

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019847.D
 Acq On : 23 Feb 2024 17:14
 Operator : MA/JU
 Sample : P1537-11MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11MSD

Quant Time: Feb 23 17:55:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	77539	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	282390	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	190422	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	422186	20.000	ng	0.00
76) Chrysene-d12	21.416	240	444562	20.000	ng	-0.01
86) Perylene-d12	23.851	264	535994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	427155	88.799	ng	0.00
7) Phenol-d6	7.081	99	560158	86.363	ng	0.00
23) Nitrobenzene-d5	9.075	82	386381	59.288	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	324980	116.887	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	874784	56.791	ng	0.00
79) Terphenyl-d14	19.881	244	1558123	57.639	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	66330	35.790	ng	98
3) Pyridine	3.787	79	177714	35.369	ng	99
4) n-Nitrosodimethylamine	3.705	42	90731	41.475	ng	98
6) Aniline	7.240	93	152273	24.161	ng	98
8) 2-Chlorophenol	7.469	128	222503	45.054	ng	99
9) Benzaldehyde	7.058	77	34090	7.496	ng	98
10) Phenol	7.111	94	279504	43.236	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	216642	43.075	ng	97
12) 1,3-Dichlorobenzene	7.787	146	257964	42.688	ng	97
13) 1,4-Dichlorobenzene	7.940	146	265257	43.326	ng	98
14) 1,2-Dichlorobenzene	8.252	146	252552	42.634	ng	98
15) Benzyl Alcohol	8.158	79	226047	43.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	213839	42.518	ng	99
17) 2-Methylphenol	8.358	107	188259	43.256	ng	99
18) Hexachloroethane	8.969	117	90870	38.292	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	180537	40.750	ng	98
20) 3+4-Methylphenols	8.687	107	253394	42.661	ng	99
22) Acetophenone	8.740	105	351390	43.679	ng	# 97
24) Nitrobenzene	9.122	77	271400	41.362	ng	99
25) Isophorone	9.646	82	485227	42.752	ng	98
26) 2-Nitrophenol	9.828	139	115039	45.981	ng	97
27) 2,4-Dimethylphenol	9.893	122	166830	52.148	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	276062	42.990	ng	100
29) 2,4-Dichlorophenol	10.363	162	229169	47.388	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	269286	45.414	ng	99
31) Naphthalene	10.757	128	674741	43.566	ng	99
32) Benzoic acid	10.063	122	155433	49.867	ng	94
33) 4-Chloroaniline	10.881	127	83024	14.495	ng	98
34) Hexachlorobutadiene	11.022	225	198462	45.166	ng	99
35) Caprolactam	11.699	113	66766	48.768	ng	98
36) 4-Chloro-3-methylphenol	12.010	107	248620	47.149	ng	99
37) 2-Methylnaphthalene	12.369	142	473503	44.177	ng	98
38) 1-Methylnaphthalene	12.587	142	450426	42.763	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	336647	45.840	ng	99
41) Hexachlorocyclopentadiene	12.699	237	174250	52.523	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	210804	47.405	ng	99

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 QLast Update : Fri Feb 23 13:10:49 2024
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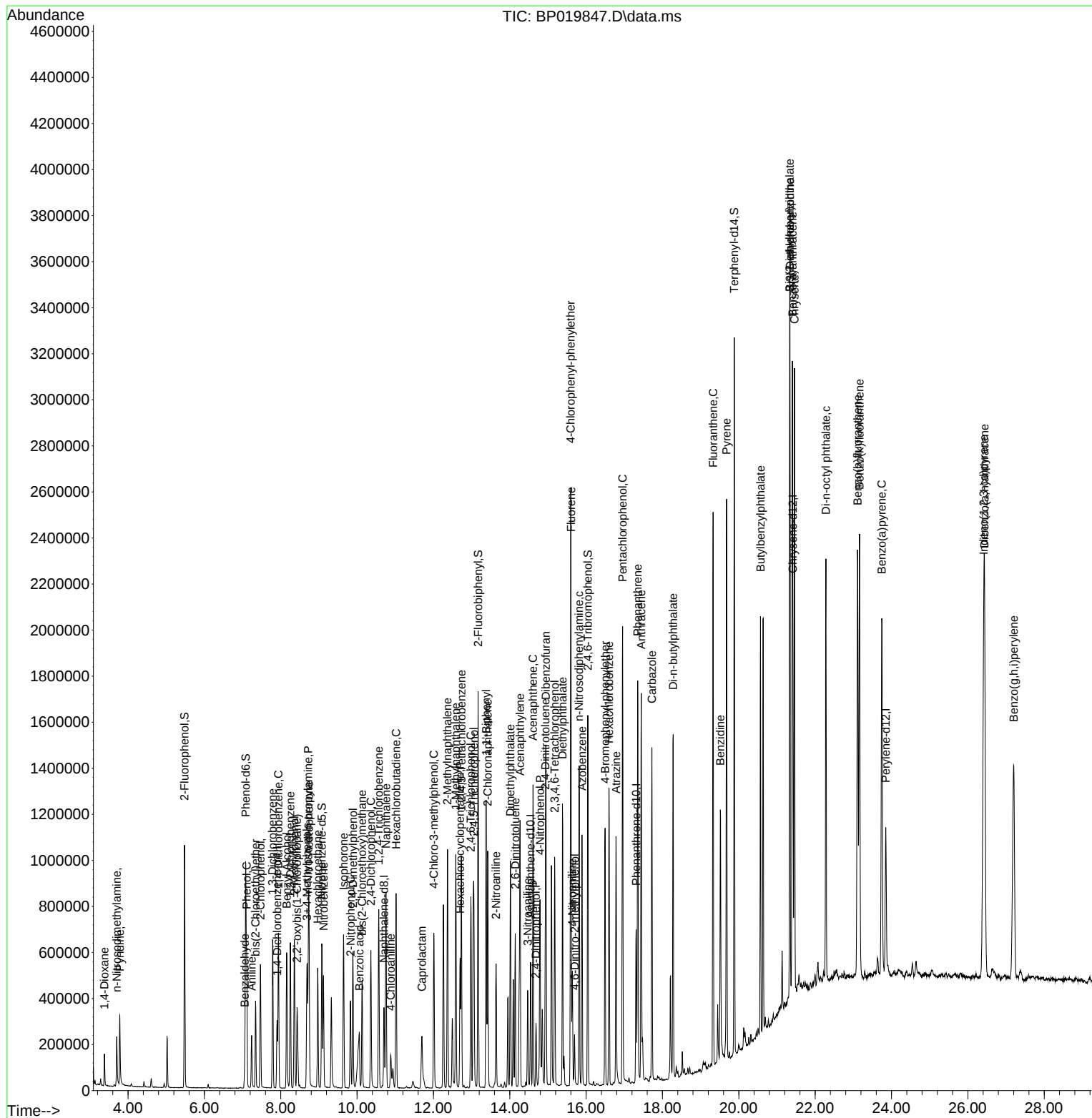
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	230000	47.102	ng	97
46) 1,1'-Biphenyl	13.381	154	643213	42.322	ng	98
47) 2-Chloronaphthalene	13.422	162	515503	41.320	ng	100
48) 2-Nitroaniline	13.640	65	160522	46.014	ng	99
49) Acenaphthylene	14.269	152	826144	47.199	ng	100
50) Dimethylphthalate	14.016	163	651156	44.669	ng	98
51) 2,6-Dinitrotoluene	14.146	165	140687	43.927	ng	92
52) Acenaphthene	14.610	154	463451	42.661	ng	98
53) 3-Nitroaniline	14.469	138	100747	34.229	ng	94
54) 2,4-Dinitrophenol	14.687	184	66974	40.275	ng	98
55) Dibenzofuran	14.945	168	794951	44.929	ng	98
56) 4-Nitrophenol	14.793	139	228514	94.722	ng	96
57) 2,4-Dinitrotoluene	14.934	165	198593	47.318	ng	97
58) Fluorene	15.604	166	637128	45.211	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	218434	53.182	ng	95
60) Diethylphthalate	15.381	149	648431	44.721	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	362524	45.769	ng	95
62) 4-Nitroaniline	15.640	138	129735	42.051	ng	98
63) Azobenzene	15.893	77	599481	42.756	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	50891	21.140	ng	99
66) n-Nitrosodiphenylamine	15.816	169	554828	43.881	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	245705	46.554	ng	95
68) Hexachlorobenzene	16.598	284	285409	46.308	ng	96
69) Atrazine	16.787	200	219902	52.411	ng	94
70) Pentachlorophenol	16.957	266	388205	101.143	ng	98
71) Phenanthrene	17.351	178	1072875	48.288	ng	100
72) Anthracene	17.445	178	1065700	48.083	ng	99
73) Carbazole	17.722	167	925626	45.971	ng	99
74) Di-n-butylphthalate	18.281	149	1101232	45.234	ng	99
75) Fluoranthene	19.328	202	1449510	53.405	ng	99
77) Benzidine	19.516	184	731036	78.654	ng	99
78) Pyrene	19.681	202	1491366	47.533	ng	100
80) Butylbenzylphthalate	20.569	149	505922	43.179	ng	96
81) Benzo(a)anthracene	21.404	228	1529188	48.865	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	522199	45.793	ng	98
83) Chrysene	21.457	228	1419551	47.779	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	747028	41.869	ng	99
85) Di-n-octyl phthalate	22.280	149	1339072	42.657	ng	100
87) Indeno(1,2,3-cd)pyrene	26.415	276	1911715	46.595	ng	97
88) Benzo(b)fluoranthene	23.110	252	1582989	46.860	ng	98
89) Benzo(k)fluoranthene	23.163	252	1510820	46.820	ng	98
90) Benzo(a)pyrene	23.745	252	1446327	48.119	ng	98
91) Dibenzo(a,h)anthracene	26.439	278	1532542	45.417	ng	99
92) Benzo(g,h,i)perylene	27.204	276	1496428	43.712	ng	97

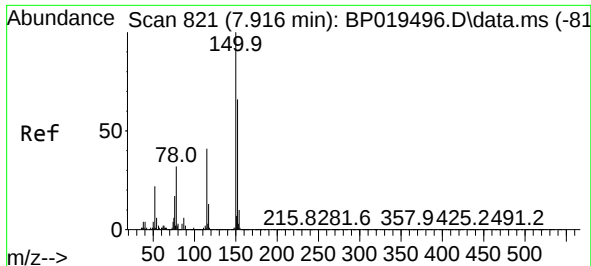
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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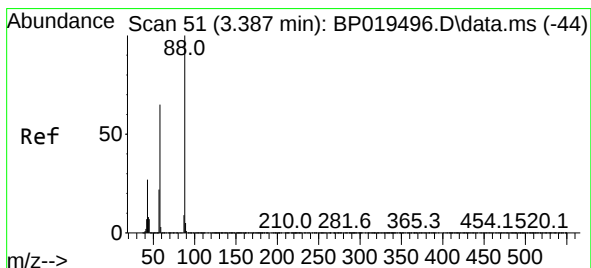
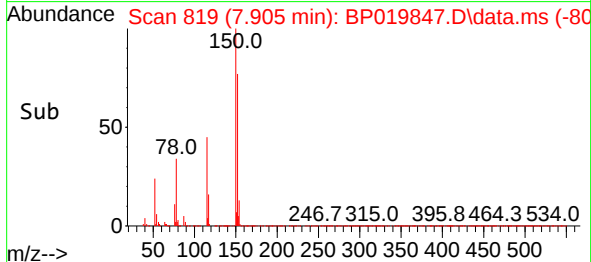
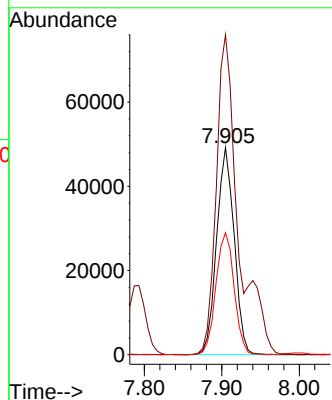
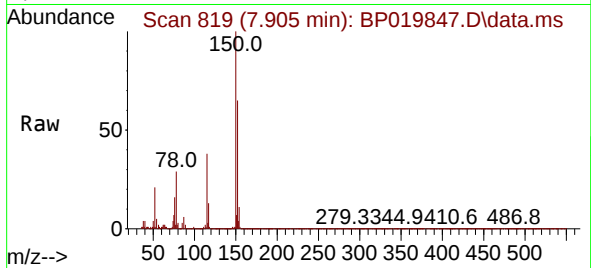




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

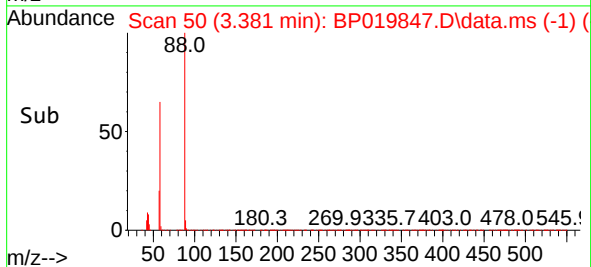
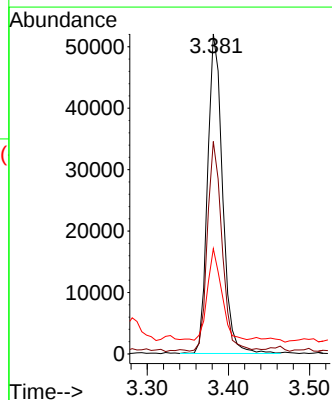
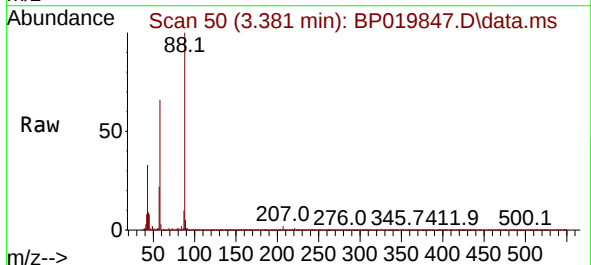
Instrument :
BNA_P
ClientSampleId :
11MSD

Tgt Ion:152 Resp: 77539
Ion Ratio Lower Upper
152 100
150 154.5 121.8 182.8
115 58.9 49.9 74.9



#2
1,4-Dioxane
Concen: 35.790 ng
RT: 3.381 min Scan# 50
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 88 Resp: 66330
Ion Ratio Lower Upper
88 100
58 64.3 52.6 78.8
43 26.3 21.9 32.9

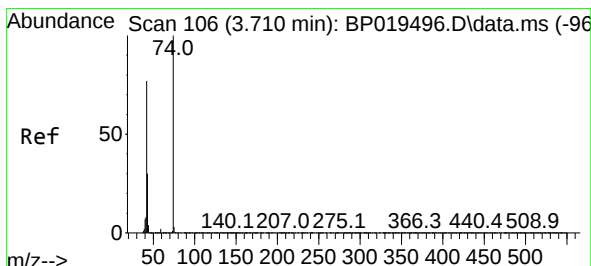
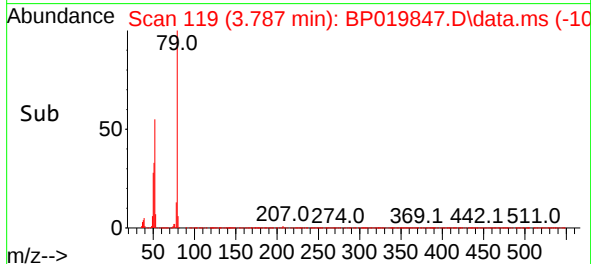
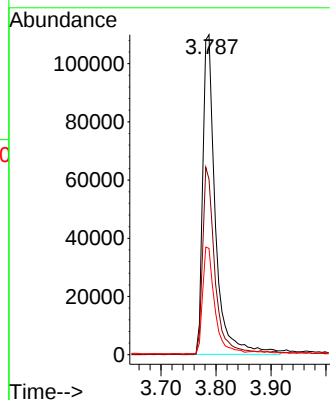
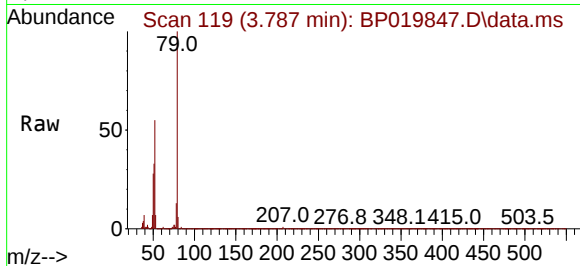




#3
Pyridine
Concen: 35.369 ng
RT: 3.787 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

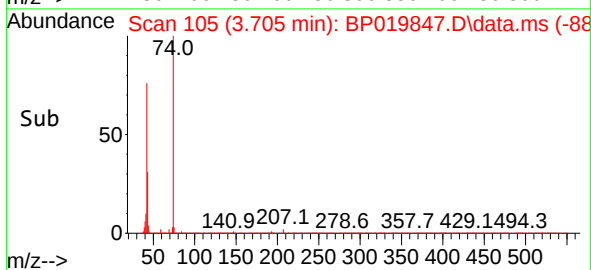
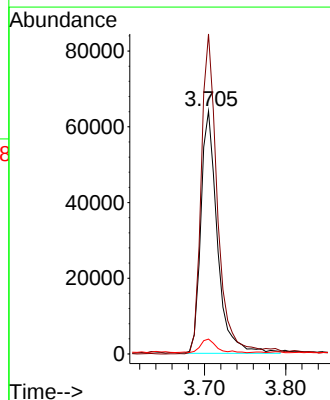
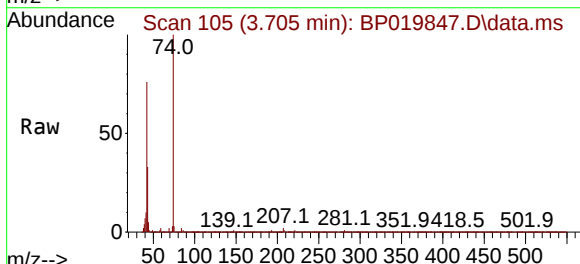
Instrument :
BNA_P
ClientSampleId :
11MSD

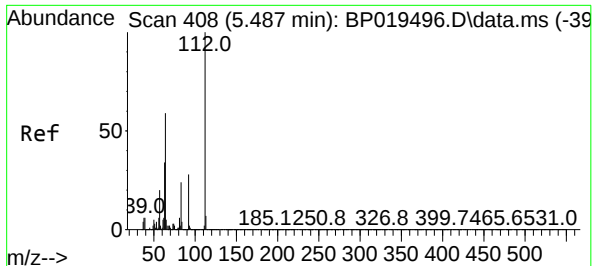
Tgt Ion: 79 Resp: 177714
Ion Ratio Lower Upper
79 100
52 54.9 45.0 67.6
51 33.2 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.475 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 42 Resp: 90731
Ion Ratio Lower Upper
42 100
74 131.7 103.4 155.2
44 6.1 4.8 7.2

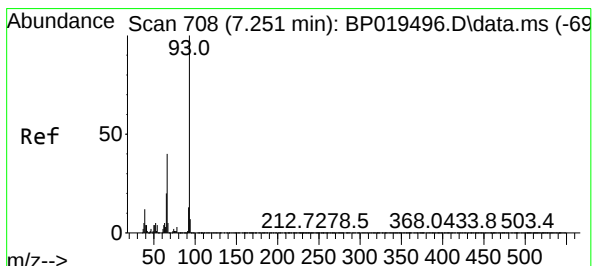
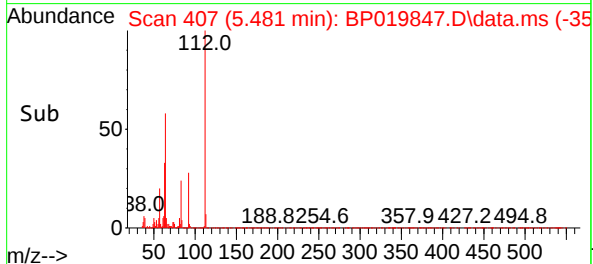
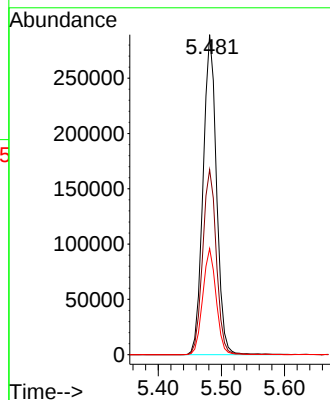
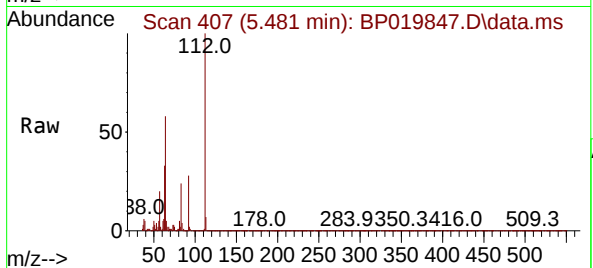




#5
2-Fluorophenol
Concen: 88.799 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

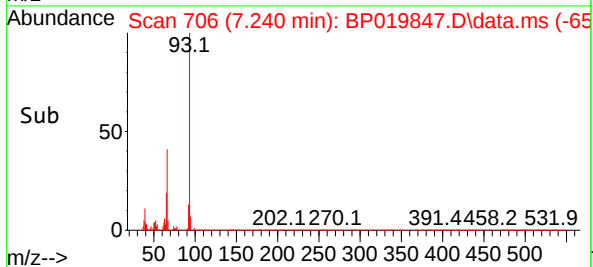
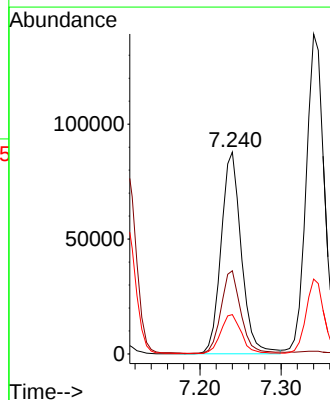
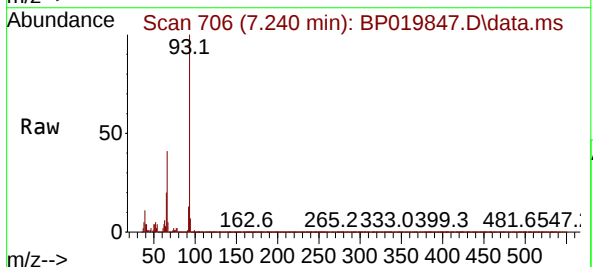
Instrument :
BNA_P
ClientSampleId :
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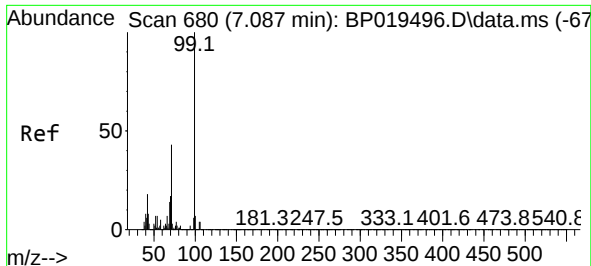
Tgt Ion:112 Resp: 427155
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.0
63 33.1 27.0 40.6



#6
Aniline
Concen: 24.161 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 93 Resp: 152273
Ion Ratio Lower Upper
93 100
66 41.2 32.3 48.5
65 19.5 16.4 24.6





#7

Phenol-d6

Concen: 86.363 ng

RT: 7.081 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

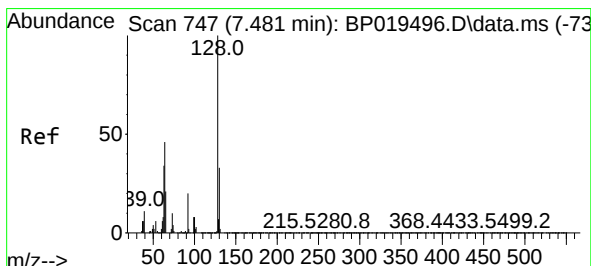
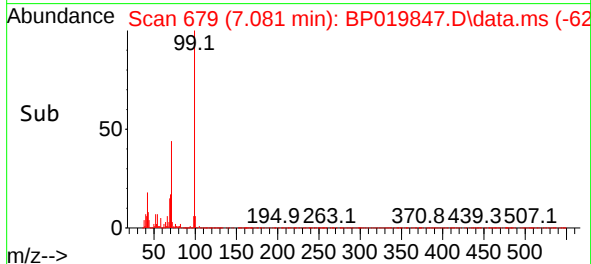
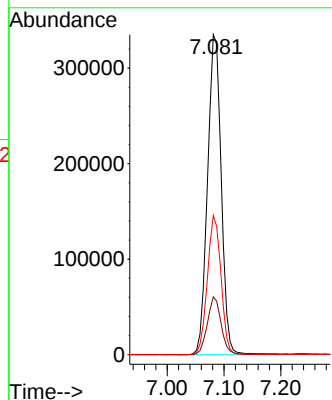
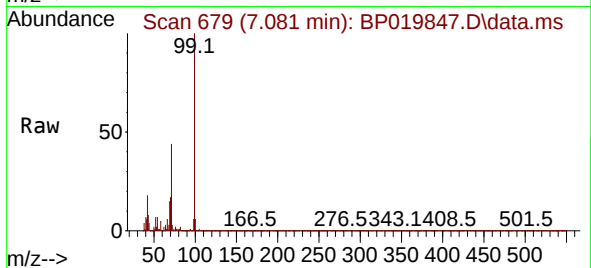
Tgt Ion: 99 Resp: 560158

Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 43.5 34.8 52.2



#8

2-Chlorophenol

Concen: 45.054 ng

RT: 7.469 min Scan# 745

Delta R.T. 0.006 min

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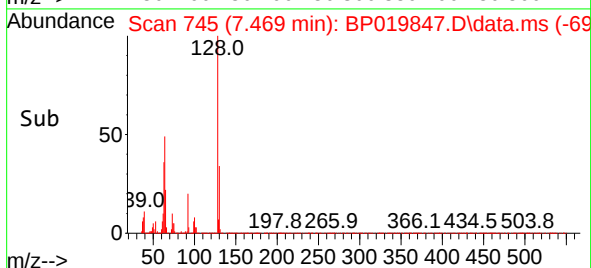
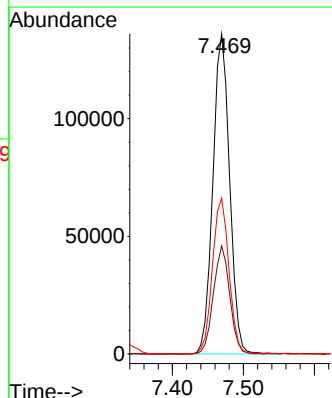
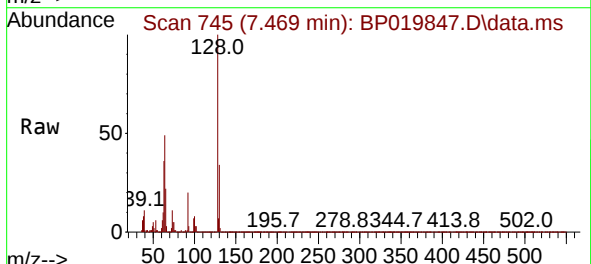
Tgt Ion:128 Resp: 222503

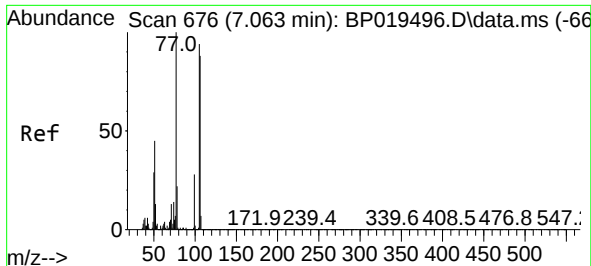
Ion Ratio Lower Upper

128 100

130 33.8 13.3 53.3

64 48.7 29.7 69.7

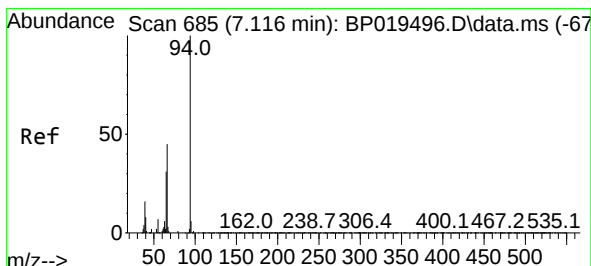
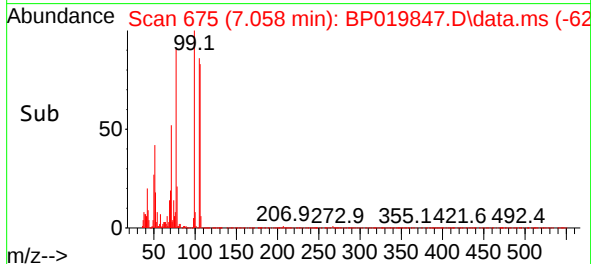
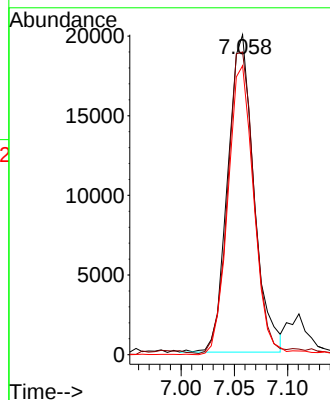
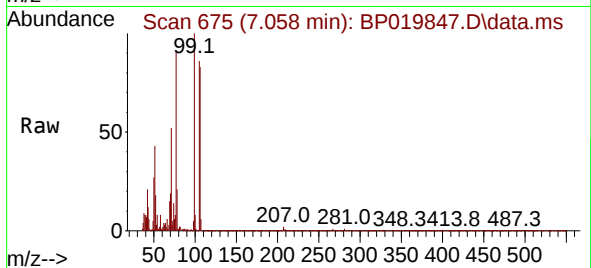




#9
Benzaldehyde
Concen: 7.496 ng
RT: 7.058 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

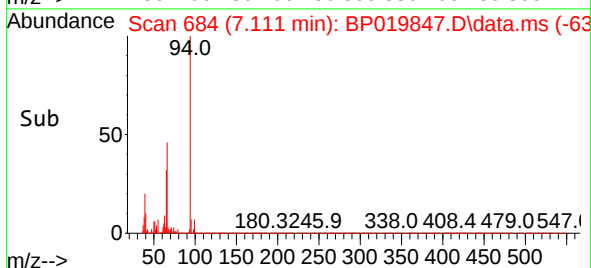
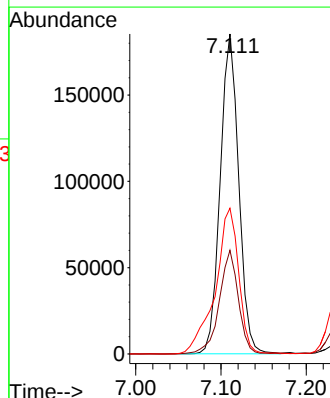
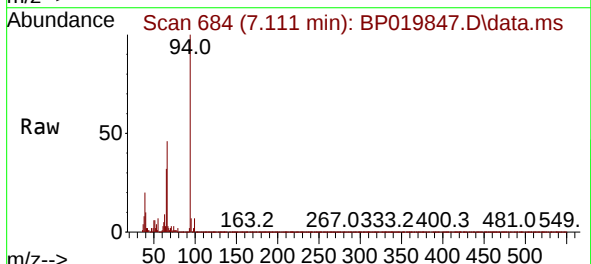
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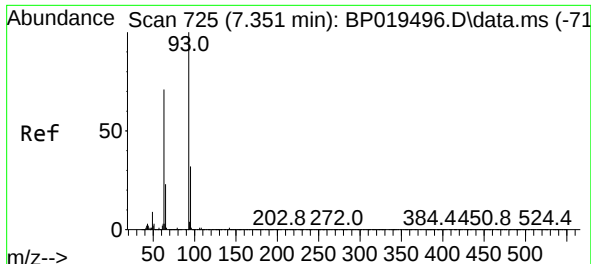
Tgt Ion: 77 Resp: 34090
Ion Ratio Lower Upper
77 100
105 94.6 74.0 114.0
106 90.3 67.8 107.8



#10
Phenol
Concen: 43.236 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP019847.D
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Tgt Ion: 94 Resp: 279504
Ion Ratio Lower Upper
94 100
65 32.4 11.3 51.3
66 45.6 25.1 65.1

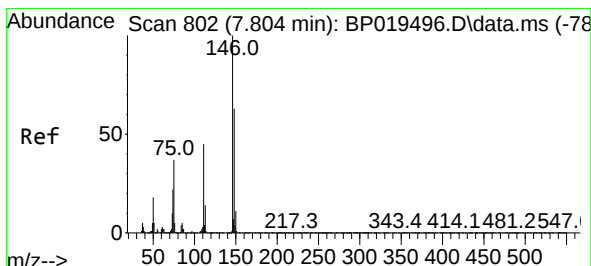
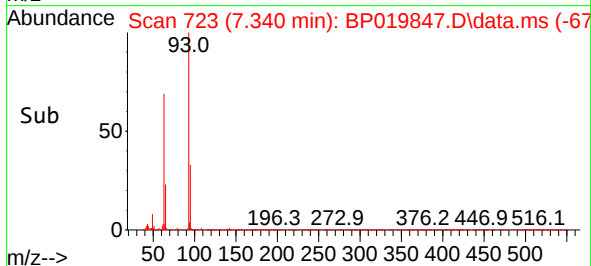
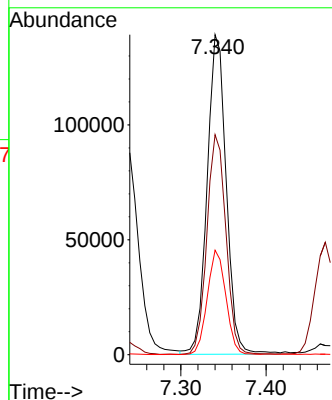
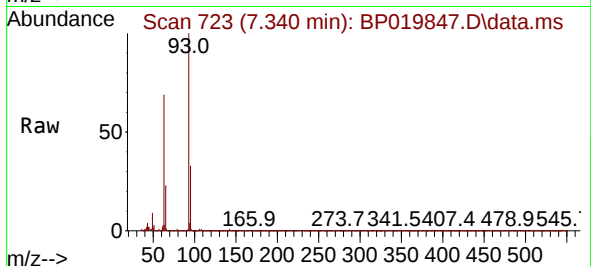




#11
bis(2-Chloroethyl)ether
Concen: 43.075 ng
RT: 7.340 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

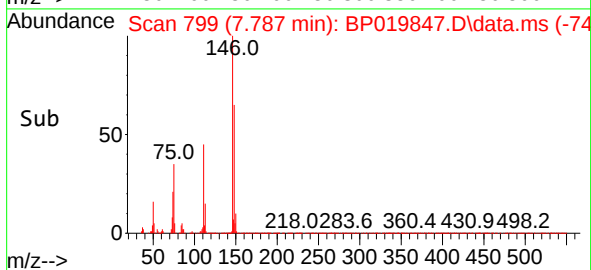
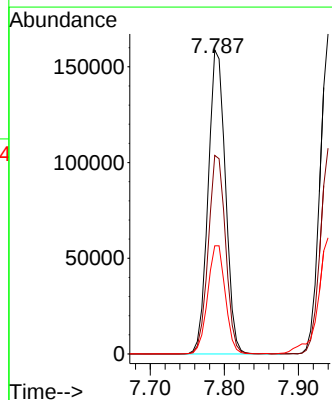
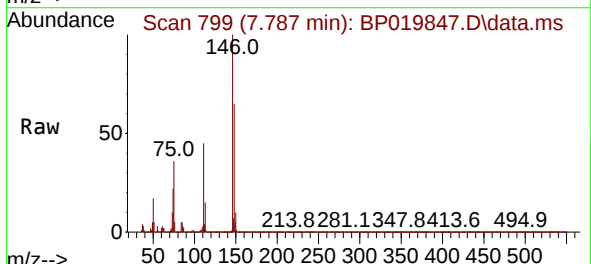
Instrument :
BNA_P
ClientSampleId :
11MSD

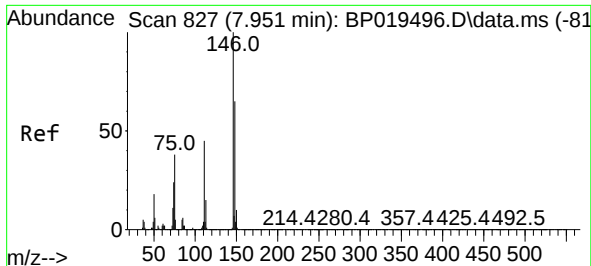
Tgt Ion: 93 Resp: 216642
Ion Ratio Lower Upper
93 100
63 68.8 51.2 91.2
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.688 ng
RT: 7.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:146 Resp: 257964
Ion Ratio Lower Upper
146 100
148 65.3 50.4 75.6
75 35.6 29.9 44.9

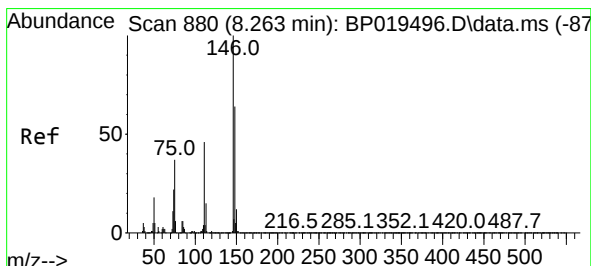
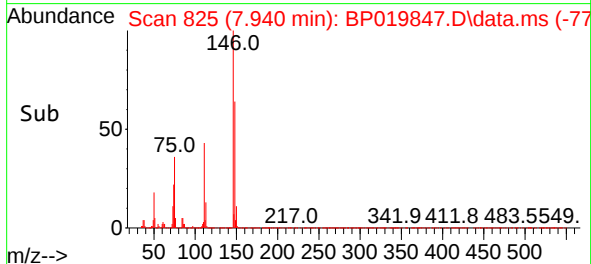
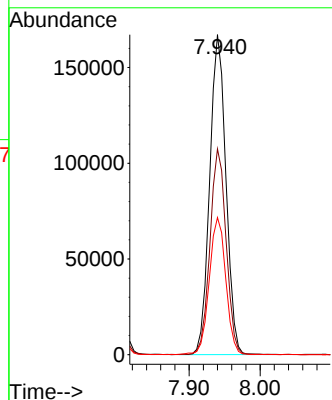
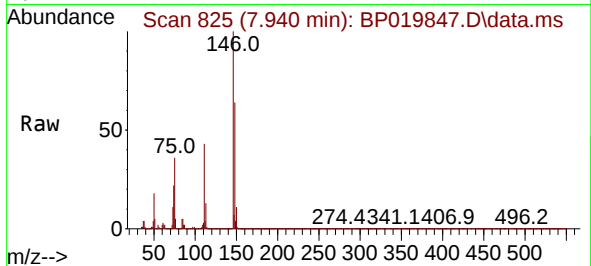




#13
1,4-Dichlorobenzene
Concen: 43.326 ng
RT: 7.940 min Scan# 811
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

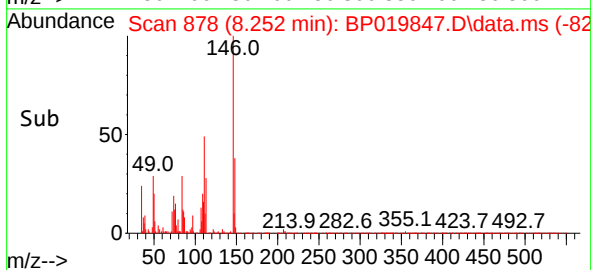
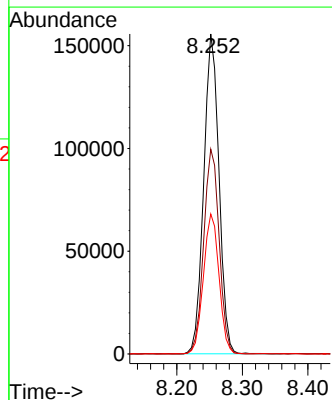
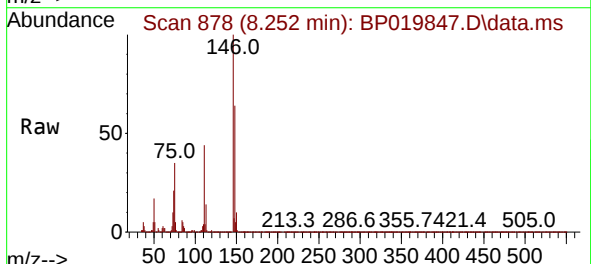
Instrument :
BNA_P
ClientSampleId :
11MSD

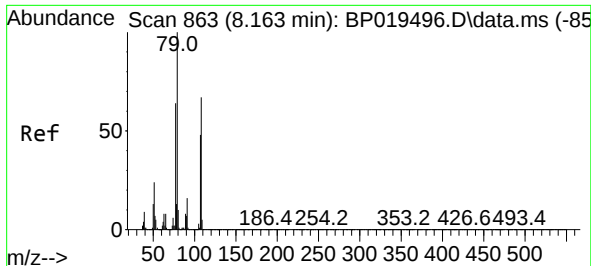
Tgt Ion:146 Resp: 265257
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
111 42.9 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 42.634 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:146 Resp: 252552
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 43.8 37.0 55.6

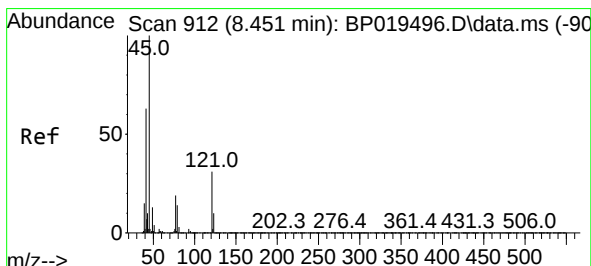
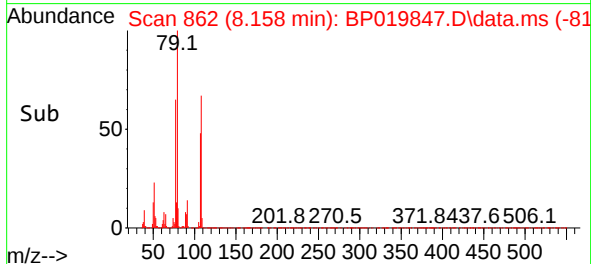
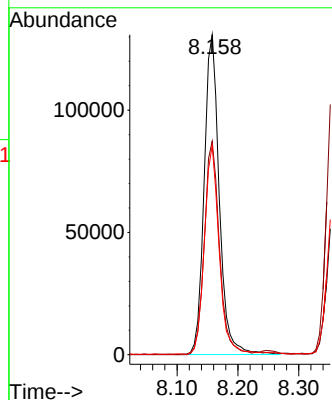
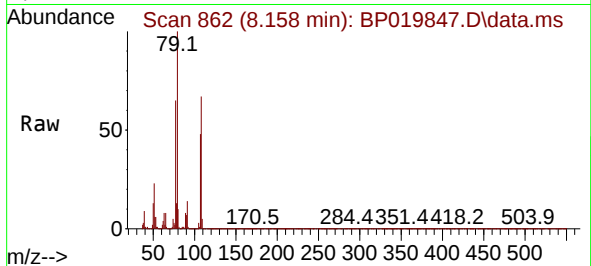




#15
Benzyl Alcohol
Concen: 43.618 ng
RT: 8.158 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

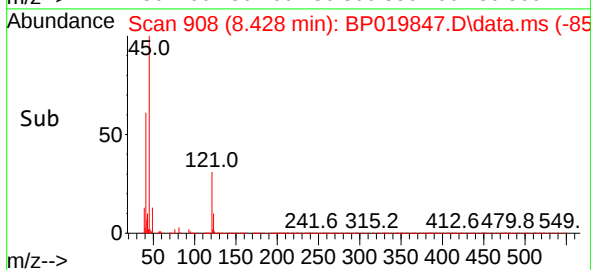
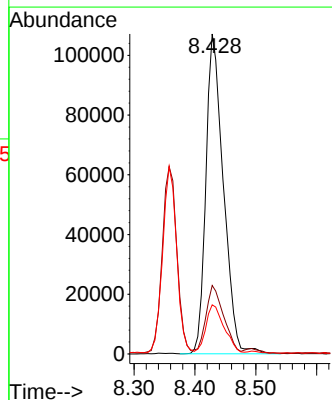
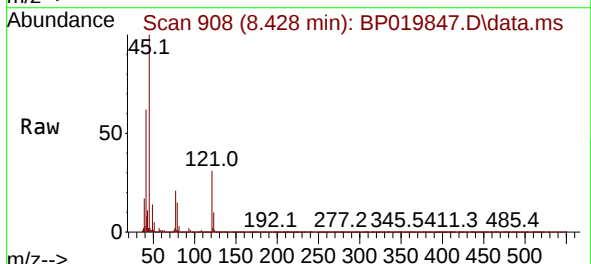
Instrument :
BNA_P
ClientSampleId :
11MSD

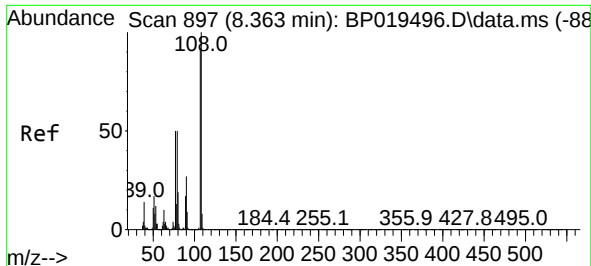
Tgt Ion: 79 Resp: 226047
Ion Ratio Lower Upper
79 100
108 66.7 53.8 80.6
77 65.3 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.518 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 45 Resp: 213839
Ion Ratio Lower Upper
45 100
77 21.4 0.8 40.8
79 15.4 0.0 35.5

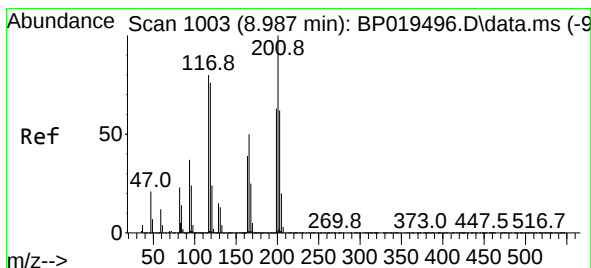
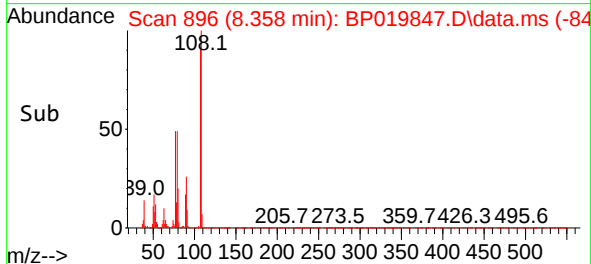
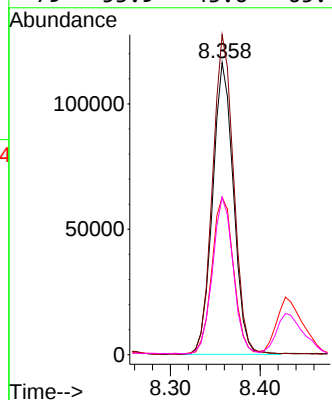
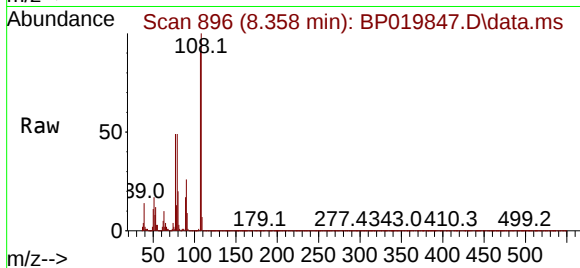




#17
2-Methylphenol
Concen: 43.256 ng
RT: 8.358 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

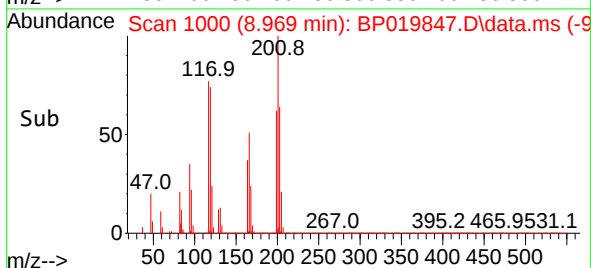
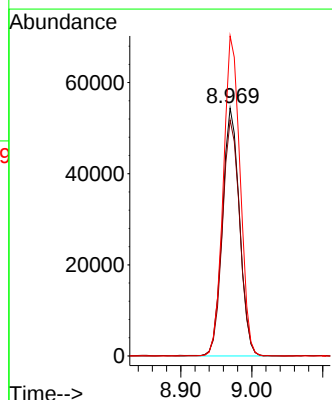
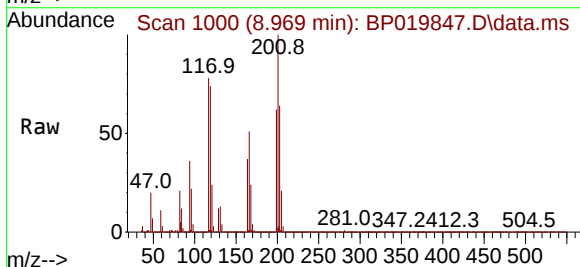
Instrument :
BNA_P
ClientSampleId :
11MSD

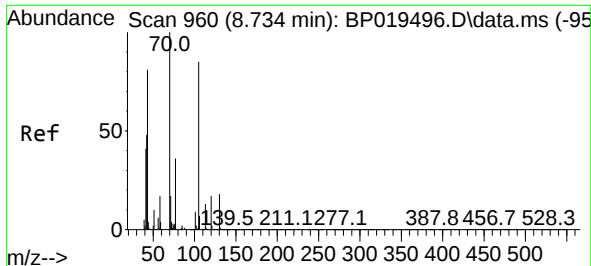
Tgt Ion:	107	Resp:	188259
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.0	130.6
77	53.9	43.5	65.3
79	53.9	43.6	65.4



#18
Hexachloroethane
Concen: 38.292 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:	117	Resp:	90870
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.5	113.3
201	129.0	99.4	149.2

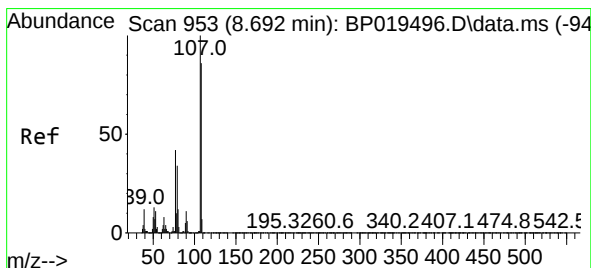
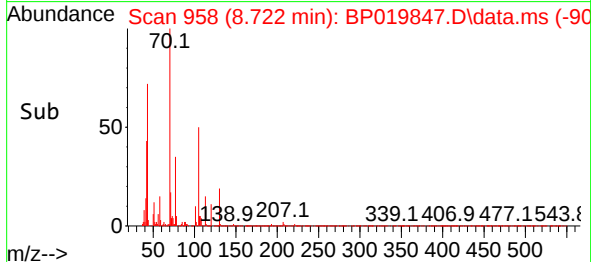
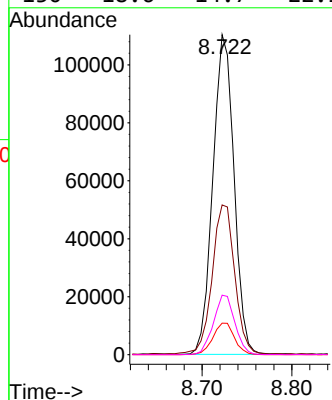
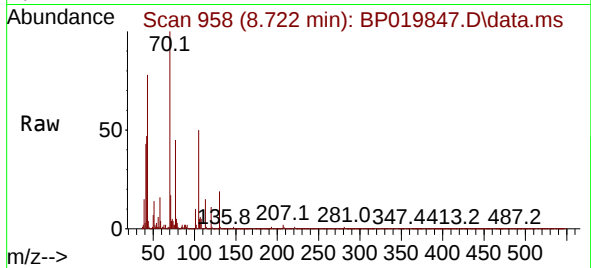




#19
n-Nitroso-di-n-propylamine
Concen: 40.750 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

