

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120723\
 Data File : BM043187.D
 Acq On : 07 Dec 2023 18:42
 Operator : MA/JU
 Sample : SSTD16074
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD160039

Quant Time: Dec 08 00:05:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 00:03:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	567187	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2524212	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.639	164	1586200	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	3234935	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	2681349	20.000	ng/ul	0.01
88) Perylene-d12	23.950	264	2249066	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	869161	60.147	ng/uL	0.00
4) Pyridine-d5	3.816	84	7324063	173.684	ng/ul	0.00
7) Phenol-d5	7.193	99	9945287	181.328	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.363	67	5724746	165.322	ng/ul	0.01
11) 2-Chlorophenol-d4	7.551	132	7725052	179.958	ng/ul	0.01
15) 4-Methylphenol-d8	8.751	113	7638451	174.594	ng/ul	0.03
21) Nitrobenzene-d5	9.204	128	3874981	180.107	ng/ul	0.02
24) 2-Nitrophenol-d4	9.922	143	4295653	207.053	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.457	165	8145926	176.157	ng/ul	0.02
31) 4-Chloroaniline-d4	10.981	131	10605188	159.237	ng/ul	0.02
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.880	143	4380496	180.268	ng/ul	0.05
60) Fluorene-d10	15.633	176	16497782	136.113	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.780	200	3999026	249.828	ng/ul	0.04
73) Anthracene-d10	17.380	188	3234935	18.484	ng/ul	-0.09
81) Pyrene-d10	0.000	212	0	0.000	ng/ul	
92) Benzo(a)pyrene-d12	23.809	264	22570669	171.985	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	942852	59.397	ng/uL	95
5) Pyridine	3.840	79	7449378	171.448	ng/ul	99
6) Benzaldehyde	7.163	77	2939915	94.273	ng/ul	97
8) Phenol	7.222	94	9692290	177.950	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.463	93	7467283	167.960	ng/ul	98
12) 2-Chlorophenol	7.587	128	7574358	173.926	ng/ul	98
13) 2-Methylphenol	8.469	108	7487284	177.722	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	11795562	157.513	ng/ul	98
16) Acetophenone	8.869	105	11375430	158.595	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.887	70	5748745	146.481	ng/ul#	91
18) 4-Methylphenol	8.834	108	7892264	171.299	ng/ul	98
19) Hexachloroethane	9.092	117	3037216	164.535	ng/ul	94
22) Nitrobenzene	9.251	77	8473357	163.802	ng/ul	94
23) Isophorone	9.792	82	17260690	156.595	ng/ul	97
25) 2-Nitrophenol	9.951	139	4372170	192.284	ng/ul	98
26) 2,4-Dimethylphenol	10.016	107	7695448	172.618	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	10257589	158.280	ng/ul	99
29) 2,4-Dichlorophenol	10.487	162	7775615	173.244	ng/ul	98
30) Naphthalene	11.004	128	793750	5.123	ng/ul#	1
32) 4-Chloroaniline	11.010	127	9987162	158.919	ng/ul	99
33) Hexachlorobutadiene	11.151	225	4792903	171.382	ng/ul	99
34) Caprolactam	11.857	113	1202299	89.046	ng/ul	99
35) 4-Chloro-3-methylphenol	12.133	107	7824495	166.025	ng/ul	100
36) 2-Methylnaphthalene	12.481	142	15608363	140.024	ng/ul	90

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	15751682	139.219	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.845	216	9280136	172.927	ng/ul	97
40) Hexachlorocyclopentadiene	12.816	237	5774724	198.849	ng/ul	100
41) 2,4,6-Trichlorophenol	13.086	196	6318948	189.224	ng/ul	98
42) 2,4,5-Trichlorophenol	13.163	196	6766724	186.179	ng/ul	100
44) 2-Chloronaphthalene	13.528	162	15798941	145.251	ng/ul	95
45) 2-Nitroaniline	13.751	65	5203192	181.026	ng/ul	93
48) 2,6-Dinitrotoluene	14.257	165	4741614	188.712	ng/ul	90
50) Acenaphthylene	14.251	152	12978	0.071	ng/ul#	86
51) 3-Nitroaniline	14.580	138	4595240	166.109	ng/ul	98
52) Acenaphthene	14.710	153	15913669	132.695	ng/ul	88
53) 2,4-Dinitrophenol	14.780	184	2731501	269.098	ng/ul	95
55) 4-Nitrophenol	14.898	109	3003569	168.486	ng/ul	97
57) 2,4-Dinitrotoluene	15.033	165	6743961	187.982	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.274	232	5655966	187.219	ng/ul	93
61) Fluorene	15.692	166	16246856	114.569	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	9880728	141.034	ng/ul	98
63) 4-Nitroaniline	15.763	138	3833967	135.813	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.798	198	4141764	231.854	ng/ul#	94
67) N-Nitrosodiphenylamine	15.904	169	14703508	135.538	ng/ul	89
68) 4-Bromophenyl-phenylether	16.580	248	7006062	179.097	ng/ul	94
69) Hexachlorobenzene	16.686	284	7964188	171.582	ng/ul	95
70) Atrazine	16.868	200	4003175	125.156	ng/ul	99
71) Pentachlorophenol	17.027	266	5246007	202.028	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.445	216	9276993	181.269	ng/uL	97
76) Pentachlorobenzene	14.963	250	9120885	175.371	ng/uL	99
80) Fluoranthene	19.368	202	70844	0.360	ng/ul#	54
83) Butylbenzylphthalate	20.692	149	13272947	162.987	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.468	252	9059136	138.304	ng/ul#	99
85) Benzo(a)anthracene	21.580	228	2641851	12.851	ng/ul#	84
86) Bis(2-ethylhexyl)phtha...	21.462	149	2649991	20.614	ng/ul	93
87) Chrysene	21.580	228	2641851	14.388	ng/ul#	88
90) Benzo(b)fluoranthene	23.268	252	1290907	8.045	ng/ul#	93
91) Benzo(k)fluoranthene	23.268	252	1290907	8.077	ng/ul	94
93) Benzo(a)pyrene	23.997	252	117309	0.791	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.480	276	29542280	174.850	ng/ul	98
95) Dibenzo(a,h)anthracene	26.509	278	24334186	172.261	ng/ul	97
96) Benzo(g,h,i)perylene	27.262	276	22210571	174.489	ng/ul	98

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

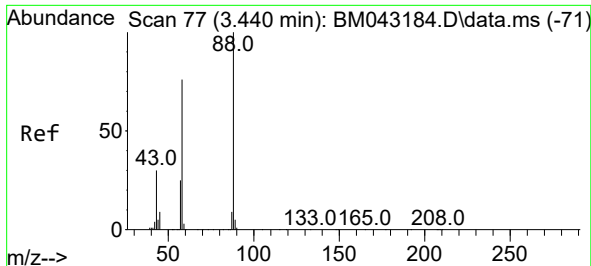
BNA M

ClientSampleId :
SSTD160039

Abundance

TIC: BM043187.D\data.ms

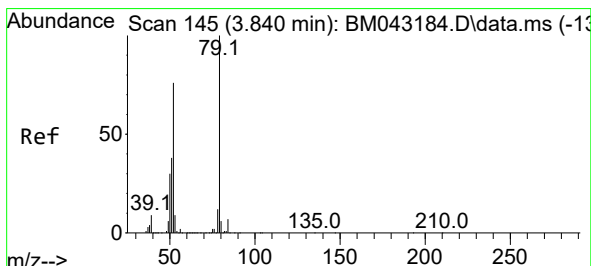
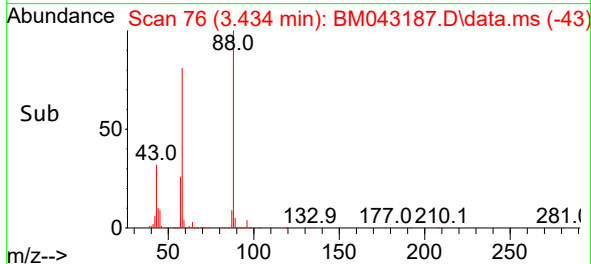
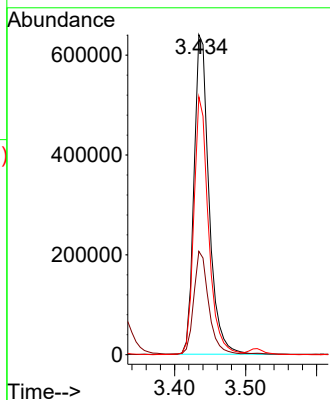
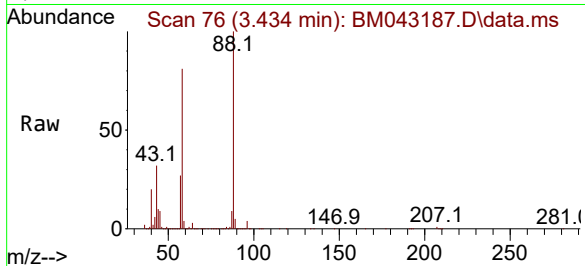
Time-->



#2
1,4-Dioxane
Concen: 59.397 ng/uL
RT: 3.434 min Scan# 77
Delta R.T. -0.006 min
Lab File: BM043187.D
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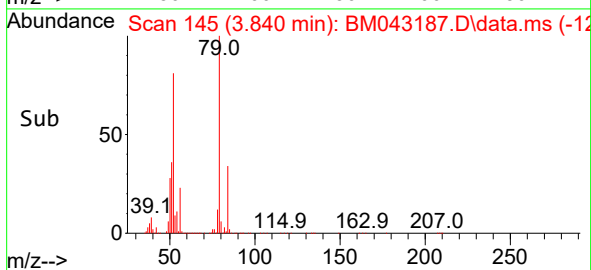
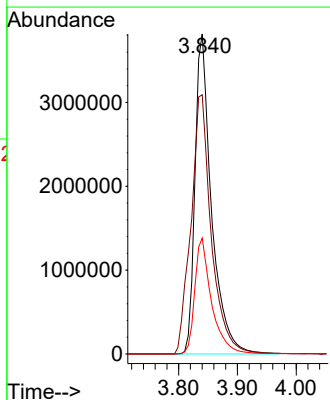
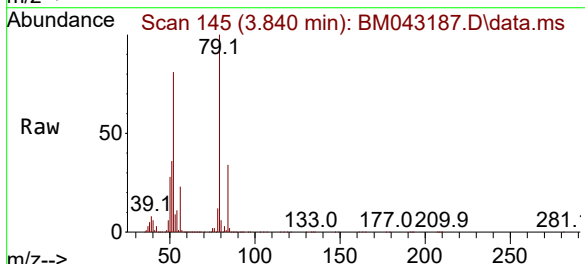
Instrument :
BNA_M
ClientSampleId :
SSTD160039

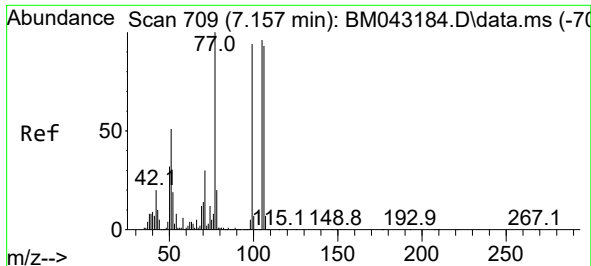
Tgt Ion: 88 Resp: 942852
Ion Ratio Lower Upper
88 100
43 32.3 25.0 37.4
58 80.6 60.6 90.8



#5
Pyridine
Concen: 171.448 ng/uL
RT: 3.840 min Scan# 145
Delta R.T. 0.000 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion: 79 Resp: 7449378
Ion Ratio Lower Upper
79 100
52 81.0 64.9 97.3
51 36.2 31.0 46.4

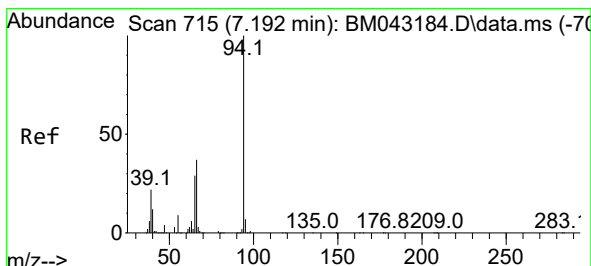
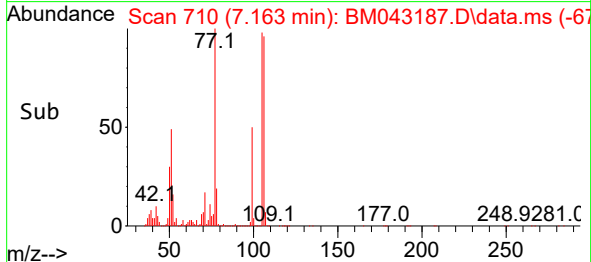
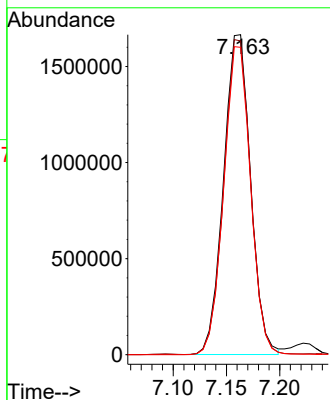
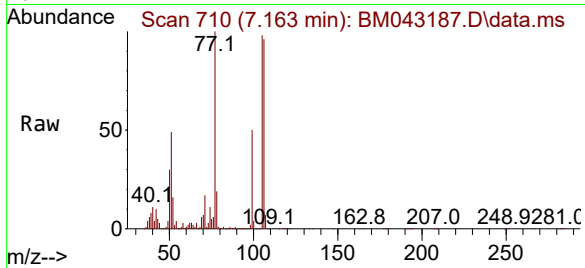




#6
Benzaldehyde
Concen: 94.273 ng/ul
RT: 7.163 min Scan# 710
Delta R.T. 0.006 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

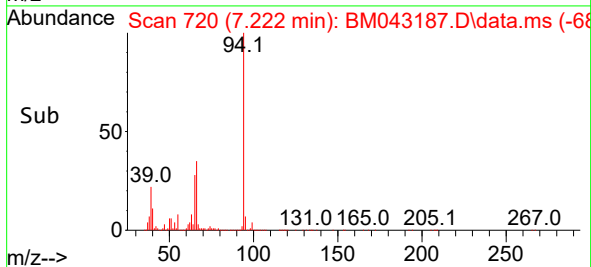
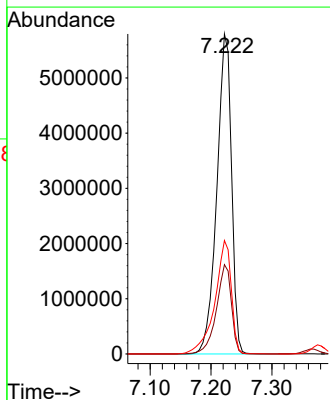
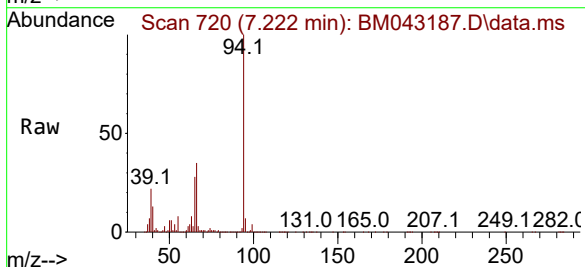
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ClientSampleId :
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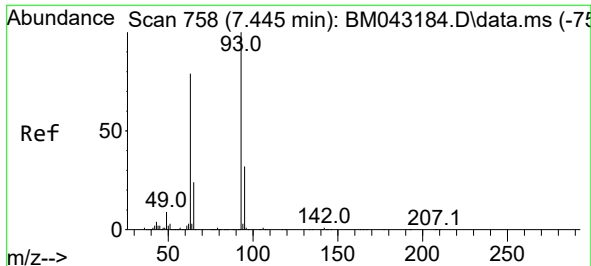
Tgt Ion: 77 Resp: 2939915
Ion Ratio Lower Upper
77 100
105 98.0 76.3 114.5
106 96.0 74.6 112.0



#8
Phenol
Concen: 177.950 ng/ul
RT: 7.222 min Scan# 720
Delta R.T. 0.030 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion: 94 Resp: 9692290
Ion Ratio Lower Upper
94 100
65 27.9 23.5 35.3
66 35.4 29.9 44.9

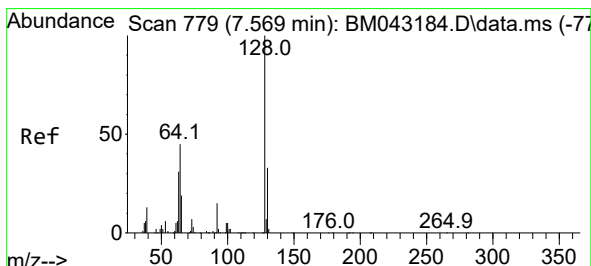
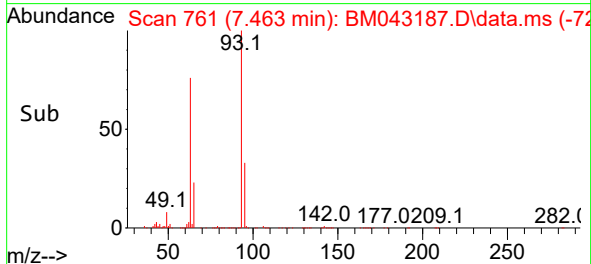
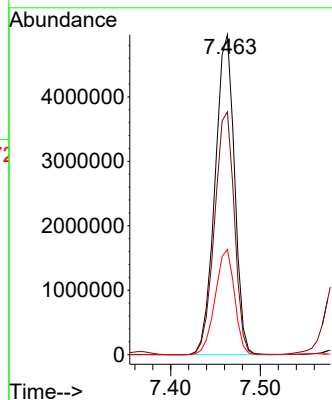
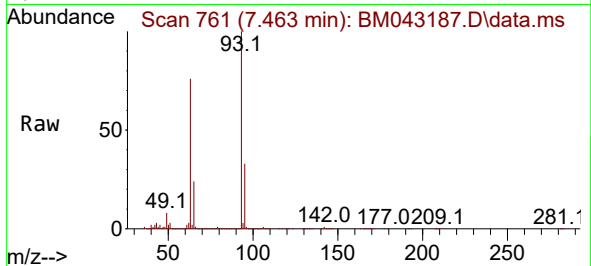




#10
Bis(2-Chloroethyl)ether
Concen: 167.960 ng/ul
RT: 7.463 min Scan# 761
Delta R.T. 0.018 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

