

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112624\
 Data File : BP023327.D
 Acq On : 26 Nov 2024 18:20
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV641

Quant Time: Nov 27 00:08:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 00:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	72258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	282122	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.163	164	222580	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	537528	20.000	ng/u1	0.00
79) Chrysene-d12	21.404	240	628287	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	716640	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	15630	7.964	ng/uL	0.00
4) Pyridine-d5	3.540	84	111330	22.059	ng/u1	0.00
7) Phenol-d5	6.763	99	126629	22.335	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	87628	24.498	ng/u1	0.00
11) 2-Chlorophenol-d4	7.111	132	94325	22.542	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	99849	21.821	ng/u1	0.00
21) Nitrobenzene-d5	8.705	128	45340	21.522	ng/u1	0.00
24) 2-Nitrophenol-d4	9.416	143	53056	21.852	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	113450	22.139	ng/u1	0.00
31) 4-Chloroaniline-d4	10.457	131	128204	22.332	ng/u1	0.00
46) Dimethylphthalate-d6	13.569	166	380635	22.029	ng/u1	0.00
49) Acenaphthylene-d8	13.851	160	403287	22.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.445	143	39661	18.731	ng/u1	0.00
60) Fluorene-d10	15.181	176	339239	22.321	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.339	200	72258	22.243	ng/u1	0.00
73) Anthracene-d10	17.069	188	546537	22.278	ng/u1	0.00
81) Pyrene-d10	19.463	212	712058	21.692	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	843014	21.975	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	17306	7.969	ng/uL	98
5) Pyridine	3.558	79	99764	19.352	ng/u1	97
6) Benzaldehyde	6.740	77	69741	21.517	ng/u1	98
8) Phenol	6.793	94	131945	22.354	ng/u1	92
10) Bis(2-Chloroethyl)ether	6.999	93	106704	22.902	ng/u1	98
12) 2-Chlorophenol	7.140	128	93587	21.334	ng/u1	95
13) 2-Methylphenol	8.010	108	95485	21.814	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.063	45	124416	21.959	ng/u1	97
16) Acetophenone	8.375	105	171246	22.235	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.352	70	92988	22.159	ng/u1	96
18) 4-Methylphenol	8.334	108	105919	22.418	ng/u1	96
19) Hexachloroethane	8.605	117	43636	20.430	ng/u1	95
22) Nitrobenzene	8.746	77	134861	21.038	ng/u1	98
23) Isophorone	9.263	82	244015	21.492	ng/u1	99
25) 2-Nitrophenol	9.446	139	56937	21.953	ng/u1	91
26) 2,4-Dimethylphenol	9.516	107	107371	18.696	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.728	93	139148	21.692	ng/u1	100
29) 2,4-Dichlorophenol	9.987	162	107870	21.239	ng/u1	99
30) Naphthalene	10.352	128	320530	21.702	ng/u1	100
32) 4-Chloroaniline	10.481	127	128823	23.142	ng/u1	97
33) Hexachlorobutadiene	10.622	225	95399	21.176	ng/u1	96
34) Caprolactam	11.275	113	30198	20.378	ng/u1	96
35) 4-Chloro-3-methylphenol	11.628	107	120351	21.824	ng/u1	98
36) 2-Methylnaphthalene	11.969	142	241028	22.007	ng/u1	98

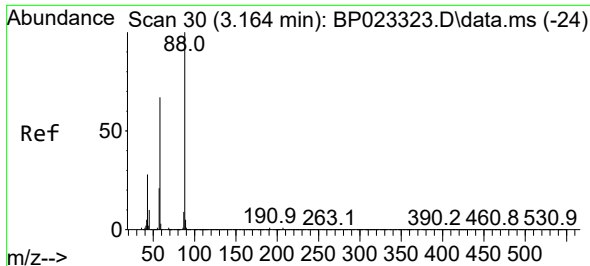
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.187	142	227248	20.361	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.346	216	172333	21.217	ng/ul	98
40) Hexachlorocyclopentadiene	12.310	237	68106	17.451	ng/ul	98
41) 2,4,6-Trichlorophenol	12.604	196	103803	21.595	ng/ul	99
42) 2,4,5-Trichlorophenol	12.698	196	112364	21.879	ng/ul	98
43) 1,1'-Biphenyl	12.993	154	340533	21.593	ng/ul	98
44) 2-Chloronaphthalene	13.040	162	275010	21.558	ng/ul	96
45) 2-Nitroaniline	13.263	65	79411	21.486	ng/ul	90
47) Dimethylphthalate	13.622	163	371082	21.802	ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	78404	24.040	ng/ul	88
50) Acenaphthylene	13.881	152	417303	22.484	ng/ul	99
51) 3-Nitroaniline	14.116	138	68183	24.944	ng/ul	97
52) Acenaphthene	14.228	153	289986	21.376	ng/ul	96
53) 2,4-Dinitrophenol	14.351	184	41783	19.867	ng/ul	91
55) 4-Nitrophenol	14.463	109	61184	21.449	ng/ul#	86
56) Dibenzofuran	14.575	168	446524	21.673	ng/ul	100
57) 2,4-Dinitrotoluene	14.569	165	117409	22.341	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.828	232	113553	22.272	ng/ul	93
59) Diethylphthalate	15.010	149	363245	21.399	ng/ul	97
61) Fluorene	15.234	166	357312	21.300	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.222	204	203503	20.916	ng/ul	98
63) 4-Nitroaniline	15.292	138	62082	25.823	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.357	198	74264	21.549	ng/ul	98
67) N-Nitrosodiphenylamine	15.457	169	308513	22.475	ng/ul	100
68) 4-Bromophenyl-phenylether	16.145	248	136787	21.556	ng/ul	99
69) Hexachlorobenzene	16.257	284	174318	22.424	ng/ul	93
70) Atrazine	16.434	200	134943	22.592	ng/ul	99
71) Pentachlorophenol	16.628	266	97524	21.493	ng/ul	92
72) Phenanthrene	17.010	178	611682	22.011	ng/ul	99
74) Anthracene	17.104	178	614003	22.097	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	165685	21.384	ng/ul	99
76) Pentachlorobenzene	14.492	250	186857	21.879	ng/ul	99
77) Carbazole	17.398	167	533301	23.558	ng/ul	100
78) Di-n-butylphthalate	17.981	149	610616	21.952	ng/ul	98
80) Fluoranthene	19.116	202	796780	21.183	ng/ul	99
82) Pyrene	19.492	202	838425	21.006	ng/ul	98
83) Butylbenzylphthalate	20.439	149	307076	22.213	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.310	252	346575	24.040	ng/ul	99
85) Benzo(a)anthracene	21.386	228	912296	21.654	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	419737	21.143	ng/ul	98
87) Chrysene	21.451	228	871583	21.587	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	748127	21.375	ng/ul	100
90) Benzo(b)fluoranthene	23.586	252	984090	21.856	ng/ul	99
91) Benzo(k)fluoranthene	23.651	252	973647	21.734	ng/ul	100
93) Benzo(a)pyrene	24.433	252	513678	12.583	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.198	276	675334	12.873	ng/ul	99
95) Dibenzo(a,h)anthracene	28.256	278	421183	10.032	ng/ul	97
96) Benzo(g,h,i)perylene	29.345	276	429779	10.700	ng/ul	99

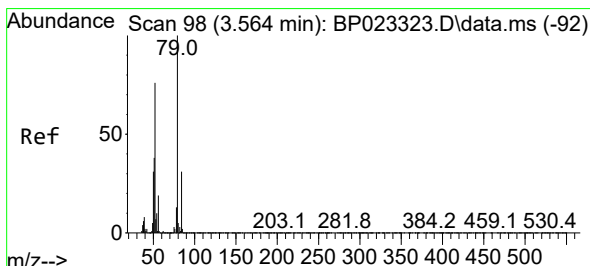
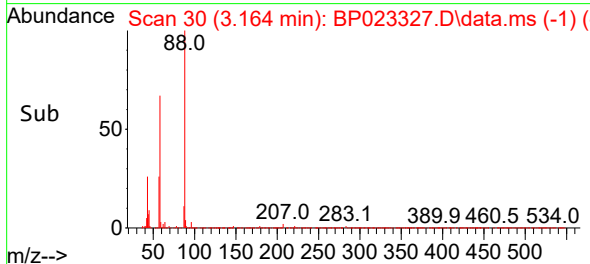
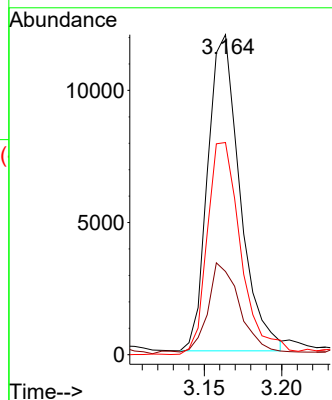
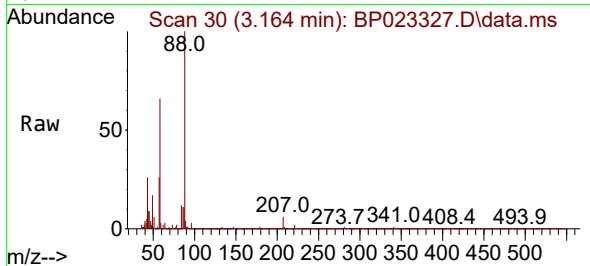
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#2
 1,4-Dioxane
 Concen: 7.969 ng/uL
 RT: 3.164 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BP023327.D
 Acq: 26 Nov 2024 18:20

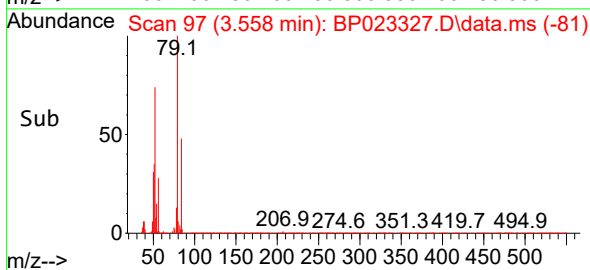
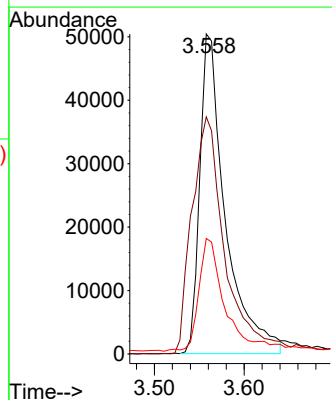
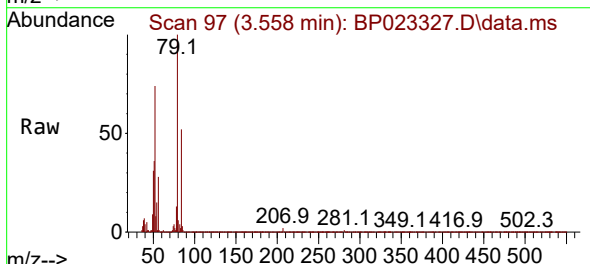
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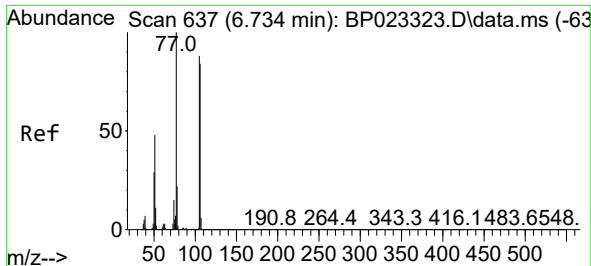
Tgt Ion:	88	Resp:	17306
Ion	Ratio	Lower	Upper
88	100		
43	26.0	22.9	34.3
58	66.3	53.1	79.7



#5
 Pyridine
 Concen: 19.352 ng/uL
 RT: 3.558 min Scan# 97
 Delta R.T. -0.006 min
 Lab File: BP023327.D
 Acq: 26 Nov 2024 18:20

Tgt Ion:	79	Resp:	99764
Ion	Ratio	Lower	Upper
79	100		
52	74.1	60.8	91.2
51	36.1	30.7	46.1

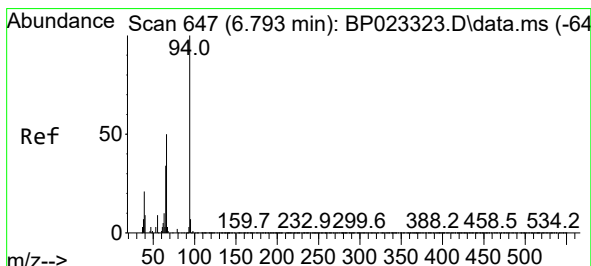
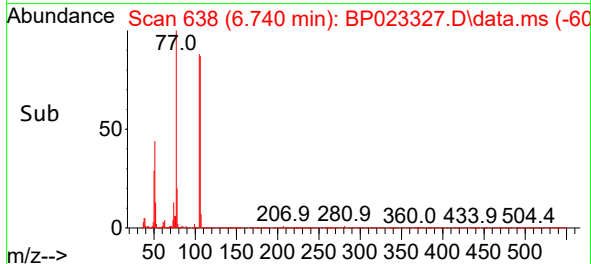
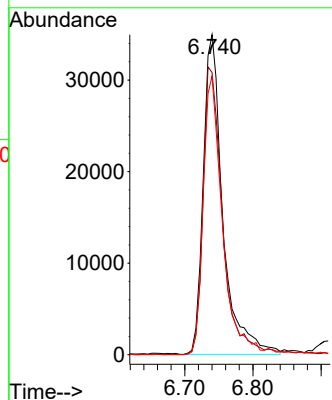
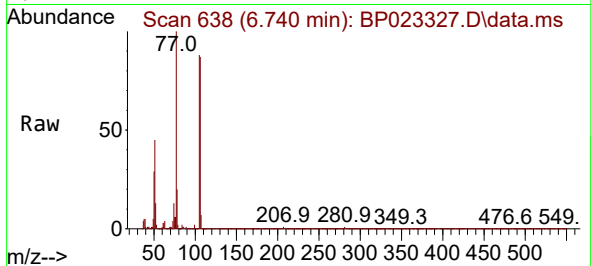




#6
Benzaldehyde
Concen: 21.517 ng/ul
RT: 6.740 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

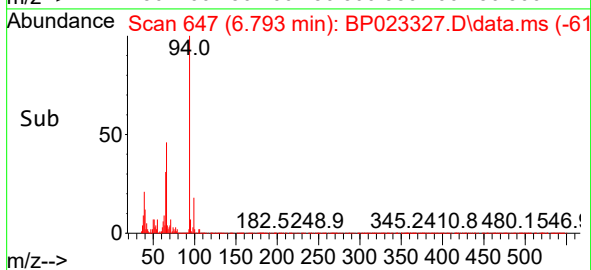
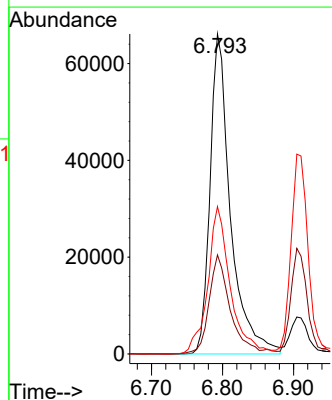
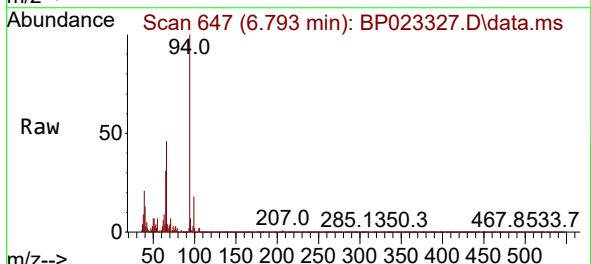
Instrument :
BNA_P
ClientSampleId :
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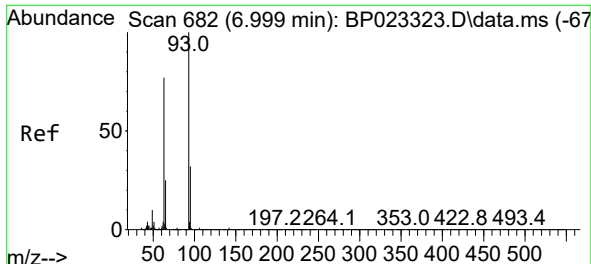
Tgt Ion: 77 Resp: 69741
Ion Ratio Lower Upper
77 100
105 88.2 70.6 106.0
106 87.1 67.4 101.0



#8
Phenol
Concen: 22.354 ng/ul
RT: 6.793 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion: 94 Resp: 131945
Ion Ratio Lower Upper
94 100
65 30.9 28.0 42.0
66 46.0 42.0 63.0

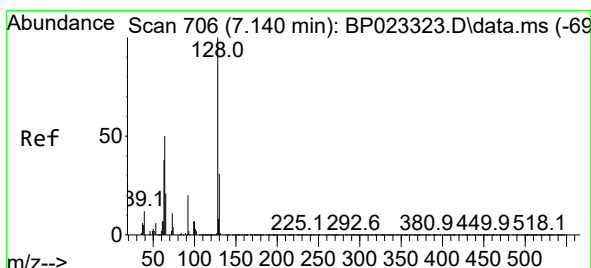
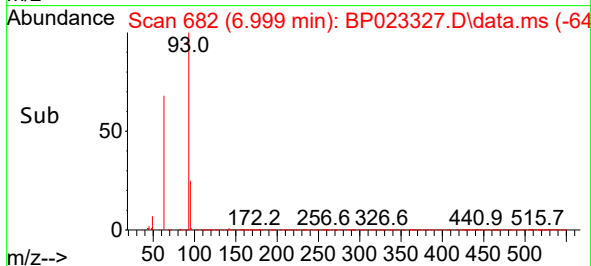
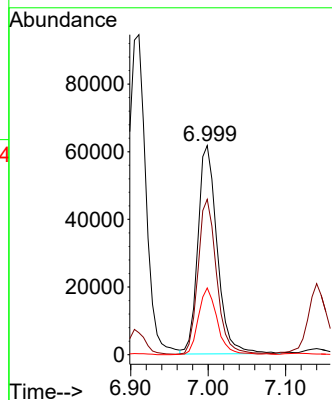
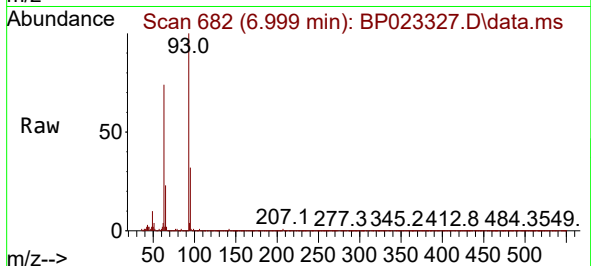




#10
Bis(2-Chloroethyl)ether
Concen: 22.902 ng/ul
RT: 6.999 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

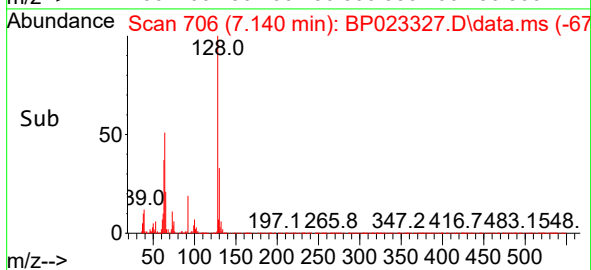
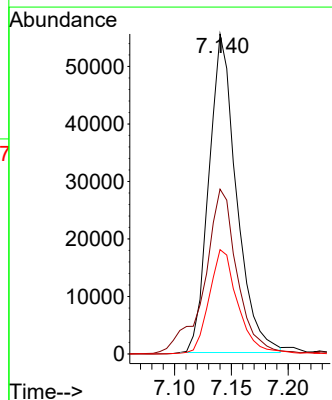
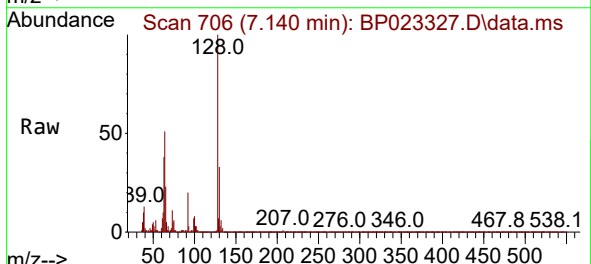
Instrument :
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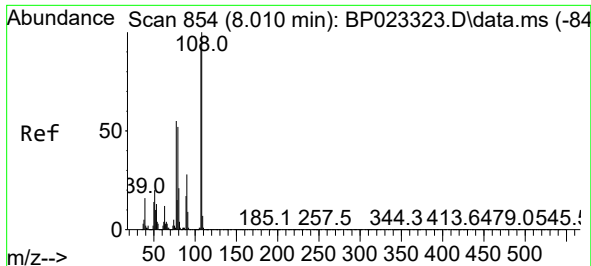
Tgt Ion: 93 Resp: 106704
Ion Ratio Lower Upper
93 100
63 74.3 61.3 91.9
95 31.9 25.4 38.0



#12
2-Chlorophenol
Concen: 21.334 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion: 128 Resp: 93587
Ion Ratio Lower Upper
128 100
64 51.5 44.8 67.2
130 32.6 24.7 37.1