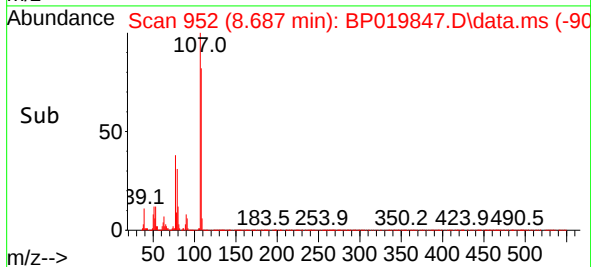
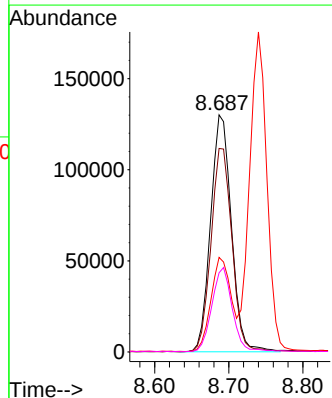
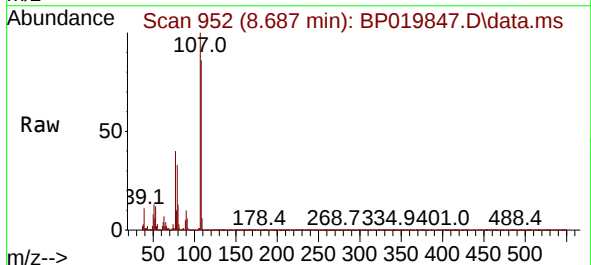
Instrument :
BNA_P
ClientSampleId :
11MSD

Tgt Ion: 70 Resp: 180537
Ion Ratio Lower Upper
70 100
42 46.8 39.2 58.8
101 9.8 7.3 10.9
130 18.6 14.7 22.1



#20
3+4-Methylphenols
Concen: 42.661 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 107 Resp: 253394
Ion Ratio Lower Upper
107 100
108 85.8 65.5 105.5
77 39.9 21.8 61.8
79 33.4 14.1 54.1

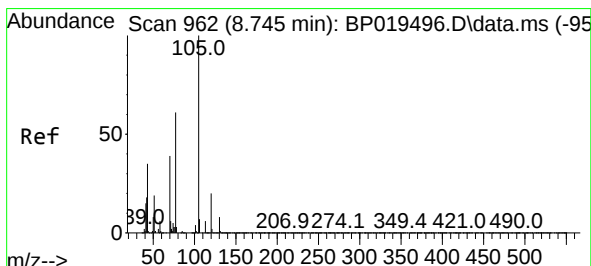
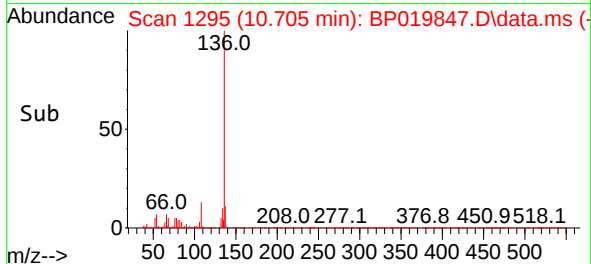
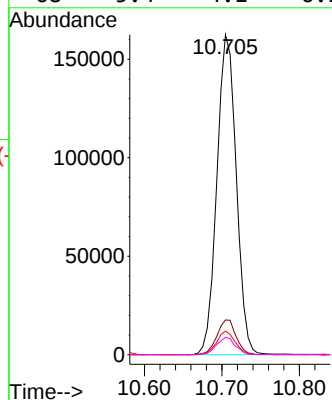
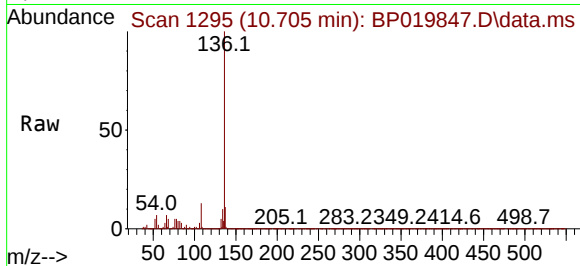




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

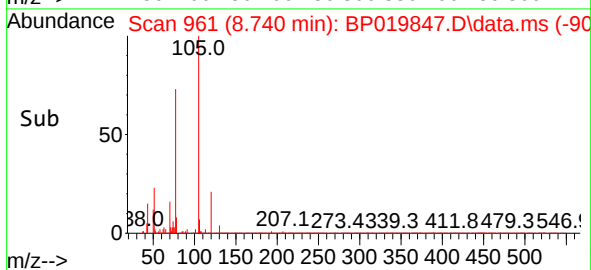
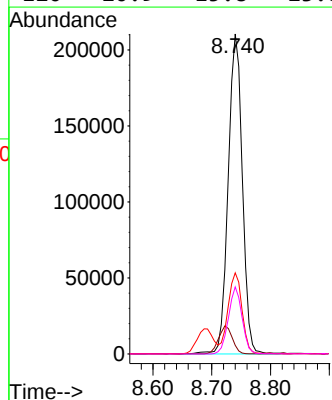
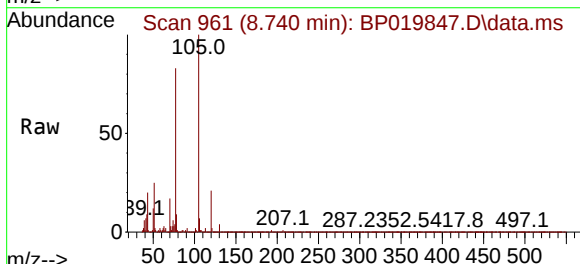
Instrument :
BNA_P
ClientSampleId :
11MSD

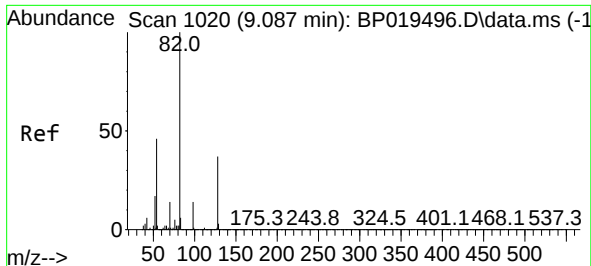
Tgt Ion:	136	Resp:	282390
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.3	5.3	7.9
68	5.4	4.1	6.1



#22
Acetophenone
Concen: 43.679 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:	105	Resp:	351390
Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.9	7.3#
51	25.3	20.7	31.1
120	20.9	15.8	23.8

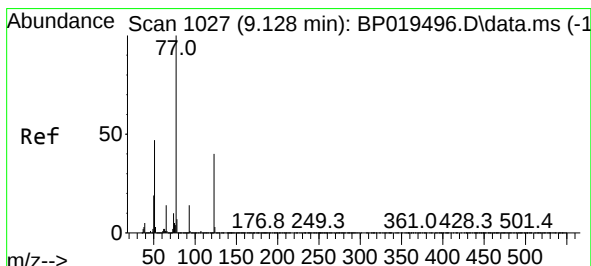
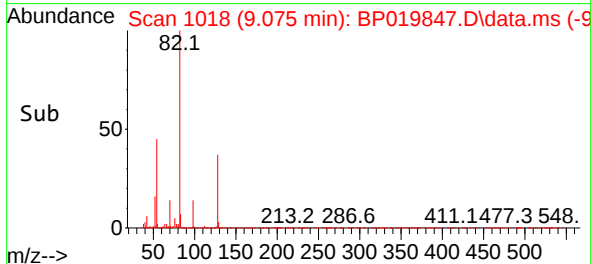
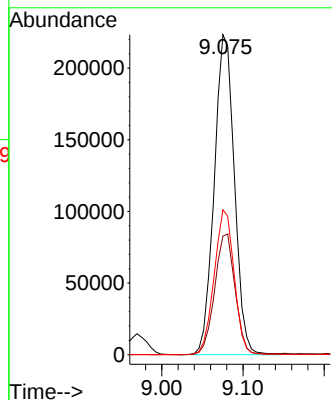
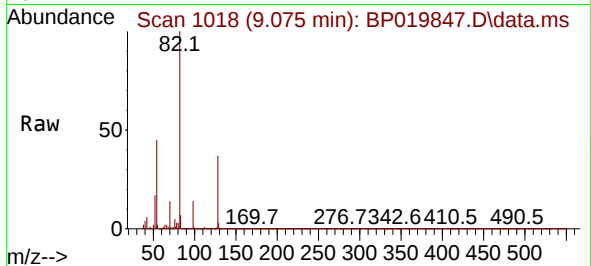




#23
Nitrobenzene-d5
Concen: 59.288 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

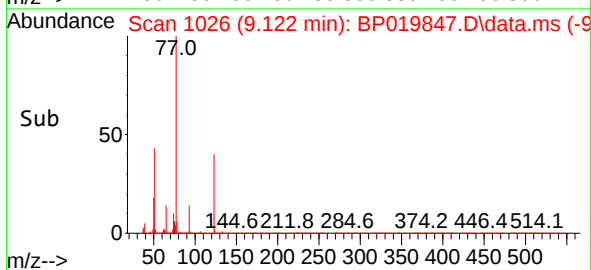
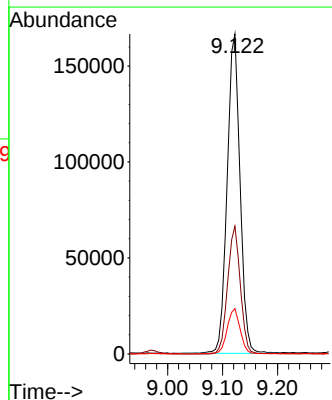
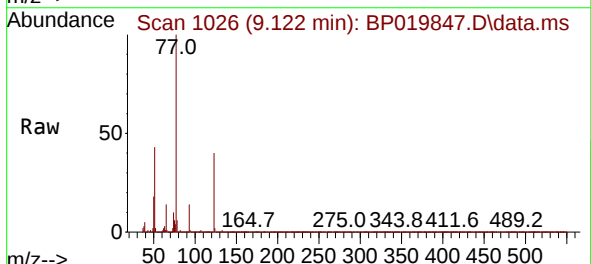
Instrument :
BNA_P
ClientSampleId :
11MSD

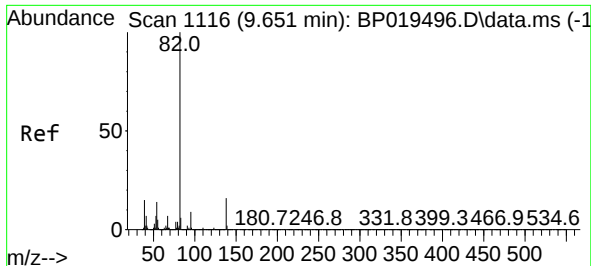
Tgt Ion: 82 Resp: 386381
Ion Ratio Lower Upper
82 100
128 37.0 29.7 44.5
54 45.3 36.8 55.2



#24
Nitrobenzene
Concen: 41.362 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 77 Resp: 271400
Ion Ratio Lower Upper
77 100
123 39.9 32.3 48.5
65 14.2 11.6 17.4

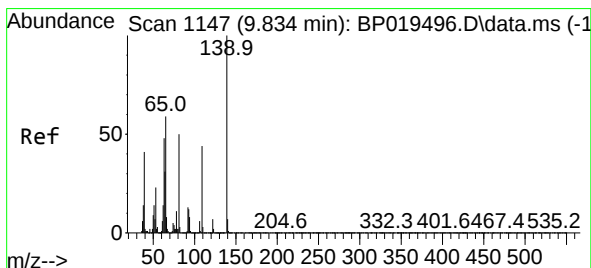
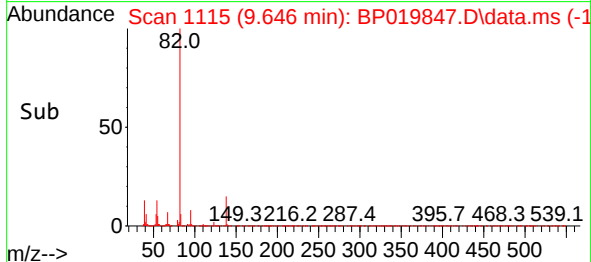
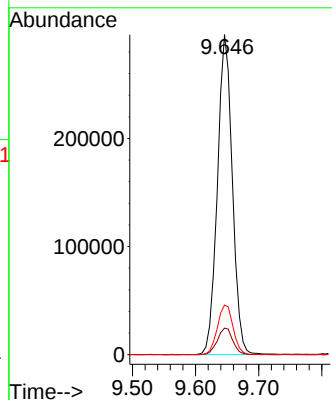
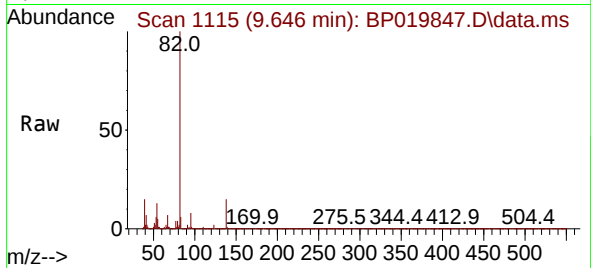




#25
Isophorone
Concen: 42.752 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

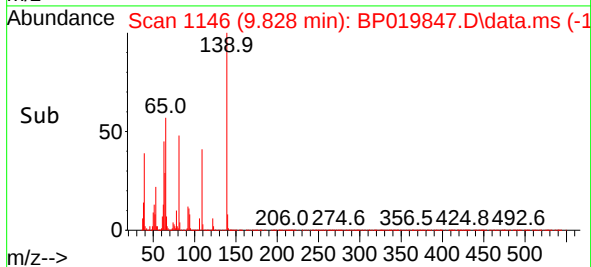
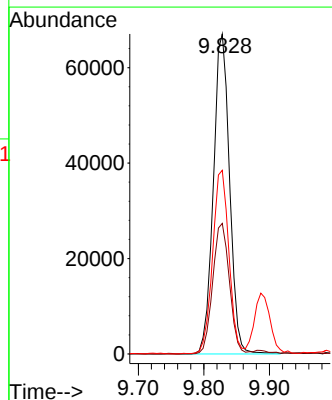
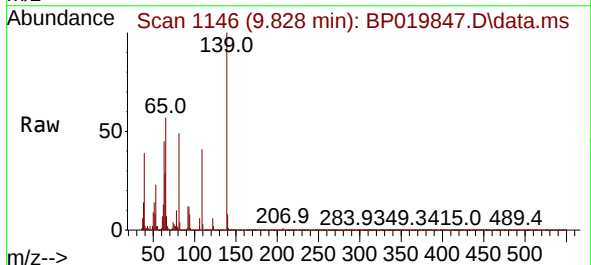
Instrument :
BNA_P
ClientSampleId :
11MSD

Tgt Ion: 82 Resp: 485227
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 15.5 13.1 19.7



#26
2-Nitrophenol
Concen: 45.981 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 139 Resp: 115039
Ion Ratio Lower Upper
139 100
109 40.8 34.9 52.3
65 57.4 47.5 71.3

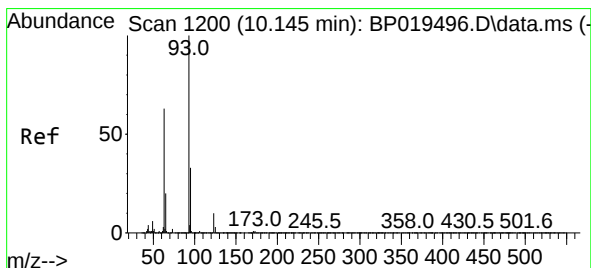
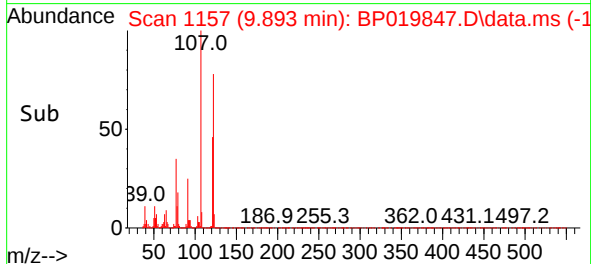
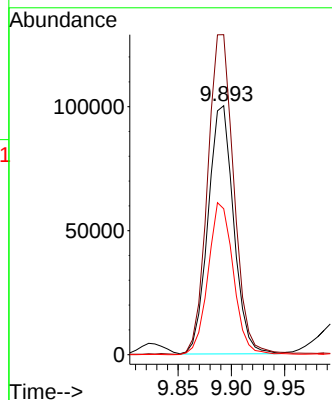
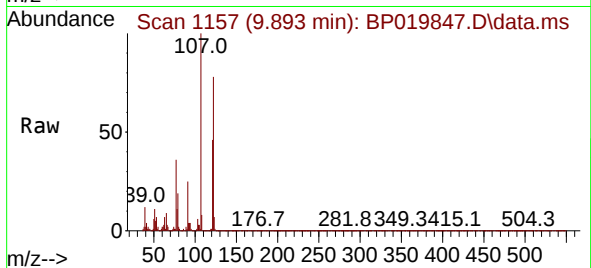




#27
2,4-Dimethylphenol
Concen: 52.148 ng
RT: 9.893 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

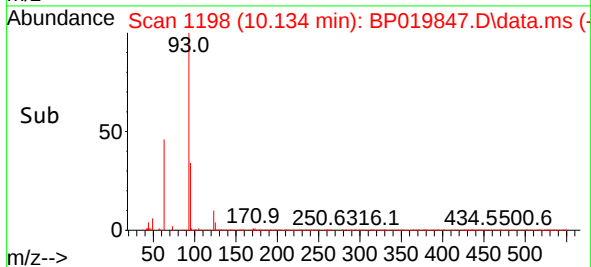
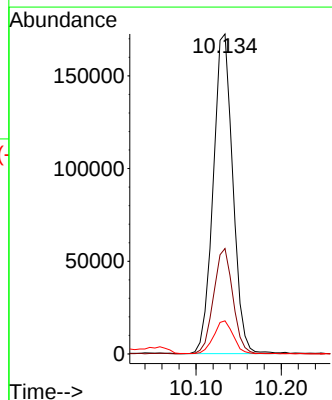
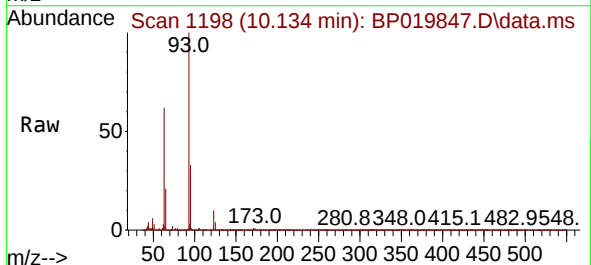
Instrument :
BNA_P
ClientSampleId :
11MSD

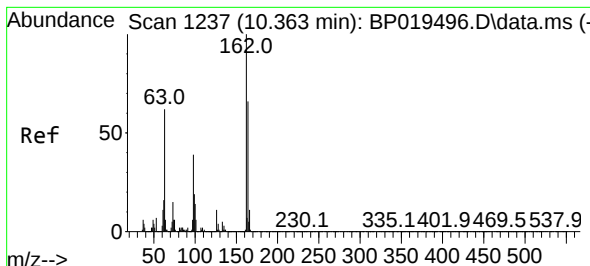
Tgt Ion:122 Resp: 166830
Ion Ratio Lower Upper
122 100
107 128.6 105.9 158.9
121 58.6 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.990 ng
RT: 10.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 93 Resp: 276062
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 47.388 ng

RT: 10.363 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

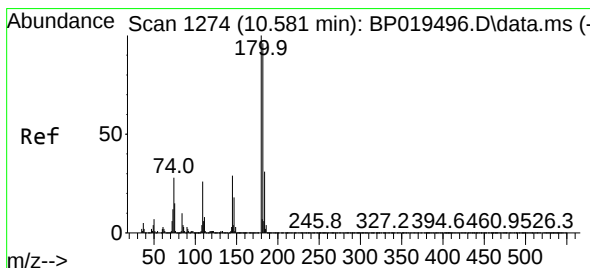
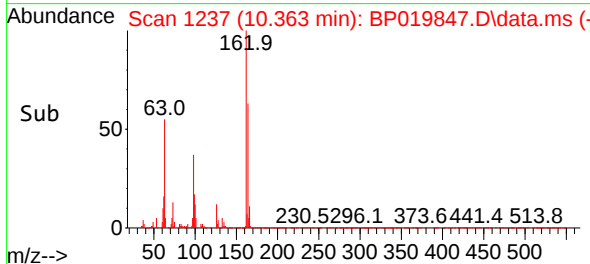
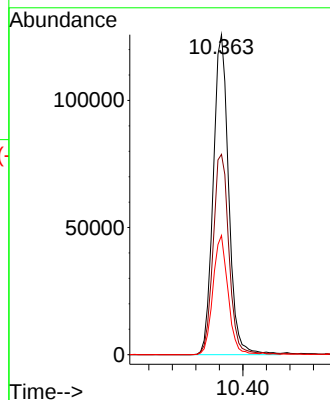
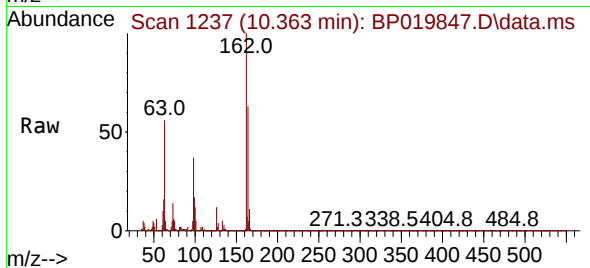
Tgt Ion:162 Resp: 229169

Ion Ratio Lower Upper

162 100

164 62.6 46.0 86.0

98 37.2 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 45.414 ng

RT: 10.569 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

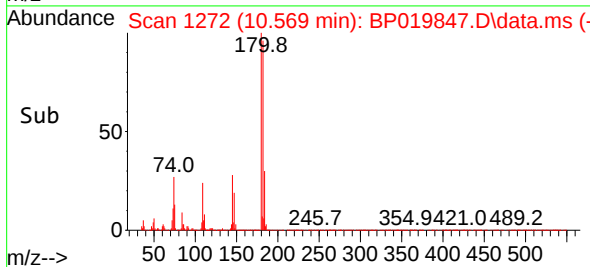
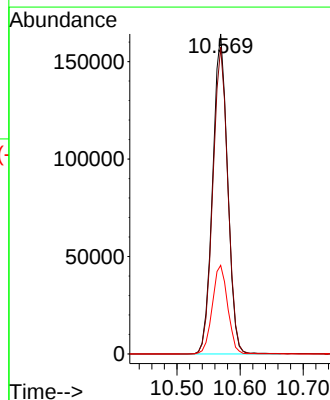
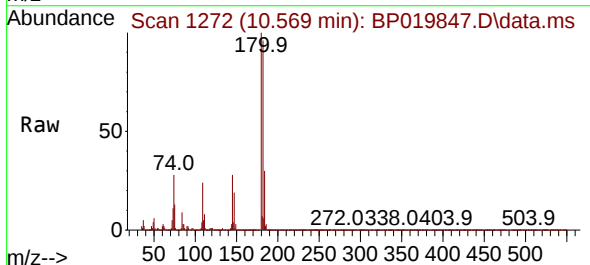
Tgt Ion:180 Resp: 269286

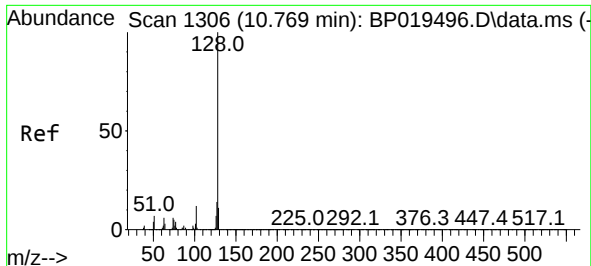
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.6

145 27.7 23.2 34.8

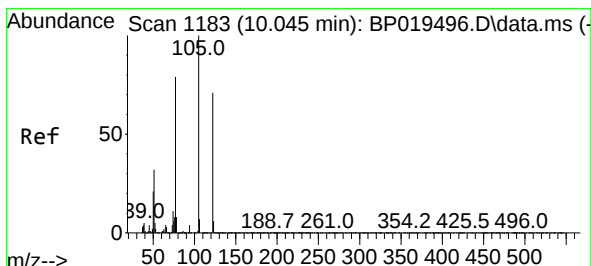
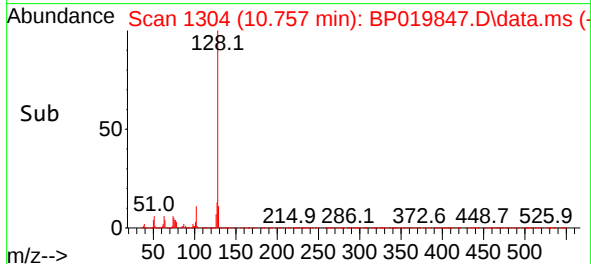
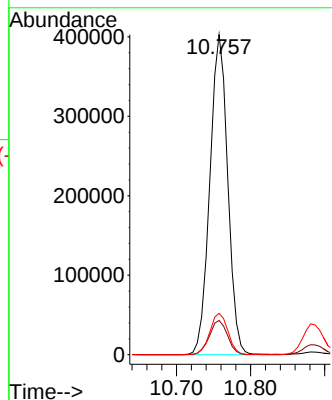
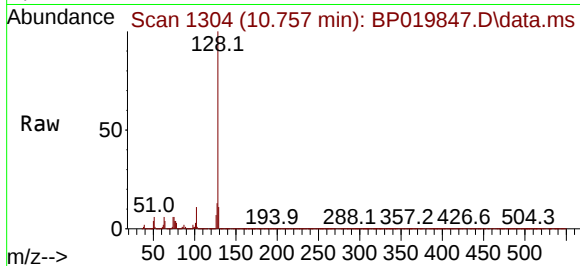




#31
Naphthalene
Concen: 43.566 ng
RT: 10.757 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