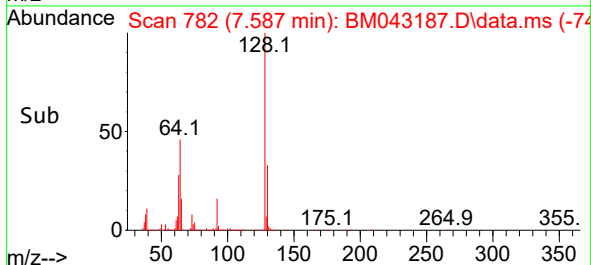
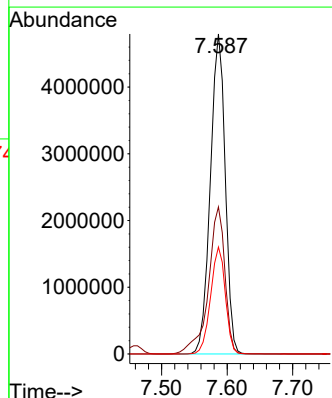
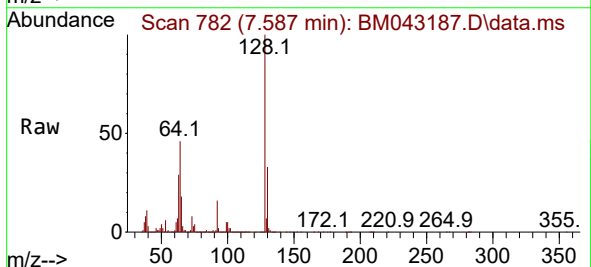
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ClientSampleId :
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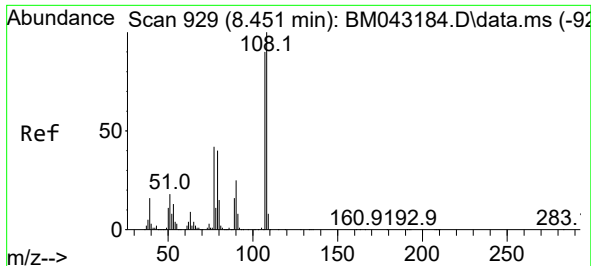
Tgt Ion: 93 Resp: 7467283
Ion Ratio Lower Upper
93 100
63 75.9 63.0 94.4
95 32.8 26.0 39.0



#12
2-Chlorophenol
Concen: 173.926 ng/ul
RT: 7.587 min Scan# 782
Delta R.T. 0.018 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:128 Resp: 7574358
Ion Ratio Lower Upper
128 100
64 46.0 38.3 57.5
130 33.4 26.6 40.0





#13

2-Methylphenol

Concen: 177.722 ng/ul

RT: 8.469 min Scan# 91

Delta R.T. 0.018 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

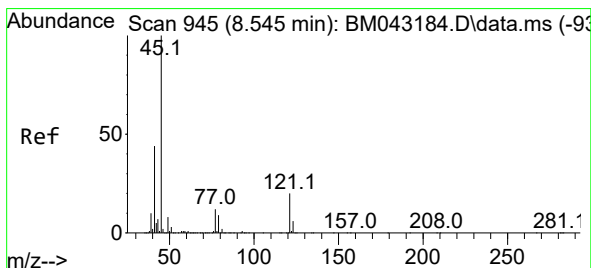
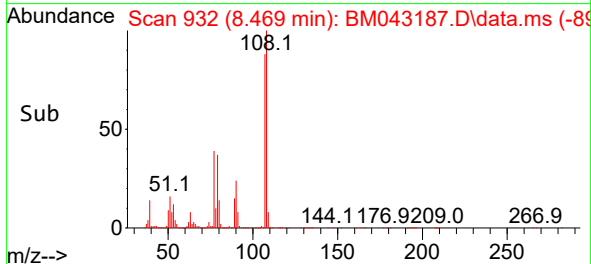
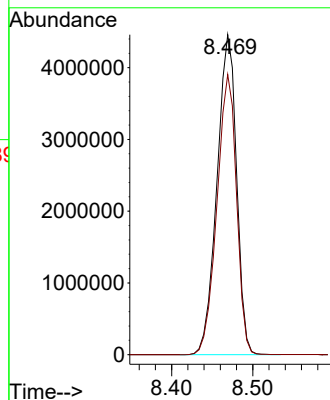
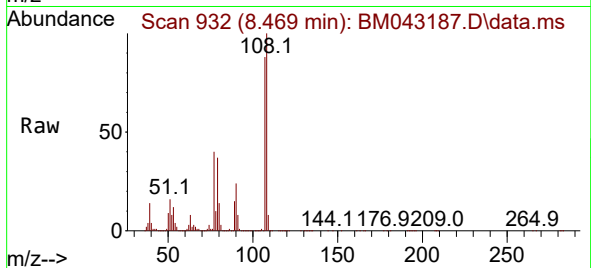
SSTD160039

Tgt Ion:108 Resp: 7487284

Ion Ratio Lower Upper

108 100

107 87.6 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 157.513 ng/ul

RT: 8.557 min Scan# 947

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

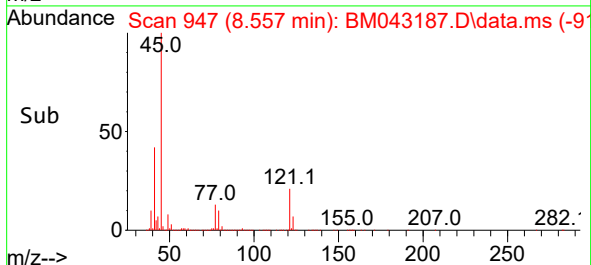
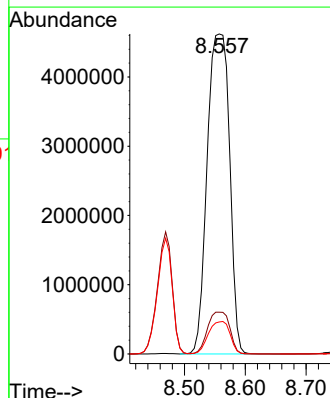
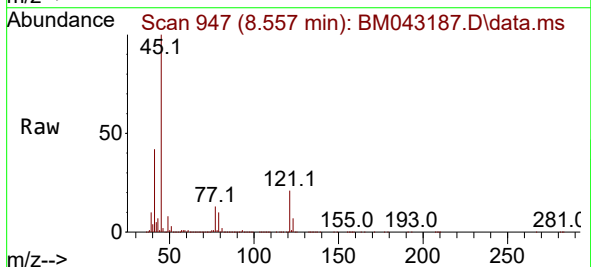
Tgt Ion: 45 Resp:11795562

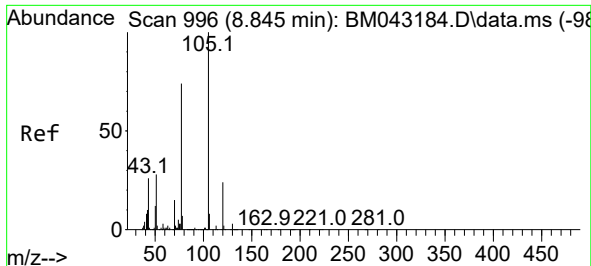
Ion Ratio Lower Upper

45 100

77 13.1 10.2 15.2

79 10.0 7.2 10.8

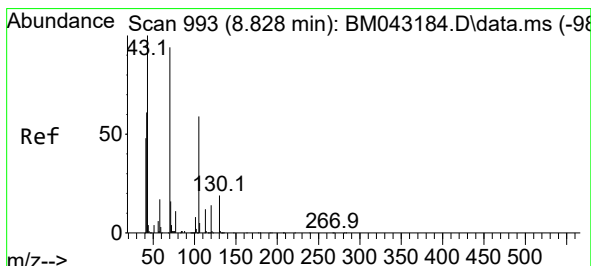
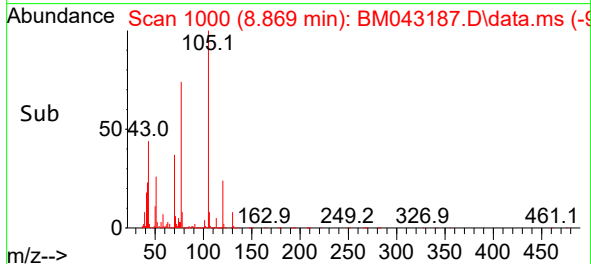
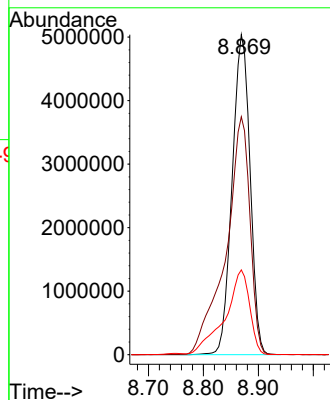
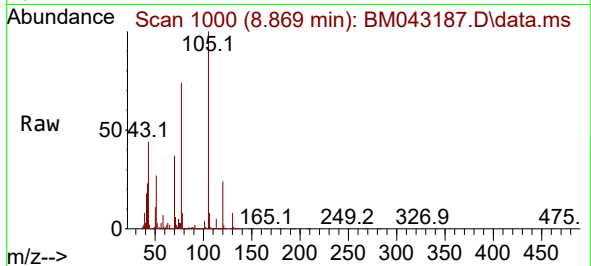




#16
Acetophenone
Concen: 158.595 ng/ul
RT: 8.869 min Scan# 1000
Delta R.T. 0.024 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

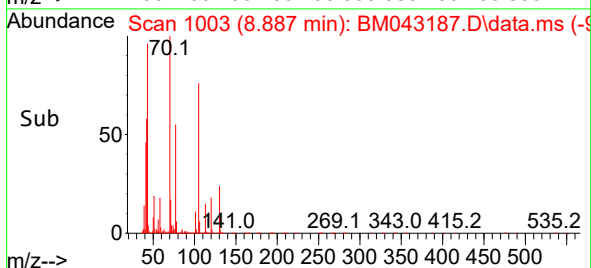
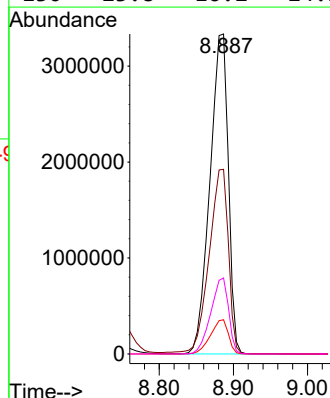
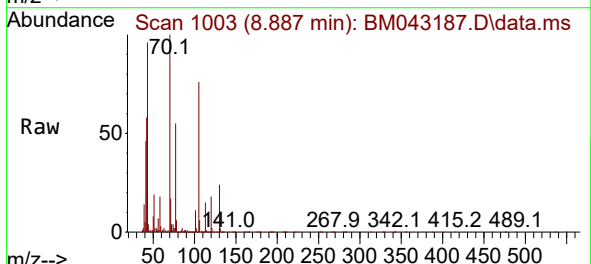
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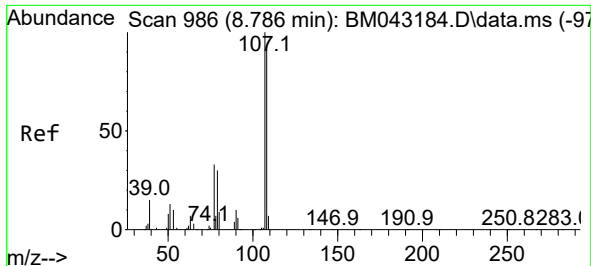
Tgt Ion:105 Resp:11375430
Ion Ratio Lower Upper
105 100
77 74.3 62.7 94.1
51 26.5 23.8 35.8



#17
N-Nitroso-di-n-propylamine
Concen: 146.481 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.059 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion: 70 Resp: 5748745
Ion Ratio Lower Upper
70 100
42 57.7 52.3 78.5
101 10.7 7.0 10.6#
130 23.8 16.2 24.2

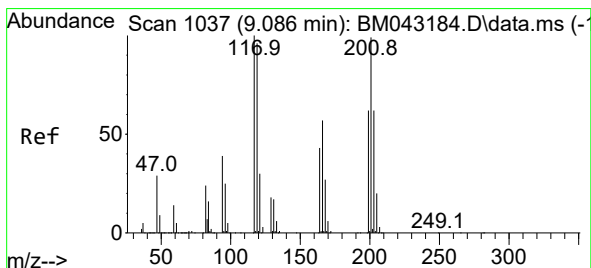
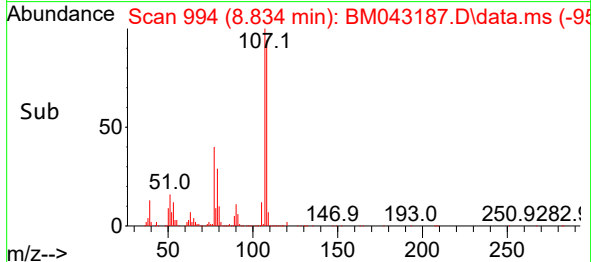
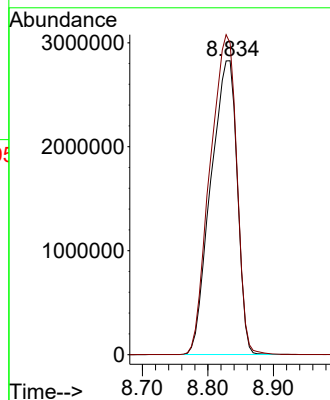
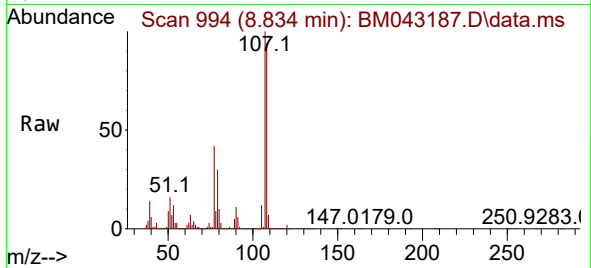




#18
4-Methylphenol
Concen: 171.299 ng/ul
RT: 8.834 min Scan# 994
Delta R.T. 0.047 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

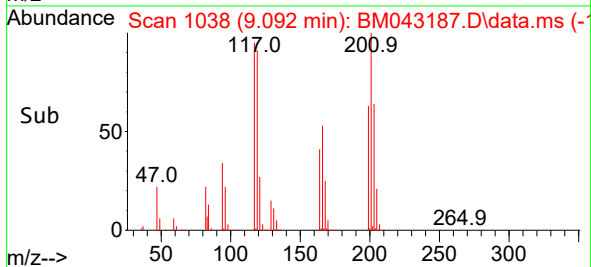
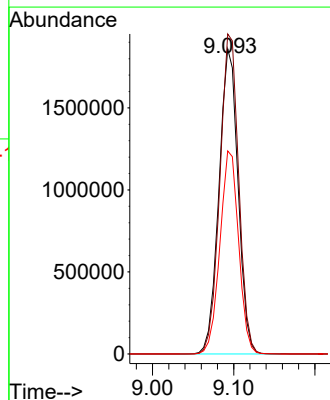
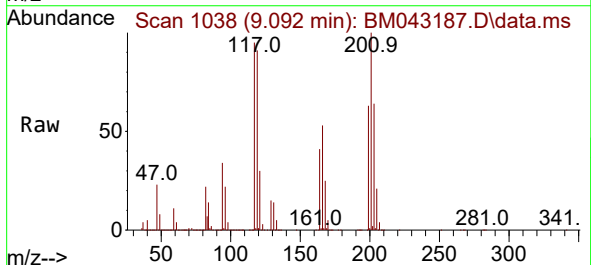
Instrument :
BNA_M
ClientSampleId :
SSTD160039

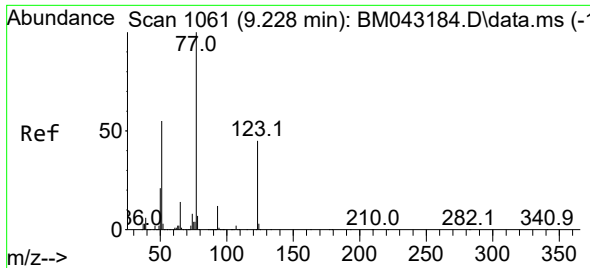
Tgt Ion:108 Resp: 7892264
Ion Ratio Lower Upper
108 100
107 106.0 86.4 129.6



#19
Hexachloroethane
Concen: 164.535 ng/ul
RT: 9.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:117 Resp: 3037216
Ion Ratio Lower Upper
117 100
201 104.9 79.2 118.8
199 66.5 49.8 74.8

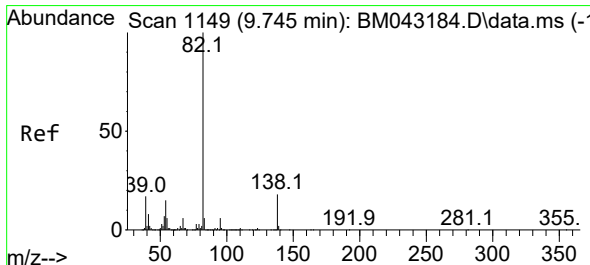
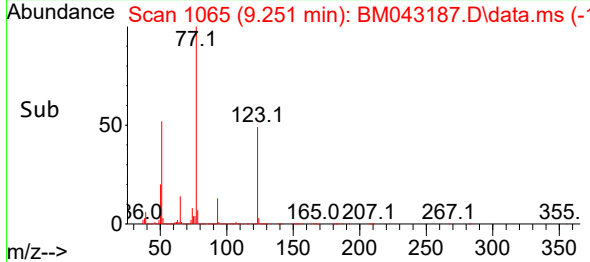
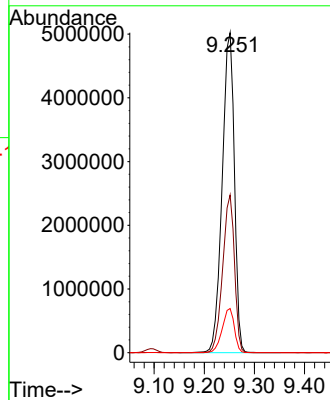
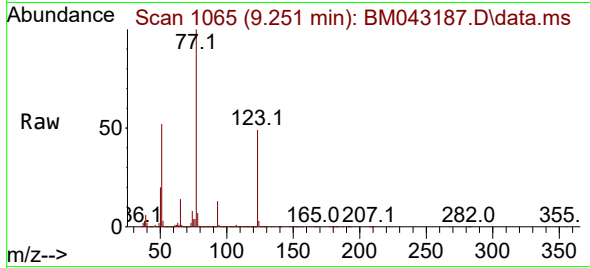




#22
Nitrobenzene
Concen: 163.802 ng/ul
RT: 9.251 min Scan# 1105
Delta R.T. 0.024 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

