

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023082.D
 Acq On : 13 Nov 2024 15:31
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 14 01:24:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	46617	20.000	ng/ul	0.00
20) Naphthalene-d8	10.328	136	184173	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.192	164	166989	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.004	188	469057	20.000	ng/ul	-0.01
79) Chrysene-d12	21.433	240	600906	20.000	ng/ul	-0.01
88) Perylene-d12	24.651	264	754592	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	8340	8.599	ng/uL	0.00
4) Pyridine-d5	3.552	84	59678	20.711	ng/ul	0.00
7) Phenol-d5	6.787	99	67033	19.449	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	43188	21.328	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	50515	20.013	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	55220	19.470	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	27368	21.345	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	32175	21.049	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	67699	21.149	ng/ul	0.00
31) 4-Chloroaniline-d4	10.487	131	79052	20.700	ng/ul	0.00
46) Dimethylphthalate-d6	13.604	166	248851	20.677	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	264974	21.100	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.451	143	33395	18.464	ng/ul	0.00
60) Fluorene-d10	15.210	176	236830	22.444	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	53245	18.949	ng/ul	0.00
73) Anthracene-d10	17.104	188	439856	22.147	ng/ul	-0.01
81) Pyrene-d10	19.486	212	580562	20.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.421	264	777042	21.618	ng/ul	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.175	88	8915	7.956	ng/uL	97
5) Pyridine	3.569	79	60252	20.822	ng/ul	99
6) Benzaldehyde	6.752	77	48441	24.424	ng/ul	100
8) Phenol	6.816	94	70342	19.545	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.022	93	52412	19.379	ng/ul	98
12) 2-Chlorophenol	7.163	128	54608	20.838	ng/ul	98
13) 2-Methylphenol	8.034	108	53226	19.812	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	64958	21.217	ng/ul#	93
16) Acetophenone	8.399	105	99315	20.839	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.381	70	51324	21.567	ng/ul	95
18) 4-Methylphenol	8.357	108	59383	20.012	ng/ul	99
19) Hexachloroethane	8.628	117	26310	20.759	ng/ul	98
22) Nitrobenzene	8.769	77	80501	21.881	ng/ul	92
23) Isophorone	9.281	82	139311	21.177	ng/ul	99
25) 2-Nitrophenol	9.475	139	34314	21.268	ng/ul	97
26) 2,4-Dimethylphenol	9.534	107	76884	22.068	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.763	93	76661	21.180	ng/ul	100
29) 2,4-Dichlorophenol	10.004	162	67275	21.217	ng/ul	94
30) Naphthalene	10.381	128	185279	20.707	ng/ul	100
32) 4-Chloroaniline	10.510	127	75192	20.323	ng/ul	100
33) Hexachlorobutadiene	10.651	225	64880	22.614	ng/ul	96
34) Caprolactam	11.293	113	17641	18.705	ng/ul	89
35) 4-Chloro-3-methylphenol	11.651	107	77177	22.626	ng/ul	96
36) 2-Methylnaphthalene	11.992	142	147145	21.783	ng/ul	98

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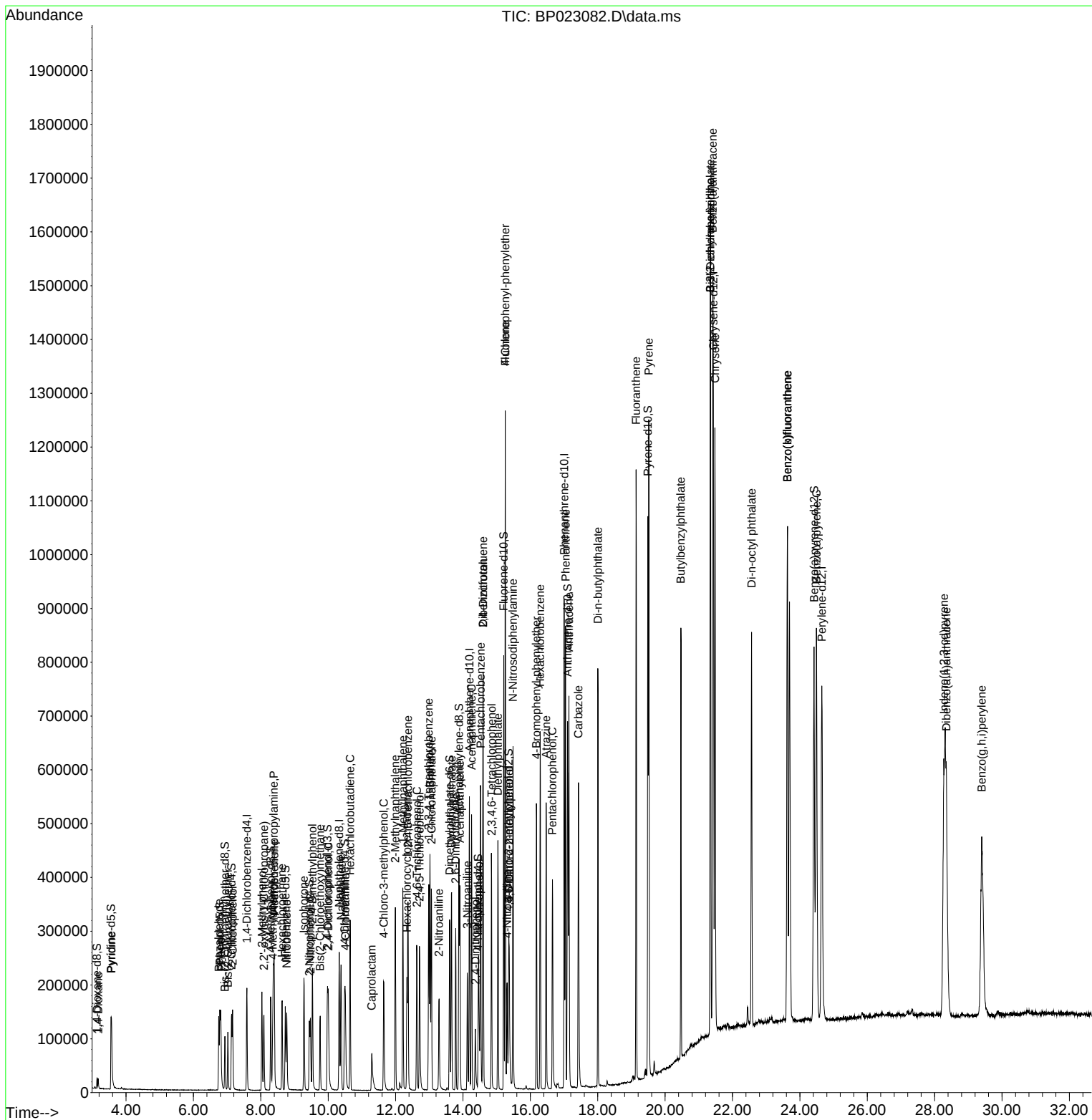
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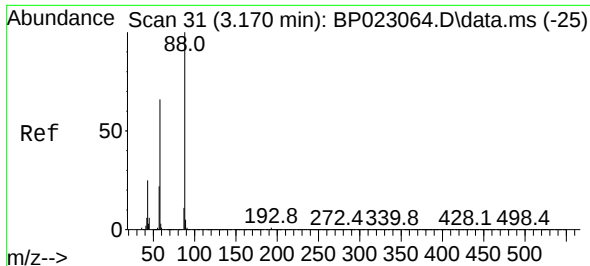
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.216	142	148800	21.548	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.369	216	114350	20.284	ng/ul	97
40) Hexachlorocyclopentadiene	12.340	237	57207	19.320	ng/ul	98
41) 2,4,6-Trichlorophenol	12.634	196	70139	20.432	ng/ul	94
42) 2,4,5-Trichlorophenol	12.710	196	77865	21.040	ng/ul	93
43) 1,1'-Biphenyl	13.022	154	216980	20.278	ng/ul	98
44) 2-Chloronaphthalene	13.063	162	177990	20.349	ng/ul	99
45) 2-Nitroaniline	13.287	65	52131	21.226	ng/ul	94
47) Dimethylphthalate	13.663	163	244220	20.576	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	48042	20.808	ng/ul	92
50) Acenaphthylene	13.910	152	268200	21.128	ng/ul	98
51) 3-Nitroaniline	14.128	138	44442	22.348	ng/ul	97
52) Acenaphthene	14.257	153	197606	21.442	ng/ul	99
53) 2,4-Dinitrophenol	14.369	184	29260	17.861	ng/ul	96
55) 4-Nitrophenol	14.469	109	43356	20.488	ng/ul	97
56) Dibenzofuran	14.598	168	309953	21.768	ng/ul	94
57) 2,4-Dinitrotoluene	14.598	165	82930	22.537	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	14.851	232	81766	22.603	ng/ul#	97
59) Diethylphthalate	15.039	149	262005	22.319	ng/ul	99
61) Fluorene	15.257	166	266244	22.845	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.257	204	158728	23.131	ng/ul	98
63) 4-Nitroaniline	15.310	138	43714	23.624	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.375	198	55435	18.468	ng/ul	93
67) N-Nitrosodiphenylamine	15.486	169	234608	21.645	ng/ul	98
68) 4-Bromophenyl-phenylether	16.180	248	113654	21.397	ng/ul	97
69) Hexachlorobenzene	16.292	284	141744	21.198	ng/ul	97
70) Atrazine	16.469	200	109718	20.942	ng/ul	100
71) Pentachlorophenol	16.657	266	80655	19.428	ng/ul	98
72) Phenanthrene	17.045	178	477816	21.575	ng/ul	100
74) Anthracene	17.145	178	489149	21.968	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.987	216	117628	18.994	ng/uL	93
76) Pentachlorobenzene	14.528	250	142120	20.098	ng/uL	96
77) Carbazole	17.427	167	433317	22.306	ng/ul	100
78) Di-n-butylphthalate	18.004	149	489359	22.700	ng/ul	99
80) Fluoranthene	19.139	202	668211	20.956	ng/ul	100
82) Pyrene	19.516	202	711482	20.770	ng/ul	99
83) Butylbenzylphthalate	20.468	149	239780	21.261	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	286912	21.271	ng/ul	100
85) Benzo(a)anthracene	21.416	228	785074	21.396	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	344610	21.502	ng/ul	98
87) Chrysene	21.480	228	742648	21.510	ng/ul	100
89) Di-n-octyl phthalate	22.568	149	615685	20.111	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	888028	21.143	ng/ul	99
91) Benzo(k)fluoranthene	23.633	252	888028	21.478	ng/ul	99
93) Benzo(a)pyrene	24.492	252	823969	21.702	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.274	276	482033	9.113	ng/ul	99
95) Dibenzo(a,h)anthracene	28.350	278	893113	20.794	ng/ul	97
96) Benzo(g,h,i)perylene	29.397	276	824990	20.533	ng/ul	99

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

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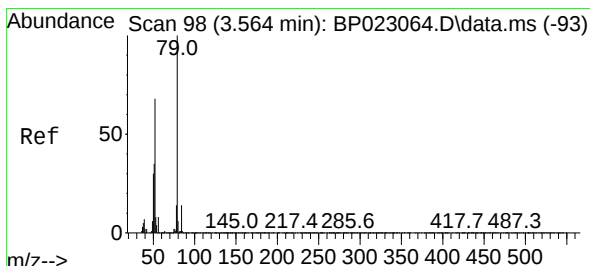
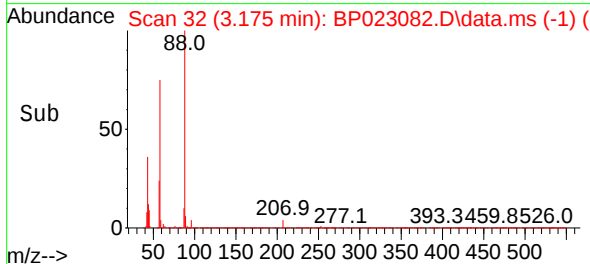
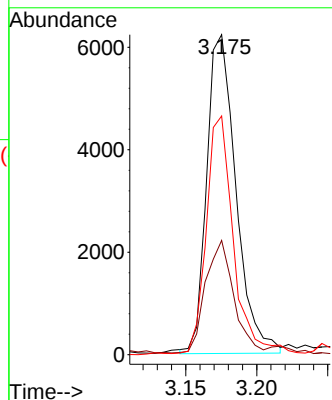
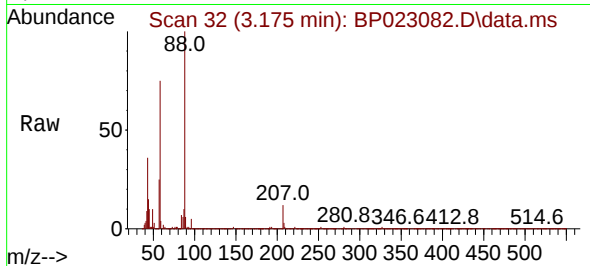




#2
1,4-Dioxane
Concen: 7.956 ng/uL
RT: 3.175 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

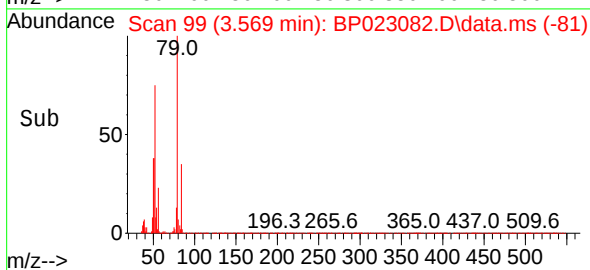
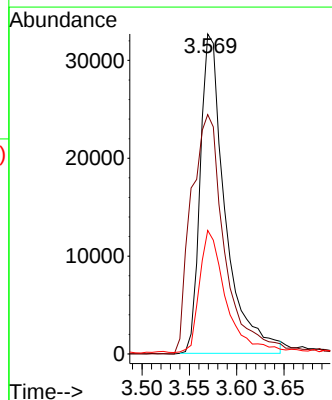
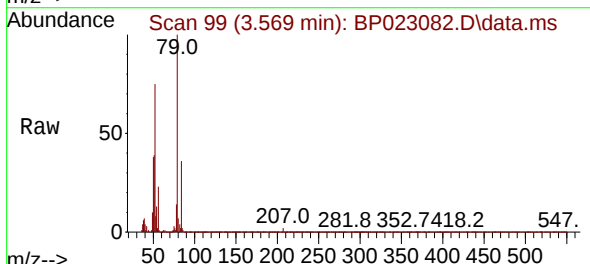
Instrument :
BNA_P
ClientSampleId :

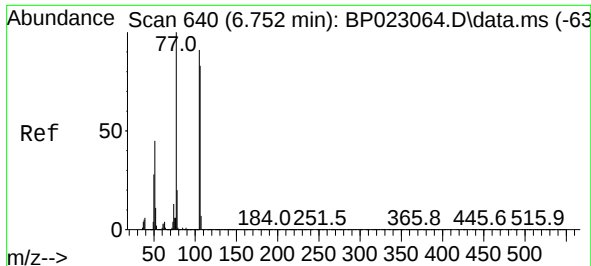
Tgt Ion: 88 Resp: 8915
Ion Ratio Lower Upper
88 100
43 35.7 24.2 36.4
58 74.6 59.2 88.8



#5
Pyridine
Concen: 20.822 ng/uL
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion: 79 Resp: 60252
Ion Ratio Lower Upper
79 100
52 74.8 59.5 89.3
51 38.6 30.4 45.6

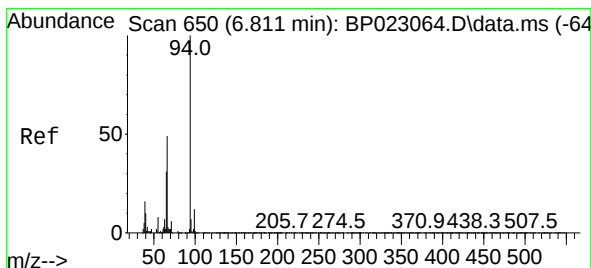
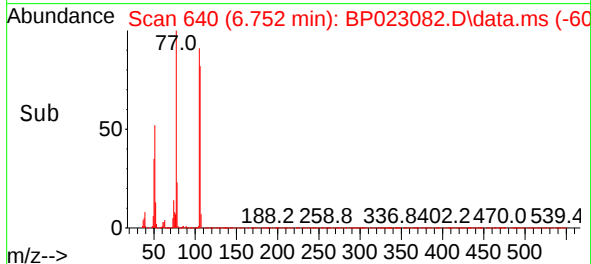
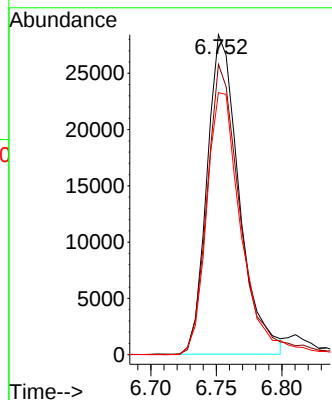
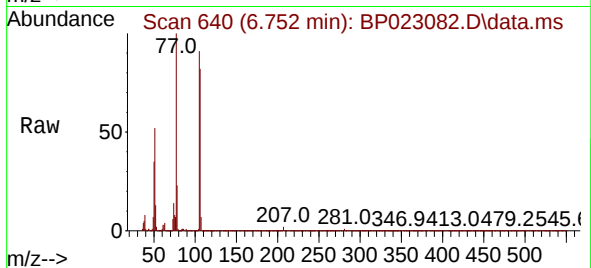




#6
Benzaldehyde
Concen: 24.424 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

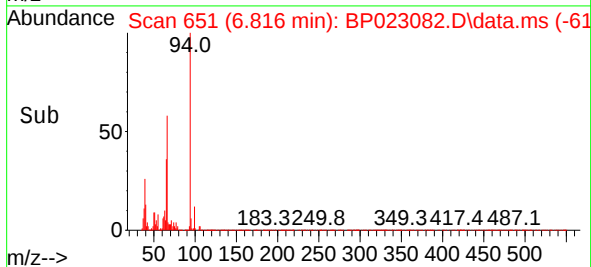
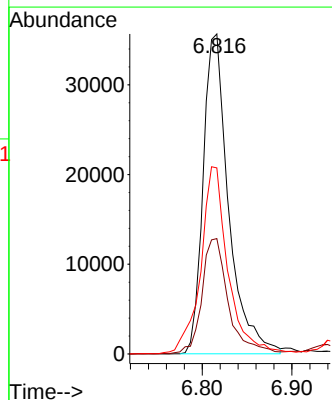
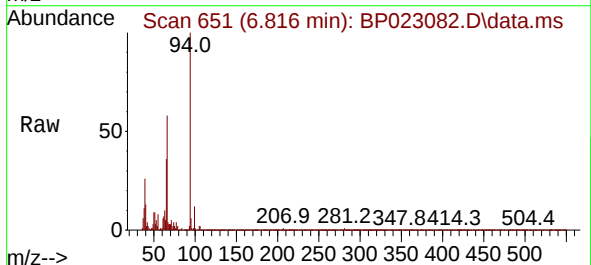
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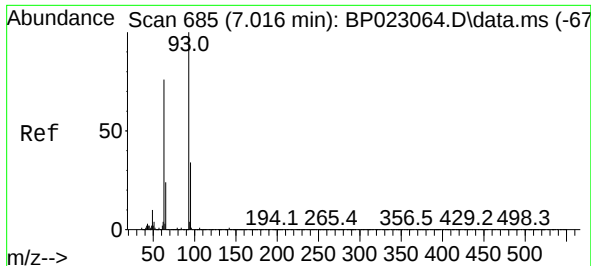
Tgt Ion: 77 Resp: 48441
Ion Ratio Lower Upper
77 100
105 90.7 72.5 108.7
106 81.9 65.5 98.3



#8
Phenol
Concen: 19.545 ng/ul
RT: 6.816 min Scan# 651
Delta R.T. 0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion: 94 Resp: 70342
Ion Ratio Lower Upper
94 100
65 36.0 26.2 39.4
66 58.2 40.2 60.4





#10

Bis(2-Chloroethyl)ether

Concen: 19.379 ng/ul

RT: 7.022 min Scan# 61

Delta R.T. 0.006 min

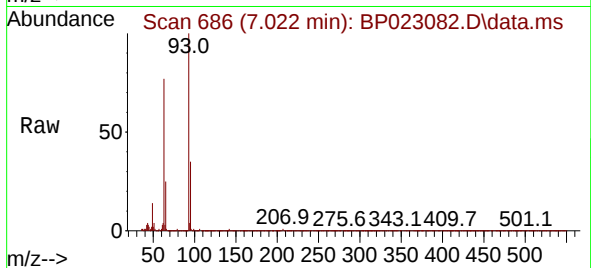
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Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :



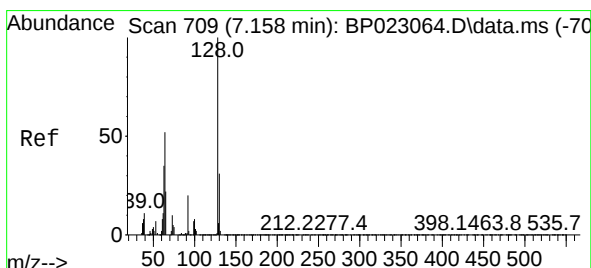
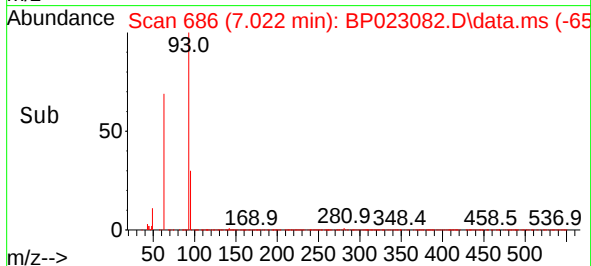
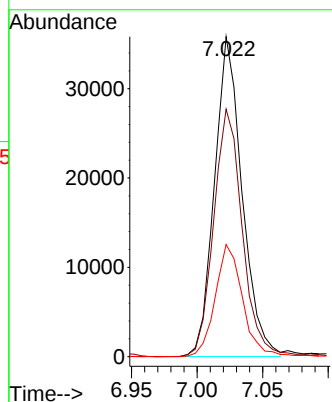
Tgt Ion: 93 Resp: 52412

