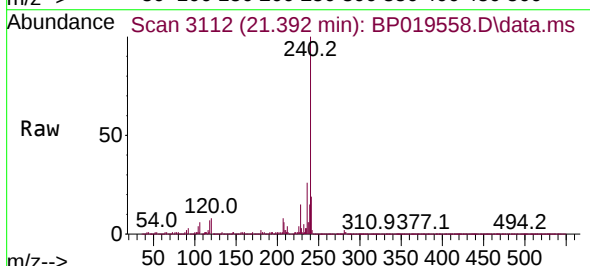
Tgt Ion:240 Resp: 321956

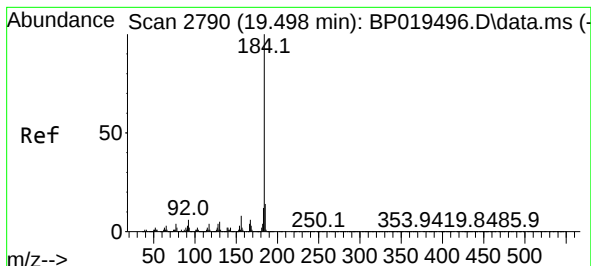
Ion Ratio Lower Upper

240 100

120 7.6 6.1 9.1

236 26.2 20.7 31.1





#77

Benzidine

Concen: 9.984 ng

RT: 19.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

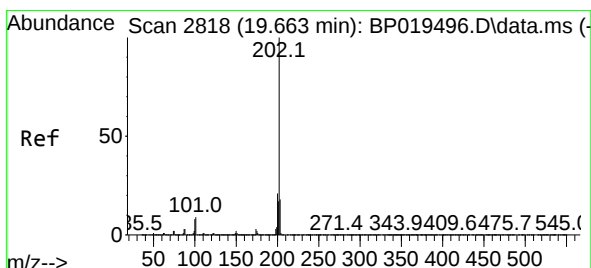
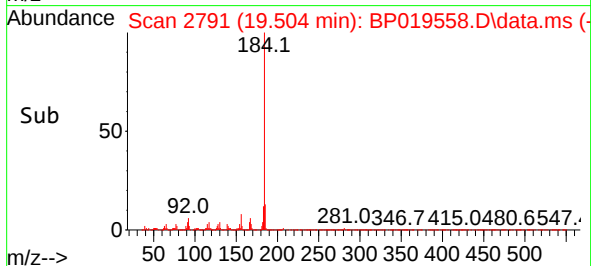
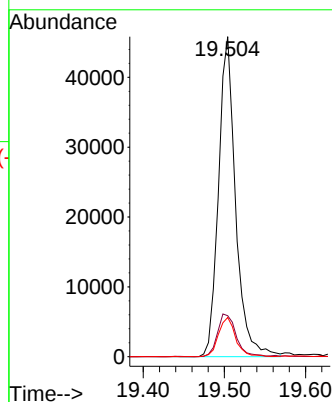
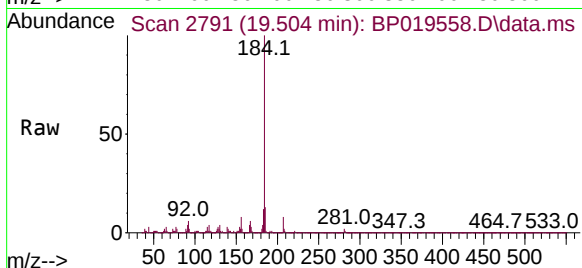
Tgt Ion:184 Resp: 67205