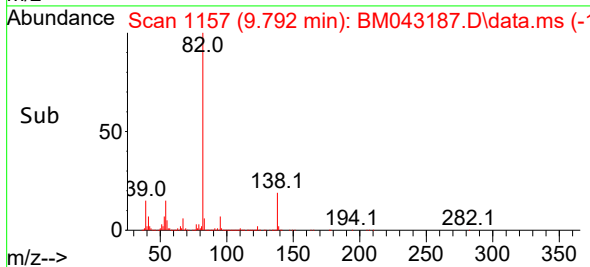
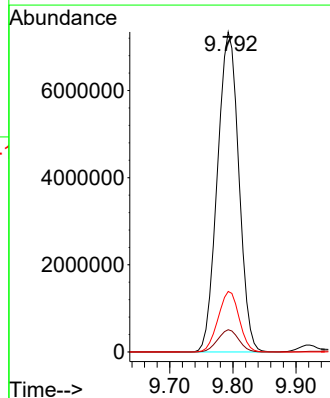
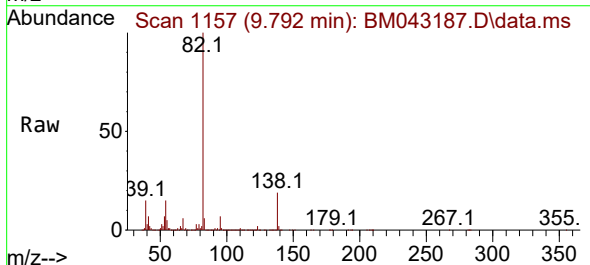
Instrument :
BNA_M
ClientSampleId :
SSTD160039

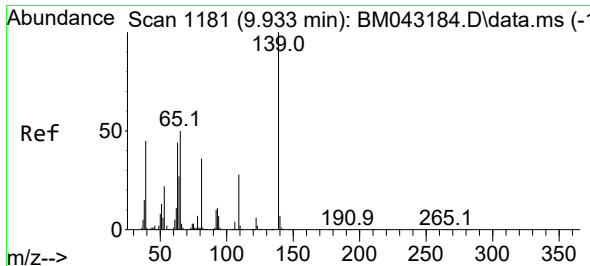
Tgt Ion: 77 Resp: 8473357
Ion Ratio Lower Upper
77 100
123 49.3 35.6 53.4
65 13.8 11.0 16.4



#23
Isophorone
Concen: 156.595 ng/ul
RT: 9.792 min Scan# 1157
Delta R.T. 0.047 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion: 82 Resp: 17260690
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 18.9 14.0 21.0

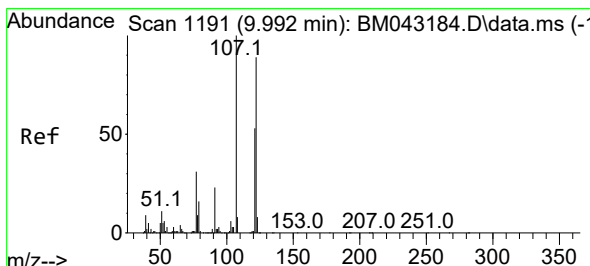
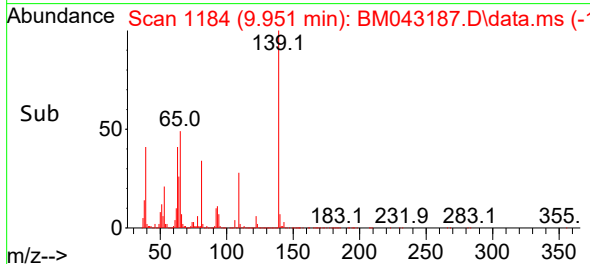
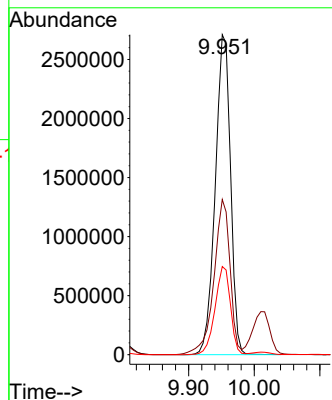
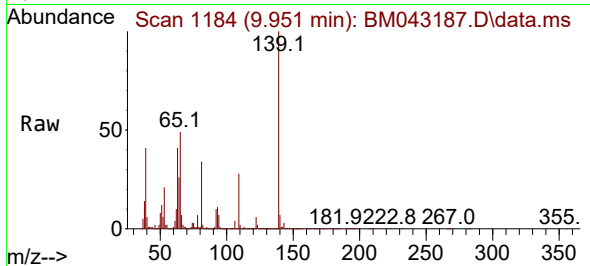




#25
2-Nitrophenol
Concen: 192.284 ng/ul
RT: 9.951 min Scan# 1184
Delta R.T. 0.018 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

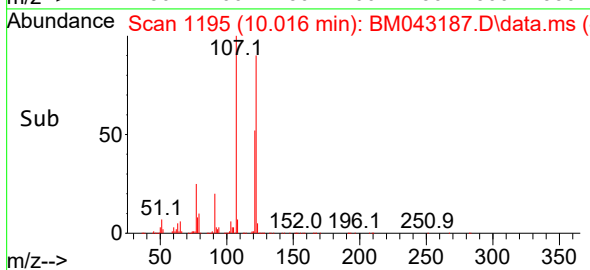
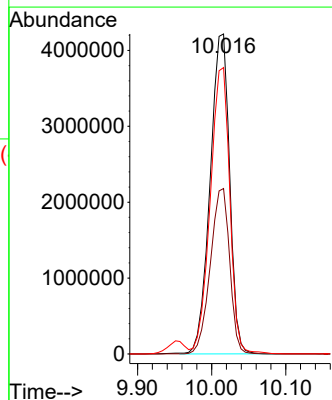
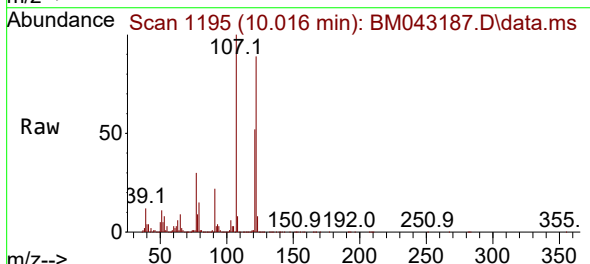
Instrument :
BNA_M
ClientSampleId :
SSTD160039

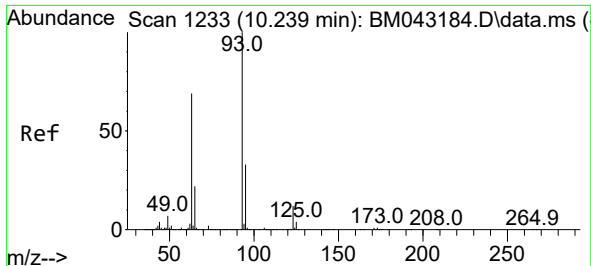
Tgt Ion:139 Resp: 4372170
Ion Ratio Lower Upper
139 100
65 48.5 40.6 60.8
109 27.5 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 172.618 ng/ul
RT: 10.016 min Scan# 1195
Delta R.T. 0.024 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:107 Resp: 7695448
Ion Ratio Lower Upper
107 100
121 51.7 42.2 63.2
122 89.5 72.0 108.0





#27

Bis(2-Chloroethoxy)methane

Concen: 158.280 ng/ul

RT: 10.263 min Scan# 1

Delta R.T. 0.024 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

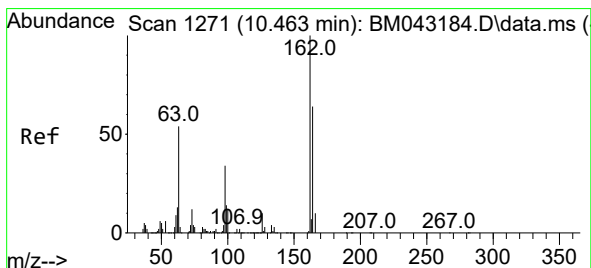
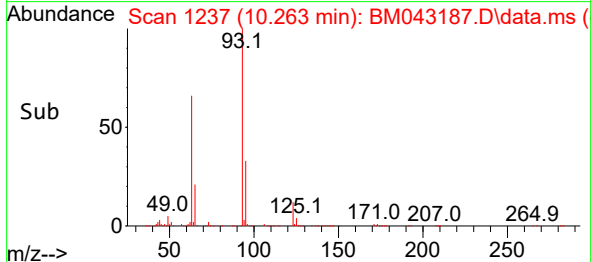
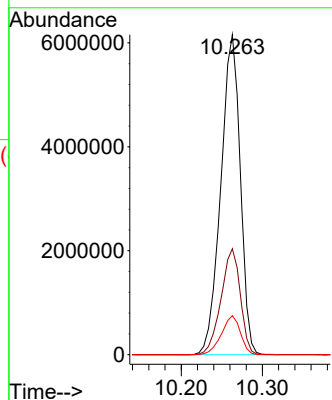
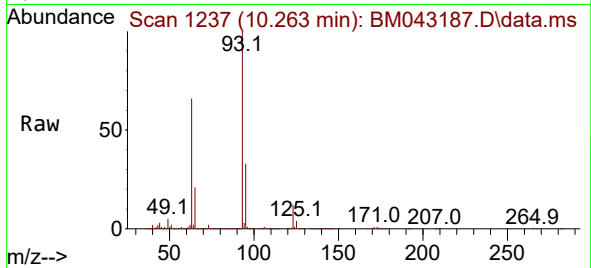
Tgt Ion: 93 Resp:10257589

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.2 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 173.244 ng/ul

RT: 10.487 min Scan# 1275

Delta R.T. 0.024 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

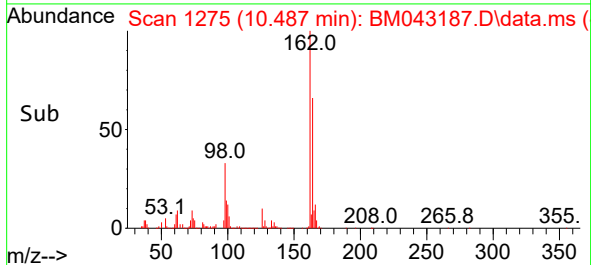
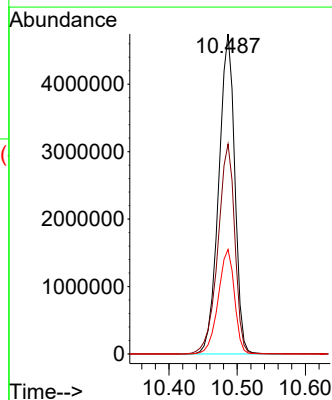
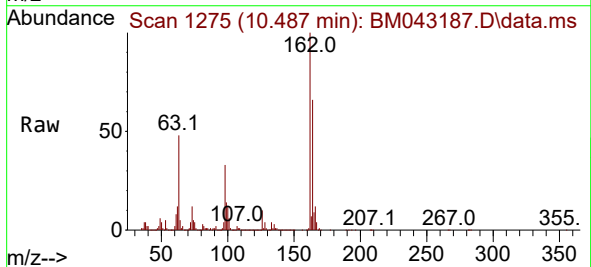
Tgt Ion:162 Resp: 7775615

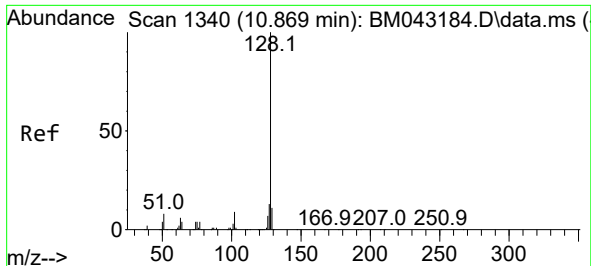
Ion Ratio Lower Upper

162 100

164 65.6 51.4 77.0

98 32.7 26.9 40.3

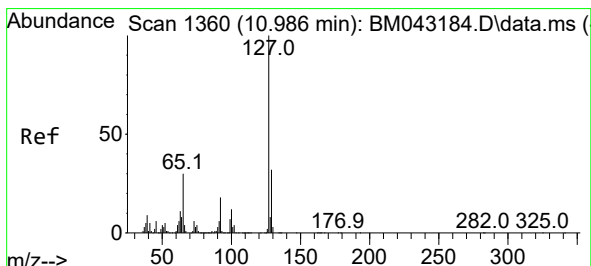
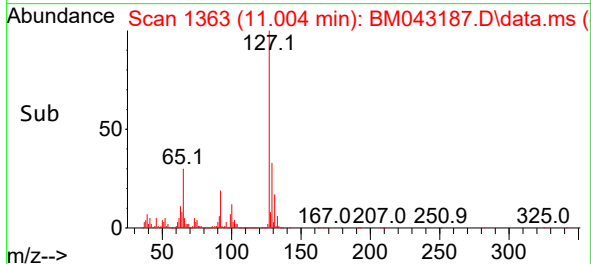
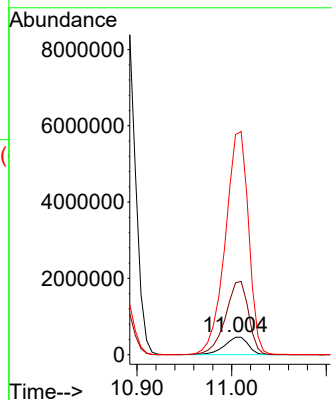
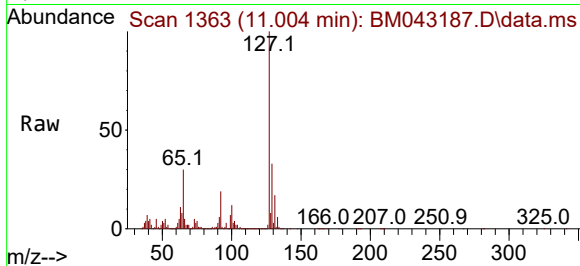




#30
Naphthalene
Concen: 5.123 ng/ul
RT: 11.004 min Scan# 1363
Delta R.T. 0.135 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

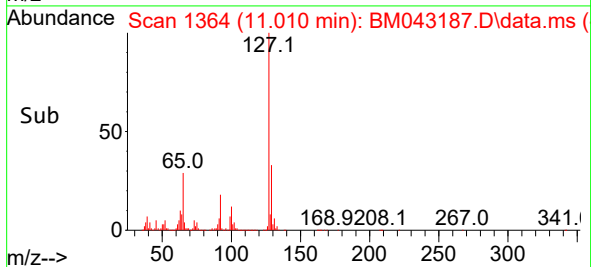
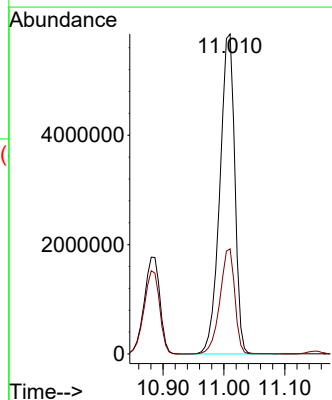
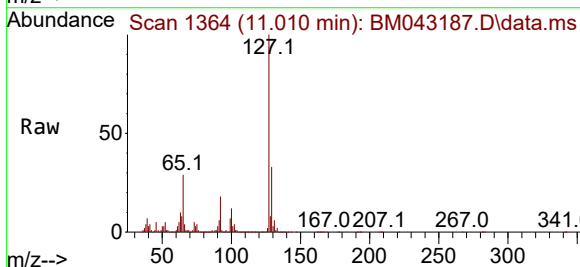
Instrument :
BNA_M
ClientSampleId :
SSTD160039

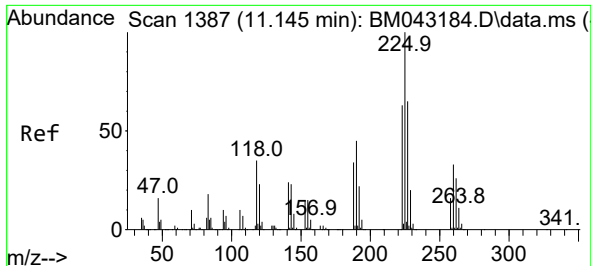
Tgt Ion:128 Resp: 793750
Ion Ratio Lower Upper
128 100
129 411.1 9.0 13.4#
127 1259.8 10.4 15.6#



#32
4-Chloroaniline
Concen: 158.919 ng/ul
RT: 11.010 min Scan# 1364
Delta R.T. 0.024 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:127 Resp: 9987162
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0

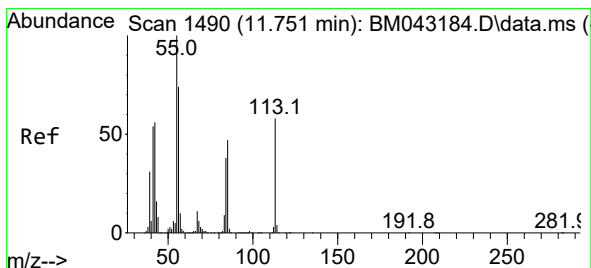
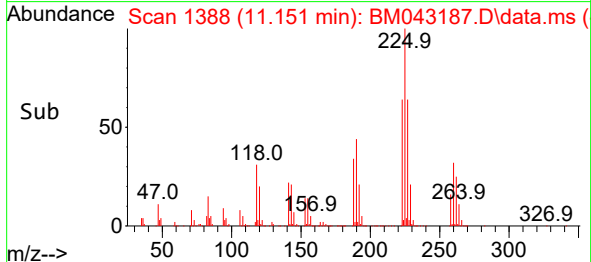
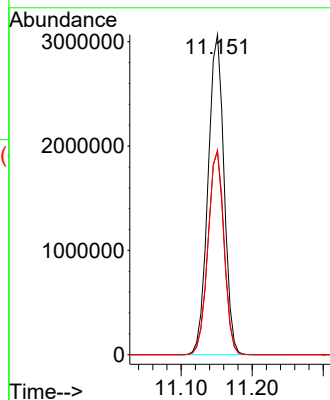
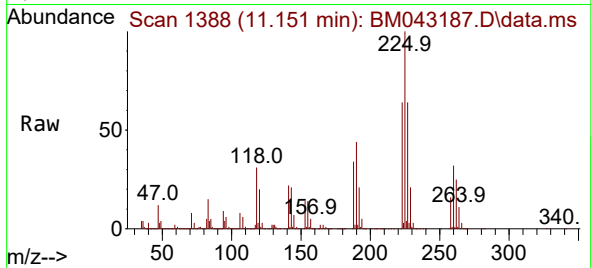




#33
Hexachlorobutadiene
Concen: 171.382 ng/ul
RT: 11.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