Ion Ratio Lower Upper

93 100

63 77.4 60.6 91.0

95 35.0 29.0 43.4



#12

2-Chlorophenol

Concen: 20.838 ng/ul

RT: 7.163 min Scan# 710

Delta R.T. 0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

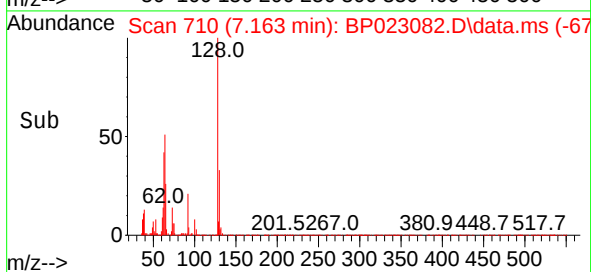
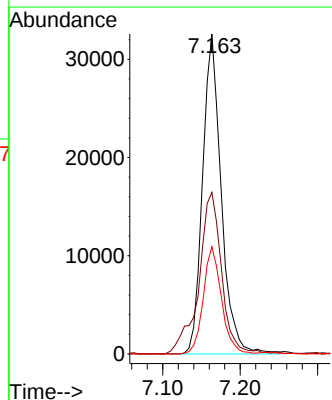
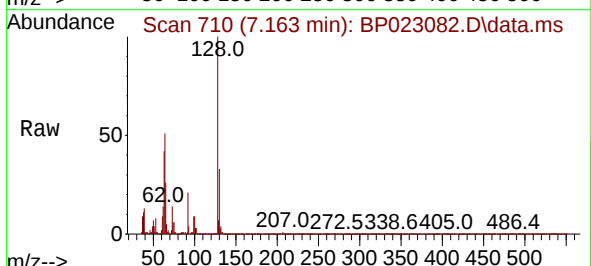
Tgt Ion:128 Resp: 54608

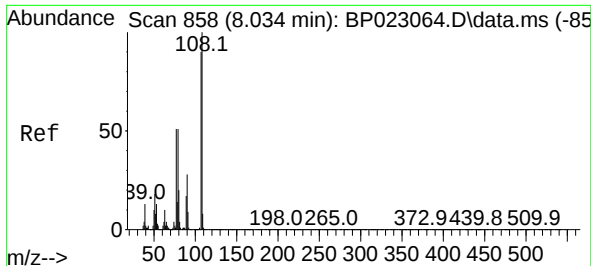
Ion Ratio Lower Upper

128 100

64 50.5 39.0 58.6

130 33.5 26.4 39.6

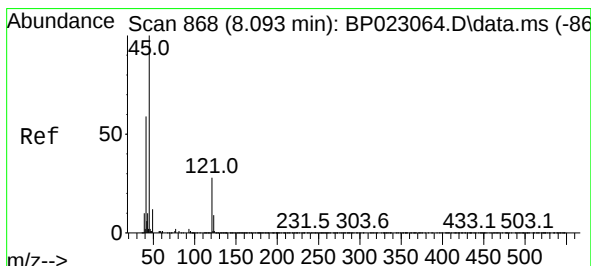
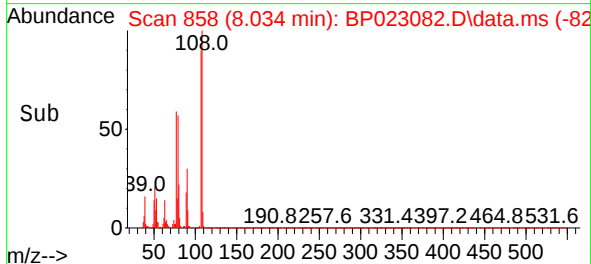
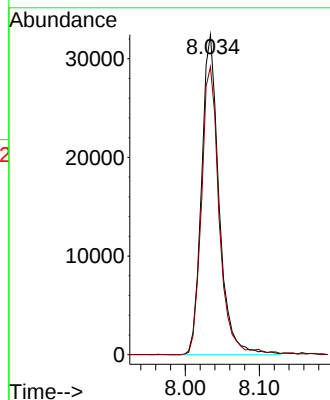
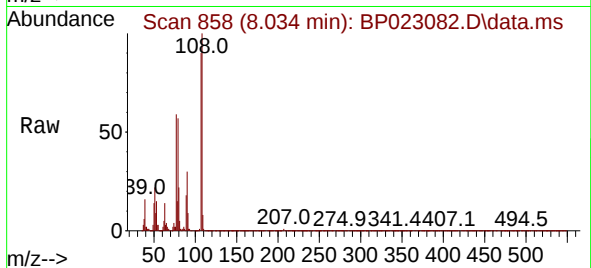




#13
2-Methylphenol
Concen: 19.812 ng/ul
RT: 8.034 min Scan# 858
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

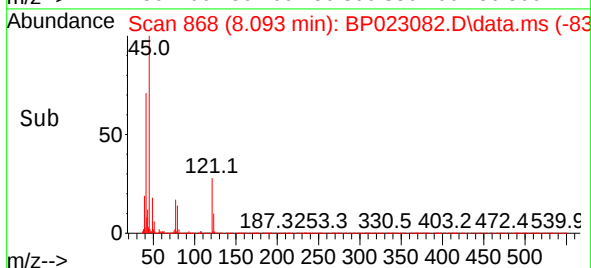
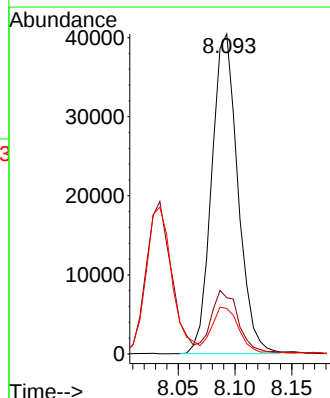
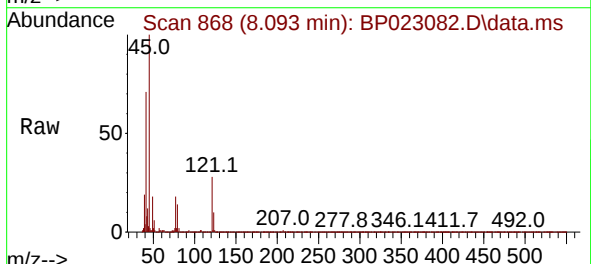
Instrument :
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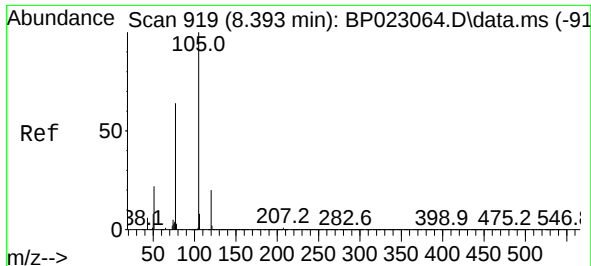
Tgt Ion:108 Resp: 53226
Ion Ratio Lower Upper
108 100
107 90.0 73.3 109.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.217 ng/ul
RT: 8.093 min Scan# 868
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion: 45 Resp: 64958
Ion Ratio Lower Upper
45 100
77 17.6 18.2 27.2#
79 14.2 11.7 17.5

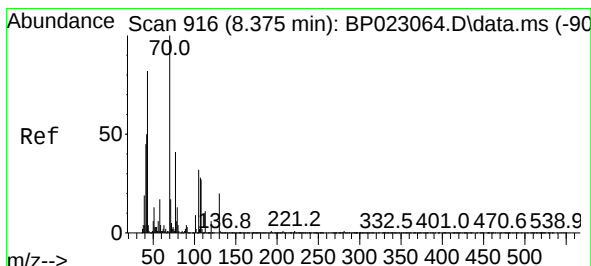
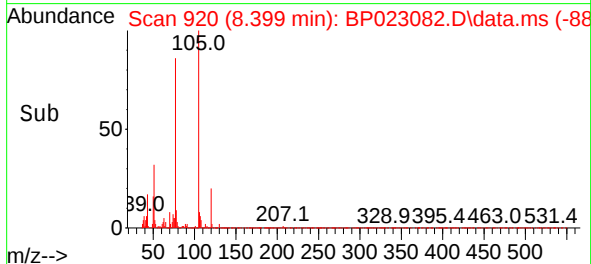
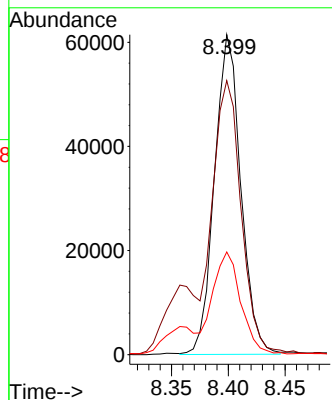
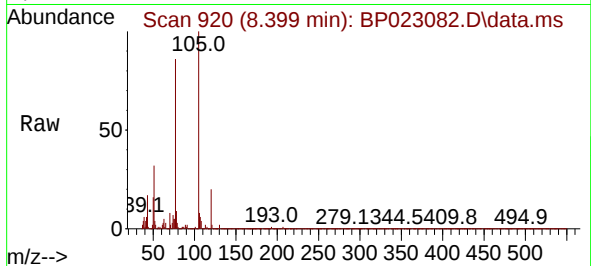




#16
Acetophenone
Concen: 20.839 ng/ul
RT: 8.399 min Scan# 919
Delta R.T. 0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

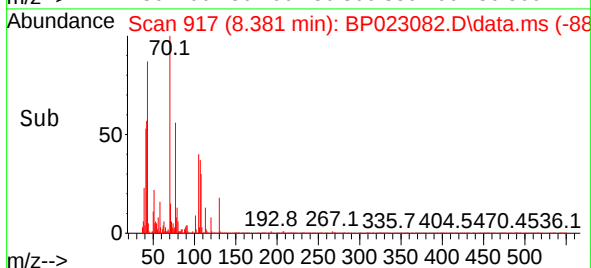
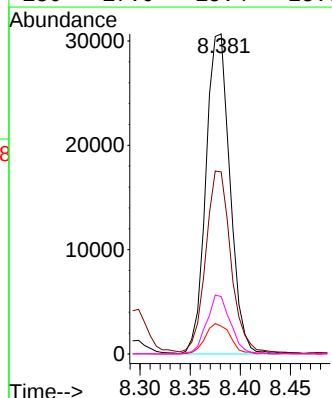
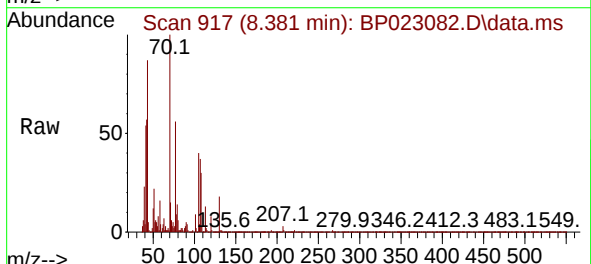
Instrument :
BNA_P
ClientSampleId :

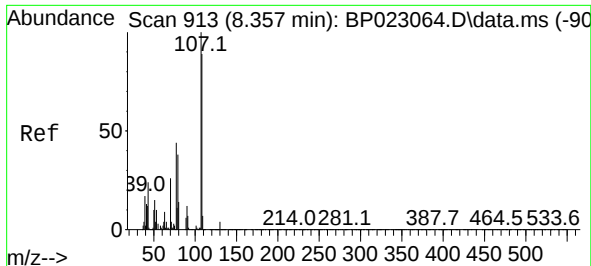
Tgt Ion:105 Resp: 99315
Ion Ratio Lower Upper
105 100
77 85.7 69.4 104.0
51 32.1 23.2 34.8



#17
N-Nitroso-di-n-propylamine
Concen: 21.567 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion: 70 Resp: 51324
Ion Ratio Lower Upper
70 100
42 56.9 42.3 63.5
101 8.7 7.4 11.2
130 17.9 15.4 23.0

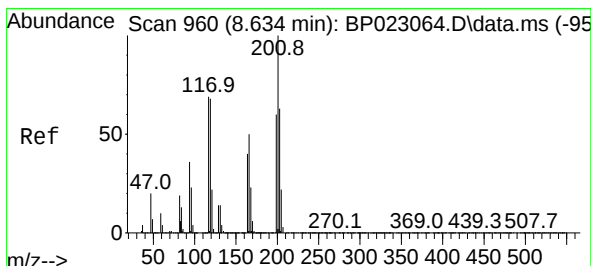
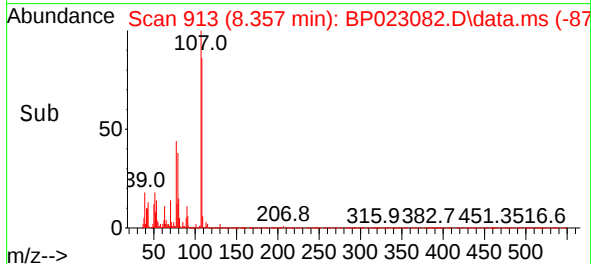
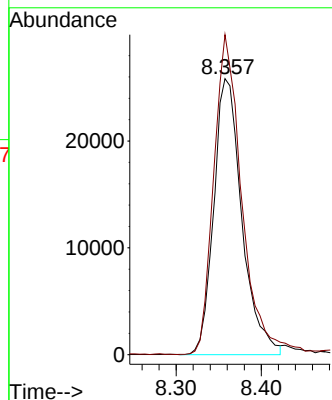
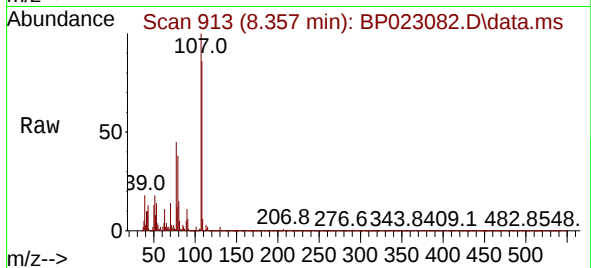




#18
4-Methylphenol
Concen: 20.012 ng/ul
RT: 8.357 min Scan# 913
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

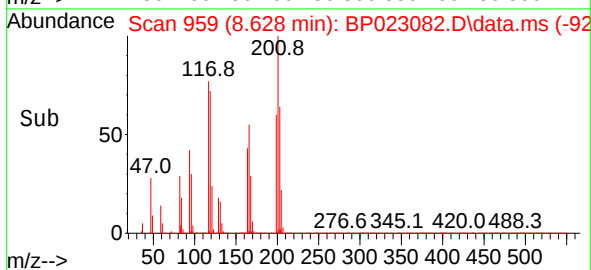
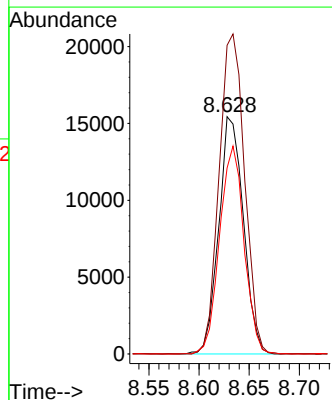
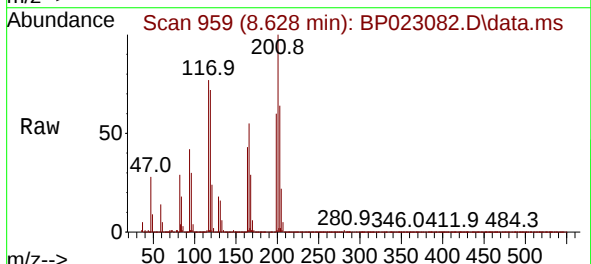
Instrument :
BNA_P
ClientSampleId :

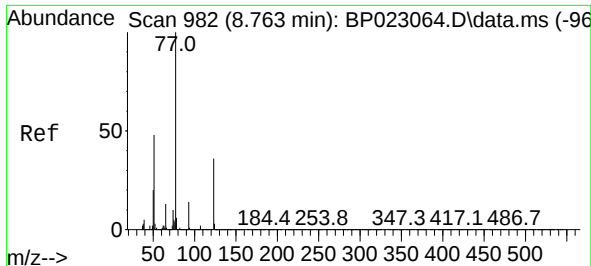
Tgt Ion:108 Resp: 59383
Ion Ratio Lower Upper
108 100
107 115.9 91.5 137.3



#19
Hexachloroethane
Concen: 20.759 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:117 Resp: 26310
Ion Ratio Lower Upper
117 100
201 130.1 105.0 157.6
199 80.2 65.9 98.9

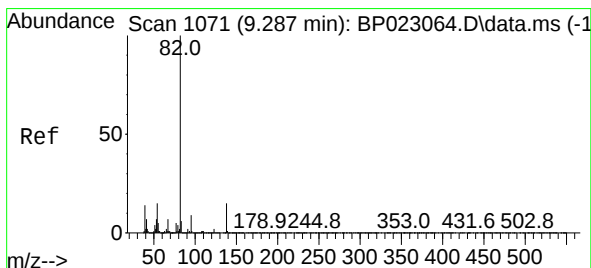
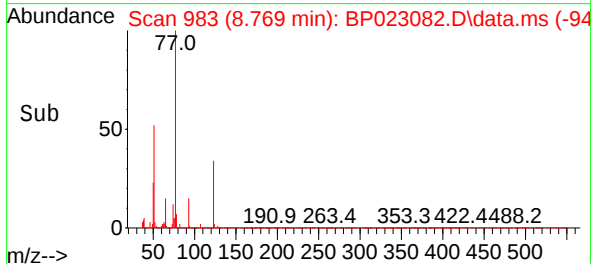
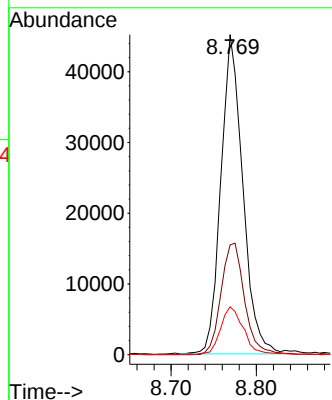
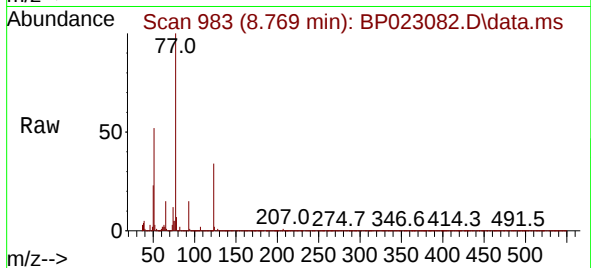




#22
Nitrobenzene
Concen: 21.881 ng/ul
RT: 8.769 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

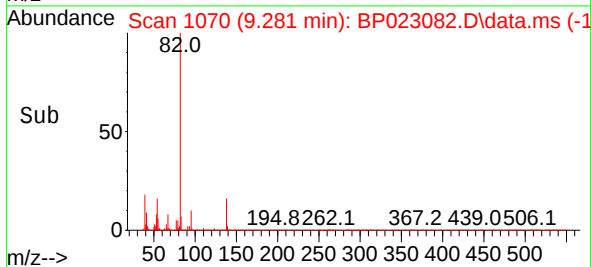
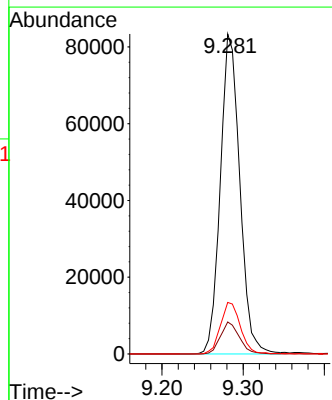
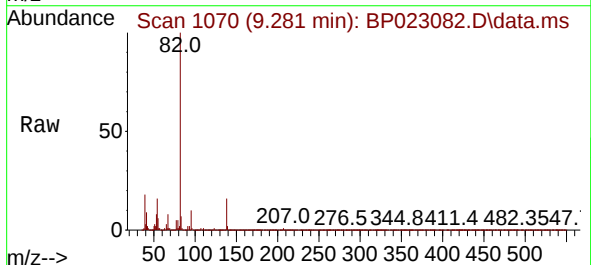
Instrument :
BNA_P
ClientSampleId :

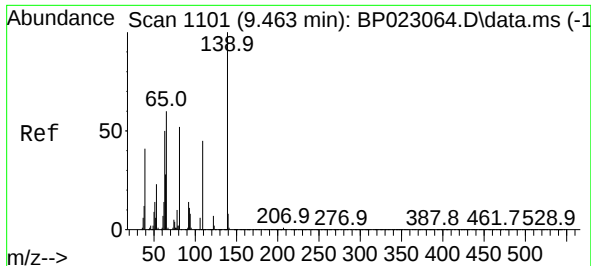
Tgt Ion:	77	Resp:	80501
Ion	Ratio	Lower	Upper
77	100		
123	34.3	32.2	48.4
65	15.0	10.9	16.3



#23
Isophorone
Concen: 21.177 ng/ul
RT: 9.281 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:	82	Resp:	139311
Ion	Ratio	Lower	Upper
82	100		
95	10.0	7.6	11.4
138	16.1	13.4	20.2





