

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
 Data File : BM047167.D
 Acq On : 13 Aug 2024 08:45
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 13 10:51:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	212963	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	960183	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	670516	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1484983	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1364118	20.000	ng	0.00
86) Perylene-d12	23.721	264	1665677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	921781	77.341	ng	0.00
7) Phenol-d6	6.581	99	1296641	78.955	ng	0.00
23) Nitrobenzene-d5	8.522	82	1481906	77.713	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	623361	80.178	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3228160	74.264	ng	0.00
79) Terphenyl-d14	19.456	244	5026498	78.957	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	197559	40.006	ng	99
3) Pyridine	3.405	79	503236	34.752	ng	99
4) n-Nitrosodimethylamine	3.328	42	261597	41.349	ng	99
6) Aniline	6.722	93	656682	42.306	ng	99
8) 2-Chlorophenol	6.945	128	530208	40.788	ng	99
9) Benzaldehyde	6.534	77	319410	35.402	ng	98
10) Phenol	6.604	94	631411	38.532	ng	95
11) bis(2-Chloroethyl)ether	6.822	93	583578	41.585	ng	97
12) 1,3-Dichlorobenzene	7.257	146	609225	39.440	ng	98
13) 1,4-Dichlorobenzene	7.404	146	618489	39.546	ng	98
14) 1,2-Dichlorobenzene	7.716	146	577006	39.101	ng	99
15) Benzyl Alcohol	7.622	79	487720	41.728	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.910	45	780112	43.322	ng	99
17) 2-Methylphenol	7.828	107	460238	42.099	ng	98
18) Hexachloroethane	8.422	117	256759	42.382	ng	92
19) n-Nitroso-di-n-propyla...	8.181	70	454960	41.128	ng	98
20) 3+4-Methylphenols	8.157	107	652420	42.687	ng	98
22) Acetophenone	8.192	105	847182	36.552	ng	98
24) Nitrobenzene	8.563	77	773587	40.288	ng	100
25) Isophorone	9.087	82	1310738	39.478	ng	99
26) 2-Nitrophenol	9.263	139	333803	39.254	ng	99
27) 2,4-Dimethylphenol	9.339	122	394729	39.627	ng	99
28) bis(2-Chloroethoxy)met...	9.575	93	847573	40.570	ng	99
29) 2,4-Dichlorophenol	9.792	162	581792	39.364	ng	98
30) 1,2,4-Trichlorobenzene	9.998	180	636923	38.080	ng	98
31) Naphthalene	10.175	128	1838333	38.432	ng	100
32) Benzoic acid	9.516	122	482964	41.733	ng	99
33) 4-Chloroaniline	10.304	127	765158	41.597	ng	99
34) Hexachlorobutadiene	10.463	225	357368	36.504	ng	99
35) Caprolactam	11.110	113	211258	41.159	ng	95
36) 4-Chloro-3-methylphenol	11.451	107	656656	41.718	ng	99
37) 2-Methylnaphthalene	11.804	142	1344596	39.481	ng	99
38) 1-Methylnaphthalene	12.028	142	1324801	39.360	ng	99
40) 1,2,4,5-Tetrachloroben...	12.186	216	658042	35.981	ng	99
41) Hexachlorocyclopentadiene	12.163	237	238632	37.367	ng	96
43) 2,4,6-Trichlorophenol	12.445	196	485188	37.325	ng	98