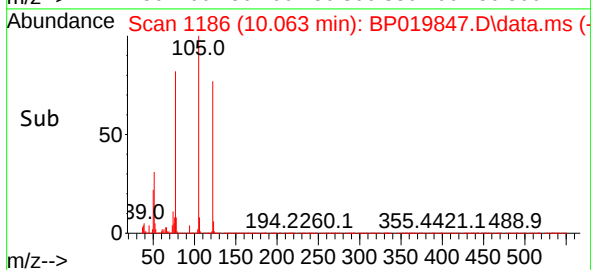
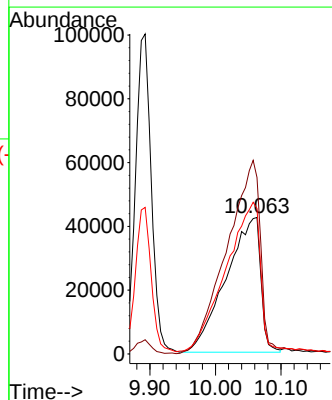
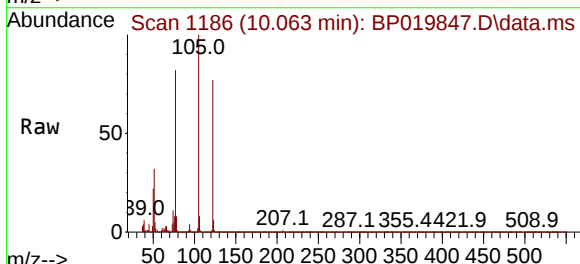
Instrument :
BNA_P
ClientSampleId :
11MSD

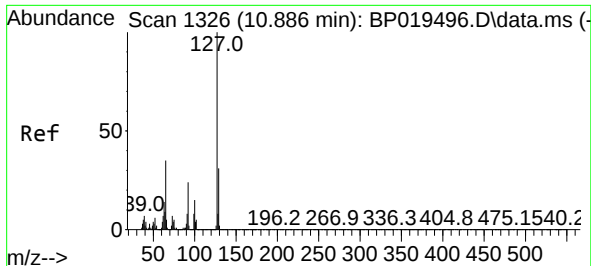
Tgt Ion:128 Resp: 674741
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 49.867 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:122 Resp: 155433
Ion Ratio Lower Upper
122 100
105 129.3 118.8 158.8
77 106.6 91.7 131.7

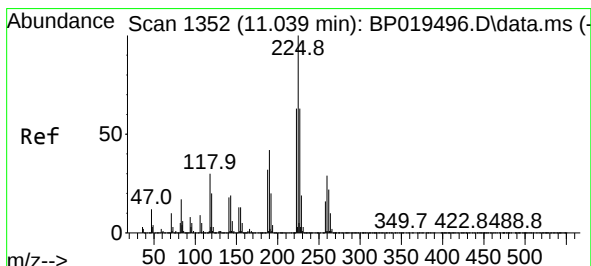
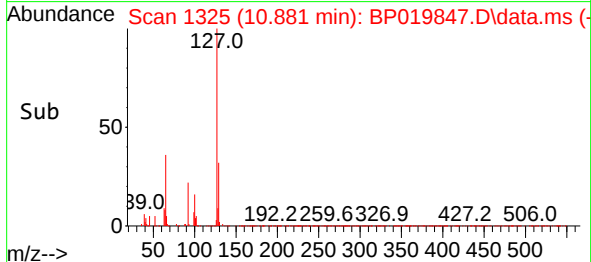
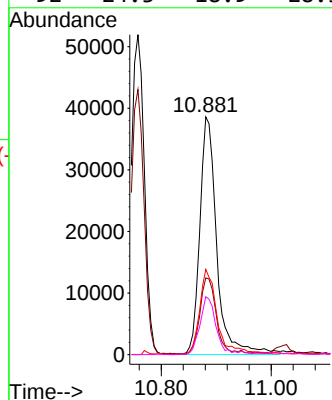
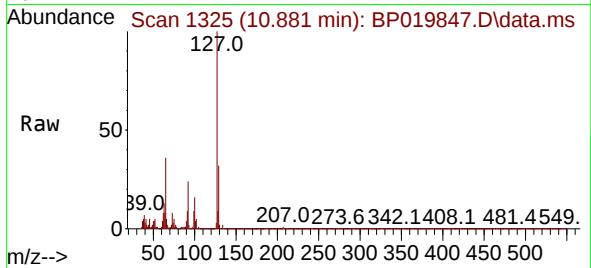




#33
4-Chloroaniline
Concen: 14.495 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

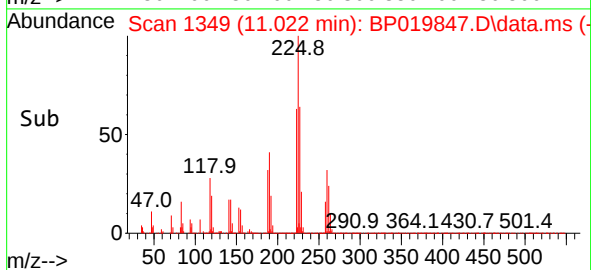
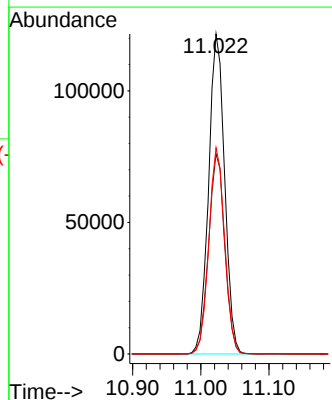
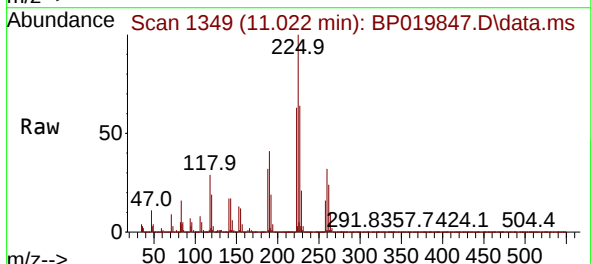
Instrument :
BNA_P
ClientSampleId :
11MSD

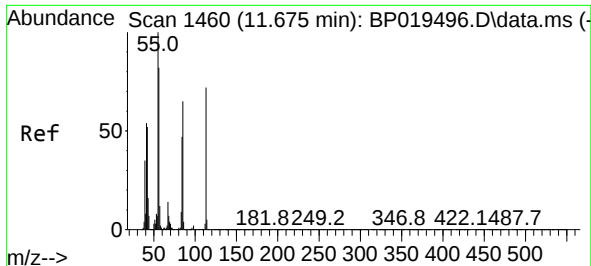
Tgt Ion:	127	Resp:	83024
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.6	36.8
65	35.9	28.2	42.4
92	24.3	18.9	28.3



#34
Hexachlorobutadiene
Concen: 45.166 ng
RT: 11.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:	225	Resp:	198462
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.5	75.7
227	64.4	50.2	75.2

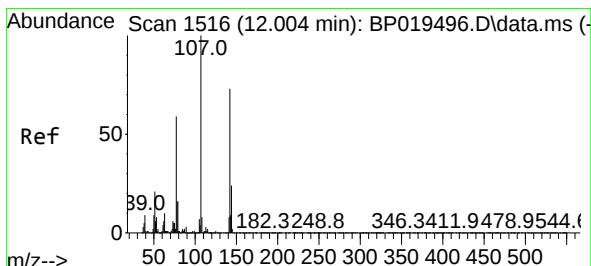
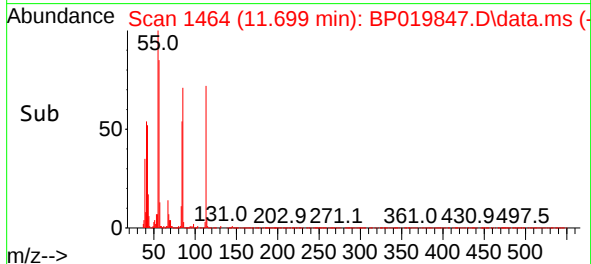
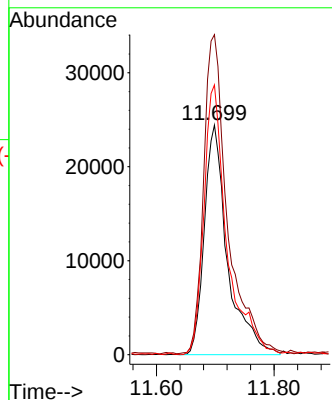
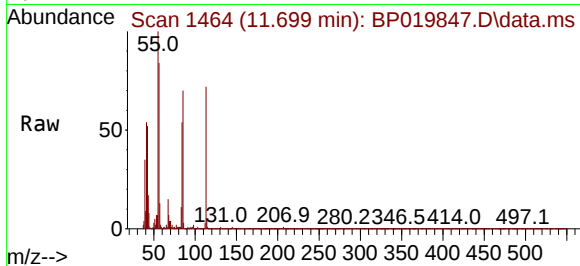




#35
Caprolactam
Concen: 48.768 ng
RT: 11.699 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

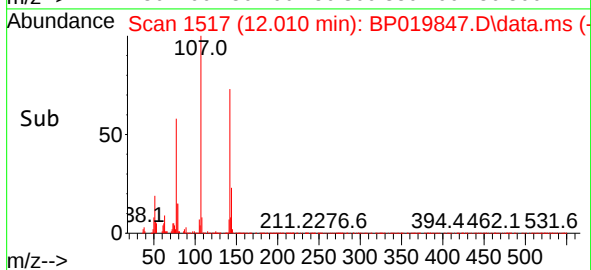
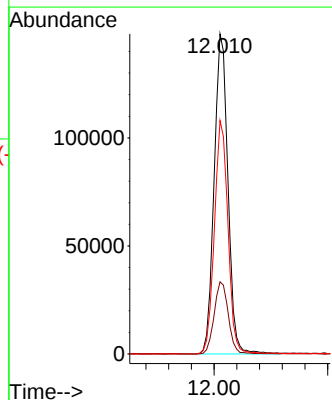
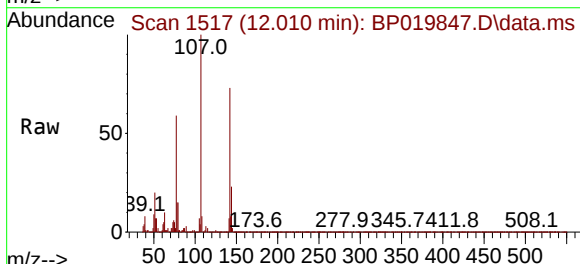
Instrument :
BNA_P
ClientSampleId :
11MSD

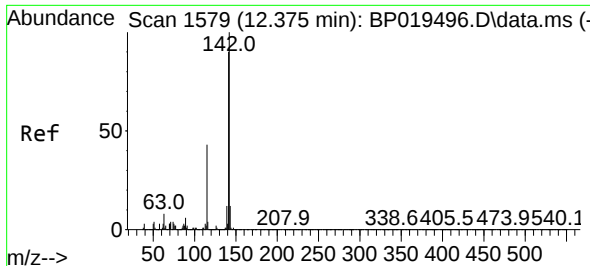
Tgt Ion:113 Resp: 66766
Ion Ratio Lower Upper
113 100
55 139.3 120.0 160.0
56 117.4 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 47.149 ng
RT: 12.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:107 Resp: 248620
Ion Ratio Lower Upper
107 100
144 22.6 19.0 28.4
142 72.9 58.6 88.0

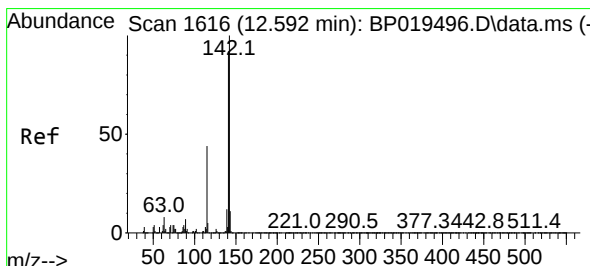
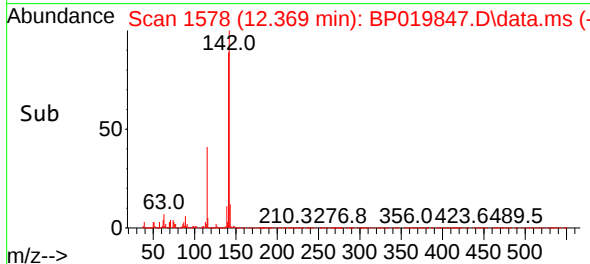
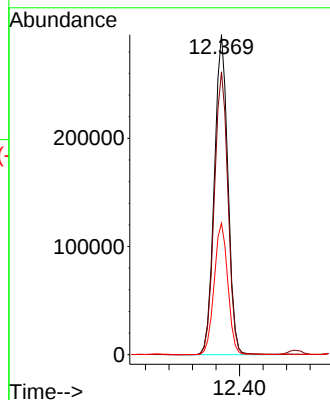
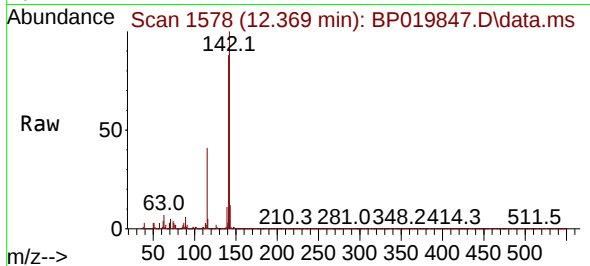




#37
2-Methylnaphthalene
Concen: 44.177 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

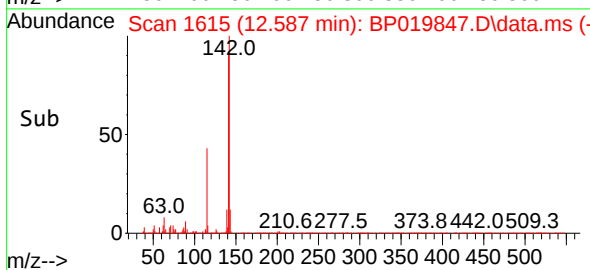
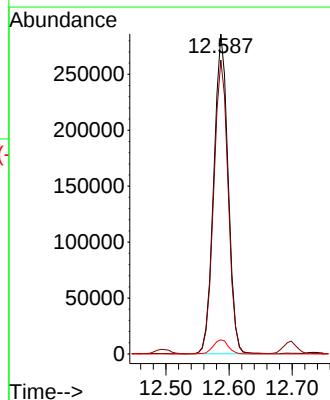
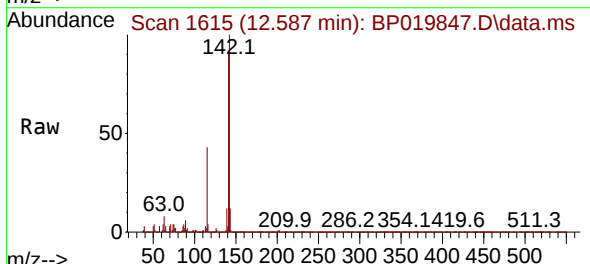
Instrument :
BNA_P
ClientSampleId :
11MSD

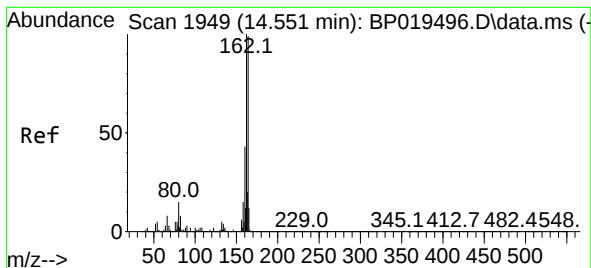
Tgt Ion:142 Resp: 473503
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.4
115 41.1 34.2 51.2



#38
1-Methylnaphthalene
Concen: 42.763 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:142 Resp: 450426
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0
116 4.4 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

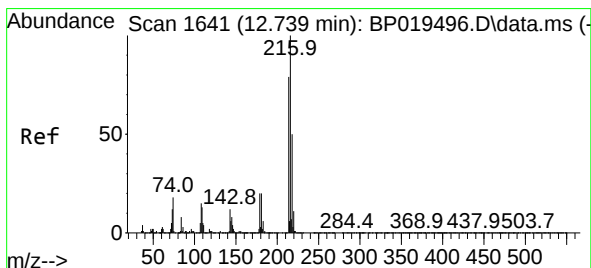
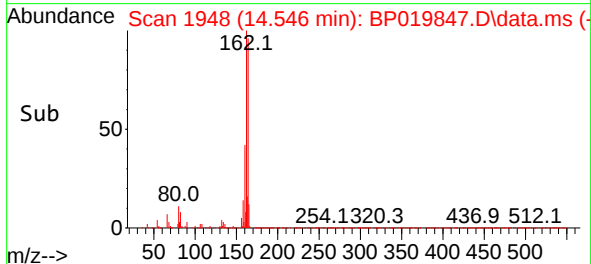
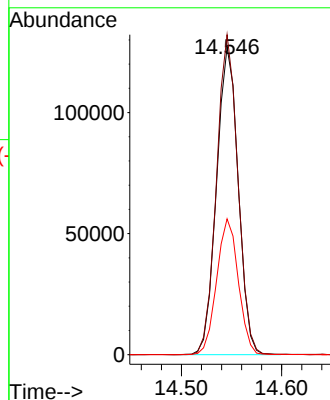
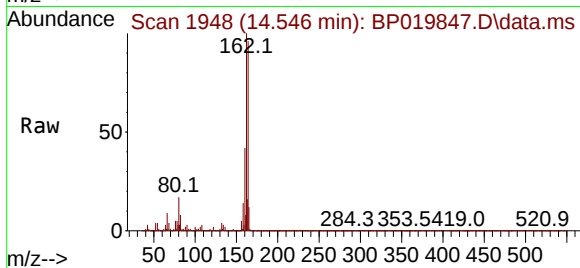
Tgt Ion:164 Resp: 190422

Ion Ratio Lower Upper

164 100

162 104.0 81.2 121.8

160 44.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.840 ng

RT: 12.734 min Scan# 1640

Delta R.T. 0.006 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Tgt Ion:216 Resp: 336647

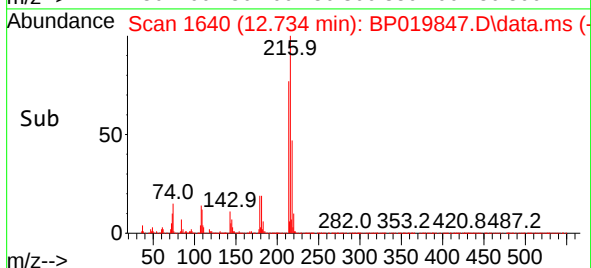
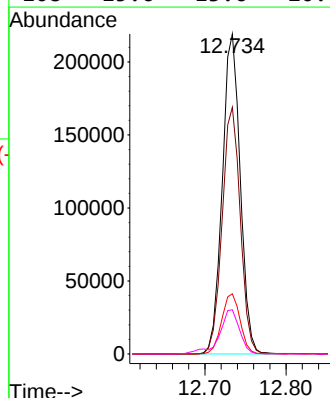
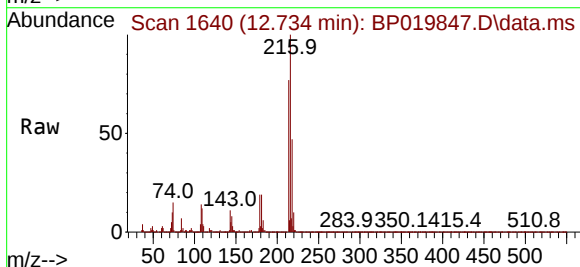
Ion Ratio Lower Upper

216 100

214 78.0 62.8 94.2

179 19.4 16.6 24.8

108 15.6 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 52.523 ng

RT: 12.699 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

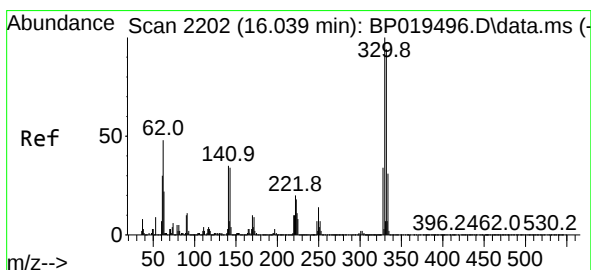
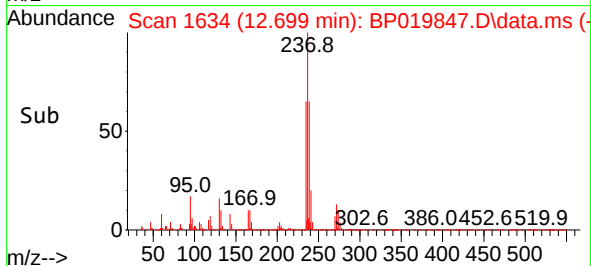
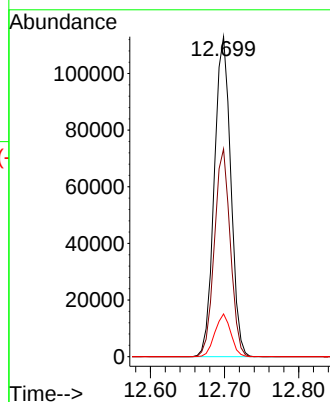
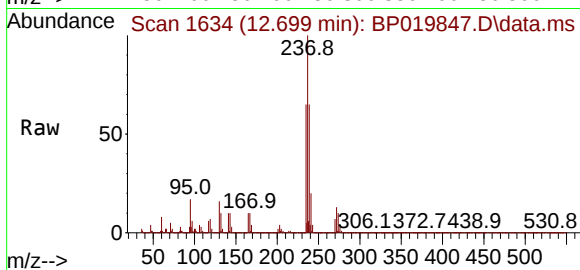
Tgt Ion:237 Resp: 174250

Ion Ratio Lower Upper

237 100

235 64.9 43.7 83.7

272 13.3 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 116.887 ng

RT: 16.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

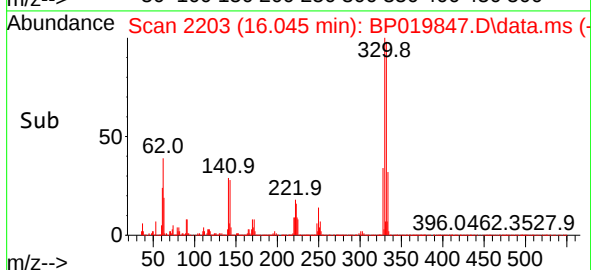
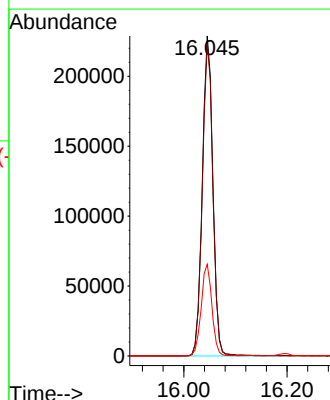
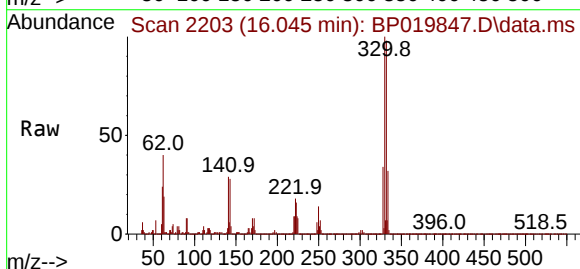
Tgt Ion:330 Resp: 324980

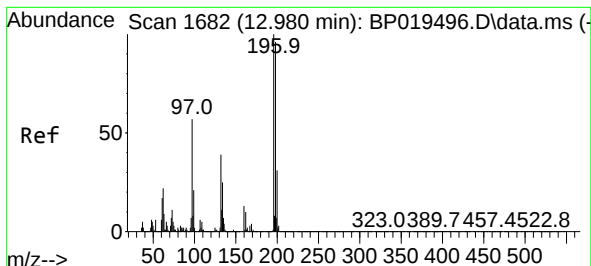
Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 28.9 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 47.405 ng

RT: 12.981 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

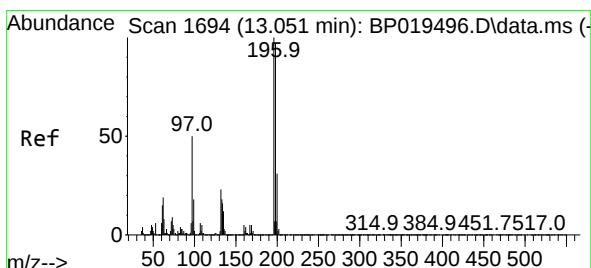
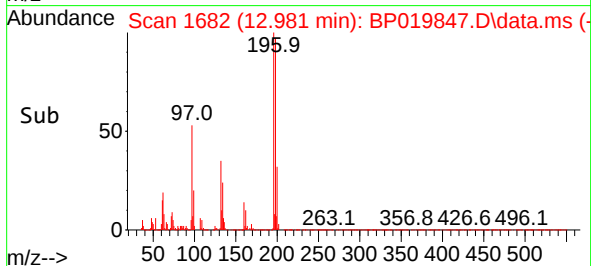
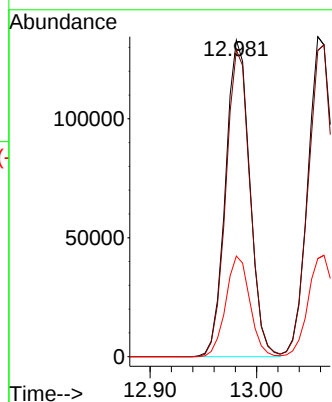
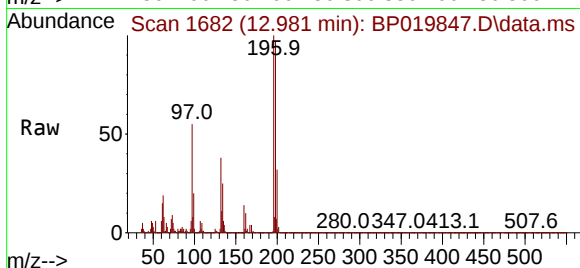
Tgt Ion:196 Resp: 210804

Ion Ratio Lower Upper

196 100

198 96.9 76.7 115.1

200 31.8 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 47.102 ng

RT: 13.057 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Tgt Ion:196 Resp: 230000