#25

2-Nitrophenol

Concen: 21.268 ng/ul

RT: 9.475 min Scan# 1101

Delta R.T. 0.012 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

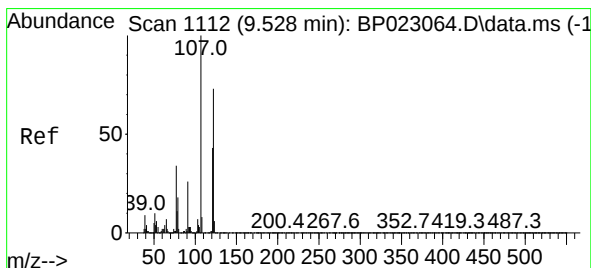
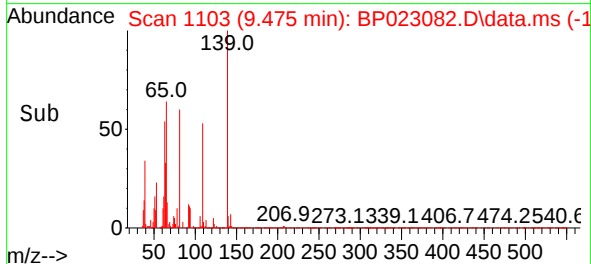
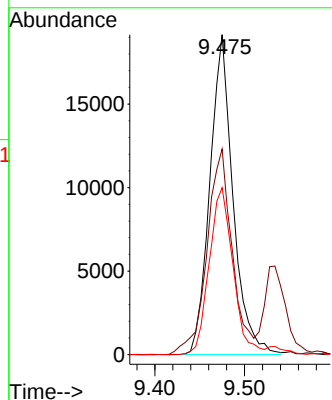
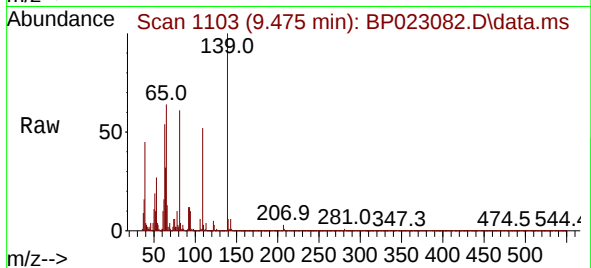
Tgt Ion:139 Resp: 34314

Ion Ratio Lower Upper

139 100

65 64.3 52.8 79.2

109 52.2 38.9 58.3



#26

2,4-Dimethylphenol

Concen: 22.068 ng/ul

RT: 9.534 min Scan# 1113

Delta R.T. 0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

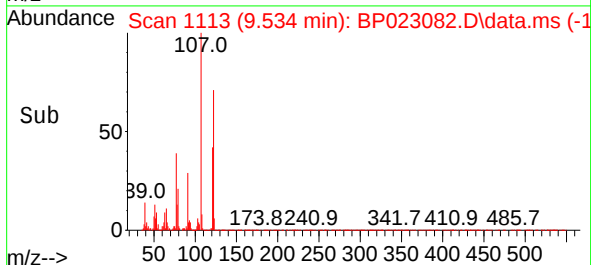
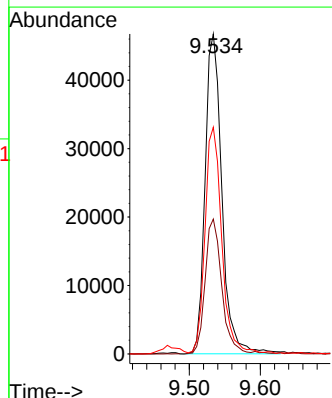
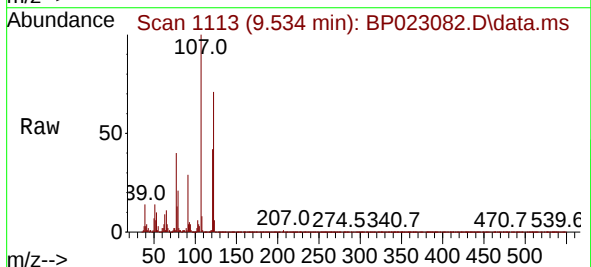
Tgt Ion:107 Resp: 76884

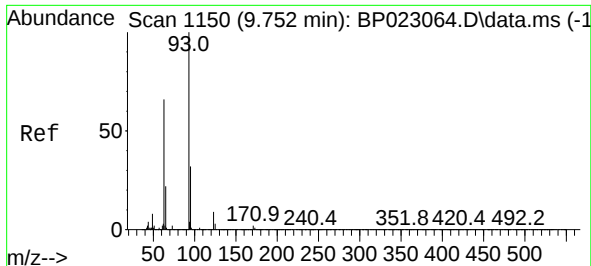
Ion Ratio Lower Upper

107 100

121 42.1 34.4 51.6

122 70.9 56.7 85.1

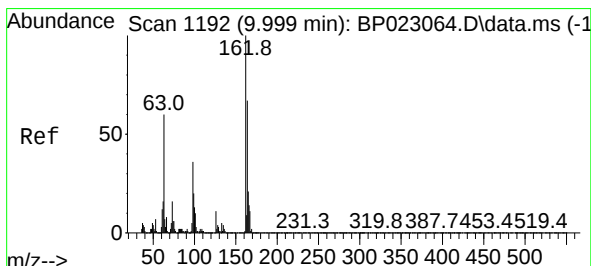
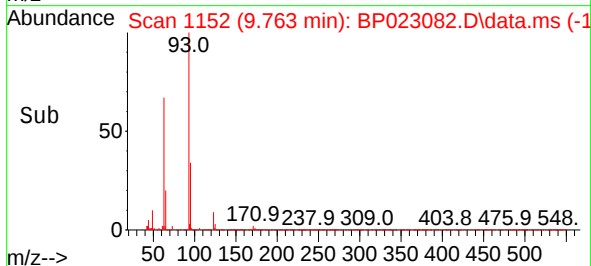
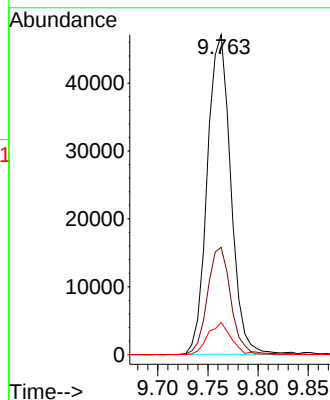
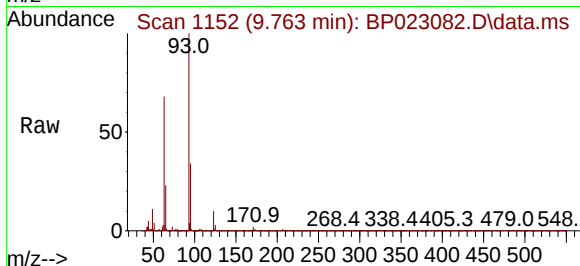




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.180 ng/ul
 RT: 9.763 min Scan# 1150
 Delta R.T. 0.012 min
 Lab File: BP023082.D
 Acq: 13 Nov 2024 15:31

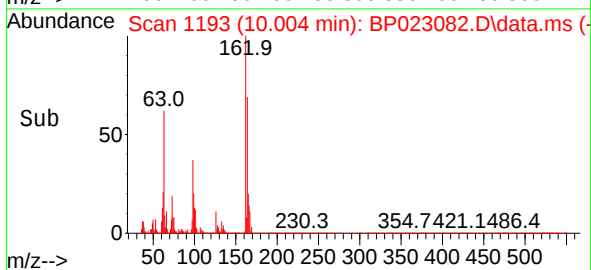
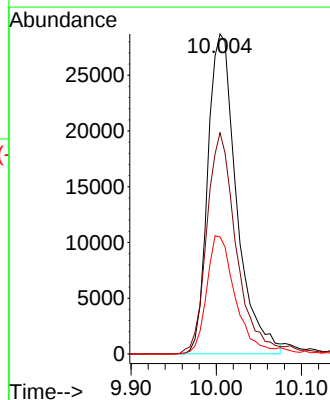
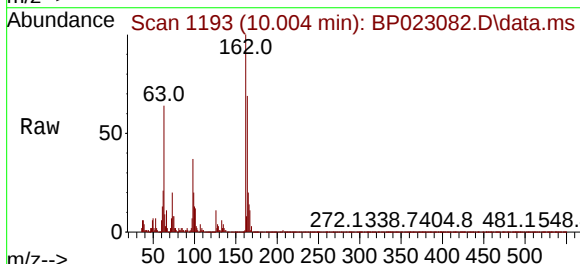
Instrument :
 BNA_P
 ClientSampleId :

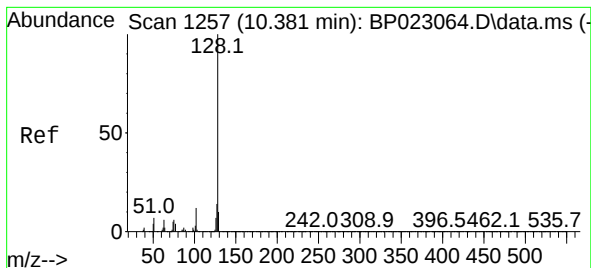
Tgt Ion: 93	Resp: 76661
Ion Ratio	Lower Upper
93 100	
95 33.6	27.0 40.6
123 10.0	8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 21.217 ng/ul
 RT: 10.004 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: BP023082.D
 Acq: 13 Nov 2024 15:31

Tgt Ion: 162	Resp: 67275
Ion Ratio	Lower Upper
162 100	
164 69.1	51.4 77.0
98 36.5	27.0 40.6





#30

Naphthalene

Concen: 20.707 ng/ul

RT: 10.381 min Scan# 1257

Delta R.T. -0.000 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

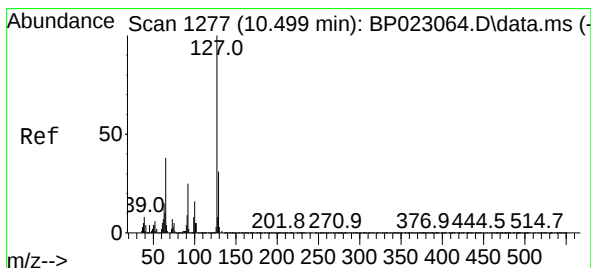
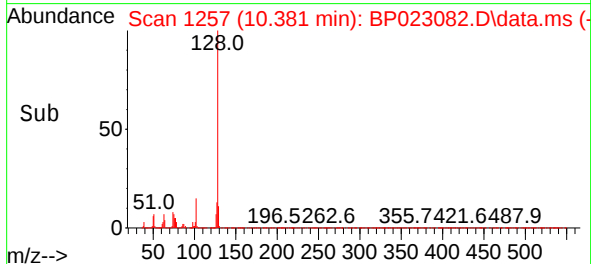
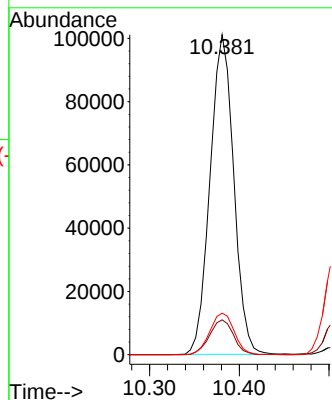
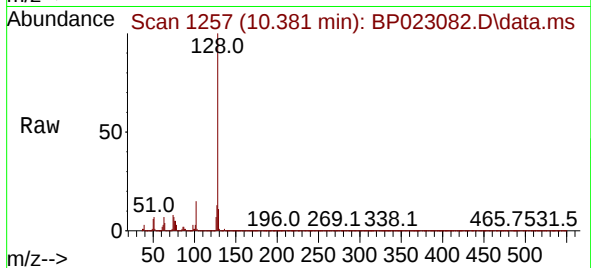
Tgt Ion:128 Resp: 185279

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.0 10.2 15.2



#32

4-Chloroaniline

Concen: 20.323 ng/ul

RT: 10.510 min Scan# 1279

Delta R.T. 0.012 min

Lab File: BP023082.D

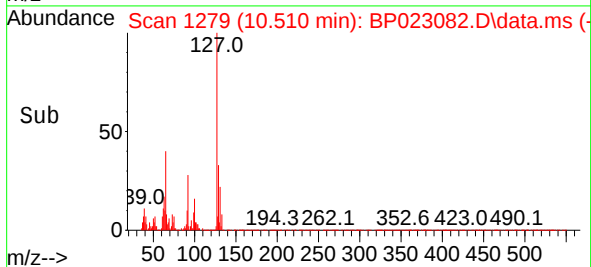
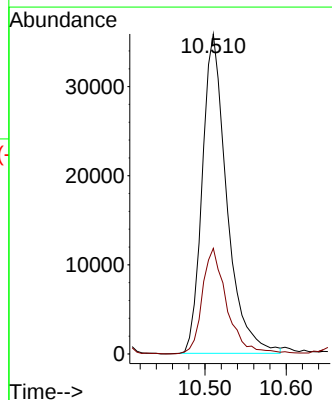
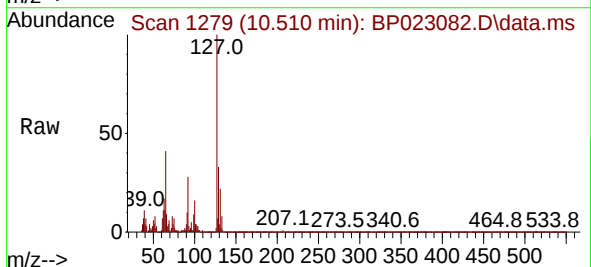
Acq: 13 Nov 2024 15:31

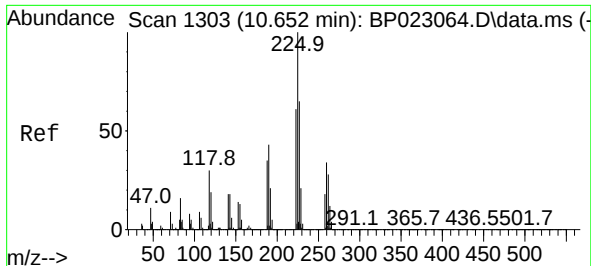
Tgt Ion:127 Resp: 75192

Ion Ratio Lower Upper

127 100

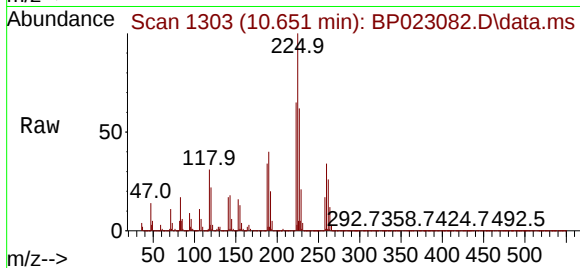
129 33.0 26.4 39.6



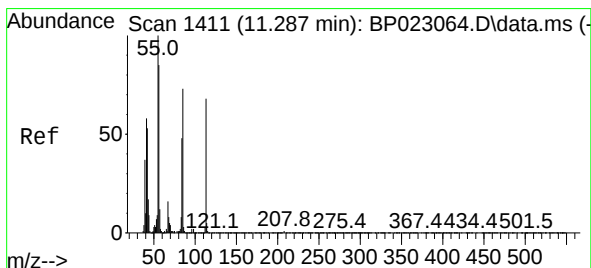
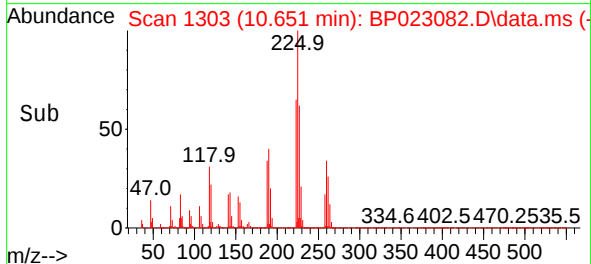
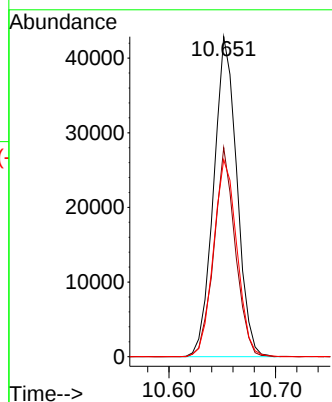


#33
Hexachlorobutadiene
Concen: 22.614 ng/ul
RT: 10.651 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Instrument :
BNA_P
ClientSampleId :

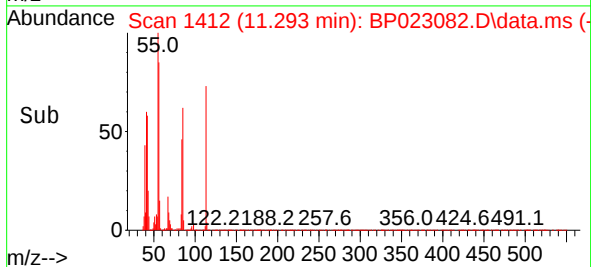
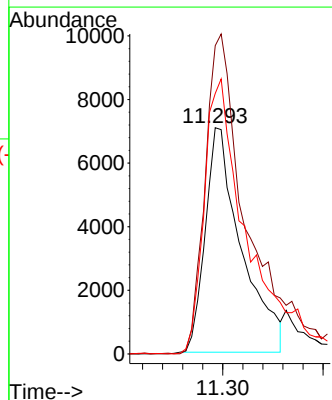
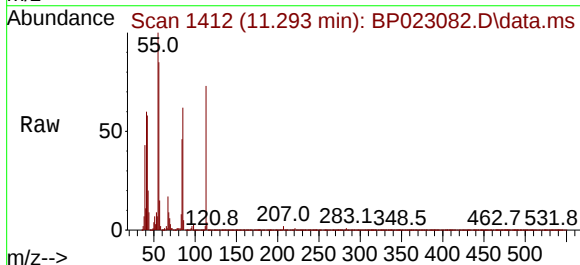


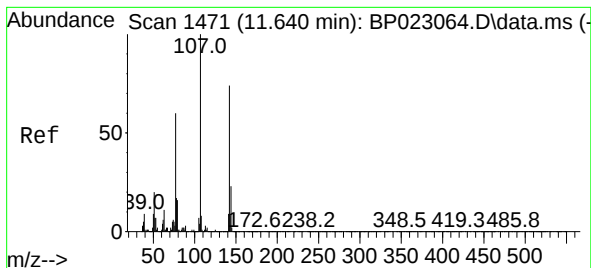
Tgt Ion:225 Resp: 64880
Ion Ratio Lower Upper
225 100
223 65.3 49.7 74.5
227 61.6 51.4 77.0



#34
Caprolactam
Concen: 18.705 ng/ul
RT: 11.293 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:113 Resp: 17641
Ion Ratio Lower Upper
113 100
55 136.3 123.0 184.6
56 115.2 99.8 149.8

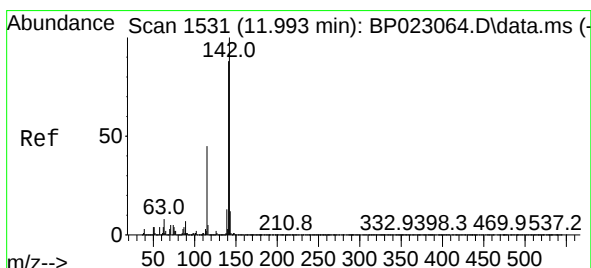
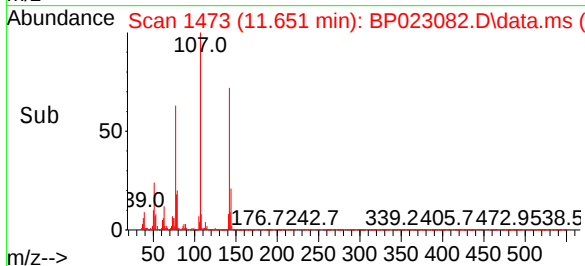
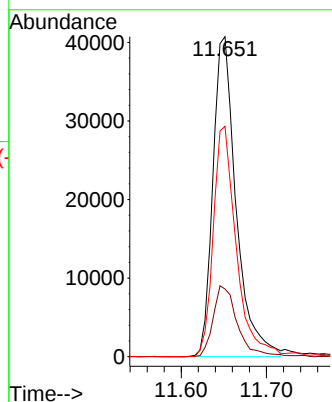
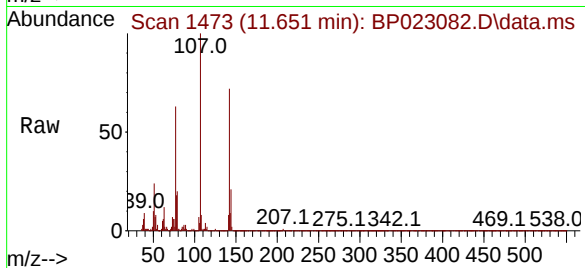




#35
4-Chloro-3-methylphenol
Concen: 22.626 ng/ul
RT: 11.651 min Scan# 1473
Delta R.T. 0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

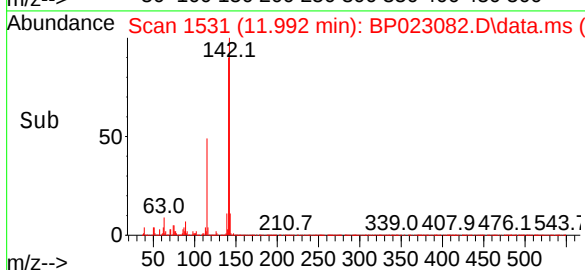
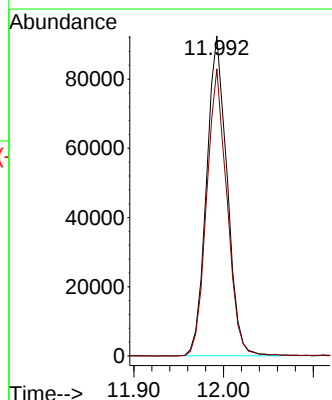
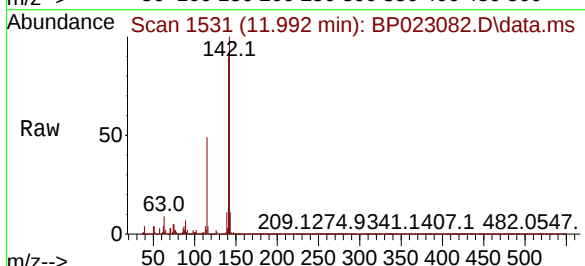
Instrument :
BNA_P
ClientSampleId :

