

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012225\
 Data File : BP023706.D
 Acq On : 22 Jan 2025 16:50
 Operator : RC/JU
 Sample : SSTD16078
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160614

Quant Time: Jan 22 23:37:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 23:30:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	601224	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	2541875	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1588141	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	3232490	20.000	ng/u1	0.01
79) Chrysene-d12	21.674	240	3263625	20.000	ng/u1	0.02
88) Perylene-d12	25.057	264	3482451	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	917526	61.467	ng/uL	0.00
4) Pyridine-d5	3.705	84	6743596	156.554	ng/u1	0.00
7) Phenol-d5	6.969	99	8417208	165.455	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	4309459	149.971	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	6641286	171.718	ng/u1	0.01
15) 4-Methylphenol-d8	8.499	113	6513256	162.815	ng/u1	0.01
21) Nitrobenzene-d5	8.946	128	3262560	170.358	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	3559689	202.742	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	6453618	174.868	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	9113337	154.408	ng/u1	0.01
46) Dimethylphthalate-d6	13.828	166	15704794	137.502	ng/u1	0.00
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/u1	
54) 4-Nitrophenol-d4	14.634	143	3924356	171.001	ng/u1	0.03
60) Fluorene-d10	15.434	176	14203468	145.276	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	3265408	205.134	ng/u1	0.02
73) Anthracene-d10	17.222	188	3232490	20.829	ng/u1	-0.09
81) Pyrene-d10	0.000	212	0	0.000	ng/u1	
92) Benzo(a)pyrene-d12	24.839	264	30046962	172.379	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	954409	60.440	ng/uL	96
5) Pyridine	3.722	79	6663655	153.019	ng/u1	98
6) Benzaldehyde	6.940	77	2321269	90.598	ng/u1	97
8) Phenol	6.999	94	8433925	158.436	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.228	93	6288728	151.856	ng/u1	98
12) 2-Chlorophenol	7.369	128	6738408	164.353	ng/u1	97
13) 2-Methylphenol	8.234	108	6315418	163.487	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	6210457	144.584	ng/u1	97
16) Acetophenone	8.616	105	9505480	147.955	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.622	70	4313134	145.110	ng/u1	93
18) 4-Methylphenol	8.569	108	6807536	158.497	ng/u1	97
19) Hexachloroethane	8.875	117	2621390	156.440	ng/u1	92
22) Nitrobenzene	8.987	77	6742532	150.689	ng/u1	94
23) Isophorone	9.528	82	13113395	154.085	ng/u1	95
25) 2-Nitrophenol	9.699	139	3788200	183.772	ng/u1	93
26) 2,4-Dimethylphenol	9.757	107	6645621	155.548	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.993	93	8179625	148.325	ng/u1	98
29) 2,4-Dichlorophenol	10.228	162	6310791	165.405	ng/u1	99
30) Naphthalene	10.734	128	699712	5.115	ng/u1#	1
32) 4-Chloroaniline	10.734	127	8450553	149.976	ng/u1	99
33) Hexachlorobutadiene	10.922	225	3784755	157.589	ng/u1	100
34) Caprolactam	11.534	113	1355433	98.158	ng/u1	96
35) 4-Chloro-3-methylphenol	11.863	107	6723112	170.104	ng/u1	96
36) 2-Methylnaphthalene	12.240	142	13693721	148.244	ng/u1	98

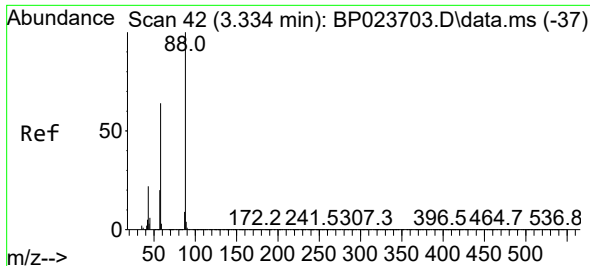
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012225\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	13411440	145.240	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.610	216	7193371	152.491	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	4111227	171.048	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	4996096	180.142	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	5424414	177.077	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	15057106	126.005	ng/ul	90
44) 2-Chloronaphthalene	13.292	162	13243291	142.346	ng/ul	95
45) 2-Nitroaniline	13.492	65	3837771	173.697	ng/ul	89
47) Dimethylphthalate	13.881	163	15563450	135.735	ng/ul#	92
48) 2,6-Dinitrotoluene	13.998	165	3849436	188.223	ng/ul	92
50) Acenaphthylene	13.992	152	18430	0.129	ng/ul#	89
51) 3-Nitroaniline	14.322	138	3623888	151.834	ng/ul	94
52) Acenaphthene	14.492	153	14443670	142.532	ng/ul	95
53) 2,4-Dinitrophenol	14.528	184	2316337	230.703	ng/ul	91
55) 4-Nitrophenol	14.645	109	2645770	157.096	ng/ul	90
56) Dibenzofuran	14.828	168	16822317	120.694	ng/ul#	76
57) 2,4-Dinitrotoluene	14.792	165	5626132	183.876	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.051	232	4643672	184.581	ng/ul	99
59) Diethylphthalate	15.269	149	14813160	131.353	ng/ul#	84
61) Fluorene	15.498	166	14555074	125.312	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	7510457	132.106	ng/ul	98
63) 4-Nitroaniline	15.516	138	3116136	128.322	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.575	198	3506020	195.843	ng/ul#	90
67) N-Nitrosodiphenylamine	15.698	169	13033417	134.246	ng/ul#	85
68) 4-Bromophenyl-phenylether	16.398	248	5790938	167.326	ng/ul	98
69) Hexachlorobenzene	16.516	284	6765057	160.634	ng/ul	95
70) Atrazine	16.680	200	5630506	157.228	ng/ul	98
71) Pentachlorophenol	16.863	266	4638217	182.324	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	7370753	157.171	ng/uL	97
76) Pentachlorobenzene	14.751	250	7711428	154.795	ng/uL	98
77) Carbazole	17.763	167	9904	0.062	ng/ul	94
80) Fluoranthene	19.286	202	60672	0.321	ng/ul#	49
83) Butylbenzylphthalate	20.674	149	11887266	160.718	ng/ul#	87
84) 3,3'-Dichlorobenzidine	21.574	252	9572989	166.205	ng/ul	99
85) Benzo(a)anthracene	21.716	228	2897133	14.002	ng/ul#	78
86) Bis(2-ethylhexyl)phtha...	21.733	149	114281	1.036	ng/ul#	57
87) Chrysene	21.716	228	2897133	14.957	ng/ul#	82
90) Benzo(b)fluoranthene	24.045	252	2418248	11.689	ng/ul#	91
91) Benzo(k)fluoranthene	24.045	252	2418248	11.339	ng/ul	92
94) Indeno(1,2,3-cd)pyrene	28.921	276	20754075	85.893	ng/ul	98
95) Dibenzo(a,h)anthracene	29.039	278	33704250	171.834	ng/ul	98
96) Benzo(g,h,i)perylene	30.139	276	20121290	108.106	ng/ul	98

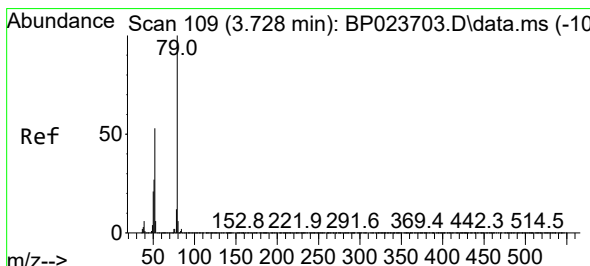
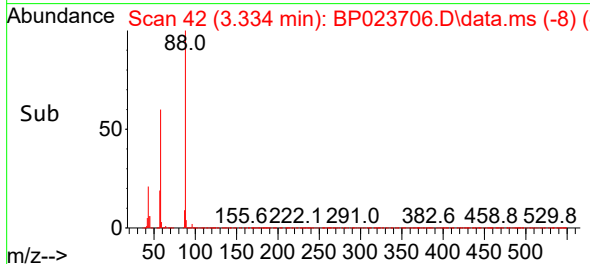
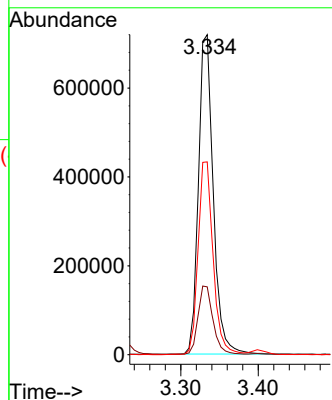
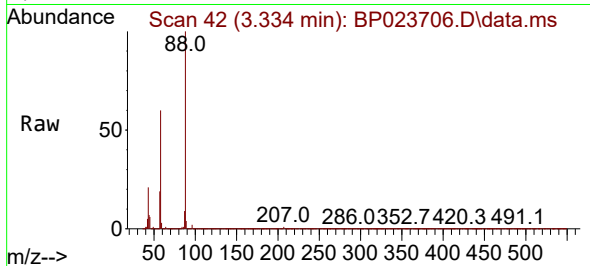
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#2
1,4-Dioxane
Concen: 60.440 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

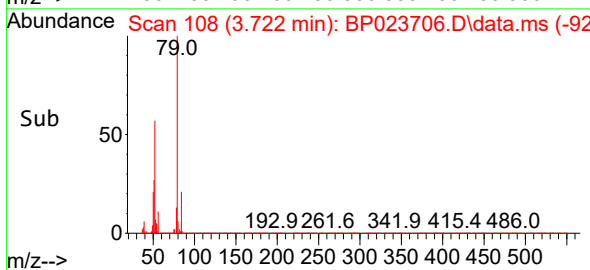
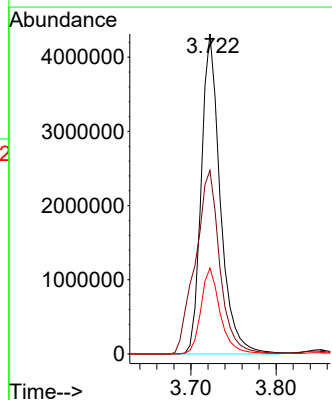
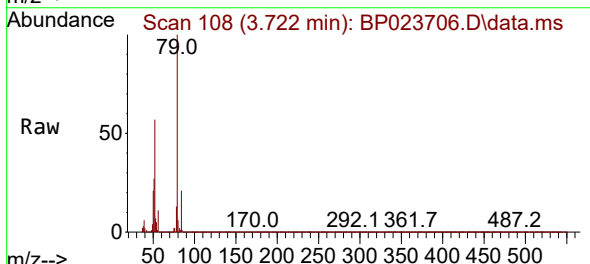
Instrument :
BNA_P
ClientSampleId :
SSTD160614

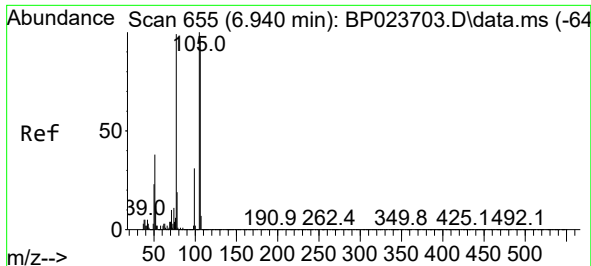
Tgt Ion: 88 Resp: 954409
Ion Ratio Lower Upper
88 100
43 21.2 18.3 27.5
58 60.3 50.7 76.1



#5
Pyridine
Concen: 153.019 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. -0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion: 79 Resp: 6663655
Ion Ratio Lower Upper
79 100
52 57.4 45.0 67.4
51 26.8 22.2 33.4

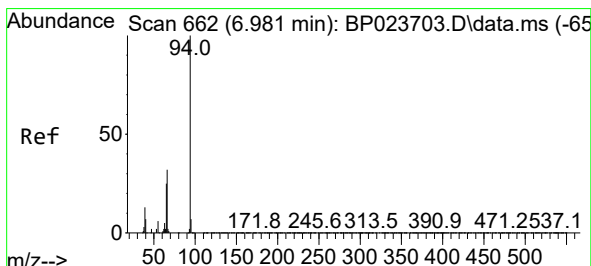
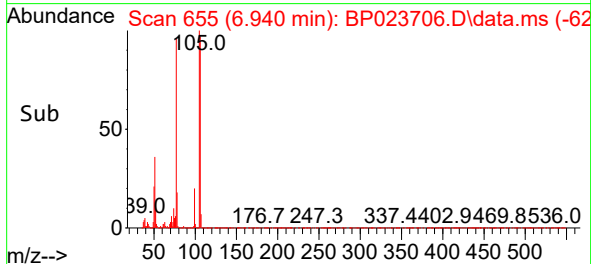
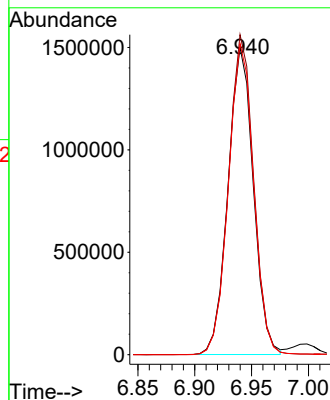
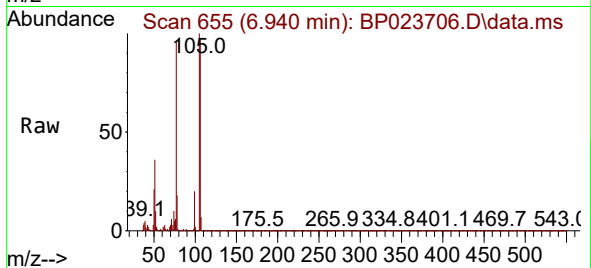




#6
Benzaldehyde
Concen: 90.598 ng/ul
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

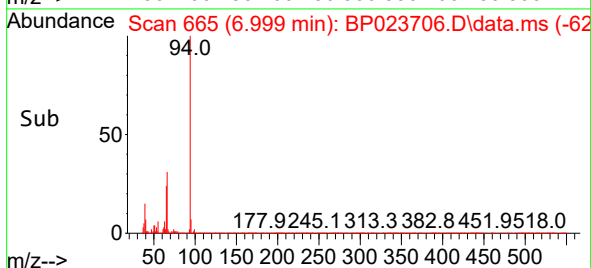
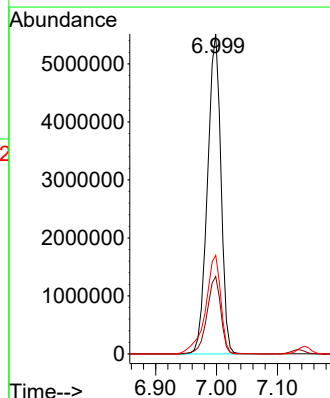
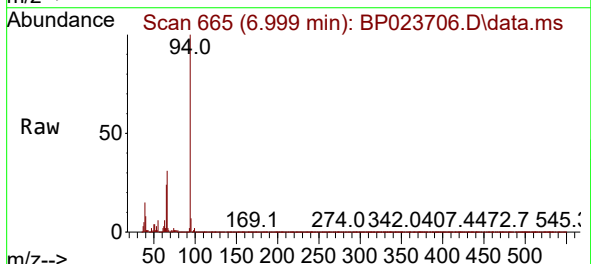
Instrument :
BNA_P
ClientSampleId :
SSTD160614

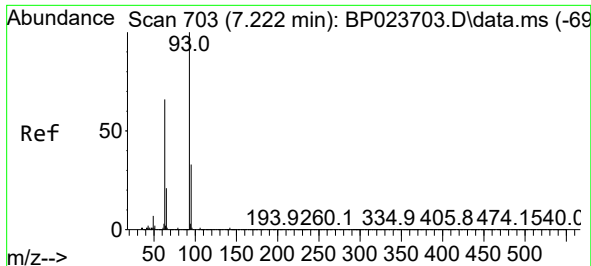
Tgt Ion: 77 Resp: 2321269
Ion Ratio Lower Upper
77 100
105 104.1 81.0 121.6
106 101.2 78.6 118.0



#8
Phenol
Concen: 158.436 ng/ul
RT: 6.999 min Scan# 665
Delta R.T. 0.018 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion: 94 Resp: 8433925
Ion Ratio Lower Upper
94 100
65 24.2 20.2 30.2
66 30.9 26.0 39.0



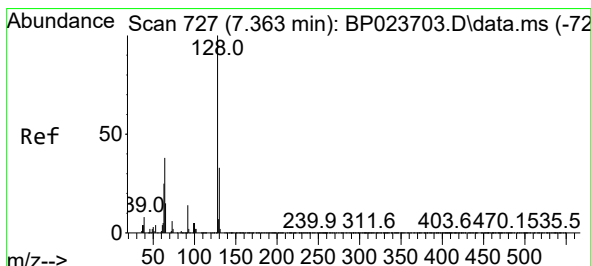
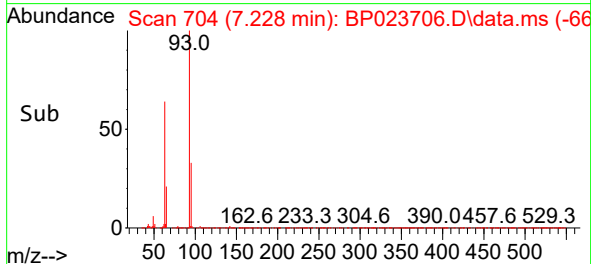
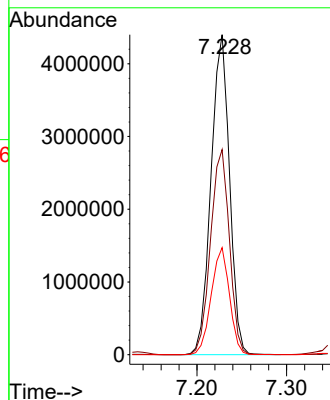
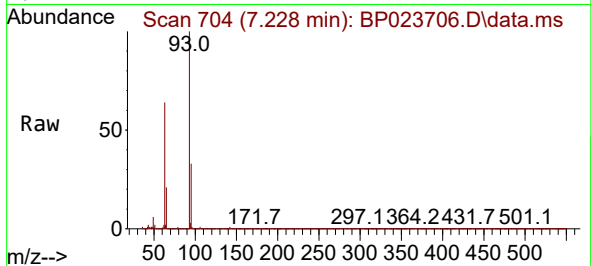


#10
Bis(2-Chloroethyl)ether
Concen: 151.856 ng/ul
RT: 7.228 min Scan# 703
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Instrument :
BNA_P
ClientSampleId :
SSTD160614

Tgt Ion: 93 Resp: 6288728

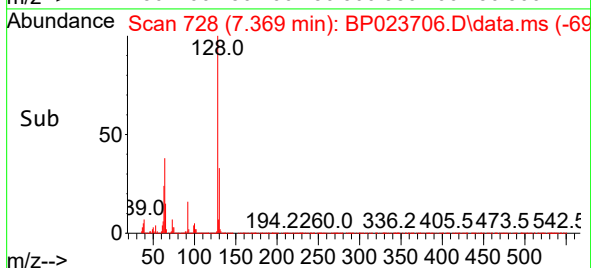
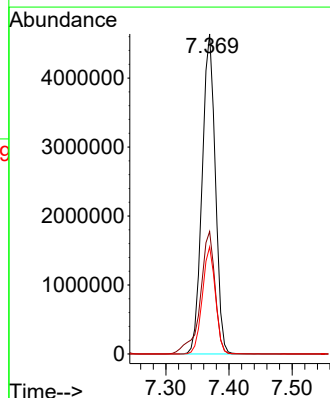
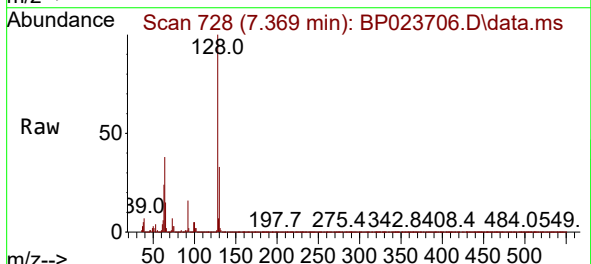
Ion	Ratio	Lower	Upper
93	100		
63	64.1	52.9	79.3
95	33.5	26.1	39.1