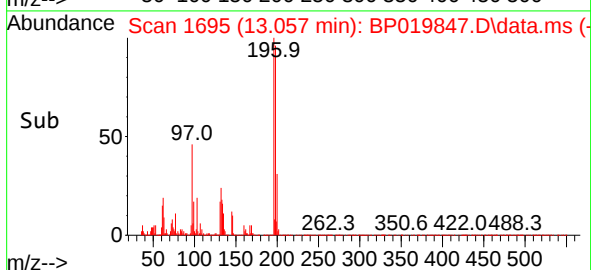
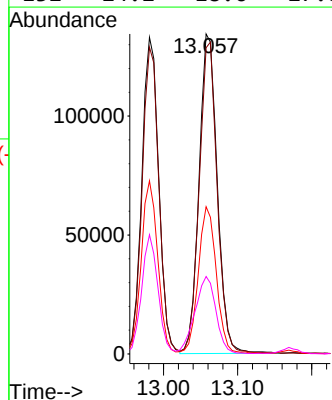
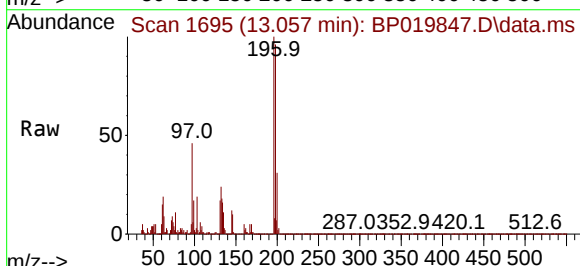
Ion Ratio Lower Upper

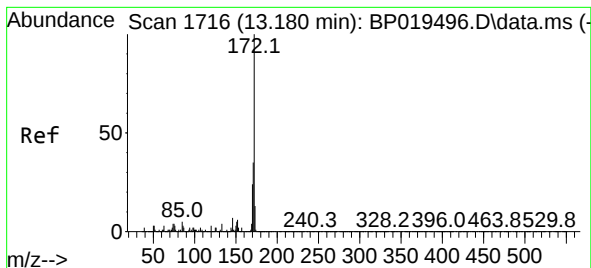
196 100

198 95.7 77.5 116.3

97 46.0 39.9 59.9

132 24.2 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 56.791 ng

RT: 13.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

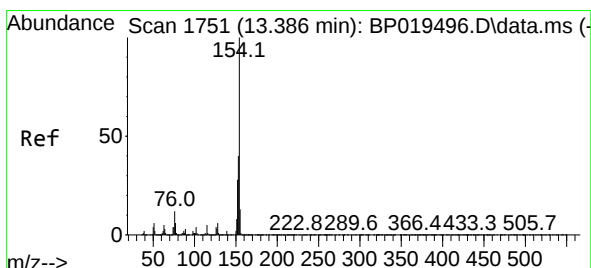
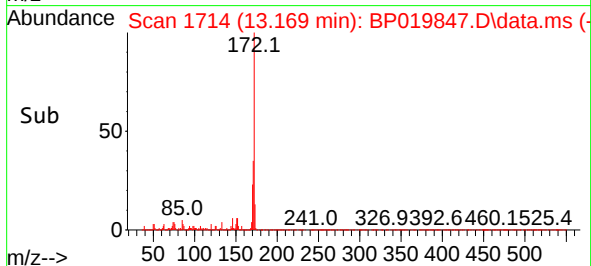
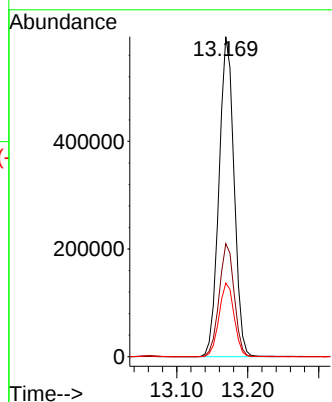
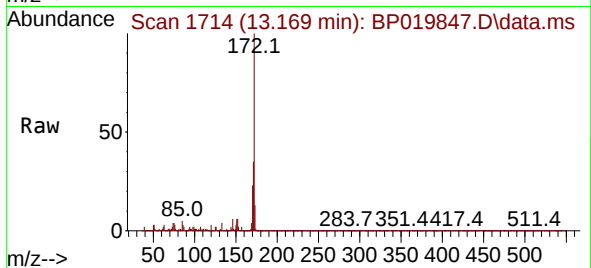
Tgt Ion:172 Resp: 874784

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.322 ng

RT: 13.381 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

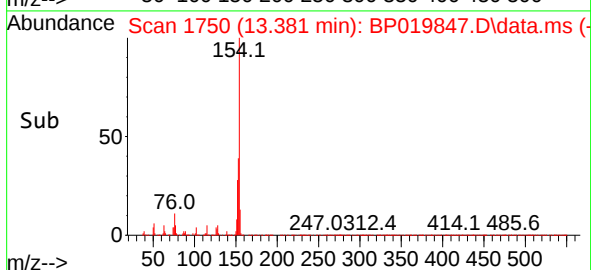
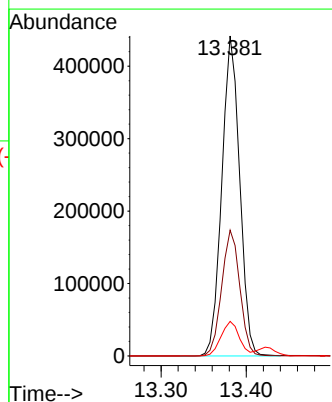
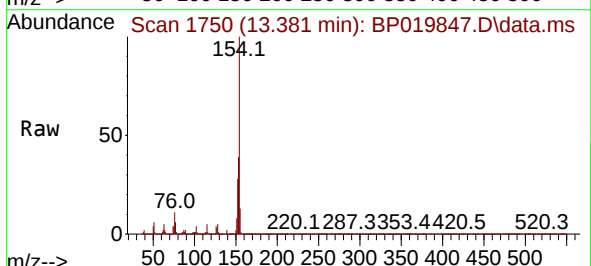
Tgt Ion:154 Resp: 643213

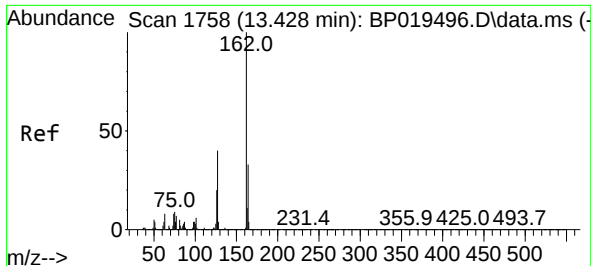
Ion Ratio Lower Upper

154 100

153 39.3 20.2 60.2

76 10.8 0.0 31.6

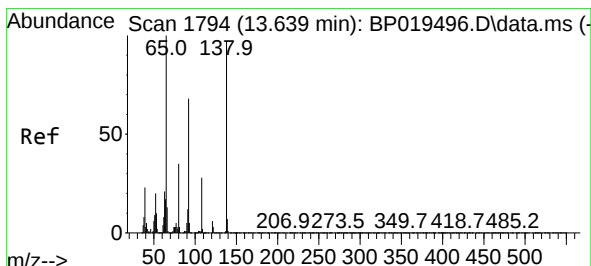
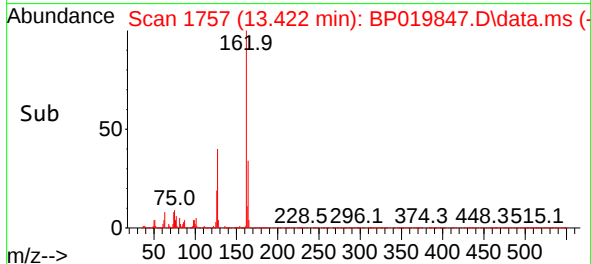
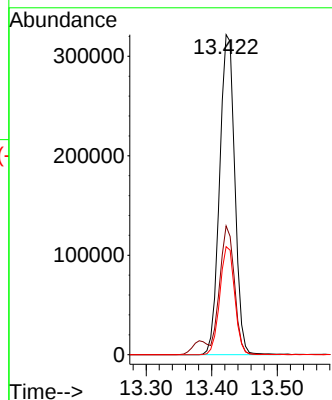
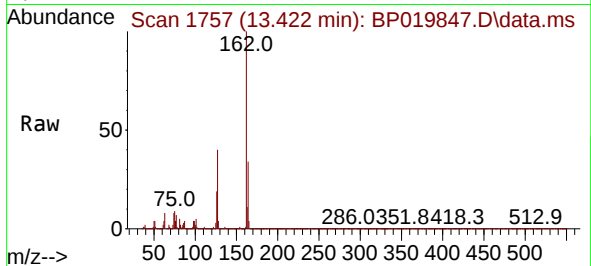




#47
2-Chloronaphthalene
Concen: 41.320 ng
RT: 13.422 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

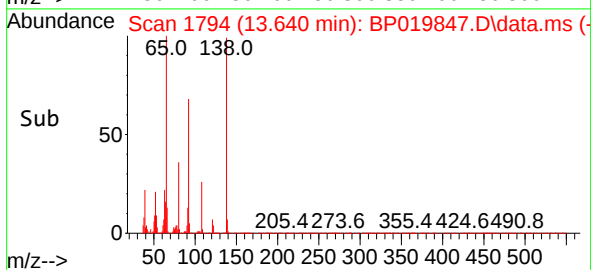
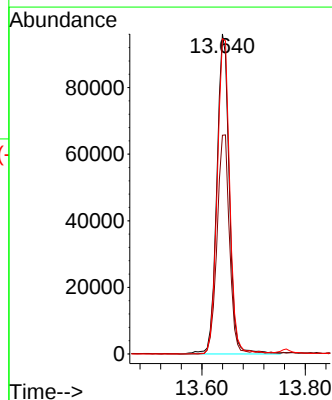
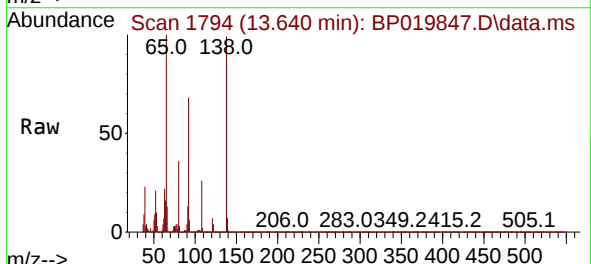
Instrument :
BNA_P
ClientSampleId :
11MSD

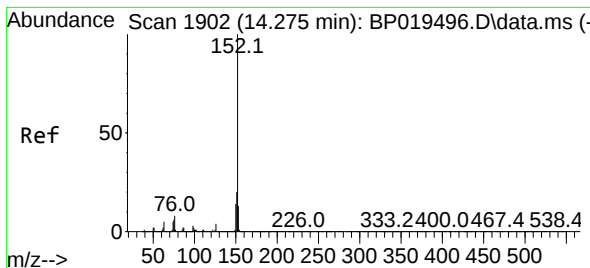
Tgt Ion:162 Resp: 515503
Ion Ratio Lower Upper
162 100
127 40.3 32.1 48.1
164 33.7 26.7 40.1



#48
2-Nitroaniline
Concen: 46.014 ng
RT: 13.640 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion: 65 Resp: 160522
Ion Ratio Lower Upper
65 100
92 68.3 54.7 82.1
138 98.5 77.8 116.6





#49

Acenaphthylene

Concen: 47.199 ng

RT: 14.269 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

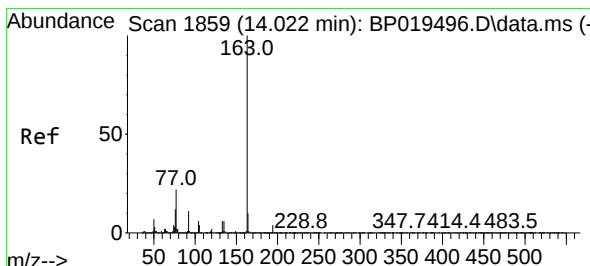
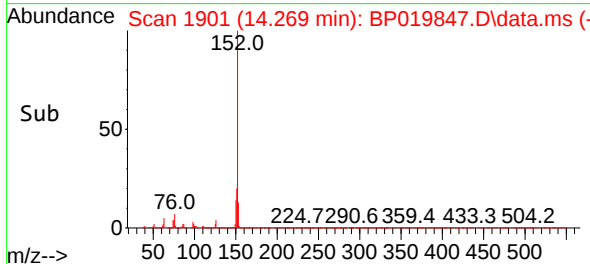
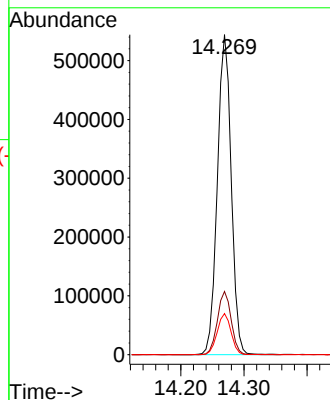
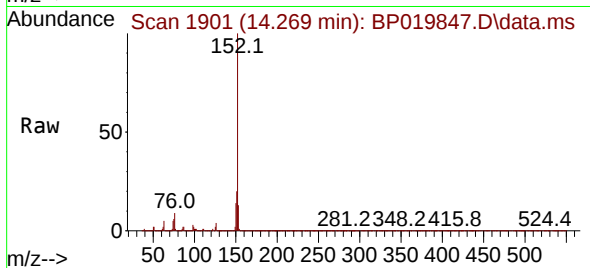
Tgt Ion:152 Resp: 826144

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 44.669 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

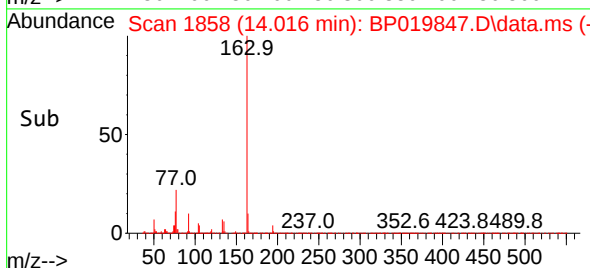
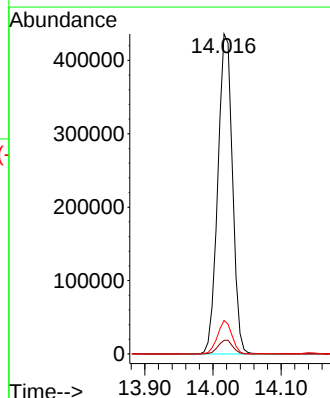
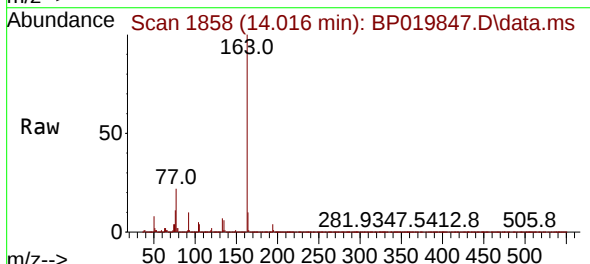
Tgt Ion:163 Resp: 651156

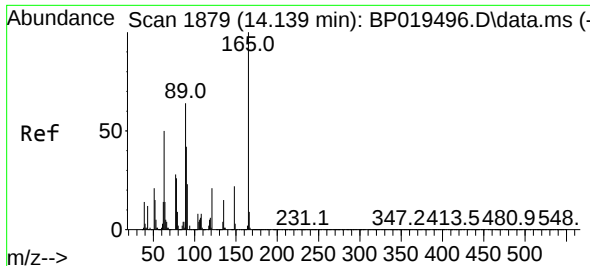
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.5 7.8 11.6

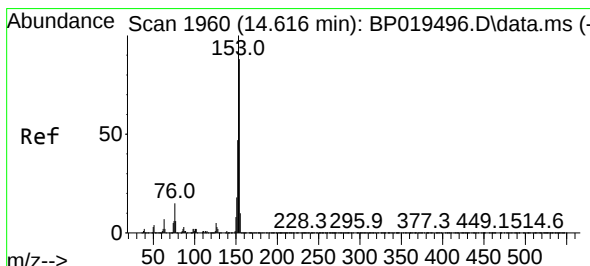
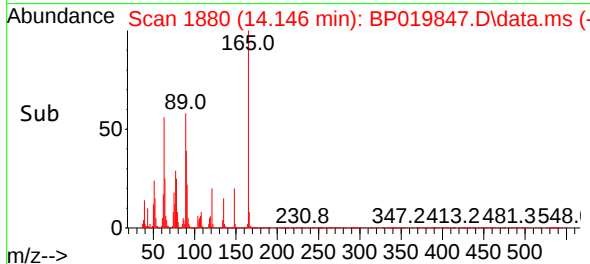
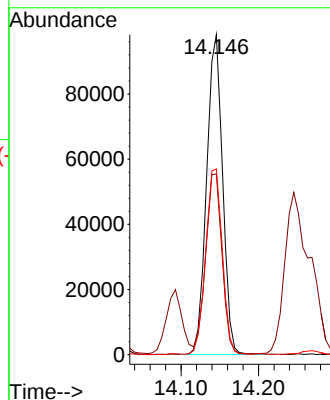
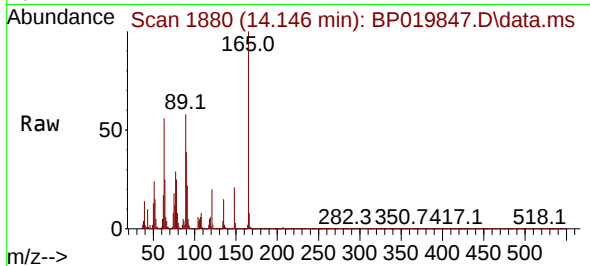




#51
2,6-Dinitrotoluene
Concen: 43.927 ng
RT: 14.146 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

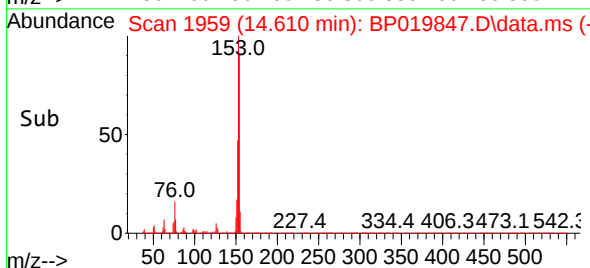
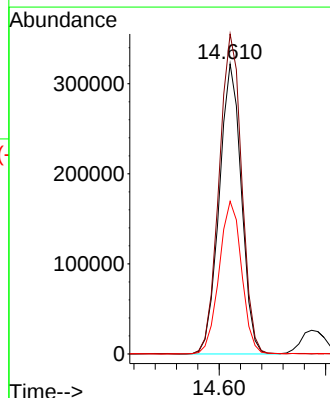
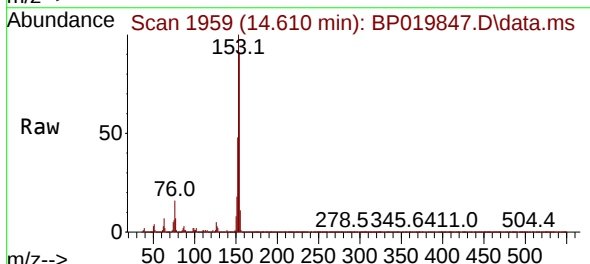
Instrument :
BNA_P
ClientSampleId :
11MSD

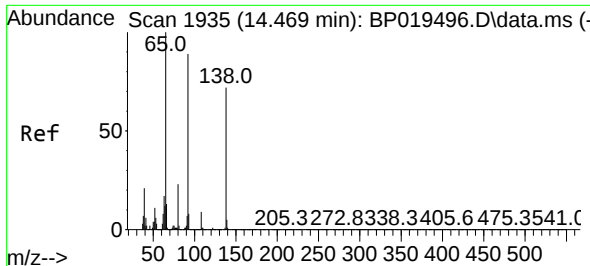
Tgt Ion:165 Resp: 140687
Ion Ratio Lower Upper
165 100
63 56.4 50.4 75.6
89 58.1 51.7 77.5



#52
Acenaphthene
Concen: 42.661 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:154 Resp: 463451
Ion Ratio Lower Upper
154 100
153 110.3 90.5 135.7
152 52.6 42.1 63.1

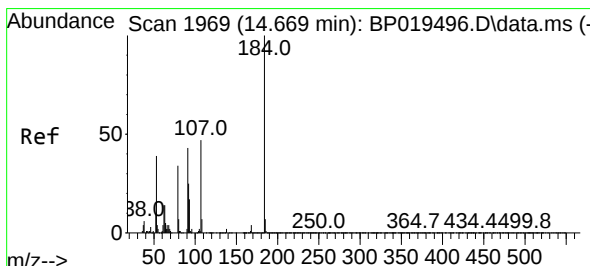
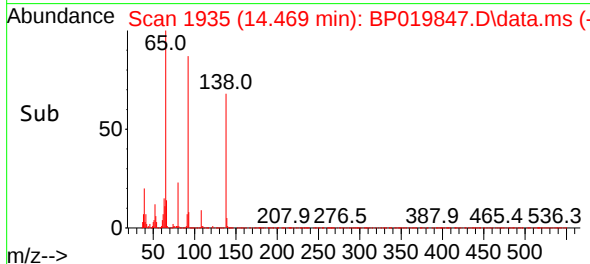
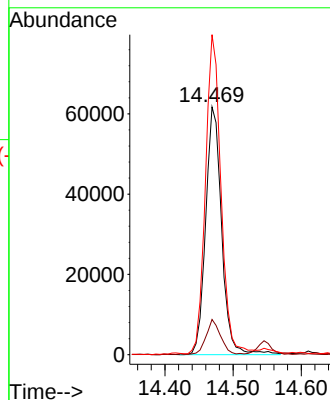
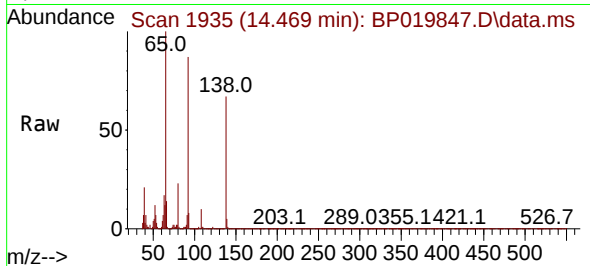




#53
3-Nitroaniline
Concen: 34.229 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

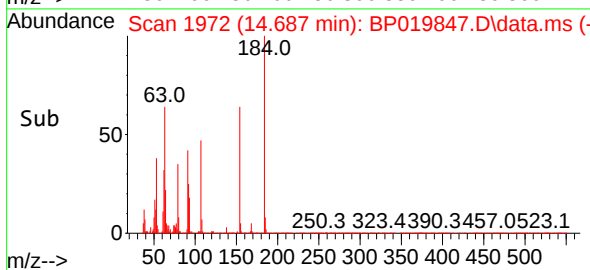
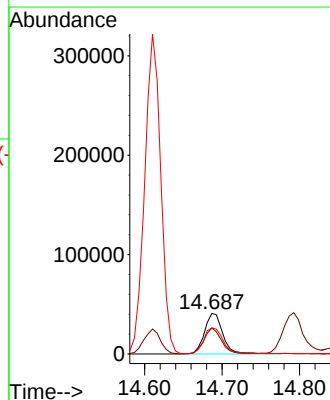
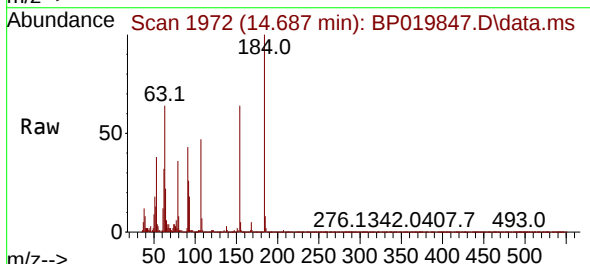
Instrument :
BNA_P
ClientSampleId :
11MSD

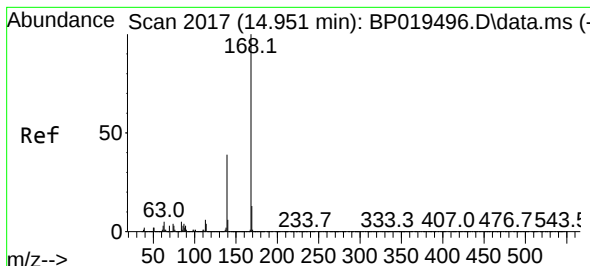
Tgt Ion:138 Resp: 100747
Ion Ratio Lower Upper
138 100
108 14.2 9.7 14.5
92 129.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 40.275 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:184 Resp: 66974
Ion Ratio Lower Upper
184 100
63 64.4 50.5 75.7
154 64.1 53.4 80.0





#55

Dibenzenofuran

Concen: 44.929 ng

RT: 14.945 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

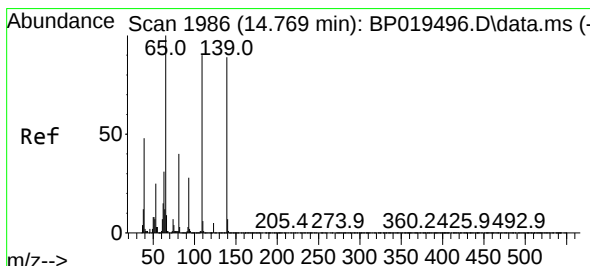
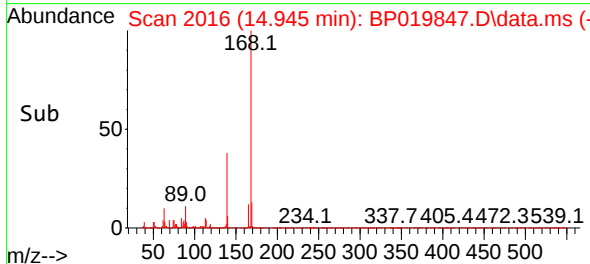
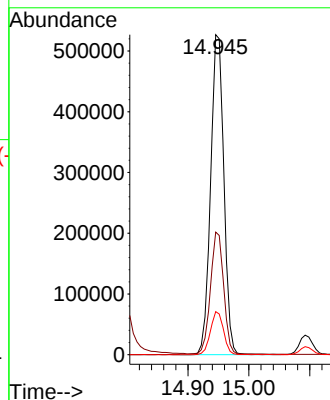
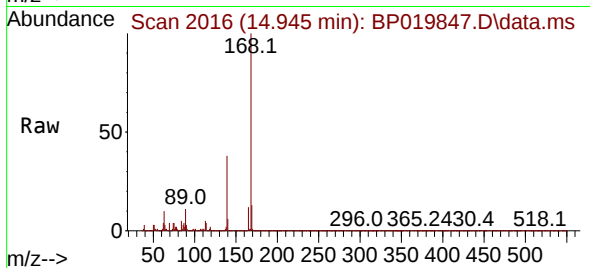
Tgt Ion:168 Resp: 794951