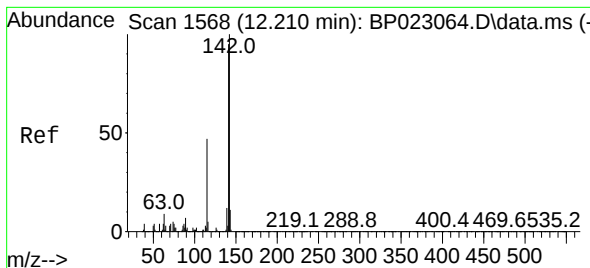
Tgt Ion:107 Resp: 77177
Ion Ratio Lower Upper
107 100
144 21.1 18.8 28.2
142 72.0 59.8 89.8



#36
2-Methylnaphthalene
Concen: 21.783 ng/ul
RT: 11.992 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:142 Resp: 147145
Ion Ratio Lower Upper
142 100
141 89.7 73.1 109.7





#37

1-Methylnaphthalene

Concen: 21.548 ng/ul

RT: 12.216 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

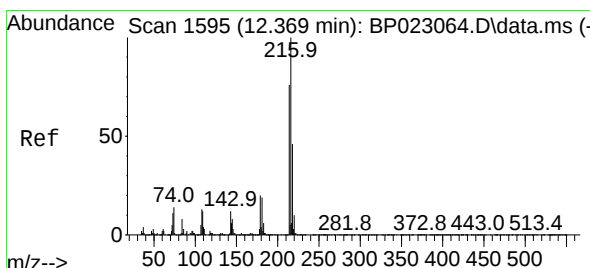
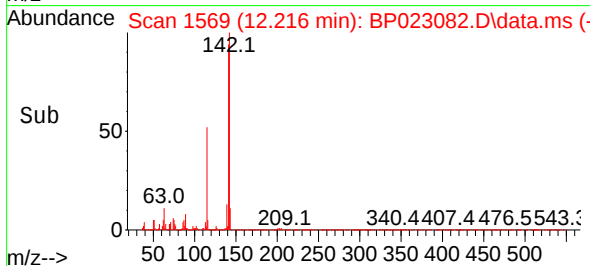
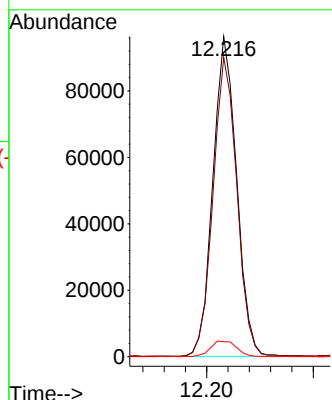
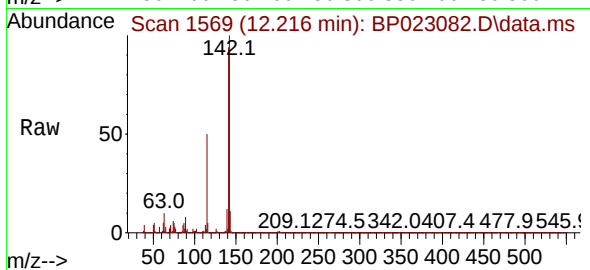
Tgt Ion:142 Resp: 148800

Ion Ratio Lower Upper

142 100

141 93.5 73.8 110.8

116 4.7 4.2 6.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.284 ng/ul

RT: 12.369 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Tgt Ion:216 Resp: 114350

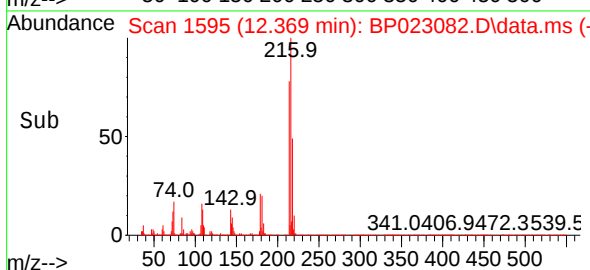
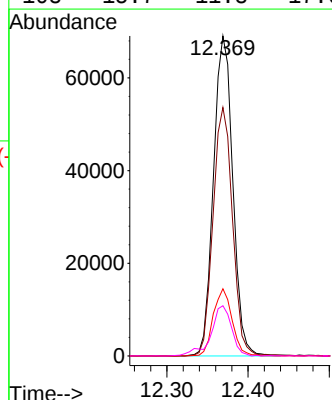
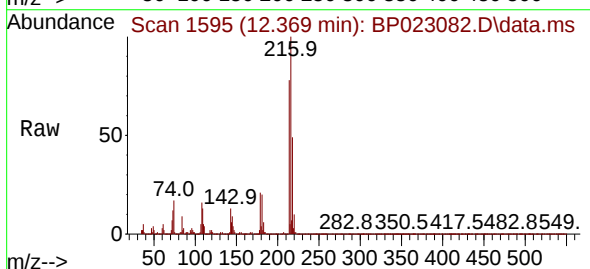
Ion Ratio Lower Upper

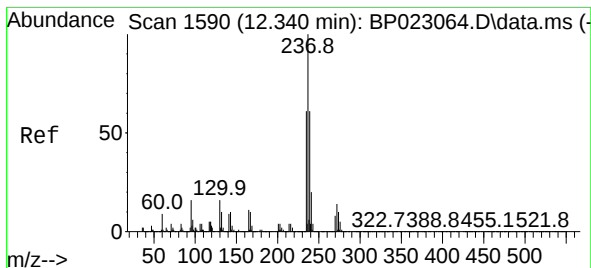
216 100

214 77.7 59.4 89.2

179 21.0 17.3 25.9

108 15.7 11.8 17.6





#40

Hexachlorocyclopentadiene

Concen: 19.320 ng/ul

RT: 12.340 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

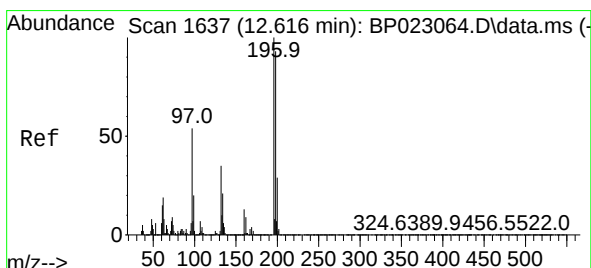
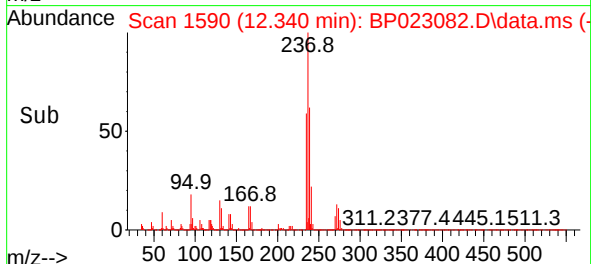
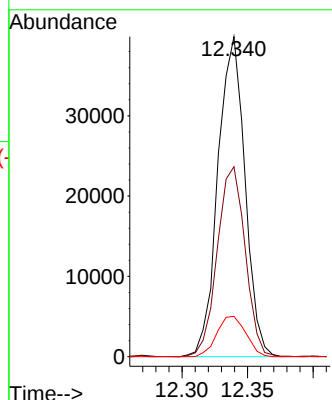
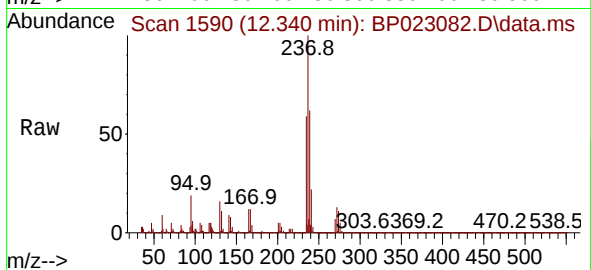
Tgt Ion:237 Resp: 57207

Ion Ratio Lower Upper

237 100

235 59.3 48.6 73.0

272 12.6 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 20.432 ng/ul

RT: 12.634 min Scan# 1640

Delta R.T. 0.018 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

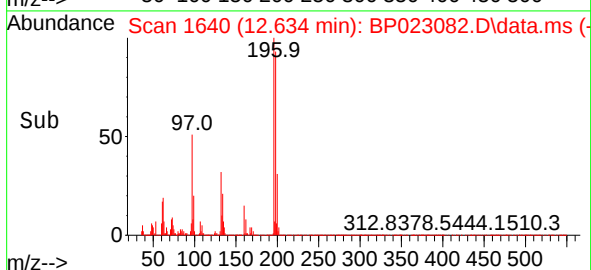
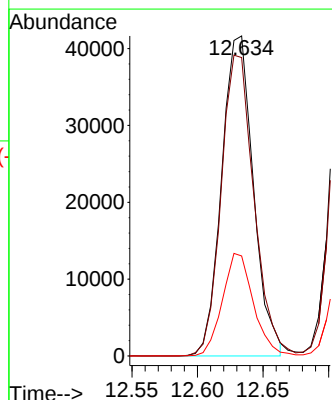
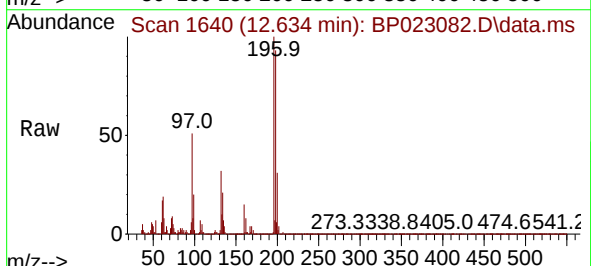
Tgt Ion:196 Resp: 70139

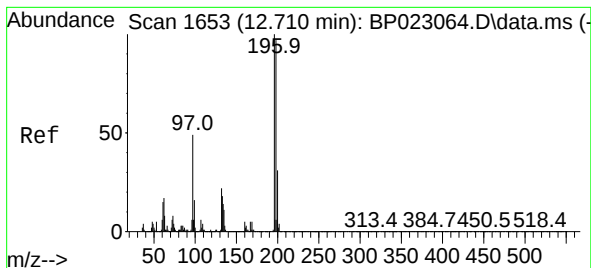
Ion Ratio Lower Upper

196 100

198 93.2 80.5 120.7

200 31.2 25.2 37.8

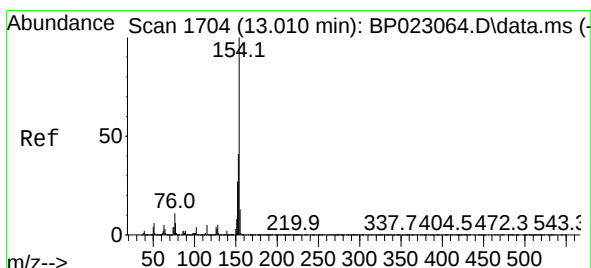
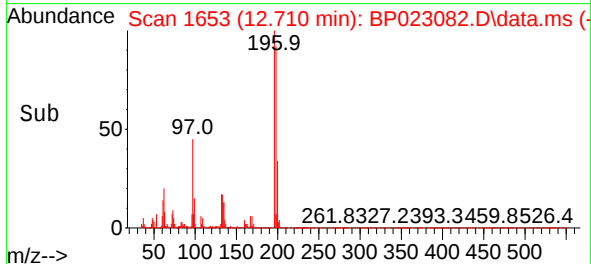
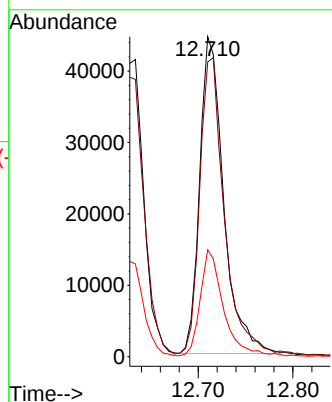
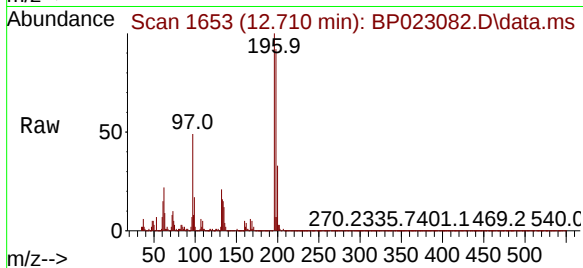




#42
2,4,5-Trichlorophenol
Concen: 21.040 ng/ul
RT: 12.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

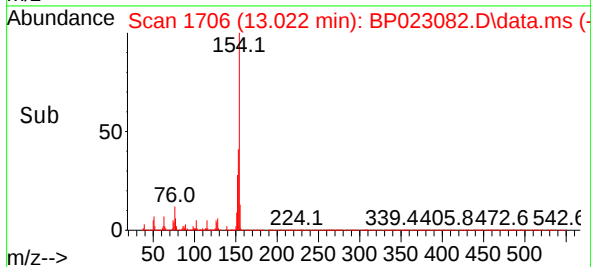
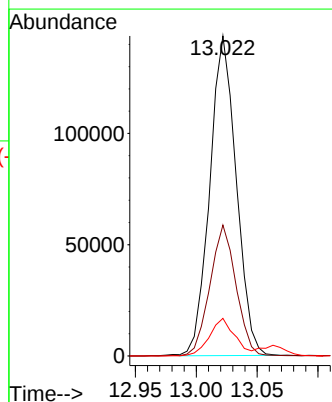
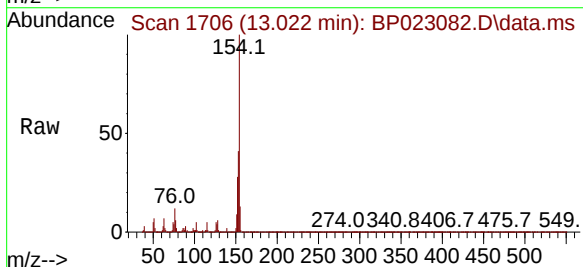
Instrument :
BNA_P
ClientSampleId :

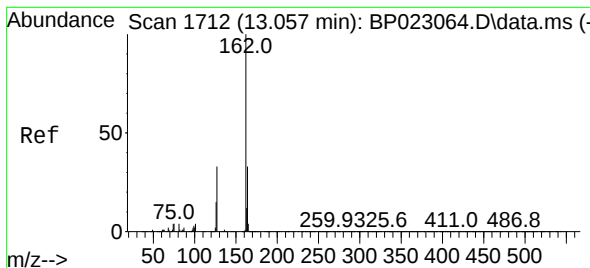
Tgt Ion:196 Resp: 77865
Ion Ratio Lower Upper
196 100
198 92.1 79.6 119.4
200 33.4 25.0 37.6



#43
1,1'-Biphenyl
Concen: 20.278 ng/ul
RT: 13.022 min Scan# 1706
Delta R.T. 0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:154 Resp: 216980
Ion Ratio Lower Upper
154 100
153 40.9 32.0 48.0
76 11.8 8.4 12.6





#44

2-Chloronaphthalene

Concen: 20.349 ng/ul

RT: 13.063 min Scan# 1712

Delta R.T. 0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

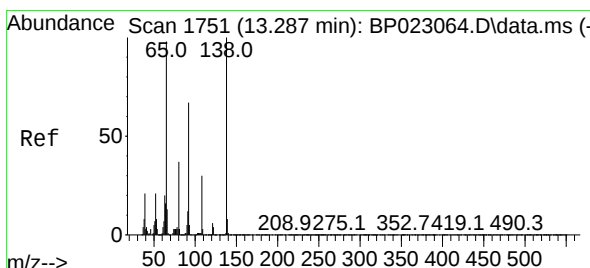
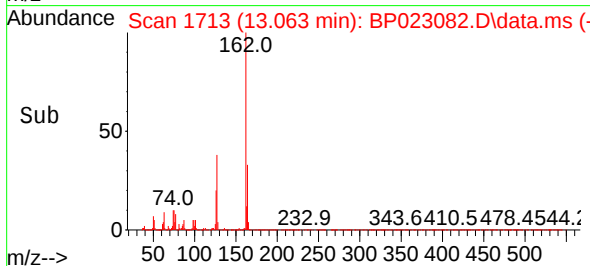
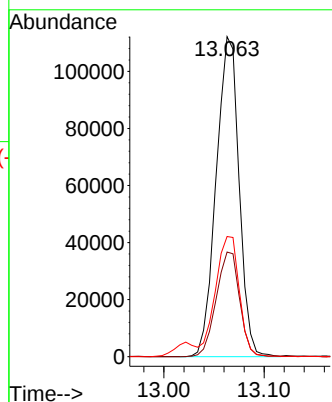
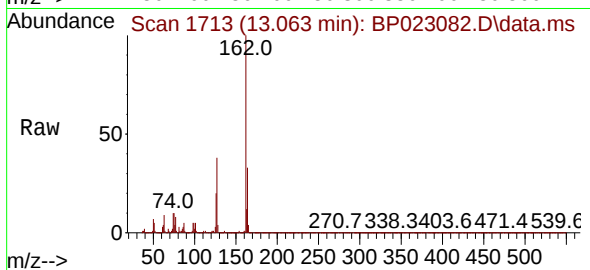
Tgt Ion:162 Resp: 177990

Ion Ratio Lower Upper

162 100

164 32.7 26.6 40.0

127 37.6 30.2 45.2



#45

2-Nitroaniline

Concen: 21.226 ng/ul

RT: 13.287 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

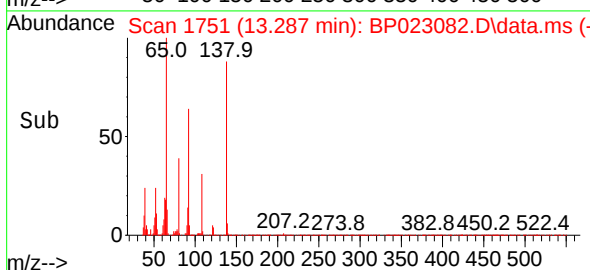
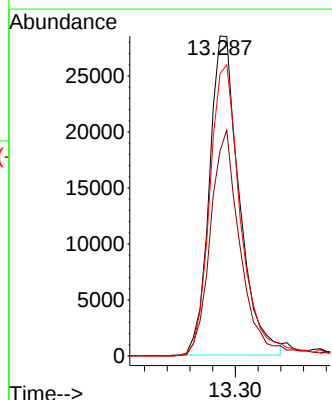
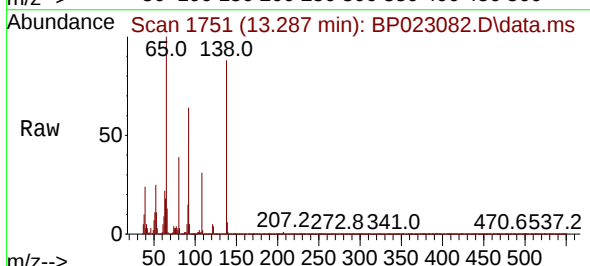
Tgt Ion: 65 Resp: 52131

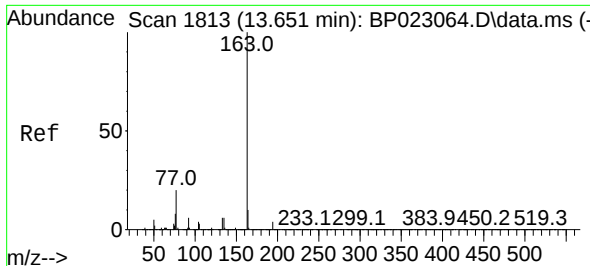
Ion Ratio Lower Upper

65 100

92 64.1 54.2 81.2

138 88.2 65.1 97.7

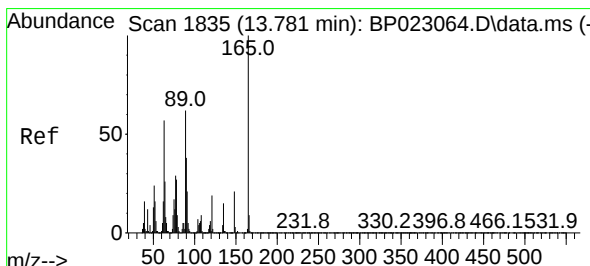
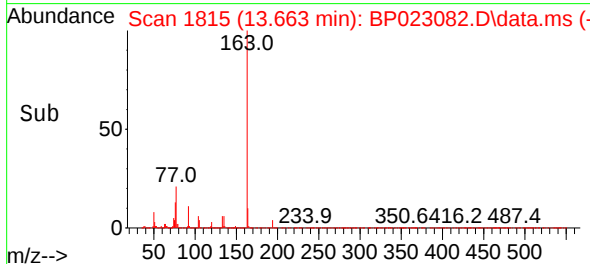
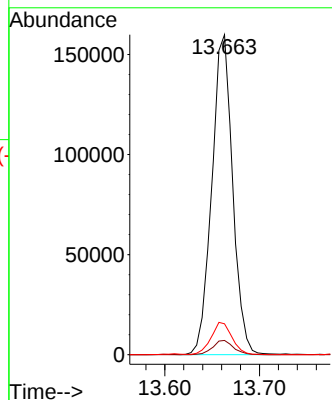
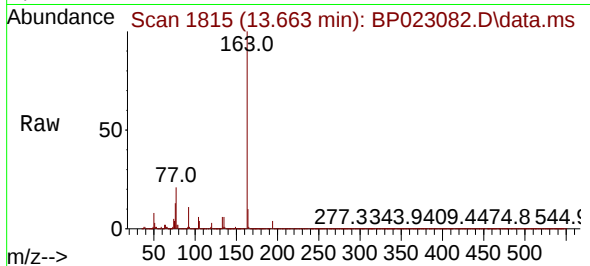




#47
Dimethylphthalate
Concen: 20.576 ng/ul
RT: 13.663 min Scan# 1815
Delta R.T. 0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