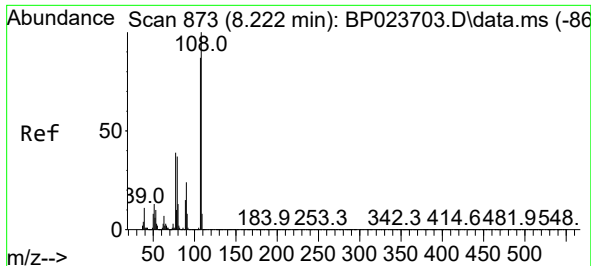


#12
2-Chlorophenol
Concen: 164.353 ng/ul
RT: 7.369 min Scan# 728
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:128 Resp: 6738408

Ion	Ratio	Lower	Upper
128	100		
64	38.2	32.4	48.6
130	33.4	26.2	39.4





#13

2-Methylphenol

Concen: 163.487 ng/ul

RT: 8.234 min Scan# 81

Delta R.T. 0.012 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

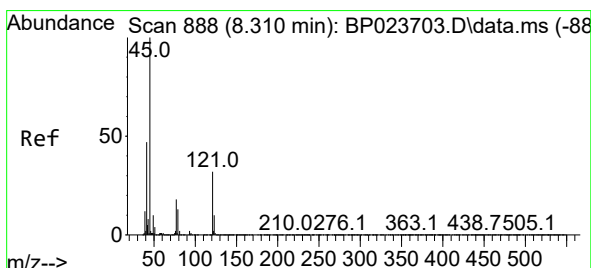
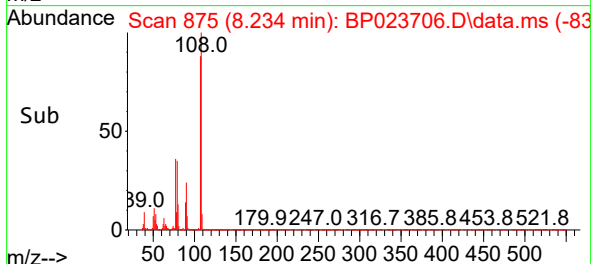
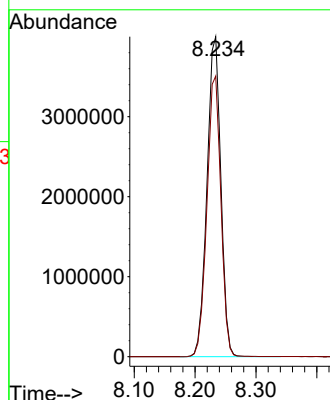
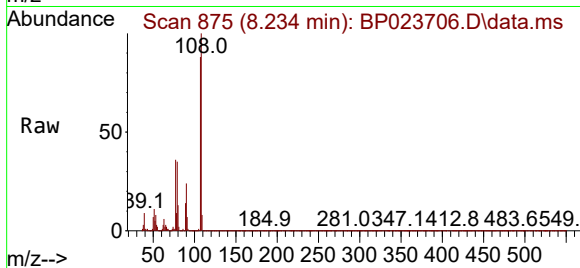
SSTD160614

Tgt Ion:108 Resp: 6315418

Ion Ratio Lower Upper

108 100

107 87.7 69.6 104.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 144.584 ng/ul

RT: 8.316 min Scan# 889

Delta R.T. 0.006 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

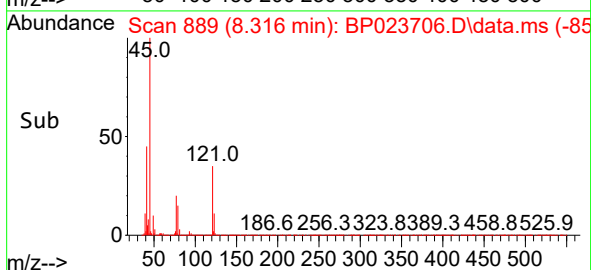
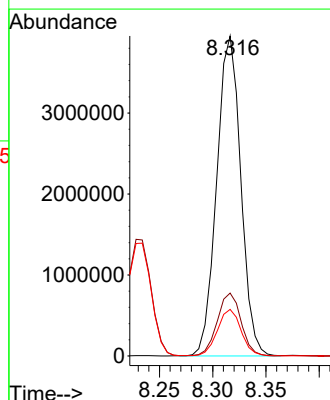
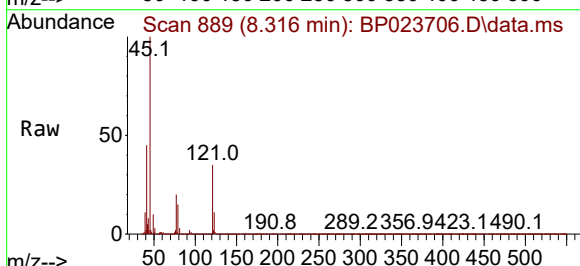
Tgt Ion: 45 Resp: 6210457

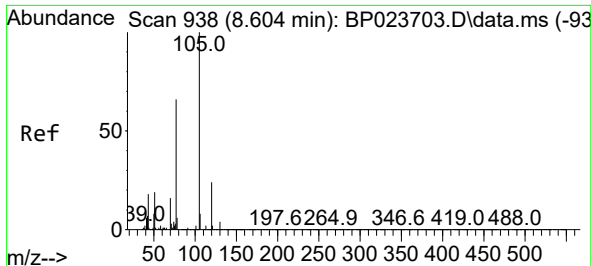
Ion Ratio Lower Upper

45 100

77 19.7 14.8 22.2

79 14.5 10.6 16.0

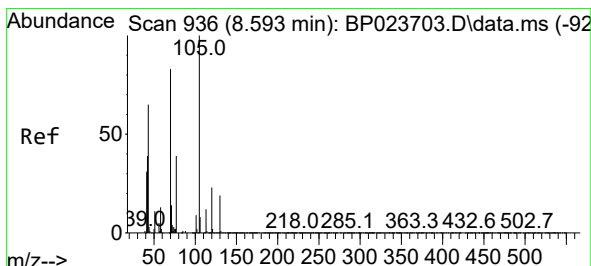
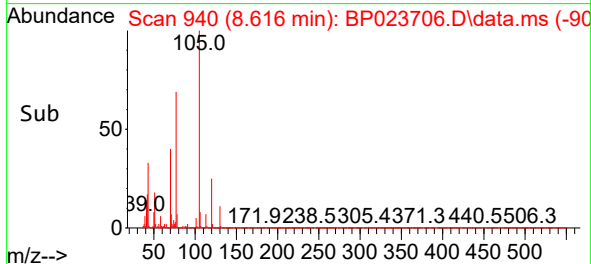
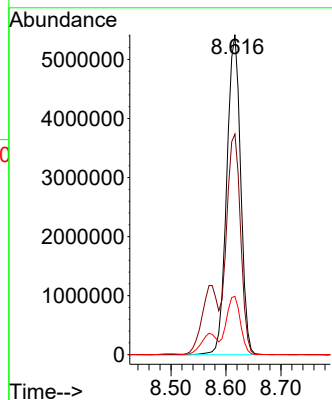
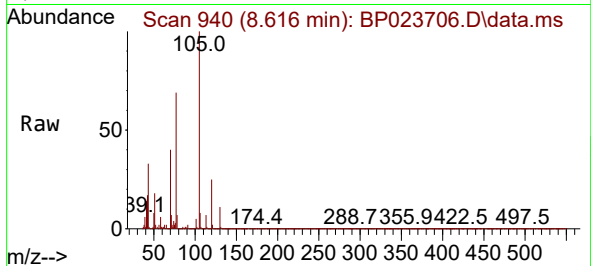




#16
Acetophenone
Concen: 147.955 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

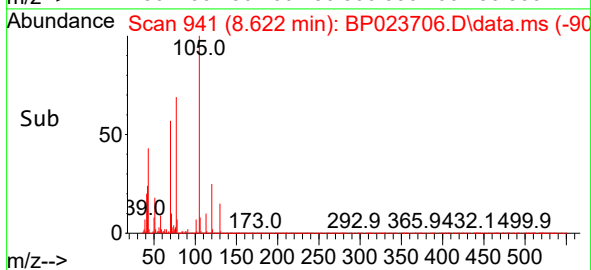
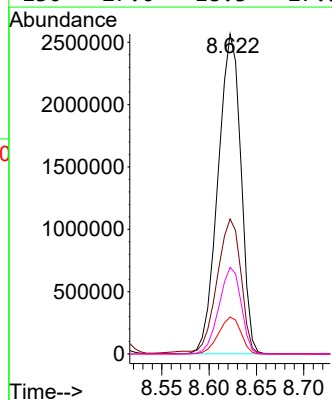
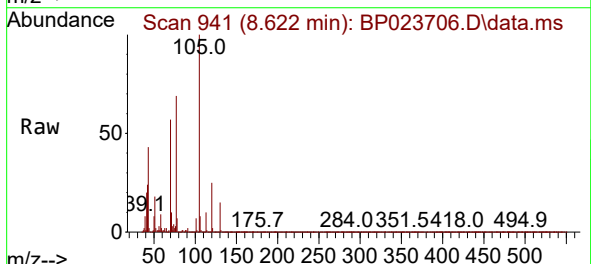
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ClientSampleId :
SSTD160614

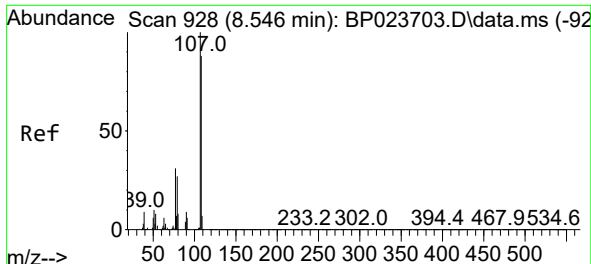
Tgt Ion:105 Resp: 9505480
Ion Ratio Lower Upper
105 100
77 68.9 58.1 87.1
51 18.2 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 145.110 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. 0.029 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion: 70 Resp: 4313134
Ion Ratio Lower Upper
70 100
42 42.2 37.7 56.5
101 11.5 8.4 12.6
130 27.0 18.3 27.5

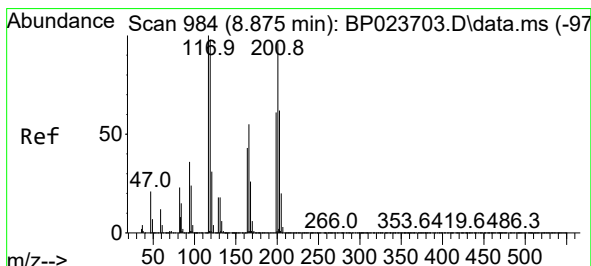
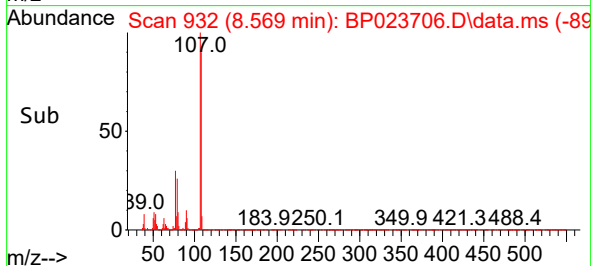
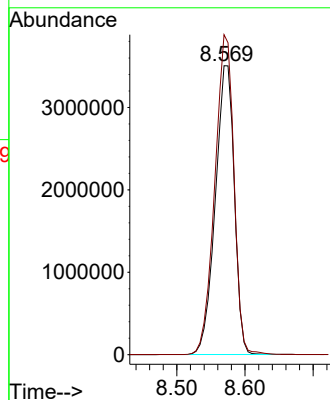
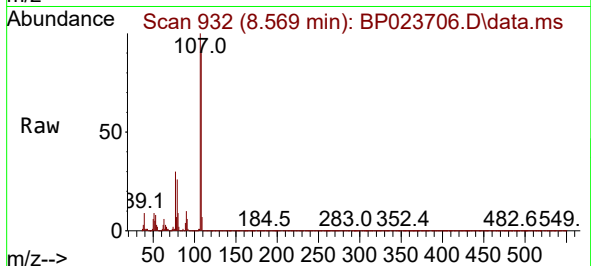




#18
4-Methylphenol
Concen: 158.497 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. 0.024 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

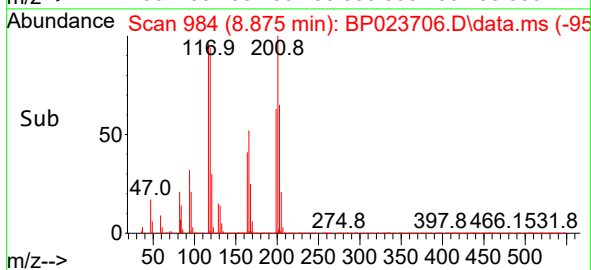
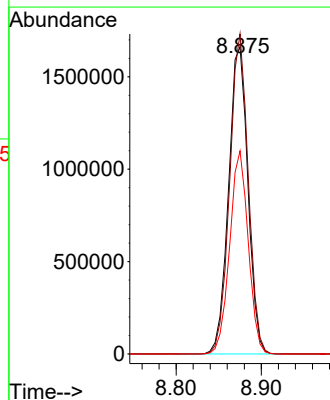
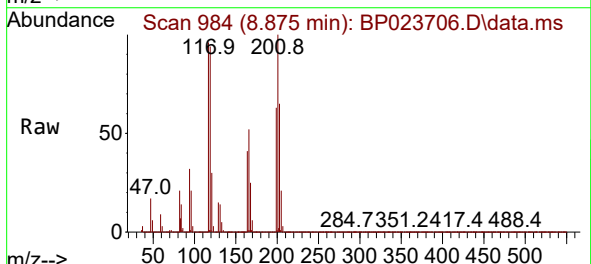
Instrument :
BNA_P
ClientSampleId :
SSTD160614

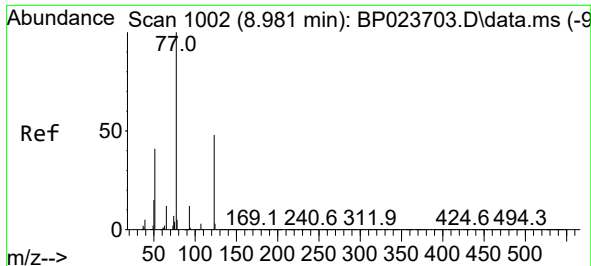
Tgt Ion:108 Resp: 6807536
Ion Ratio Lower Upper
108 100
107 110.7 91.2 136.8



#19
Hexachloroethane
Concen: 156.440 ng/ul
RT: 8.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:117 Resp: 2621390
Ion Ratio Lower Upper
117 100
201 104.1 76.6 114.8
199 66.1 48.7 73.1

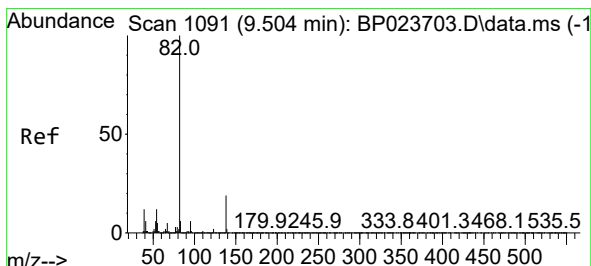
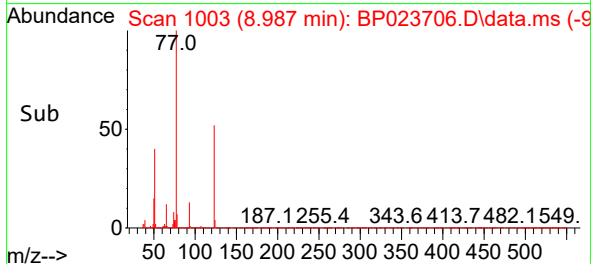
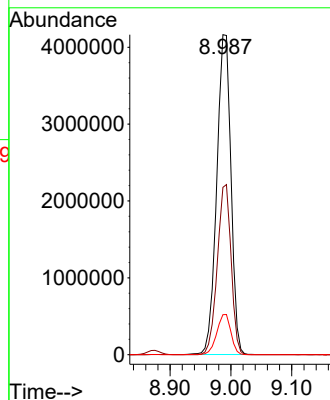
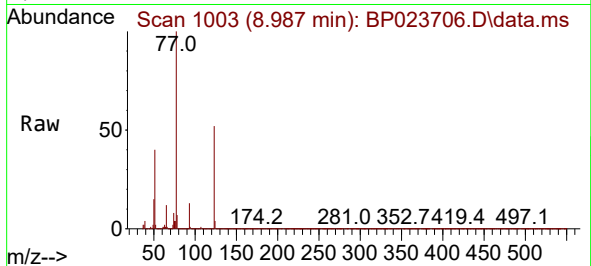




#22
Nitrobenzene
Concen: 150.689 ng/ul
RT: 8.987 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

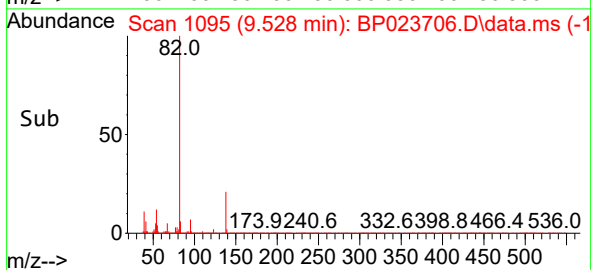
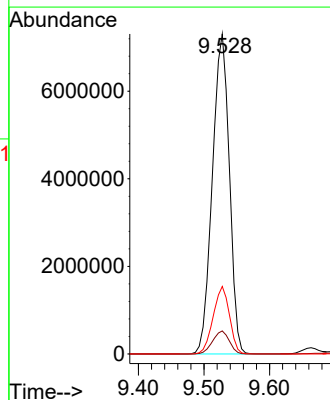
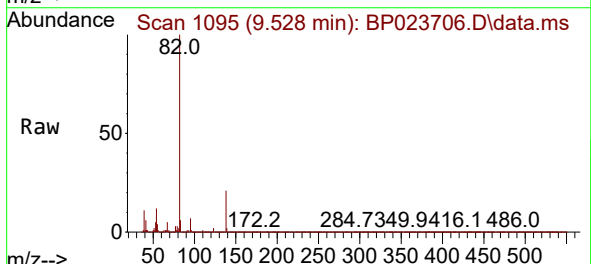
Instrument :
BNA_P
ClientSampleId :
SSTD160614

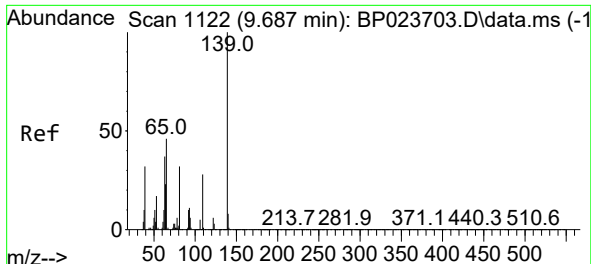
Tgt Ion: 77 Resp: 6742532
Ion Ratio Lower Upper
77 100
123 52.3 38.0 57.0
65 12.5 9.8 14.6



#23
Isophorone
Concen: 154.085 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. 0.024 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion: 82 Resp:13113395
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 21.1 14.9 22.3