#13

2-Methylphenol

Concen: 21.814 ng/ul

RT: 8.010 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

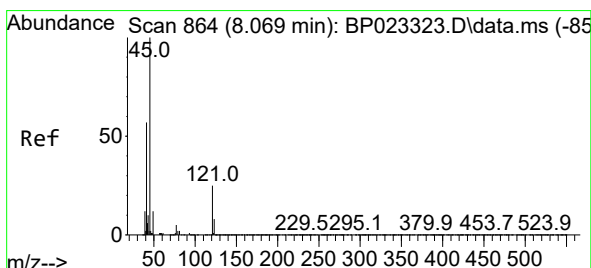
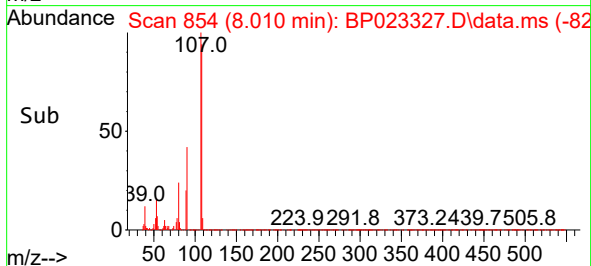
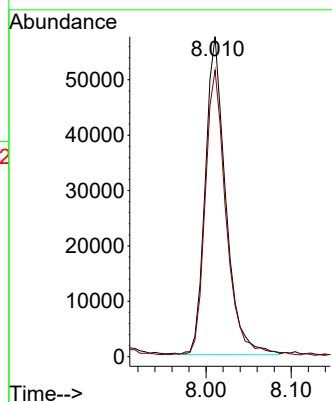
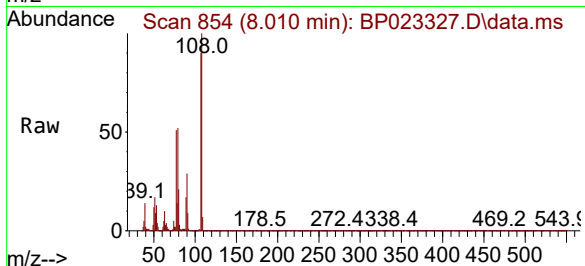
SICV641

Tgt Ion:108 Resp: 95485

Ion Ratio Lower Upper

108 100

107 89.6 73.8 110.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.959 ng/ul

RT: 8.063 min Scan# 863

Delta R.T. -0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

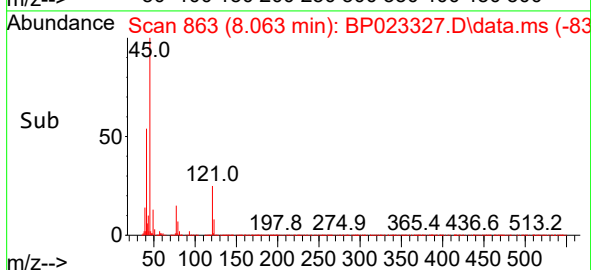
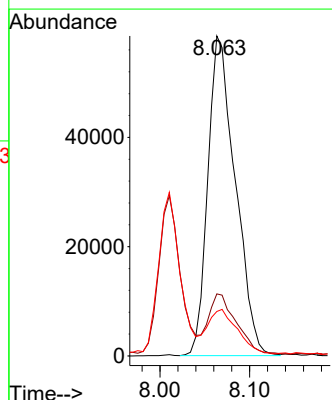
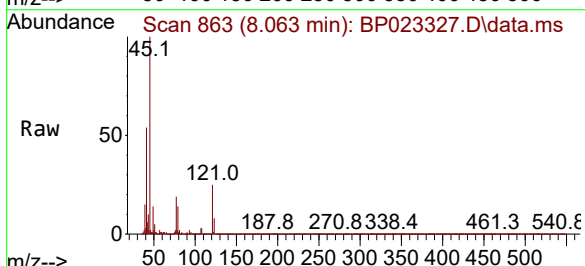
Tgt Ion: 45 Resp: 124416

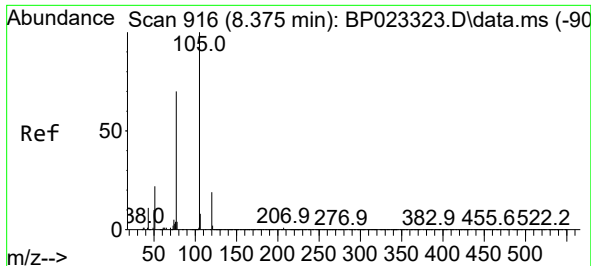
Ion Ratio Lower Upper

45 100

77 19.4 13.9 20.9

79 13.9 11.3 16.9

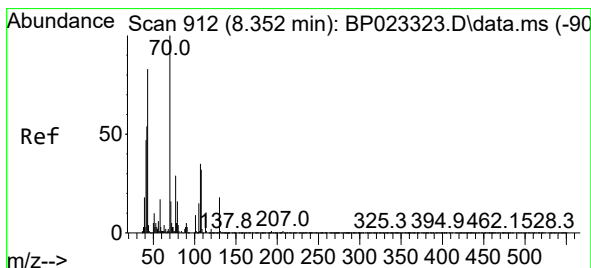
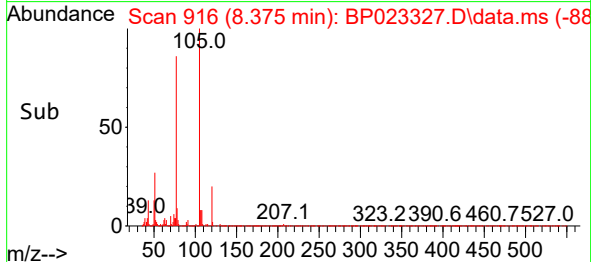
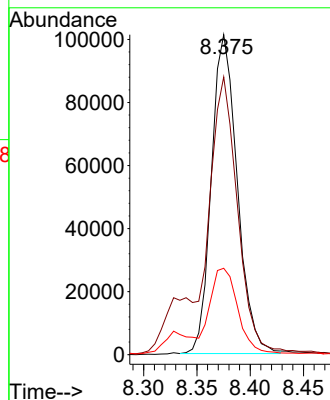
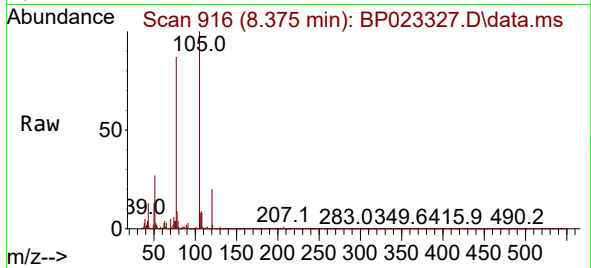




#16
Acetophenone
Concen: 22.235 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

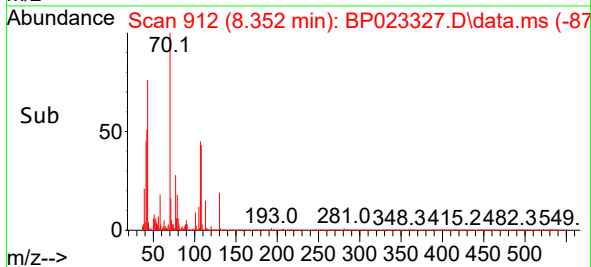
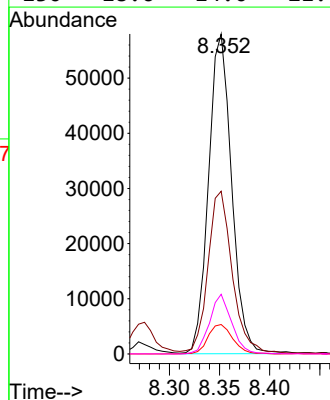
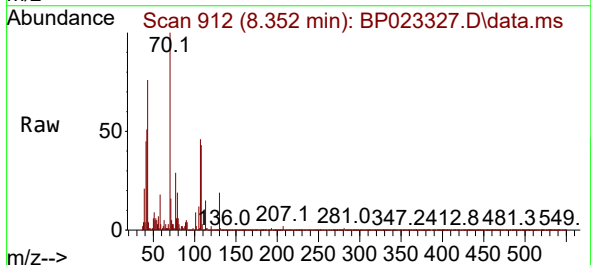
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ClientSampleId :
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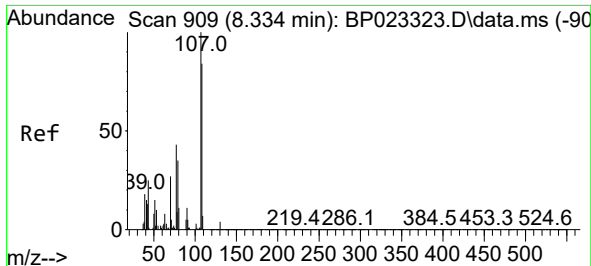
Tgt Ion:105 Resp: 171246
Ion Ratio Lower Upper
105 100
77 86.8 71.2 106.8
51 27.0 22.9 34.3



#17
N-Nitroso-di-n-propylamine
Concen: 22.159 ng/ul
RT: 8.352 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion: 70 Resp: 92988
Ion Ratio Lower Upper
70 100
42 50.9 43.5 65.3
101 9.2 6.8 10.2
130 18.6 14.0 21.0

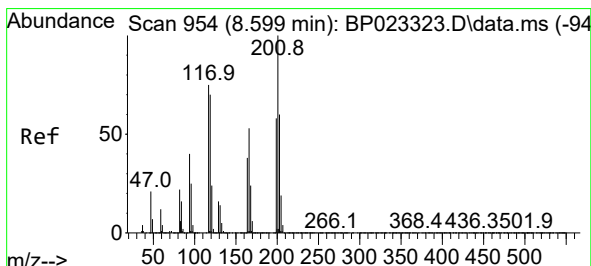
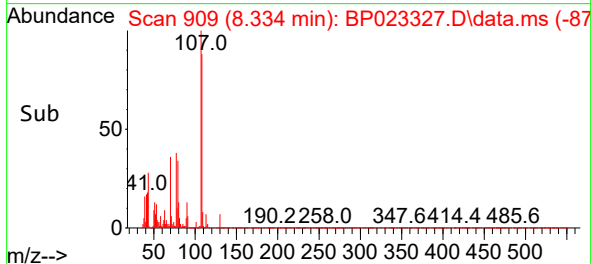
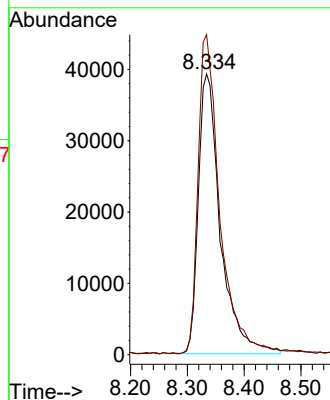
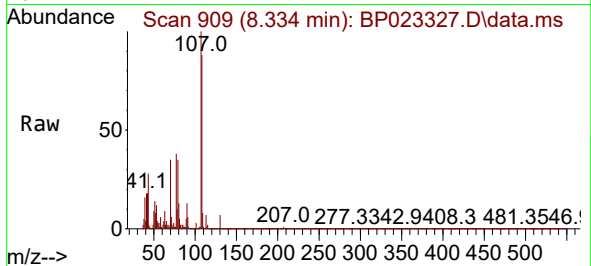




#18
4-Methylphenol
Concen: 22.418 ng/ul
RT: 8.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

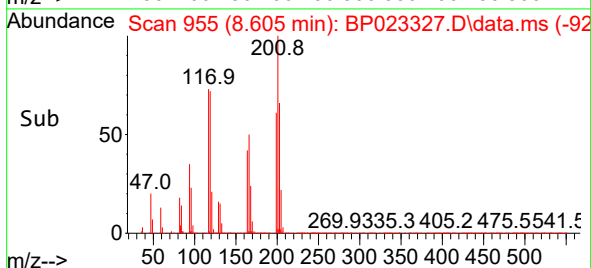
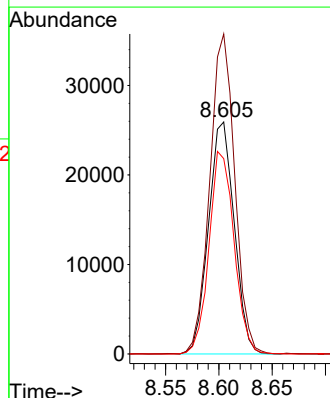
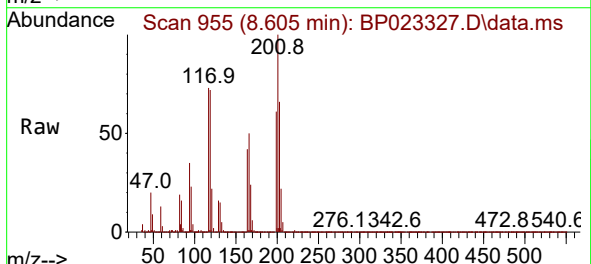
Instrument :
BNA_P
ClientSampleId :
SICV641

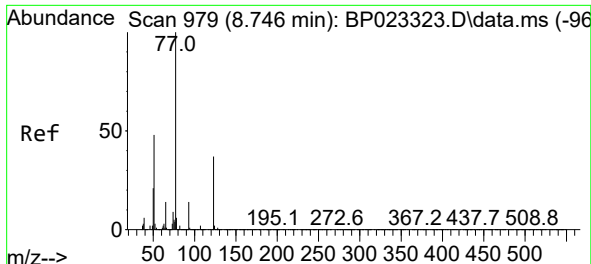
Tgt Ion:108 Resp: 105919
Ion Ratio Lower Upper
108 100
107 114.0 95.1 142.7



#19
Hexachloroethane
Concen: 20.430 ng/ul
RT: 8.605 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:117 Resp: 43636
Ion Ratio Lower Upper
117 100
201 137.9 107.0 160.6
199 84.2 62.1 93.1

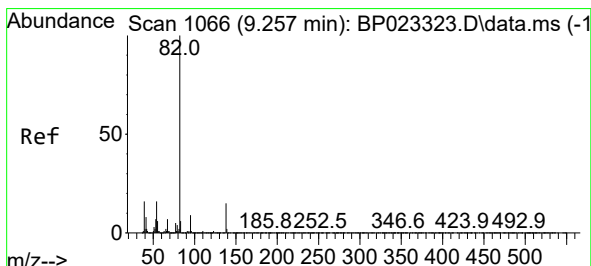
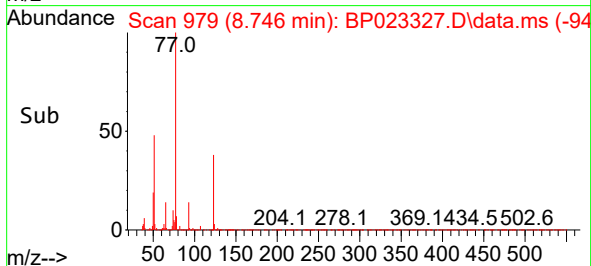
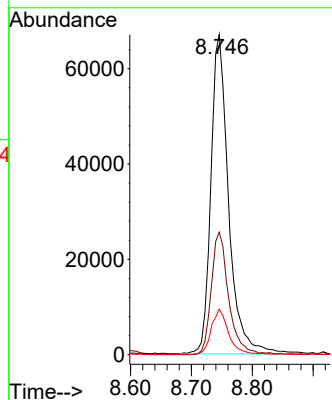
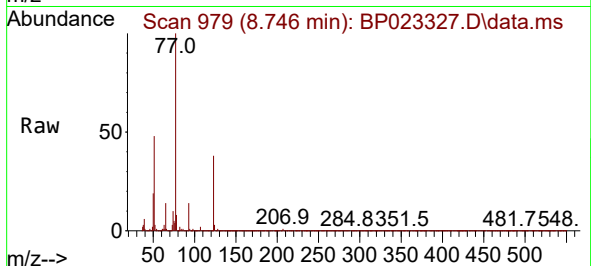




#22
Nitrobenzene
Concen: 21.038 ng/ul
RT: 8.746 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

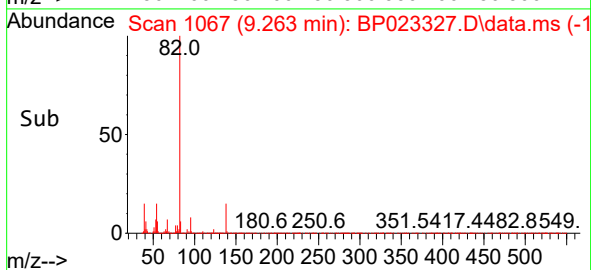
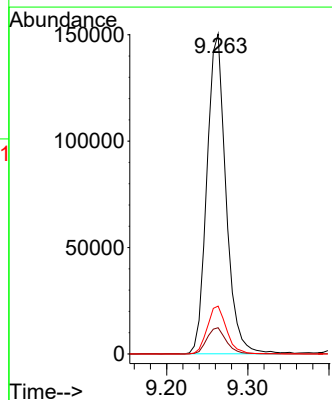
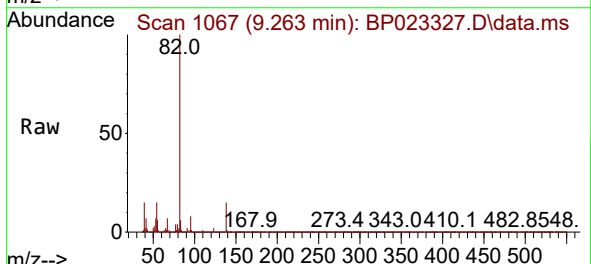
Instrument :
BNA_P
ClientSampleId :
SICV641

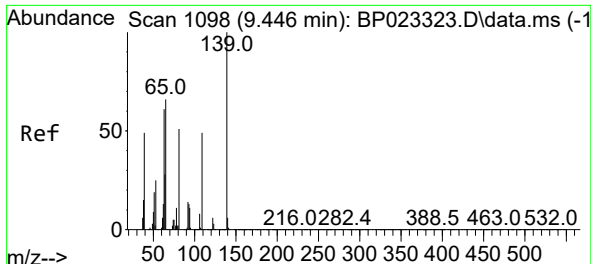
Tgt Ion: 77 Resp: 134861
Ion Ratio Lower Upper
77 100
123 38.3 29.8 44.6
65 14.2 11.0 16.6



#23
Isophorone
Concen: 21.492 ng/ul
RT: 9.263 min Scan# 1067
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion: 82 Resp: 244015
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.4
138 15.0 12.0 18.0

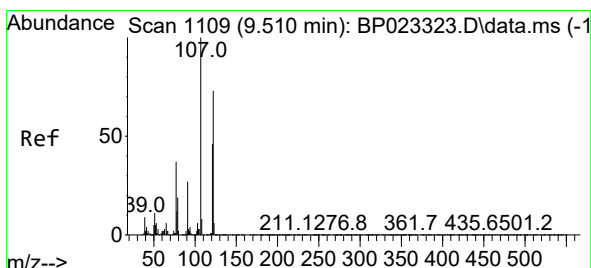
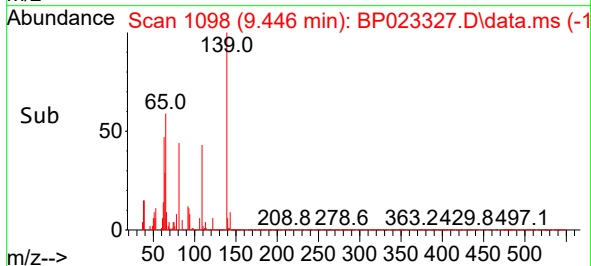
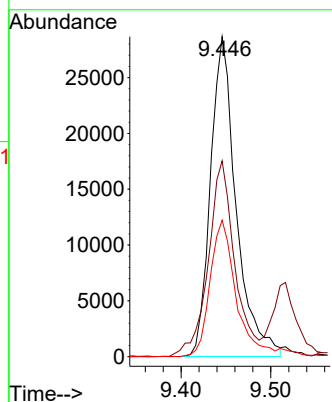
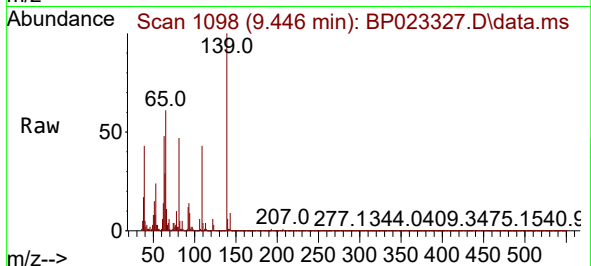




#25
2-Nitrophenol
Concen: 21.953 ng/ul
RT: 9.446 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