Ion Ratio Lower Upper

184 100

185 12.8 11.1 16.7

183 12.2 9.7 14.5



#78

Pyrene

Concen: 6.715 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

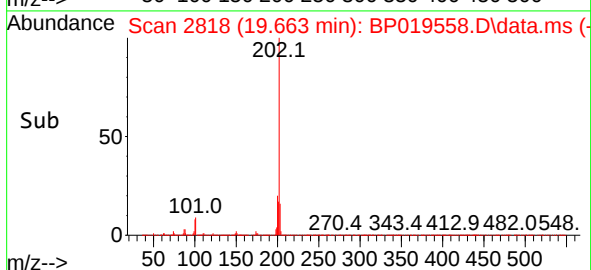
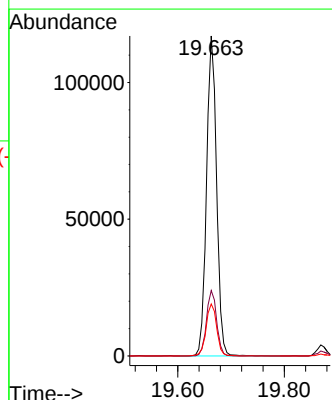
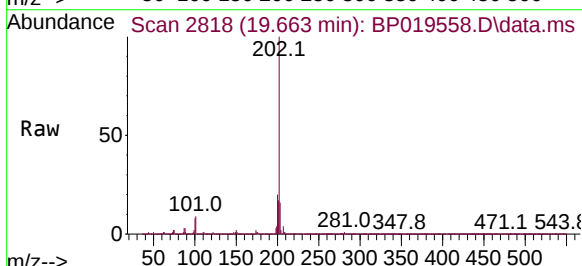
Tgt Ion:202 Resp: 152580

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 16.3 14.2 21.2





#79

Terphenyl-d14

Concen: 66.300 ng

RT: 19.869 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

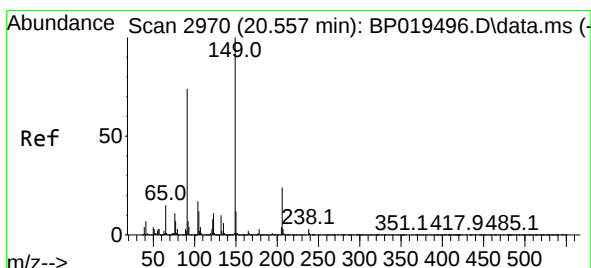
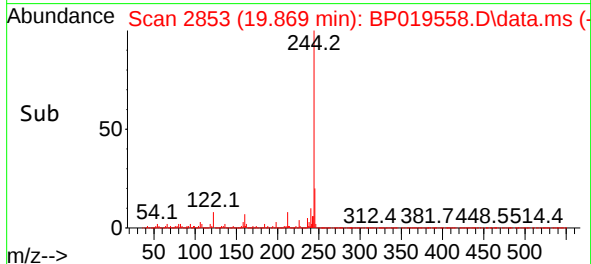
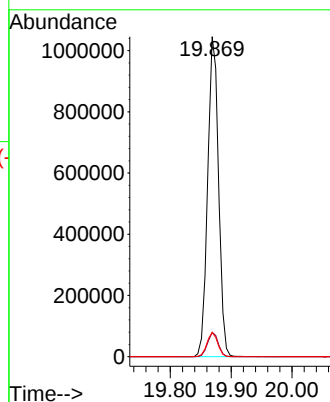
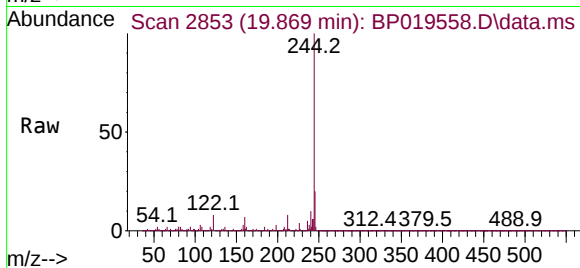
Tgt Ion:244 Resp: 1297971

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 7.6 5.9 8.9



#80

Butylbenzylphthalate

Concen: 5.127 ng

RT: 20.557 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

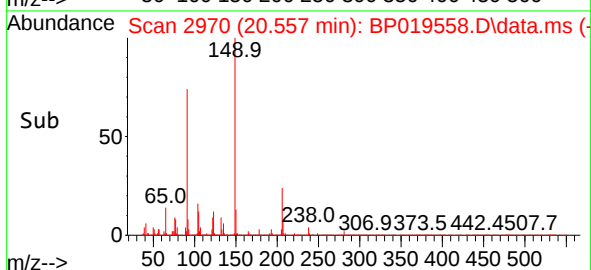
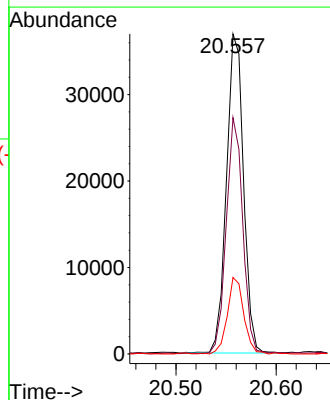
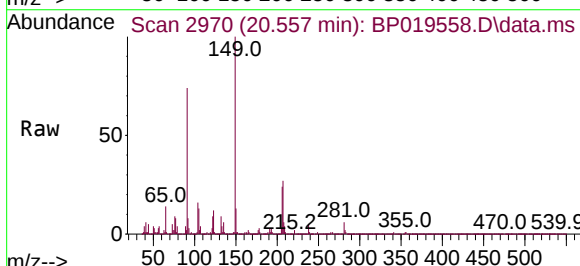
Tgt Ion:149 Resp: 43508