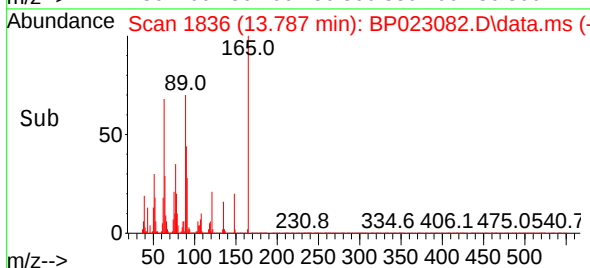
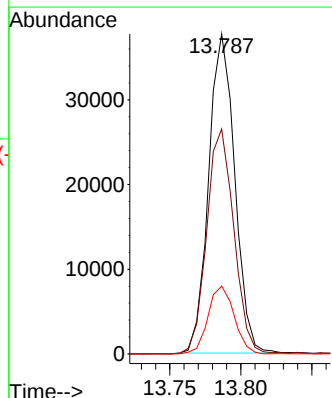
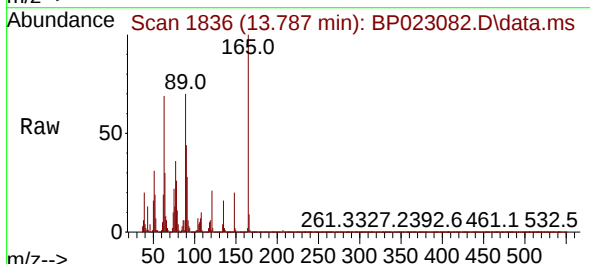
Instrument :
BNA_P
ClientSampleId :

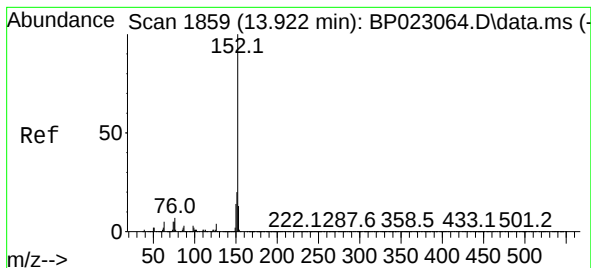
Tgt Ion:163 Resp: 244220
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 9.7 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 20.808 ng/ul
RT: 13.787 min Scan# 1836
Delta R.T. 0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:165 Resp: 48042
Ion Ratio Lower Upper
165 100
89 70.3 50.6 75.8
121 21.2 15.8 23.8





#50

Acenaphthylene

Concen: 21.128 ng/ul

RT: 13.910 min Scan# 1857

Delta R.T. -0.012 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

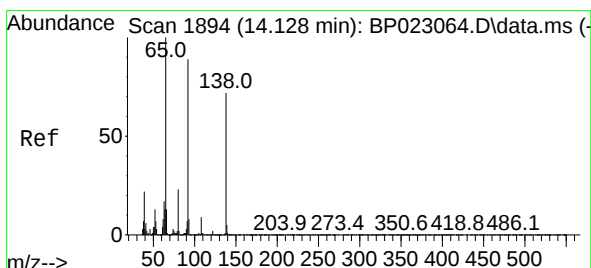
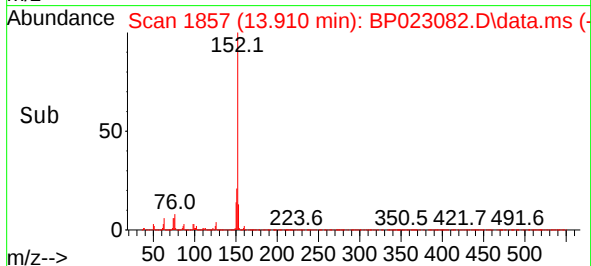
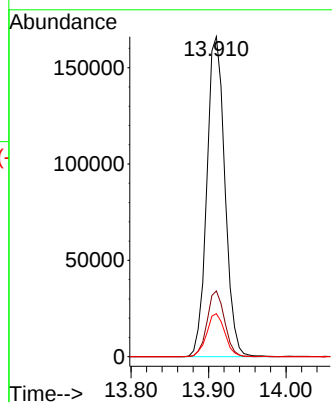
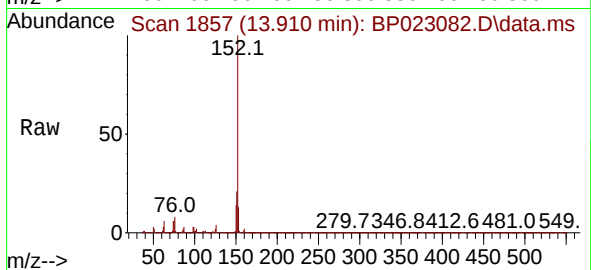
Tgt Ion:152 Resp: 268200

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.4 10.2 15.2



#51

3-Nitroaniline

Concen: 22.348 ng/ul

RT: 14.128 min Scan# 1894

Delta R.T. -0.000 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

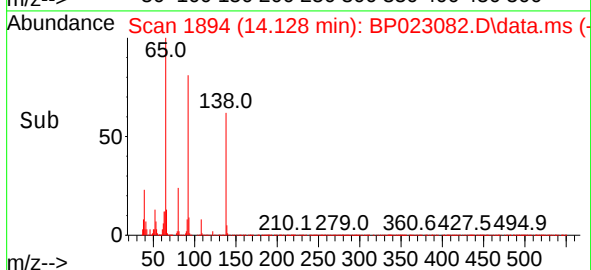
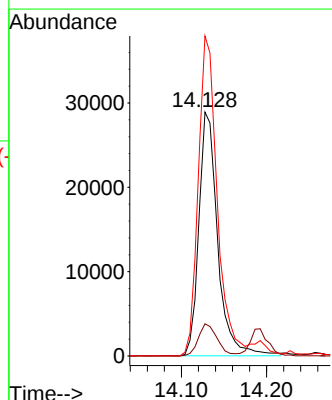
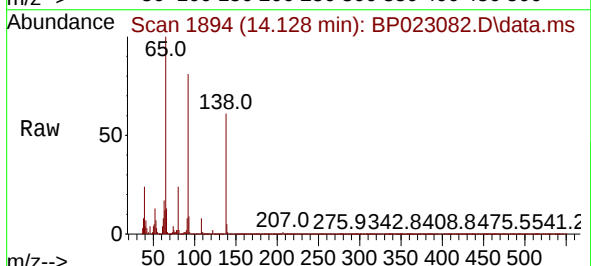
Tgt Ion:138 Resp: 44442

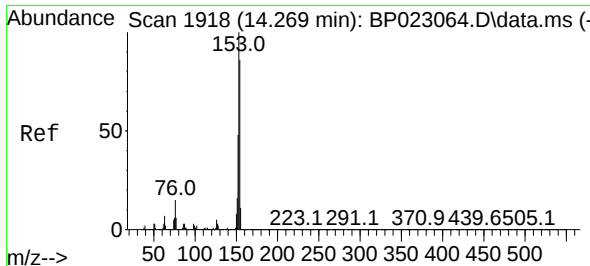
Ion Ratio Lower Upper

138 100

108 13.2 12.7 19.1

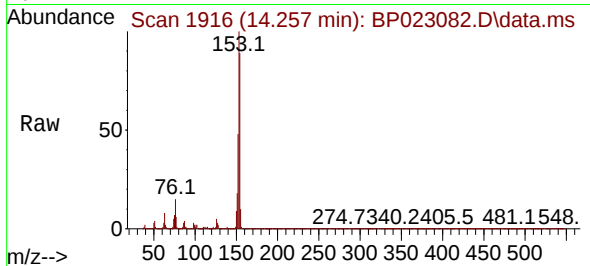
92 131.3 107.8 161.8



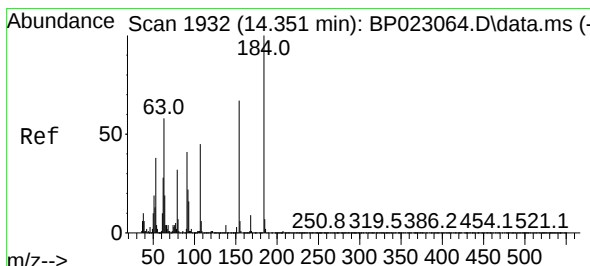
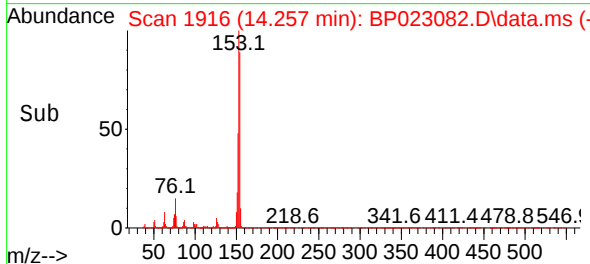
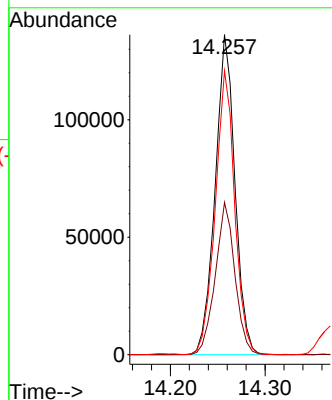


#52
Acenaphthene
Concen: 21.442 ng/ul
RT: 14.257 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Instrument :
BNA_P
ClientSampleId :

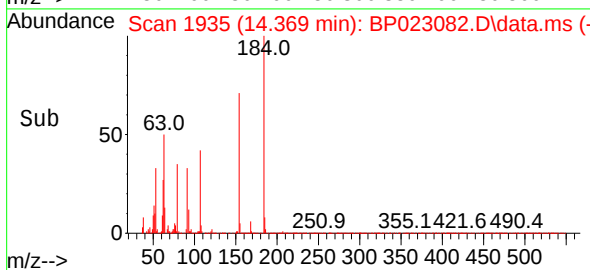
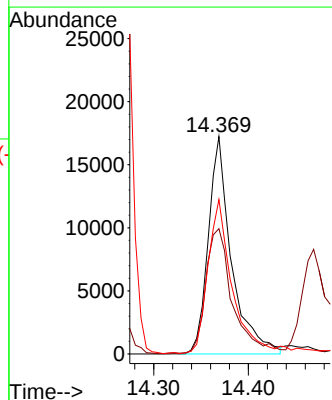
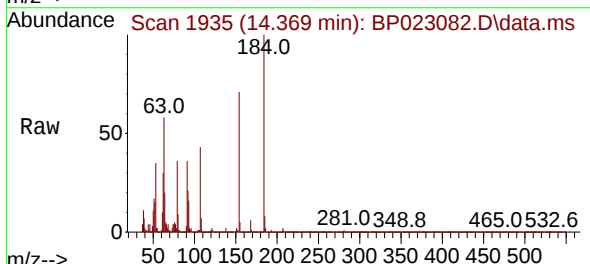


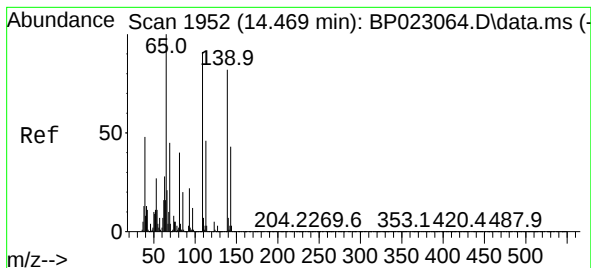
Tgt Ion:153 Resp: 197606
Ion Ratio Lower Upper
153 100
152 47.6 39.6 59.4
154 88.7 70.9 106.3



#53
2,4-Dinitrophenol
Concen: 17.861 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:184 Resp: 29260
Ion Ratio Lower Upper
184 100
63 57.6 50.1 75.1
154 71.0 58.2 87.4

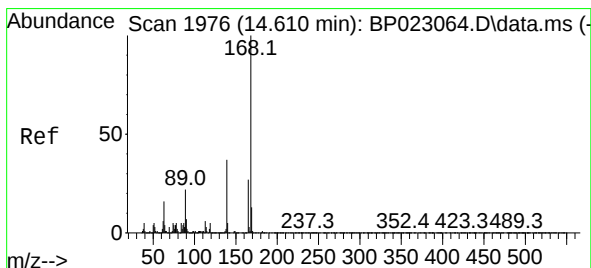
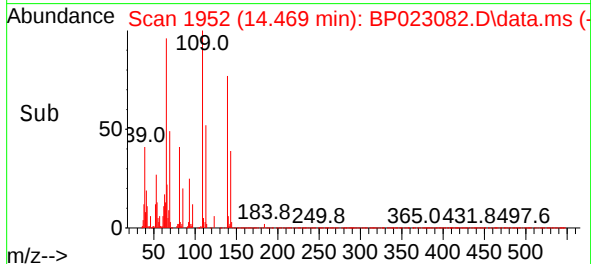
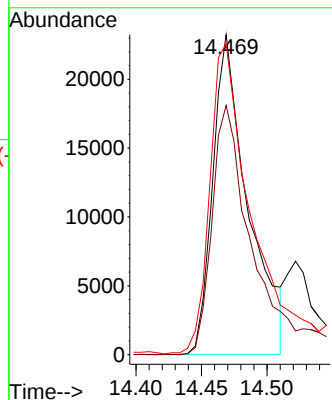
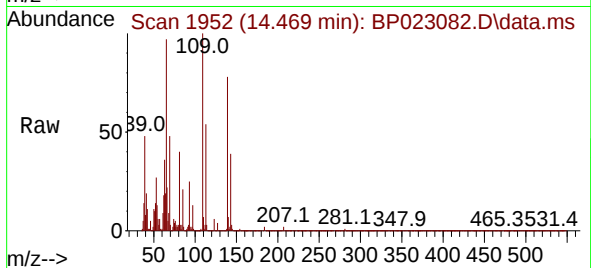




#55
4-Nitrophenol
Concen: 20.488 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

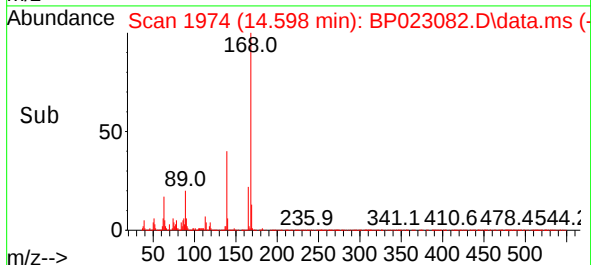
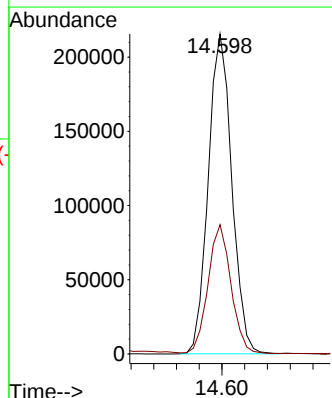
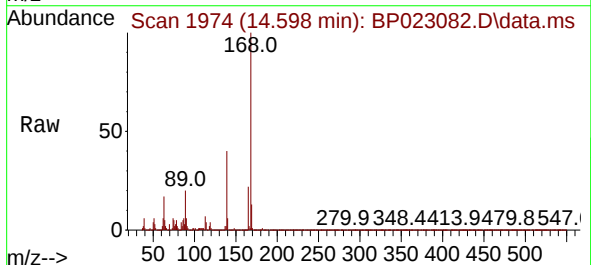
Instrument :
BNA_P
ClientSampleId :

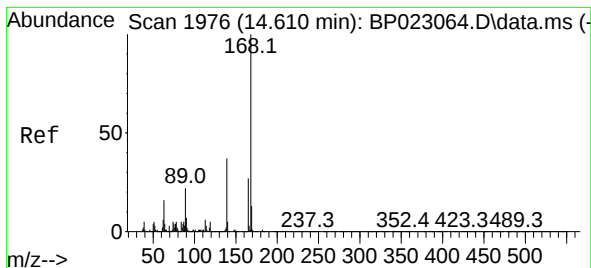
Tgt Ion:109 Resp: 43356
Ion Ratio Lower Upper
109 100
139 77.9 64.6 96.8
65 97.1 80.6 120.8



#56
Dibenzofuran
Concen: 21.768 ng/ul
RT: 14.598 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:168 Resp: 309953
Ion Ratio Lower Upper
168 100
139 40.4 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 22.537 ng/ul

RT: 14.598 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

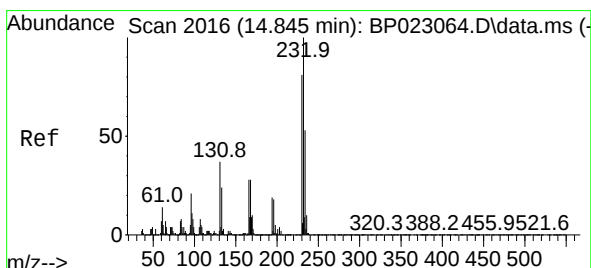
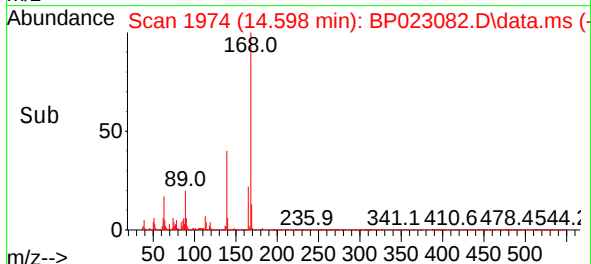
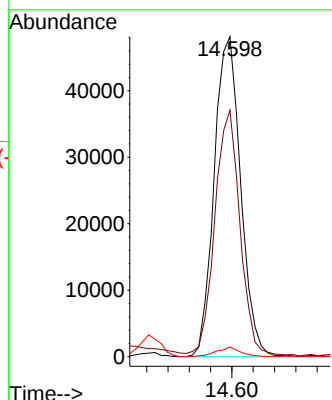
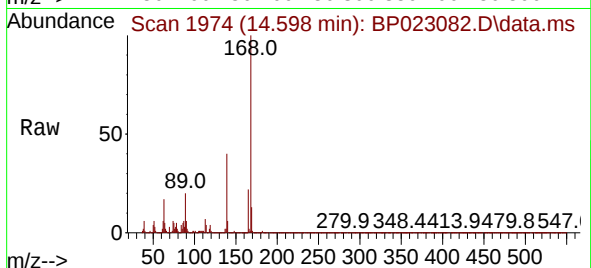
Tgt Ion:165 Resp: 82930

Ion Ratio Lower Upper

165 100

63 77.0 41.3 61.9#

182 3.1 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.603 ng/ul

RT: 14.851 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Tgt Ion:232 Resp: 81766

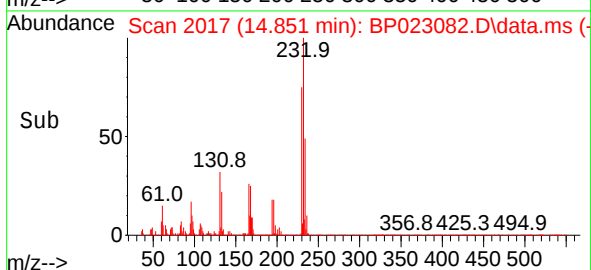
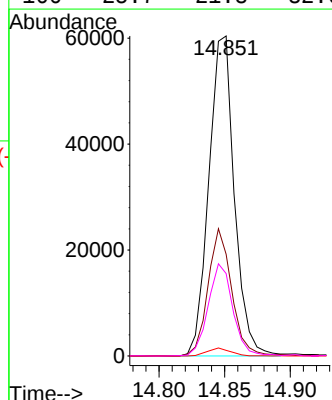
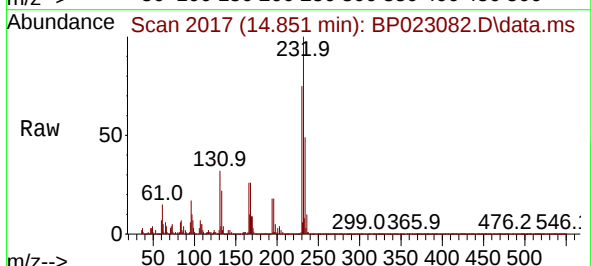
Ion Ratio Lower Upper

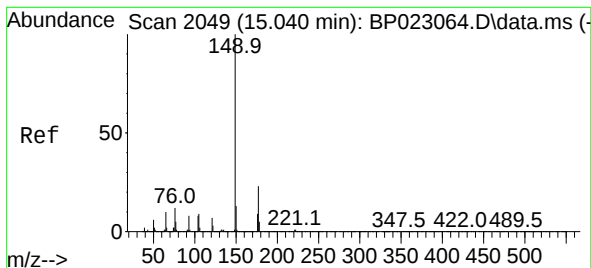
232 100

131 31.8 27.0 40.6

130 1.8 1.9 2.9#

166 25.7 21.8 32.6





#59

Diethylphthalate

Concen: 22.319 ng/ul

RT: 15.039 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

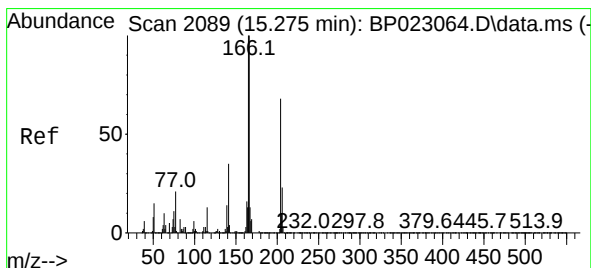
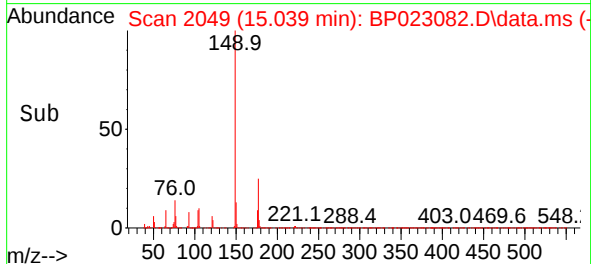
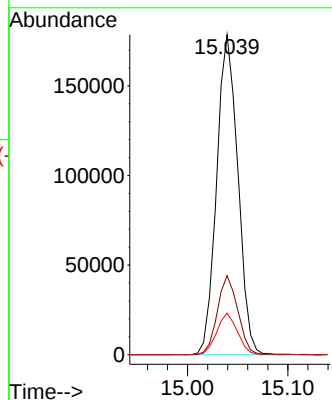
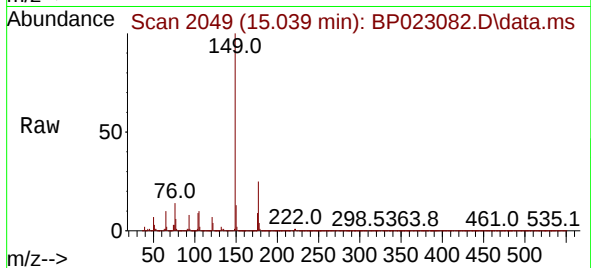
Tgt Ion:149 Resp: 262005