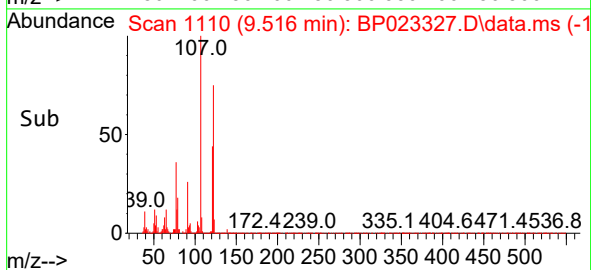
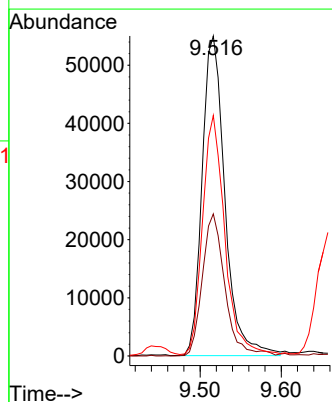
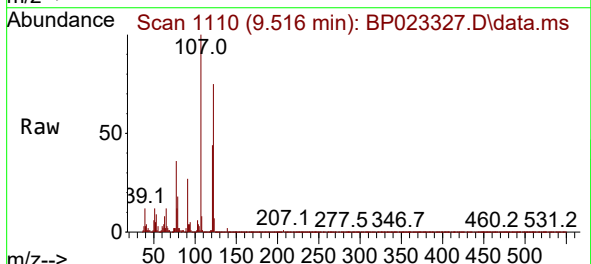
Instrument :
BNA_P
ClientSampleId :
SICV641

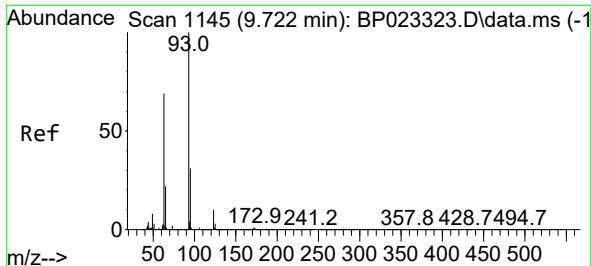
Tgt Ion:139	Resp:	56937
Ion Ratio	Lower	Upper
139	100	
65	61.2	55.1 82.7
109	42.6	39.1 58.7



#26
2,4-Dimethylphenol
Concen: 18.696 ng/ul
RT: 9.516 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:107	Resp:	107371
Ion Ratio	Lower	Upper
107	100	
121	44.4	36.6 55.0
122	75.2	58.6 87.8

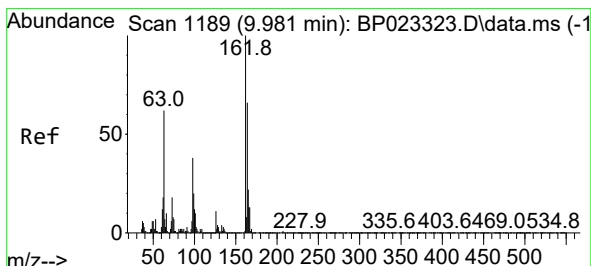
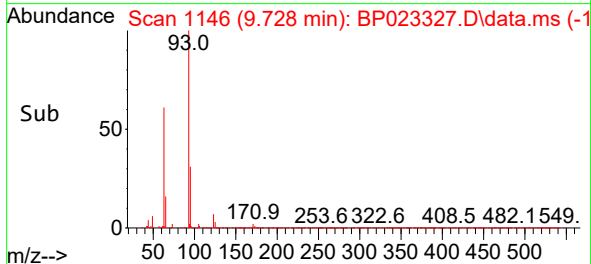
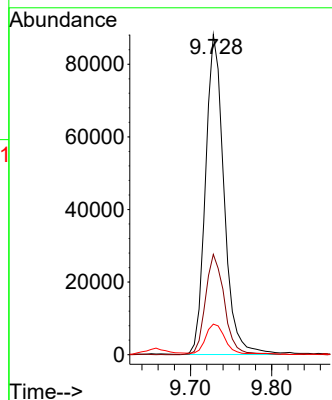
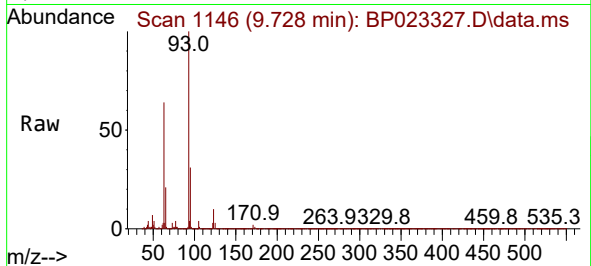




#27
Bis(2-Chloroethoxy)methane
Concen: 21.692 ng/ul
RT: 9.728 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

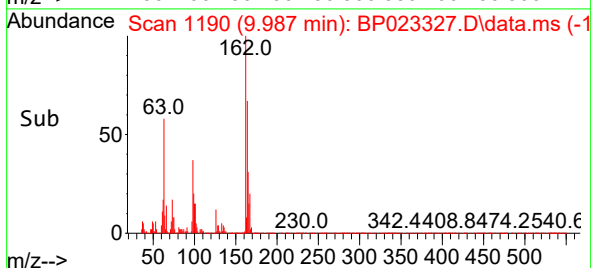
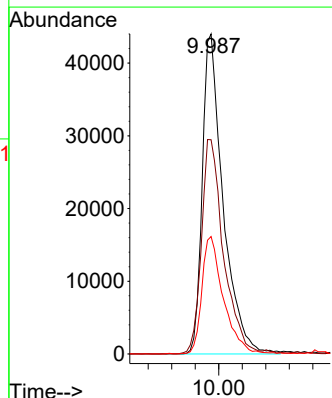
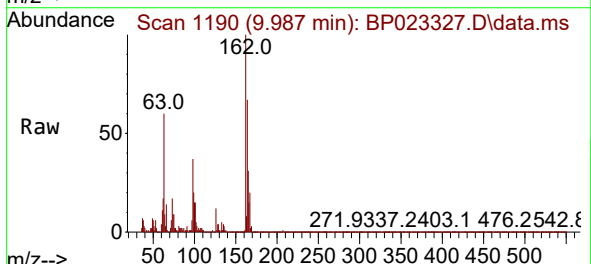
Instrument :
BNA_P
ClientSampleId :
SICV641

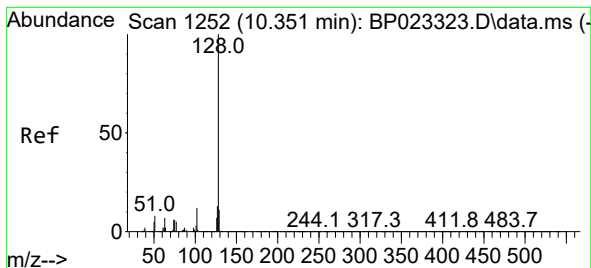
Tgt Ion: 93 Resp: 139148
Ion Ratio Lower Upper
93 100
95 31.4 25.0 37.4
123 9.6 7.8 11.6



#29
2,4-Dichlorophenol
Concen: 21.239 ng/ul
RT: 9.987 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion: 162 Resp: 107870
Ion Ratio Lower Upper
162 100
164 66.9 53.0 79.6
98 36.7 30.3 45.5





#30

Naphthalene

Concen: 21.702 ng/ul

RT: 10.352 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

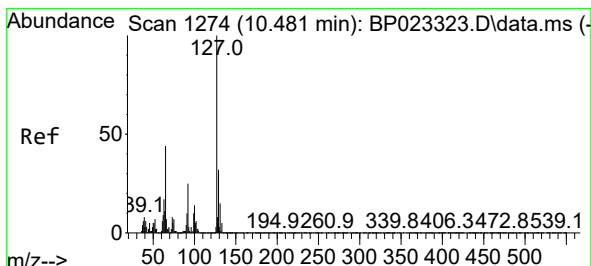
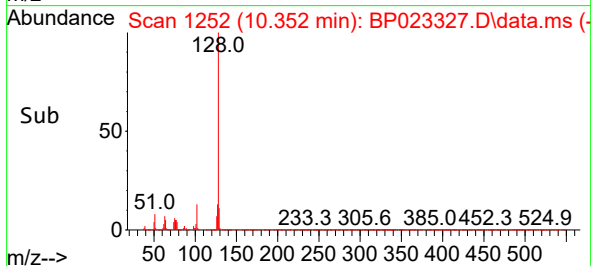
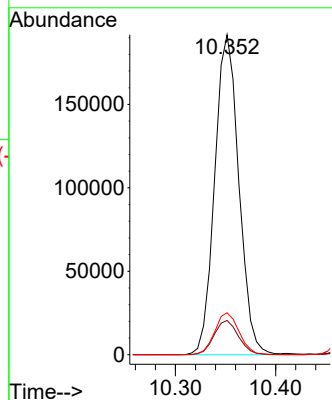
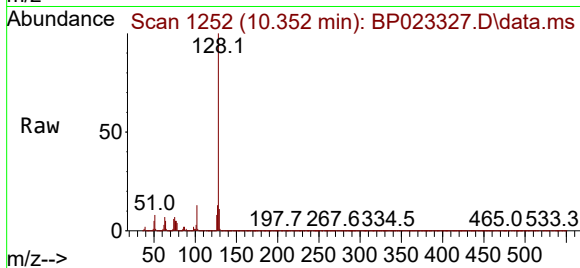
Tgt Ion:128 Resp: 320530

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.1 10.5 15.7



#32

4-Chloroaniline

Concen: 23.142 ng/ul

RT: 10.481 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BP023327.D

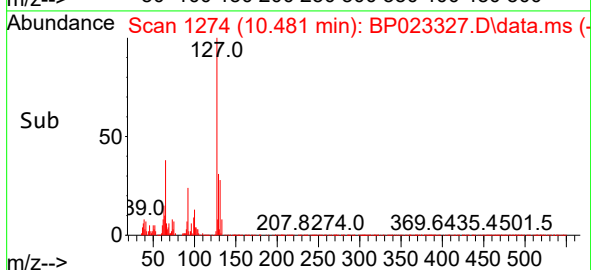
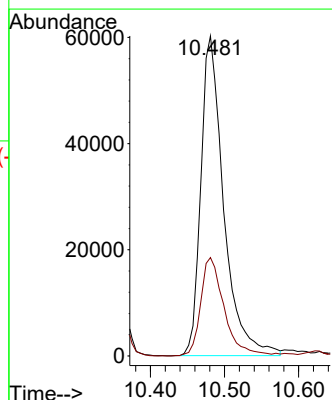
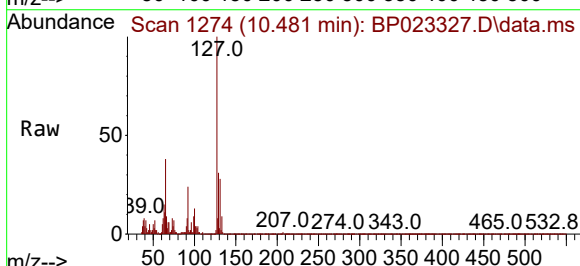
Acq: 26 Nov 2024 18:20

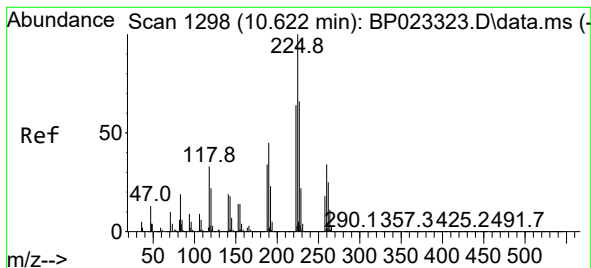
Tgt Ion:127 Resp: 128823

Ion Ratio Lower Upper

127 100

129 30.8 25.9 38.9





#33

Hexachlorobutadiene

Concen: 21.176 ng/ul

RT: 10.622 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

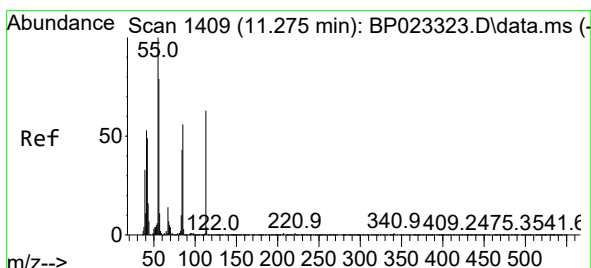
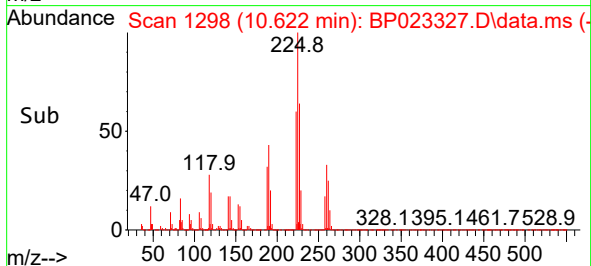
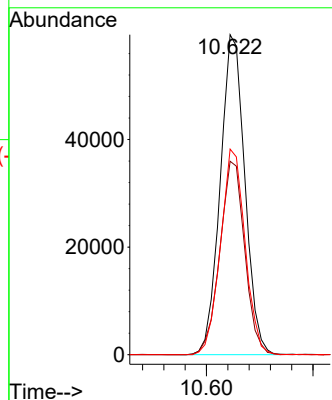
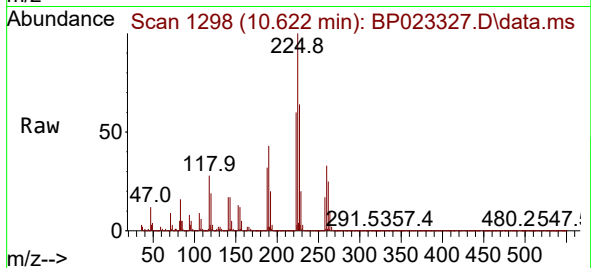
Tgt Ion:225 Resp: 95399

Ion Ratio Lower Upper

225 100

223 60.4 51.4 77.2

227 64.3 53.0 79.4



#34

Caprolactam

Concen: 20.378 ng/ul

RT: 11.275 min Scan# 1409

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

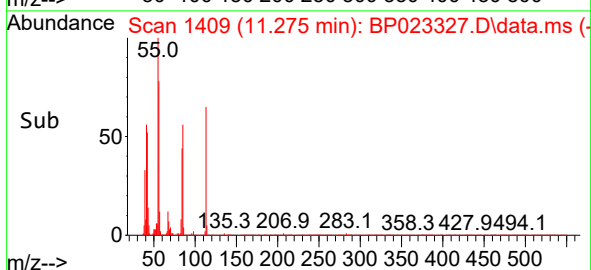
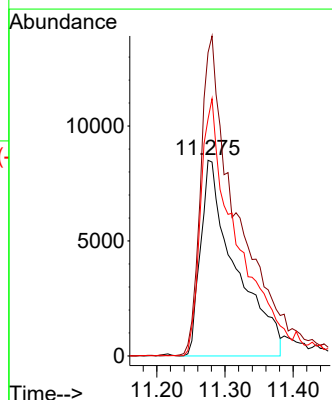
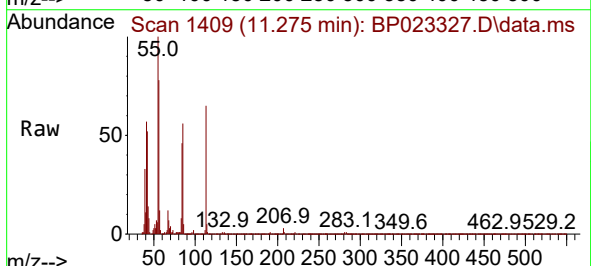
Tgt Ion:113 Resp: 30198

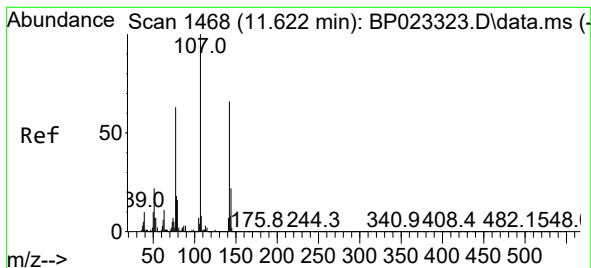
Ion Ratio Lower Upper

113 100

55 155.0 127.5 191.3

56 121.1 100.7 151.1

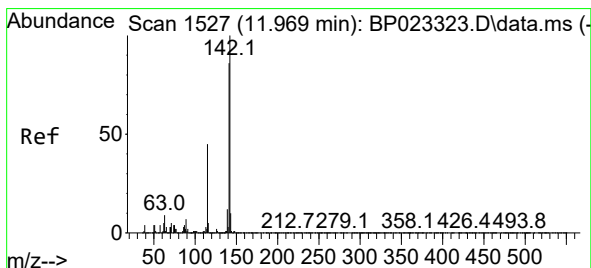
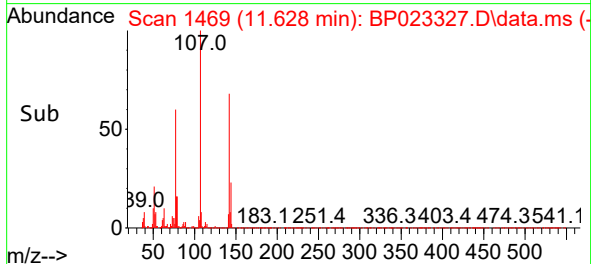
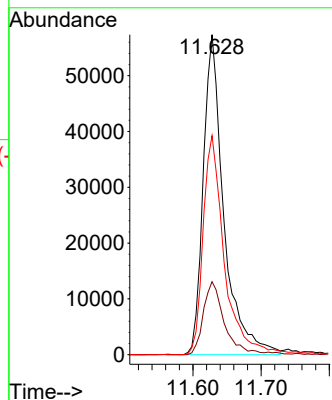
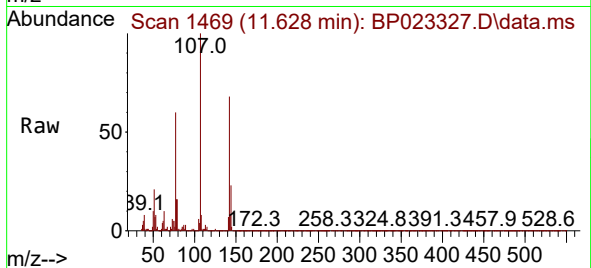




#35
4-Chloro-3-methylphenol
Concen: 21.824 ng/ul
RT: 11.628 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

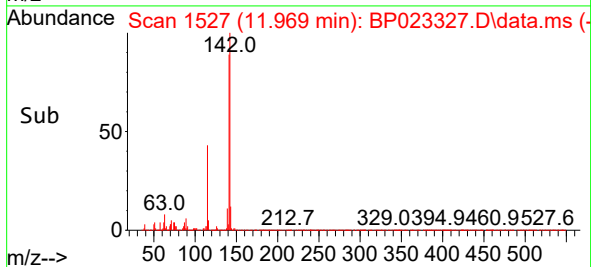
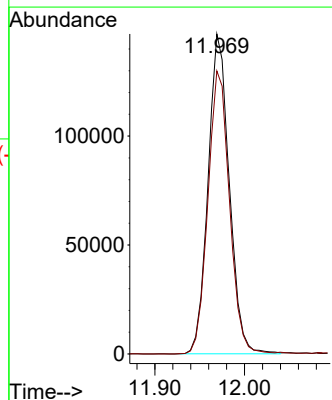
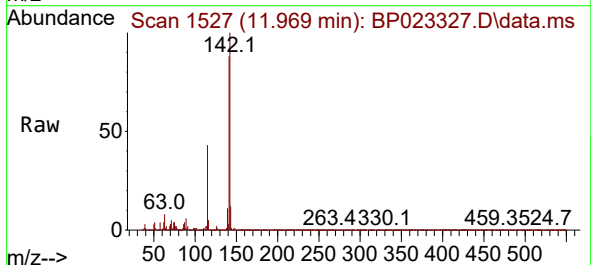
Instrument :
BNA_P
ClientSampleId :
SICV641

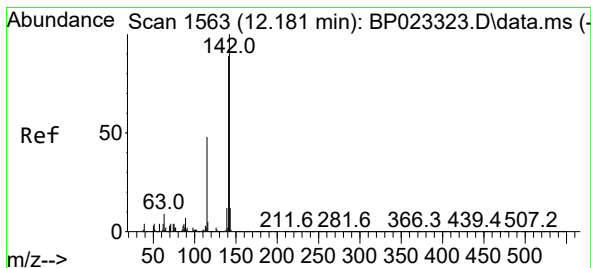
Tgt Ion:107 Resp: 120351
Ion Ratio Lower Upper
107 100
144 22.8 17.9 26.9
142 68.4 53.0 79.4



#36
2-Methylnaphthalene
Concen: 22.007 ng/ul
RT: 11.969 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:142 Resp: 241028
Ion Ratio Lower Upper
142 100
141 88.5 69.0 103.6