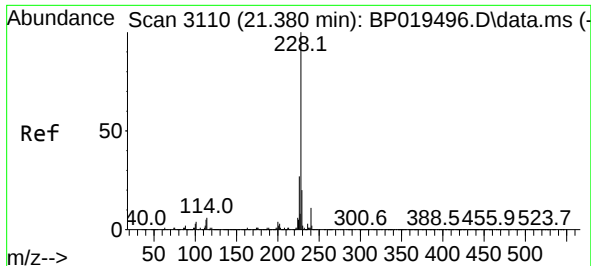
Ion Ratio Lower Upper

149 100

91 73.8 59.4 89.0

206 23.9 19.0 28.6

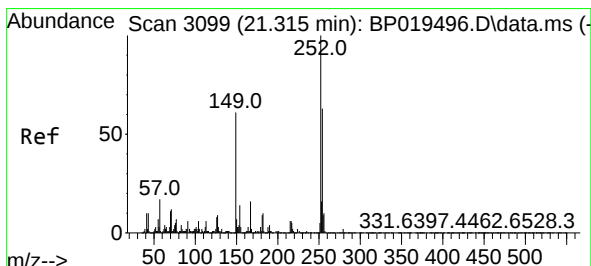
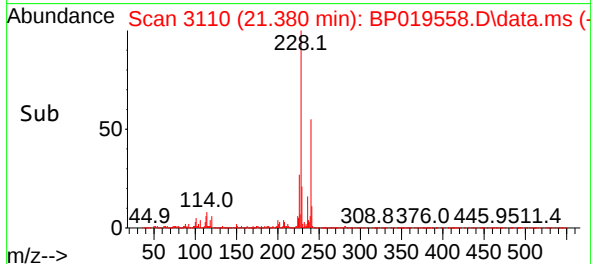
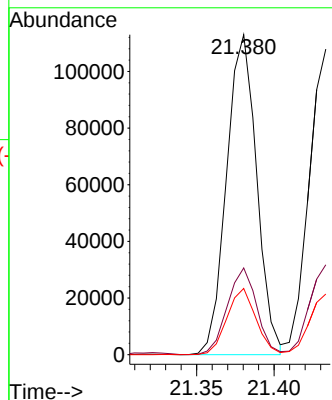
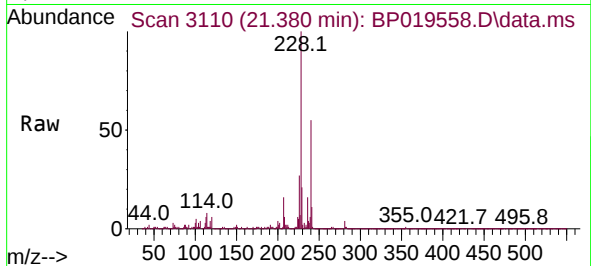




#81
Benzo(a)anthracene
Concen: 6.732 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

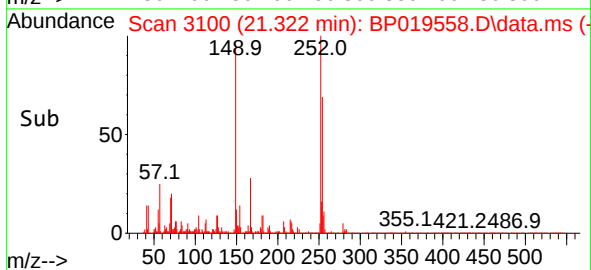
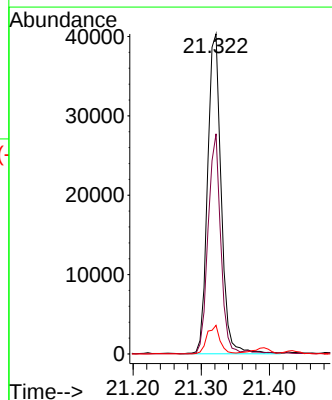
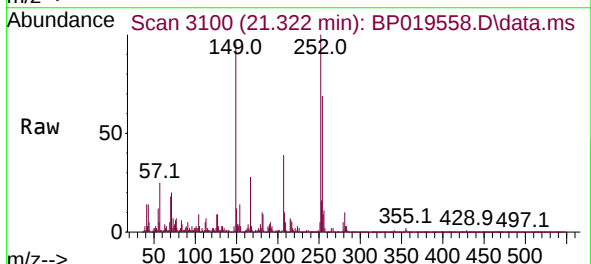
Instrument :
BNA_P
ClientSampleId :