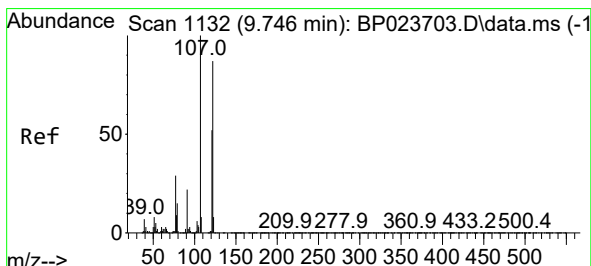
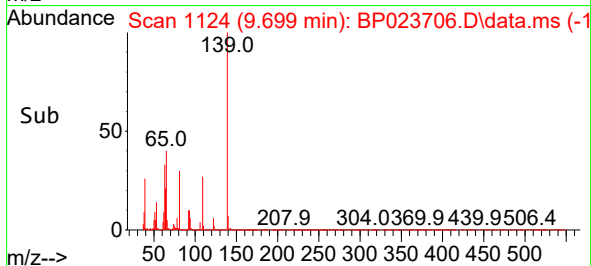
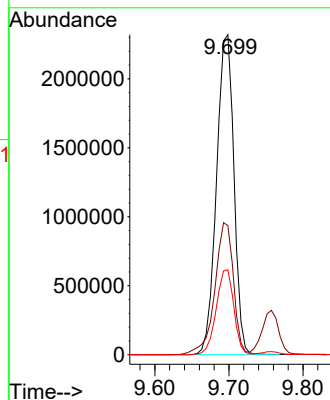
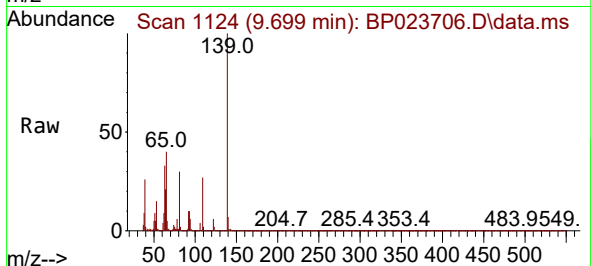




#25
2-Nitrophenol
Concen: 183.772 ng/ul
RT: 9.699 min Scan# 1124
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

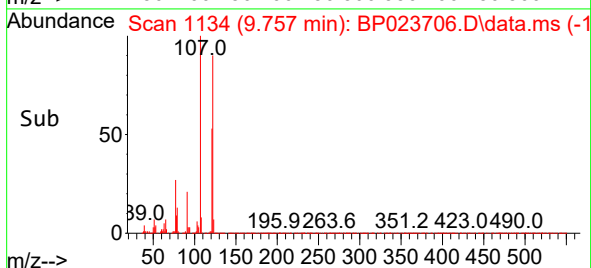
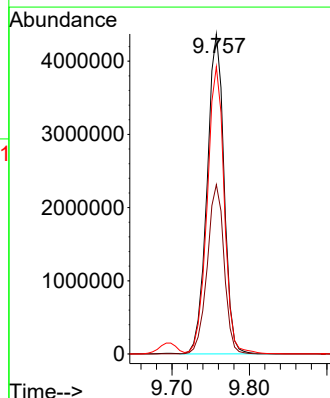
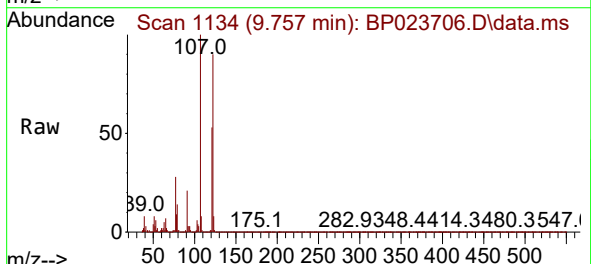
Instrument :
BNA_P
ClientSampleId :
SSTD160614

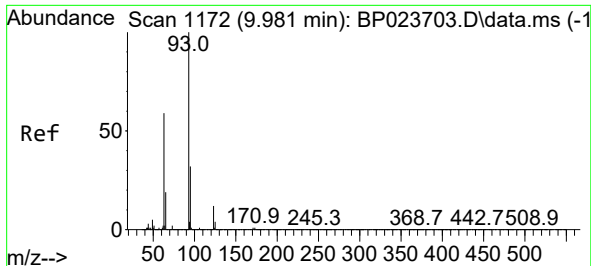
Tgt Ion:139 Resp: 3788200
Ion Ratio Lower Upper
139 100
65 40.3 37.4 56.2
109 26.5 22.8 34.2



#26
2,4-Dimethylphenol
Concen: 155.548 ng/ul
RT: 9.757 min Scan# 1134
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:107 Resp: 6645621
Ion Ratio Lower Upper
107 100
121 52.9 42.0 63.0
122 89.8 70.2 105.4

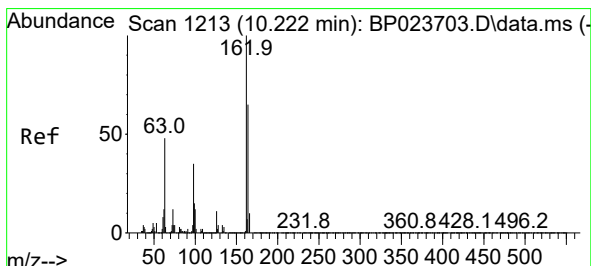
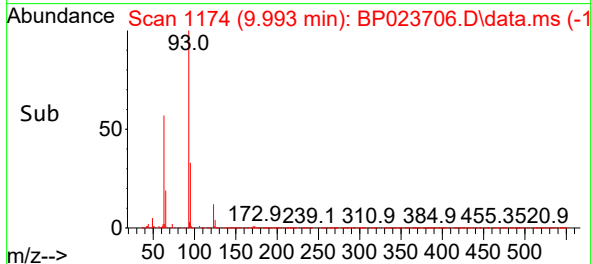
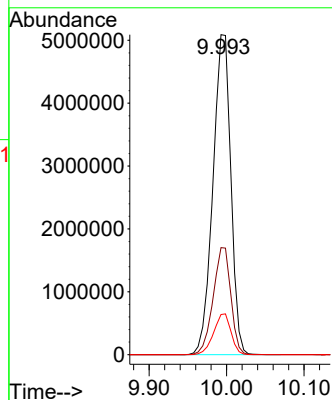
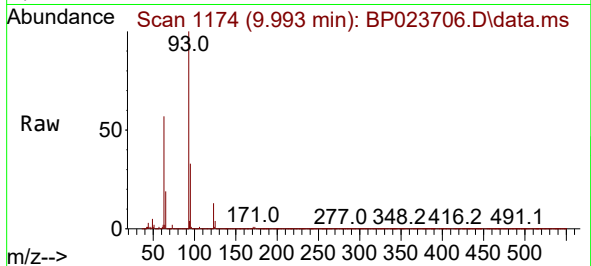




#27
 Bis(2-Chloroethoxy)methane
 Concen: 148.325 ng/ul
 RT: 9.993 min Scan# 1174
 Delta R.T. 0.012 min
 Lab File: BP023706.D
 Acq: 22 Jan 2025 16:50

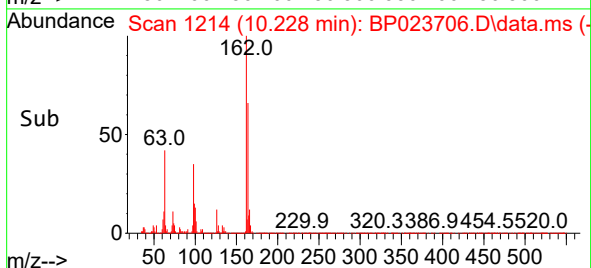
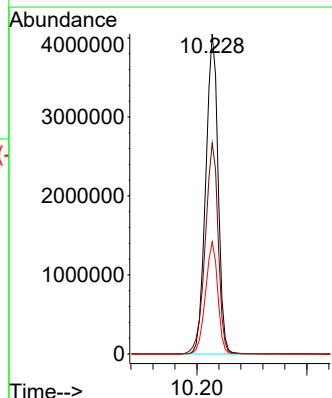
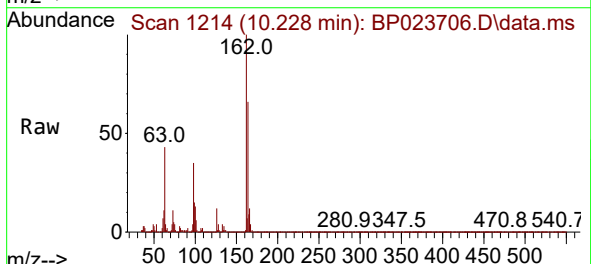
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160614

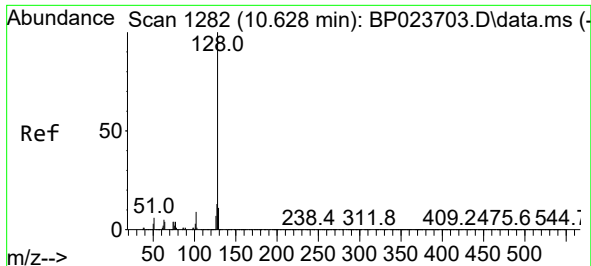
Tgt Ion: 93 Resp: 8179625
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.8 38.8
 123 12.6 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 165.405 ng/ul
 RT: 10.228 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: BP023706.D
 Acq: 22 Jan 2025 16:50

Tgt Ion:162 Resp: 6310791
 Ion Ratio Lower Upper
 162 100
 164 65.8 52.3 78.5
 98 35.1 28.3 42.5

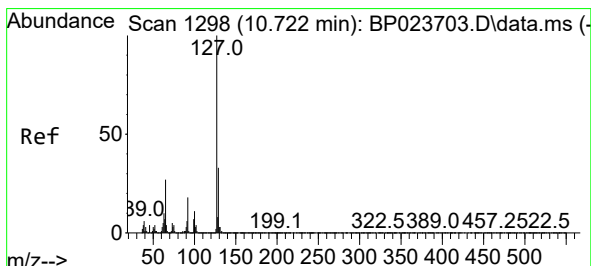
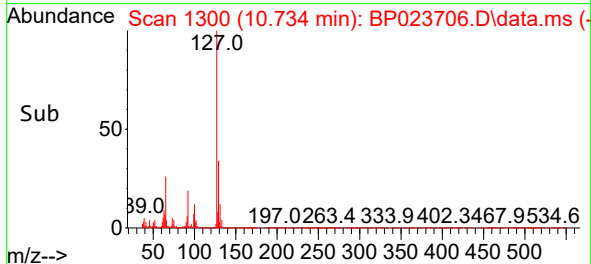
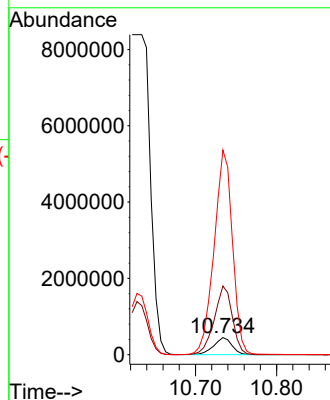
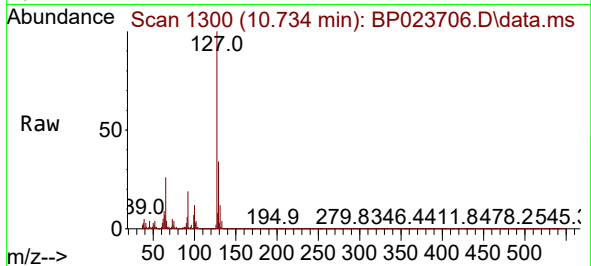




#30
Naphthalene
Concen: 5.115 ng/ul
RT: 10.734 min Scan# 1300
Delta R.T. 0.106 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

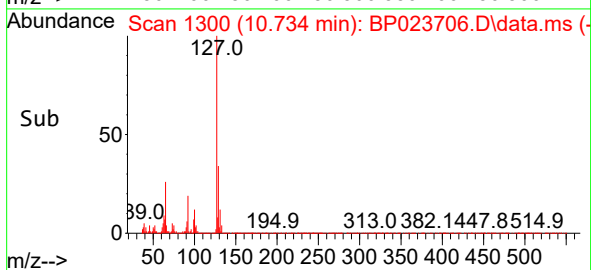
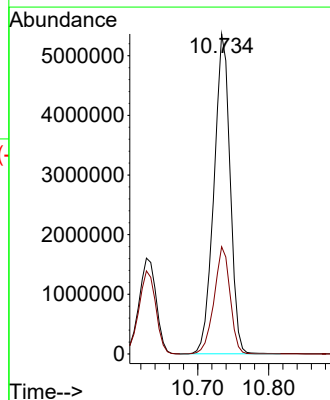
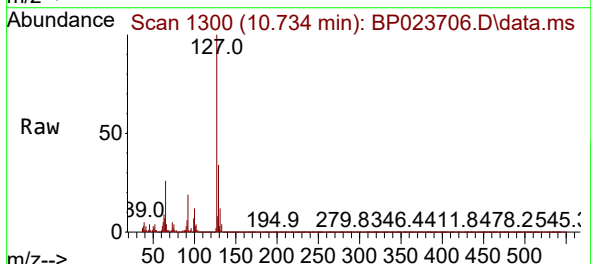
Instrument :
BNA_P
ClientSampleId :
SSTD160614

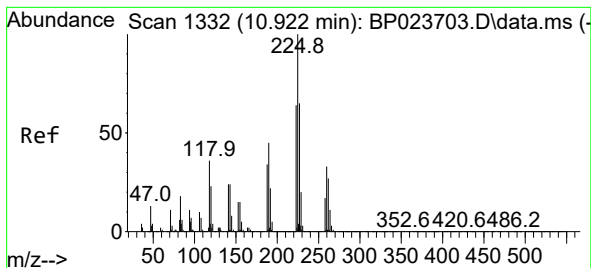
Tgt Ion:128 Resp: 699712
Ion Ratio Lower Upper
128 100
129 400.3 8.6 12.8#
127 1194.1 10.2 15.4#



#32
4-Chloroaniline
Concen: 149.976 ng/ul
RT: 10.734 min Scan# 1300
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:127 Resp: 8450553
Ion Ratio Lower Upper
127 100
129 33.5 26.2 39.4





#33

Hexachlorobutadiene

Concen: 157.589 ng/ul

RT: 10.922 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

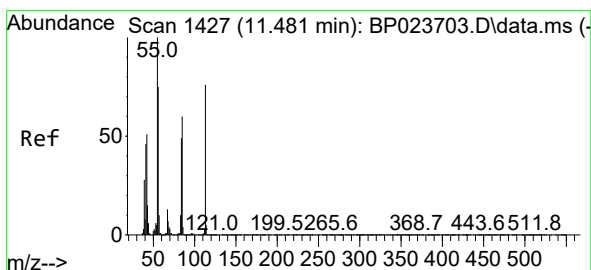
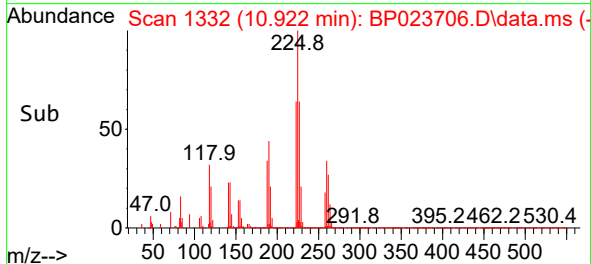
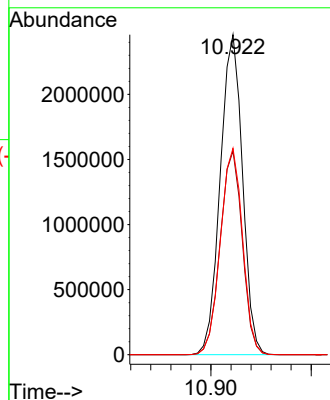
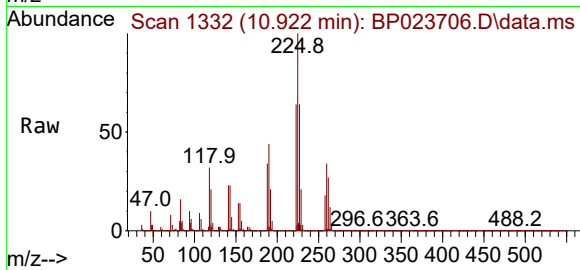
Tgt Ion:225 Resp: 3784755

Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 64.5 51.8 77.8



#34

Caprolactam

Concen: 98.158 ng/ul

RT: 11.534 min Scan# 1436

Delta R.T. 0.053 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

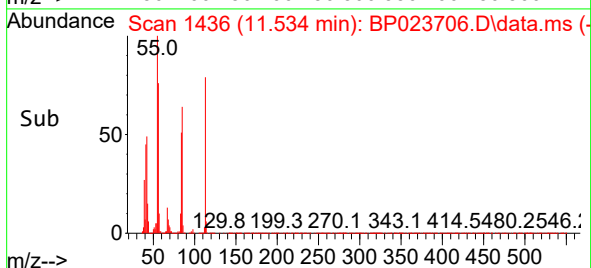
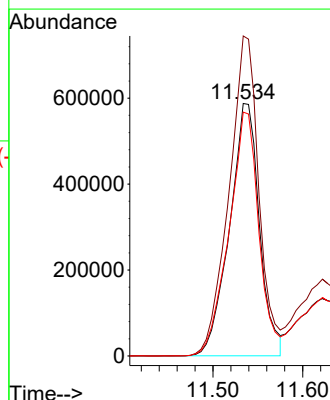
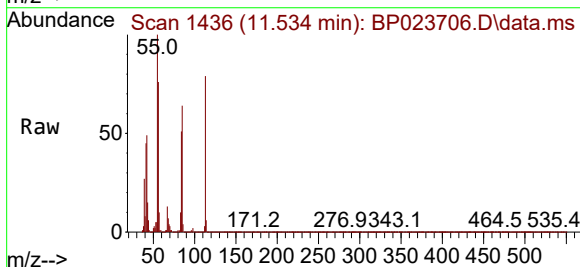
Tgt Ion:113 Resp: 1355433

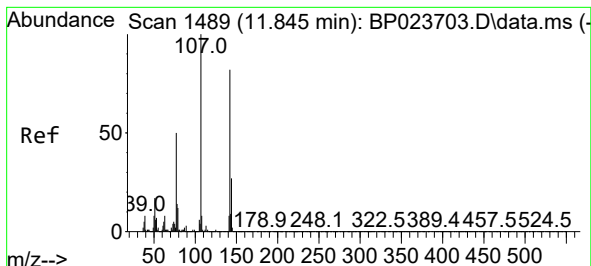
Ion Ratio Lower Upper

113 100

55 126.8 105.8 158.6

56 96.6 79.3 118.9

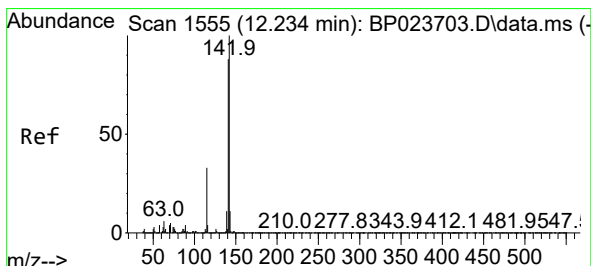
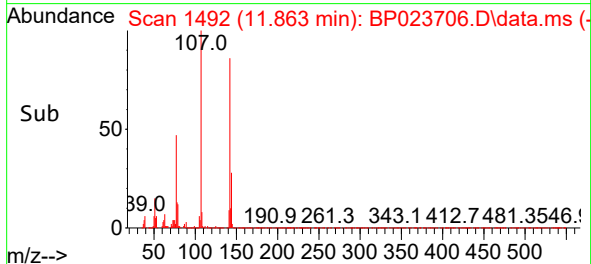
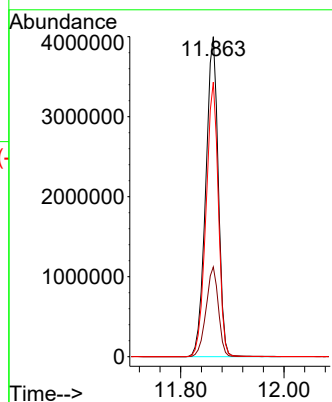
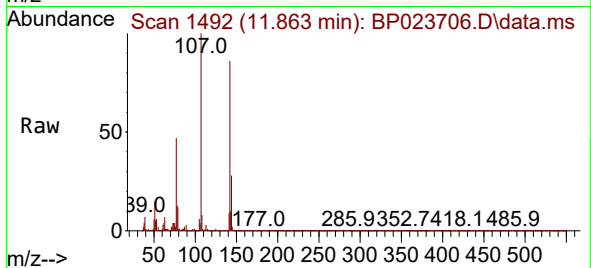