#37

1-Methylnaphthalene

Concen: 20.361 ng/ul

RT: 12.187 min Scan# 1563

Delta R.T. 0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

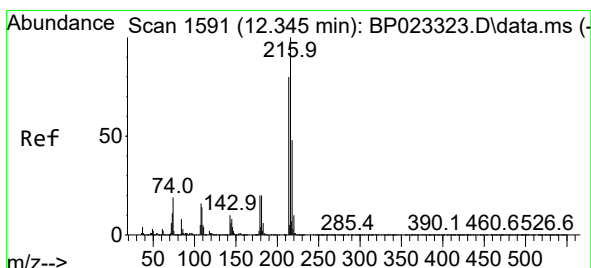
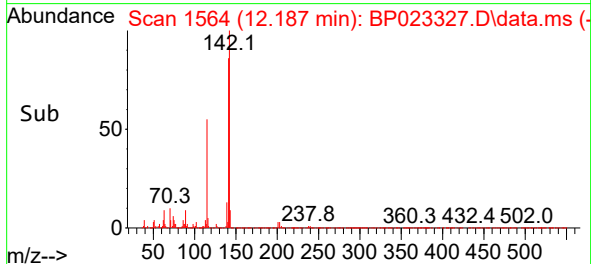
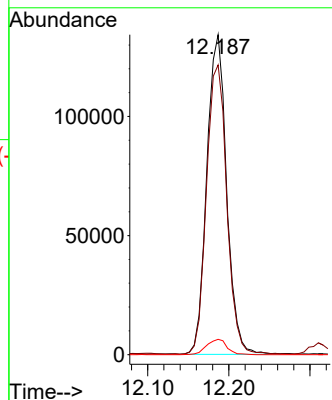
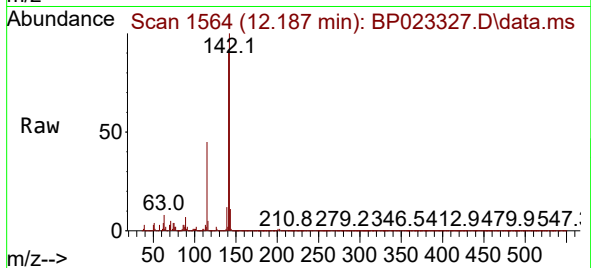
Tgt Ion:142 Resp: 227248

Ion Ratio Lower Upper

142 100

141 90.5 71.1 106.7

116 4.8 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.217 ng/ul

RT: 12.346 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Tgt Ion:216 Resp: 172333

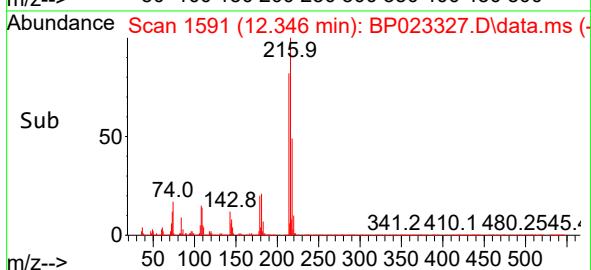
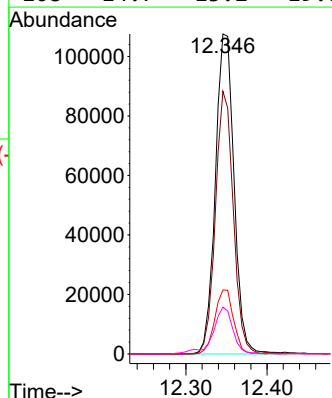
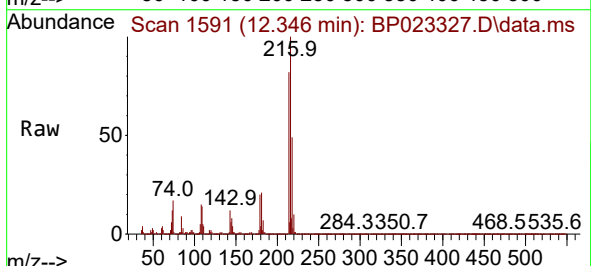
Ion Ratio Lower Upper

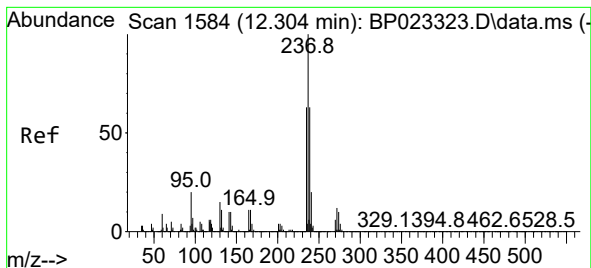
216 100

214 82.1 64.4 96.6

179 20.0 16.4 24.6

108 14.7 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 17.451 ng/ul

RT: 12.310 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

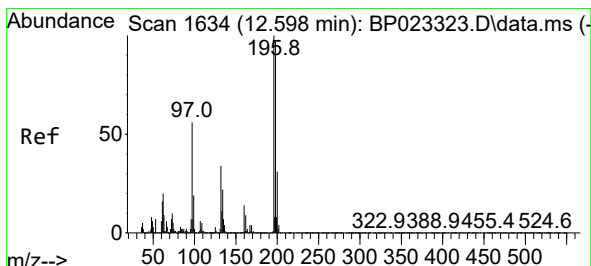
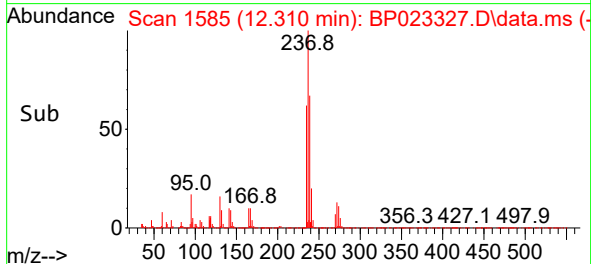
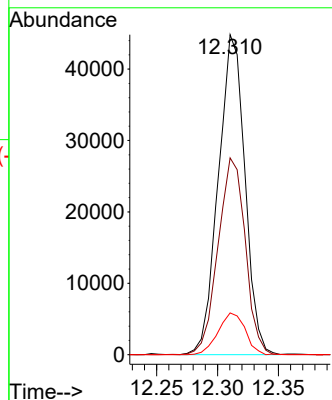
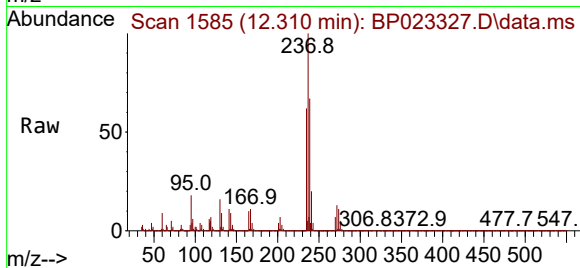
Tgt Ion:237 Resp: 68106

Ion Ratio Lower Upper

237 100

235 61.5 50.5 75.7

272 13.7 9.5 14.3



#41

2,4,6-Trichlorophenol

Concen: 21.595 ng/ul

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

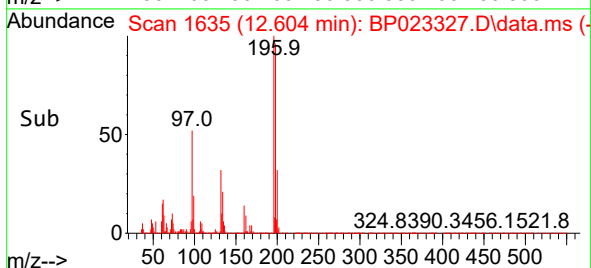
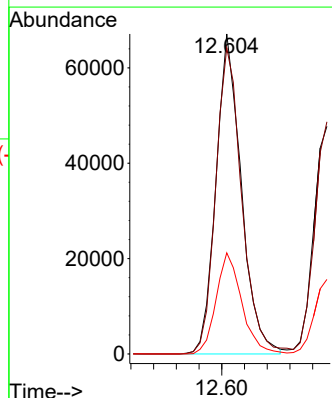
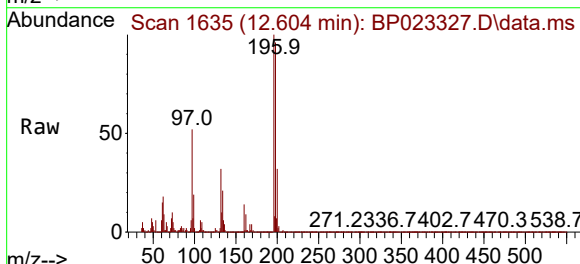
Tgt Ion:196 Resp: 103803

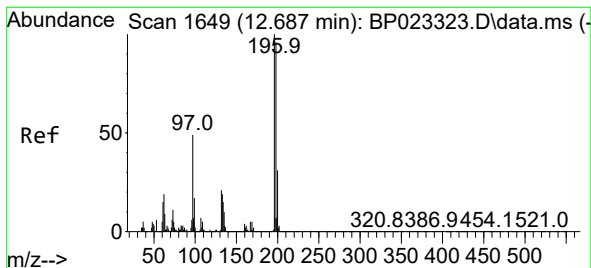
Ion Ratio Lower Upper

196 100

198 95.7 77.5 116.3

200 31.6 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 21.879 ng/ul

RT: 12.698 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

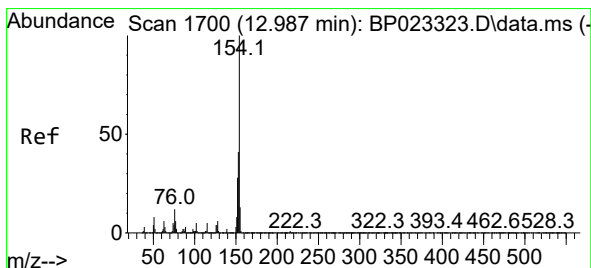
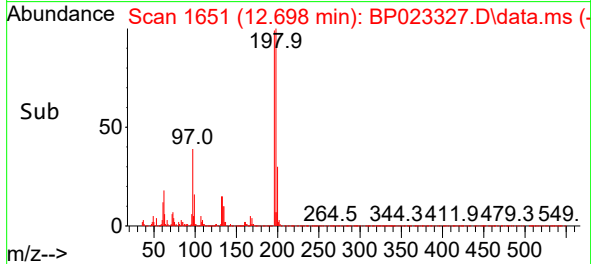
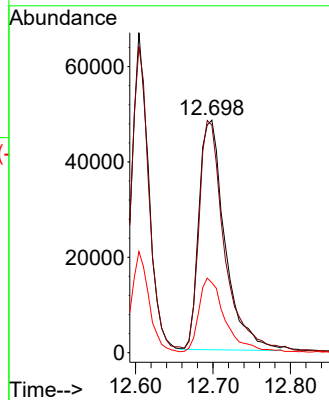
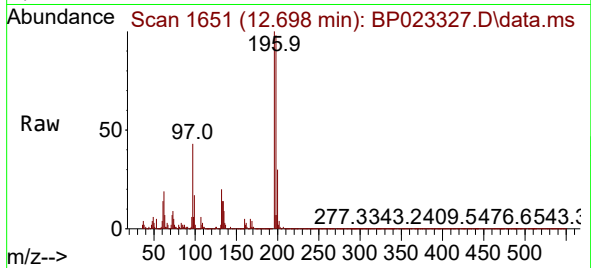
Tgt Ion:196 Resp: 112364

Ion Ratio Lower Upper

196 100

198 97.9 76.3 114.5

200 30.1 24.6 36.8



#43

1,1'-Biphenyl

Concen: 21.593 ng/ul

RT: 12.993 min Scan# 1701

Delta R.T. 0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

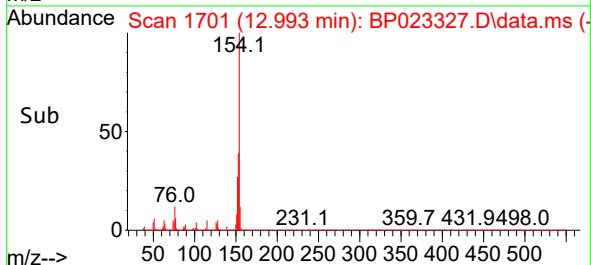
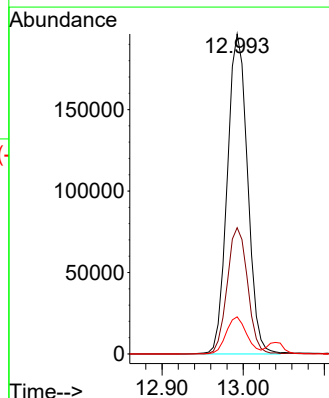
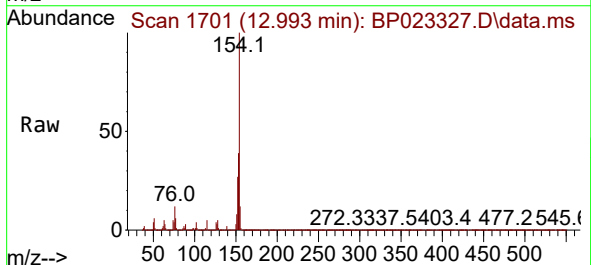
Tgt Ion:154 Resp: 340533

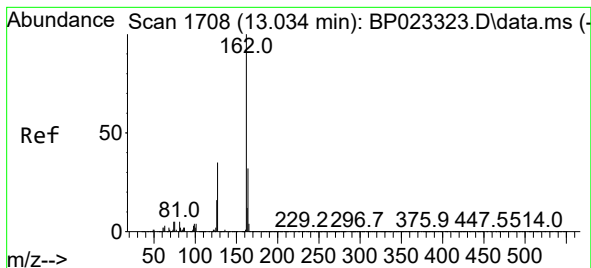
Ion Ratio Lower Upper

154 100

153 39.4 32.8 49.2

76 11.6 10.0 15.0





#44

2-Chloronaphthalene

Concen: 21.558 ng/ul

RT: 13.040 min Scan# 1709

Delta R.T. 0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

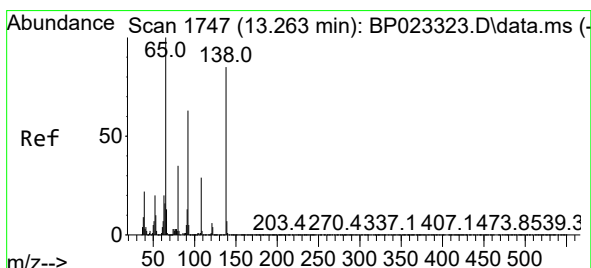
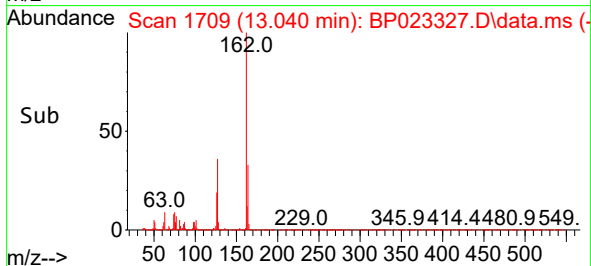
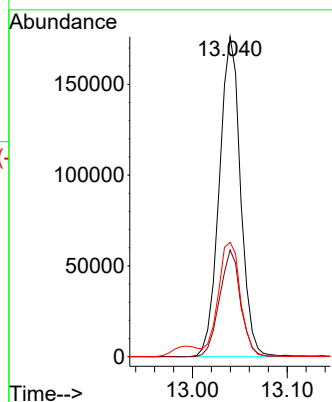
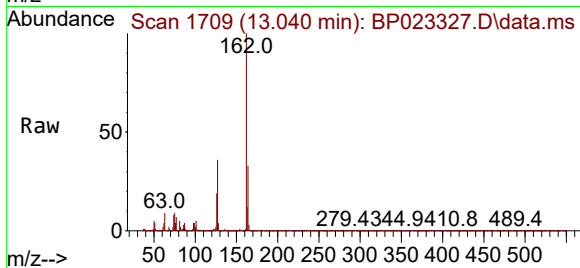
Tgt Ion:162 Resp: 275010

Ion Ratio Lower Upper

162 100

164 33.4 25.8 38.6

127 35.7 31.2 46.8



#45

2-Nitroaniline

Concen: 21.486 ng/ul

RT: 13.263 min Scan# 1747

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

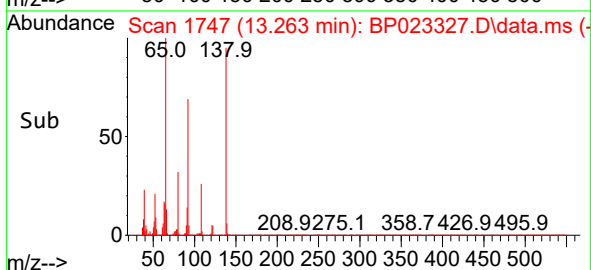
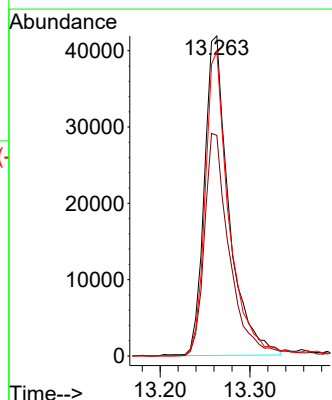
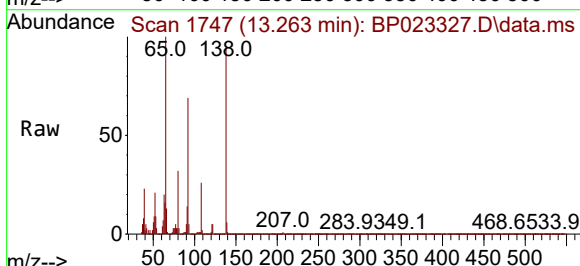
Tgt Ion: 65 Resp: 79411

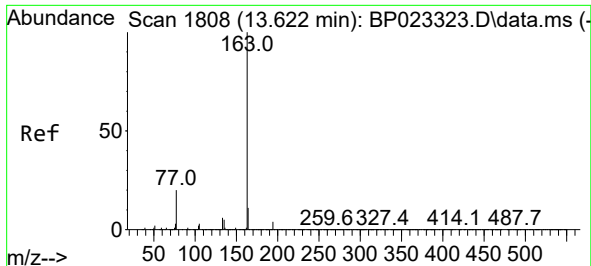
Ion Ratio Lower Upper

65 100

92 68.9 50.5 75.7

138 95.2 68.0 102.0

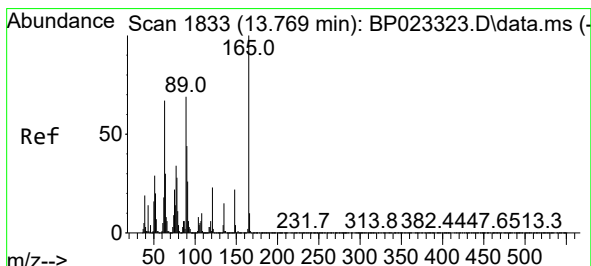
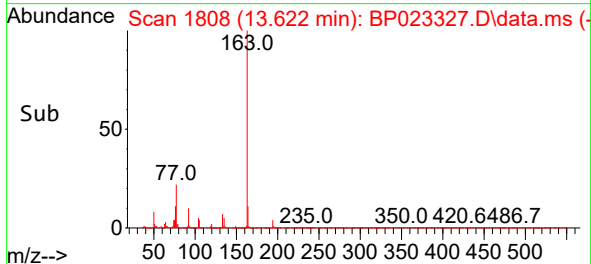
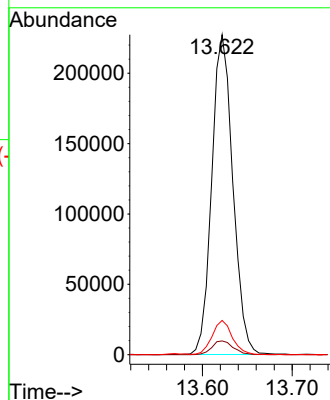
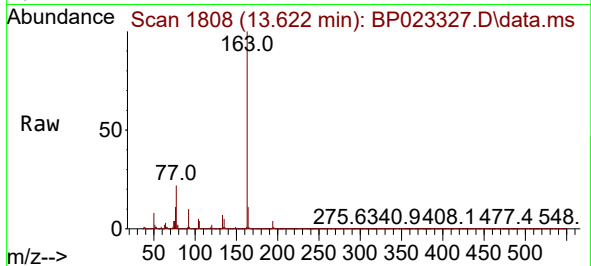




#47
Dimethylphthalate
Concen: 21.802 ng/ul
RT: 13.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

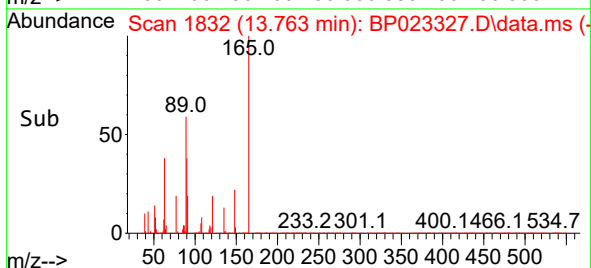
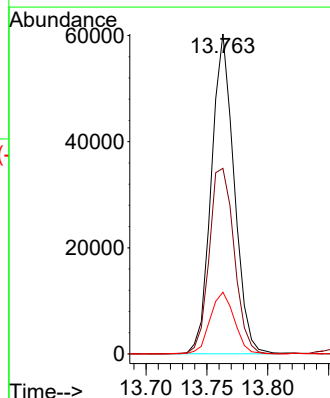
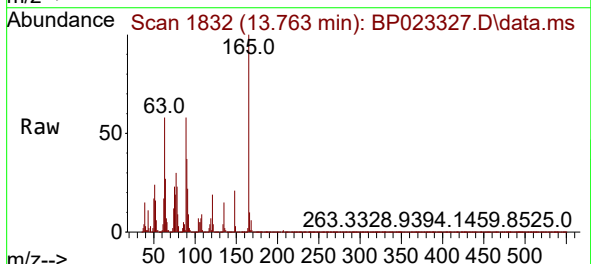
Instrument :
BNA_P
ClientSampleId :
SICV641