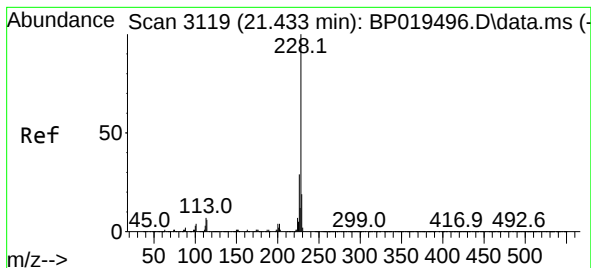
Tgt Ion:228 Resp: 152579
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 20.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 6.763 ng
RT: 21.322 min Scan# 3100
Delta R.T. 0.006 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:252 Resp: 55851
Ion Ratio Lower Upper
252 100
254 68.8 50.7 76.1
126 9.0 6.4 9.6





#83

Chrysene

Concen: 6.733 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNP

ClientSampleId :

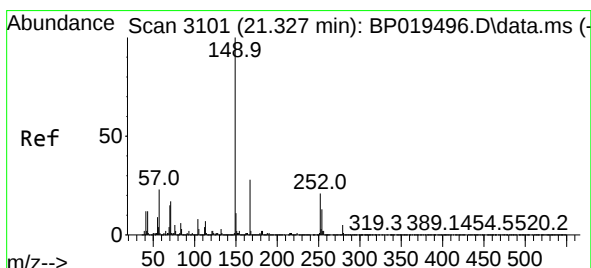
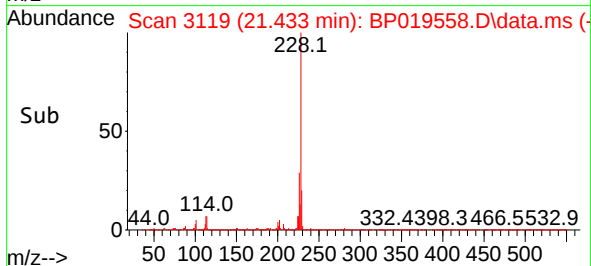
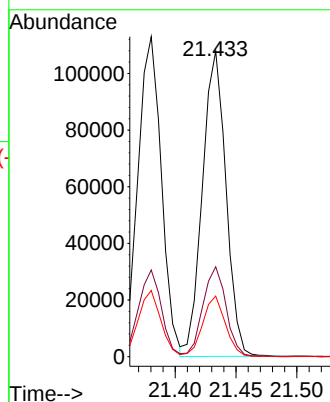
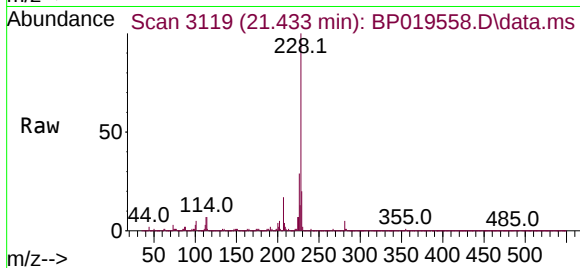
Tgt Ion:228 Resp: 144875

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.025 ng

RT: 21.327 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

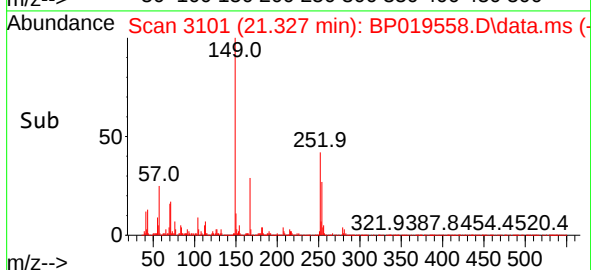
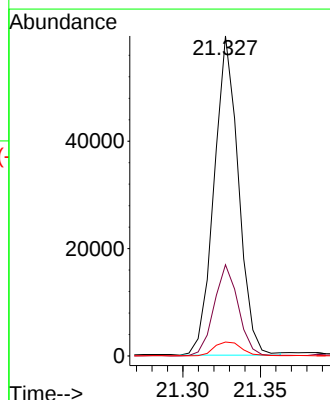
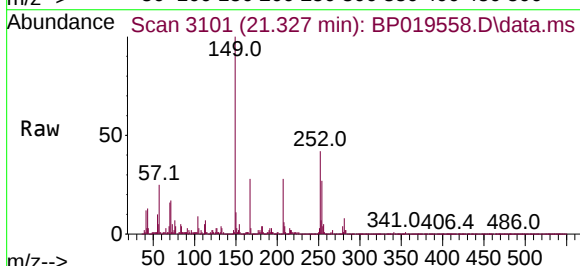
Tgt Ion:149 Resp: 64928