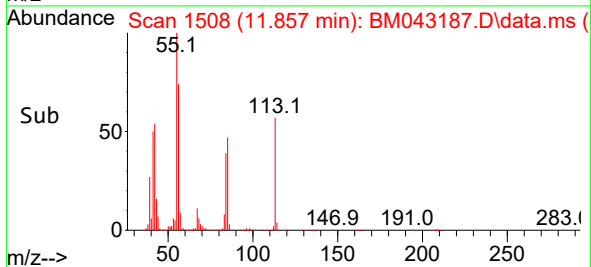
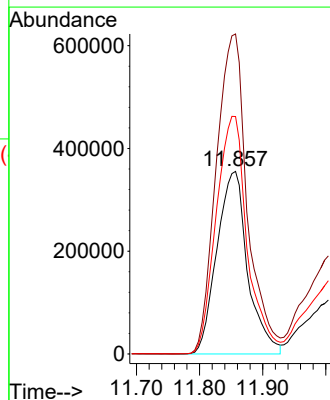
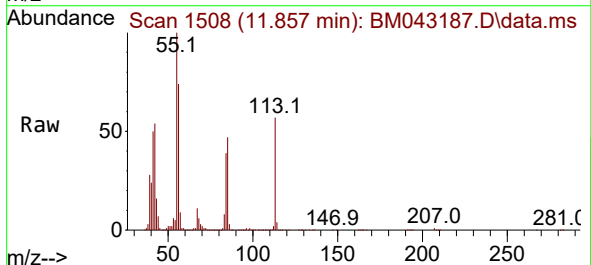
Instrument :
BNA_M
ClientSampleId :
SSTD160039

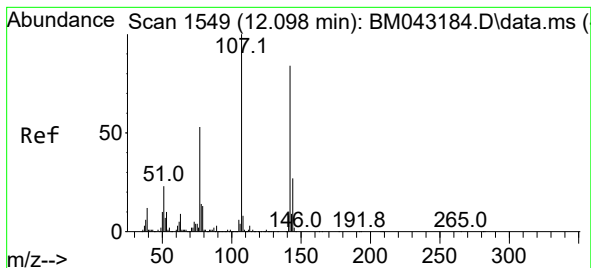
Tgt Ion:225 Resp: 4792903
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 64.0 52.0 78.0



#34
Caprolactam
Concen: 89.046 ng/ul
RT: 11.857 min Scan# 1508
Delta R.T. 0.106 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:113 Resp: 1202299
Ion Ratio Lower Upper
113 100
55 175.2 139.5 209.3
56 130.1 103.5 155.3

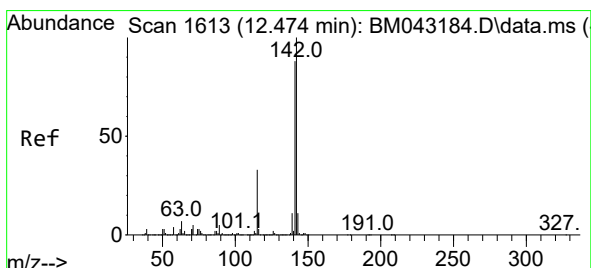
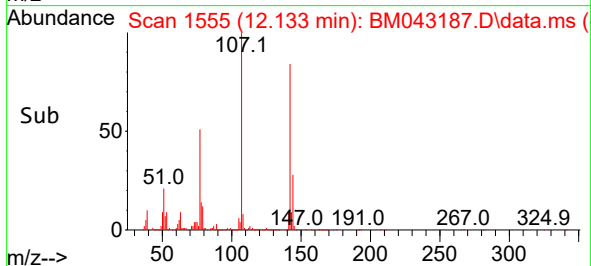
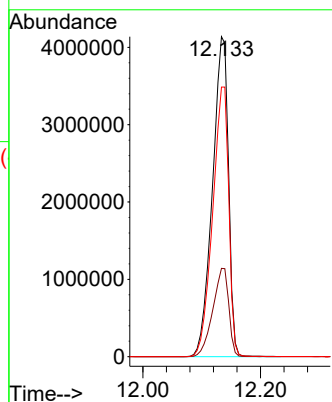
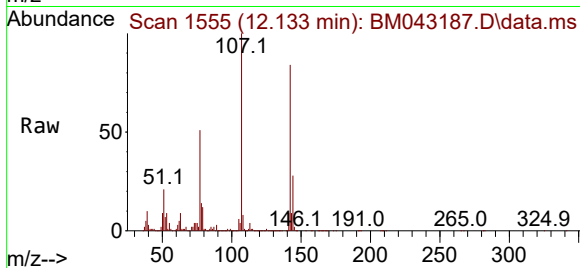




#35
4-Chloro-3-methylphenol
Concen: 166.025 ng/ul
RT: 12.133 min Scan# 1555
Delta R.T. 0.035 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

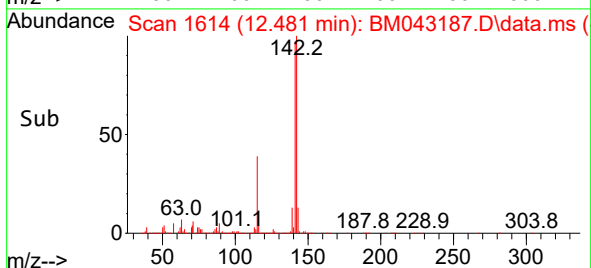
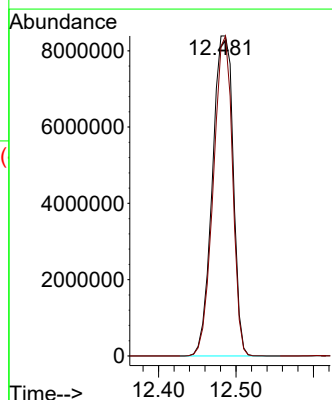
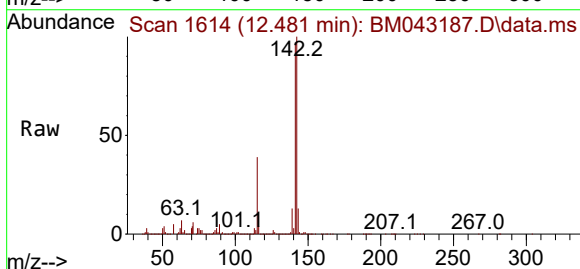
Instrument :
BNA_M
ClientSampleId :
SSTD160039

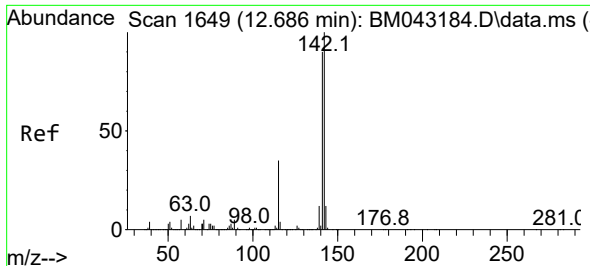
Tgt Ion:107 Resp: 7824495
Ion Ratio Lower Upper
107 100
144 27.6 22.0 33.0
142 84.3 67.3 100.9



#36
2-Methylnaphthalene
Concen: 140.024 ng/ul
RT: 12.481 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:142 Resp:15608363
Ion Ratio Lower Upper
142 100
141 96.7 70.0 105.0





#37

1-Methylnaphthalene

Concen: 139.219 ng/ul

RT: 12.698 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

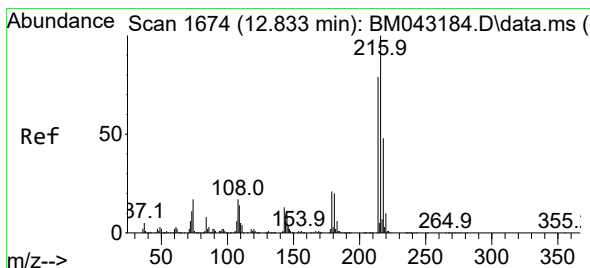
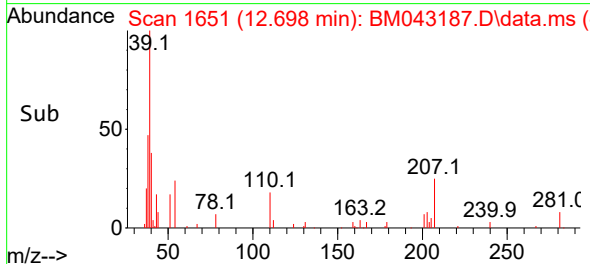
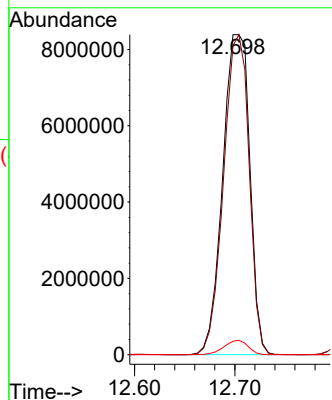
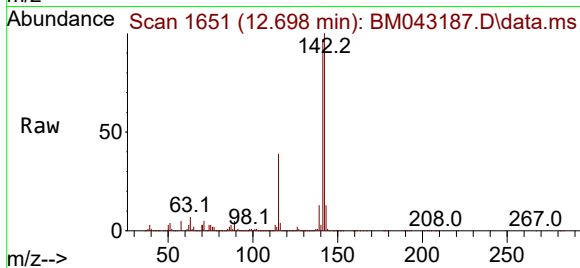
Tgt Ion:142 Resp:15751682

Ion Ratio Lower Upper

142 100

141 96.5 71.9 107.9

116 4.2 2.8 4.2#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 172.927 ng/ul

RT: 12.845 min Scan# 1676

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Tgt Ion:216 Resp: 9280136

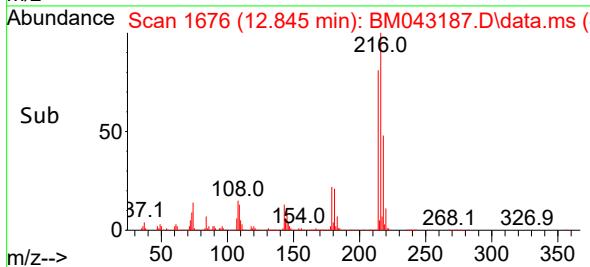
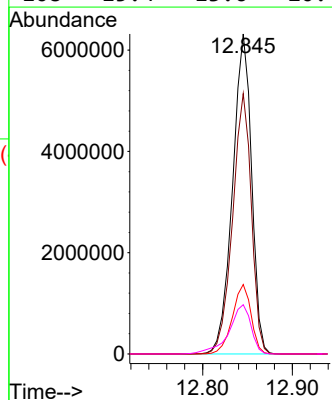
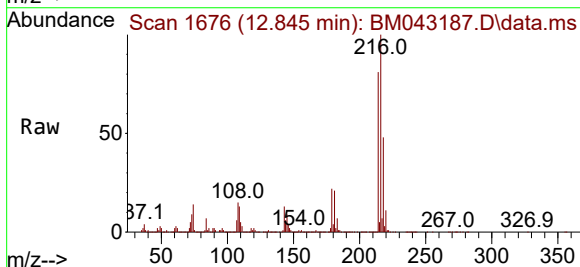
Ion Ratio Lower Upper

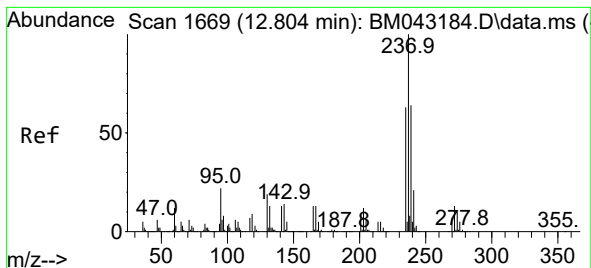
216 100

214 81.3 63.1 94.7

179 21.7 16.4 24.6

108 15.4 13.6 20.4





#40

Hexachlorocyclopentadiene

Concen: 198.849 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

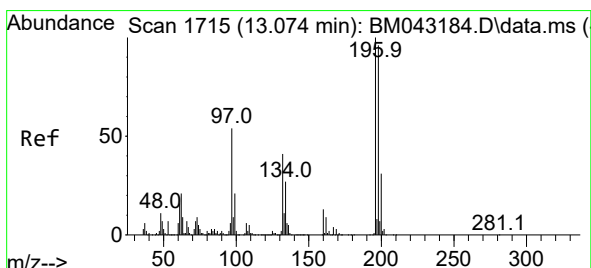
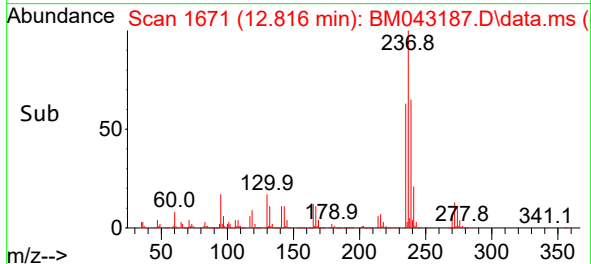
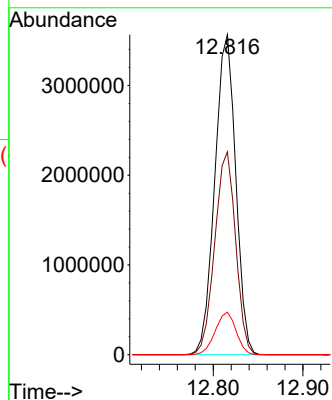
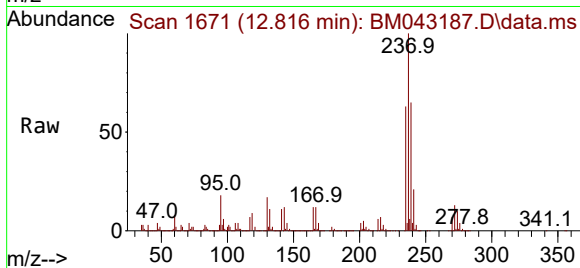
Tgt Ion:237 Resp: 5774724

Ion Ratio Lower Upper

237 100

235 63.4 50.5 75.7

272 13.3 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 189.224 ng/ul

RT: 13.086 min Scan# 1717

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

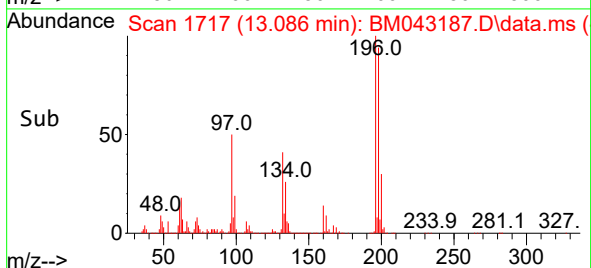
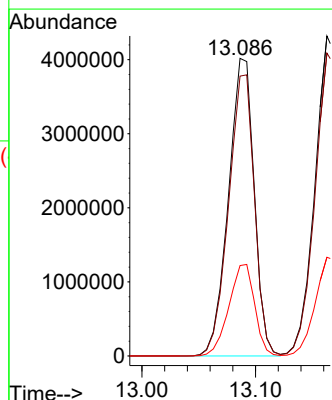
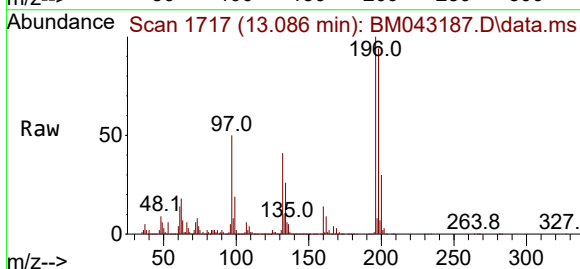
Tgt Ion:196 Resp: 6318948

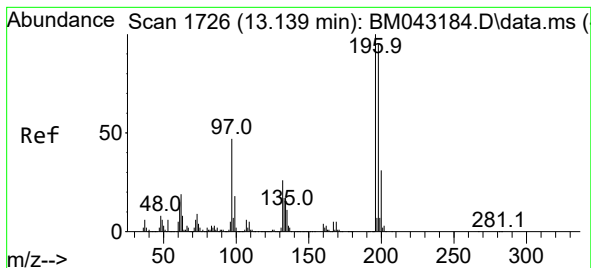
Ion Ratio Lower Upper

196 100

198 94.0 77.0 115.4

200 30.4 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 186.179 ng/ul

RT: 13.163 min Scan# 1

Delta R.T. 0.024 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

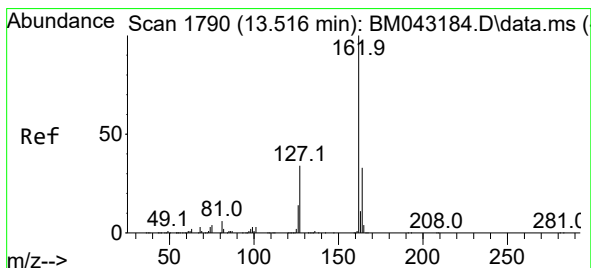
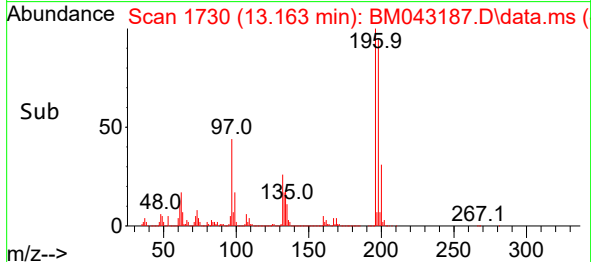
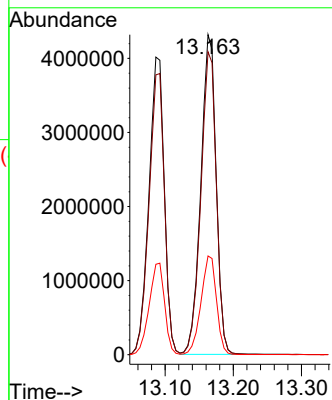
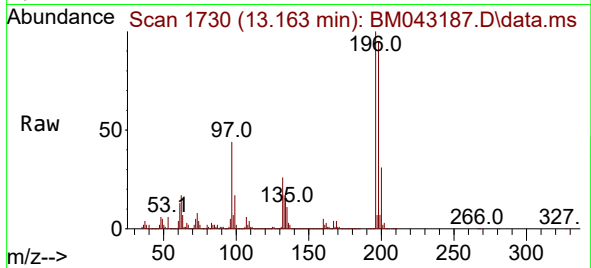
Tgt Ion:196 Resp: 6766724