Ion Ratio Lower Upper

168 100

139 38.3 31.5 47.3

169 13.5 10.3 15.5



#56

4-Nitrophenol

Concen: 94.722 ng

RT: 14.793 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

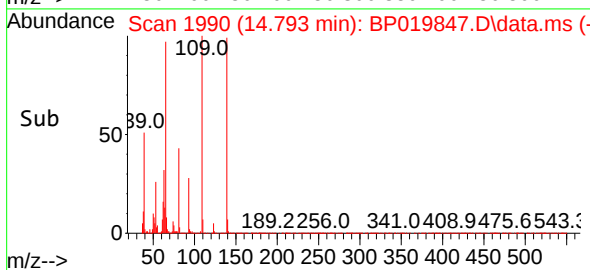
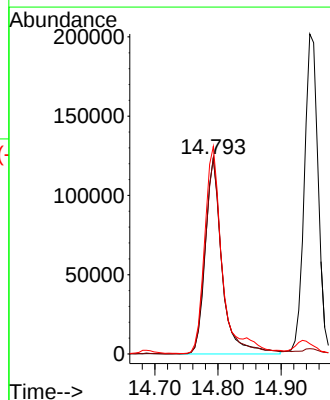
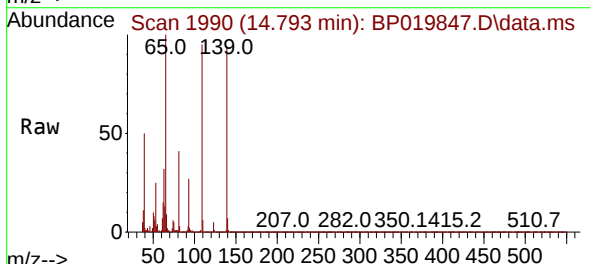
Tgt Ion:139 Resp: 228514

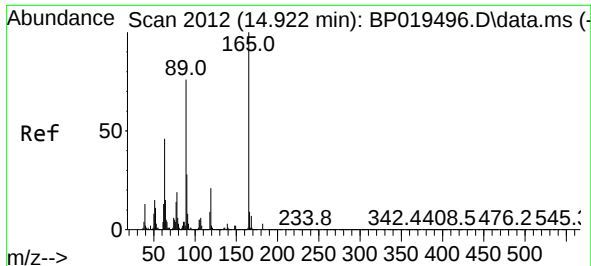
Ion Ratio Lower Upper

139 100

109 100.5 82.0 122.0

65 106.2 92.9 132.9

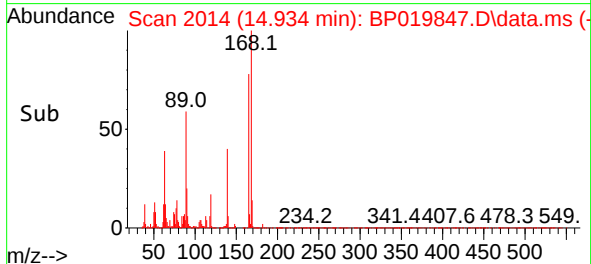
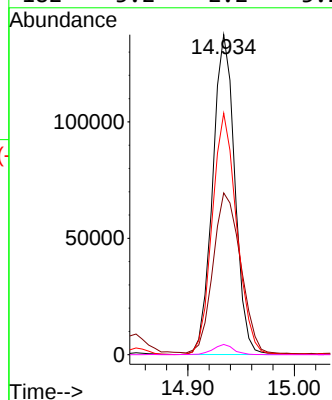
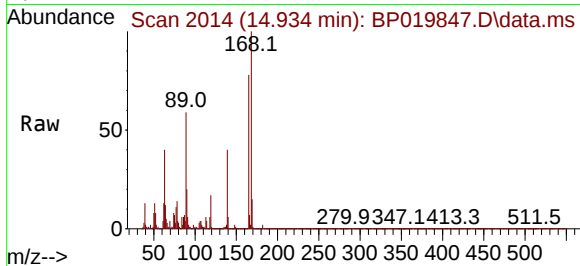




#57
2,4-Dinitrotoluene
Concen: 47.318 ng
RT: 14.934 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

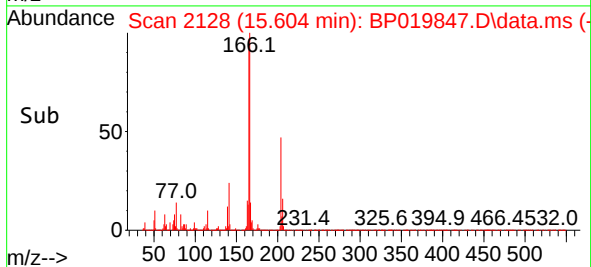
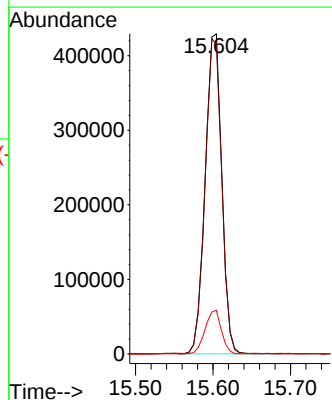
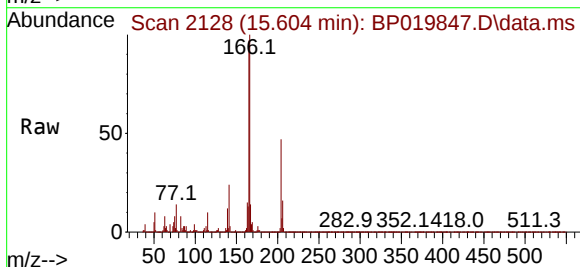
Instrument :
BNA_P
ClientSampleId :
11MSD

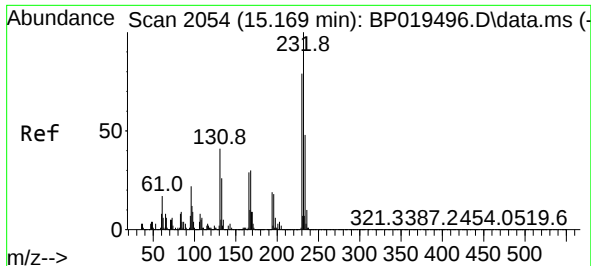
Tgt Ion:165 Resp: 198593
Ion Ratio Lower Upper
165 100
63 50.6 36.9 55.3
89 75.5 61.1 91.7
182 3.2 2.2 3.2



#58
Fluorene
Concen: 45.211 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:166 Resp: 637128
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.8
167 13.7 10.7 16.1

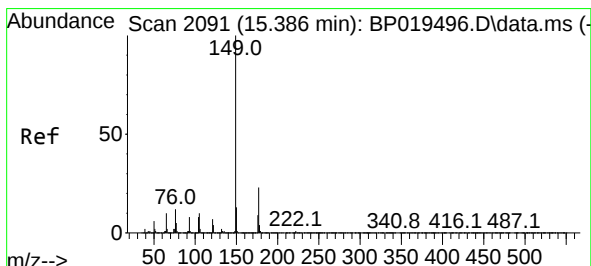
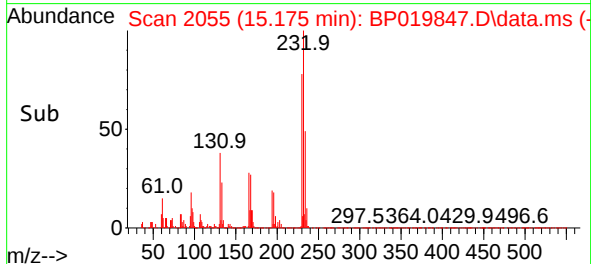
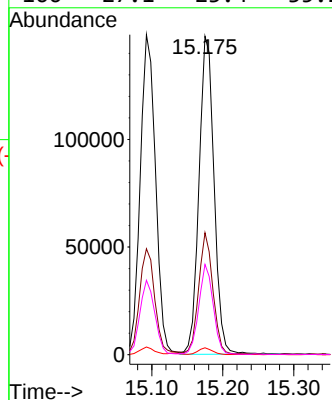
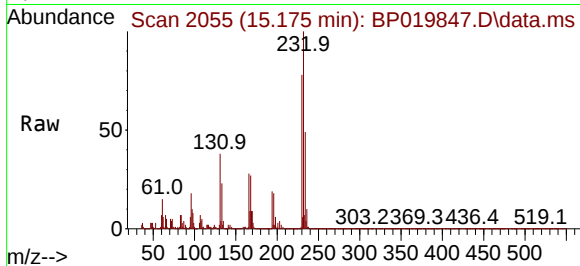




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.182 ng
RT: 15.175 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

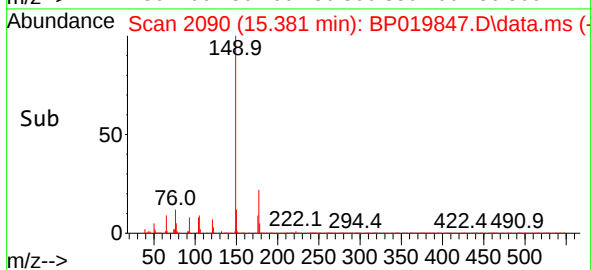
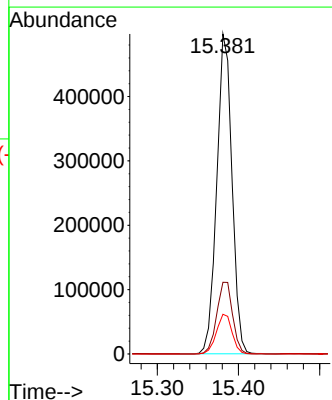
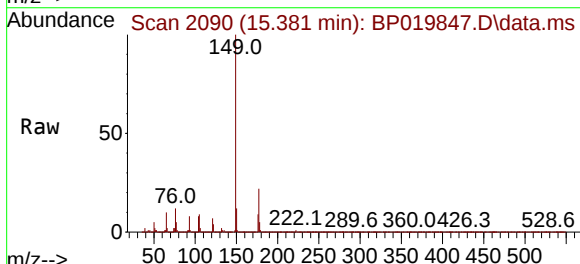
Instrument :
BNA_P
ClientSampleId :
11MSD

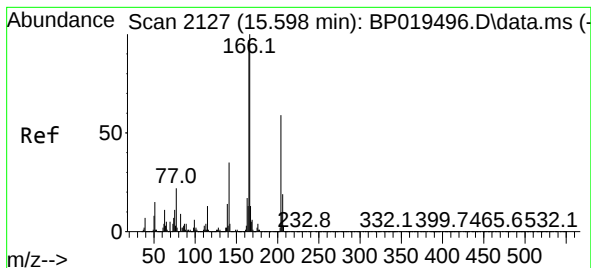
Tgt Ion:232 Resp: 218434
Ion Ratio Lower Upper
232 100
131 36.7 32.4 48.6
130 2.0 1.9 2.9
166 27.1 23.4 35.2



#60
Diethylphthalate
Concen: 44.721 ng
RT: 15.381 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:149 Resp: 648431
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.4 10.2 15.4

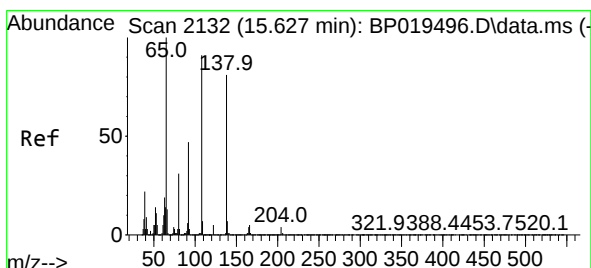
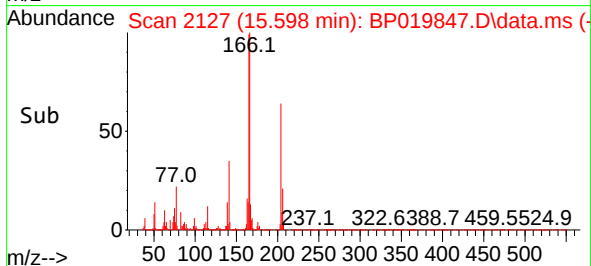
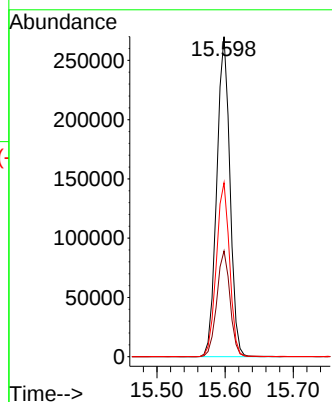
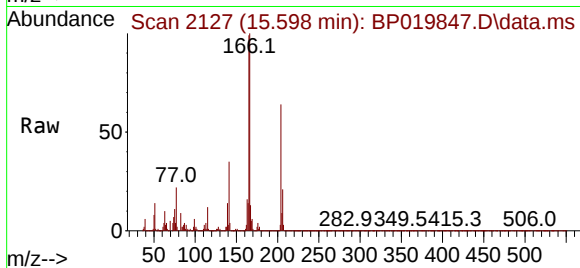




#61
4-Chlorophenyl-phenylether
Concen: 45.769 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

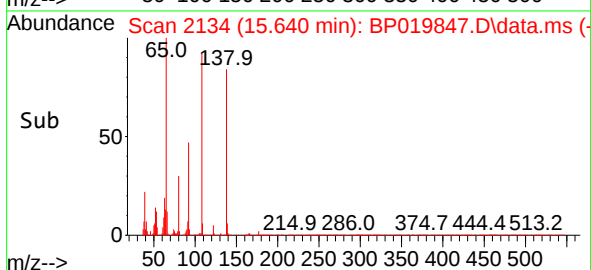
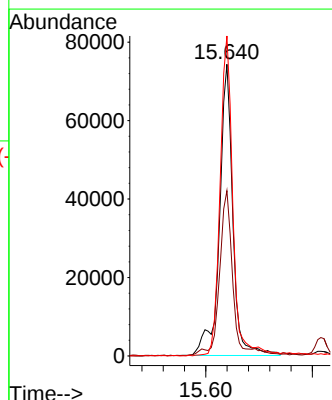
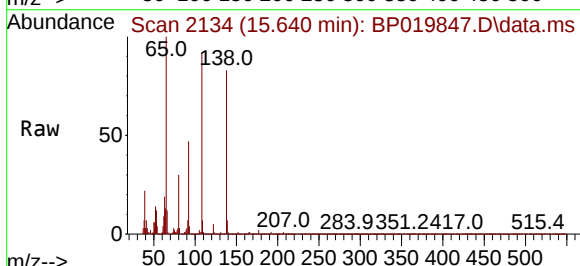
Instrument :
BNA_P
ClientSampleId :
11MSD

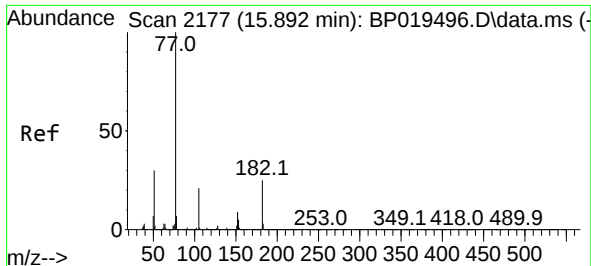
Tgt Ion:204 Resp: 362524
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 54.4 48.5 72.7



#62
4-Nitroaniline
Concen: 42.051 ng
RT: 15.640 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:138 Resp: 129735
Ion Ratio Lower Upper
138 100
92 56.7 38.3 78.3
108 109.7 91.2 131.2

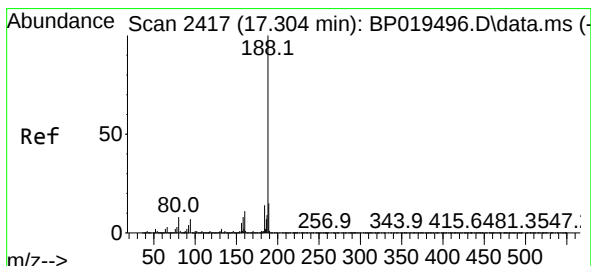
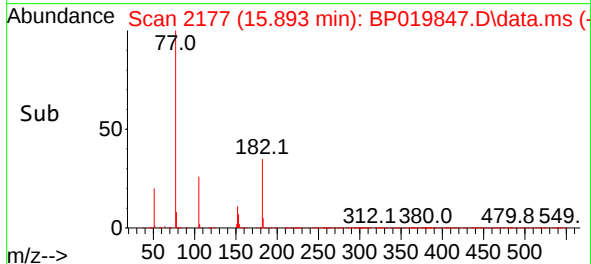
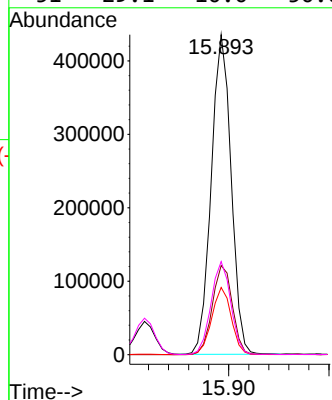
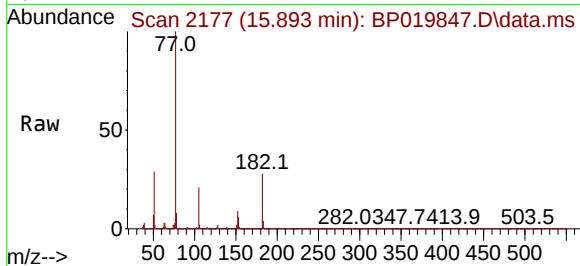




#63
Azobenzene
Concen: 42.756 ng
RT: 15.893 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

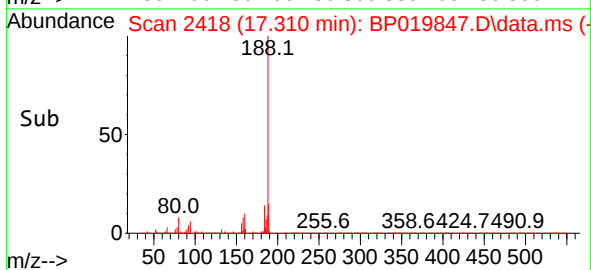
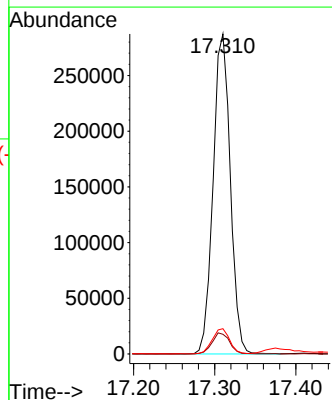
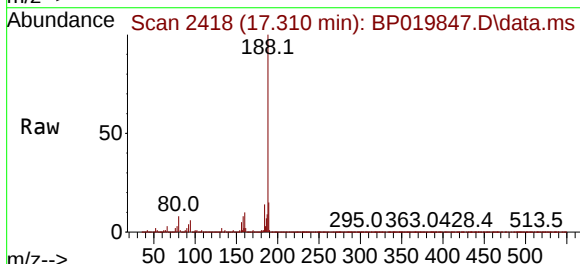
Instrument :
BNA_P
ClientSampleId :
11MSD

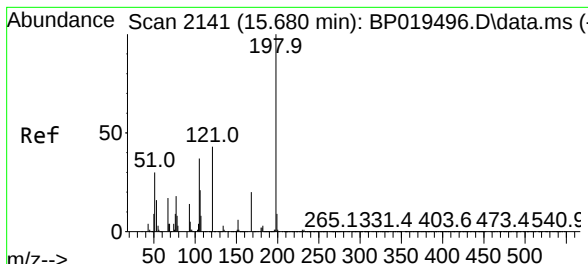
Tgt Ion: 77	Resp: 599481
Ion Ratio	Lower Upper
77 100	
182 27.8	5.1 45.1
105 21.0	0.8 40.8
51 29.1	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:188	Resp: 422186
Ion Ratio	Lower Upper
188 100	
94 6.2	5.4 8.2
80 7.9	6.3 9.5

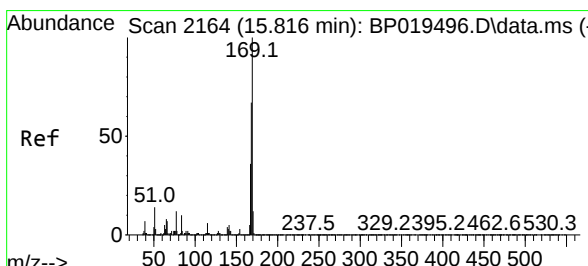
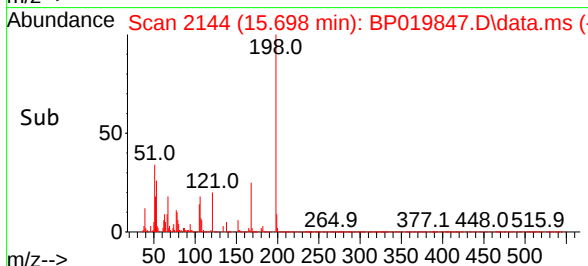
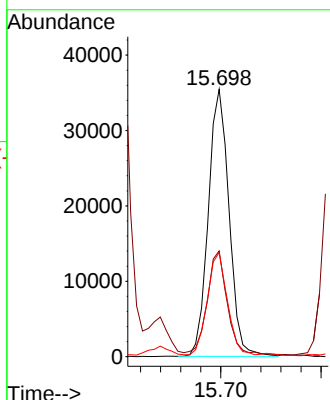
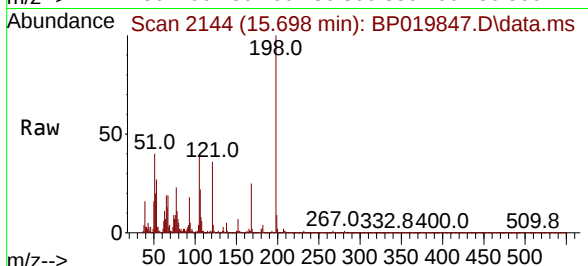




#65
4,6-Dinitro-2-methylphenol
Concen: 21.140 ng
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

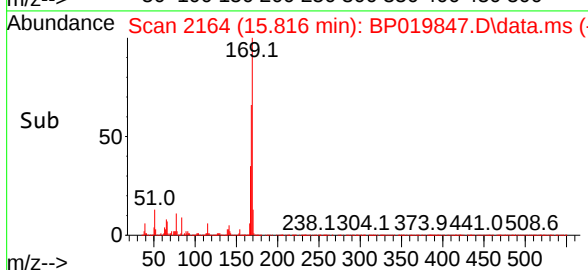
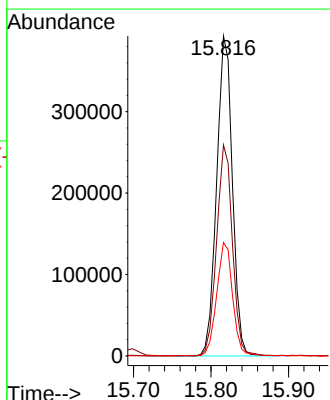
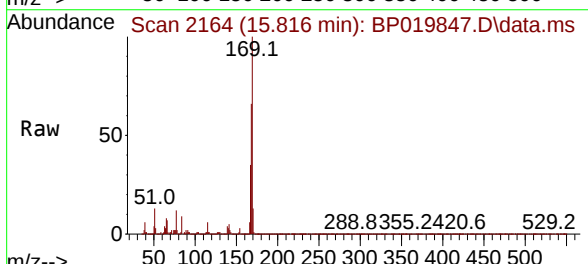
Instrument :
BNA_P
ClientSampleId :
11MSD

Tgt Ion:	198	Resp:	50891
Ion	Ratio	Lower	Upper
198	100		
51	39.5	21.2	61.2
105	39.0	19.1	59.1



#66
n-Nitrosodiphenylamine
Concen: 43.881 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:	169	Resp:	554828
Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.4	80.2
167	35.4	28.9	43.3

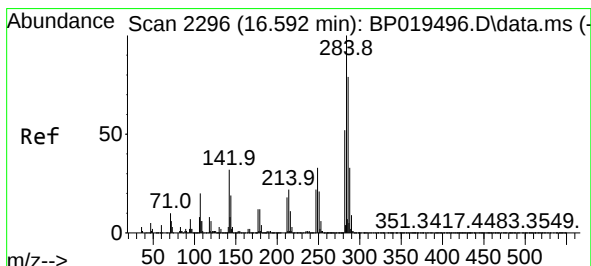
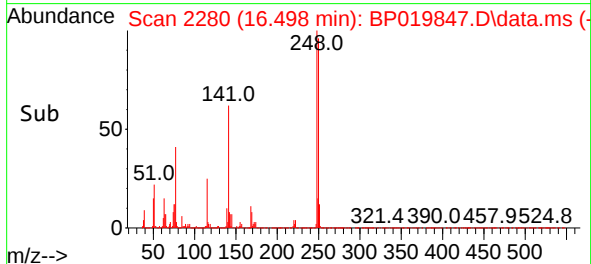
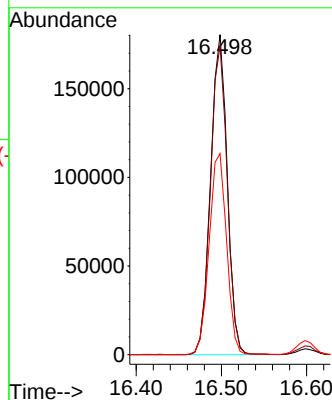
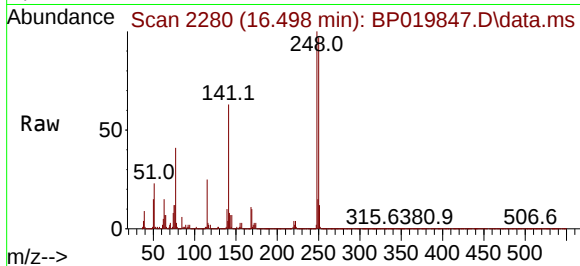




#67
4-Bromophenyl-phenylether
Concen: 46.554 ng
RT: 16.498 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