Ion Ratio Lower Upper

149 100

177 24.7 19.7 29.5

150 13.0 9.8 14.6



#61

Fluorene

Concen: 22.845 ng/ul

RT: 15.257 min Scan# 2086

Delta R.T. -0.018 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

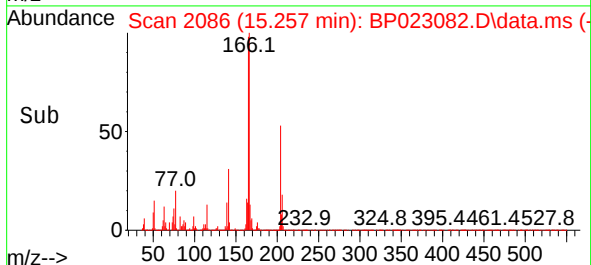
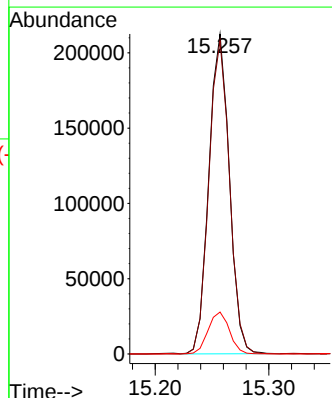
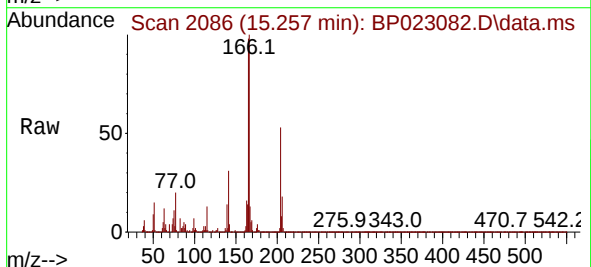
Tgt Ion:166 Resp: 266244

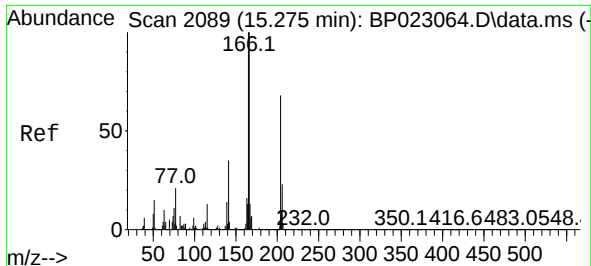
Ion Ratio Lower Upper

166 100

165 97.9 79.5 119.3

167 13.1 10.3 15.5

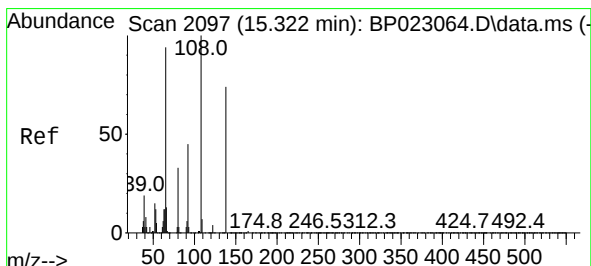
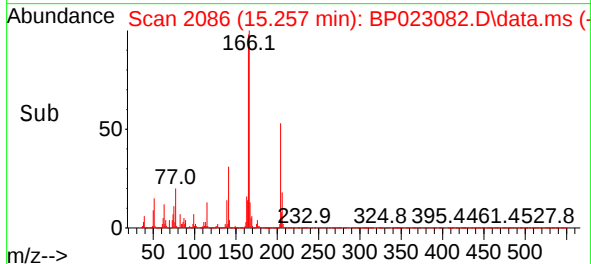
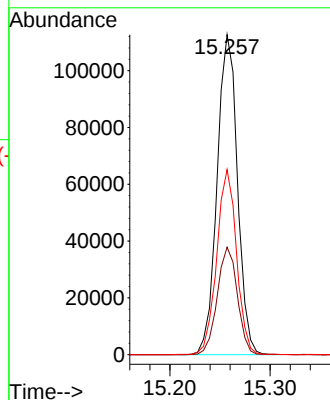
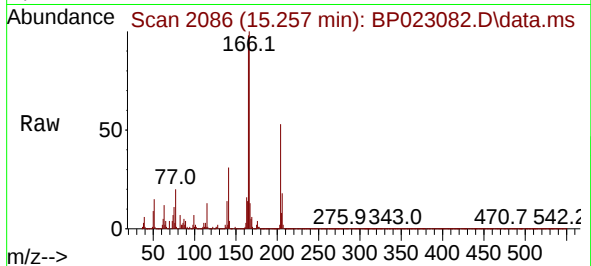




#62
4-Chlorophenyl-phenylether
Concen: 23.131 ng/ul
RT: 15.257 min Scan# 2086
Delta R.T. -0.018 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

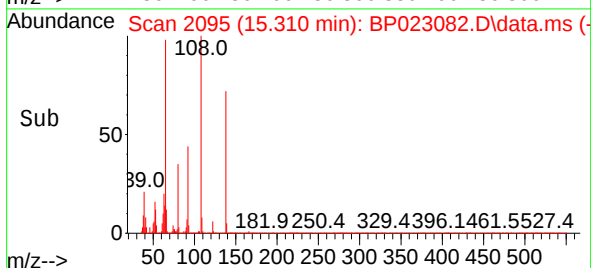
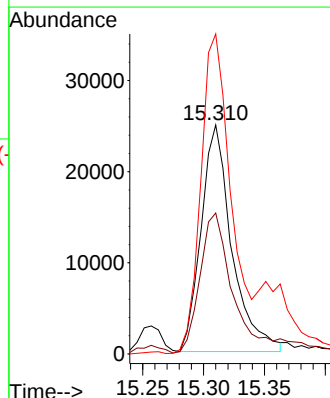
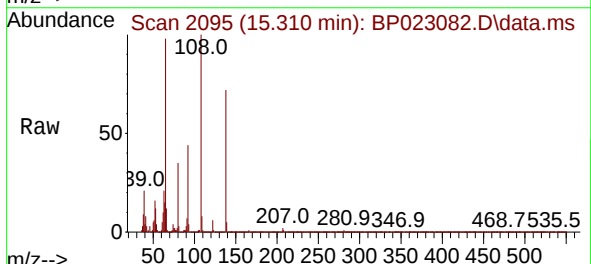
Instrument :
BNA_P
ClientSampleId :

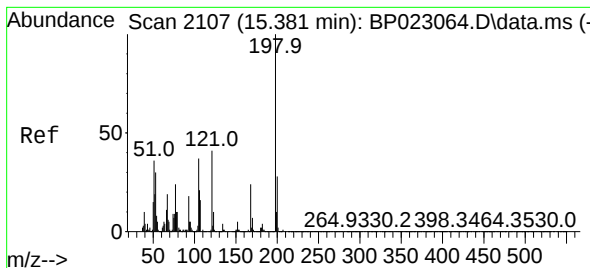
Tgt Ion:204 Resp: 158728
Ion Ratio Lower Upper
204 100
206 33.6 27.2 40.8
141 57.8 44.6 66.8



#63
4-Nitroaniline
Concen: 23.624 ng/ul
RT: 15.310 min Scan# 2095
Delta R.T. -0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:138 Resp: 43714
Ion Ratio Lower Upper
138 100
92 61.6 53.9 80.9
108 139.8 106.6 159.8

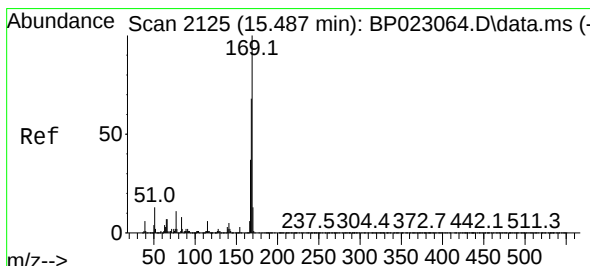
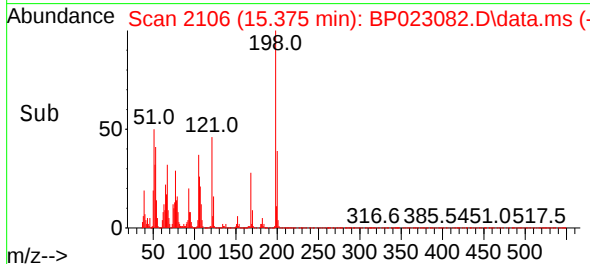
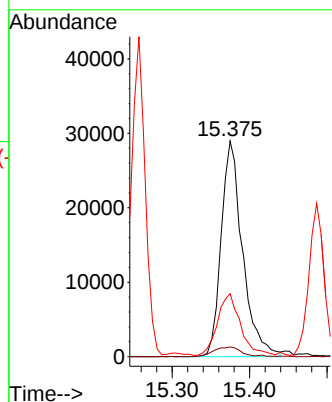
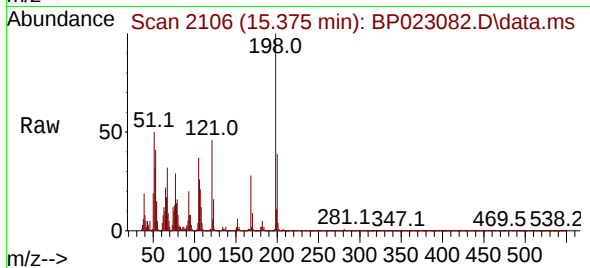




#66
4,6-Dinitro-2-methylphenol
Concen: 18.468 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

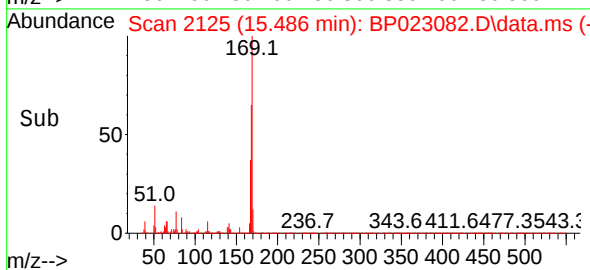
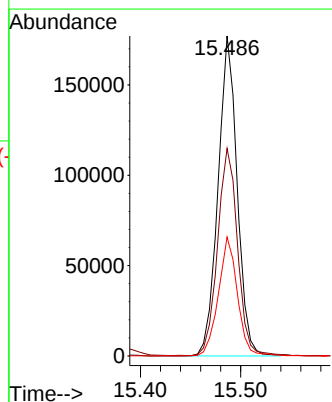
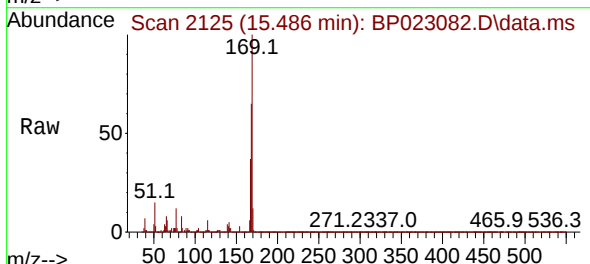
Instrument :
BNA_P
ClientSampleId :

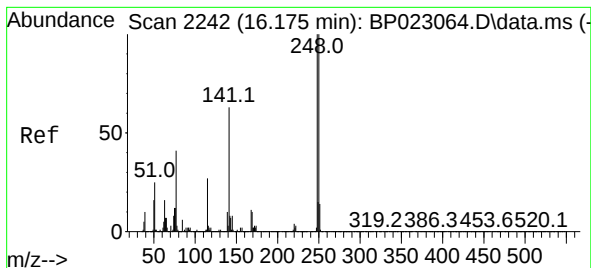
Tgt Ion:198 Resp: 55435
Ion Ratio Lower Upper
198 100
182 4.5 3.8 5.8
77 29.2 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 21.645 ng/ul
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:169 Resp: 234608
Ion Ratio Lower Upper
169 100
168 64.9 53.4 80.0
167 37.1 29.4 44.2





#68

4-Bromophenyl-phenylether

Concen: 21.397 ng/ul

RT: 16.180 min Scan# 2243

Delta R.T. 0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

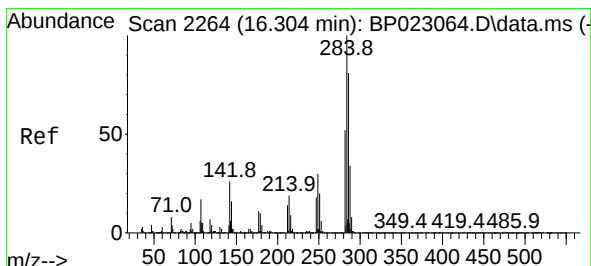
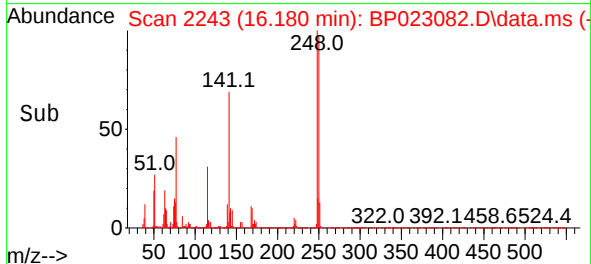
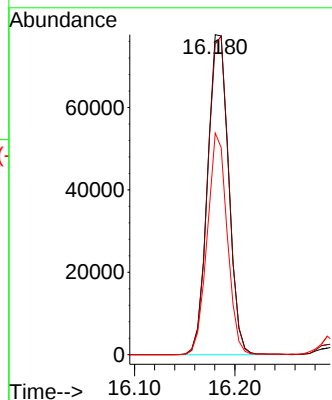
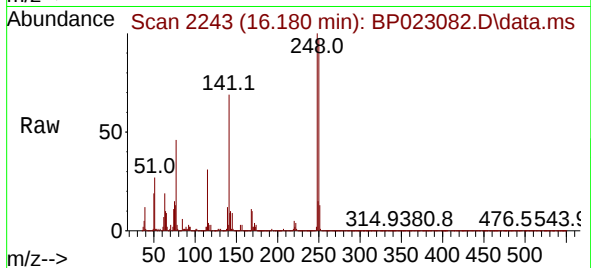
Tgt Ion:248 Resp: 113654

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

141 69.2 50.7 76.1



#69

Hexachlorobenzene

Concen: 21.198 ng/ul

RT: 16.292 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

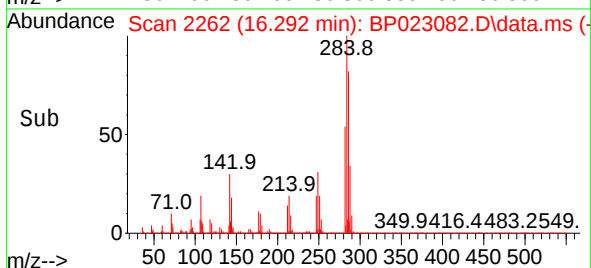
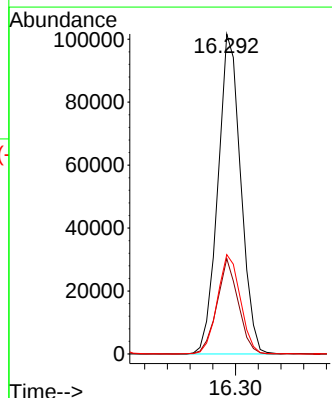
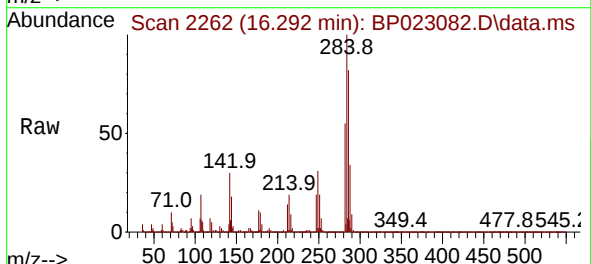
Tgt Ion:284 Resp: 141744

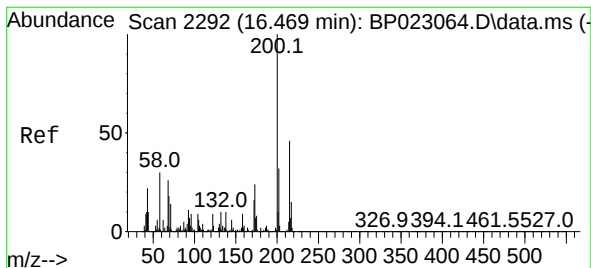
Ion Ratio Lower Upper

284 100

142 29.8 21.5 32.3

249 31.0 25.6 38.4





#70

Atrazine

Concen: 20.942 ng/ul

RT: 16.469 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

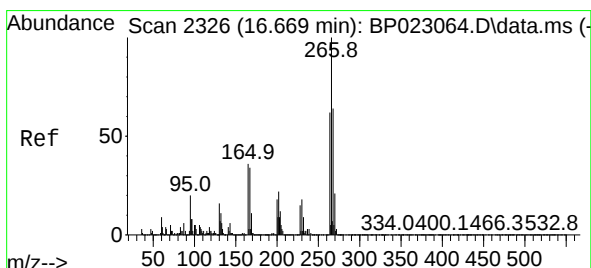
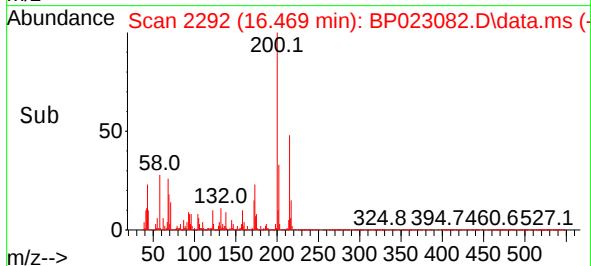
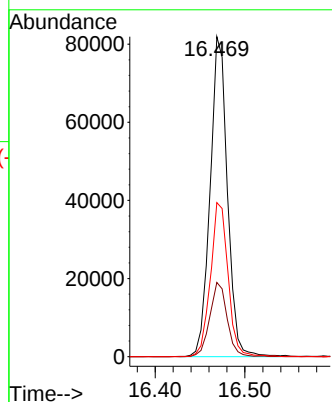
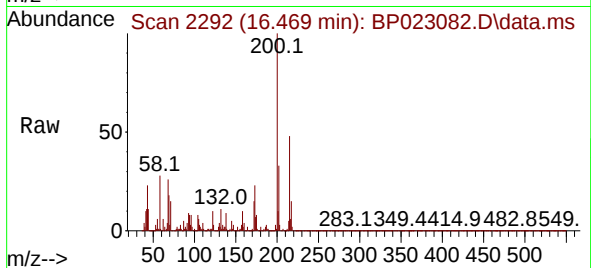
Tgt Ion:200 Resp: 109718

Ion Ratio Lower Upper

200 100

173 23.2 18.6 27.8

215 48.1 38.3 57.5



#71

Pentachlorophenol

Concen: 19.428 ng/ul

RT: 16.657 min Scan# 2324

Delta R.T. -0.012 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

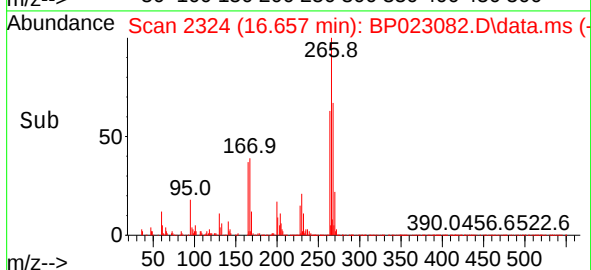
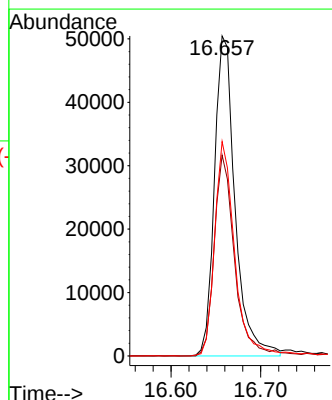
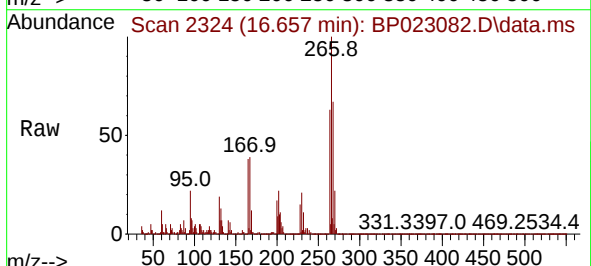
Tgt Ion:266 Resp: 80655