Ion Ratio Lower Upper

196 100

198 94.7 76.1 114.1

200 30.8 24.6 36.8



#44

2-Chloronaphthalene

Concen: 145.251 ng/ul

RT: 13.528 min Scan# 1792

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

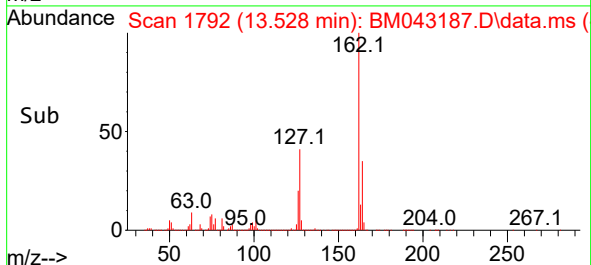
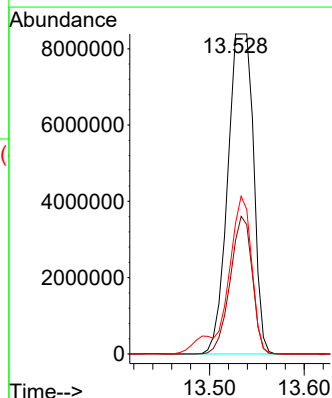
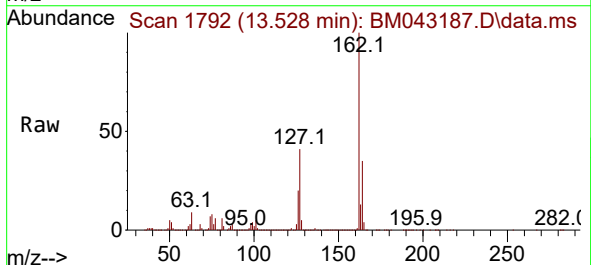
Tgt Ion:162 Resp:15798941

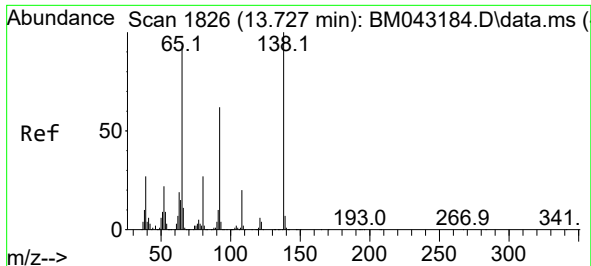
Ion Ratio Lower Upper

162 100

164 35.5 26.4 39.6

127 41.0 30.0 45.0

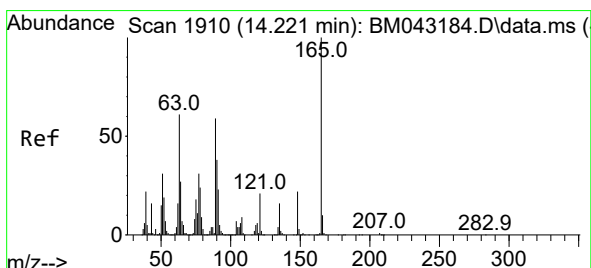
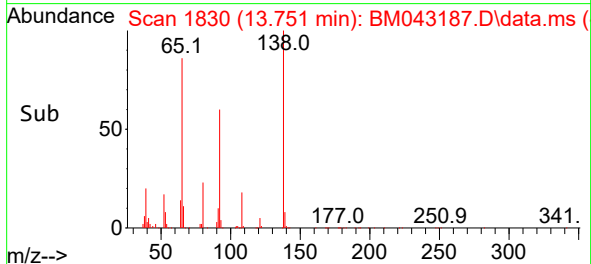
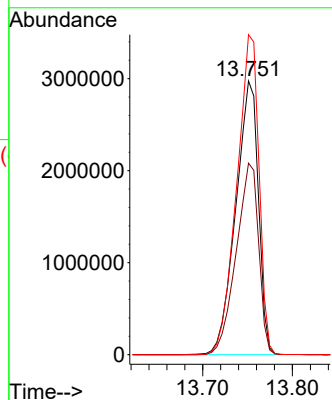
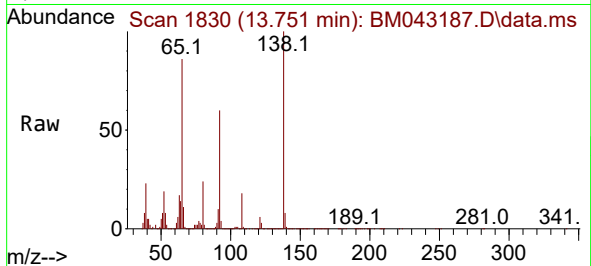




#45
2-Nitroaniline
Concen: 181.026 ng/ul
RT: 13.751 min Scan# 1830
Delta R.T. 0.024 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

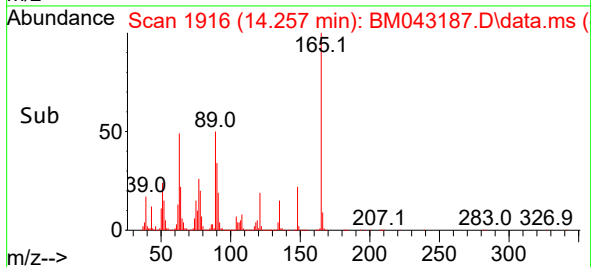
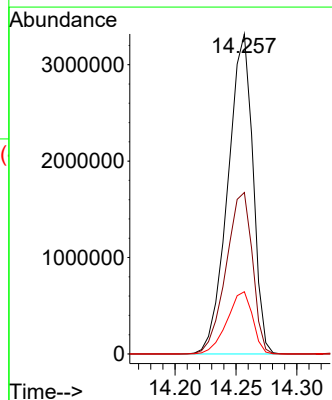
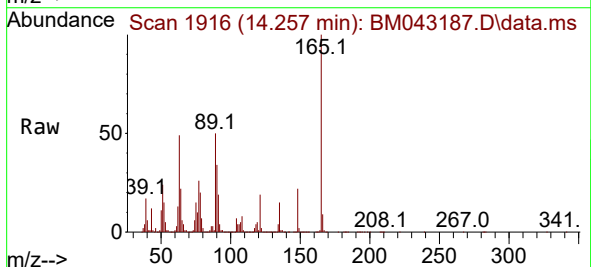
Instrument :
BNA_M
ClientSampleId :
SSTD160039

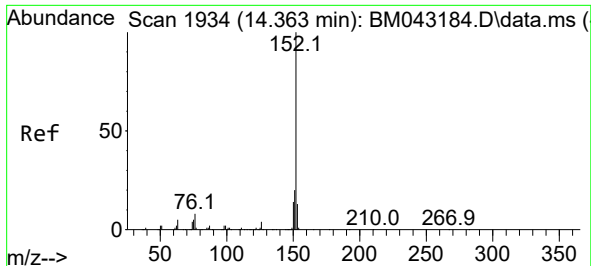
Tgt Ion: 65 Resp: 5203192
Ion Ratio Lower Upper
65 100
92 70.0 53.4 80.0
138 116.9 86.2 129.2



#48
2,6-Dinitrotoluene
Concen: 188.712 ng/ul
RT: 14.257 min Scan# 1916
Delta R.T. 0.035 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:165 Resp: 4741614
Ion Ratio Lower Upper
165 100
89 50.4 47.5 71.3
121 19.5 17.1 25.7

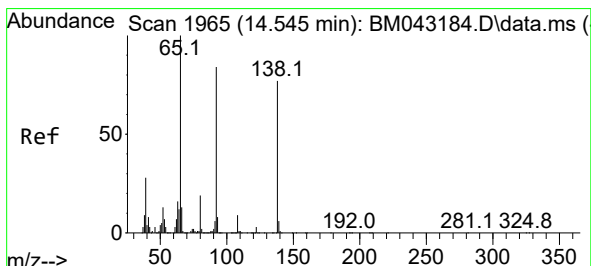
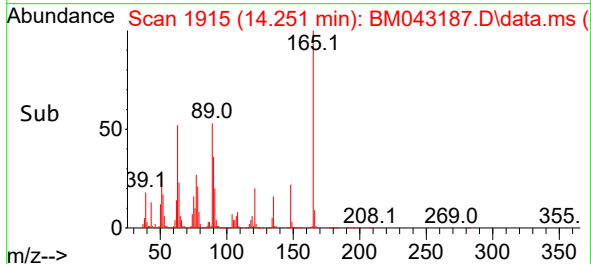
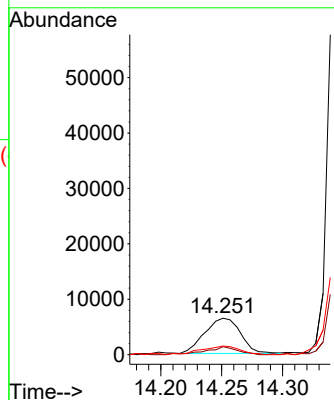
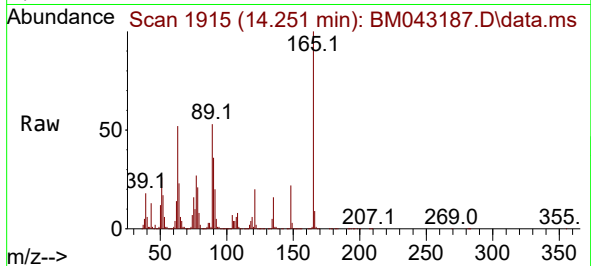




#50
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.251 min Scan# 1915
Delta R.T. -0.112 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

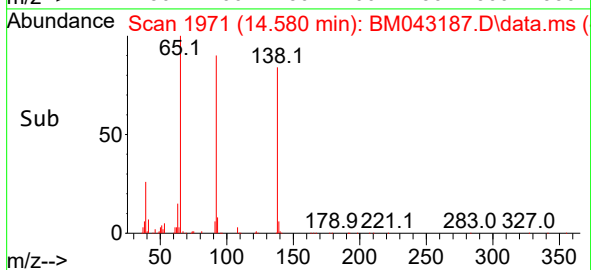
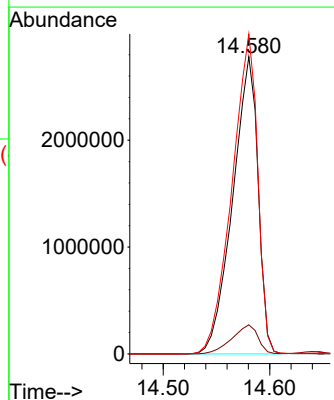
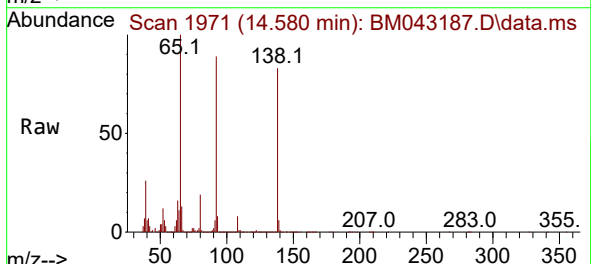
Instrument :
BNA_M
ClientSampleId :
SSTD160039

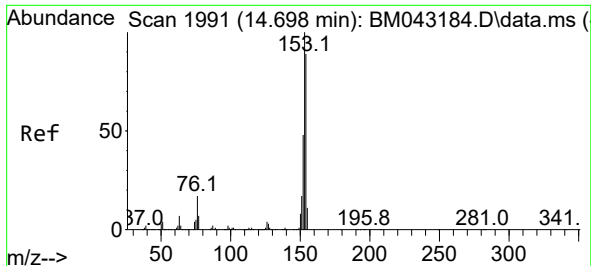
Tgt Ion:152 Resp: 12978
Ion Ratio Lower Upper
152 100
151 22.1 16.0 24.0
153 23.9 10.3 15.5#



#51
3-Nitroaniline
Concen: 166.109 ng/ul
RT: 14.580 min Scan# 1971
Delta R.T. 0.035 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:138 Resp: 4595240
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 107.7 87.9 131.9

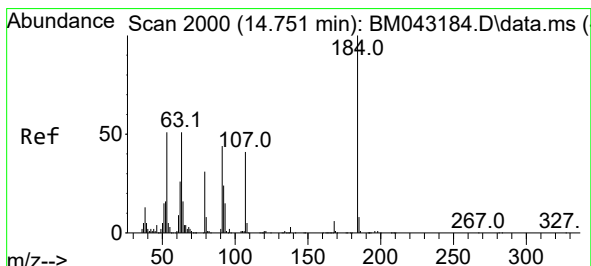
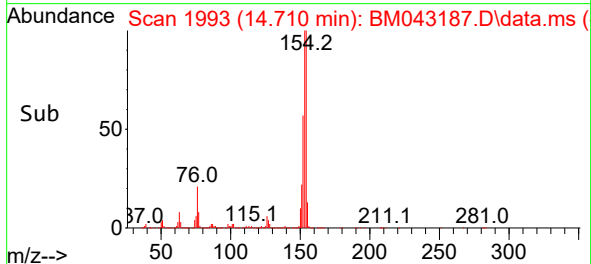
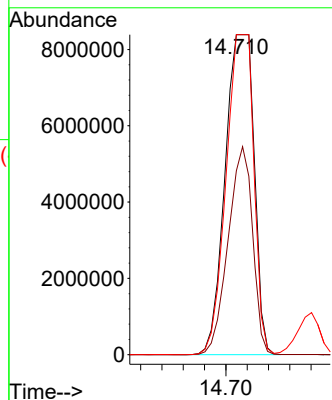
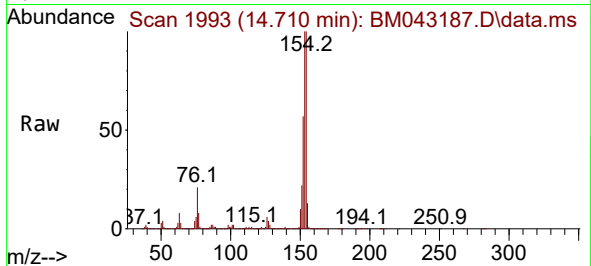




#52
Acenaphthene
Concen: 132.695 ng/ul
RT: 14.710 min Scan# 1991
Delta R.T. 0.012 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

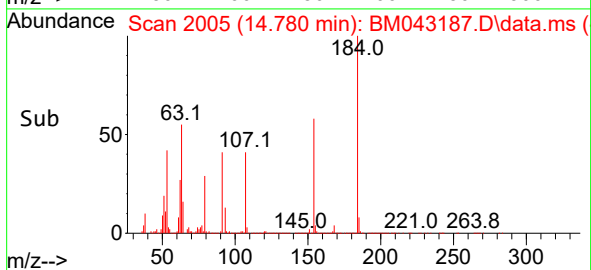
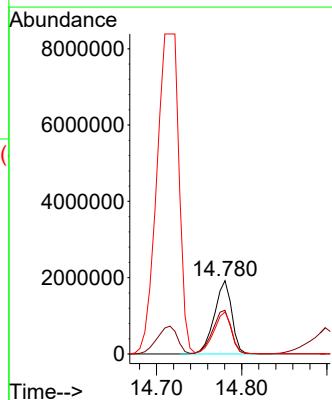
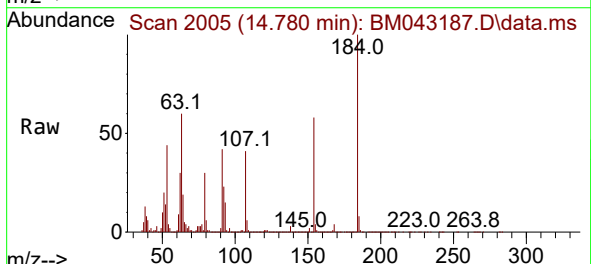
Instrument :
BNA_M
ClientSampleId :
SSTD160039

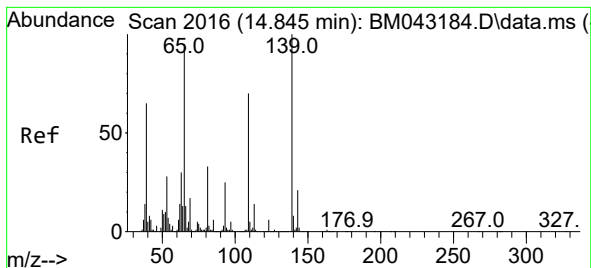
Tgt Ion:153 Resp:15913669
Ion Ratio Lower Upper
153 100
152 57.5 38.6 58.0
154 100.0 71.6 107.4



#53
2,4-Dinitrophenol
Concen: 269.098 ng/ul
RT: 14.780 min Scan# 2005
Delta R.T. 0.030 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:184 Resp: 2731501
Ion Ratio Lower Upper
184 100
63 59.6 52.2 78.4
154 57.5 47.8 71.8

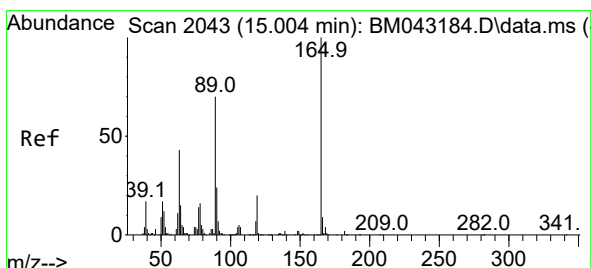
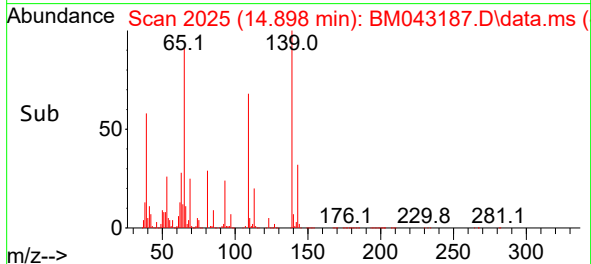
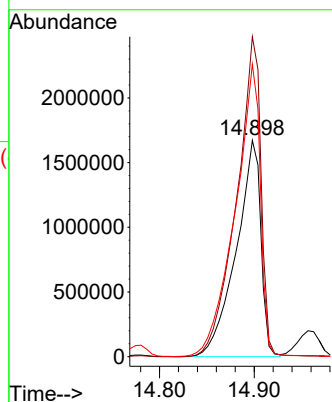
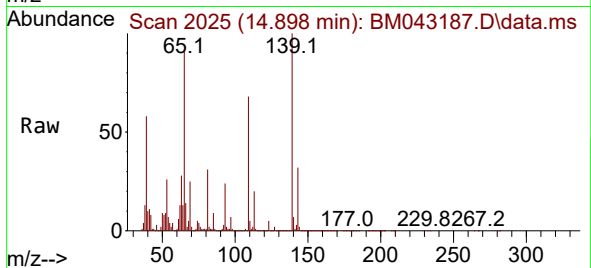




#55
4-Nitrophenol
Concen: 168.486 ng/ul
RT: 14.898 min Scan# 2016
Delta R.T. 0.053 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