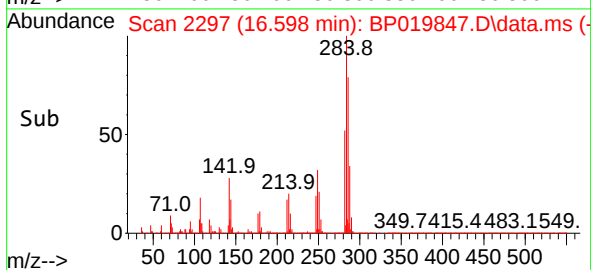
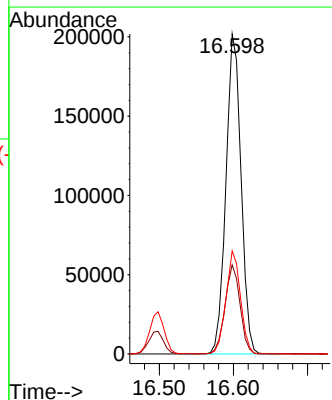
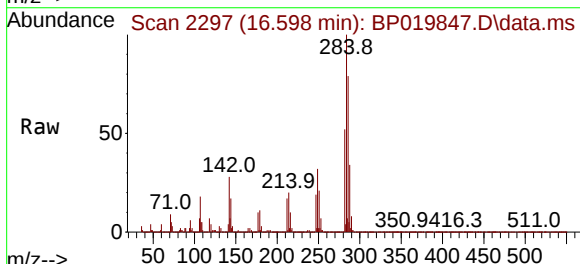
Instrument :
BNA_P
ClientSampleId :
11MSD

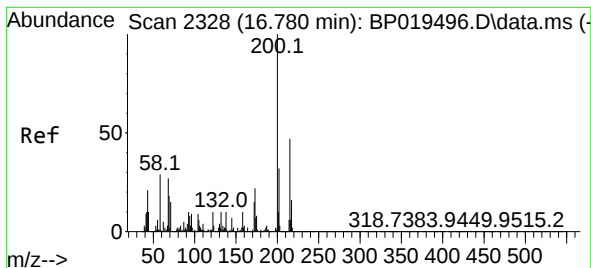
Tgt Ion:248 Resp: 245705
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 62.9 58.0 87.0



#68
Hexachlorobenzene
Concen: 46.308 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:284 Resp: 285409
Ion Ratio Lower Upper
284 100
142 27.9 25.4 38.2
249 32.2 26.5 39.7





#69

Atrazine

Concen: 52.411 ng

RT: 16.787 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

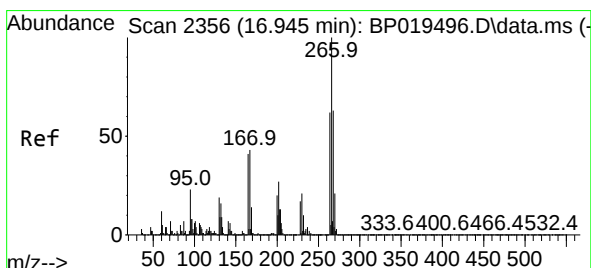
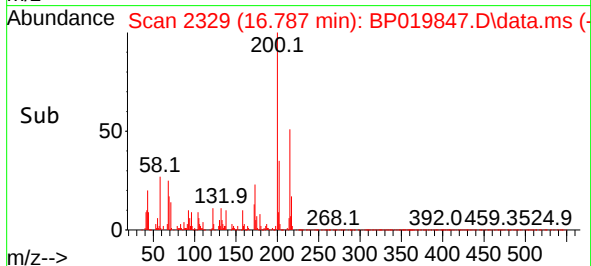
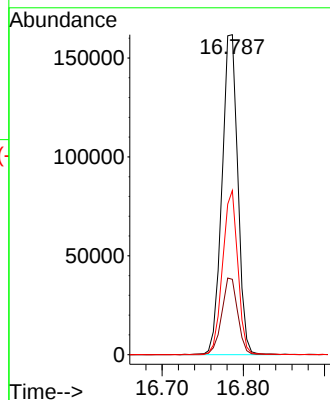
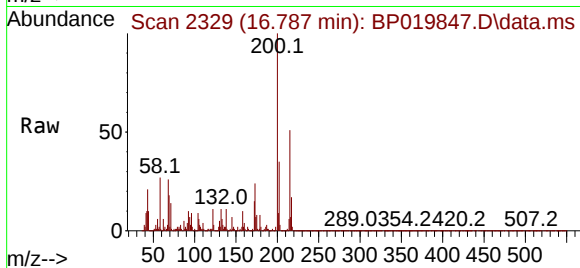
Tgt Ion:200 Resp: 219902

Ion Ratio Lower Upper

200 100

173 23.5 1.7 41.7

215 51.3 26.9 66.9



#70

Pentachlorophenol

Concen: 101.143 ng

RT: 16.957 min Scan# 2358

Delta R.T. 0.000 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

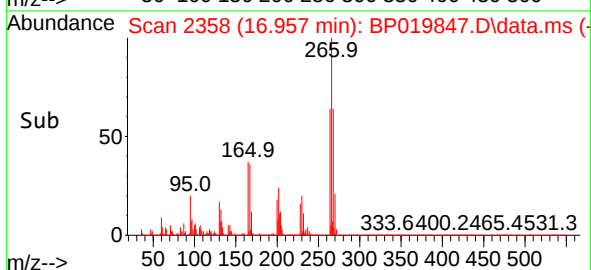
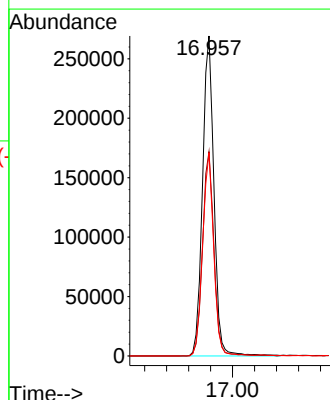
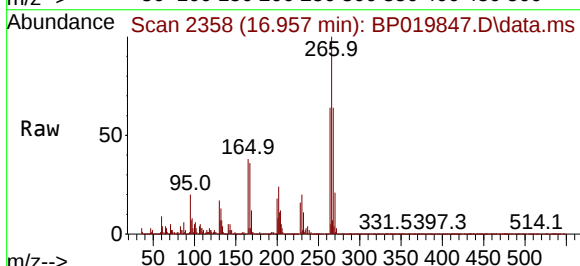
Tgt Ion:266 Resp: 388205

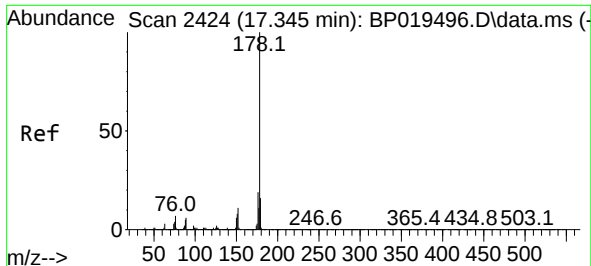
Ion Ratio Lower Upper

266 100

268 63.9 50.3 75.5

264 63.5 49.7 74.5

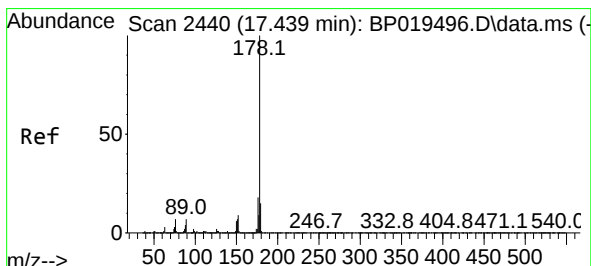
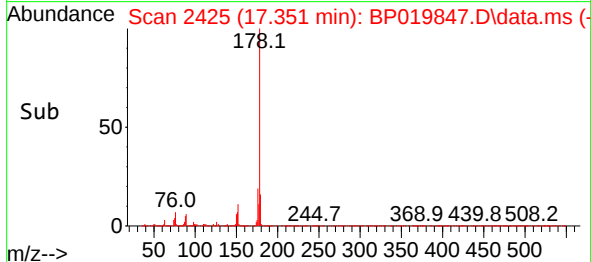
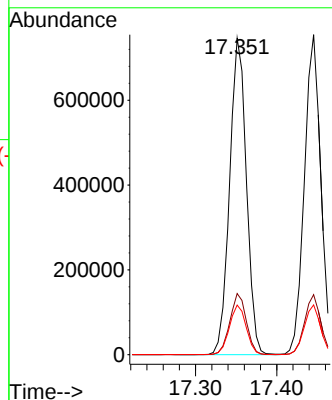
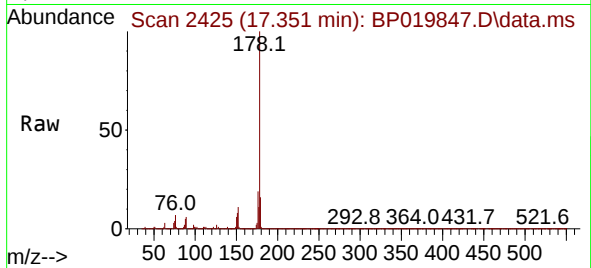




#71
Phenanthrene
Concen: 48.288 ng
RT: 17.351 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

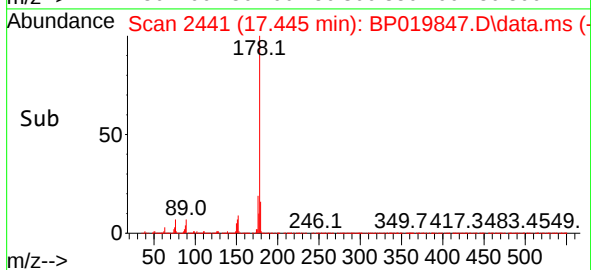
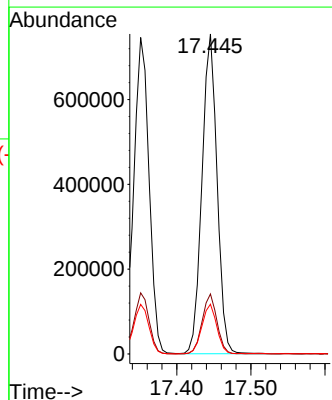
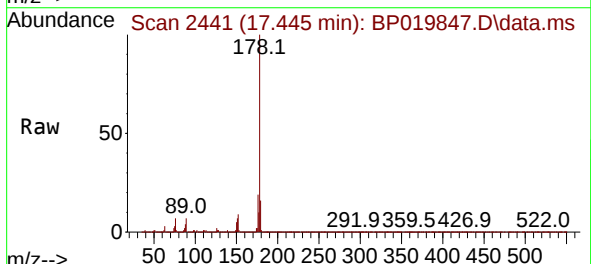
Instrument :
BNA_P
ClientSampleId :
11MSD

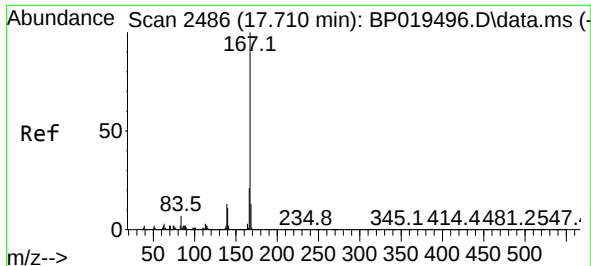
Tgt Ion:178 Resp: 1072875
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.7 12.6 19.0



#72
Anthracene
Concen: 48.083 ng
RT: 17.445 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:178 Resp: 1065700
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.2

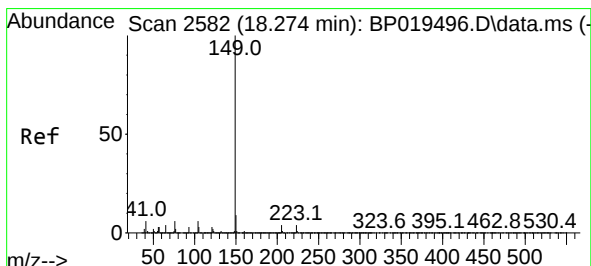
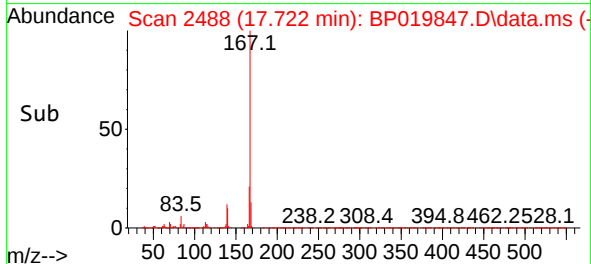
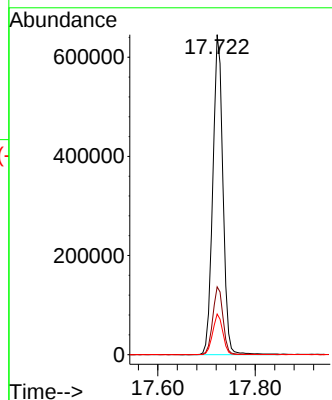
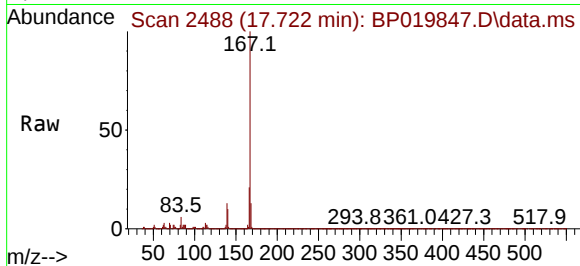




#73
 Carbazole
 Concen: 45.971 ng
 RT: 17.722 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019847.D
 Acq: 23 Feb 2024 17:14

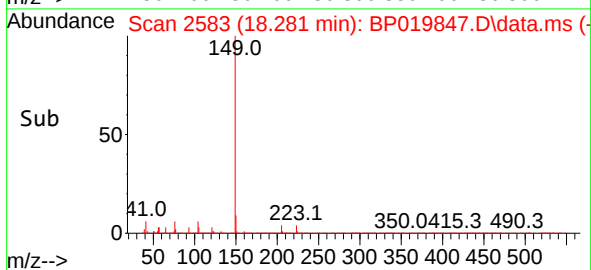
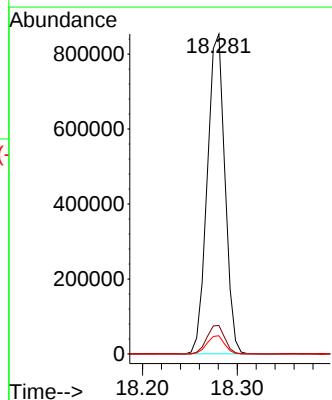
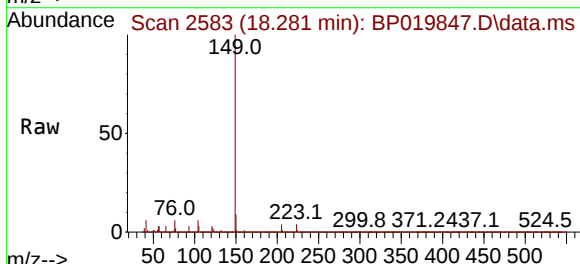
Instrument :
 BNA_P
 ClientSampleId :
 11MSD

Tgt Ion:167 Resp: 925626
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 45.234 ng
 RT: 18.281 min Scan# 2583
 Delta R.T. 0.000 min
 Lab File: BP019847.D
 Acq: 23 Feb 2024 17:14

Tgt Ion:149 Resp: 1101232
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.7 4.8 7.2

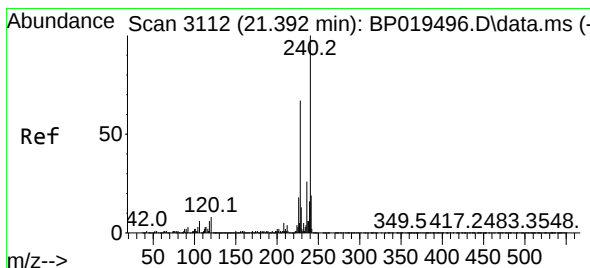
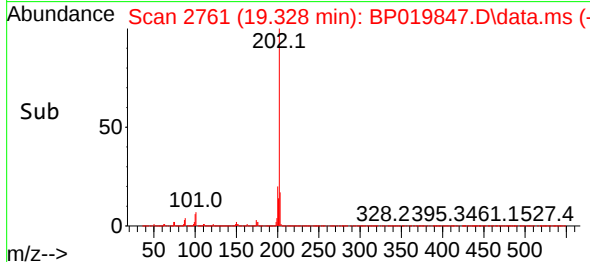
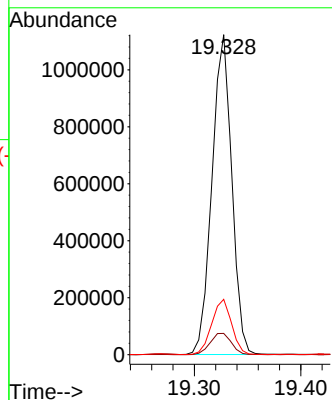
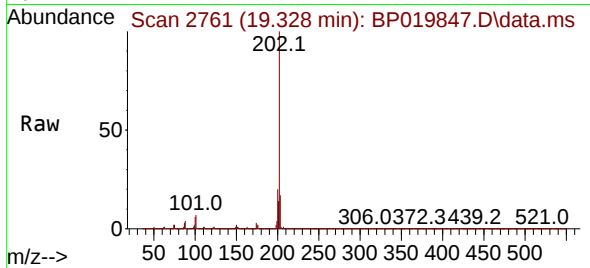




#75
Fluoranthene
Concen: 53.405 ng
RT: 19.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

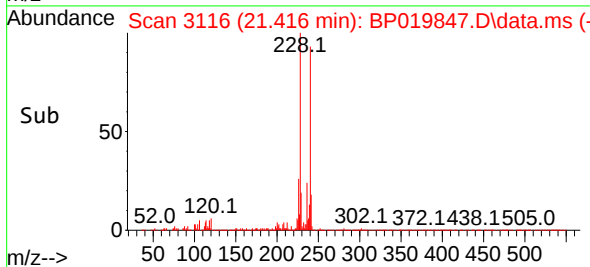
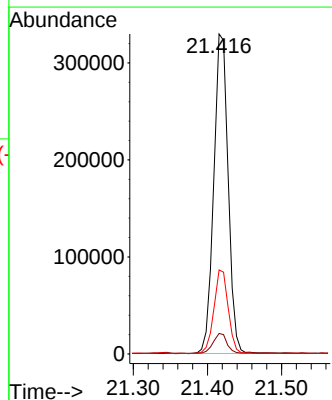
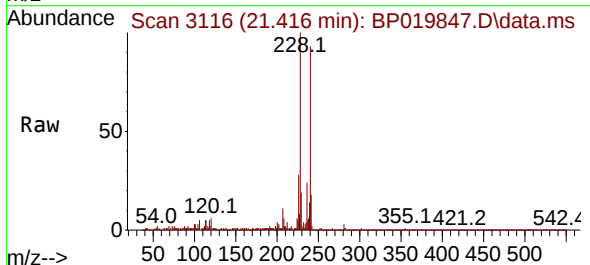
Instrument :
BNA_P
ClientSampleId :
11MSD

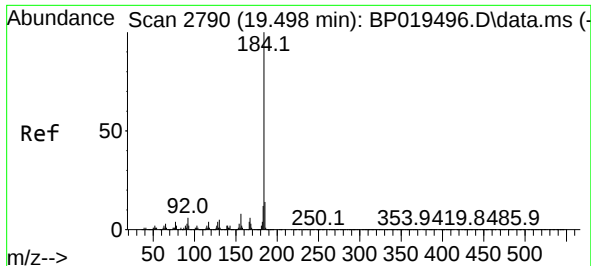
Tgt Ion:202 Resp: 1449510
Ion Ratio Lower Upper
202 100
101 6.7 0.0 27.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:240 Resp: 444562
Ion Ratio Lower Upper
240 100
120 6.4 6.1 9.1
236 26.2 20.7 31.1

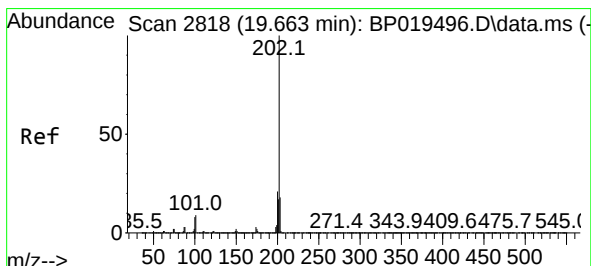
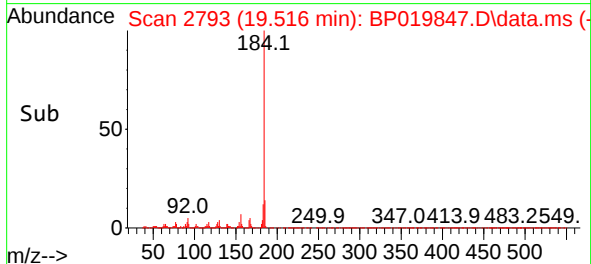
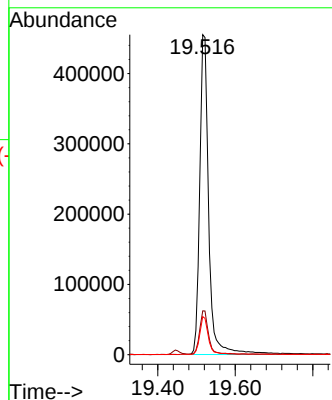
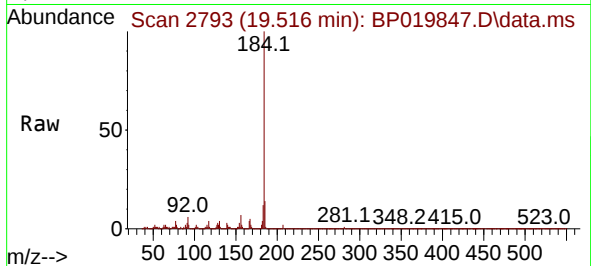




#77
Benzidine
Concen: 78.654 ng
RT: 19.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

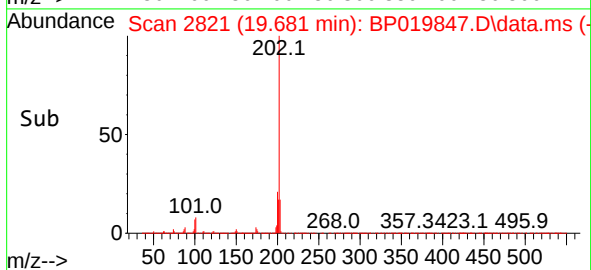
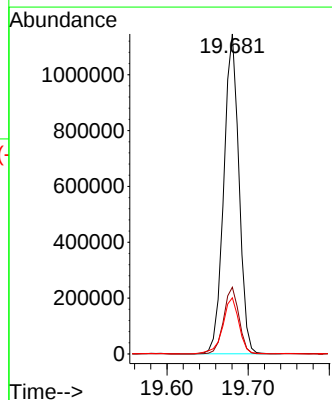
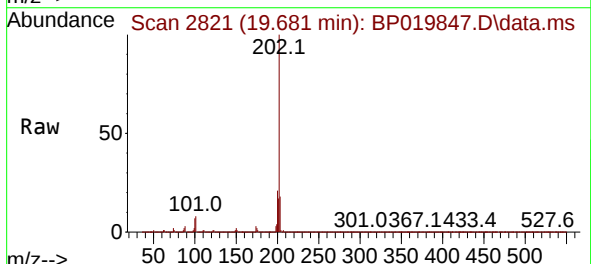
Instrument :
BNA_P
ClientSampleId :
11MSD

Tgt Ion:184 Resp: 731036
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 11.9 9.7 14.5



#78
Pyrene
Concen: 47.533 ng
RT: 19.681 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:202 Resp: 1491366
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 57.639 ng

RT: 19.881 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

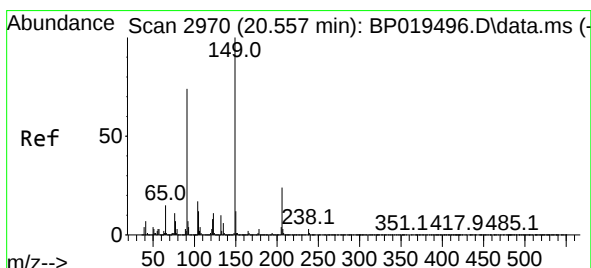
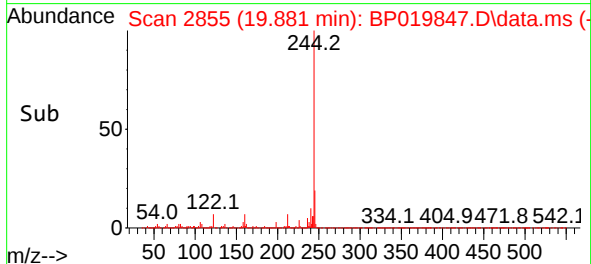
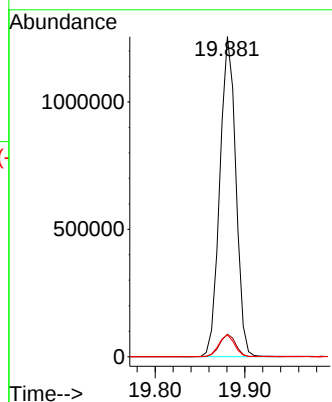
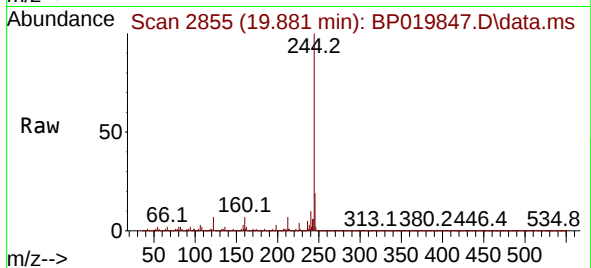
Tgt Ion:244 Resp: 1558123