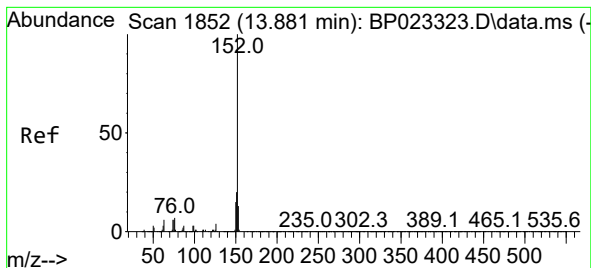
Tgt Ion:163 Resp: 371082
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.7 8.6 13.0



#48
2,6-Dinitrotoluene
Concen: 24.040 ng/ul
RT: 13.763 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:165 Resp: 78404
Ion Ratio Lower Upper
165 100
89 58.0 55.4 83.0
121 19.3 18.2 27.2





#50

Acenaphthylene

Concen: 22.484 ng/ul

RT: 13.881 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

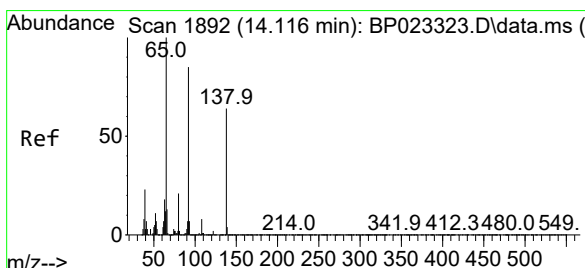
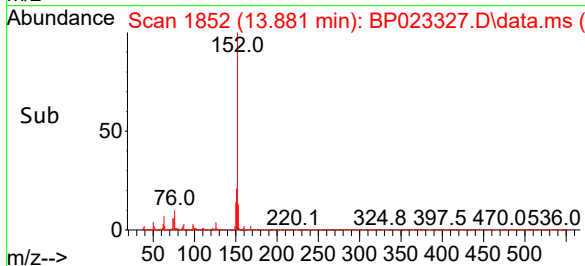
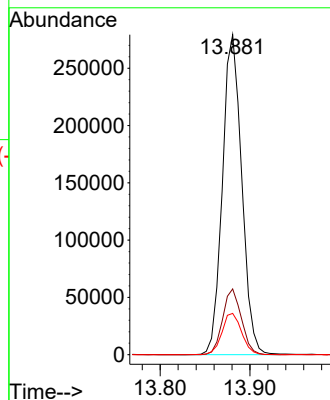
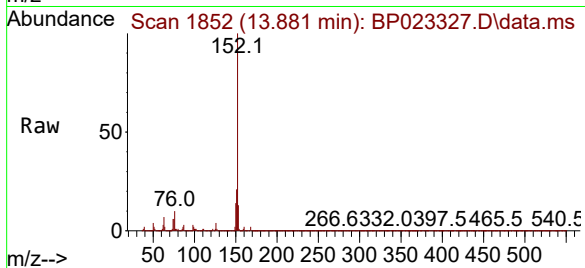
Tgt Ion:152 Resp: 417303

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

153 12.9 10.5 15.7



#51

3-Nitroaniline

Concen: 24.944 ng/ul

RT: 14.116 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

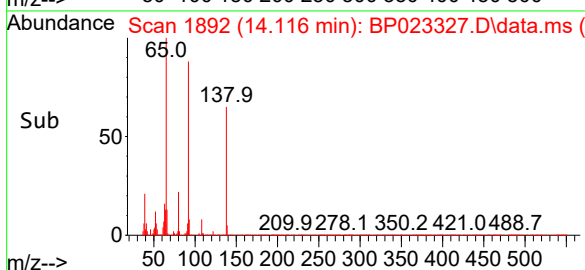
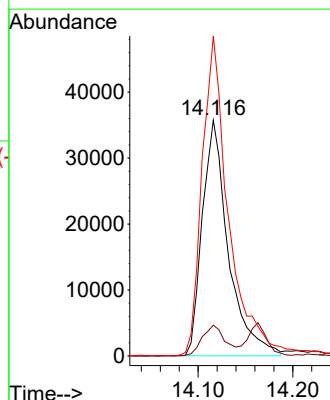
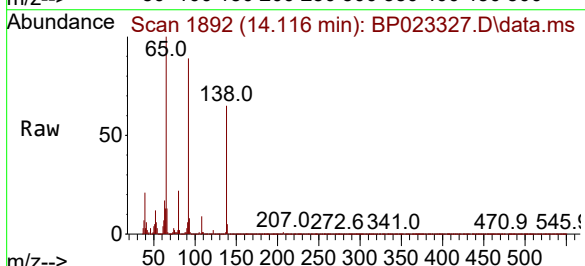
Tgt Ion:138 Resp: 68183

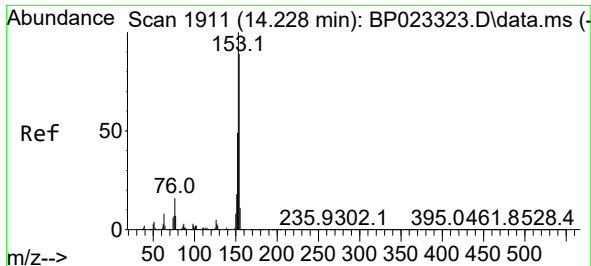
Ion Ratio Lower Upper

138 100

108 13.0 9.8 14.8

92 135.7 105.8 158.8

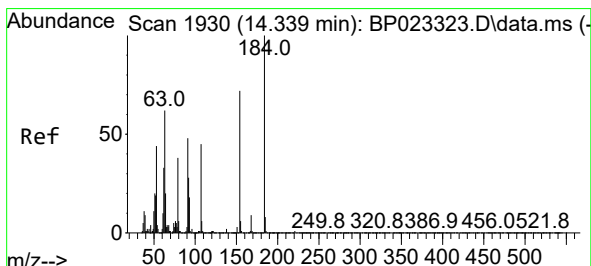
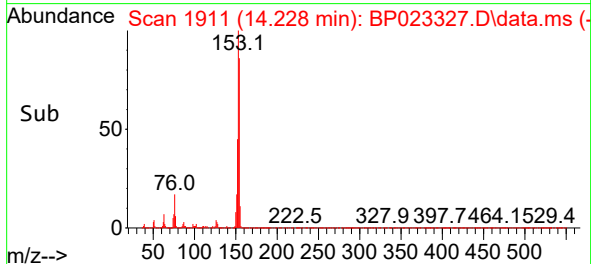
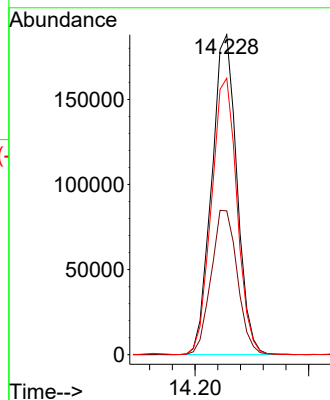
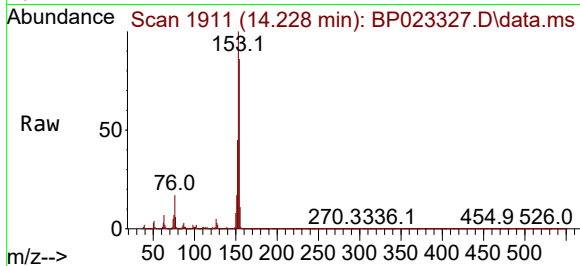




#52
Acenaphthene
Concen: 21.376 ng/ul
RT: 14.228 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

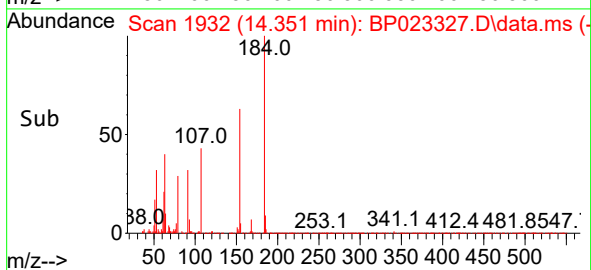
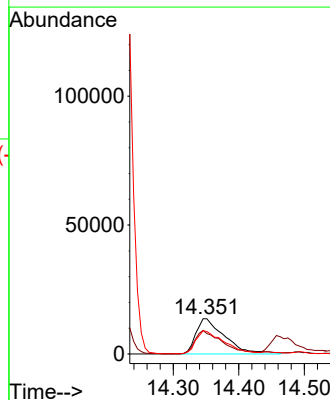
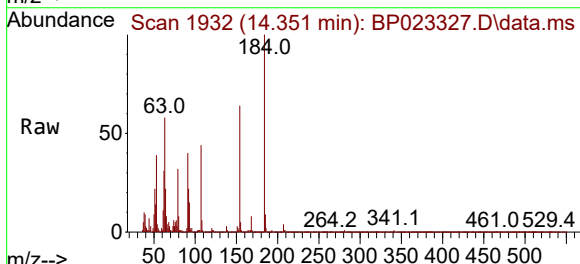
Instrument :
BNA_P
ClientSampleId :
SICV641

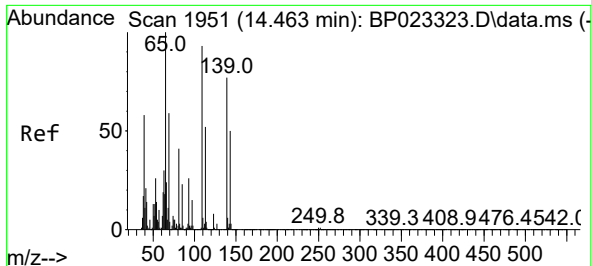
Tgt Ion:153 Resp: 289986
Ion Ratio Lower Upper
153 100
152 44.9 39.0 58.6
154 86.4 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 19.867 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:184 Resp: 41783
Ion Ratio Lower Upper
184 100
63 58.0 50.4 75.6
154 63.6 57.9 86.9

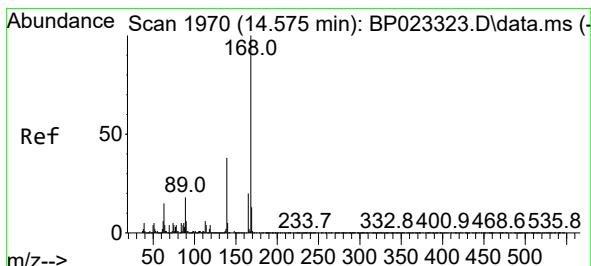
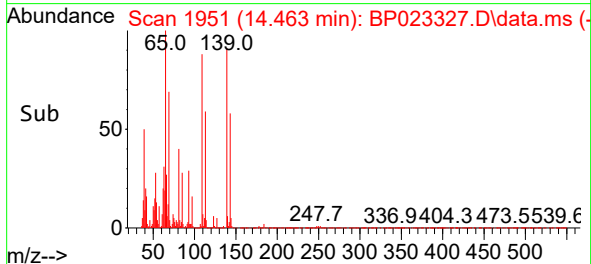
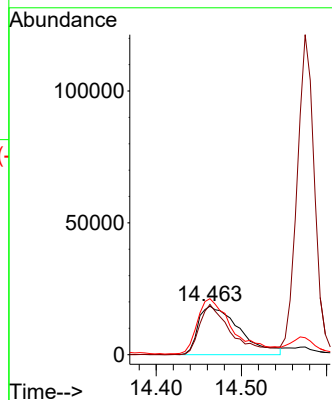
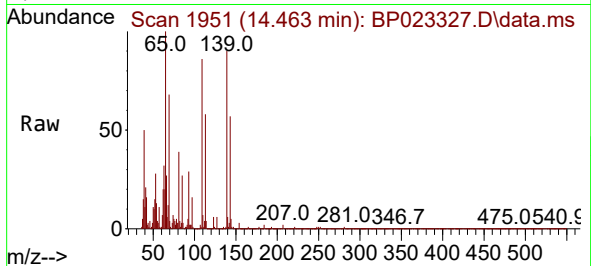




#55
4-Nitrophenol
Concen: 21.449 ng/ul
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

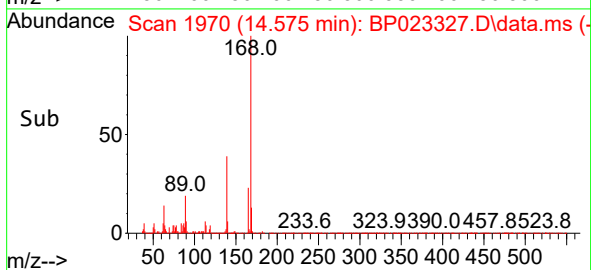
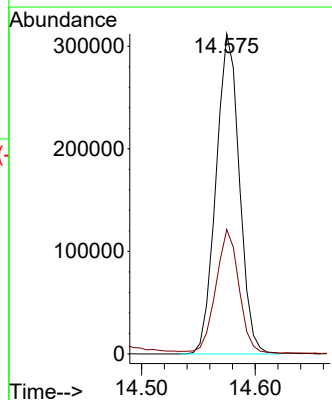
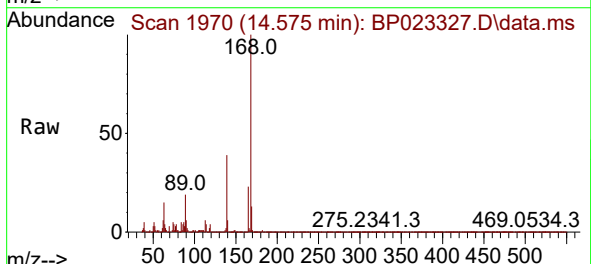
Instrument :
BNA_P
ClientSampleId :
SICV641

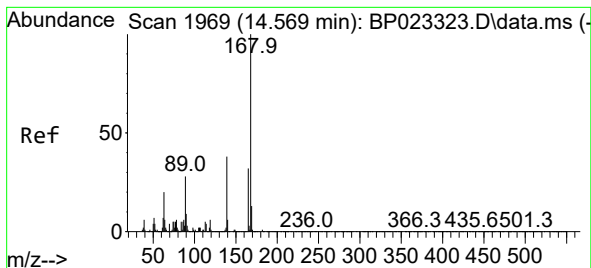
Tgt Ion:109 Resp: 61184
Ion Ratio Lower Upper
109 100
139 103.7 66.7 100.1#
65 115.8 86.1 129.1



#56
Dibenzofuran
Concen: 21.673 ng/ul
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:168 Resp: 446524
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.4

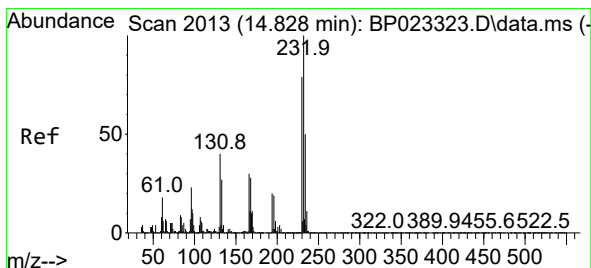
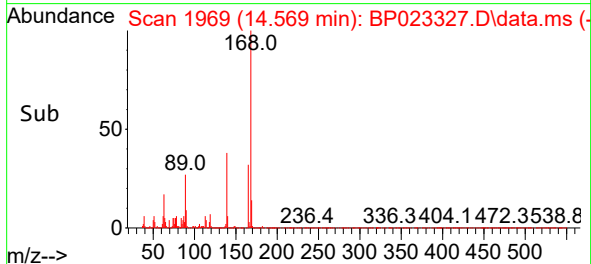
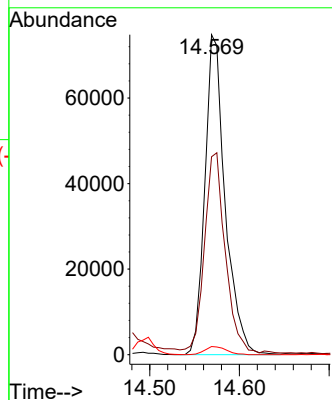
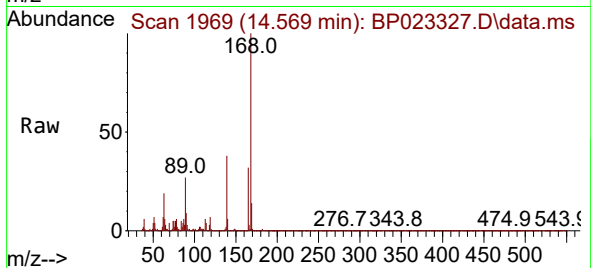




#57
2,4-Dinitrotoluene
Concen: 22.341 ng/ul
RT: 14.569 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

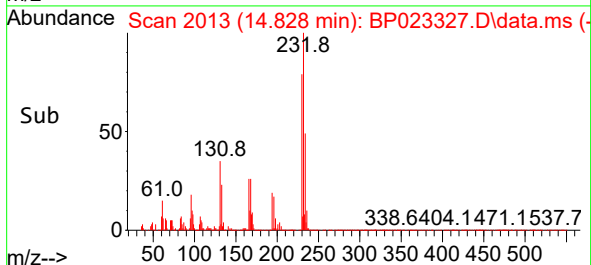
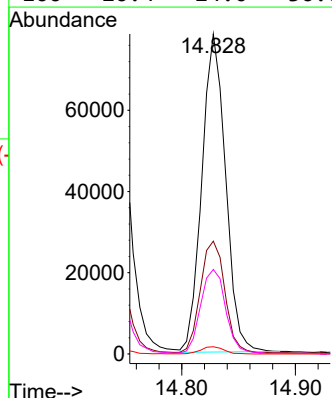
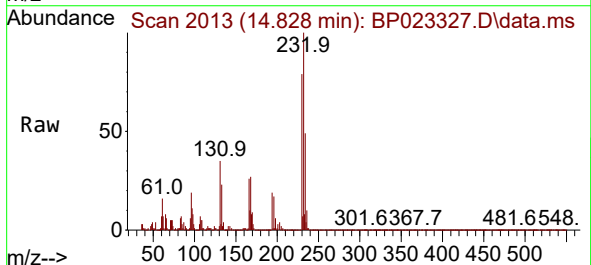
Instrument :
BNA_P
ClientSampleId :
SICV641

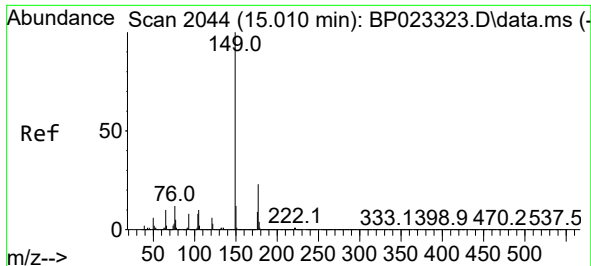
Tgt Ion:165 Resp: 117409
Ion Ratio Lower Upper
165 100
63 61.9 52.2 78.2
182 2.6 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.272 ng/ul
RT: 14.828 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:232 Resp: 113553
Ion Ratio Lower Upper
232 100
131 35.2 32.2 48.2
130 2.3 2.1 3.1
166 26.4 24.0 36.0

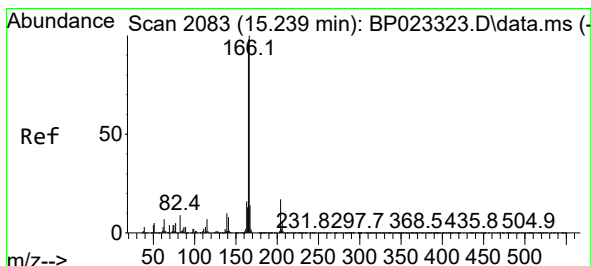
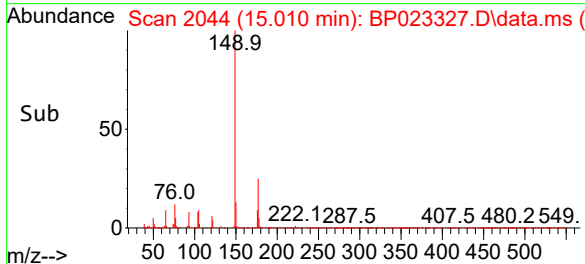
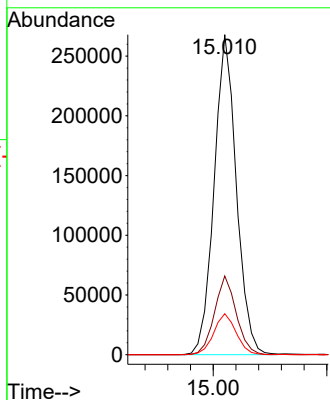
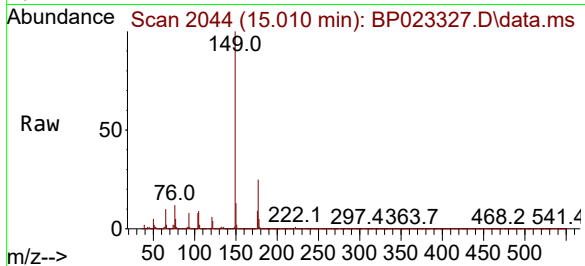




#59
Diethylphthalate
Concen: 21.399 ng/ul
RT: 15.010 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