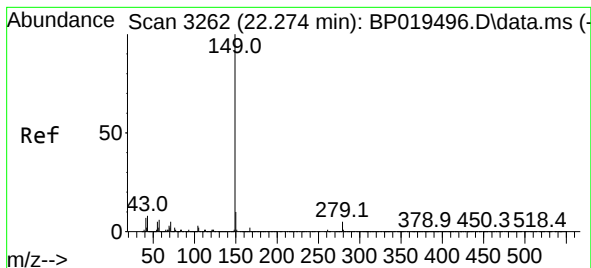
Ion Ratio Lower Upper

149 100

167 28.5 22.7 34.1

279 4.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 4.981 ng

RT: 22.274 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

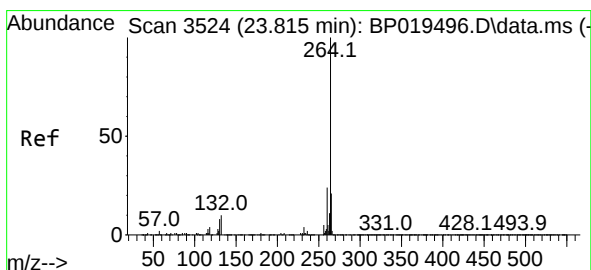
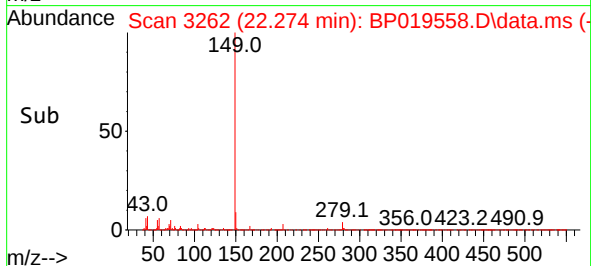
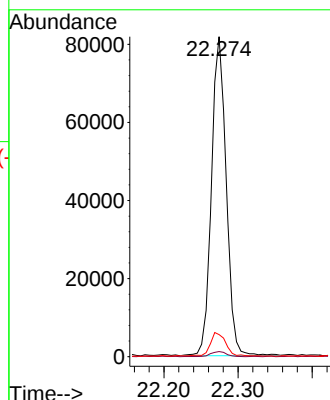
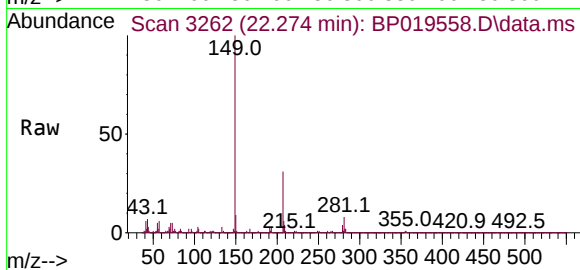
Tgt Ion:149 Resp: 113228

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.9 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