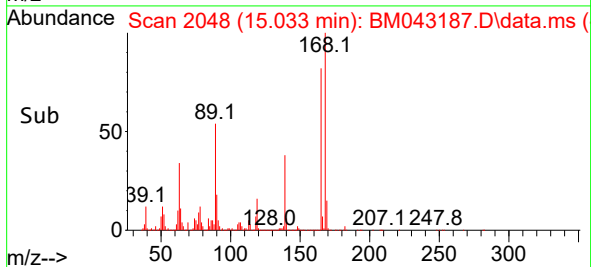
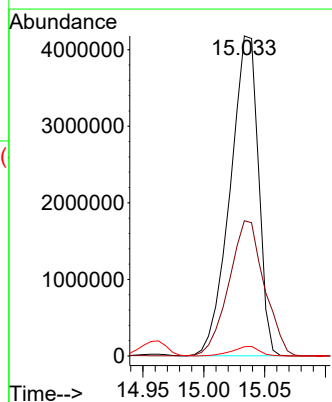
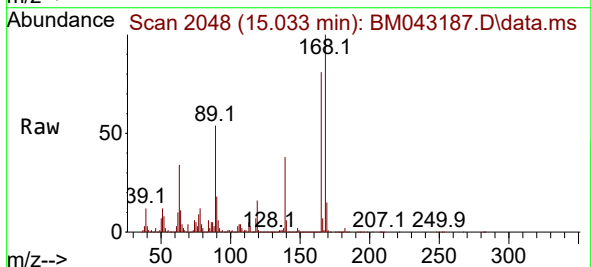
Instrument :
BNA_M
ClientSampleId :
SSTD160039

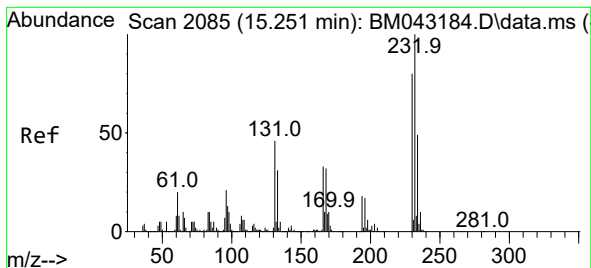
Tgt Ion:109 Resp: 3003569
Ion Ratio Lower Upper
109 100
139 147.9 114.7 172.1
65 135.1 109.5 164.3



#57
2,4-Dinitrotoluene
Concen: 187.982 ng/ul
RT: 15.033 min Scan# 2048
Delta R.T. 0.030 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:165 Resp: 6743961
Ion Ratio Lower Upper
165 100
63 42.2 34.6 52.0
182 2.9 2.1 3.1

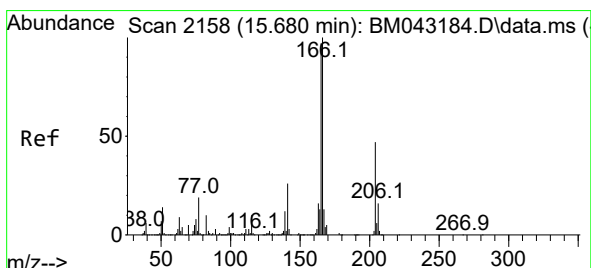
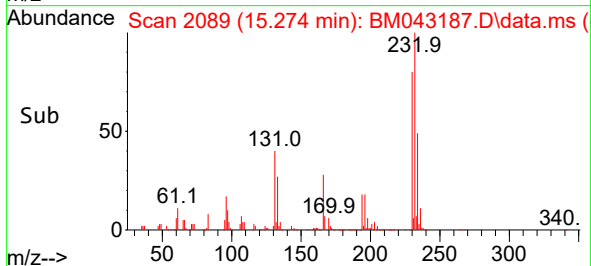
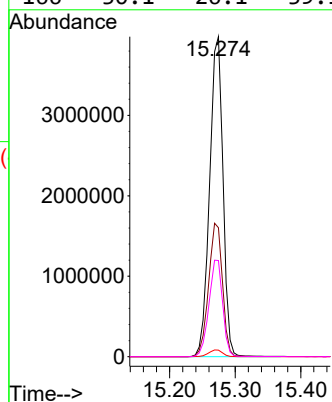
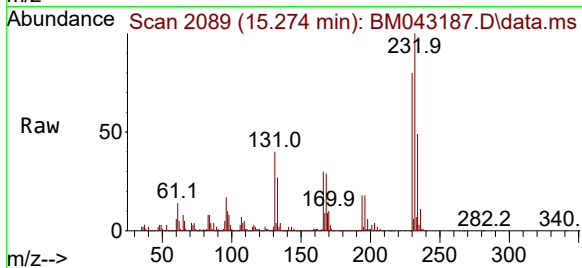




#58
2,3,4,6-Tetrachlorophenol
Concen: 187.219 ng/ul
RT: 15.274 min Scan# 2085
Delta R.T. 0.024 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

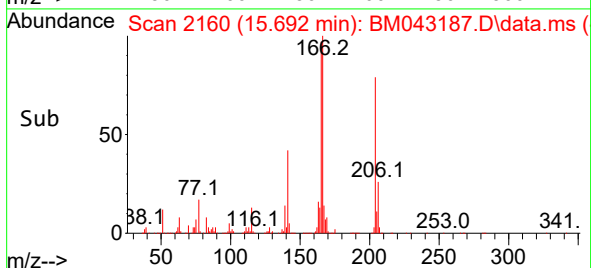
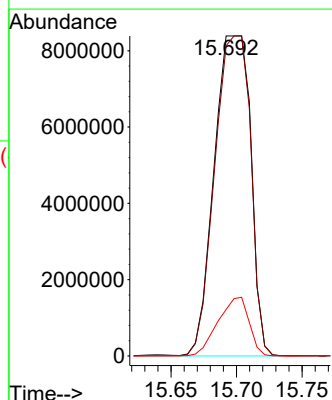
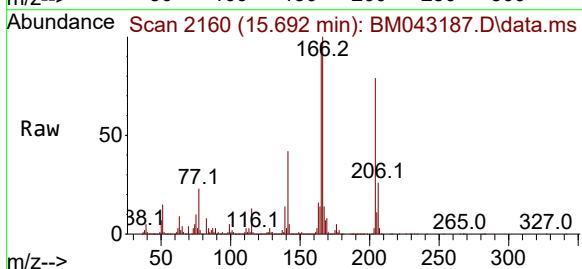
Instrument :
BNA_M
ClientSampleId :
SSTD160039

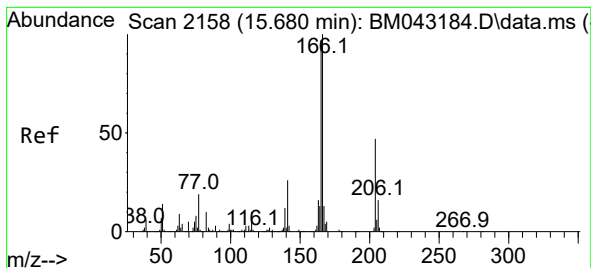
Tgt Ion:232 Resp: 5655966
Ion Ratio Lower Upper
232 100
131 40.3 37.0 55.4
130 2.1 1.9 2.9
166 30.1 26.1 39.1



#61
Fluorene
Concen: 114.569 ng/ul
RT: 15.692 min Scan# 2160
Delta R.T. 0.012 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:166 Resp:16246856
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 14.5 10.7 16.1

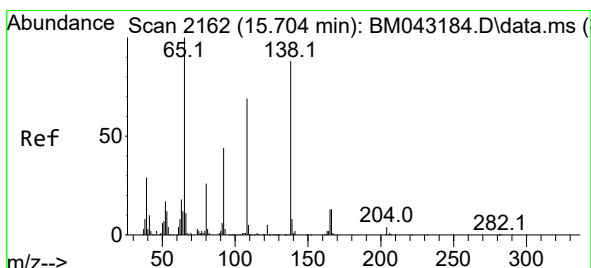
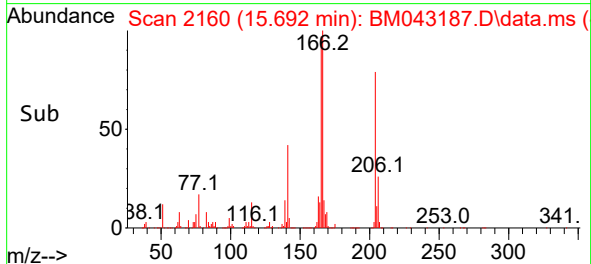
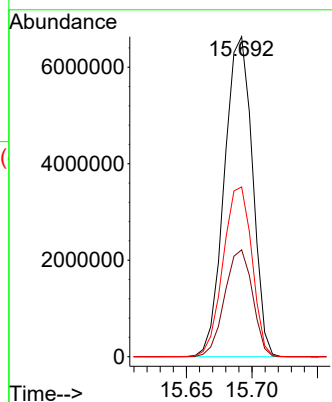
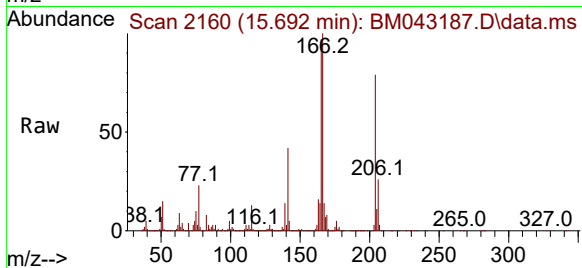




#62
4-Chlorophenyl-phenylether
Concen: 141.034 ng/ul
RT: 15.692 min Scan# 2160
Delta R.T. 0.012 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

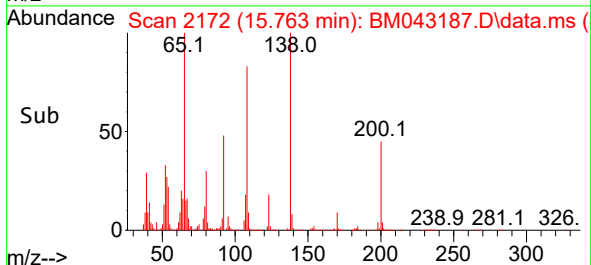
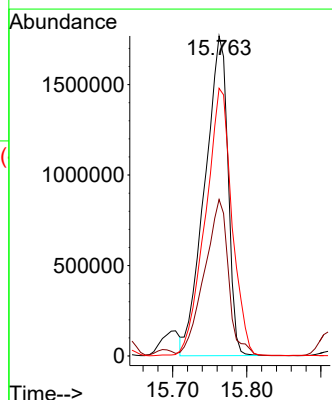
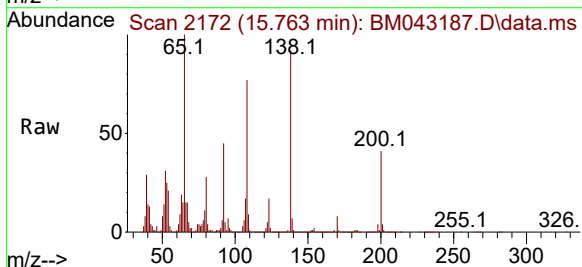
Instrument :
BNA_M
ClientSampleId :
SSTD160039

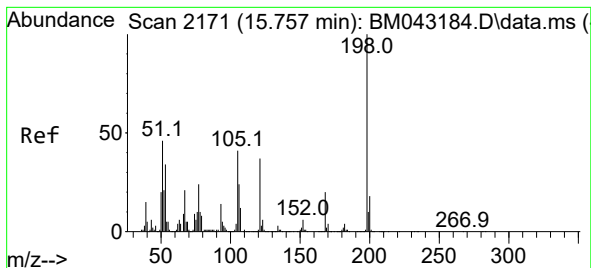
Tgt Ion:204 Resp: 9880728
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 53.0 44.2 66.4



#63
4-Nitroaniline
Concen: 135.813 ng/ul
RT: 15.763 min Scan# 2172
Delta R.T. 0.059 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:138 Resp: 3833967
Ion Ratio Lower Upper
138 100
92 48.9 40.1 60.1
108 83.6 63.0 94.6

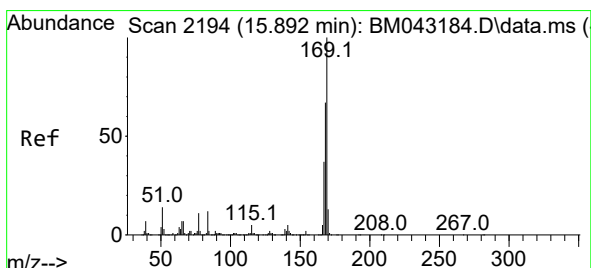
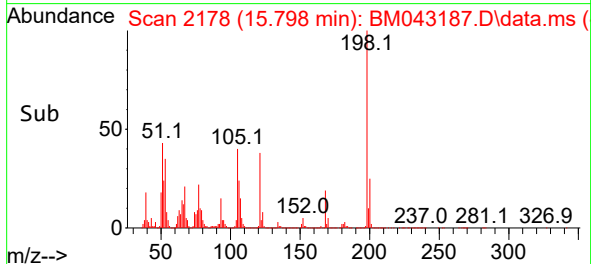
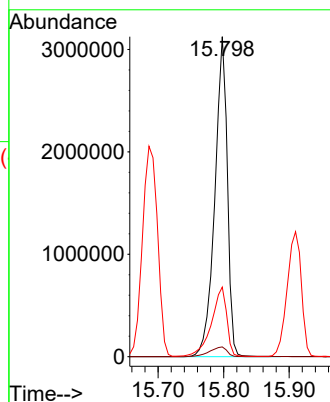
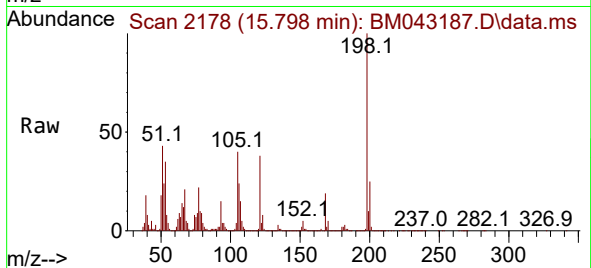




#66
4,6-Dinitro-2-methylphenol
Concen: 231.854 ng/ul
RT: 15.798 min Scan# 2178
Delta R.T. 0.041 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

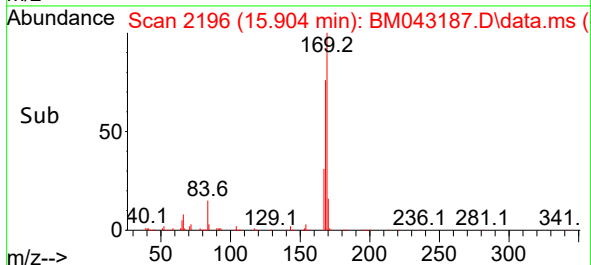
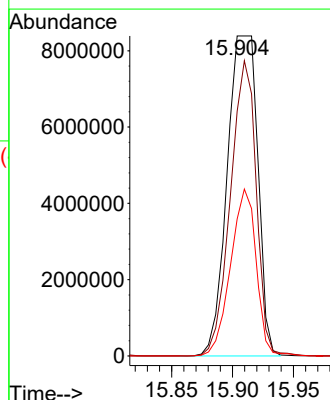
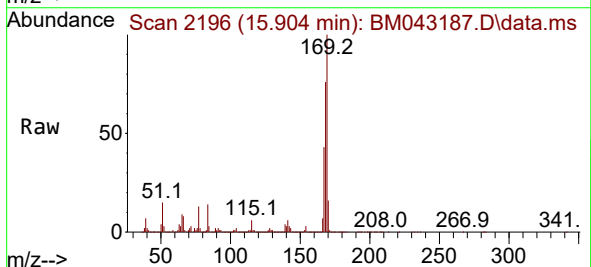
Instrument :
BNA_M
ClientSampleId :
SSTD160039

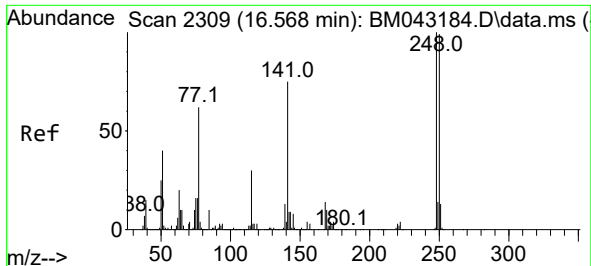
Tgt Ion:198 Resp: 4141764
Ion Ratio Lower Upper
198 100
182 3.0 3.2 4.8#
77 21.7 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 135.538 ng/ul
RT: 15.904 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:169 Resp:14703508
Ion Ratio Lower Upper
169 100
168 76.4 53.4 80.2
167 42.8 29.4 44.0

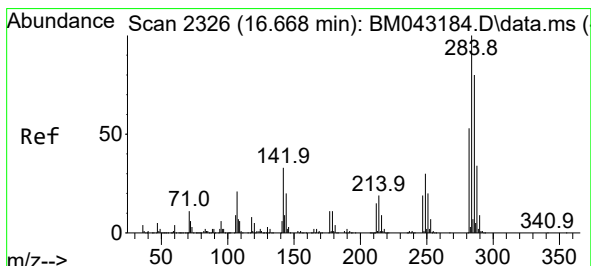
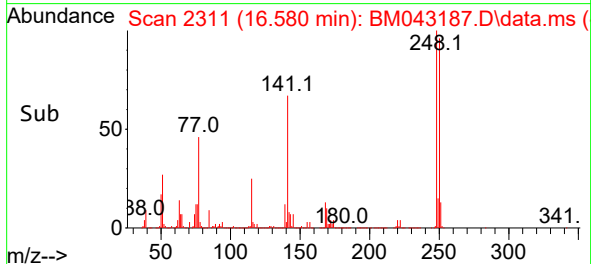
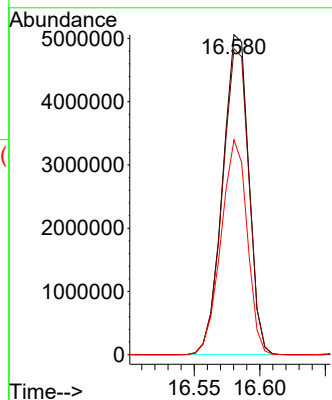
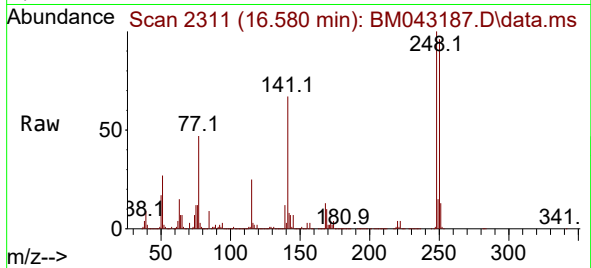




#68
4-Bromophenyl-phenylether
Concen: 179.097 ng/ul
RT: 16.580 min Scan# 211
Delta R.T. 0.012 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