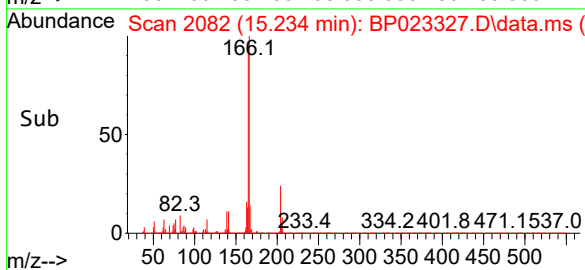
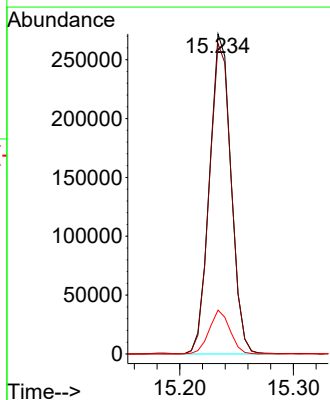
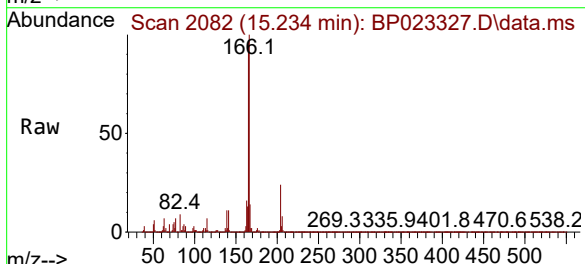
Instrument :
BNA_P
ClientSampleId :
SICV641

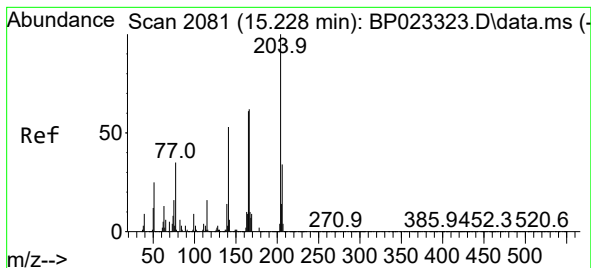
Tgt Ion:149 Resp: 363245
Ion Ratio Lower Upper
149 100
177 24.6 18.4 27.6
150 12.8 9.8 14.8



#61
Fluorene
Concen: 21.300 ng/ul
RT: 15.234 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:166 Resp: 357312
Ion Ratio Lower Upper
166 100
165 97.0 78.5 117.7
167 13.7 11.1 16.7

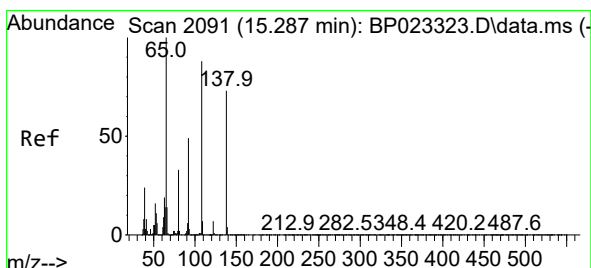
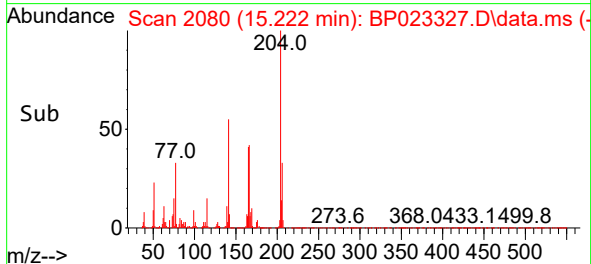
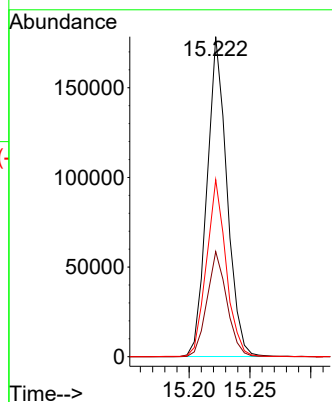
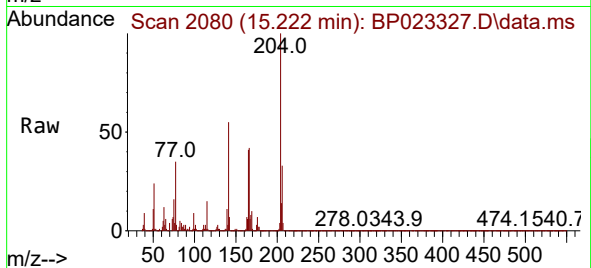




#62
4-Chlorophenyl-phenylether
Concen: 20.916 ng/ul
RT: 15.222 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

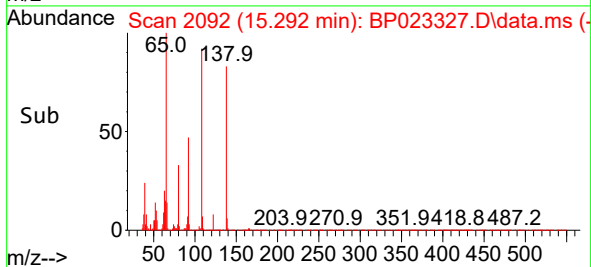
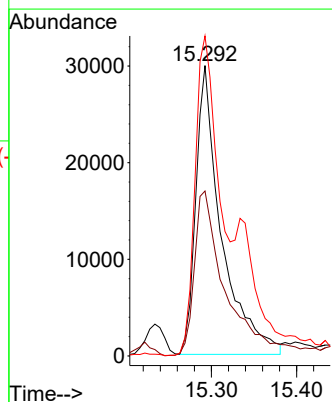
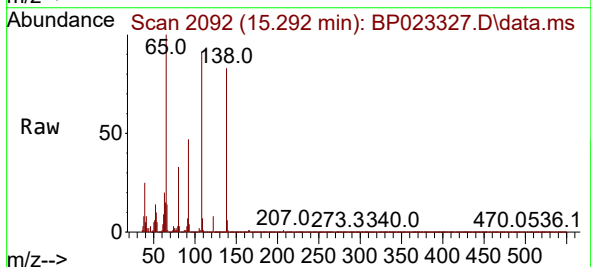
Instrument :
BNA_P
ClientSampleId :
SICV641

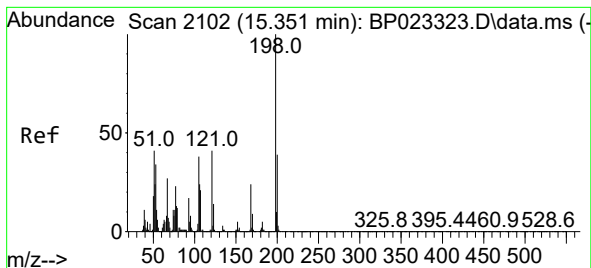
Tgt Ion:204 Resp: 203503
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 55.3 42.4 63.6



#63
4-Nitroaniline
Concen: 25.823 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:138 Resp: 62082
Ion Ratio Lower Upper
138 100
92 56.8 53.0 79.4
108 110.2 96.2 144.2

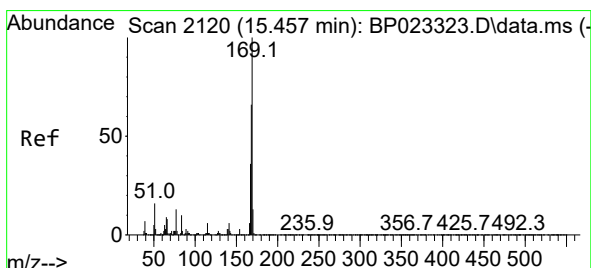
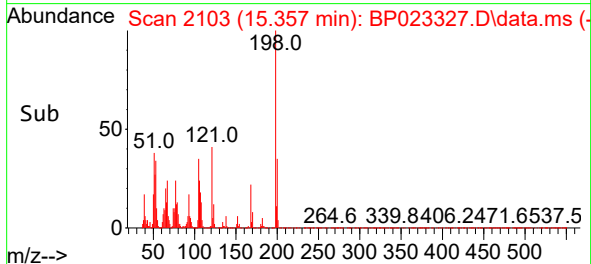
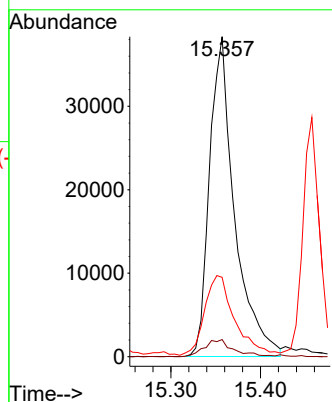
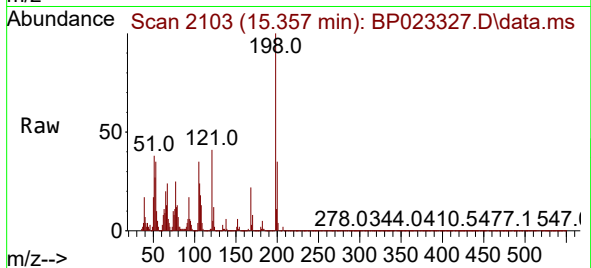




#66
4,6-Dinitro-2-methylphenol
Concen: 21.549 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

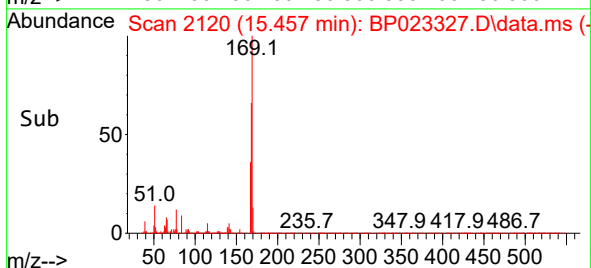
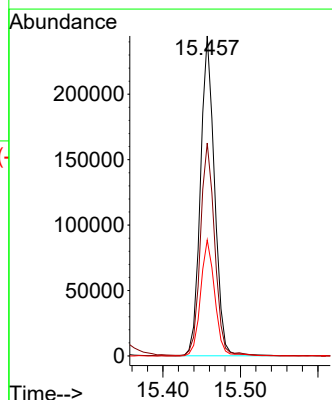
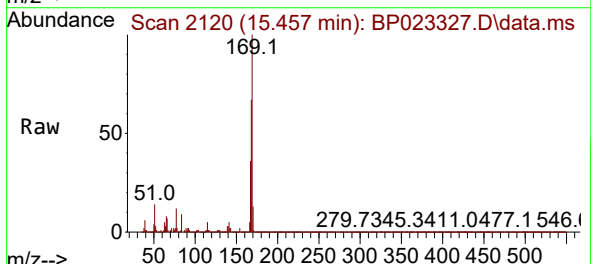
Instrument :
BNA_P
ClientSampleId :
SICV641

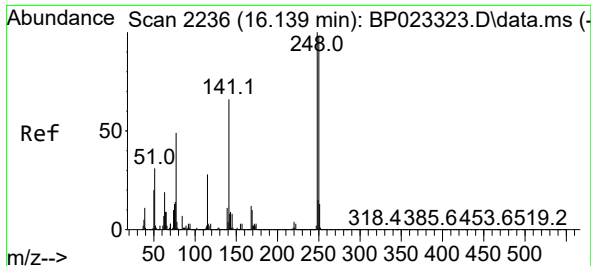
Tgt Ion:198 Resp: 74264
Ion Ratio Lower Upper
198 100
182 5.4 3.7 5.5
77 24.8 19.1 28.7



#67
N-Nitrosodiphenylamine
Concen: 22.475 ng/ul
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:169 Resp: 308513
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.3 28.6 42.8

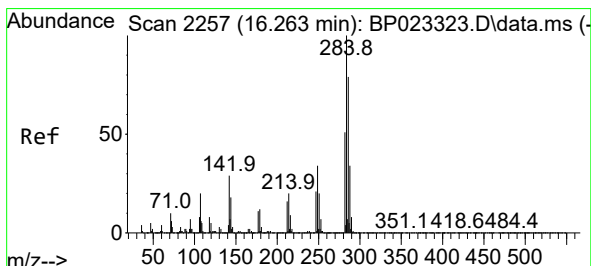
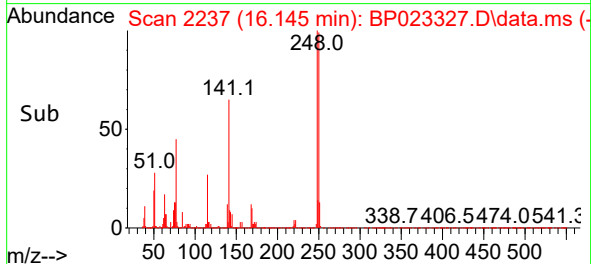
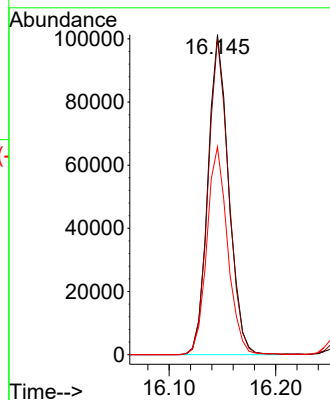
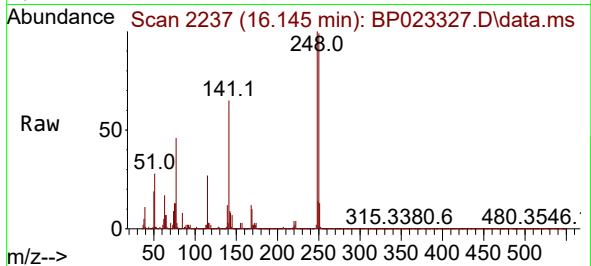




#68
4-Bromophenyl-phenylether
Concen: 21.556 ng/ul
RT: 16.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

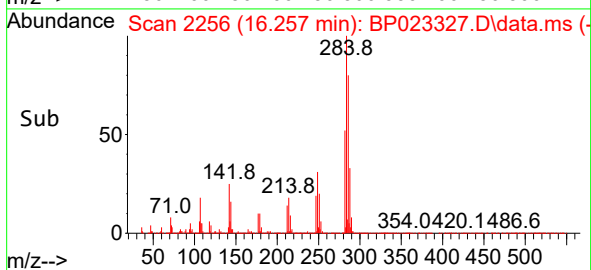
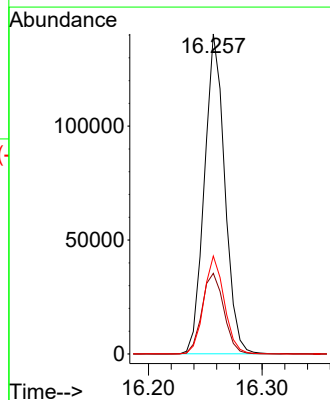
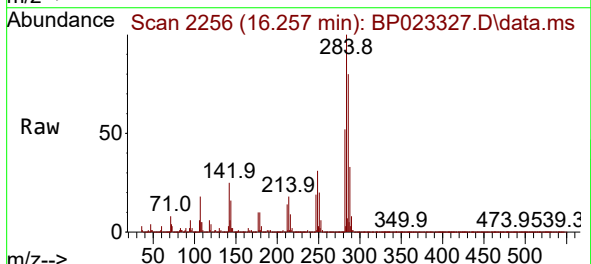
Instrument :
BNA_P
ClientSampleId :
SICV641

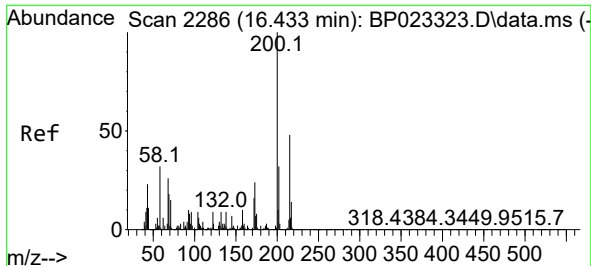
Tgt Ion:248 Resp: 136787
Ion Ratio Lower Upper
248 100
250 98.9 78.5 117.7
141 65.0 52.5 78.7



#69
Hexachlorobenzene
Concen: 22.424 ng/ul
RT: 16.257 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:284 Resp: 174318
Ion Ratio Lower Upper
284 100
142 25.2 23.3 34.9
249 30.6 27.2 40.8

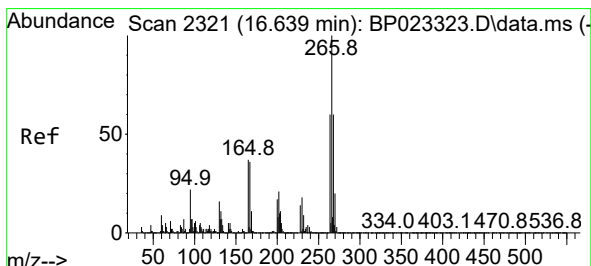
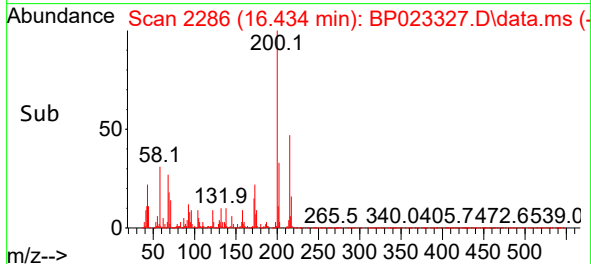
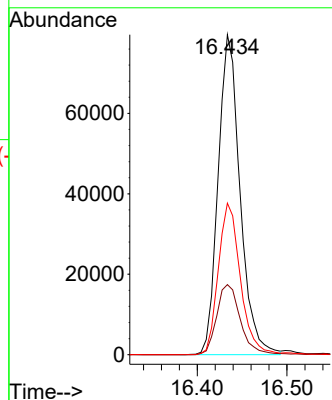
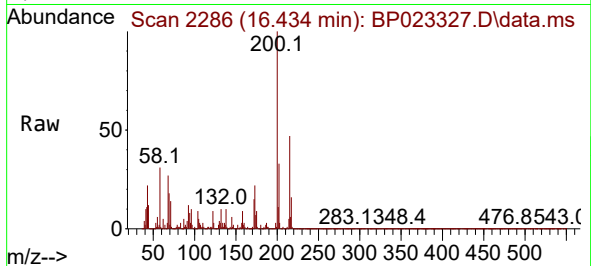




#70
Atrazine
Concen: 22.592 ng/ul
RT: 16.434 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

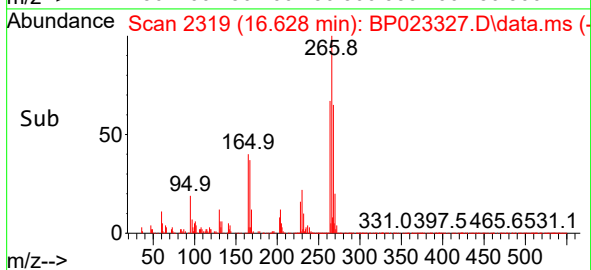
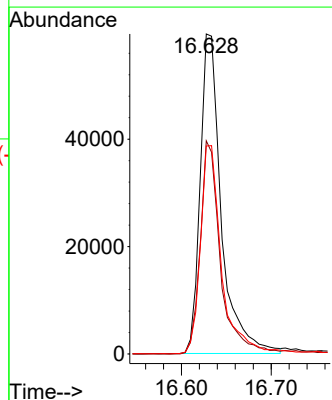
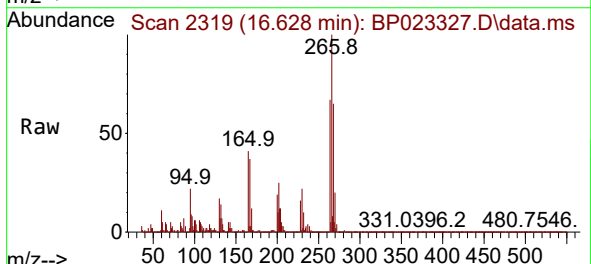
Instrument :
BNA_P
ClientSampleId :
SICV641

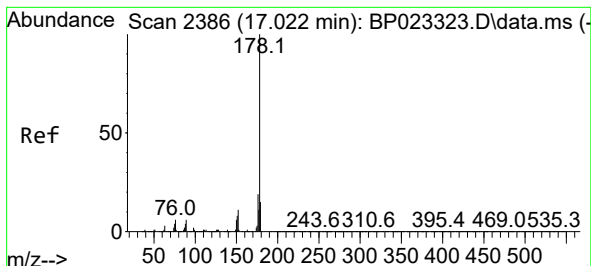
Tgt Ion:200 Resp: 134943
Ion Ratio Lower Upper
200 100
173 21.9 18.9 28.3
215 47.4 38.0 57.0



#71
Pentachlorophenol
Concen: 21.493 ng/ul
RT: 16.628 min Scan# 2319
Delta R.T. -0.012 min
Lab File: BP023327.D
Acq: 26 Nov 2024 18:20

Tgt Ion:266 Resp: 97524
Ion Ratio Lower Upper
266 100
264 66.6 47.9 71.9
268 65.0 48.2 72.4