#35
4-Chloro-3-methylphenol
Concen: 170.104 ng/ul
RT: 11.863 min Scan# 1489
Delta R.T. 0.018 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

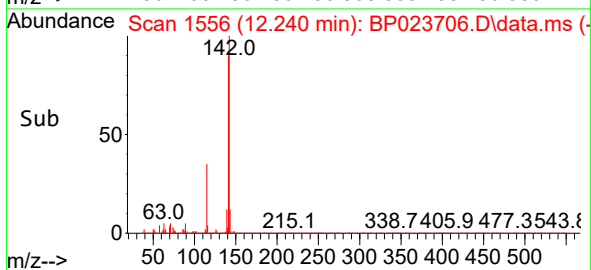
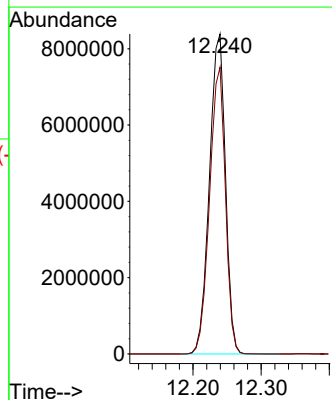
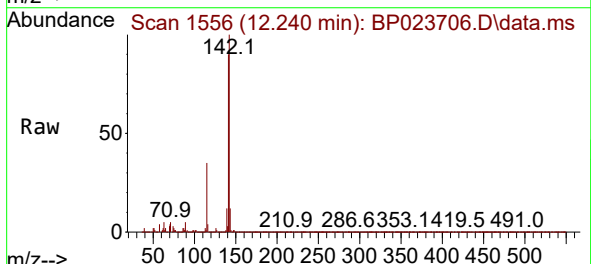
Instrument :
BNA_P
ClientSampleId :
SSTD160614

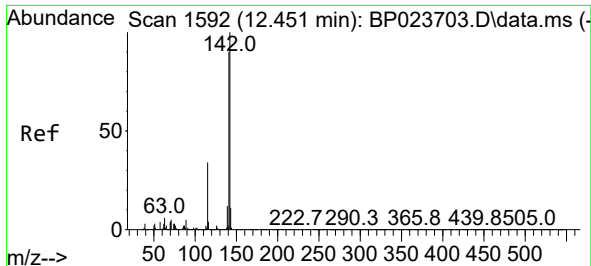
Tgt Ion:107 Resp: 6723112
Ion Ratio Lower Upper
107 100
144 28.1 21.3 31.9
142 85.8 65.5 98.3



#36
2-Methylnaphthalene
Concen: 148.244 ng/ul
RT: 12.240 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:142 Resp:13693721
Ion Ratio Lower Upper
142 100
141 89.6 70.5 105.7

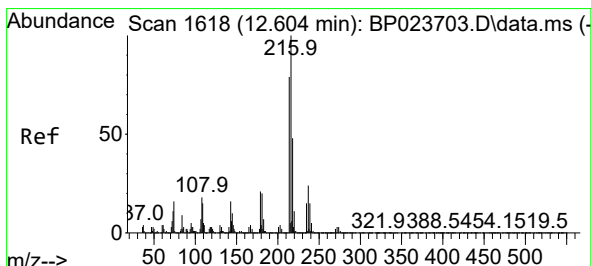
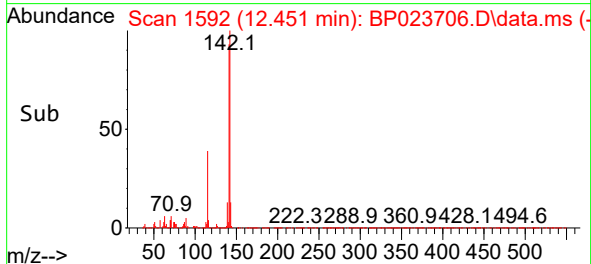
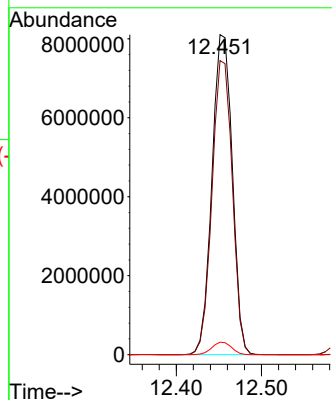
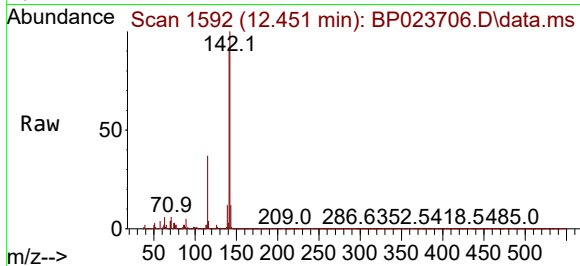




#37
1-Methylnaphthalene
Concen: 145.240 ng/ul
RT: 12.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

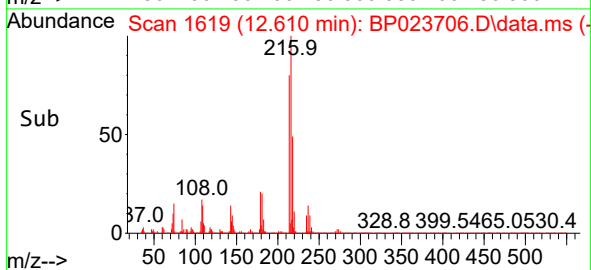
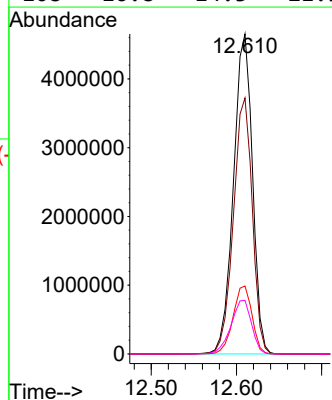
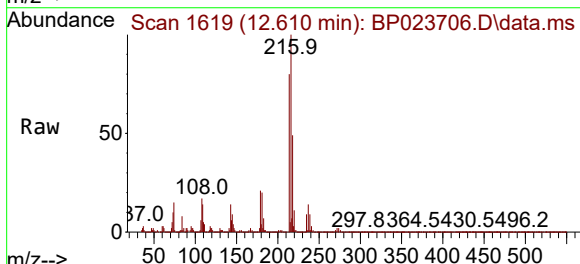
Instrument :
BNA_P
ClientSampleId :
SSTD160614

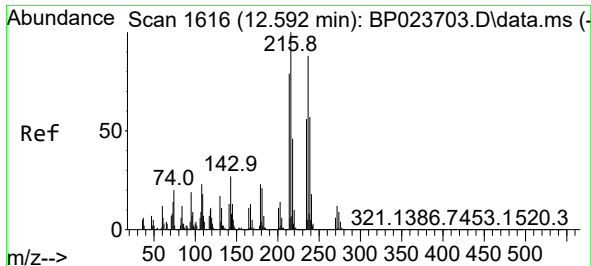
Tgt Ion:142 Resp:13411440
Ion Ratio Lower Upper
142 100
141 91.9 72.1 108.1
116 3.9 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 152.491 ng/ul
RT: 12.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:216 Resp: 7193371
Ion Ratio Lower Upper
216 100
214 80.0 63.2 94.8
179 21.3 16.9 25.3
108 16.8 14.3 21.5

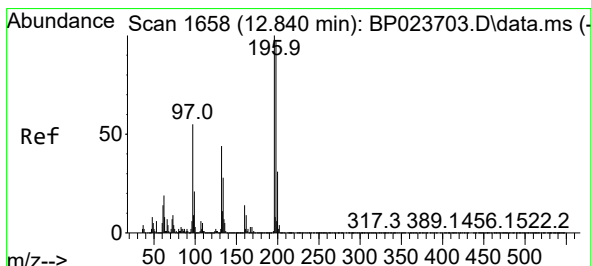
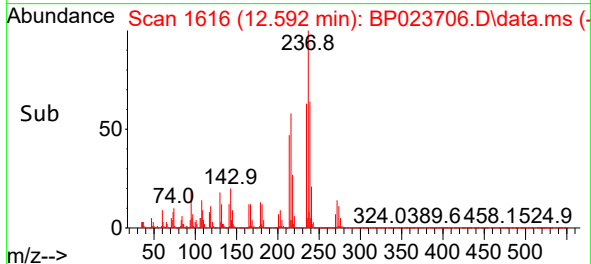
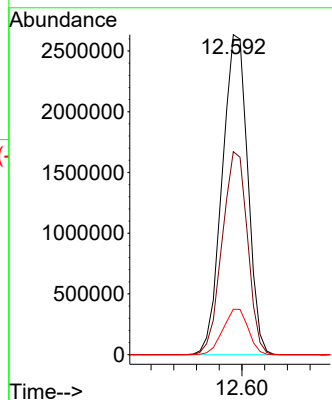
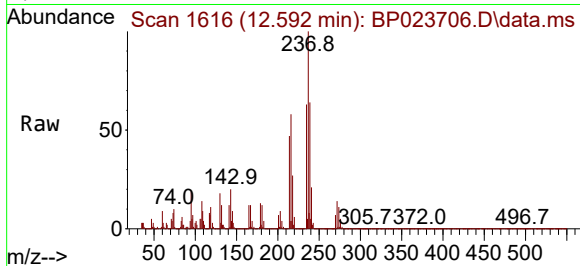




#40
Hexachlorocyclopentadiene
Concen: 171.048 ng/ul
RT: 12.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

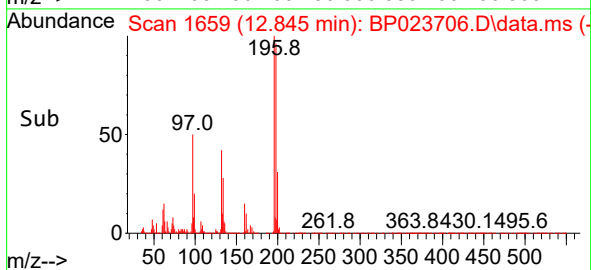
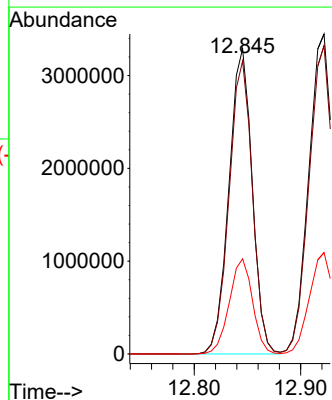
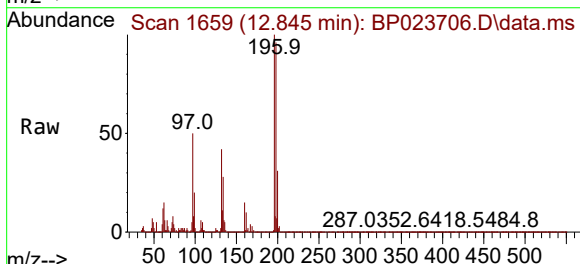
Instrument :
BNA_P
ClientSampleId :
SSTD160614

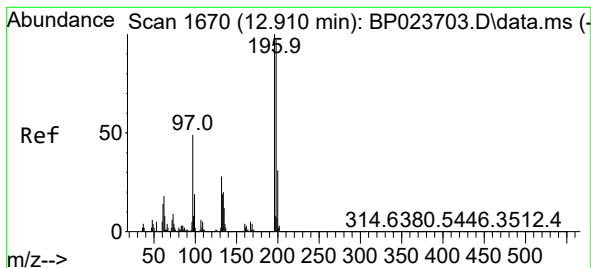
Tgt Ion:237 Resp: 4111227
Ion Ratio Lower Upper
237 100
235 63.4 50.4 75.6
272 14.2 10.9 16.3



#41
2,4,6-Trichlorophenol
Concen: 180.142 ng/ul
RT: 12.845 min Scan# 1659
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:196 Resp: 4996096
Ion Ratio Lower Upper
196 100
198 96.0 77.6 116.4
200 31.2 24.5 36.7





#42

2,4,5-Trichlorophenol

Concen: 177.077 ng/ul

RT: 12.922 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

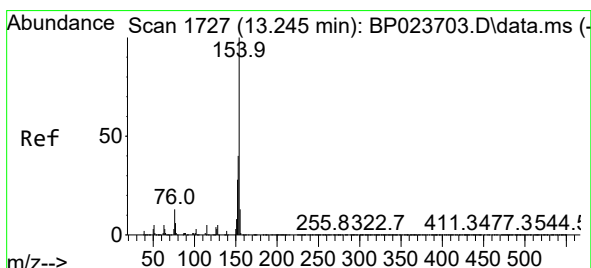
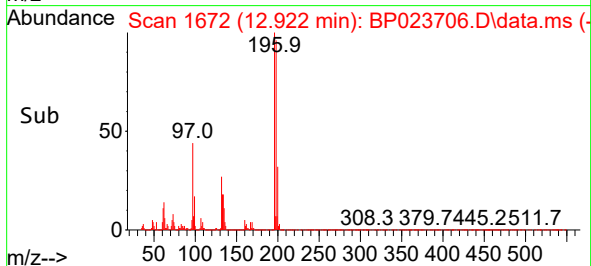
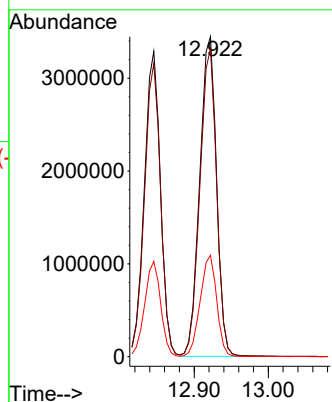
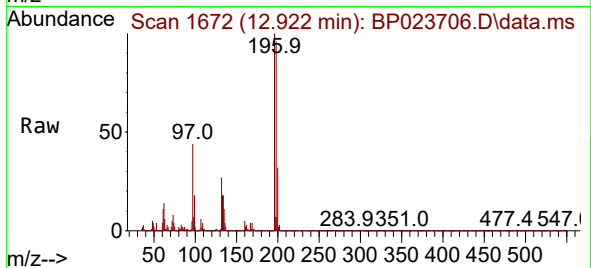
Tgt Ion:196 Resp: 5424414

Ion Ratio Lower Upper

196 100

198 96.3 77.4 116.2

200 31.7 25.0 37.4



#43

1,1'-Biphenyl

Concen: 126.005 ng/ul

RT: 13.245 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

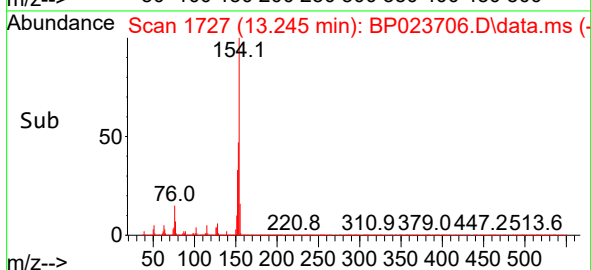
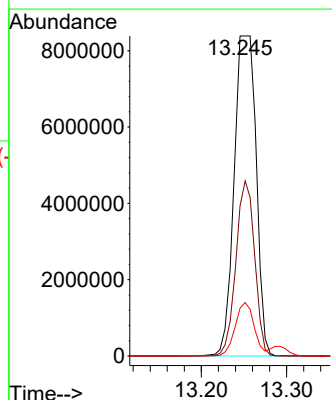
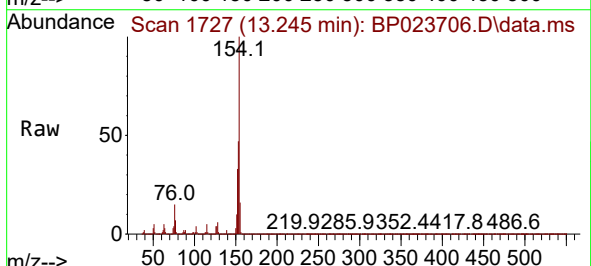
Tgt Ion:154 Resp:15057106

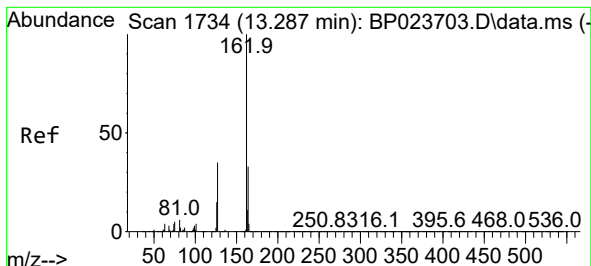
Ion Ratio Lower Upper

154 100

153 46.9 32.2 48.2

76 14.9 10.2 15.2





#44

2-Chloronaphthalene

Concen: 142.346 ng/ul

RT: 13.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

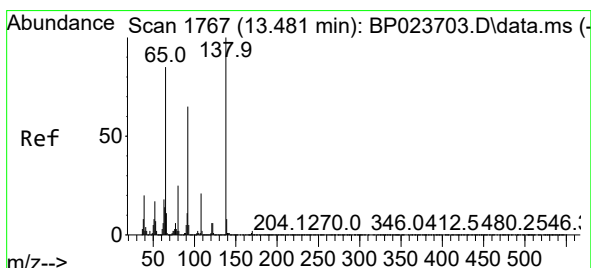
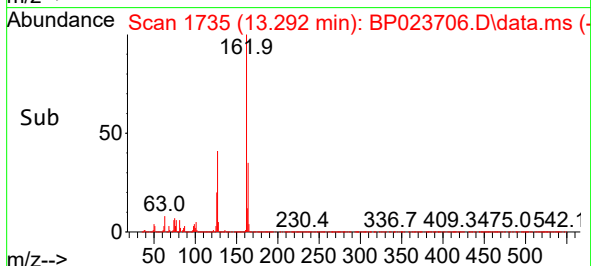
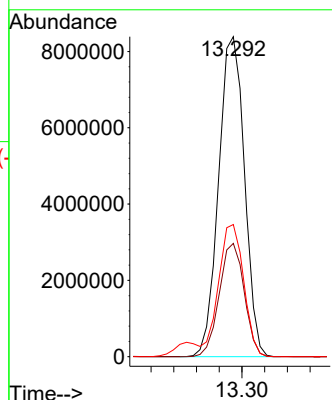
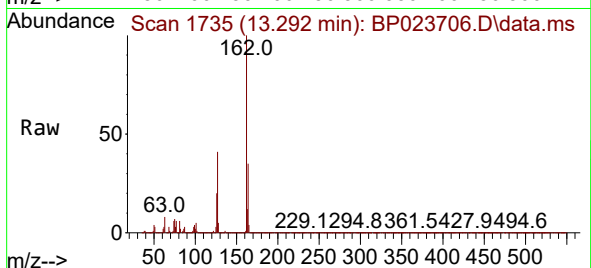
Tgt Ion:162 Resp:13243291