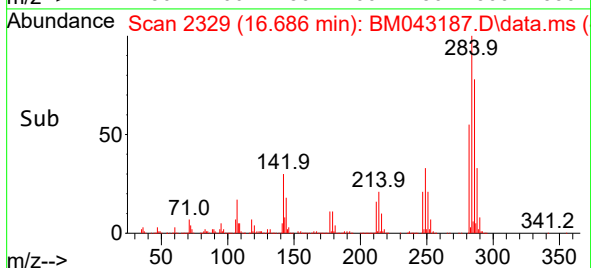
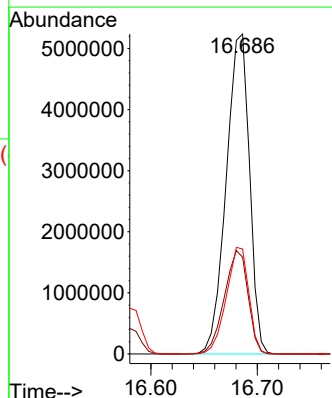
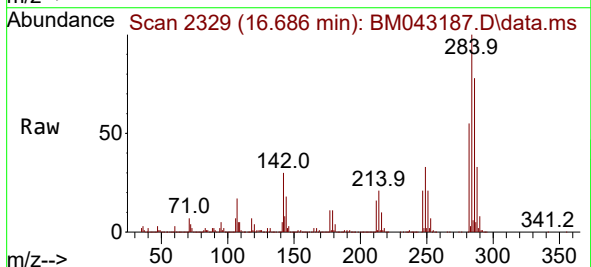
Instrument :
BNA_M
ClientSampleId :
SSTD160039

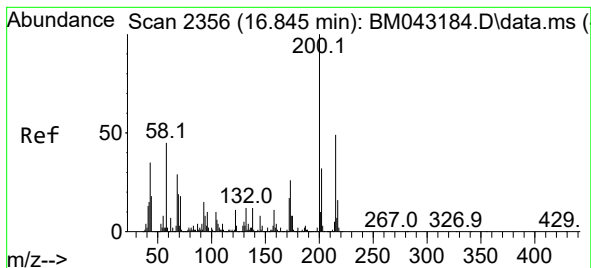
Tgt Ion:248 Resp: 7006062
Ion Ratio Lower Upper
248 100
250 95.6 78.9 118.3
141 67.1 60.2 90.2



#69
Hexachlorobenzene
Concen: 171.582 ng/ul
RT: 16.686 min Scan# 2329
Delta R.T. 0.018 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:284 Resp: 7964188
Ion Ratio Lower Upper
284 100
142 30.3 26.7 40.1
249 32.8 24.0 36.0





#70

Atrazine

Concen: 125.156 ng/ul

RT: 16.868 min Scan# 21

Delta R.T. 0.024 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

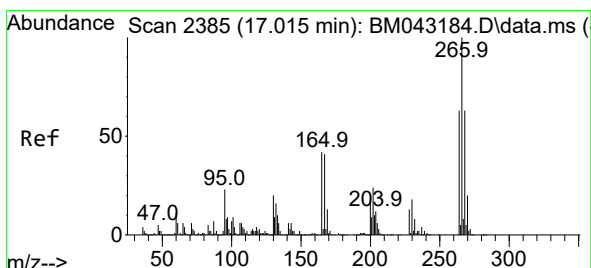
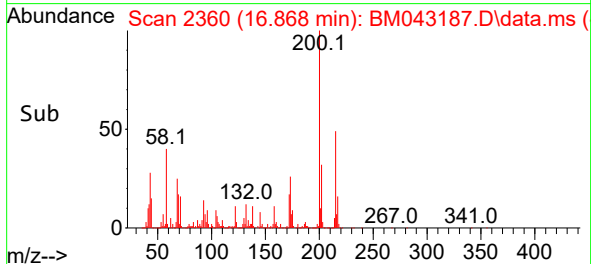
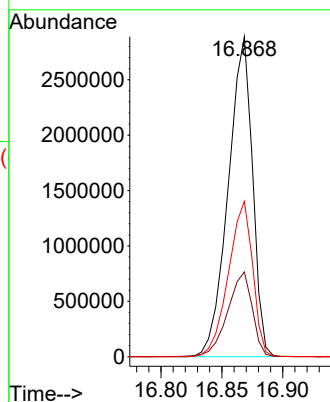
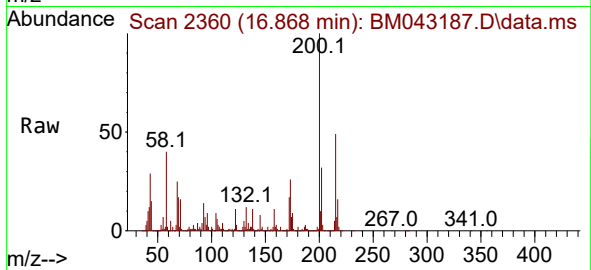
Tgt Ion:200 Resp: 4003175

Ion Ratio Lower Upper

200 100

173 26.5 20.6 30.8

215 48.6 39.4 59.2



#71

Pentachlorophenol

Concen: 202.028 ng/ul

RT: 17.027 min Scan# 2387

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

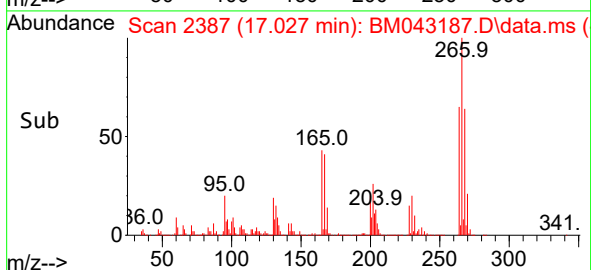
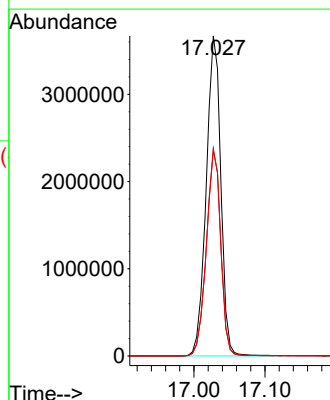
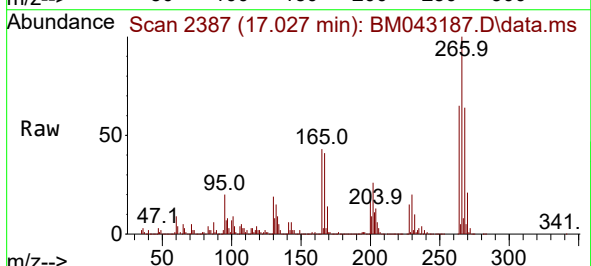
Tgt Ion:266 Resp: 5246007

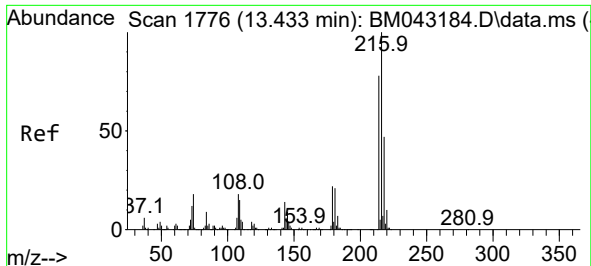
Ion Ratio Lower Upper

266 100

264 64.8 50.5 75.7

268 64.2 50.4 75.6

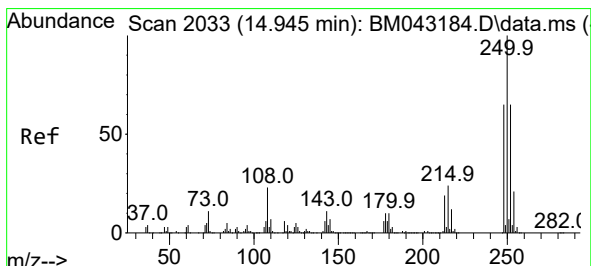
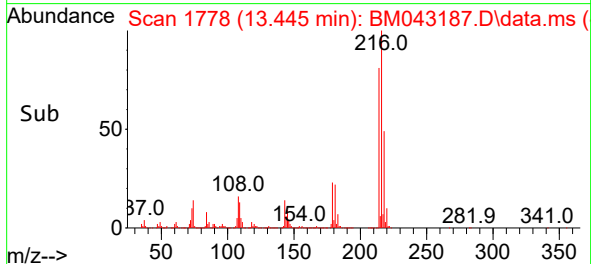
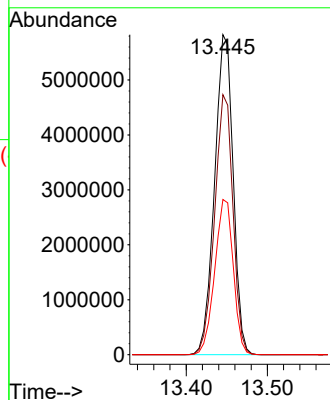
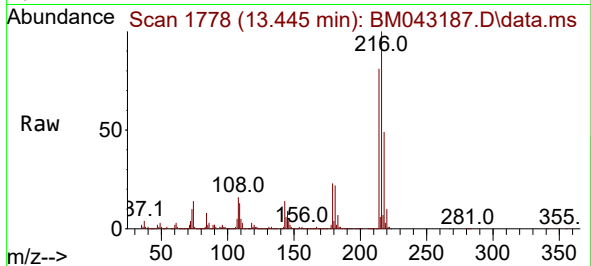




#75
1,2,3,4-Tetrachlorobenzene
Concen: 181.269 ng/uL
RT: 13.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

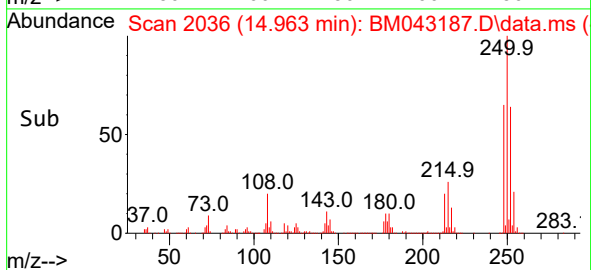
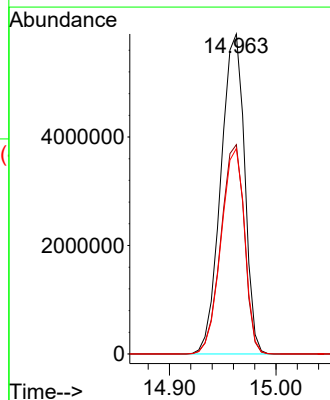
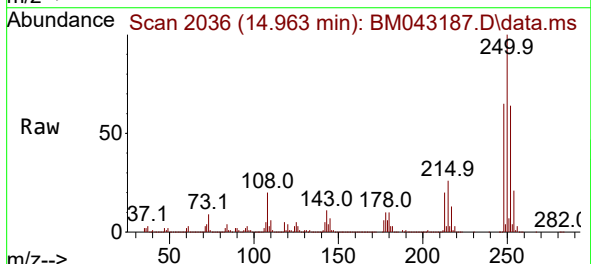
Instrument :
BNA_M
ClientSampleId :
SSTD160039

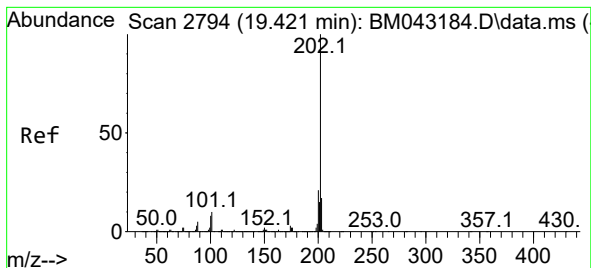
Tgt Ion:216 Resp: 9276993
Ion Ratio Lower Upper
216 100
214 81.2 62.2 93.2
218 48.5 37.6 56.4



#76
Pentachlorobenzene
Concen: 175.371 ng/uL
RT: 14.963 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:250 Resp: 9120885
Ion Ratio Lower Upper
250 100
248 65.4 51.8 77.8
252 64.2 51.9 77.9





#80

Fluoranthene

Concen: 0.360 ng/ul

RT: 19.368 min Scan# 21

Delta R.T. -0.053 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

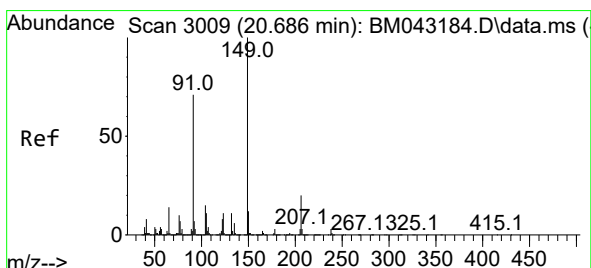
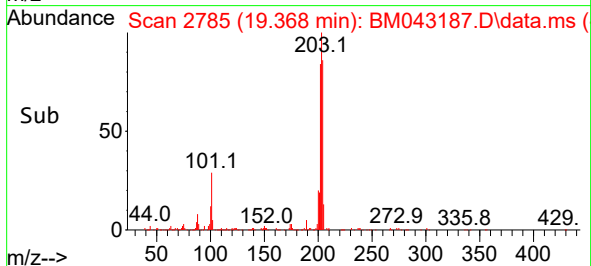
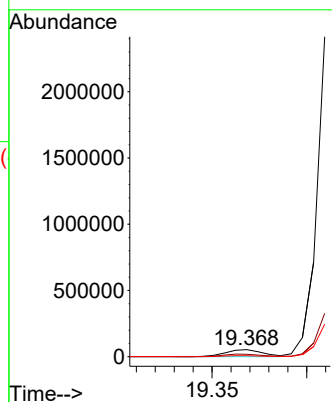
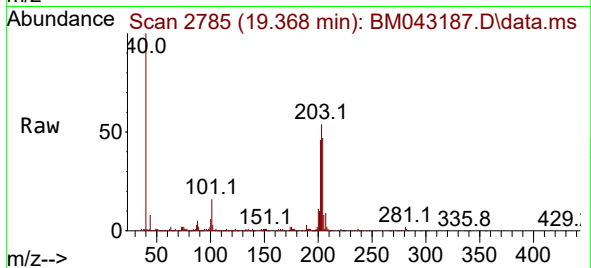
Tgt Ion:202 Resp: 70844

Ion Ratio Lower Upper

202 100

101 34.5 8.2 12.2#

100 14.2 6.1 9.1#



#83

Butylbenzylphthalate

Concen: 162.987 ng/ul

RT: 20.692 min Scan# 3010

Delta R.T. 0.006 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

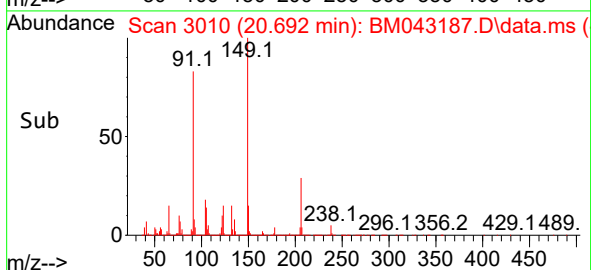
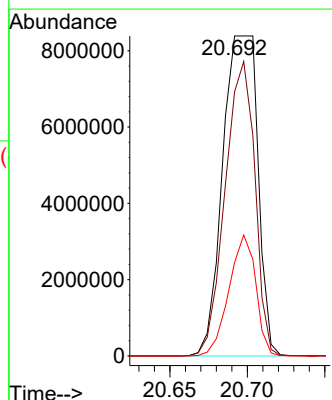
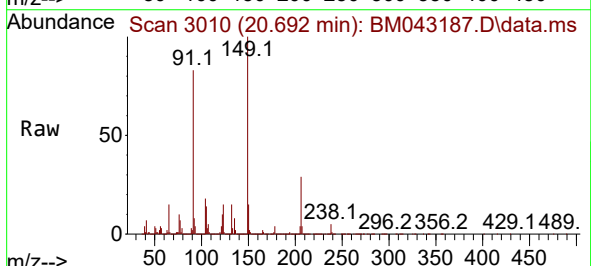
Tgt Ion:149 Resp:13272947

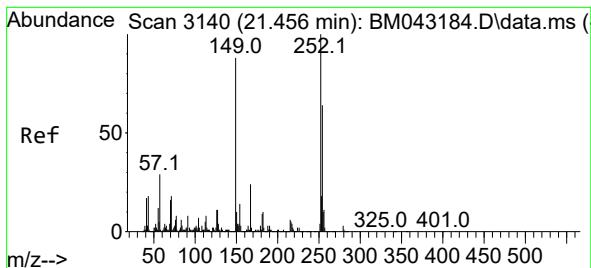
Ion Ratio Lower Upper

149 100

91 82.6 56.9 85.3

206 29.3 16.1 24.1#





#84

3,3'-Dichlorobenzidine

Concen: 138.304 ng/ul

RT: 21.468 min Scan# 3142

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

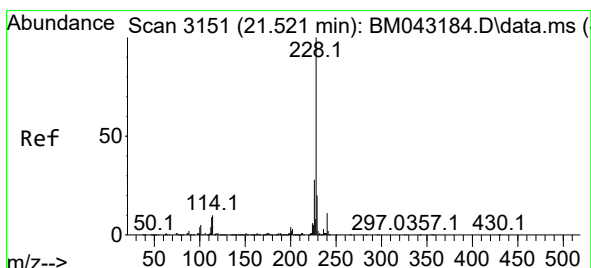
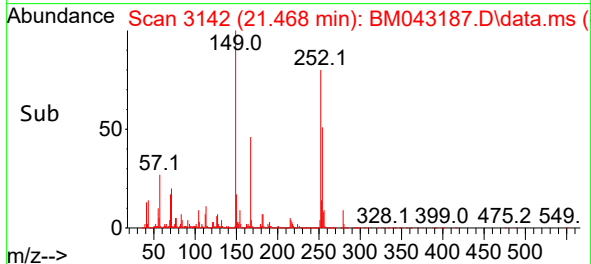
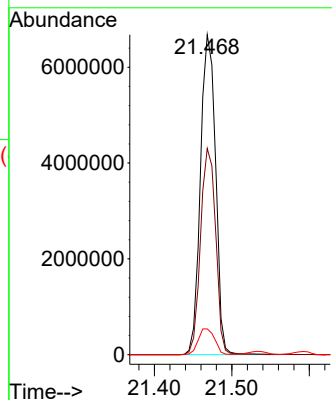
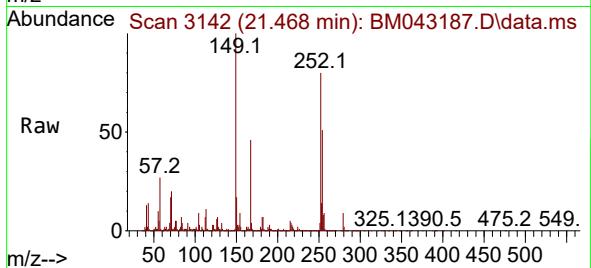
Tgt Ion:252 Resp: 9059136