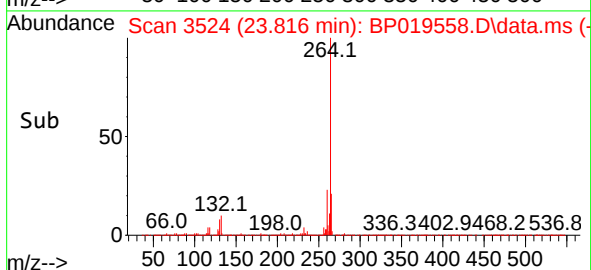
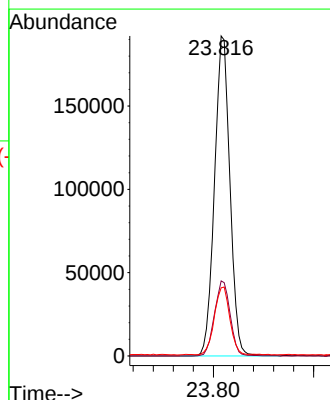
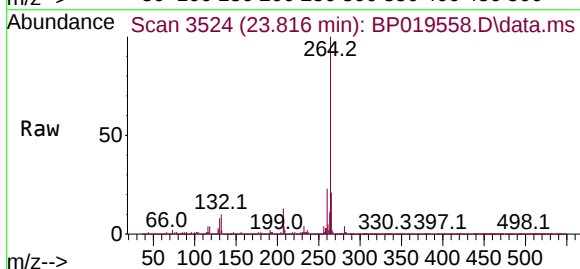
Tgt Ion:264 Resp: 408984

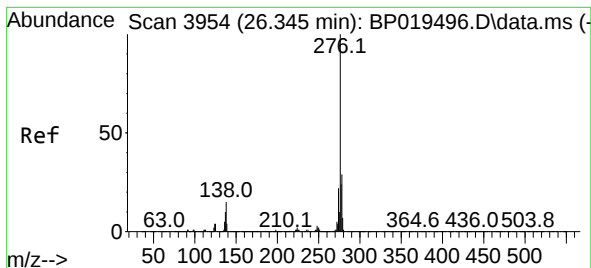
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.918 ng

RT: 26.339 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

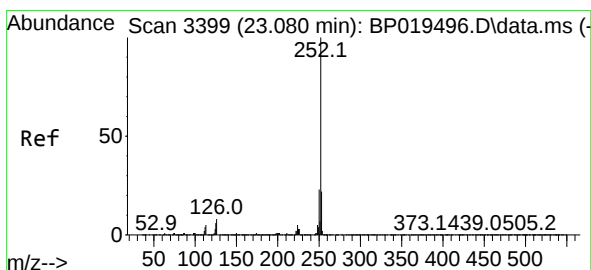
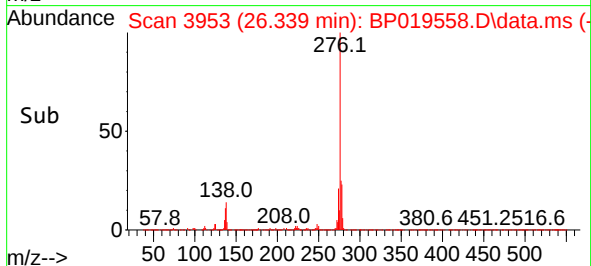
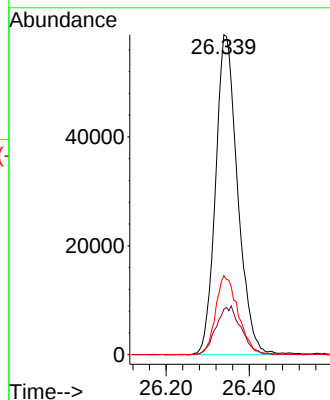
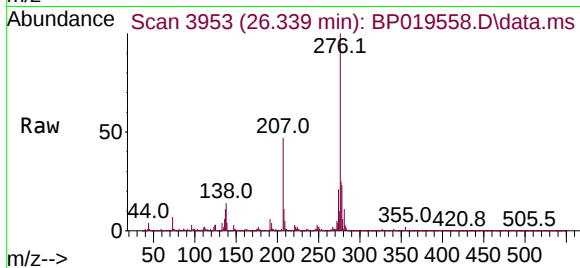
Tgt Ion:276 Resp: 216580