Ion Ratio Lower Upper

162 100

164 35.4 26.2 39.2

127 41.3 30.5 45.7



#45

2-Nitroaniline

Concen: 173.697 ng/ul

RT: 13.492 min Scan# 1769

Delta R.T. 0.012 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

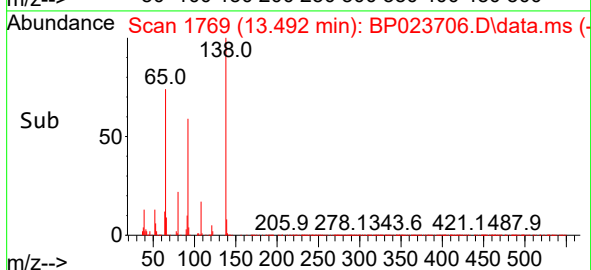
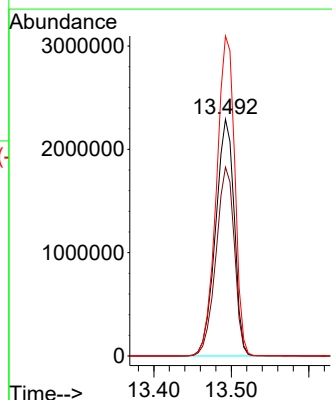
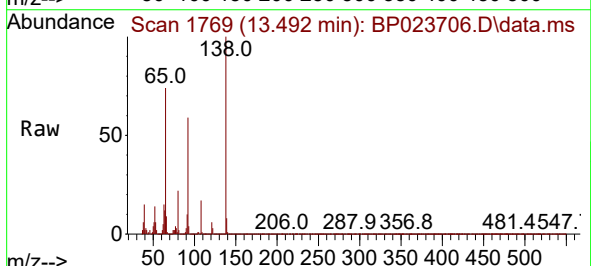
Tgt Ion: 65 Resp: 3837771

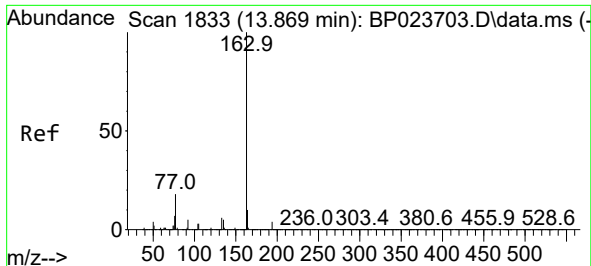
Ion Ratio Lower Upper

65 100

92 79.7 61.0 91.4

138 135.1 94.2 141.2

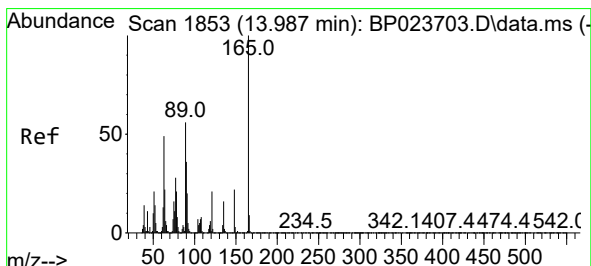
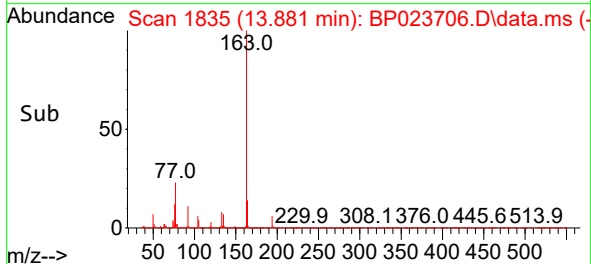
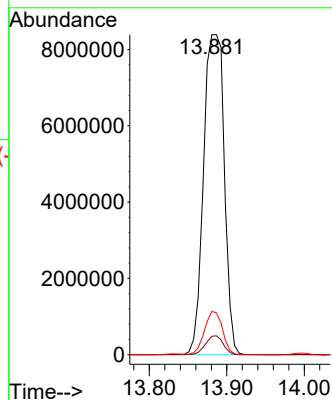
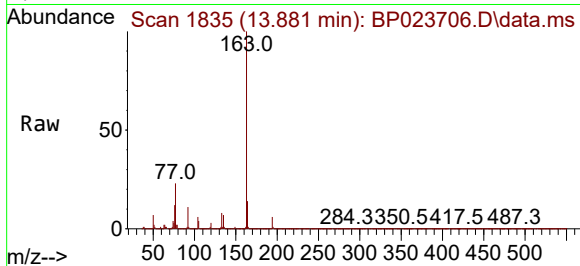




#47
Dimethylphthalate
Concen: 135.735 ng/ul
RT: 13.881 min Scan# 1835
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

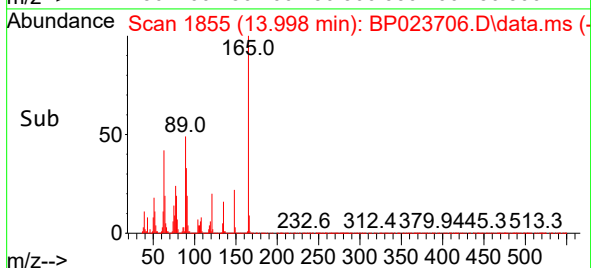
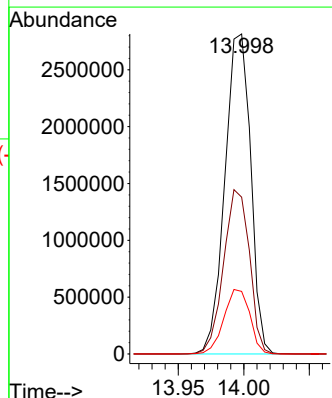
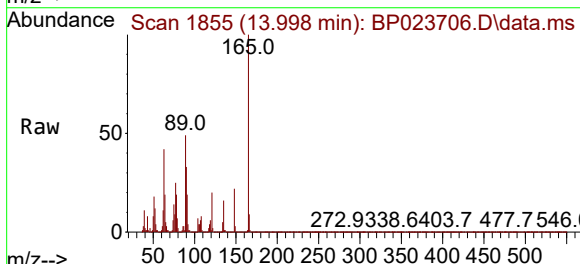
Instrument :
BNA_P
ClientSampleId :
SSTD160614

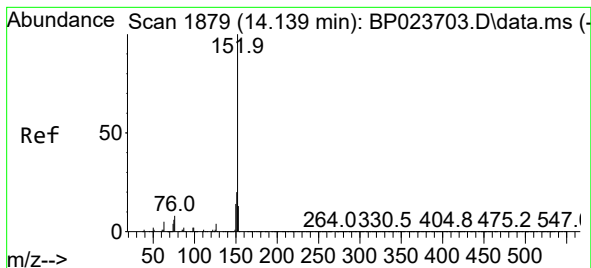
Tgt Ion:163 Resp:15563450
Ion Ratio Lower Upper
163 100
194 5.8 3.3 4.9#
164 13.5 8.2 12.2#



#48
2,6-Dinitrotoluene
Concen: 188.223 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:165 Resp: 3849436
Ion Ratio Lower Upper
165 100
89 49.0 44.8 67.2
121 19.5 17.0 25.4





#50

Acenaphthylene

Concen: 0.129 ng/ul

RT: 13.992 min Scan# 1879

Delta R.T. -0.147 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

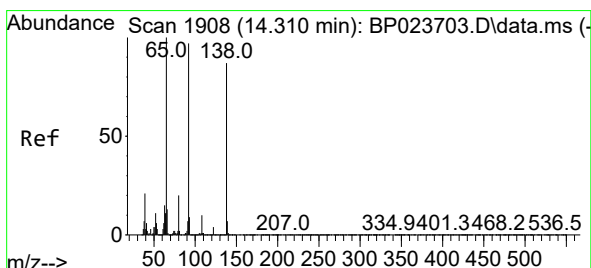
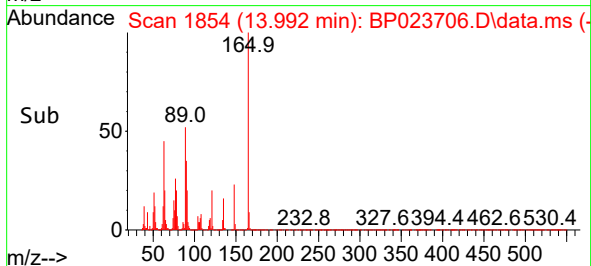
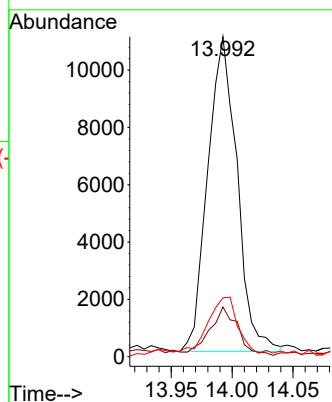
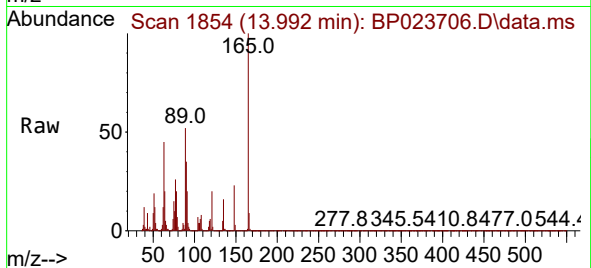
Tgt Ion:152 Resp: 18430

Ion Ratio Lower Upper

152 100

151 15.5 15.8 23.8#

153 18.4 10.6 15.8#



#51

3-Nitroaniline

Concen: 151.834 ng/ul

RT: 14.322 min Scan# 1910

Delta R.T. 0.012 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

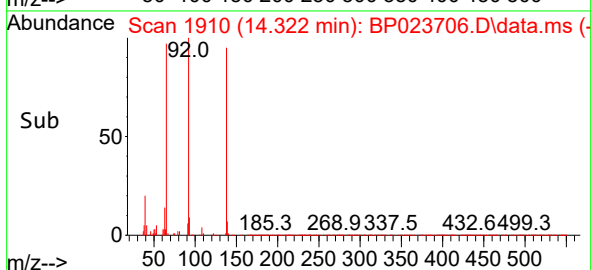
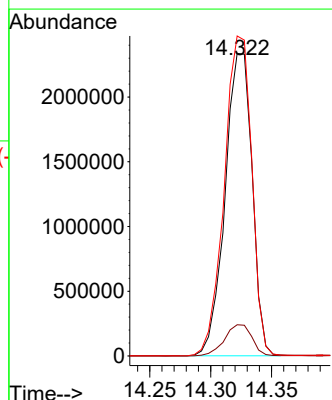
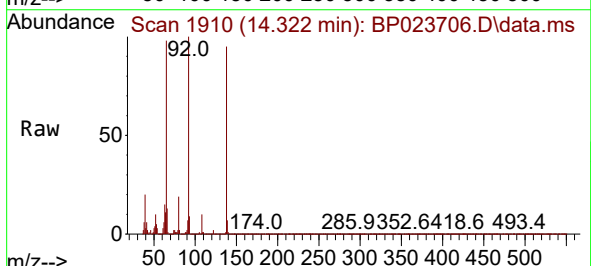
Tgt Ion:138 Resp: 3623888

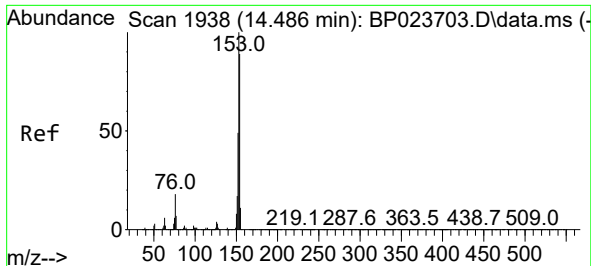
Ion Ratio Lower Upper

138 100

108 10.3 9.7 14.5

92 105.7 89.8 134.6

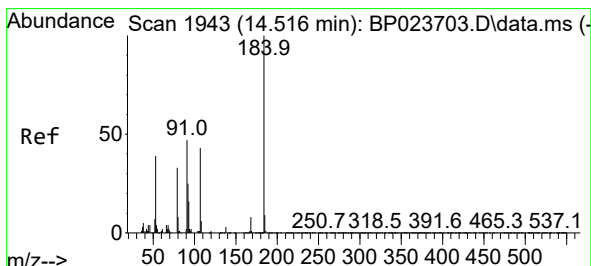
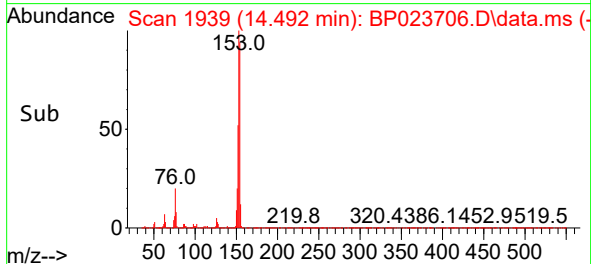
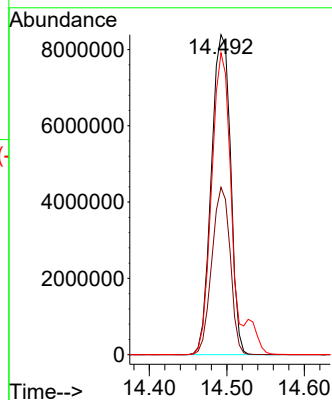
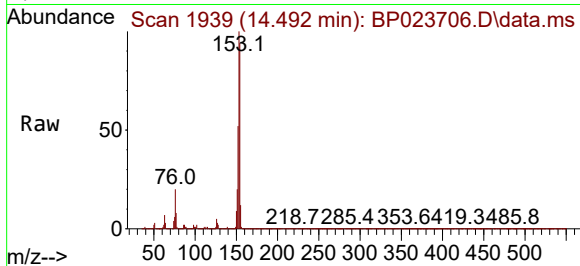




#52
Acenaphthene
Concen: 142.532 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

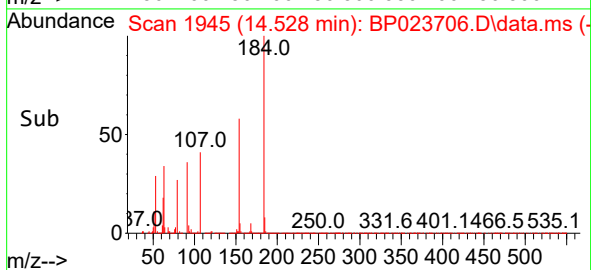
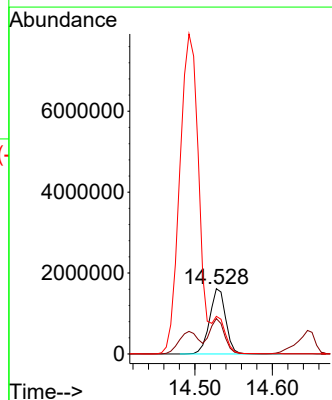
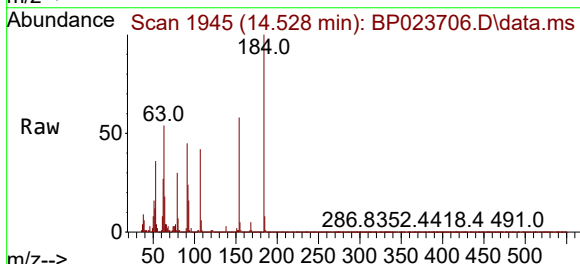
Instrument :
BNA_P
ClientSampleId :
SSTD160614

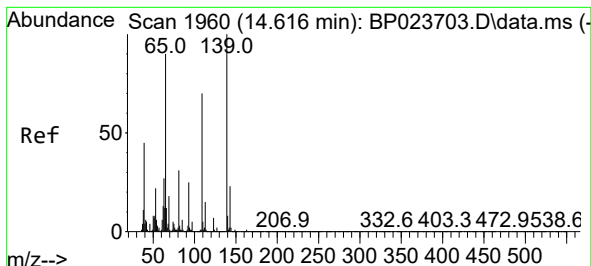
Tgt Ion:153 Resp:14443670
Ion Ratio Lower Upper
153 100
152 52.3 39.1 58.7
154 94.3 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 230.703 ng/ul
RT: 14.528 min Scan# 1945
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:184 Resp: 2316337
Ion Ratio Lower Upper
184 100
63 54.2 47.8 71.8
154 57.6 52.1 78.1

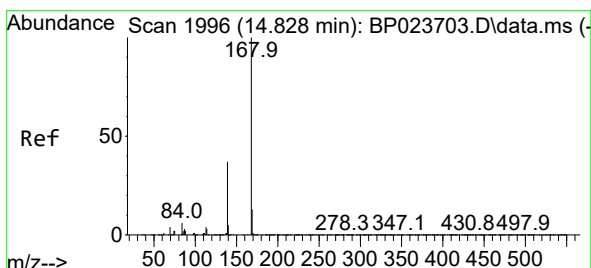
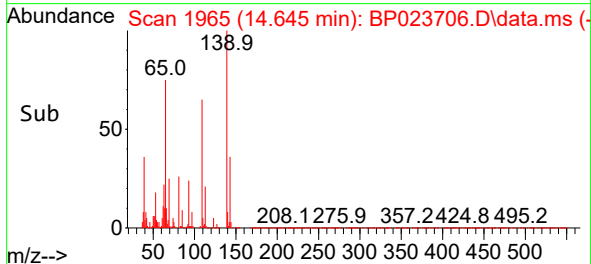
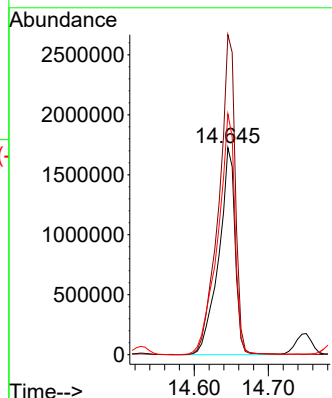
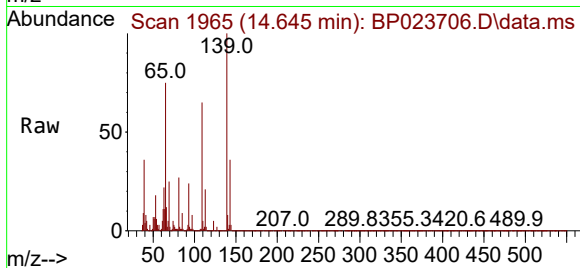




#55
4-Nitrophenol
Concen: 157.096 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. 0.029 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

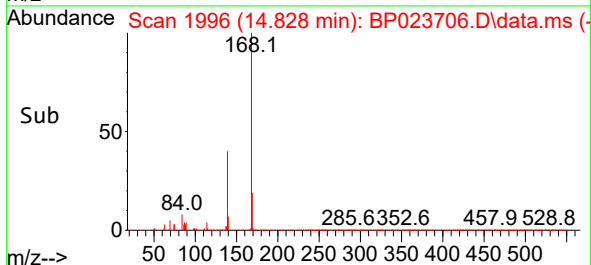
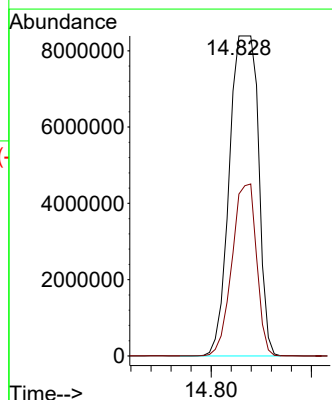
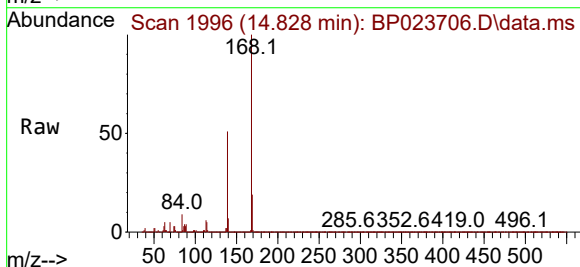
Instrument :
BNA_P
ClientSampleId :
SSTD160614