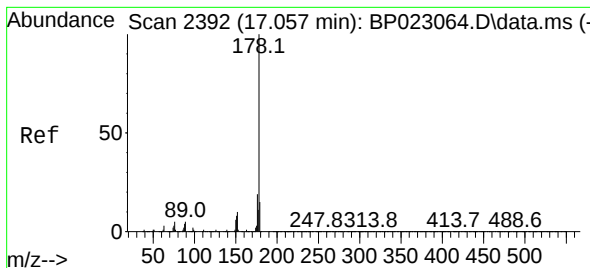
Ion Ratio Lower Upper

266 100

264 62.7 50.7 76.1

268 67.0 51.9 77.9





#72

Phenanthrene

Concen: 21.575 ng/ul

RT: 17.045 min Scan# 2407

Delta R.T. -0.012 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

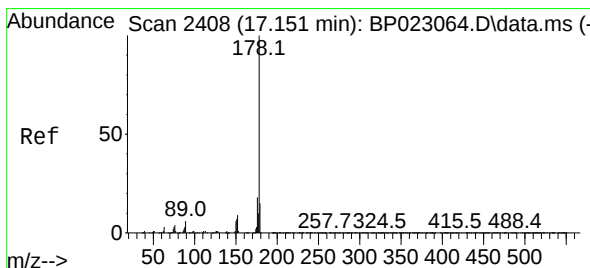
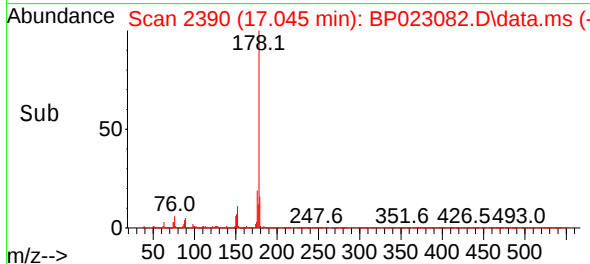
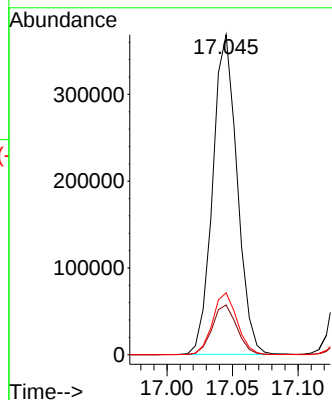
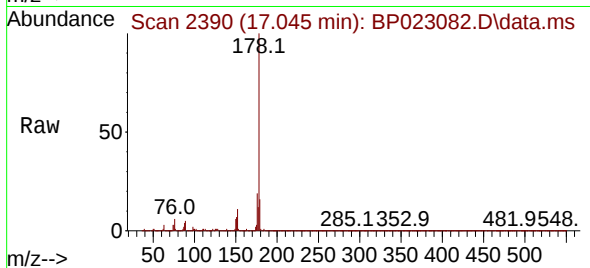
Tgt Ion:178 Resp: 477816

Ion Ratio Lower Upper

178 100

179 15.6 12.7 19.1

176 19.4 15.4 23.2



#74

Anthracene

Concen: 21.968 ng/ul

RT: 17.145 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

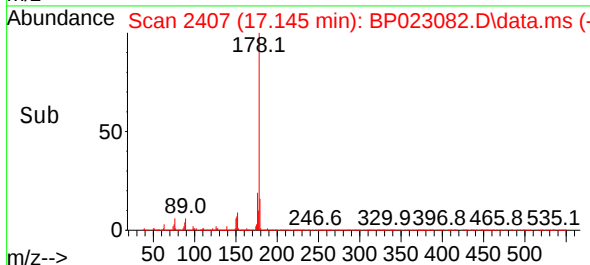
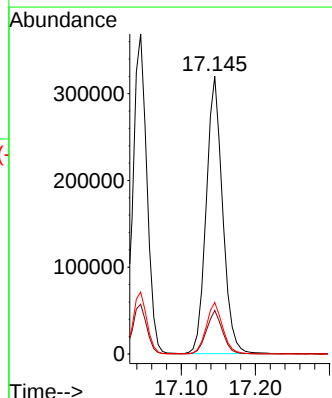
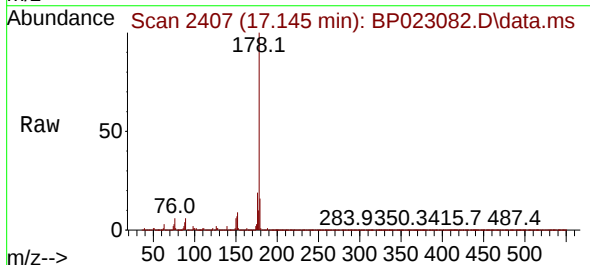
Tgt Ion:178 Resp: 489149

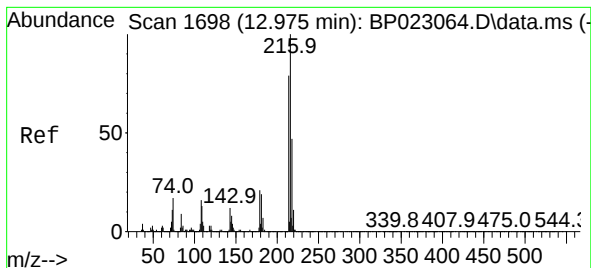
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.5 14.5 21.7

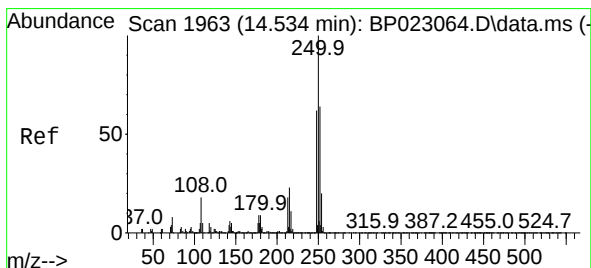
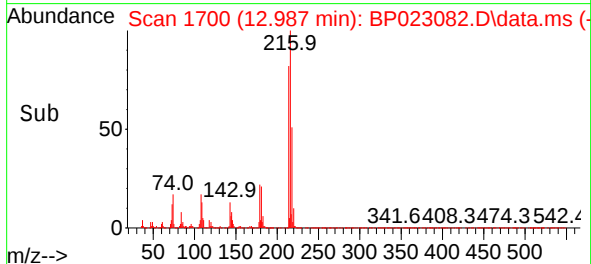
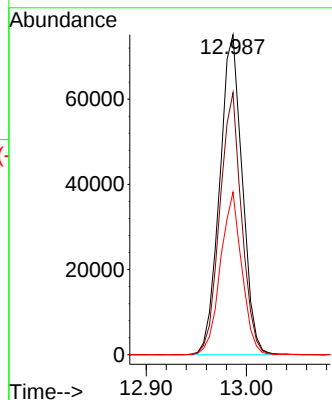
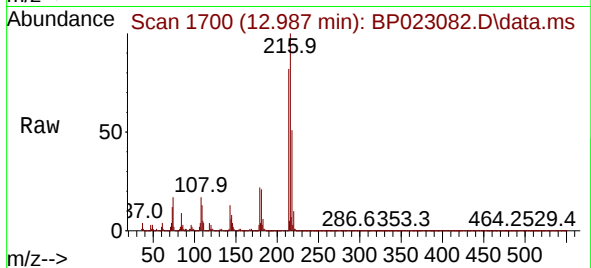




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.994 ng/uL
RT: 12.987 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

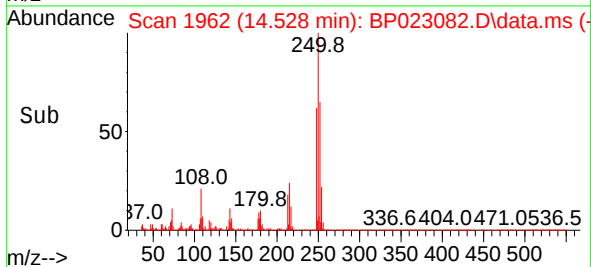
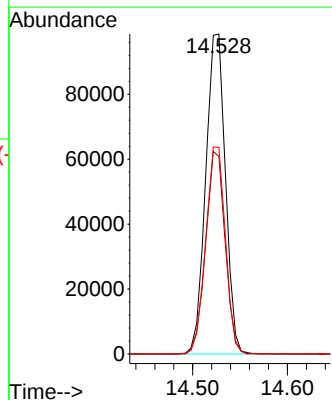
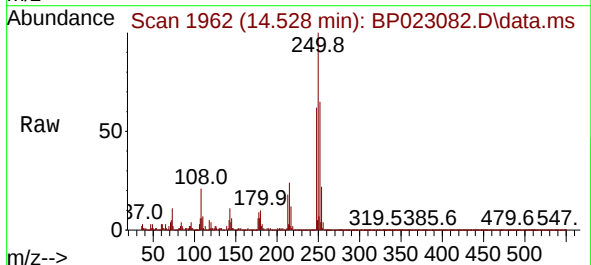
Instrument :
BNA_P
ClientSampleId :

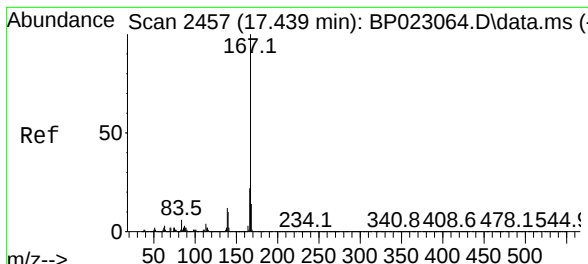
Tgt Ion:216 Resp: 117628
Ion Ratio Lower Upper
216 100
214 81.9 60.2 90.2
218 50.8 38.1 57.1



#76
Pentachlorobenzene
Concen: 20.098 ng/uL
RT: 14.528 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:250 Resp: 142120
Ion Ratio Lower Upper
250 100
248 61.7 52.2 78.2
252 64.6 50.1 75.1



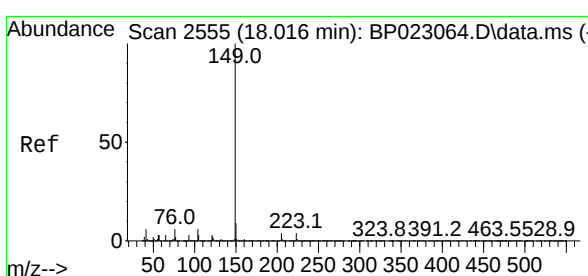
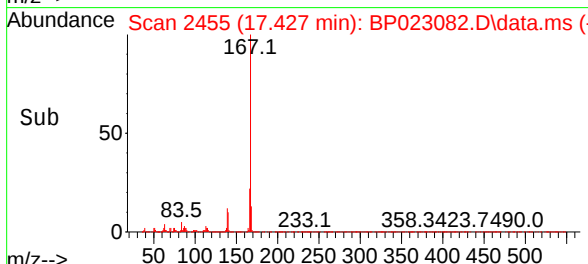
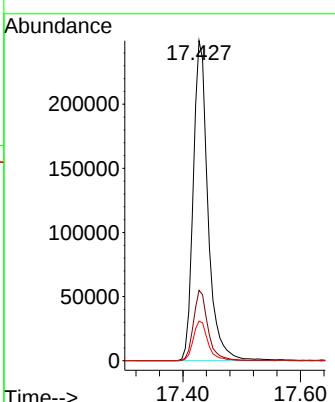
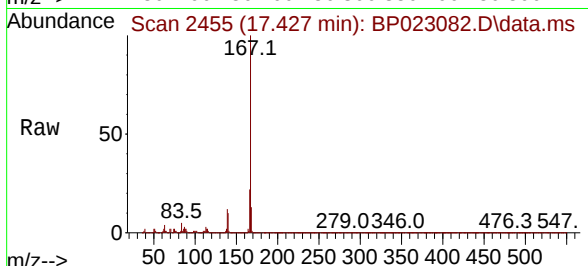


#77
 Carbazole
 Concen: 22.306 ng/ul
 RT: 17.427 min Scan# 2455
 Delta R.T. -0.012 min
 Lab File: BP023082.D
 Acq: 13 Nov 2024 15:31

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:167 Resp: 433317

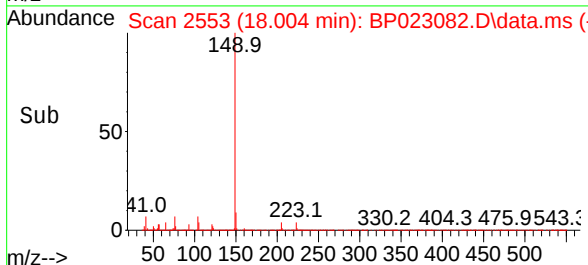
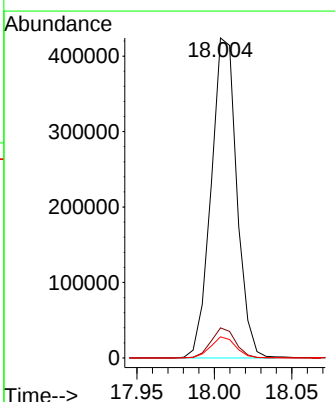
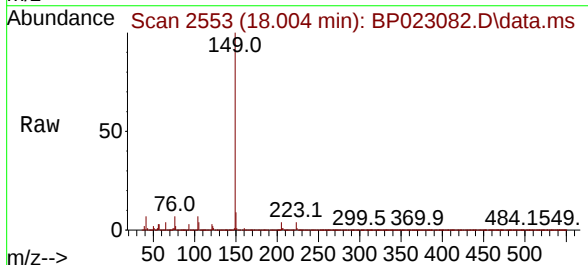
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.3	9.6	14.4

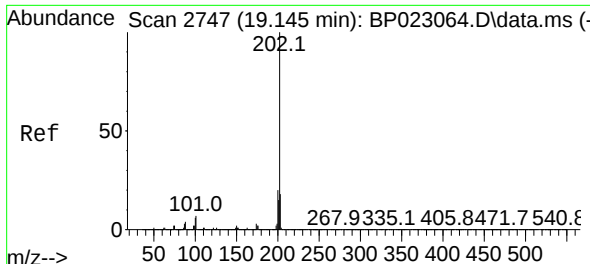


#78
 Di-n-butylphthalate
 Concen: 22.700 ng/ul
 RT: 18.004 min Scan# 2553
 Delta R.T. -0.012 min
 Lab File: BP023082.D
 Acq: 13 Nov 2024 15:31

Tgt Ion:149 Resp: 489359

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	6.6	5.0	7.4

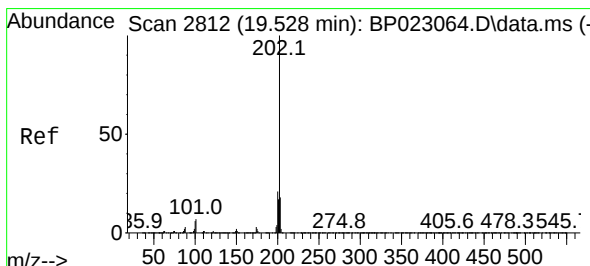
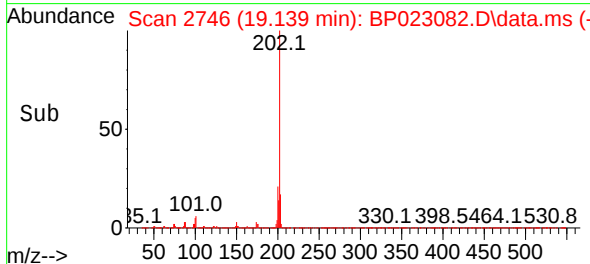
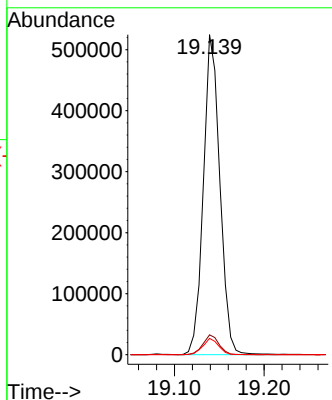
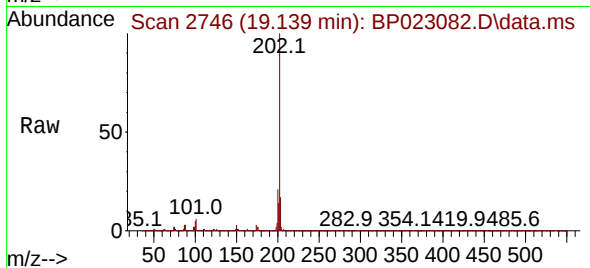




#80
Fluoranthene
Concen: 20.956 ng/ul
RT: 19.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

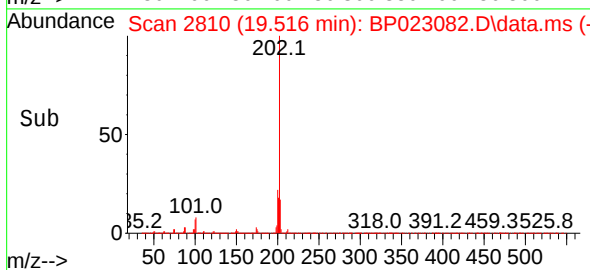
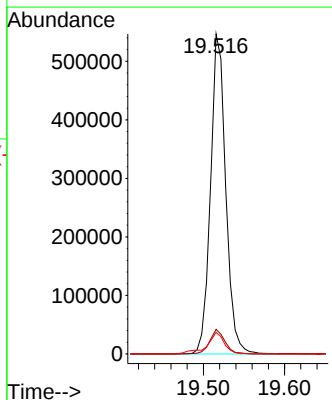
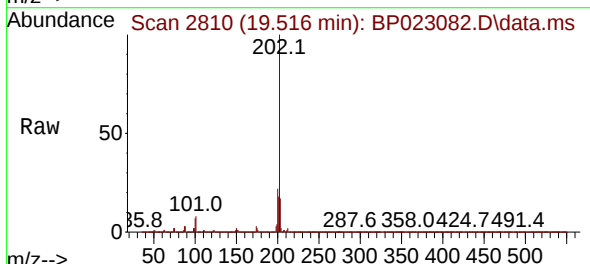
Instrument :
BNA_P
ClientSampleId :

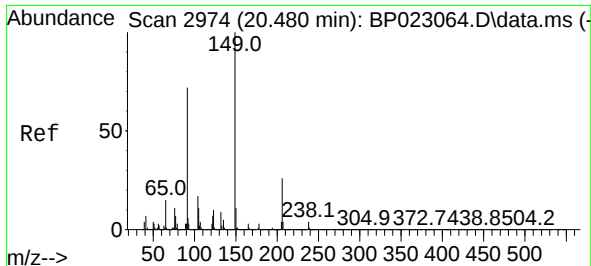
Tgt Ion:202 Resp: 668211
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
100 5.1 4.1 6.1



#82
Pyrene
Concen: 20.770 ng/ul
RT: 19.516 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:202 Resp: 711482
Ion Ratio Lower Upper
202 100
101 7.7 6.2 9.2
100 6.8 4.9 7.3

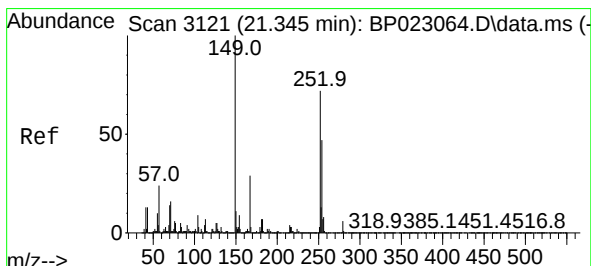
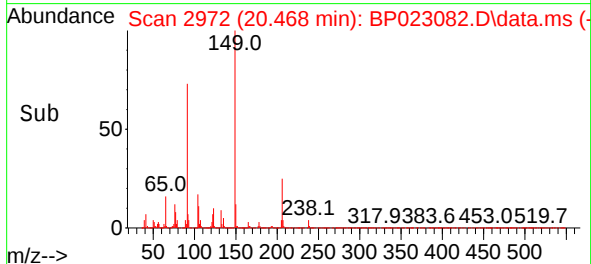
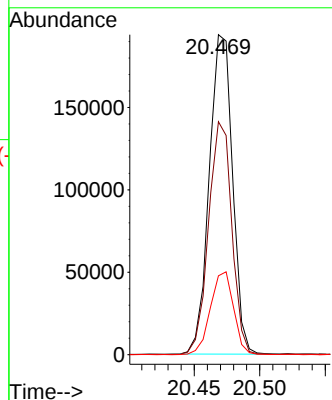
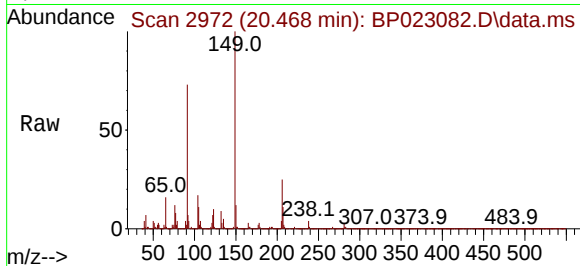




#83
Butylbenzylphthalate
Concen: 21.261 ng/ul
RT: 20.468 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

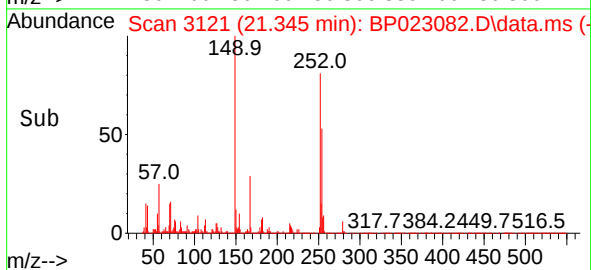
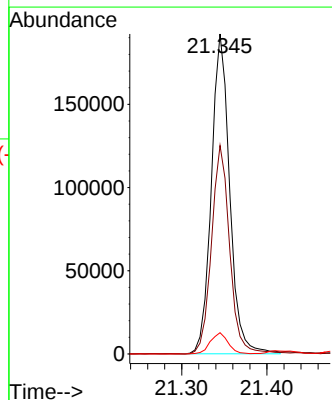
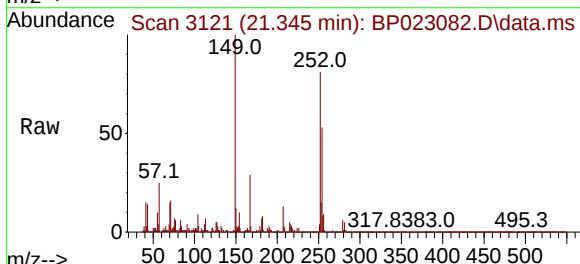
Instrument :
BNA_P
ClientSampleId :