Ion Ratio Lower Upper

276 100

138 17.1 13.1 19.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 6.007 ng

RT: 23.127 min Scan# 3407

Delta R.T. 0.047 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

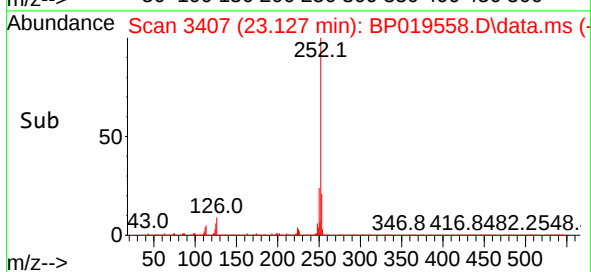
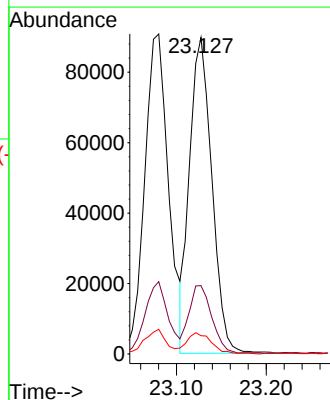
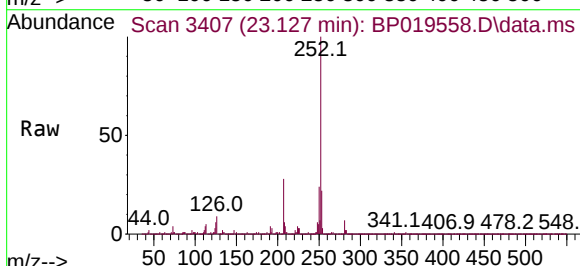
Tgt Ion:252 Resp: 154828

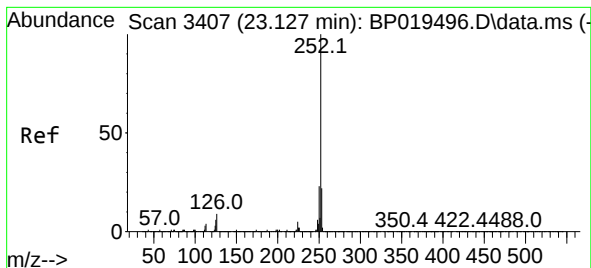
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 5.8 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 6.288 ng

RT: 23.127 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

Instrument :

BNA_P

ClientSampleId :

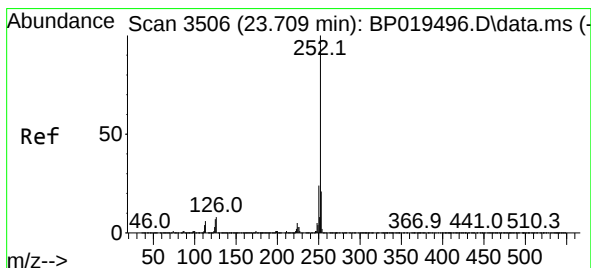
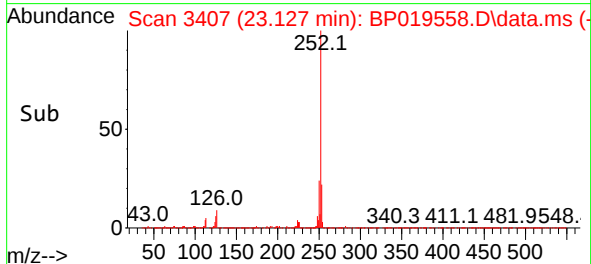
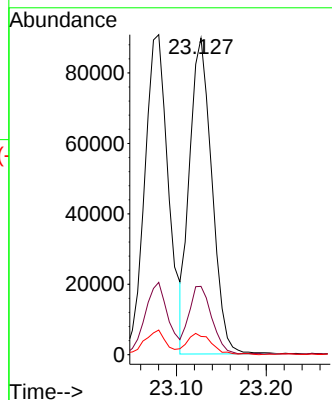
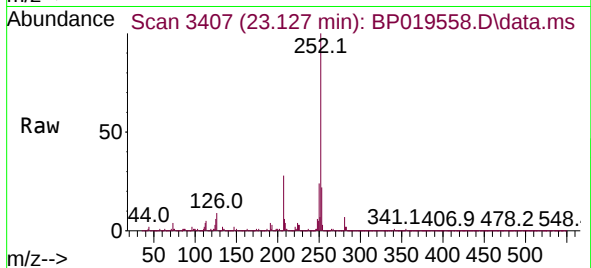
Tgt Ion:252 Resp: 154828