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 8.1 8.8 13.2#



#85

Benzo(a)anthracene

Concen: 12.851 ng/ul

RT: 21.580 min Scan# 3161

Delta R.T. 0.059 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

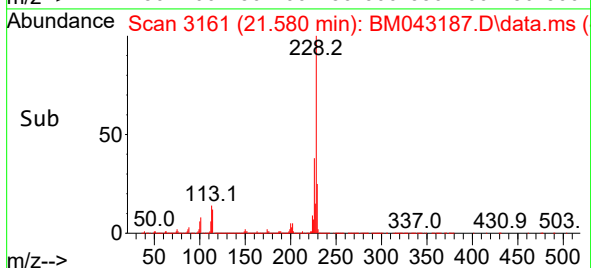
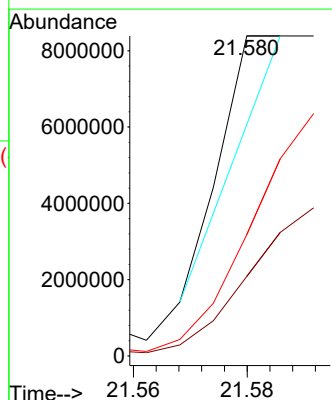
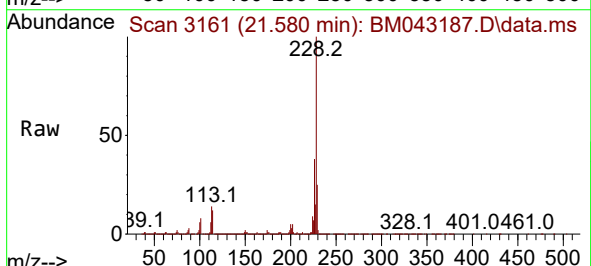
Tgt Ion:228 Resp: 2641851

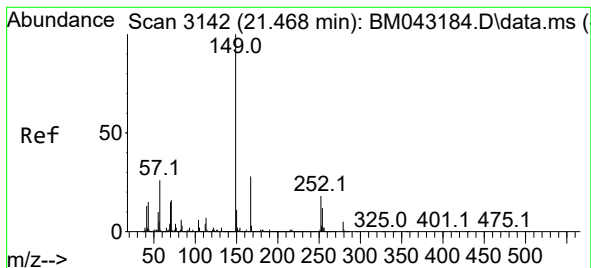
Ion Ratio Lower Upper

228 100

229 24.8 15.8 23.8#

226 37.9 22.2 33.4#

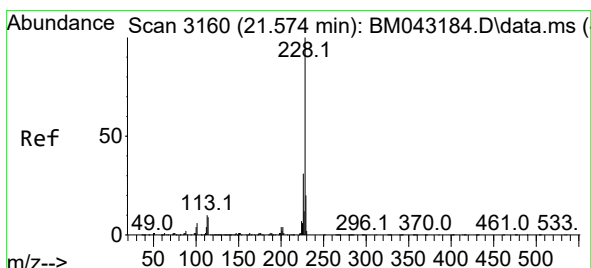
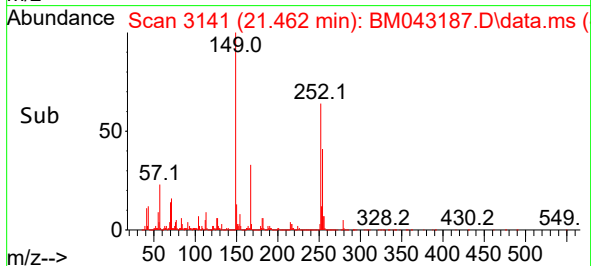
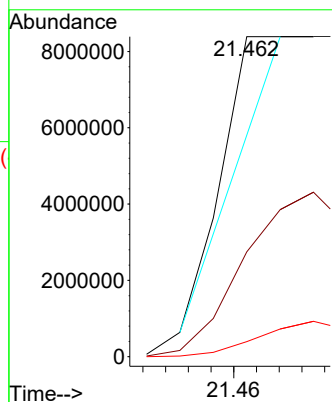
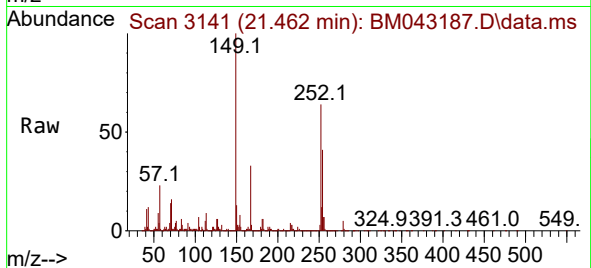




#86
Bis(2-ethylhexyl)phthalate
Concen: 20.614 ng/ul
RT: 21.462 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

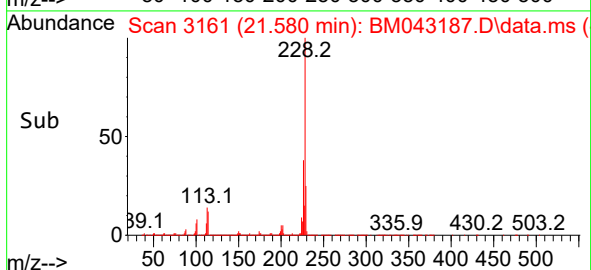
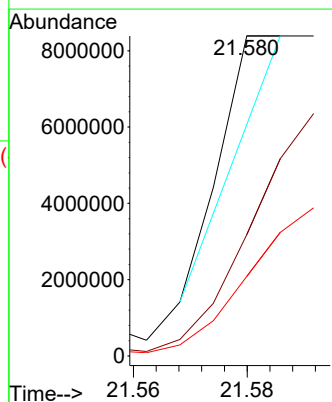
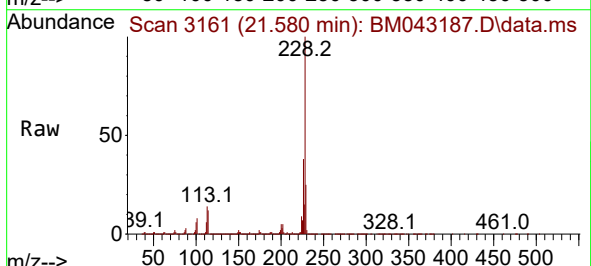
Instrument :
BNA_M
ClientSampleId :
SSTD160039

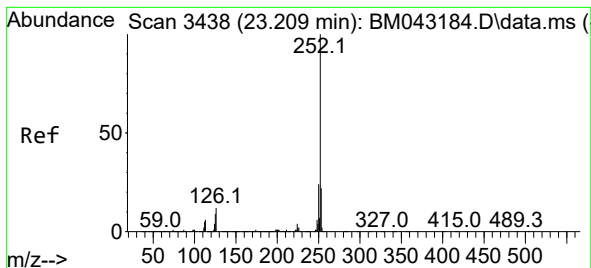
Tgt Ion:149 Resp: 2649991
Ion Ratio Lower Upper
149 100
167 32.8 22.6 34.0
279 4.7 3.7 5.5



#87
Chrysene
Concen: 14.388 ng/ul
RT: 21.580 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BM043187.D
Acq: 07 Dec 2023 18:42

Tgt Ion:228 Resp: 2641851
Ion Ratio Lower Upper
228 100
226 37.9 24.8 37.2#
229 24.8 16.2 24.2#





#90

Benzo(b)fluoranthene

Concen: 8.045 ng/ul

RT: 23.268 min Scan# 34

Delta R.T. 0.059 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

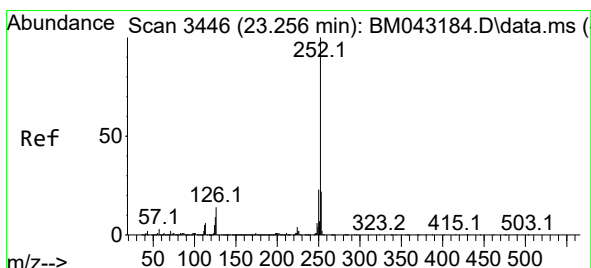
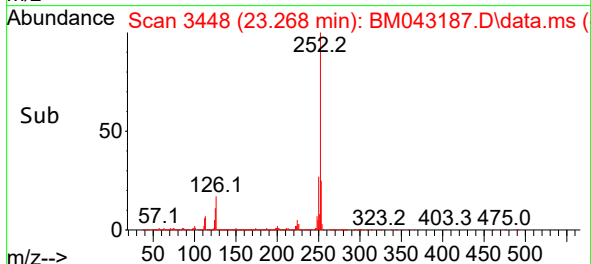
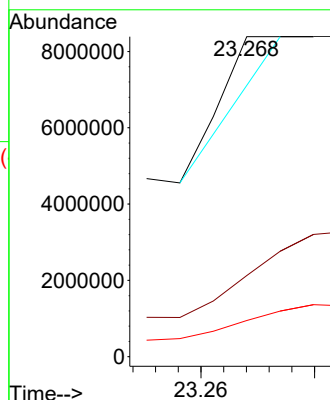
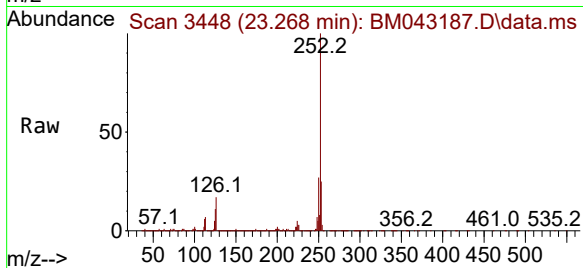
Tgt Ion:252 Resp: 1290907

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.2

125 11.3 7.2 10.8#



#91

Benzo(k)fluoranthene

Concen: 8.077 ng/ul

RT: 23.268 min Scan# 3448

Delta R.T. 0.012 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

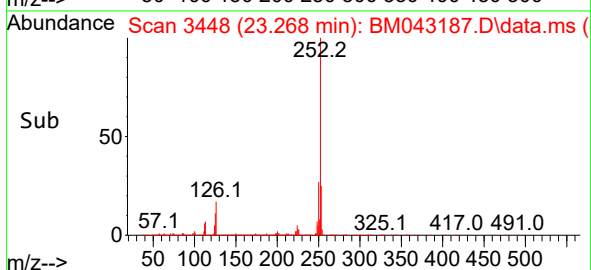
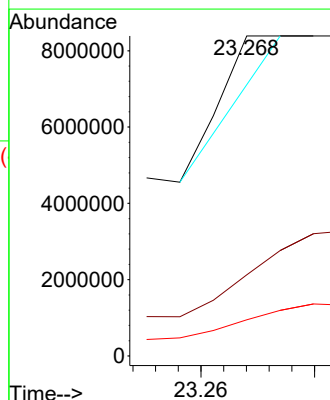
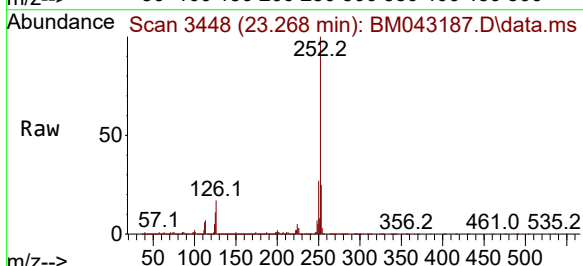
Tgt Ion:252 Resp: 1290907

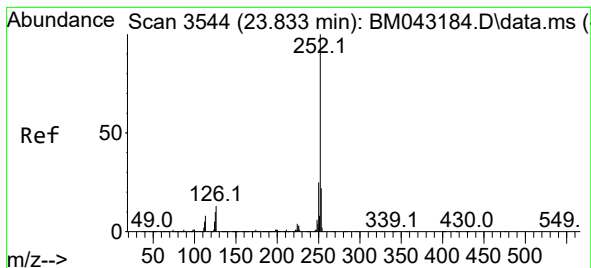
Ion Ratio Lower Upper

252 100

253 25.3 17.9 26.9

125 11.3 7.7 11.5





#93

Benzo(a)pyrene

Concen: 0.791 ng/ul

RT: 23.997 min Scan# 3

Delta R.T. 0.165 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

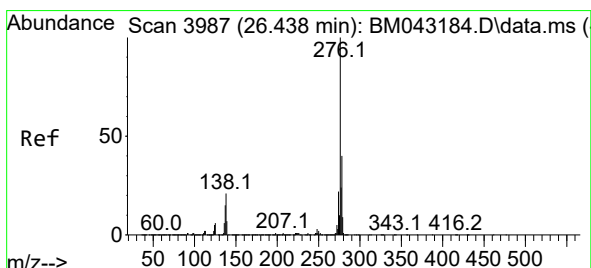
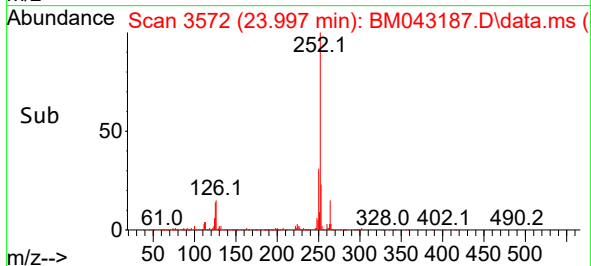
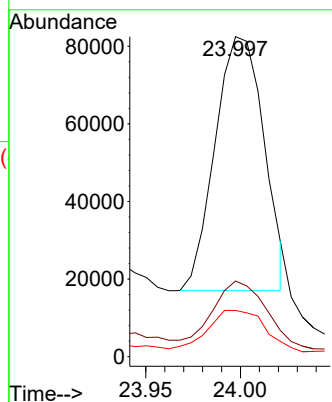
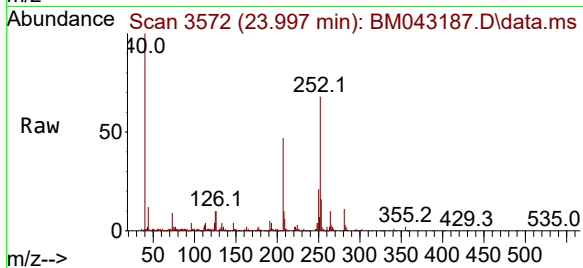
Tgt Ion:252 Resp: 117309

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 14.4 8.4 12.6#



#94

Indeno(1,2,3-cd)pyrene

Concen: 174.850 ng/ul

RT: 26.480 min Scan# 3994

Delta R.T. 0.041 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

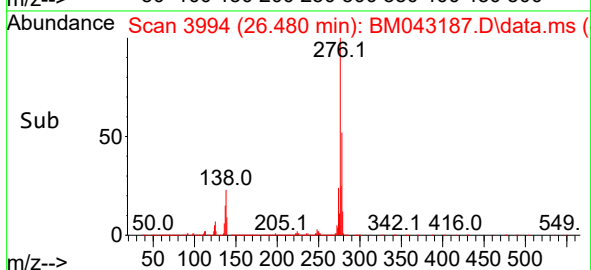
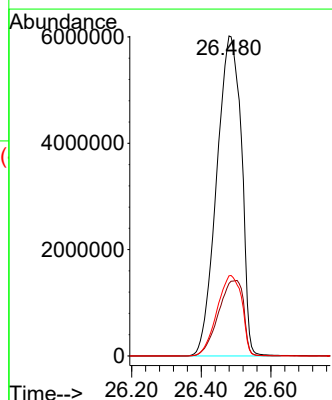
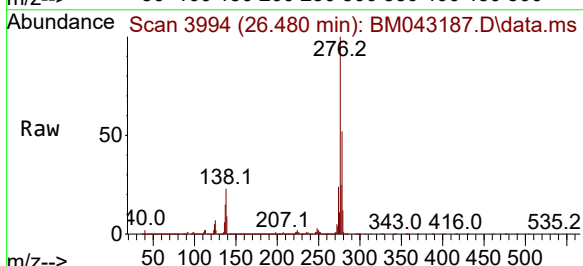
Tgt Ion:276 Resp:29542280

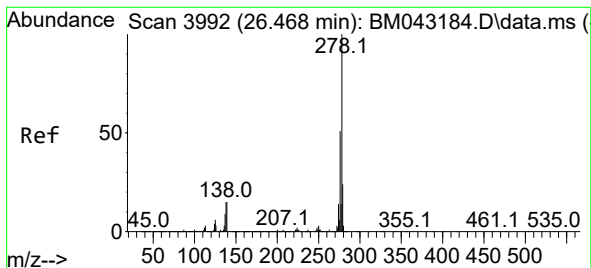
Ion Ratio Lower Upper

276 100

138 22.6 16.9 25.3

277 25.1 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 172.261 ng/ul

RT: 26.509 min Scan# 3999

Delta R.T. 0.041 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Instrument :

BNA_M

ClientSampleId :

SSTD160039

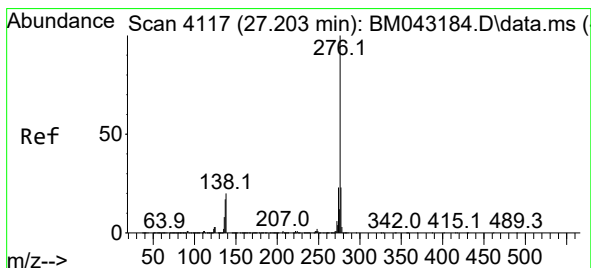
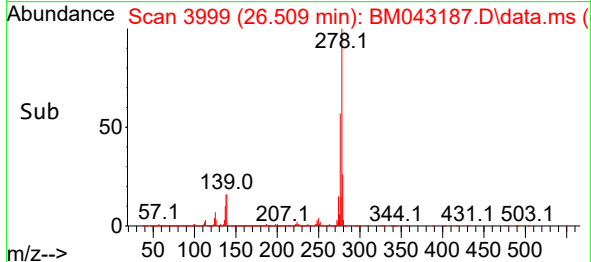
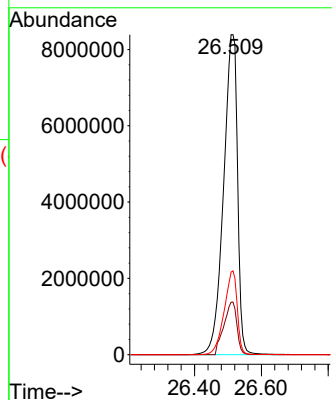
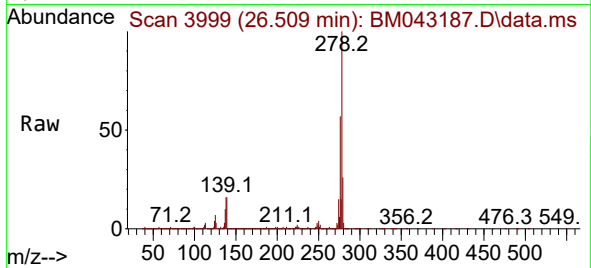
Tgt Ion:278 Resp:24334186

Ion Ratio Lower Upper

278 100

139 16.4 11.9 17.9

279 25.8 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 174.489 ng/ul

RT: 27.262 min Scan# 4127

Delta R.T. 0.059 min

Lab File: BM043187.D

Acq: 07 Dec 2023 18:42

Tgt Ion:276 Resp:22210571

Ion Ratio Lower Upper

276 100

138 21.1 16.2 24.2

277 24.4 18.7 28.1