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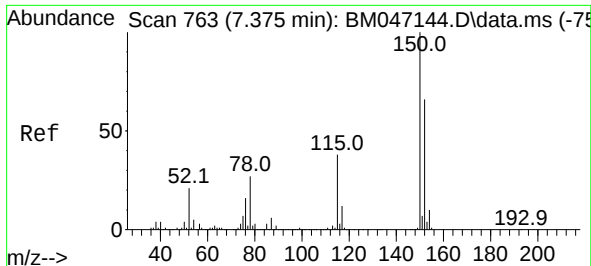
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	544029	37.694	ng	96
46) 1,1'-Biphenyl	12.851	154	1792029	37.541	ng	99
47) 2-Chloronaphthalene	12.886	162	1387550	37.190	ng	99
48) 2-Nitroaniline	13.110	65	500220	42.796	ng	94
49) Acenaphthylene	13.745	152	2127273	38.680	ng	99
50) Dimethylphthalate	13.510	163	1838573	39.261	ng	100
51) 2,6-Dinitrotoluene	13.627	165	437891	40.001	ng	100
52) Acenaphthene	14.092	154	1357337	38.908	ng	99
53) 3-Nitroaniline	13.957	138	456016	41.572	ng	99
54) 2,4-Dinitrophenol	14.169	184	259117	39.493	ng	95
55) Dibenzofuran	14.433	168	2120042	38.474	ng	98
56) 4-Nitrophenol	14.292	139	397160	41.988	ng	92
57) 2,4-Dinitrotoluene	14.421	165	602972	41.267	ng	94
58) Fluorene	15.092	166	1824373	40.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	464947	39.197	ng	97
60) Diethylphthalate	14.892	149	1946496	40.704	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	835634	38.605	ng	99
62) 4-Nitroaniline	15.133	138	454728	42.078	ng	97
63) Azobenzene	15.392	77	1906835	42.054	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	349994	40.255	ng	94
66) n-Nitrosodiphenylamine	15.316	169	1550846	38.342	ng	100
67) 4-Bromophenyl-phenylether	15.992	248	529484	37.002	ng	96
68) Hexachlorobenzene	16.098	284	648619	37.847	ng	100
69) Atrazine	16.286	200	459262	37.733	ng	99
70) Pentachlorophenol	16.451	266	469250	39.061	ng	98
71) Phenanthrene	16.833	178	2926921	39.274	ng	100
72) Anthracene	16.921	178	2864326	39.500	ng	100
73) Carbazole	17.204	167	2947441	39.809	ng	100
74) Di-n-butylphthalate	17.792	149	3502202	40.652	ng	99
75) Fluoranthene	18.868	202	3603564	39.754	ng	99
77) Benzidine	19.074	184	1631636	70.532	ng	100
78) Pyrene	19.233	202	3828549	39.307	ng	99
80) Butylbenzylphthalate	20.174	149	1641984	41.308	ng	99
81) Benzo(a)anthracene	21.009	228	3587124	39.611	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	1167523	41.206	ng	100
83) Chrysene	21.068	228	3347356	38.959	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	2309789	40.974	ng	99
85) Di-n-octyl phthalate	22.003	149	3963041	41.361	ng	99
87) Indeno(1,2,3-cd)pyrene	26.721	276	4329750	40.215	ng	100
88) Benzo(b)fluoranthene	22.880	252	3927986	39.710	ng	99
89) Benzo(k)fluoranthene	22.939	252	3689671	39.490	ng	99
90) Benzo(a)pyrene	23.597	252	3440948	40.156	ng	99
91) Dibenzo(a,h)anthracene	26.762	278	3499807	40.167	ng	100
92) Benzo(g,h,i)perylene	27.650	276	3649995	40.347	ng	99