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.8 5.9 8.9



#80

Butylbenzylphthalate

Concen: 43.179 ng

RT: 20.569 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

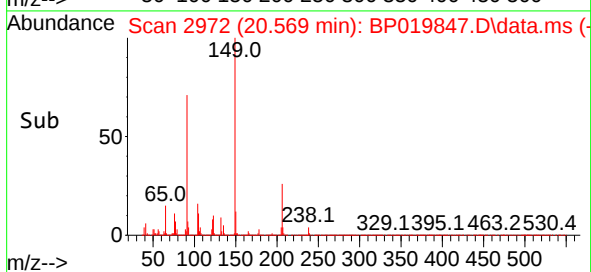
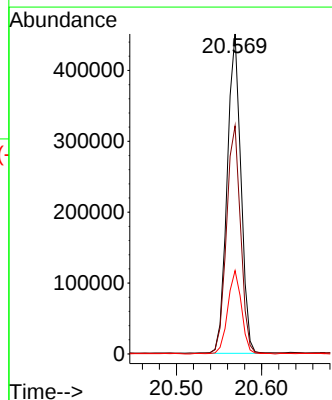
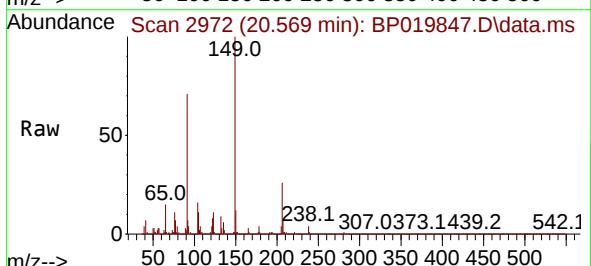
Tgt Ion:149 Resp: 505922

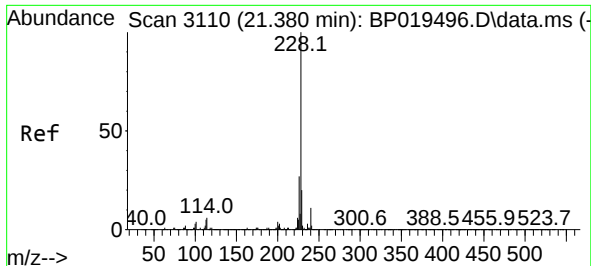
Ion Ratio Lower Upper

149 100

91 71.3 59.4 89.0

206 26.1 19.0 28.6

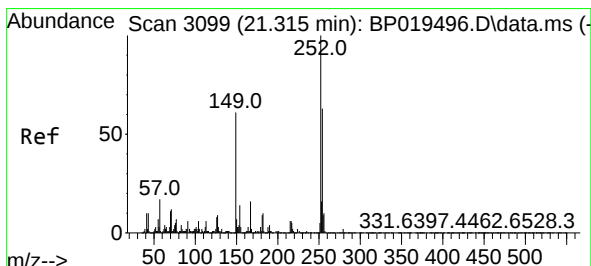
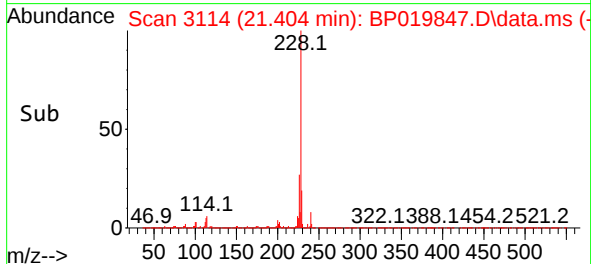
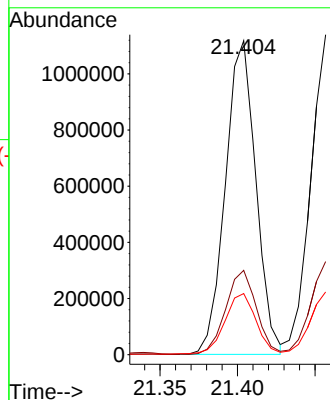
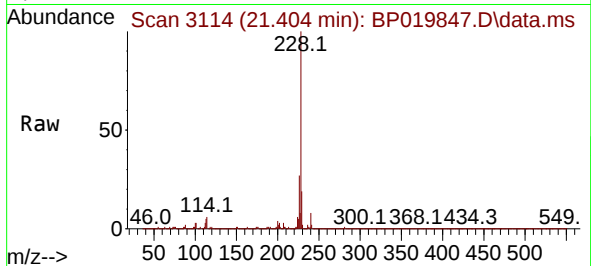




#81
Benzo(a)anthracene
Concen: 48.865 ng
RT: 21.404 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

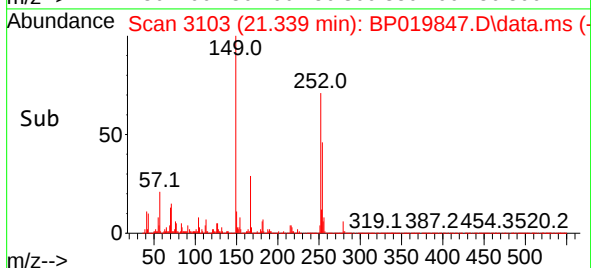
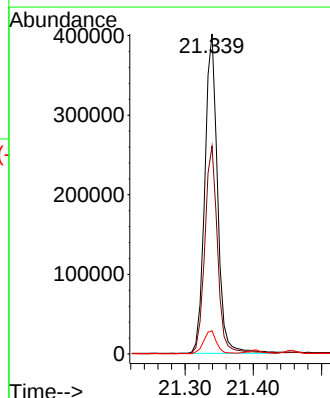
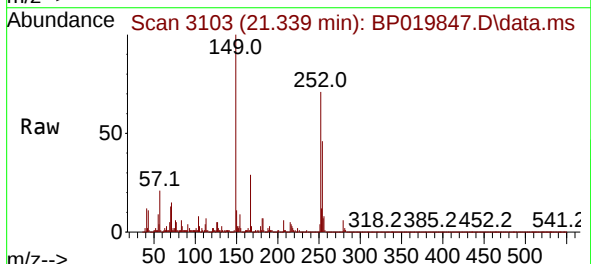
Instrument :
BNA_P
ClientSampleId :
11MSD

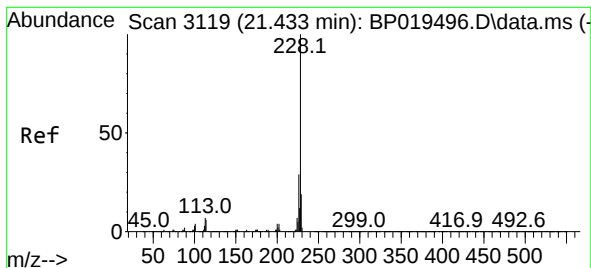
Tgt Ion:228 Resp: 1529188
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 45.793 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:252 Resp: 522199
Ion Ratio Lower Upper
252 100
254 65.0 50.7 76.1
126 7.3 6.4 9.6





#83

Chrysene

Concen: 47.779 ng

RT: 21.457 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

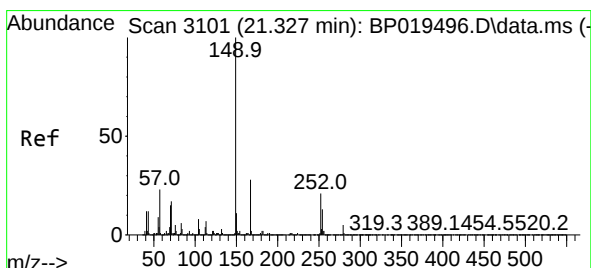
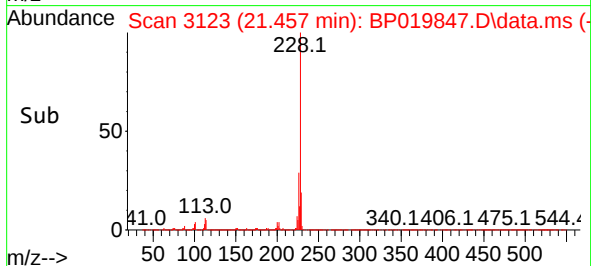
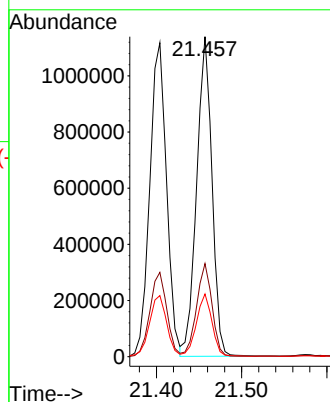
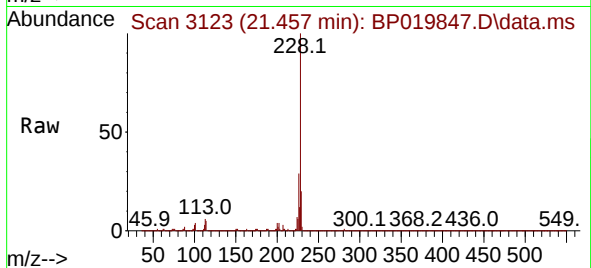
Tgt Ion:228 Resp: 1419551

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.869 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

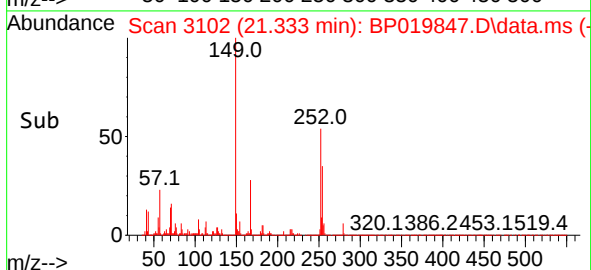
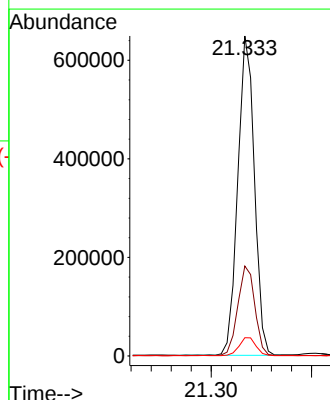
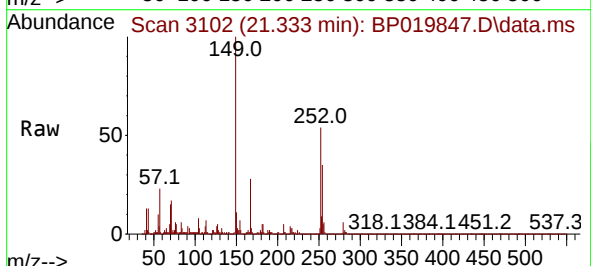
Tgt Ion:149 Resp: 747028

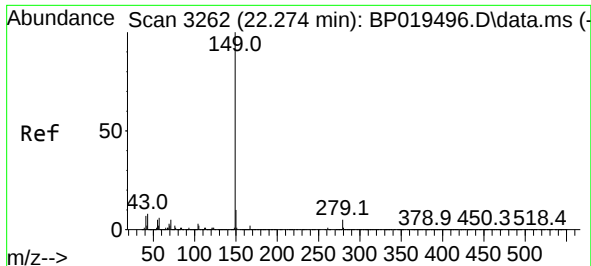
Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

279 5.7 4.2 6.2

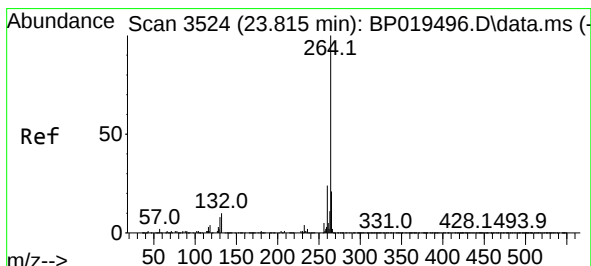
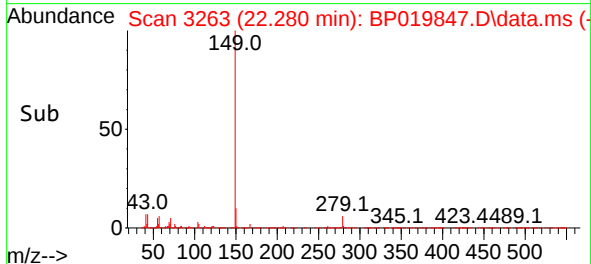
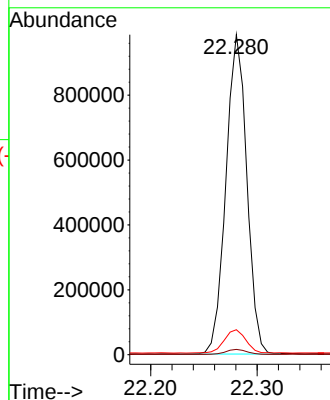
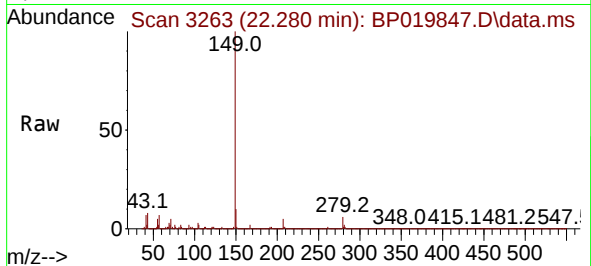




#85
Di-n-octyl phthalate
Concen: 42.657 ng
RT: 22.280 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

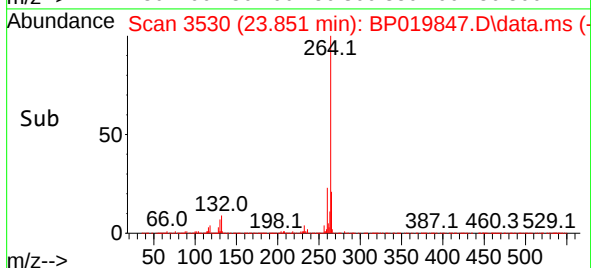
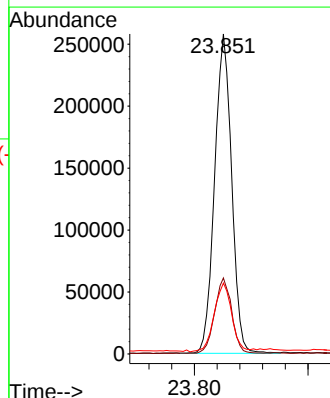
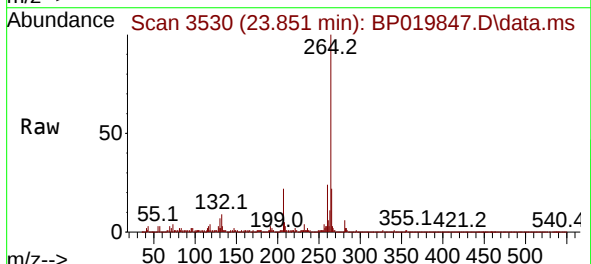
Instrument :
BNA_P
ClientSampleId :
11MSD

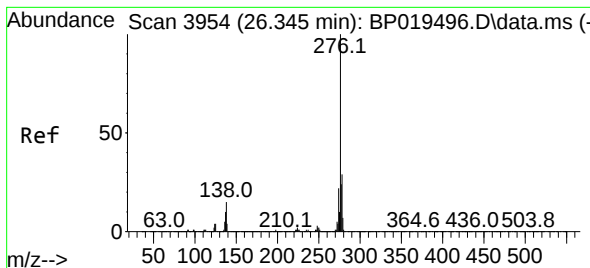
Tgt Ion:149 Resp: 1339072
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 3530
Delta R.T. -0.018 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:264 Resp: 535994
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.595 ng

RT: 26.415 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

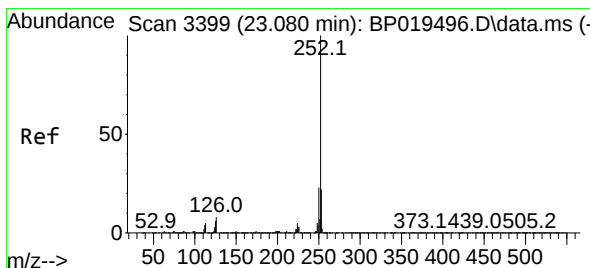
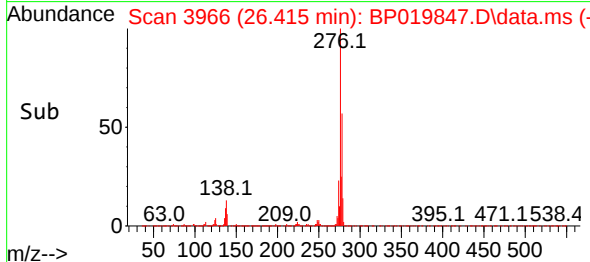
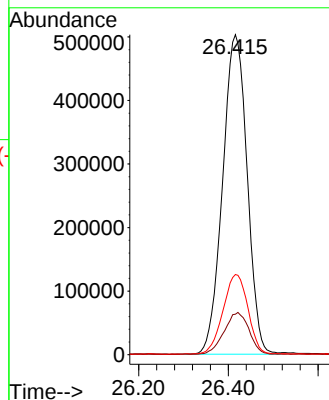
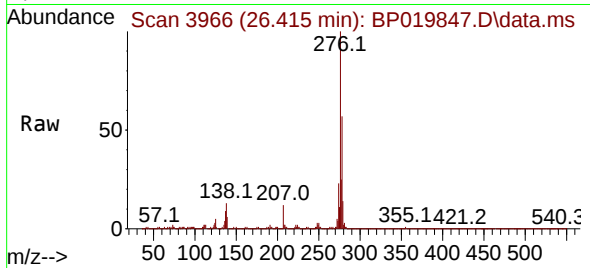
Tgt Ion:276 Resp: 1911715

Ion Ratio Lower Upper

276 100

138 13.3 13.1 19.7

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.860 ng

RT: 23.110 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

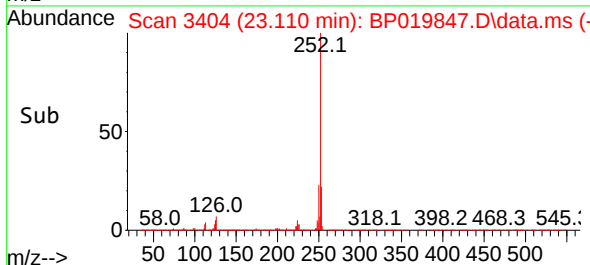
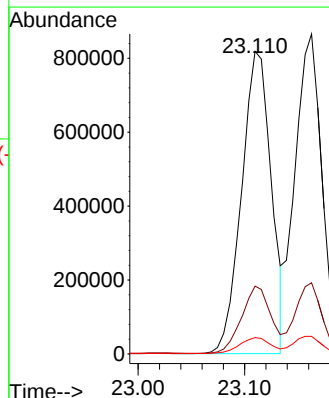
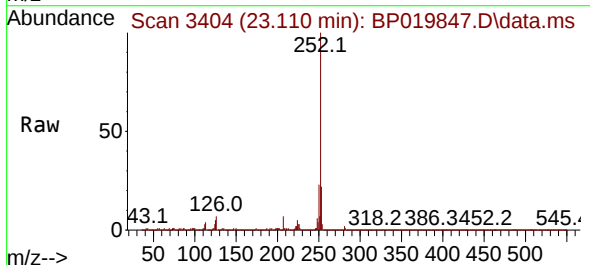
Tgt Ion:252 Resp: 1582989

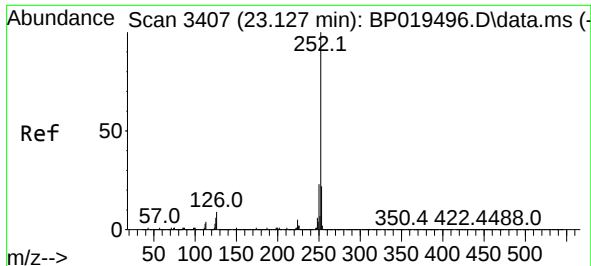
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 5.4 4.9 7.3

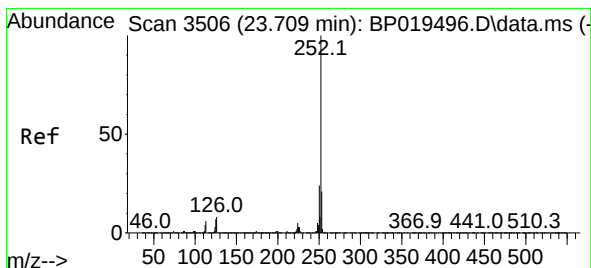
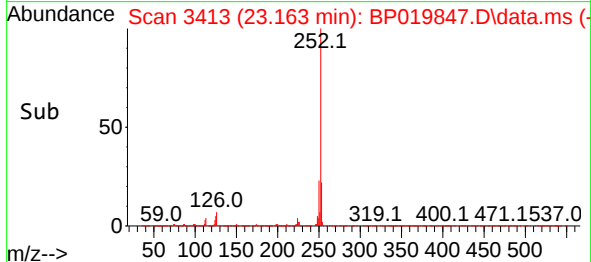
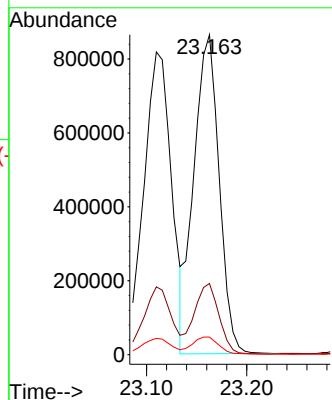
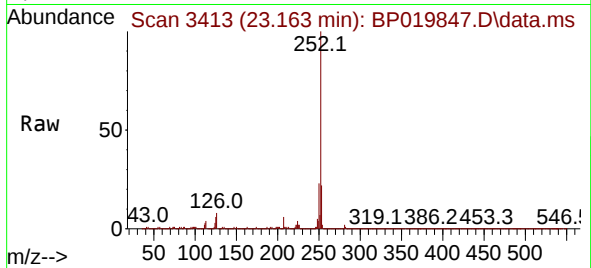




#89
Benzo(k)fluoranthene
Concen: 46.820 ng
RT: 23.163 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

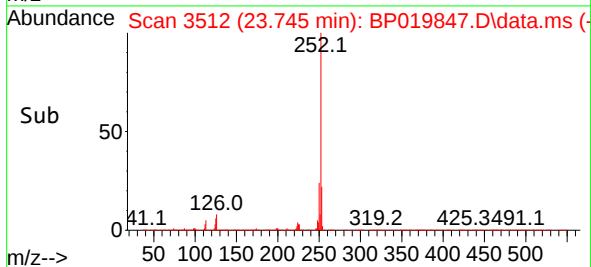
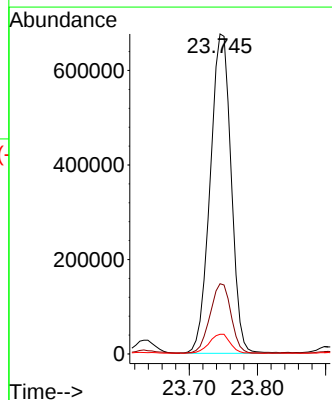
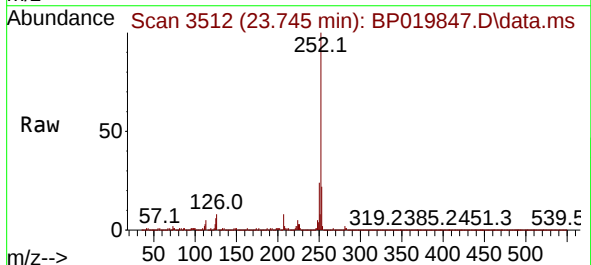
Instrument :
BNA_P
ClientSampleId :
11MSD

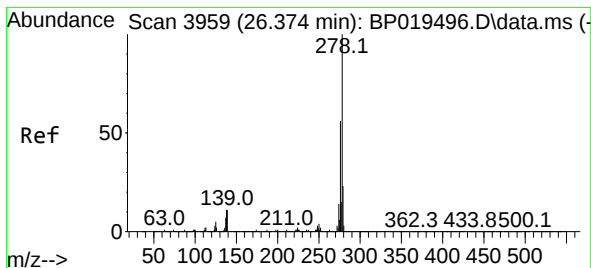
Tgt Ion:252 Resp: 1510820
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 5.5 5.0 7.6



#90
Benzo(a)pyrene
Concen: 48.119 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.018 min
Lab File: BP019847.D
Acq: 23 Feb 2024 17:14

Tgt Ion:252 Resp: 1446327
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.2 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 45.417 ng

RT: 26.439 min Scan# 3959

Delta R.T. -0.018 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Instrument :

BNA_P

ClientSampleId :

11MSD

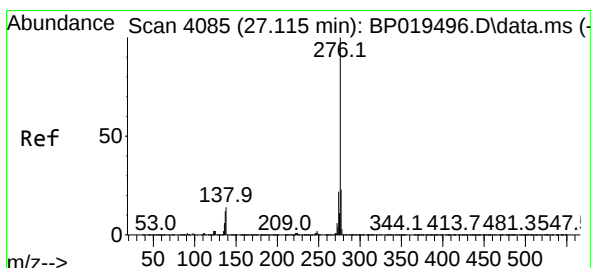
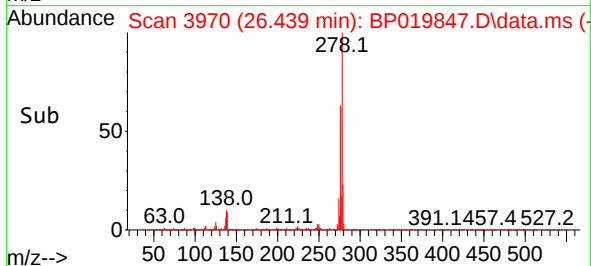
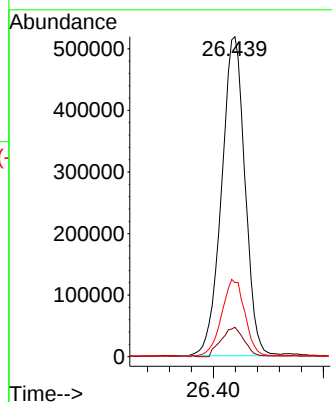
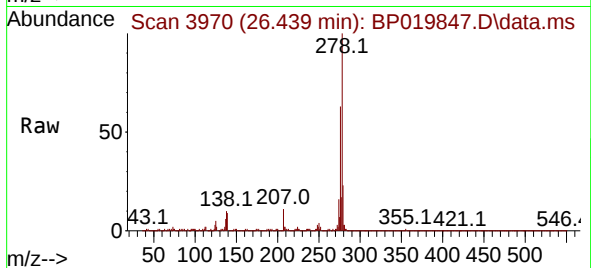
Tgt Ion:278 Resp: 1532542

Ion Ratio Lower Upper

278 100

139 9.2 8.6 12.8

279 23.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 43.712 ng

RT: 27.204 min Scan# 4100

Delta R.T. -0.012 min

Lab File: BP019847.D

Acq: 23 Feb 2024 17:14

Tgt Ion:276 Resp: 1496428

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 11.2 10.9 16.3