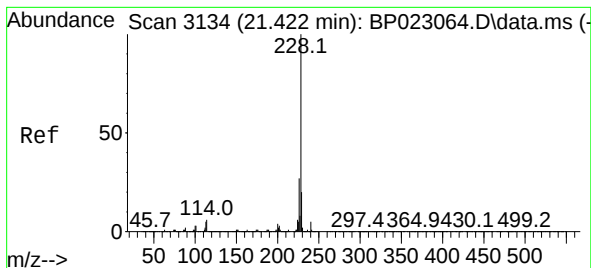
Tgt Ion:149 Resp: 239780
Ion Ratio Lower Upper
149 100
91 72.8 55.6 83.4
206 24.6 20.2 30.2



#84
3,3'-Dichlorobenzidine
Concen: 21.271 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:252 Resp: 286912
Ion Ratio Lower Upper
252 100
254 65.1 52.0 78.0
126 6.6 5.0 7.6





#85

Benzo(a)anthracene

Concen: 21.396 ng/ul

RT: 21.416 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

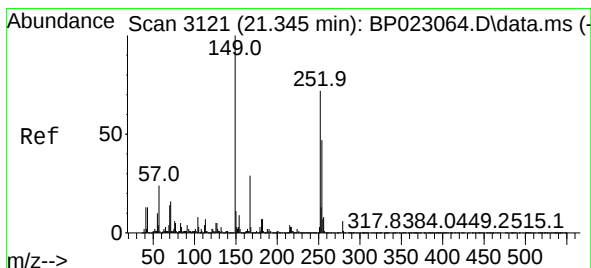
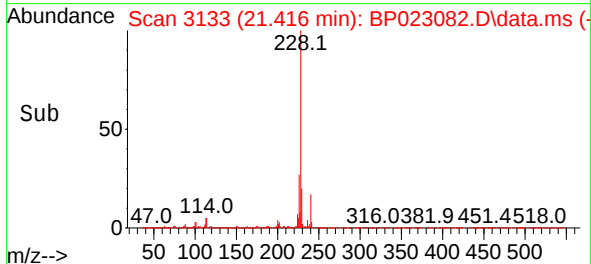
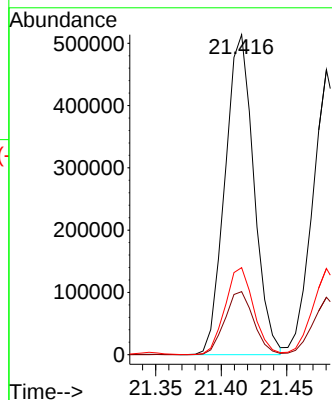
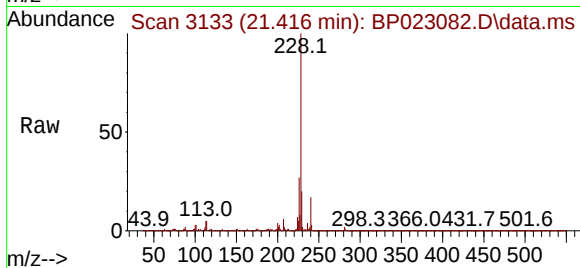
Tgt Ion:228 Resp: 785074

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.502 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

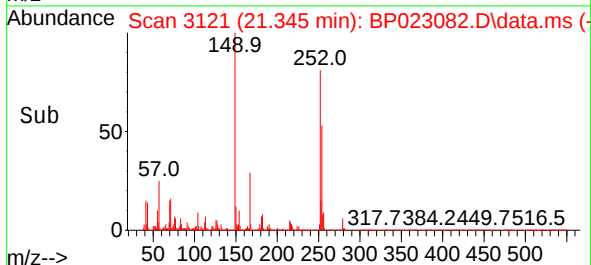
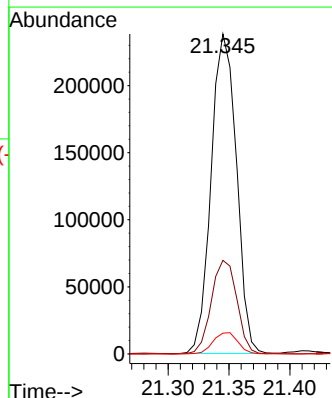
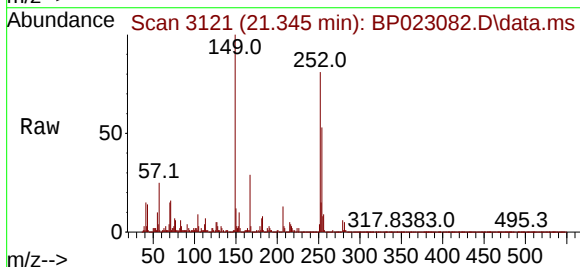
Tgt Ion:149 Resp: 344610

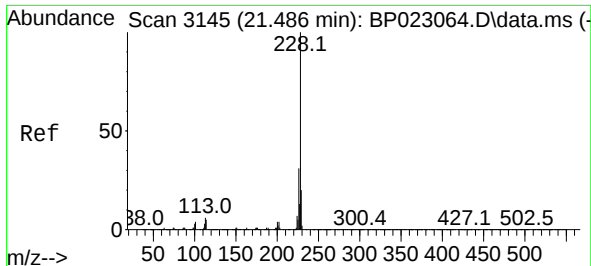
Ion Ratio Lower Upper

149 100

167 29.3 24.5 36.7

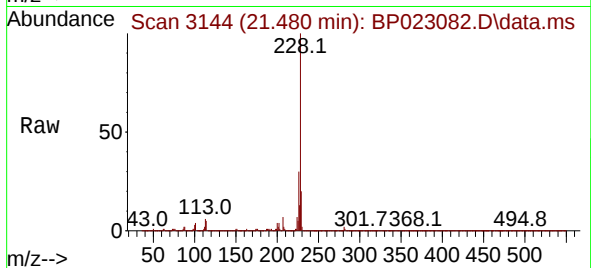
279 6.5 5.5 8.3



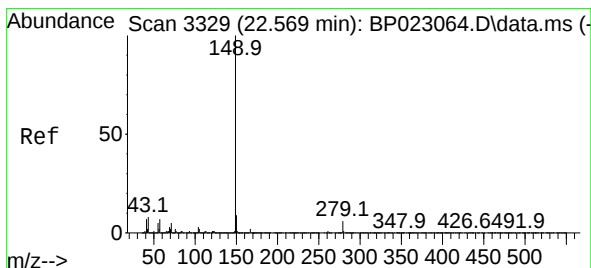
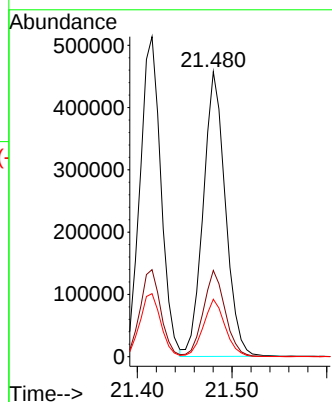
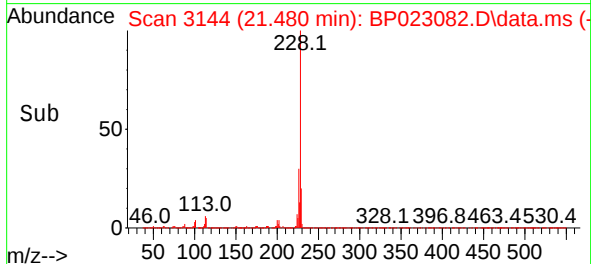


#87
Chrysene
Concen: 21.510 ng/ul
RT: 21.480 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Instrument :
BNA_P
ClientSampleId :

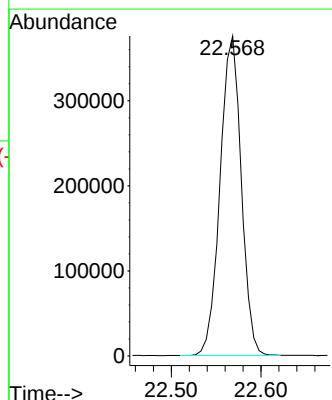
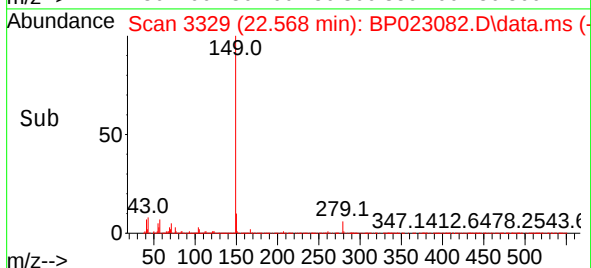
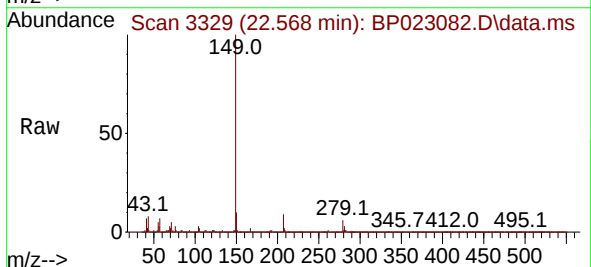


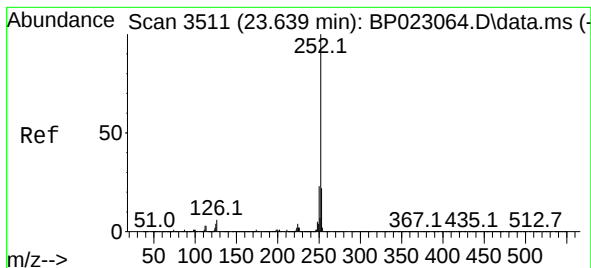
Tgt Ion:228 Resp: 742648
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 20.2 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 20.111 ng/ul
RT: 22.568 min Scan# 3329
Delta R.T. -0.000 min
Lab File: BP023082.D
Acq: 13 Nov 2024 15:31

Tgt Ion:149 Resp: 615685





#90

Benzo(b)fluoranthene

Concen: 21.143 ng/ul

RT: 23.633 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

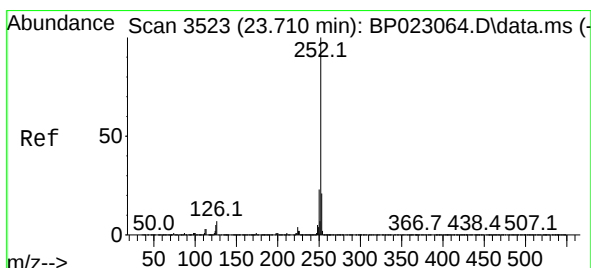
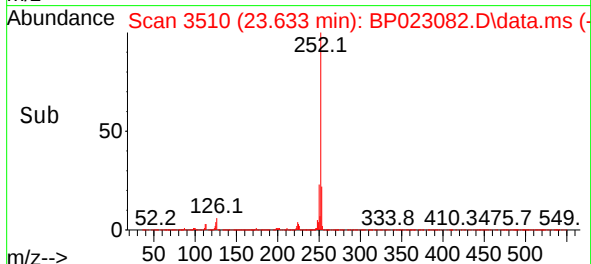
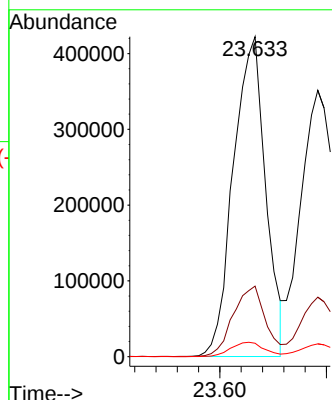
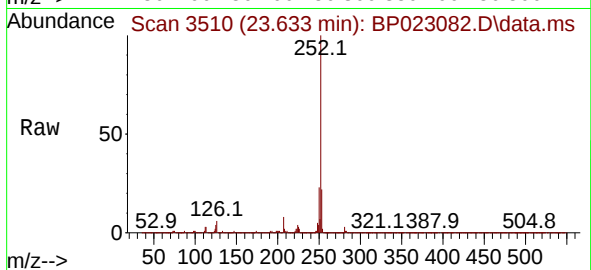
Tgt Ion:252 Resp: 888028

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 4.2 3.7 5.5



#91

Benzo(k)fluoranthene

Concen: 21.478 ng/ul

RT: 23.633 min Scan# 3510

Delta R.T. -0.077 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

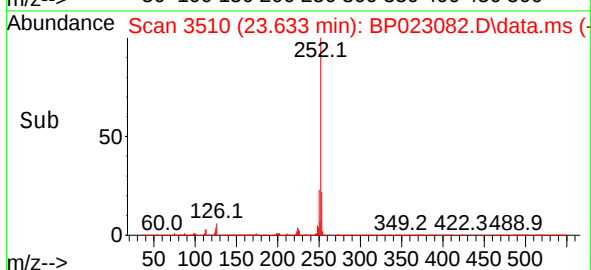
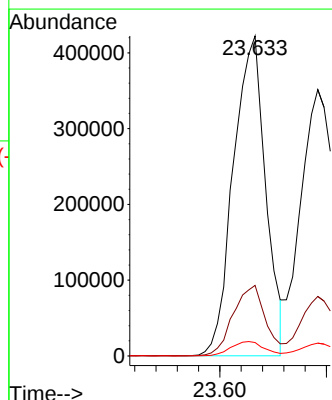
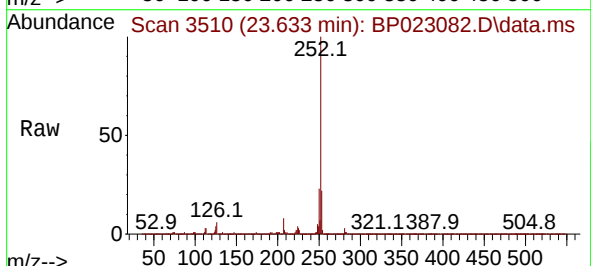
Tgt Ion:252 Resp: 888028

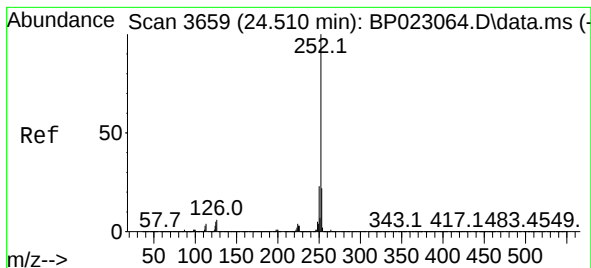
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 4.2 3.0 4.4





#93

Benzo(a)pyrene

Concen: 21.702 ng/ul

RT: 24.492 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

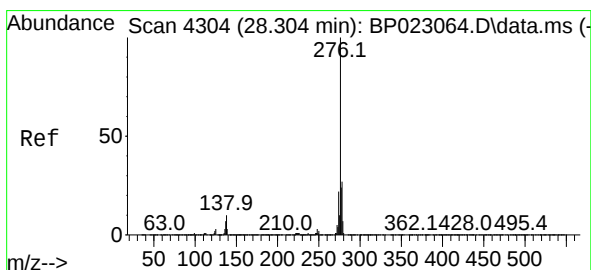
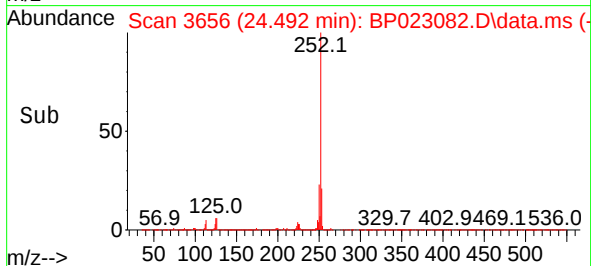
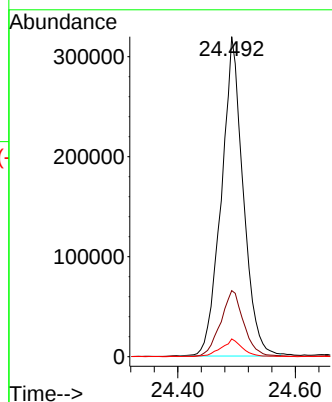
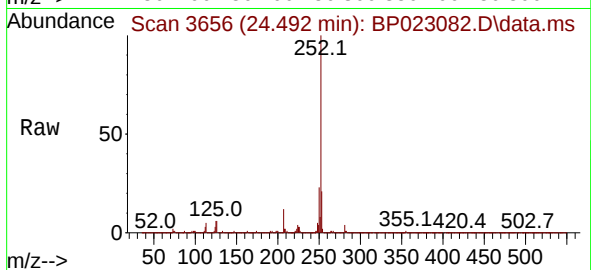
Tgt Ion:252 Resp: 823969

Ion Ratio Lower Upper

252 100

253 20.7 17.6 26.4

125 5.5 4.2 6.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.113 ng/ul

RT: 28.274 min Scan# 4299

Delta R.T. -0.030 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

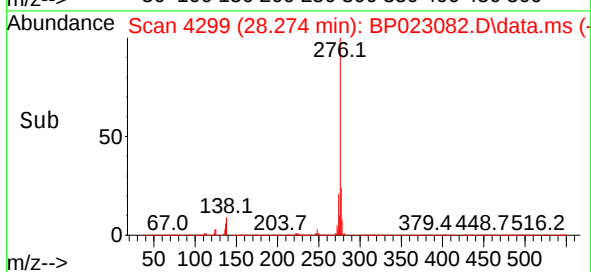
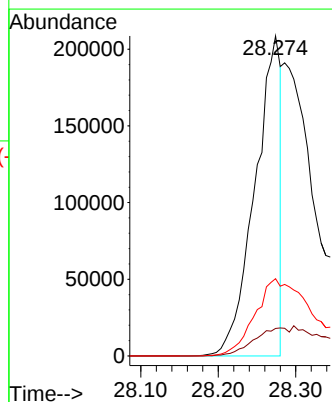
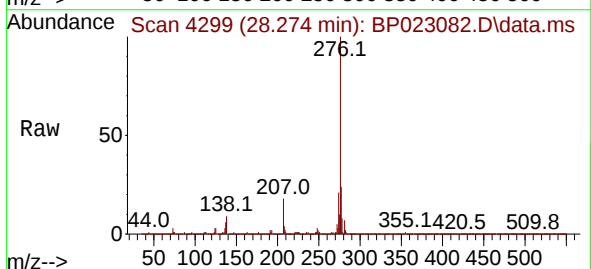
Tgt Ion:276 Resp: 482033

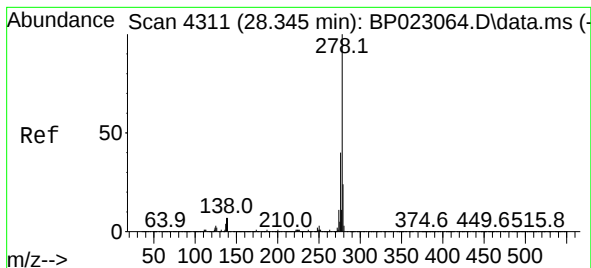
Ion Ratio Lower Upper

276 100

138 8.6 7.0 10.4

277 24.1 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 20.794 ng/ul

RT: 28.350 min Scan# 4411

Delta R.T. 0.006 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Instrument :

BNA_P

ClientSampleId :

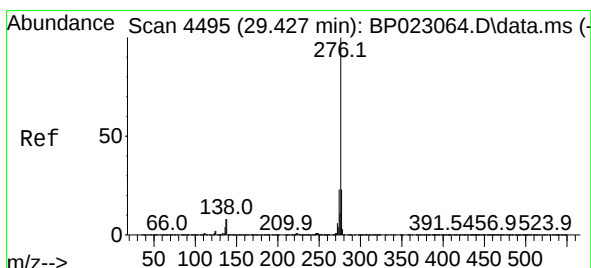
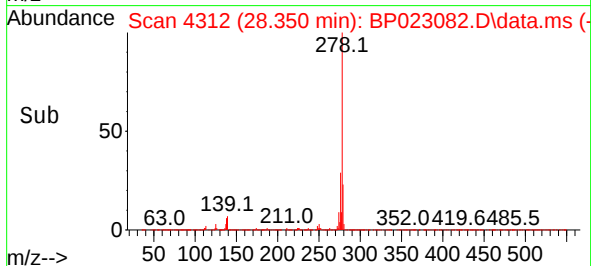
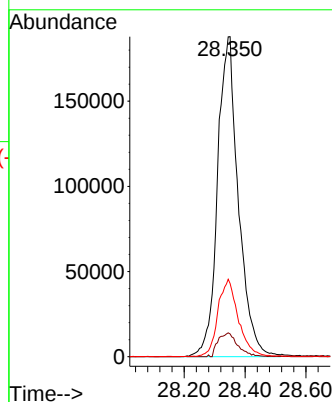
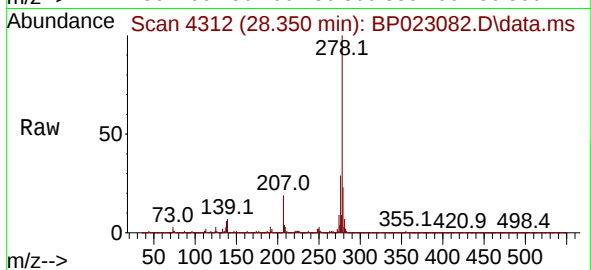
Tgt Ion:278 Resp: 893113

Ion Ratio Lower Upper

278 100

139 7.1 5.4 8.0

279 22.8 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 20.533 ng/ul

RT: 29.397 min Scan# 4490

Delta R.T. -0.030 min

Lab File: BP023082.D

Acq: 13 Nov 2024 15:31

Tgt Ion:276 Resp: 824990

Ion Ratio Lower Upper

276 100

138 9.2 7.1 10.7

277 24.1 19.4 29.2