#72

Phenanthrene

Concen: 22.011 ng/ul

RT: 17.010 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

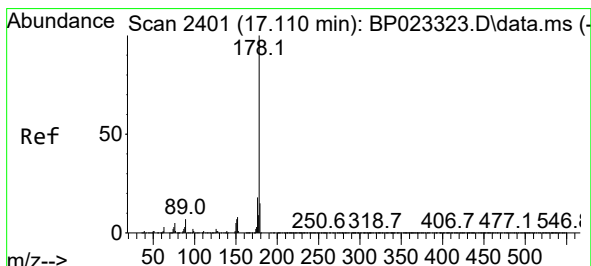
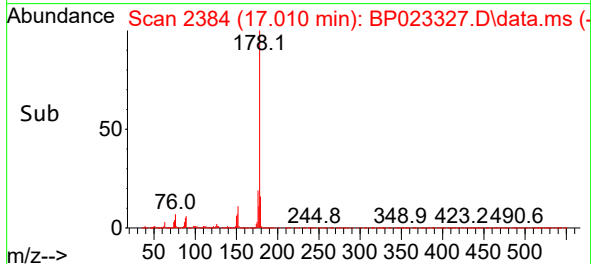
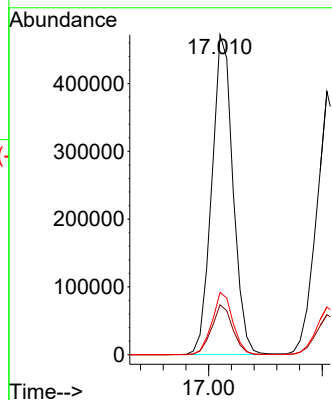
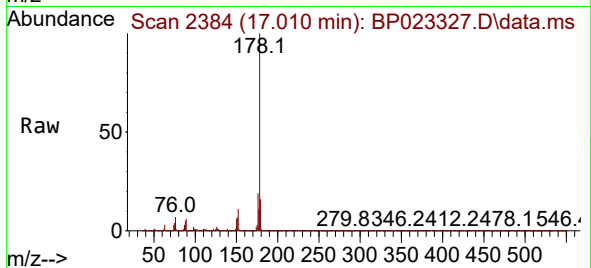
Tgt Ion:178 Resp: 611682

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 19.5 15.4 23.0



#74

Anthracene

Concen: 22.097 ng/ul

RT: 17.104 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

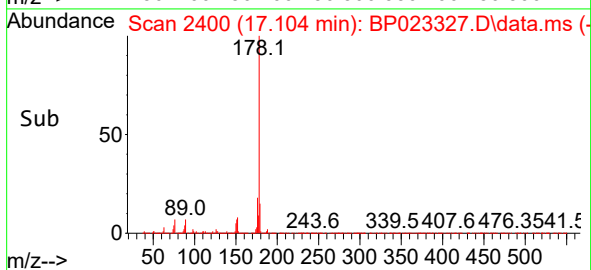
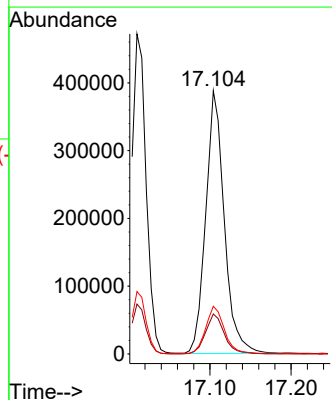
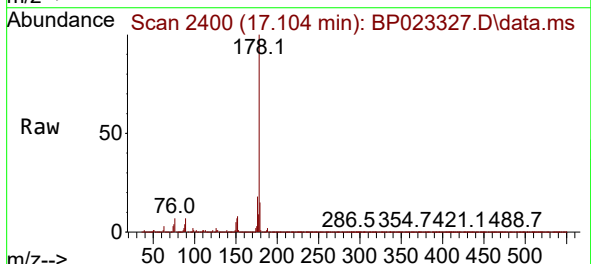
Tgt Ion:178 Resp: 614003

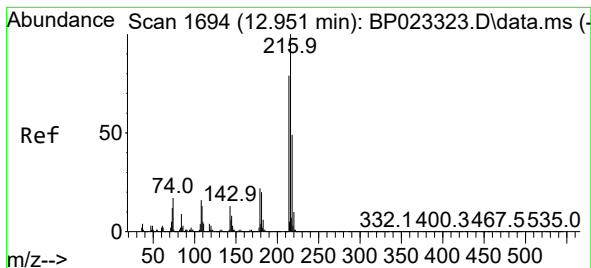
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.1 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.384 ng/uL

RT: 12.957 min Scan# 1695

Delta R.T. 0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

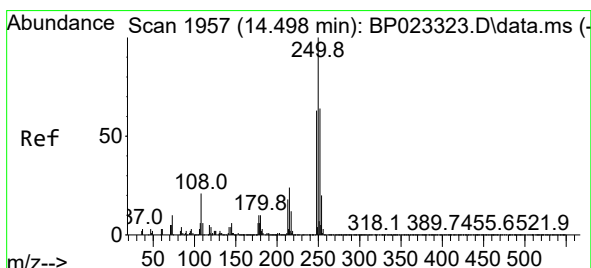
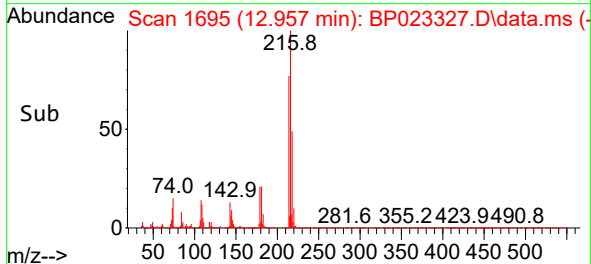
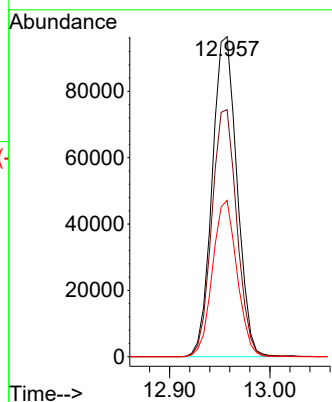
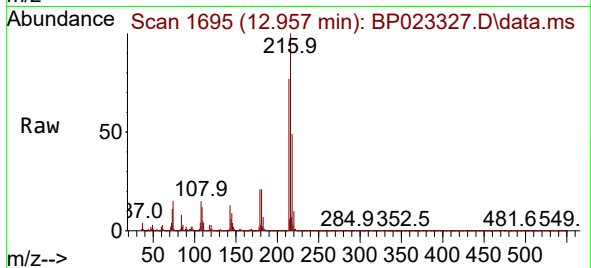
Tgt Ion:216 Resp: 165685

Ion Ratio Lower Upper

216 100

214 77.2 62.9 94.3

218 48.8 39.2 58.8



#76

Pentachlorobenzene

Concen: 21.879 ng/uL

RT: 14.492 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

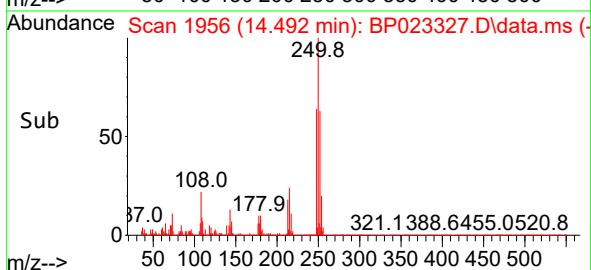
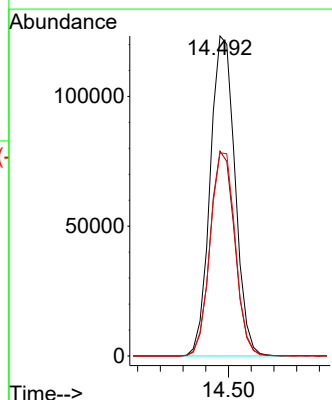
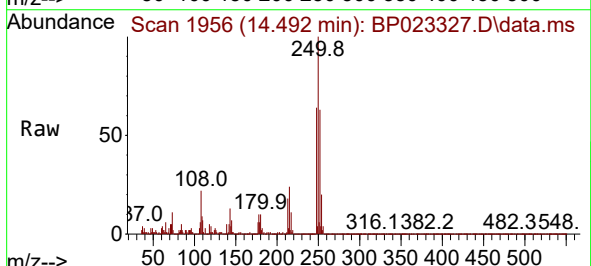
Tgt Ion:250 Resp: 186857

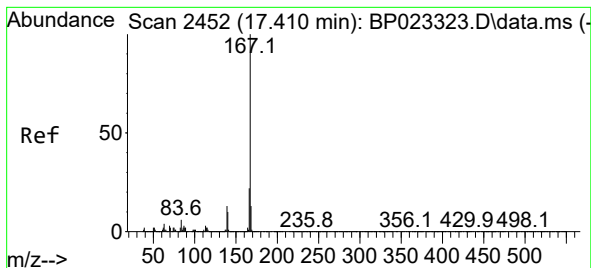
Ion Ratio Lower Upper

250 100

248 64.0 50.1 75.1

252 63.5 51.0 76.4





#77

Carbazole

Concen: 23.558 ng/ul

RT: 17.398 min Scan# 2452

Delta R.T. -0.012 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

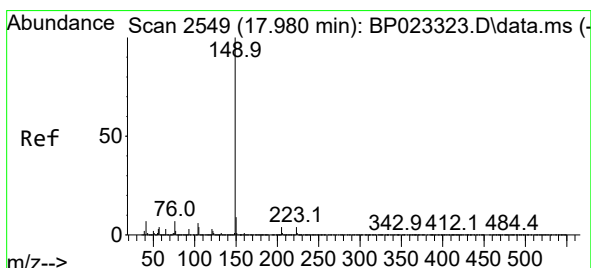
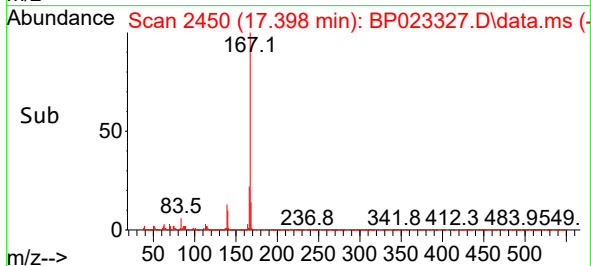
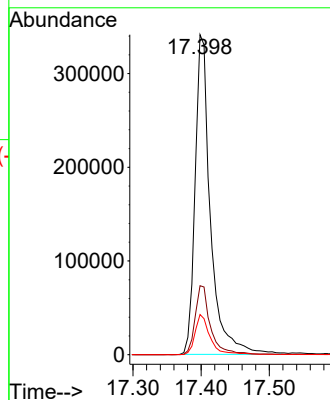
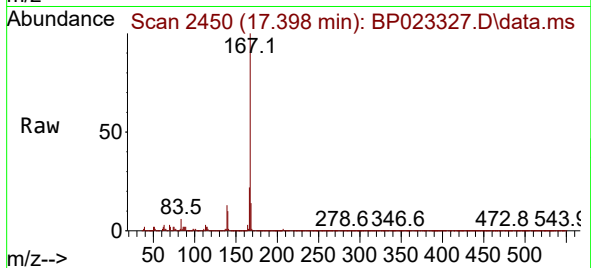
Tgt Ion:167 Resp: 533301

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.5 10.3 15.5



#78

Di-n-butylphthalate

Concen: 21.952 ng/ul

RT: 17.981 min Scan# 2549

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

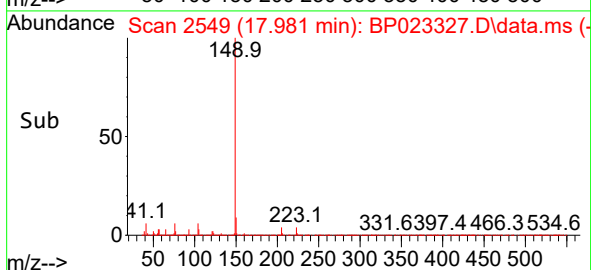
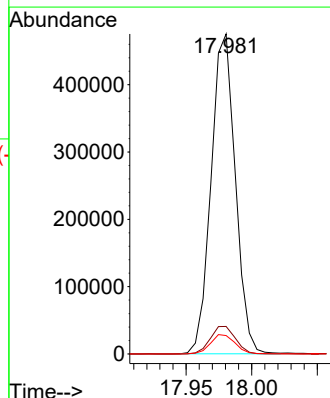
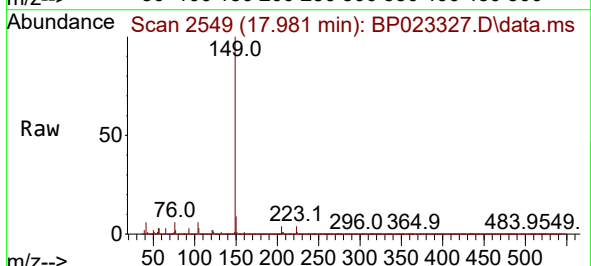
Tgt Ion:149 Resp: 610616

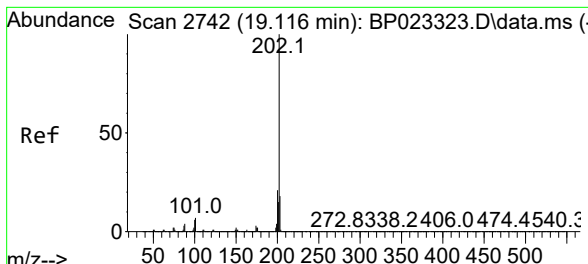
Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.0

104 5.8 5.2 7.8

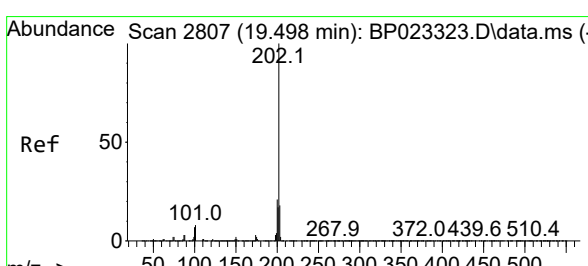
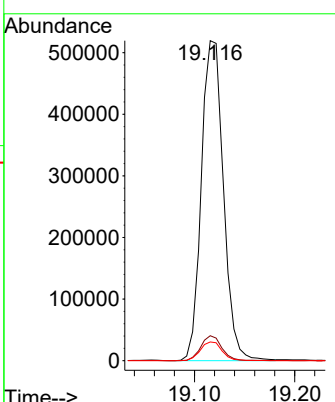
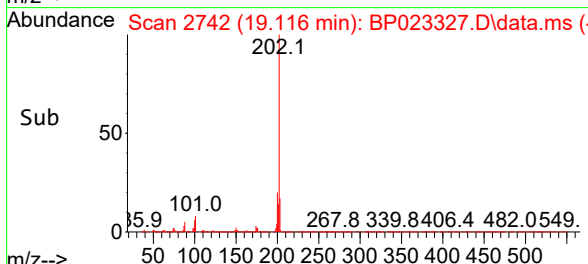
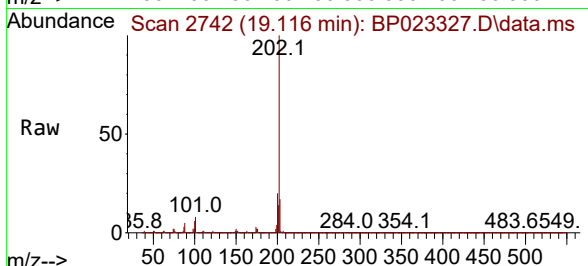




#80
 Fluoranthene
 Concen: 21.183 ng/ul
 RT: 19.116 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP023327.D
 Acq: 26 Nov 2024 18:20

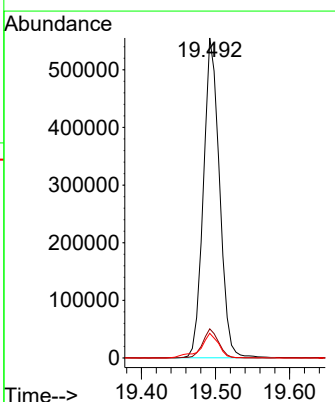
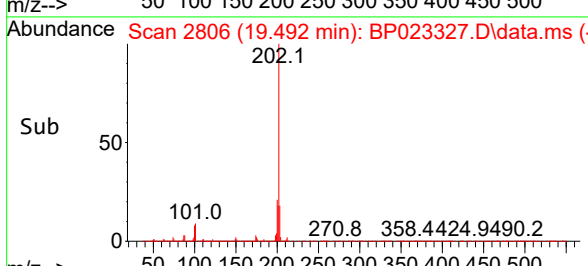
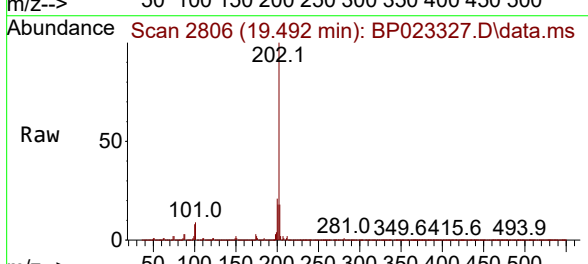
Instrument :
 BNA_P
 ClientSampleId :
 SICV641

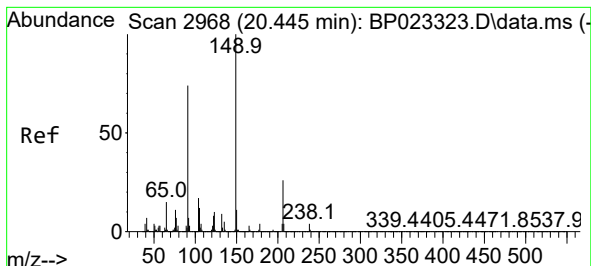
Tgt Ion:	202	Resp:	796780
Ion Ratio	Lower	Upper	
202	100		
101	7.8	5.6	8.4
100	5.9	4.6	7.0



#82
 Pyrene
 Concen: 21.006 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. -0.006 min
 Lab File: BP023327.D
 Acq: 26 Nov 2024 18:20

Tgt Ion:	202	Resp:	838425
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.7	10.1
100	7.7	5.8	8.8





#83

Butylbenzylphthalate

Concen: 22.213 ng/ul

RT: 20.439 min Scan# 2968

Delta R.T. -0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

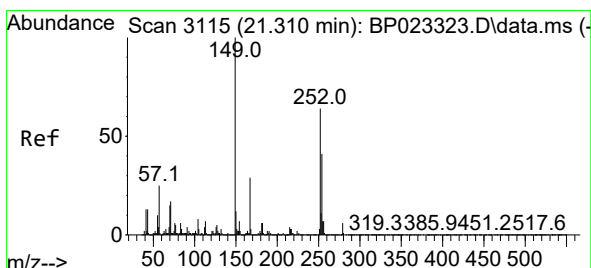
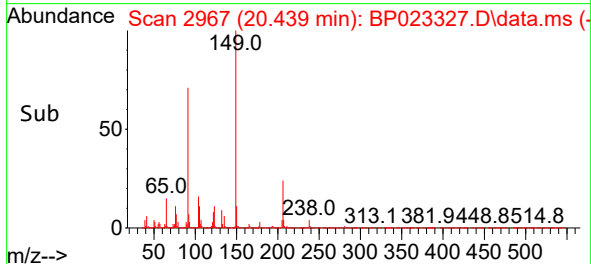
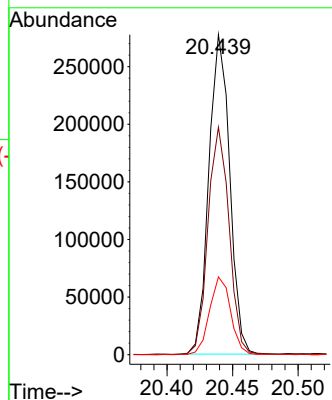
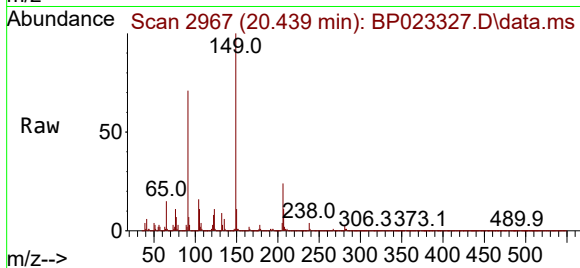
Tgt Ion:149 Resp: 307076

Ion Ratio Lower Upper

149 100

91 71.1 59.0 88.4

206 24.3 20.7 31.1



#84

3,3'-Dichlorobenzidine

Concen: 24.040 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

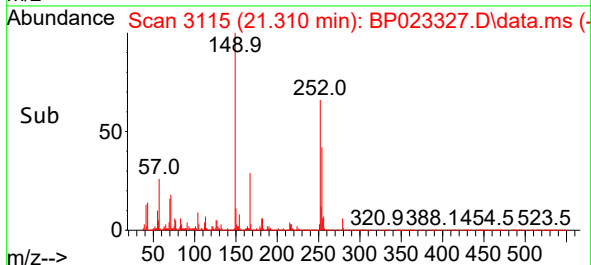
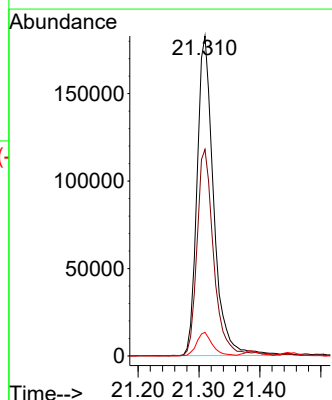
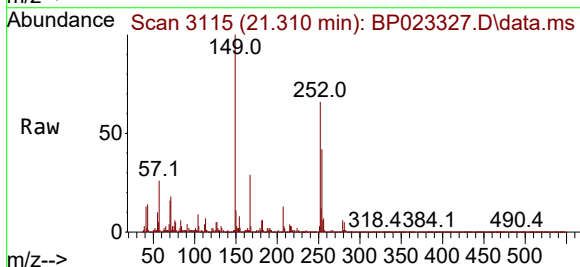
Tgt Ion:252 Resp: 346575