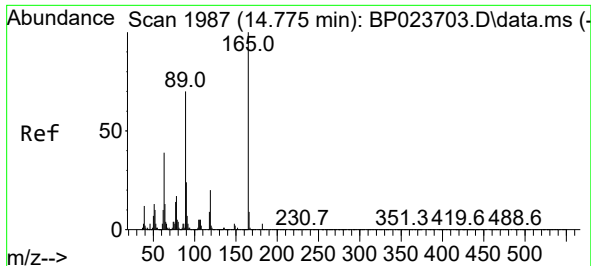
Tgt Ion:109 Resp: 2645770
Ion Ratio Lower Upper
109 100
139 154.6 114.3 171.5
65 116.3 103.0 154.6



#56
Dibenzofuran
Concen: 120.694 ng/ul
RT: 14.828 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:168 Resp:16822317
Ion Ratio Lower Upper
168 100
139 50.6 29.3 43.9#

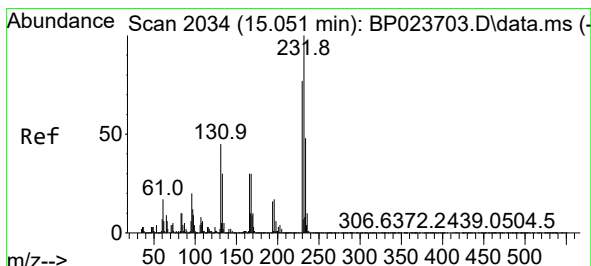
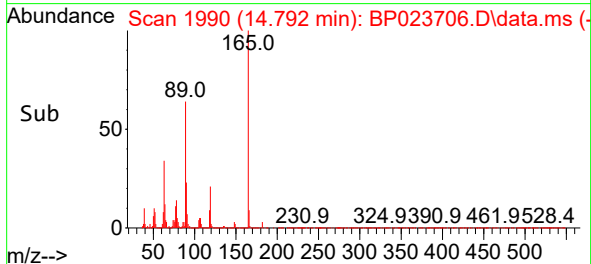
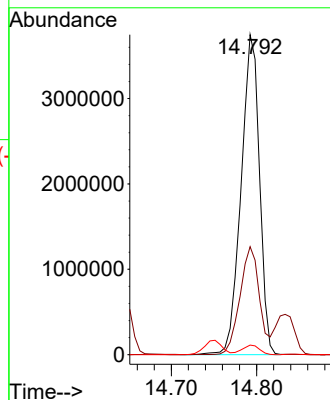
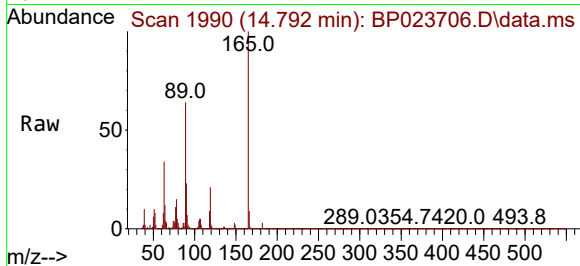




#57
2,4-Dinitrotoluene
Concen: 183.876 ng/ul
RT: 14.792 min Scan# 1987
Delta R.T. 0.018 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

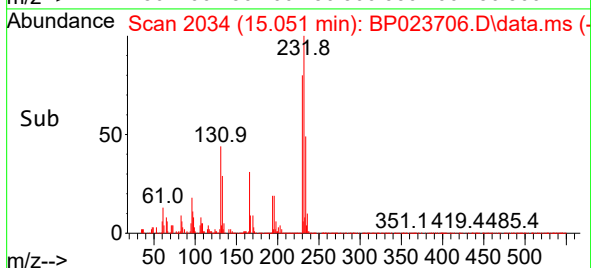
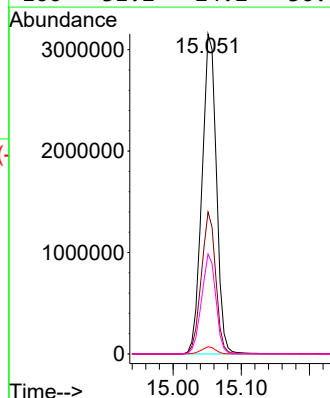
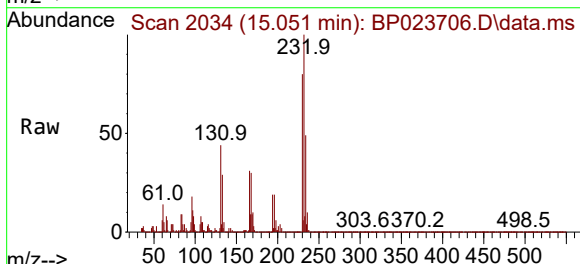
Instrument :
BNA_P
ClientSampleId :
SSTD160614

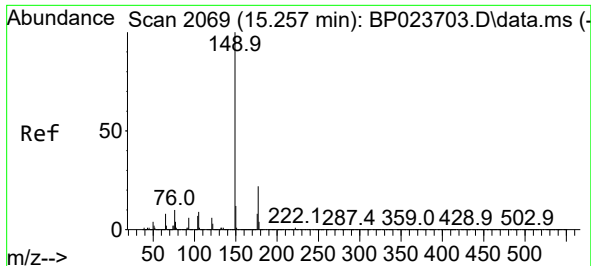
Tgt Ion:165 Resp: 5626132
Ion Ratio Lower Upper
165 100
63 33.8 31.0 46.6
182 3.0 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 184.581 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:232 Resp: 4643672
Ion Ratio Lower Upper
232 100
131 44.4 36.1 54.1
130 2.2 1.8 2.8
166 31.2 24.2 36.4

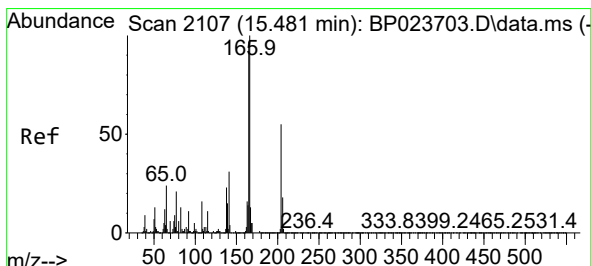
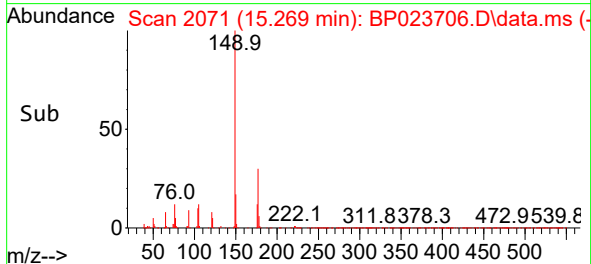
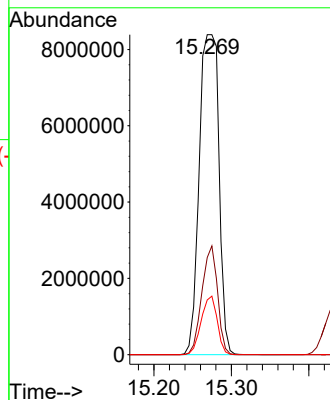
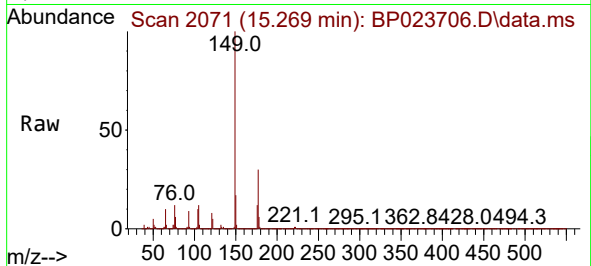




#59
Diethylphthalate
Concen: 131.353 ng/ul
RT: 15.269 min Scan# 2069
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

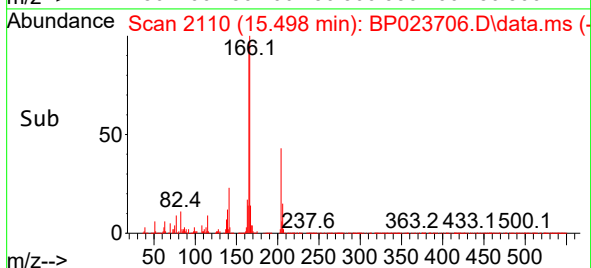
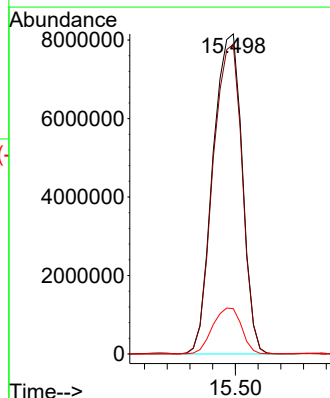
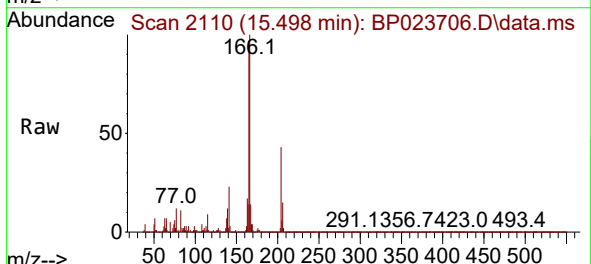
Instrument :
BNA_P
ClientSampleId :
SSTD160614

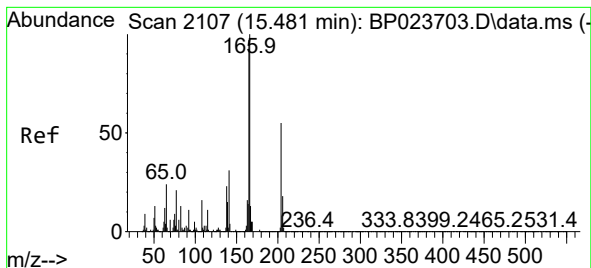
Tgt Ion:149 Resp:14813160
Ion Ratio Lower Upper
149 100
177 30.4 17.7 26.5#
150 17.1 9.8 14.6#



#61
Fluorene
Concen: 125.312 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. 0.018 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:166 Resp:14555074
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 14.1 10.6 16.0

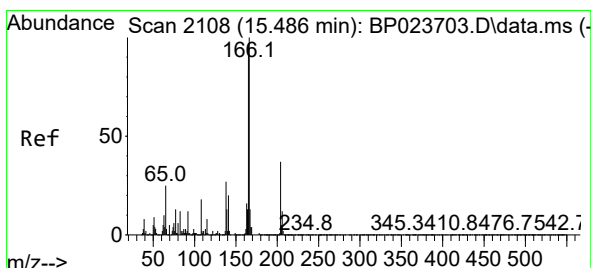
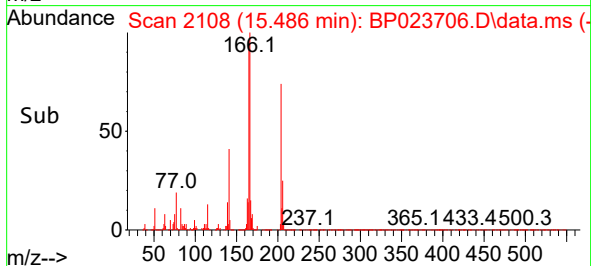
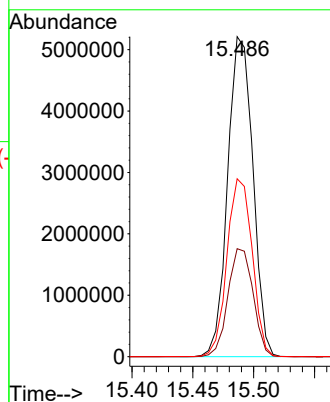
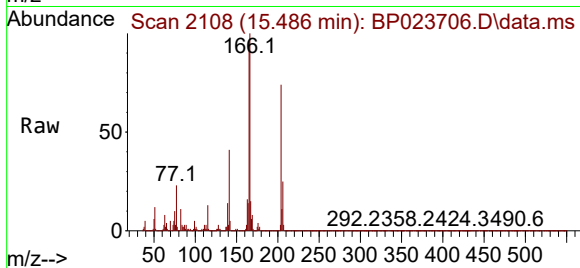




#62
4-Chlorophenyl-phenylether
Concen: 132.106 ng/ul
RT: 15.486 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

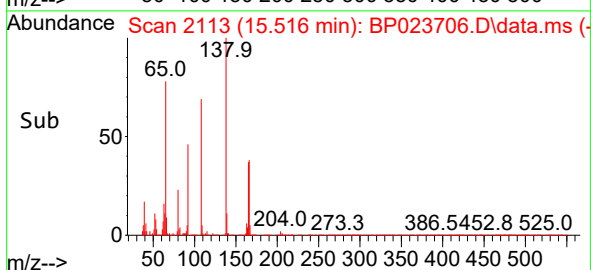
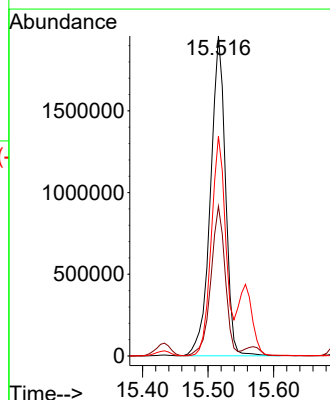
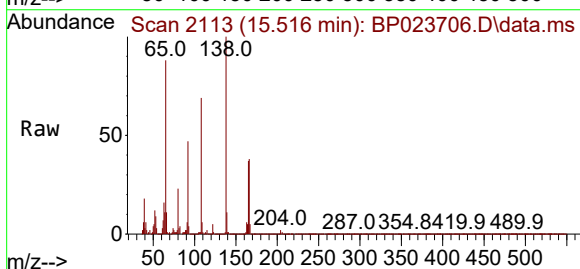
Instrument :
BNA_P
ClientSampleId :
SSTD160614

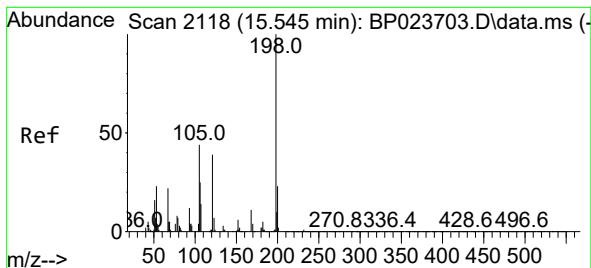
Tgt Ion:204 Resp: 7510457
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 55.6 45.4 68.2



#63
4-Nitroaniline
Concen: 128.322 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.029 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:138 Resp: 3116136
Ion Ratio Lower Upper
138 100
92 46.8 37.0 55.4
108 68.7 54.4 81.6

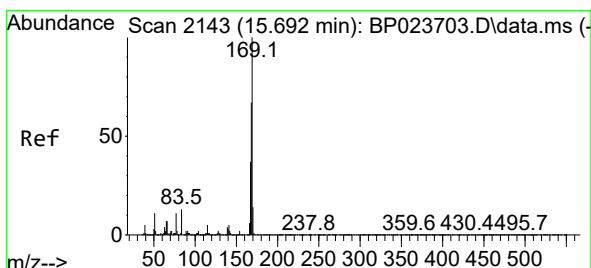
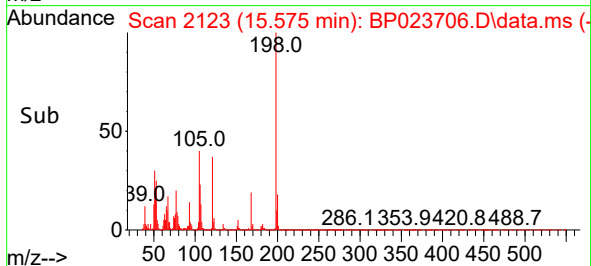
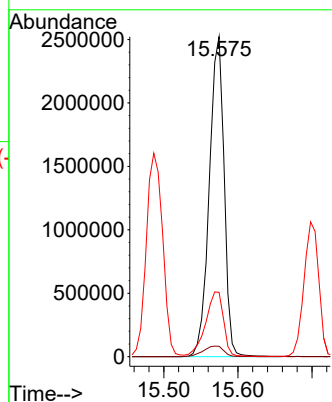
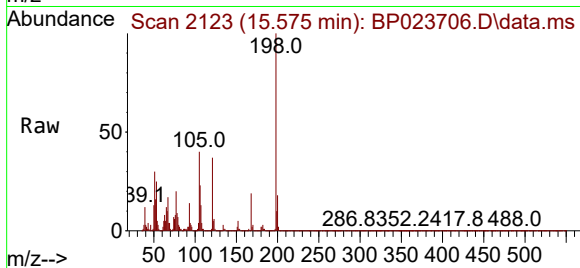




#66
4,6-Dinitro-2-methylphenol
Concen: 195.843 ng/ul
RT: 15.575 min Scan# 2118
Delta R.T. 0.029 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

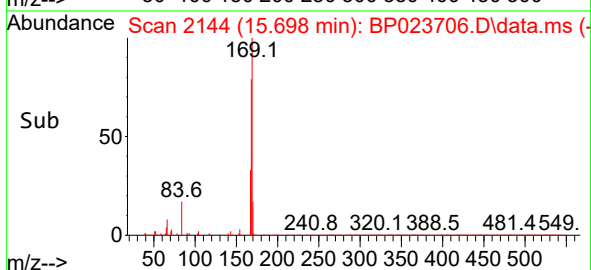
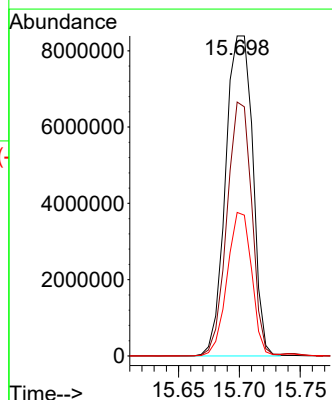
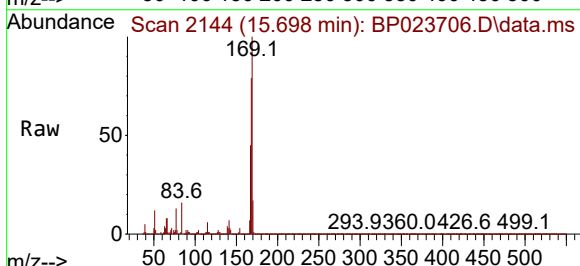
Instrument :
BNA_P
ClientSampleId :
SSTD160614

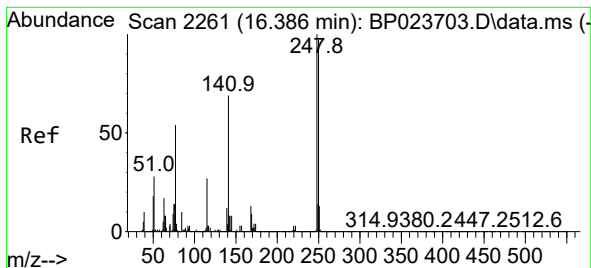
Tgt Ion:198 Resp: 3506020
Ion Ratio Lower Upper
198 100
182 3.3 3.9 5.9#
77 20.1 20.3 30.5#



#67
N-Nitrosodiphenylamine
Concen: 134.246 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:169 Resp:13033417
Ion Ratio Lower Upper
169 100
168 79.3 53.6 80.4
167 44.9 29.2 43.8#