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 5.8 5.0 7.6



#90

Benzo(a)pyrene

Concen: 6.471 ng

RT: 23.710 min Scan# 3506

Delta R.T. 0.000 min

Lab File: BP019558.D

Acq: 05 Feb 2024 13:14

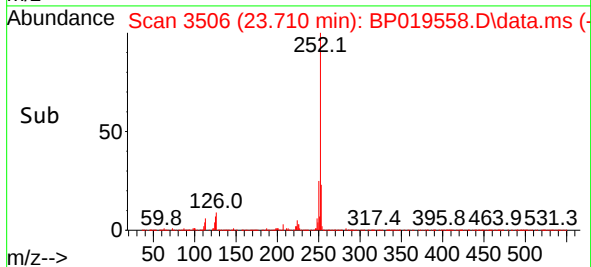
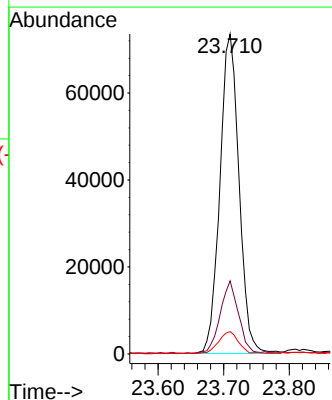
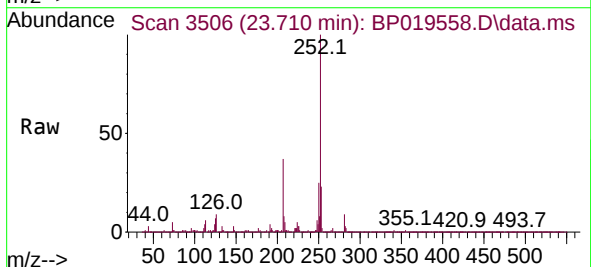
Tgt Ion:252 Resp: 148412

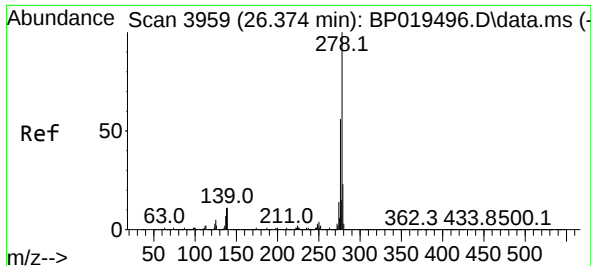
Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 7.0 5.6 8.4

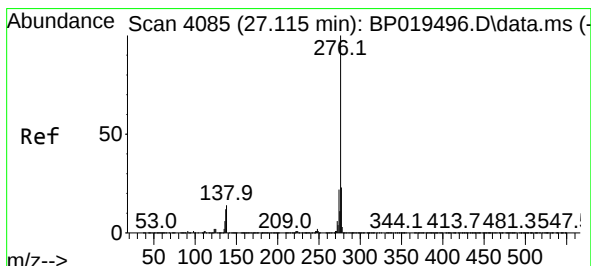
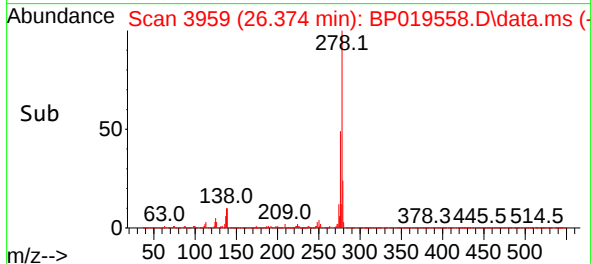
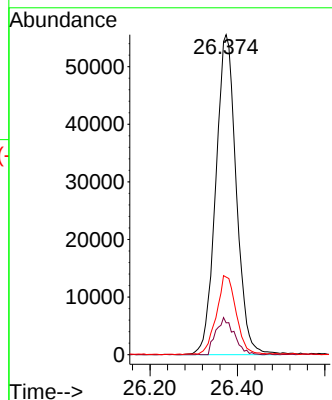
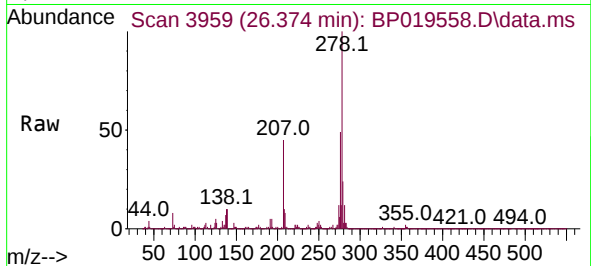




#91
Dibenzo(a,h)anthracene
Concen: 6.998 ng
RT: 26.374 min Scan# 3959
Delta R.T. 0.000 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 180189
Ion Ratio Lower Upper
278 100
139 9.9 8.6 12.8
279 24.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 6.716 ng
RT: 27.115 min Scan# 4085
Delta R.T. 0.000 min
Lab File: BP019558.D
Acq: 05 Feb 2024 13:14

Tgt Ion:276 Resp: 175432
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 13.1 10.9 16.3