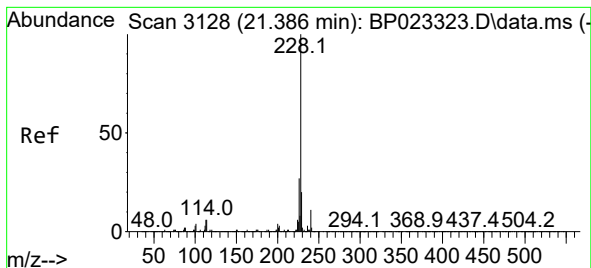
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.8

126 7.4 5.0 7.6





#85

Benzo(a)anthracene

Concen: 21.654 ng/ul

RT: 21.386 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

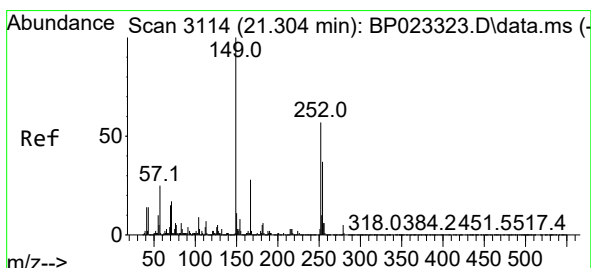
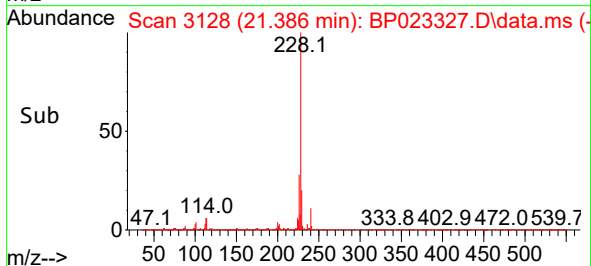
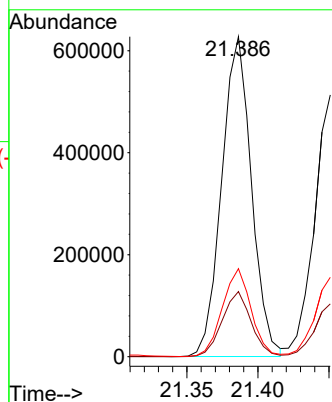
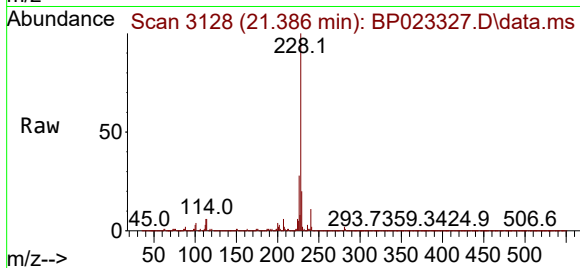
Tgt Ion:228 Resp: 912296

Ion Ratio Lower Upper

228 100

229 20.3 15.7 23.5

226 27.5 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.143 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

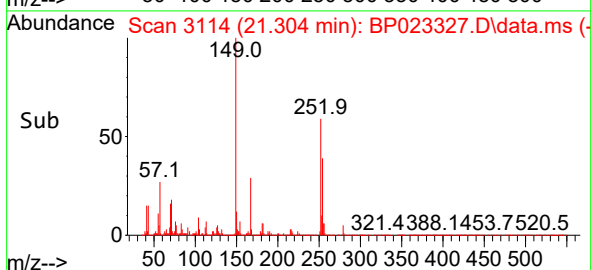
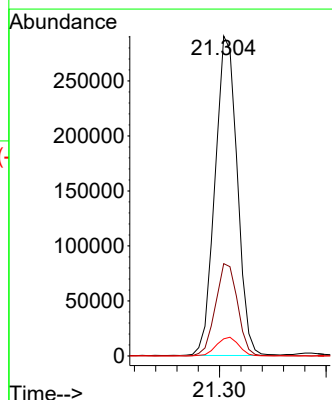
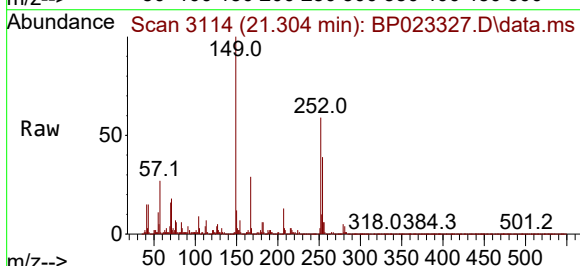
Tgt Ion:149 Resp: 419737

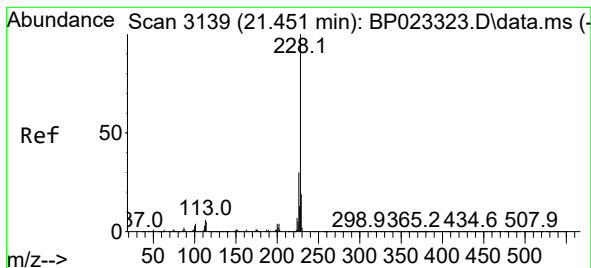
Ion Ratio Lower Upper

149 100

167 28.9 22.5 33.7

279 5.3 3.7 5.5





#87

Chrysene

Concen: 21.587 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

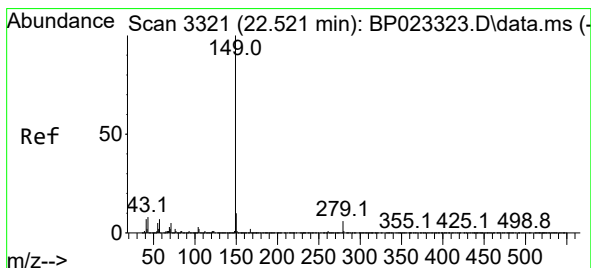
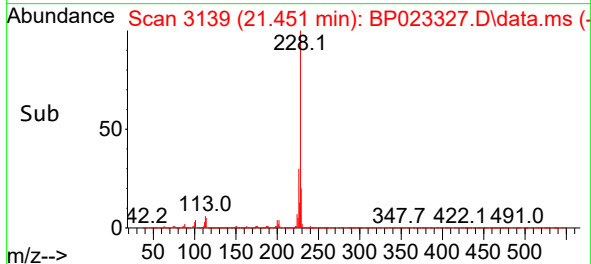
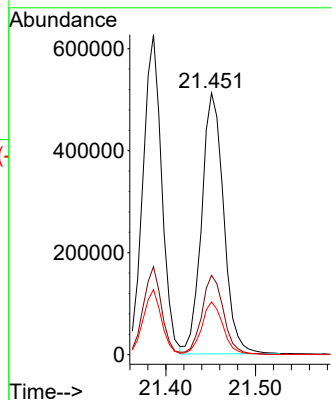
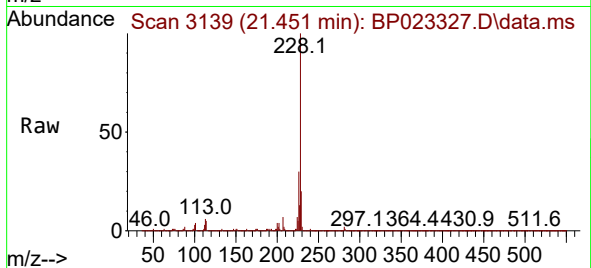
Tgt Ion:228 Resp: 871583

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 20.2 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 21.375 ng/ul

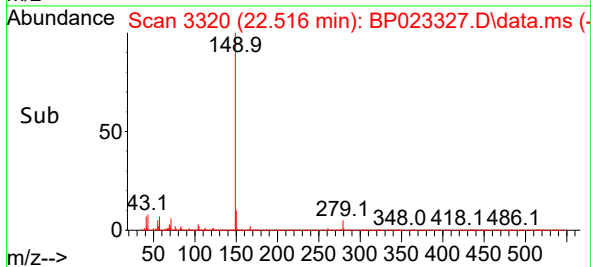
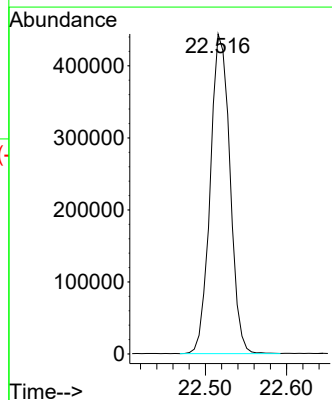
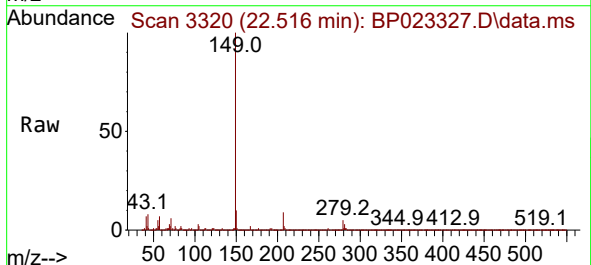
RT: 22.516 min Scan# 3320

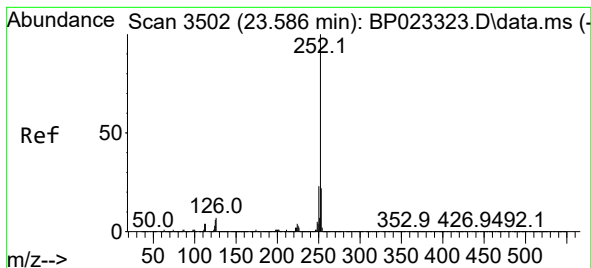
Delta R.T. -0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Tgt Ion:149 Resp: 748127





#90

Benzo(b)fluoranthene

Concen: 21.856 ng/ul

RT: 23.586 min Scan# 3502

Delta R.T. 0.000 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

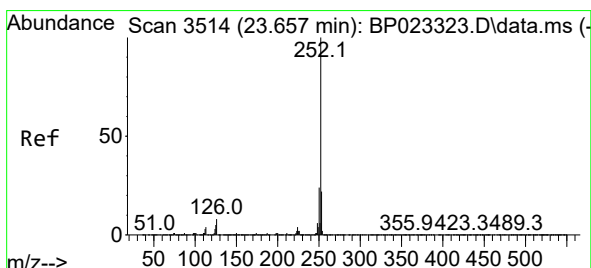
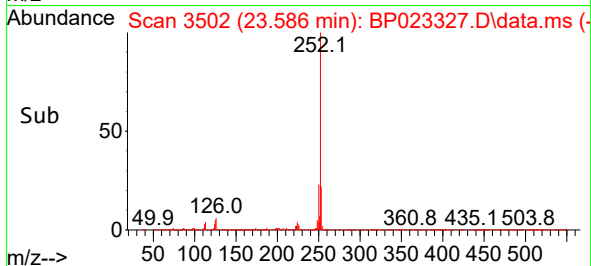
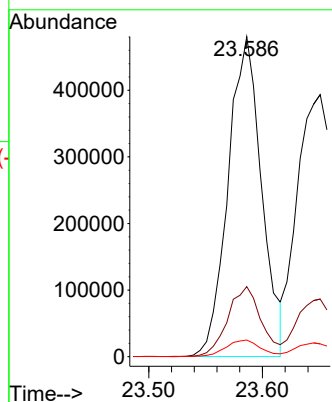
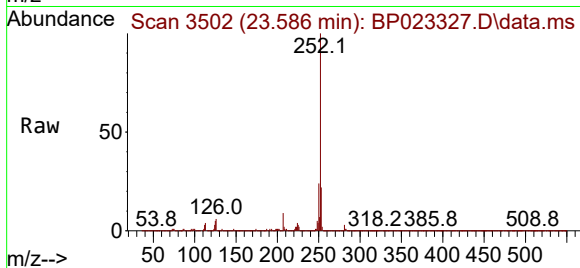
Tgt Ion:252 Resp: 984090

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.2 4.4 6.6



#91

Benzo(k)fluoranthene

Concen: 21.734 ng/ul

RT: 23.651 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

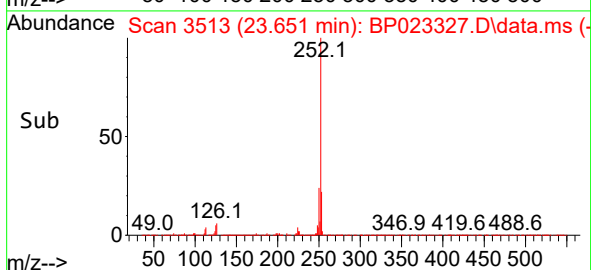
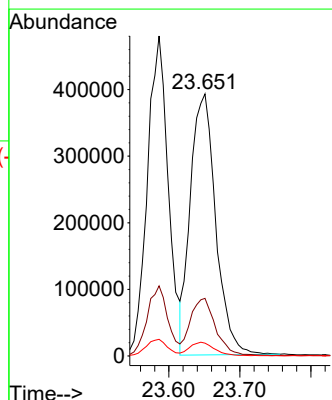
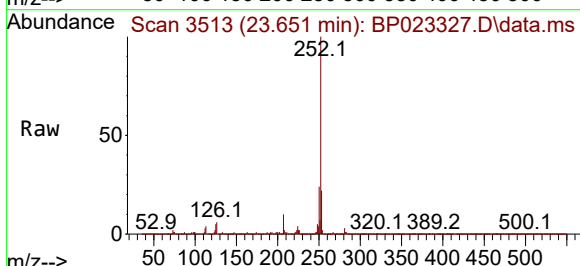
Tgt Ion:252 Resp: 973647

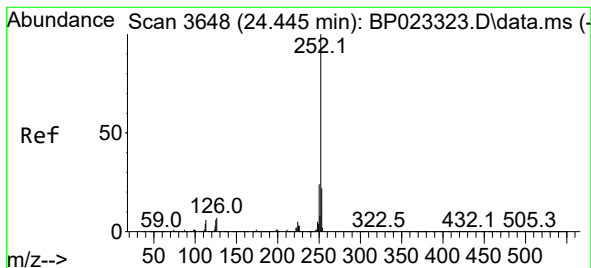
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 4.9 4.3 6.5





#93

Benzo(a)pyrene

Concen: 12.583 ng/ul

RT: 24.433 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

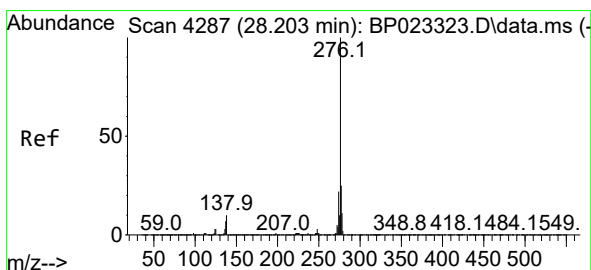
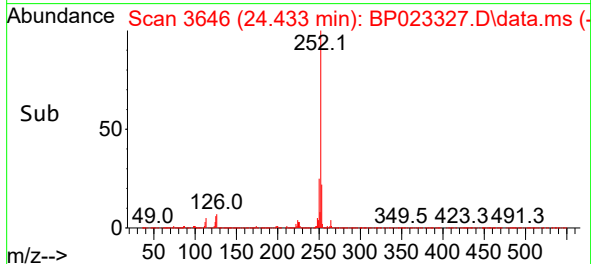
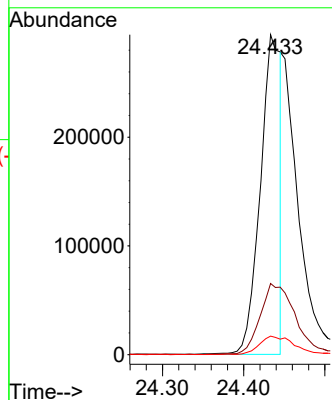
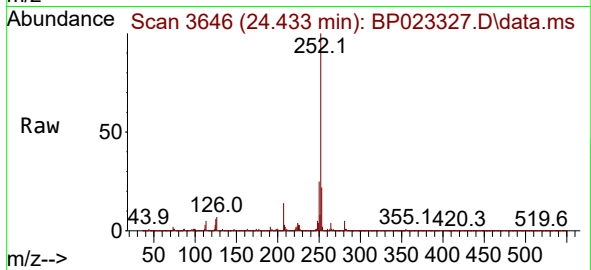
Tgt Ion:252 Resp: 513678

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 5.8 5.0 7.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.873 ng/ul

RT: 28.198 min Scan# 4286

Delta R.T. -0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

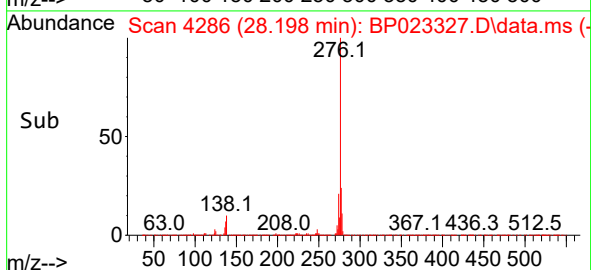
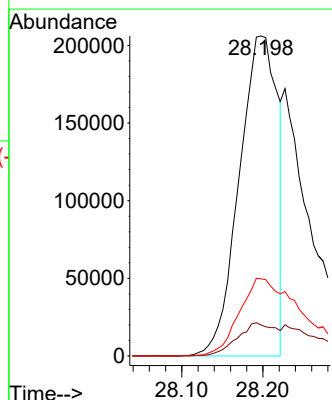
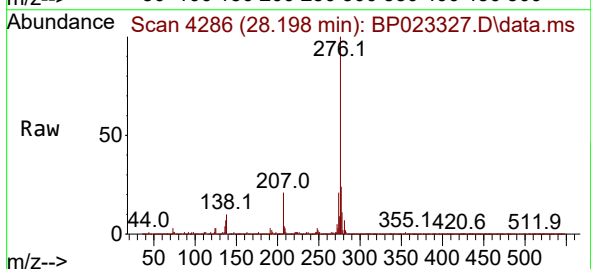
Tgt Ion:276 Resp: 675334

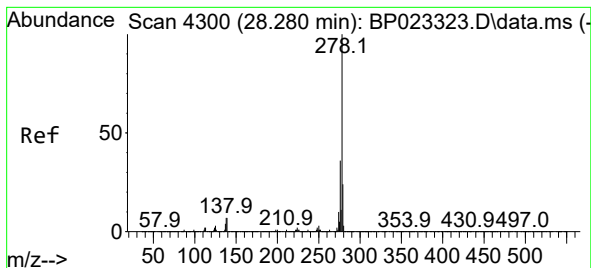
Ion Ratio Lower Upper

276 100

138 9.7 7.8 11.6

277 24.1 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 10.032 ng/ul

RT: 28.256 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Instrument :

BNA_P

ClientSampleId :

SICV641

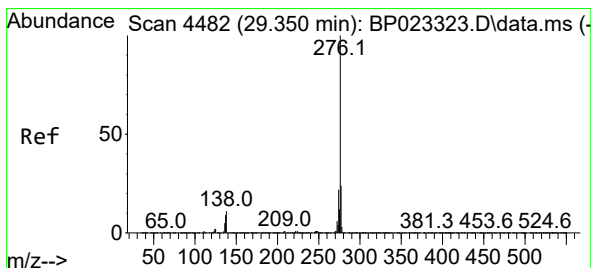
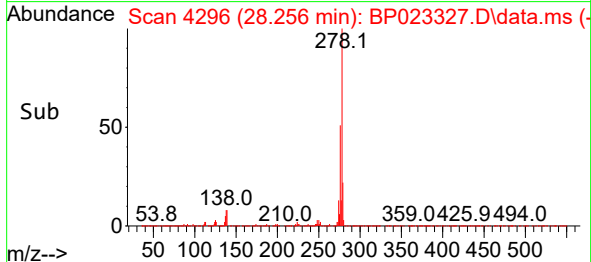
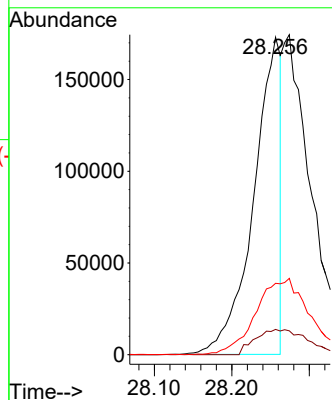
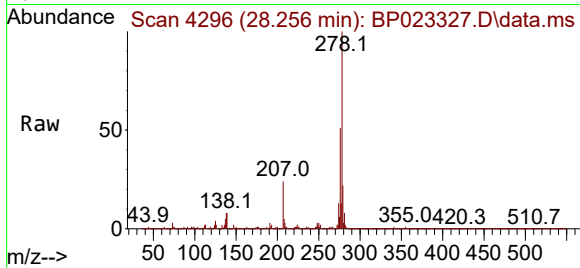
Tgt Ion:278 Resp: 421183

Ion Ratio Lower Upper

278 100

139 7.9 6.0 9.0

279 22.5 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 10.700 ng/ul

RT: 29.345 min Scan# 4481

Delta R.T. -0.006 min

Lab File: BP023327.D

Acq: 26 Nov 2024 18:20

Tgt Ion:276 Resp: 429779

Ion Ratio Lower Upper

276 100

138 10.3 8.5 12.7

277 24.0 18.9 28.3