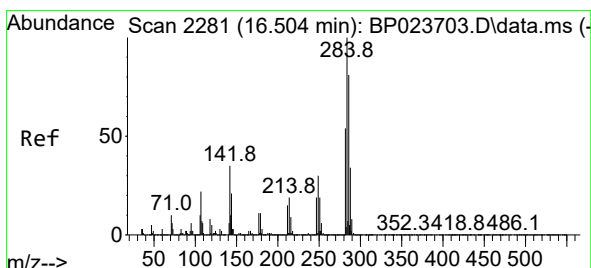
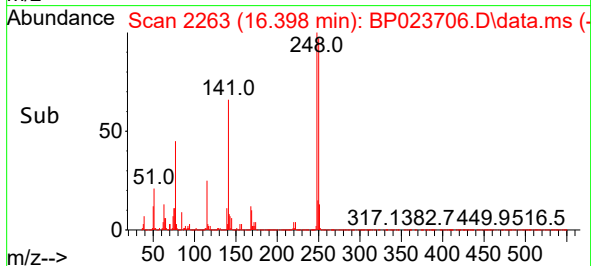
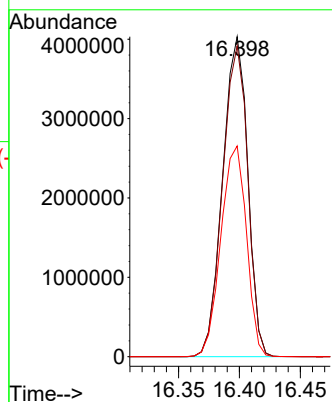
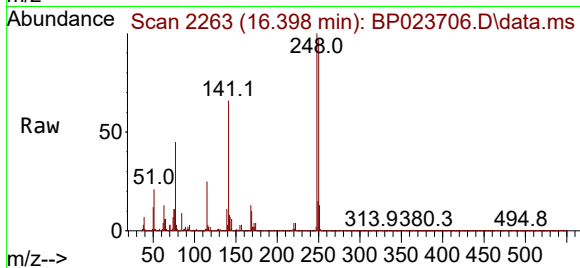




#68
4-Bromophenyl-phenylether
Concen: 167.326 ng/ul
RT: 16.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

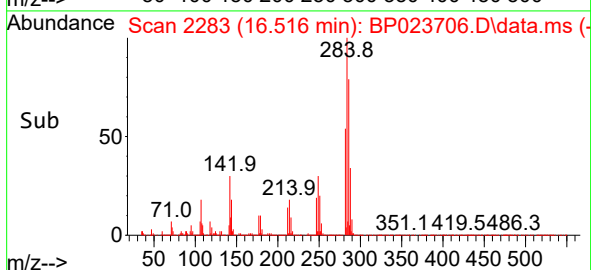
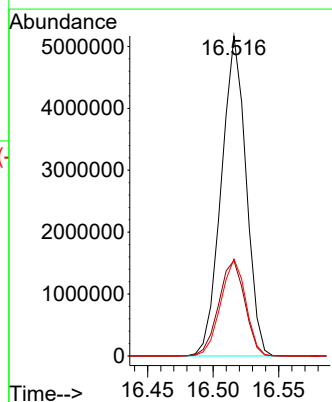
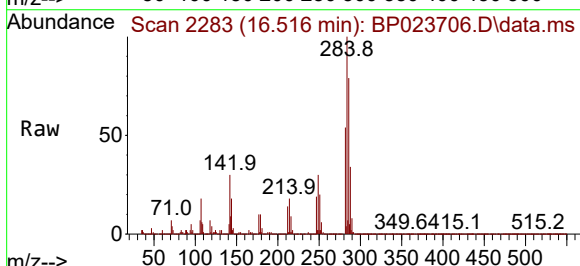
Instrument :
BNA_P
ClientSampleId :
SSTD160614

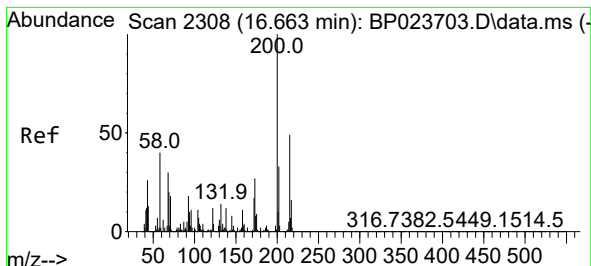
Tgt Ion:248 Resp: 5790938
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 65.9 55.0 82.6



#69
Hexachlorobenzene
Concen: 160.634 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:284 Resp: 6765057
Ion Ratio Lower Upper
284 100
142 29.8 28.1 42.1
249 30.3 23.8 35.8





#70

Atrazine

Concen: 157.228 ng/ul

RT: 16.680 min Scan# 211

Delta R.T. 0.018 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

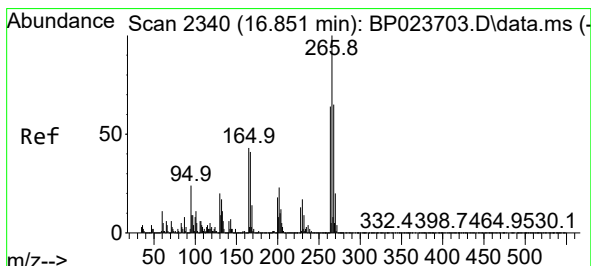
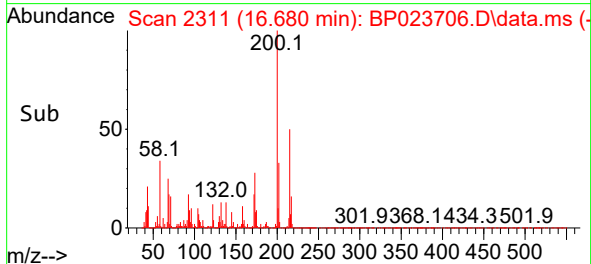
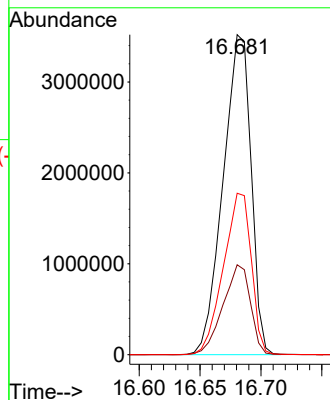
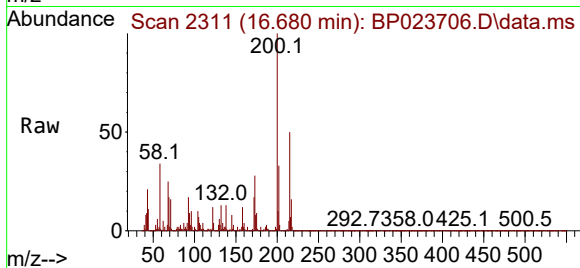
Tgt Ion:200 Resp: 5630506

Ion Ratio Lower Upper

200 100

173 28.1 21.8 32.6

215 50.4 39.3 58.9



#71

Pentachlorophenol

Concen: 182.324 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. 0.012 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

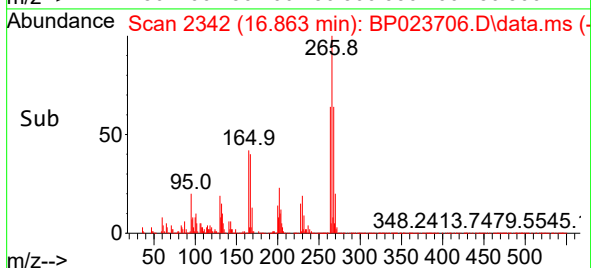
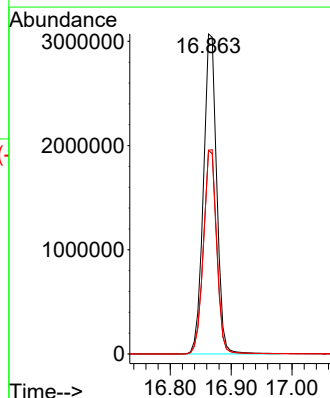
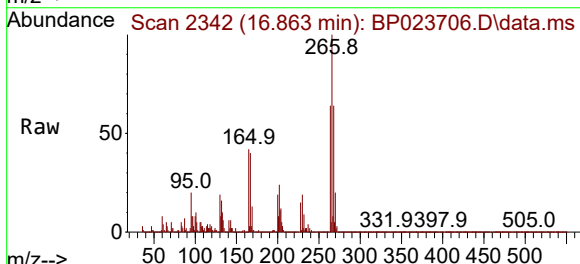
Tgt Ion:266 Resp: 4638217

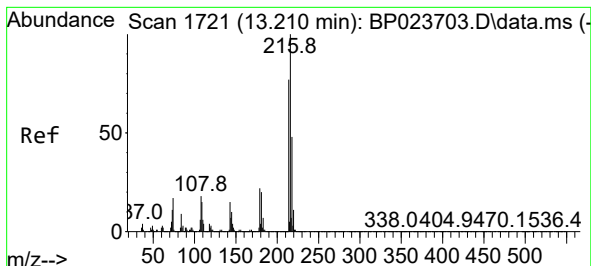
Ion Ratio Lower Upper

266 100

264 63.6 50.9 76.3

268 63.6 52.2 78.4

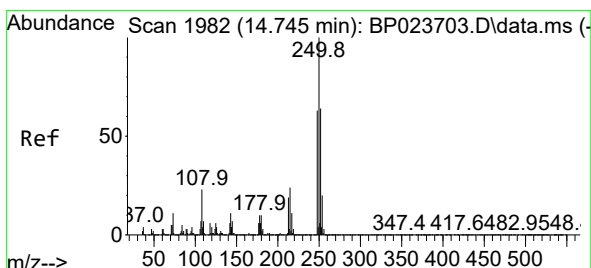
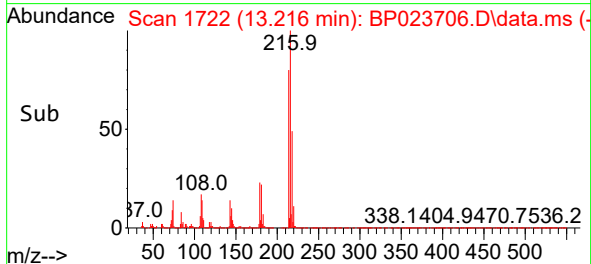
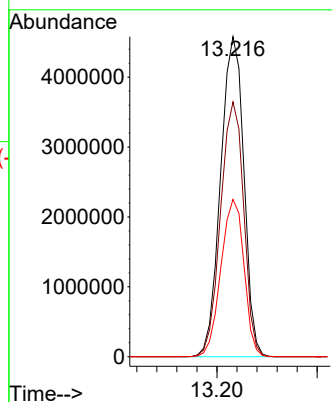
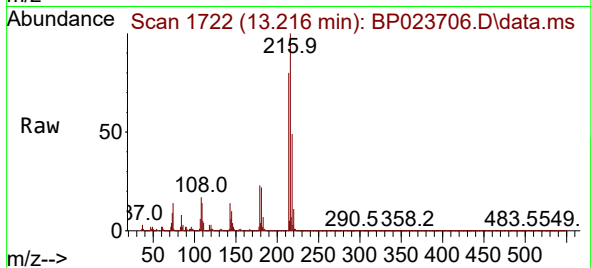




#75
1,2,3,4-Tetrachlorobenzene
Concen: 157.171 ng/uL
RT: 13.216 min Scan# 1722
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

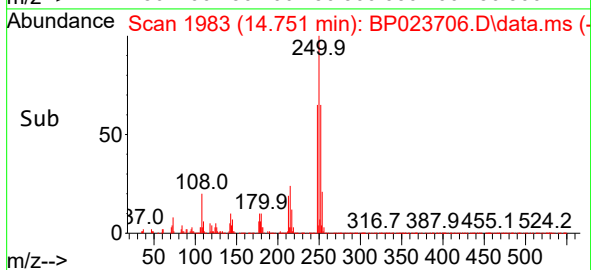
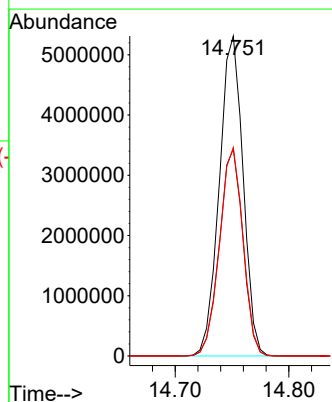
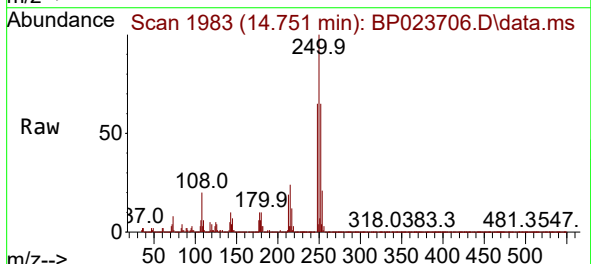
Instrument :
BNA_P
ClientSampleId :
SSTD160614

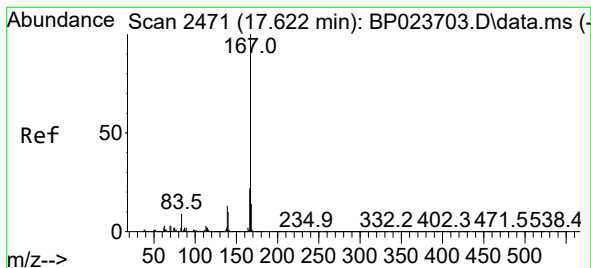
Tgt Ion:216 Resp: 7370753
Ion Ratio Lower Upper
216 100
214 79.6 61.5 92.3
218 49.2 38.4 57.6



#76
Pentachlorobenzene
Concen: 154.795 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:250 Resp: 7711428
Ion Ratio Lower Upper
250 100
248 64.6 50.2 75.2
252 65.2 51.0 76.6





#77

Carbazole

Concen: 0.062 ng/ul

RT: 17.763 min Scan# 2471

Delta R.T. 0.141 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

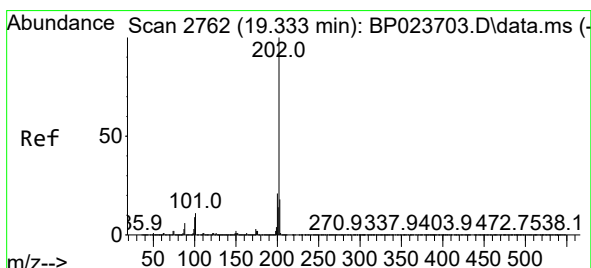
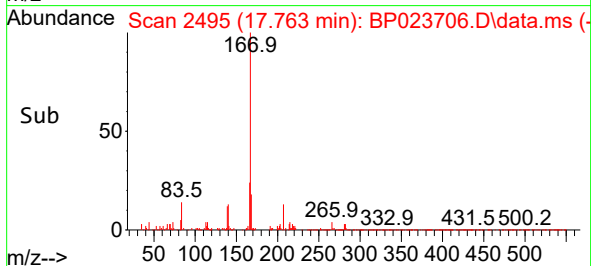
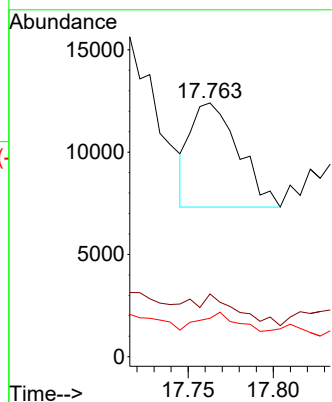
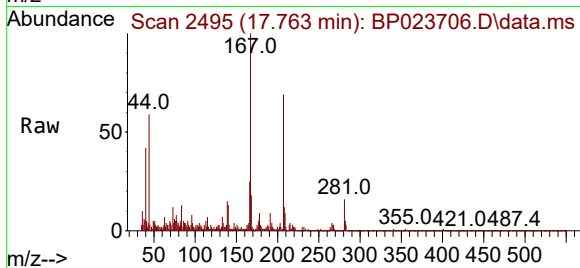
Tgt Ion:167 Resp: 9904

Ion Ratio Lower Upper

167 100

166 24.7 17.4 26.0

139 15.2 10.6 15.8



#80

Fluoranthene

Concen: 0.321 ng/ul

RT: 19.286 min Scan# 2754

Delta R.T. -0.047 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

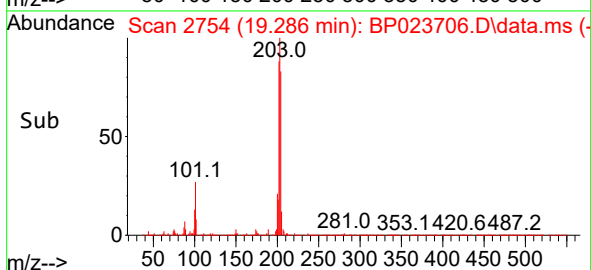
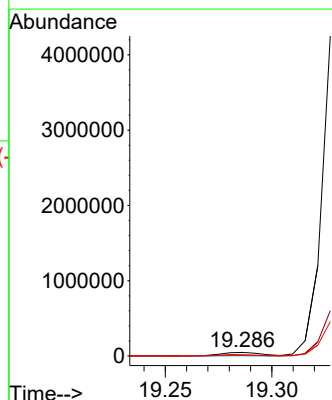
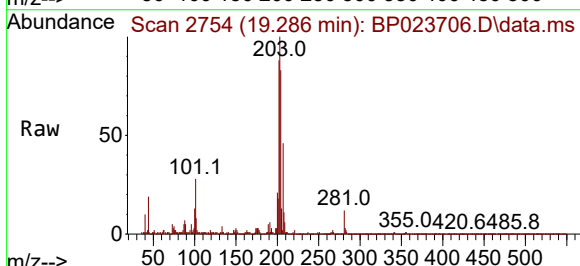
Tgt Ion:202 Resp: 60672

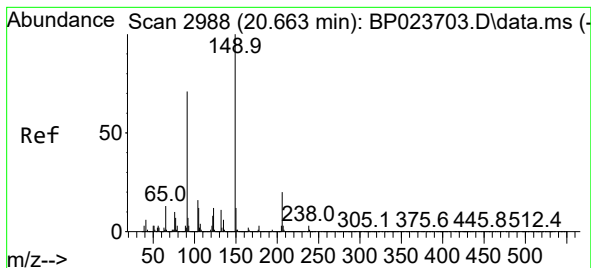
Ion Ratio Lower Upper

202 100

101 40.8 9.2 13.8#

100 15.0 7.0 10.6#





#83

Butylbenzylphthalate

Concen: 160.718 ng/ul

RT: 20.674 min Scan# 2988

Delta R.T. 0.012 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

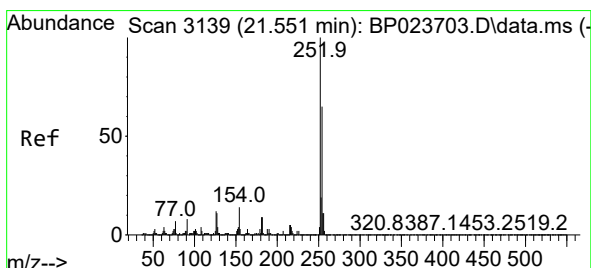
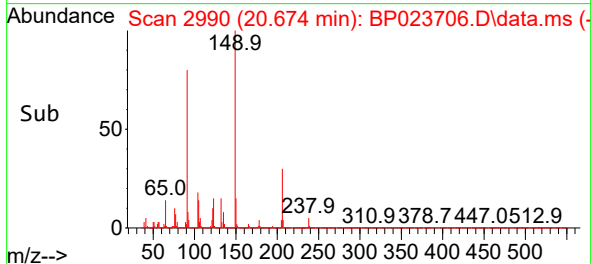
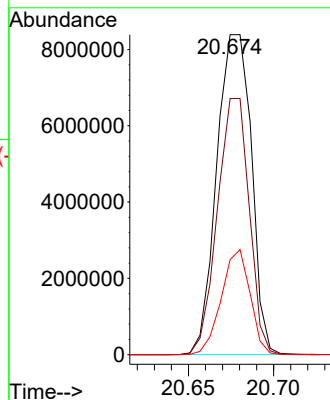
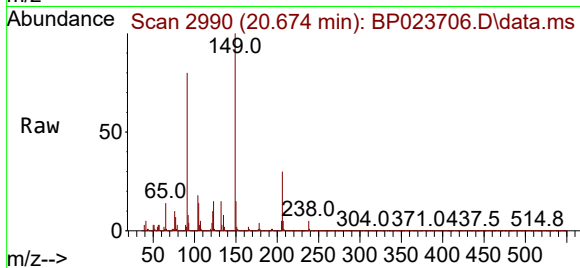
Tgt Ion:149 Resp:11887266

Ion Ratio Lower Upper

149 100

91 80.1 56.6 84.8

206 29.7 16.3 24.5#



#84

3,3'-Dichlorobenzidine

Concen: 166.205 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.024 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

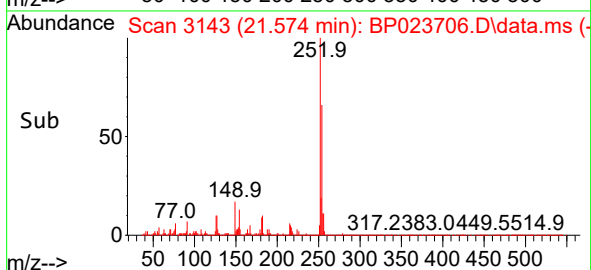
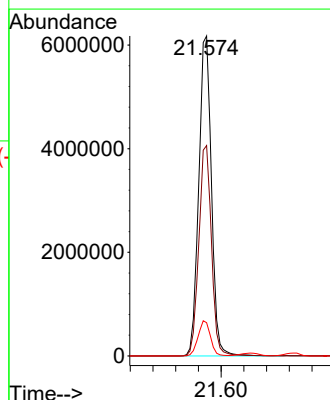
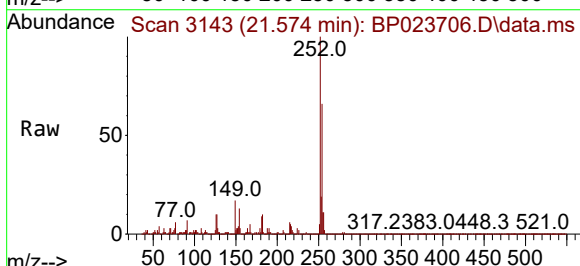
Tgt Ion:252 Resp: 9572989

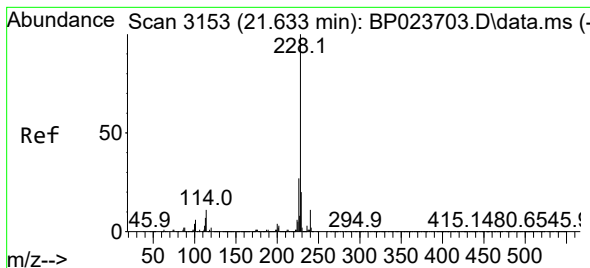
Ion Ratio Lower Upper

252 100

254 65.8 52.1 78.1

126 10.4 9.4 14.0





#85

Benzo(a)anthracene

Concen: 14.002 ng/ul

RT: 21.716 min Scan# 3153

Delta R.T. 0.082 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

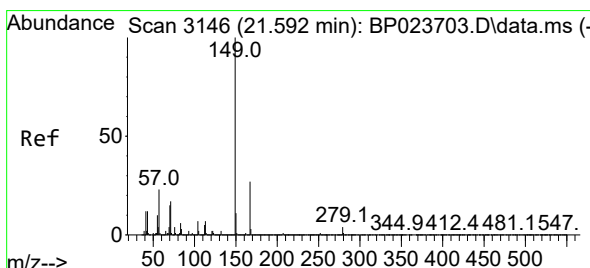
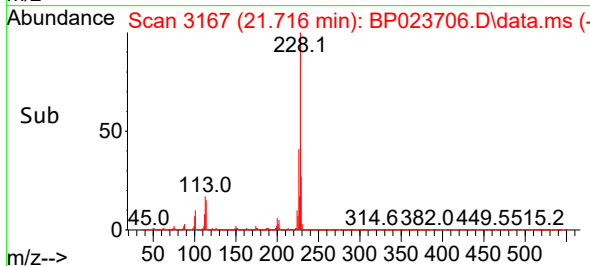
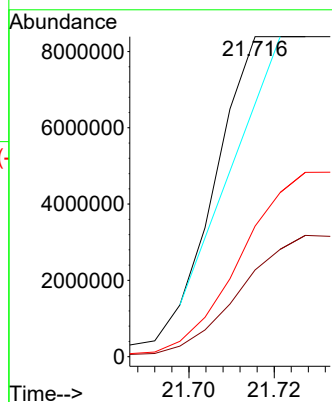
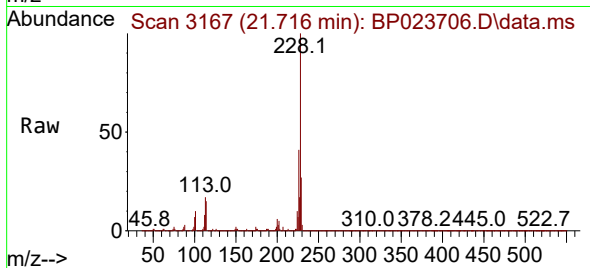
Tgt Ion:228 Resp: 2897133

Ion Ratio Lower Upper

228 100

229 27.1 15.8 23.8#

226 40.8 21.8 32.8#



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.036 ng/ul

RT: 21.733 min Scan# 3170

Delta R.T. 0.141 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

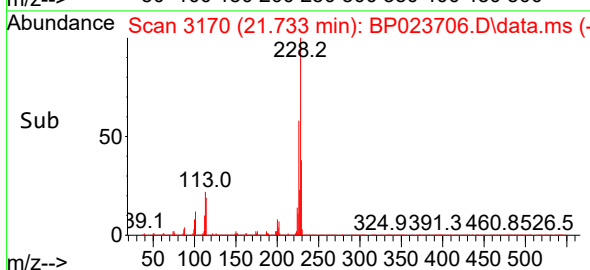
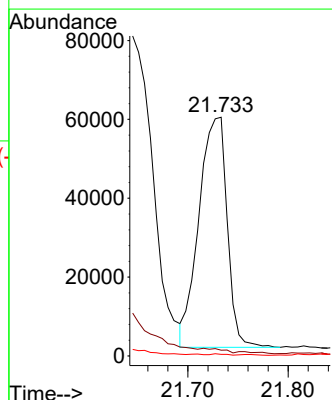
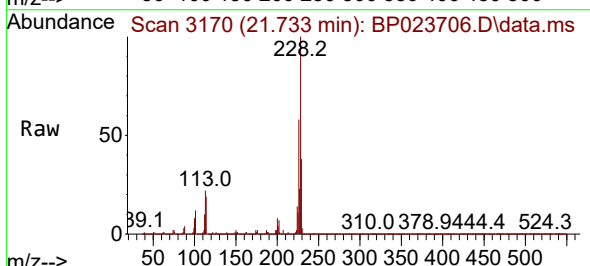
Tgt Ion:149 Resp: 114281

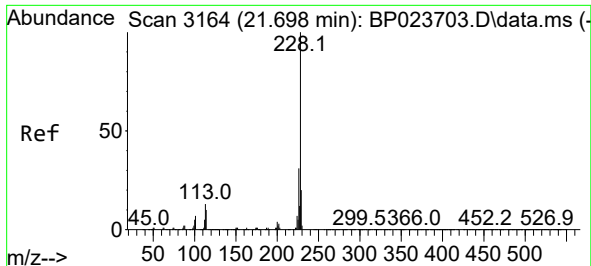
Ion Ratio Lower Upper

149 100

167 2.4 21.7 32.5#

279 0.7 3.4 5.2#





#87

Chrysene

Concen: 14.957 ng/ul

RT: 21.716 min Scan# 3164

Delta R.T. 0.018 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

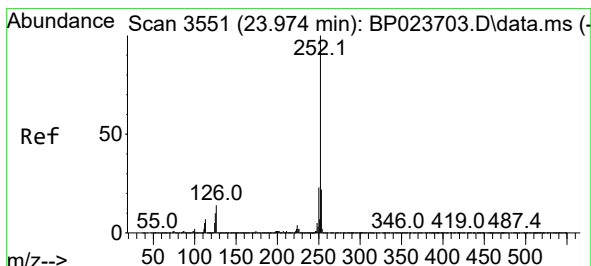
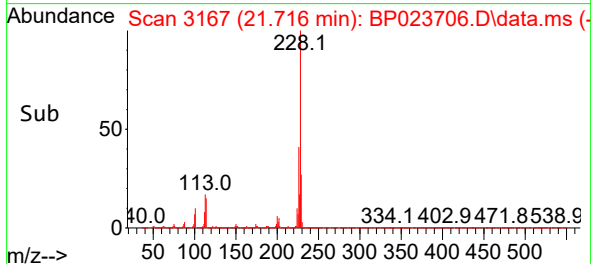
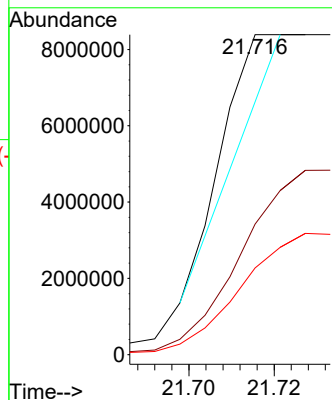
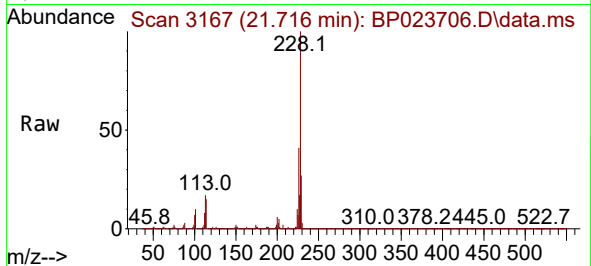
Tgt Ion:228 Resp: 2897133

Ion Ratio Lower Upper

228 100

226 40.8 24.3 36.5#

229 27.1 15.8 23.6#



#90

Benzo(b)fluoranthene

Concen: 11.689 ng/ul

RT: 24.045 min Scan# 3563

Delta R.T. 0.071 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

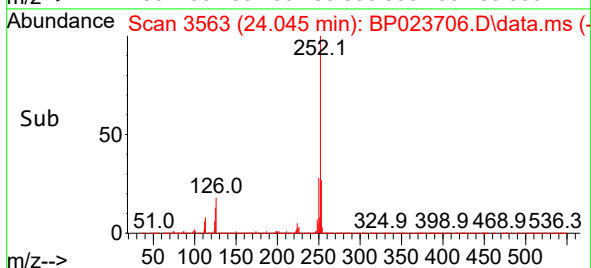
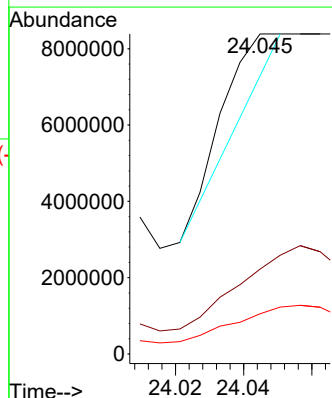
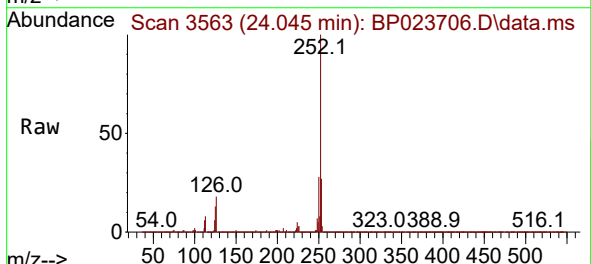
Tgt Ion:252 Resp: 2418248

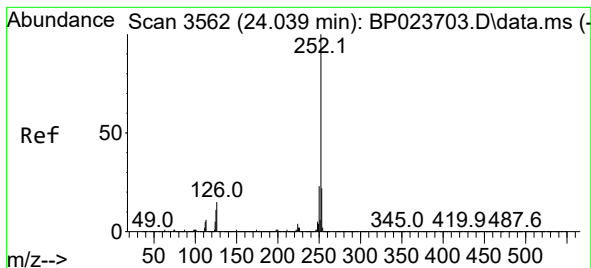
Ion Ratio Lower Upper

252 100

253 26.5 17.5 26.3#

125 12.5 8.2 12.4#





#91

Benzo(k)fluoranthene

Concen: 11.339 ng/ul

RT: 24.045 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

Instrument :

BNA_P

ClientSampleId :

SSTD160614

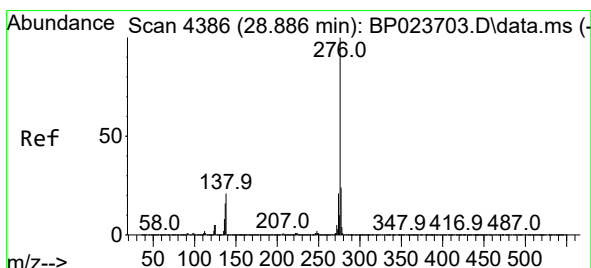
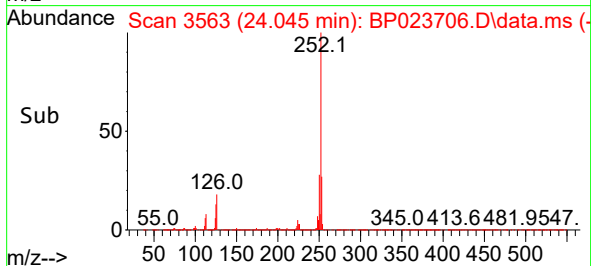
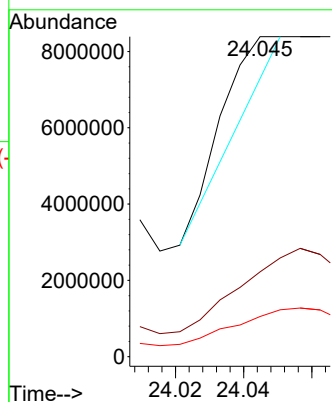
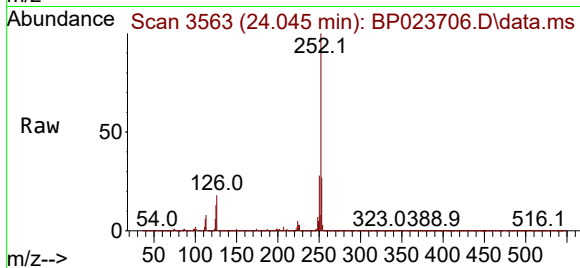
Tgt Ion:252 Resp: 2418248

Ion Ratio Lower Upper

252 100

253 26.5 17.7 26.5

125 12.5 8.6 13.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 85.893 ng/ul

RT: 28.921 min Scan# 4392

Delta R.T. 0.035 min

Lab File: BP023706.D

Acq: 22 Jan 2025 16:50

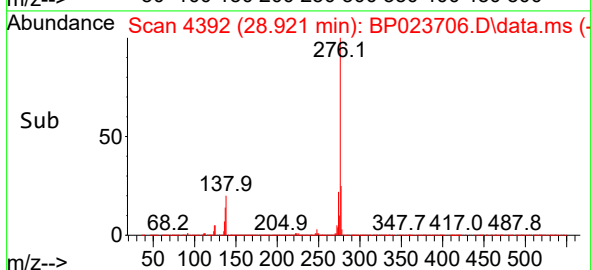
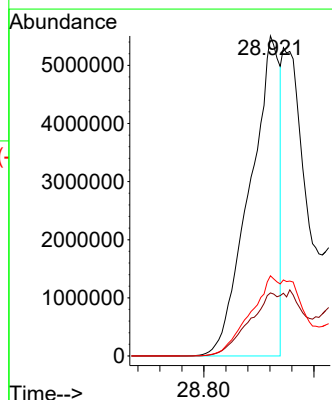
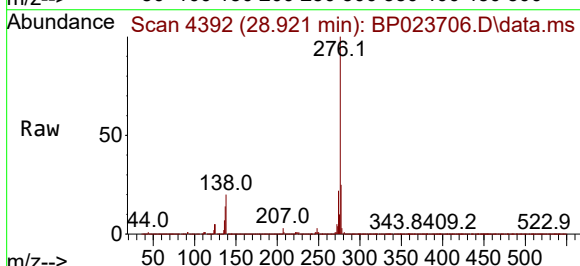
Tgt Ion:276 Resp:20754075

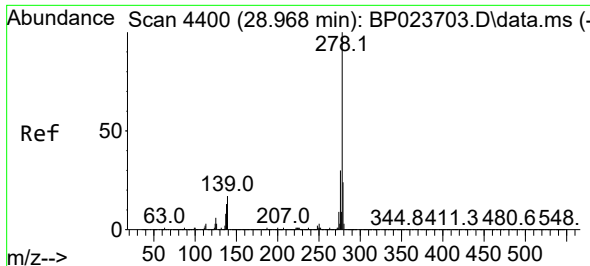
Ion Ratio Lower Upper

276 100

138 19.7 16.6 25.0

277 25.0 19.2 28.8

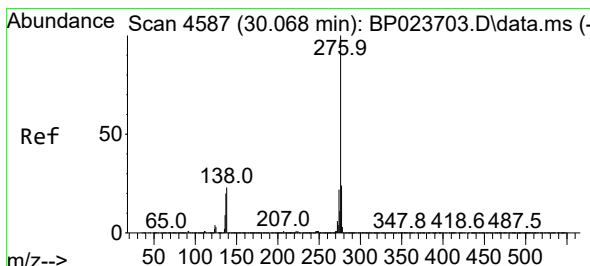
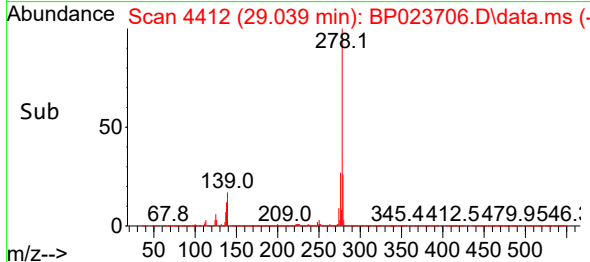
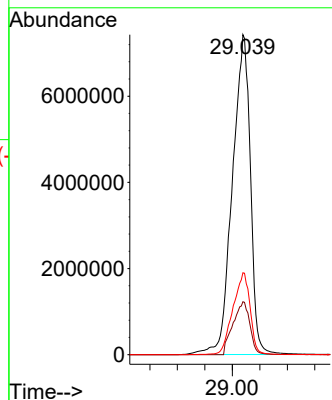
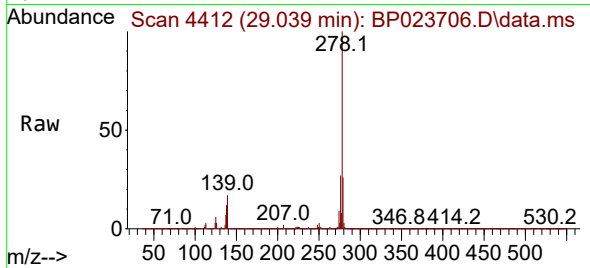




#95
Dibenzo(a,h)anthracene
Concen: 171.834 ng/ul
RT: 29.039 min Scan# 4400
Delta R.T. 0.071 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Instrument :
BNA_P
ClientSampleId :
SSTD160614

Tgt Ion:278 Resp:33704250
Ion Ratio Lower Upper
278 100
139 16.6 13.4 20.2
279 25.6 19.4 29.2



#96
Benzo(g,h,i)perylene
Concen: 108.106 ng/ul
RT: 30.139 min Scan# 4599
Delta R.T. 0.071 min
Lab File: BP023706.D
Acq: 22 Jan 2025 16:50

Tgt Ion:276 Resp:20121290
Ion Ratio Lower Upper
276 100
138 21.3 18.5 27.7
277 24.4 19.0 28.6