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

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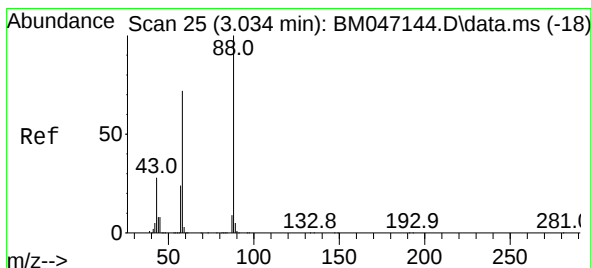
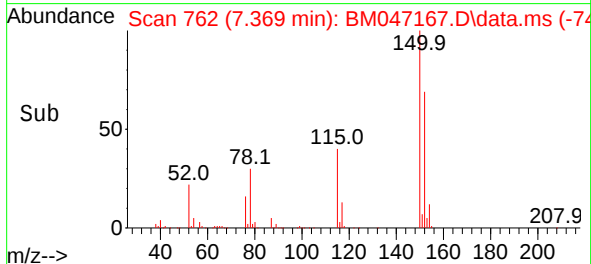
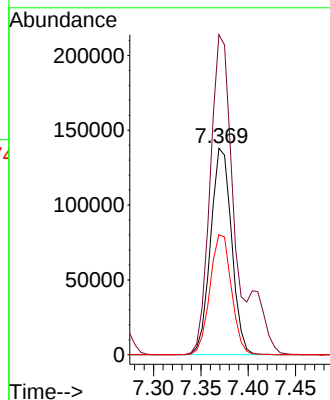
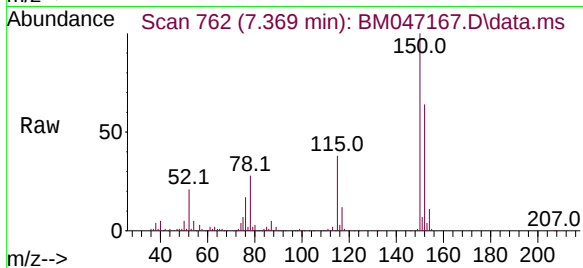




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

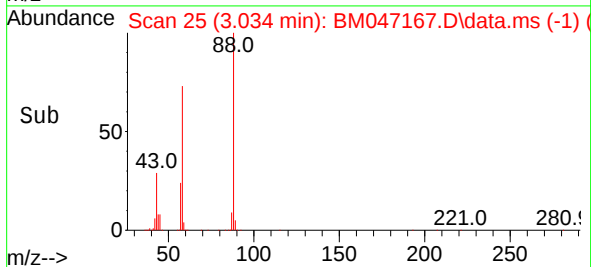
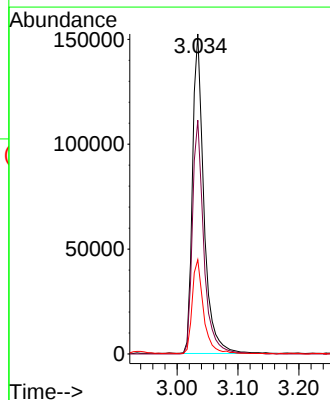
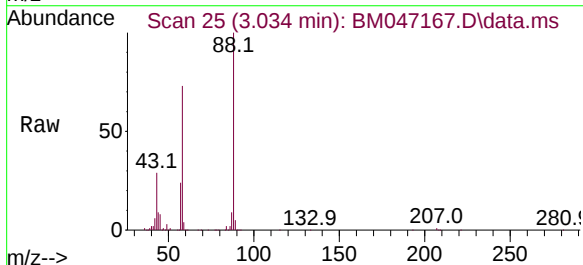
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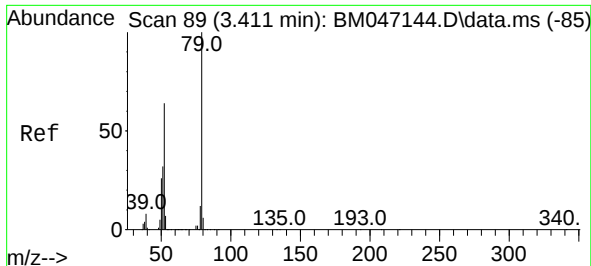
Tgt Ion:152 Resp: 212963
Ion Ratio Lower Upper
152 100
150 155.1 120.5 180.7
115 58.2 45.5 68.3



#2
1,4-Dioxane
Concen: 40.006 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion: 88 Resp: 197559
Ion Ratio Lower Upper
88 100
58 73.3 58.2 87.4
43 29.1 22.5 33.7

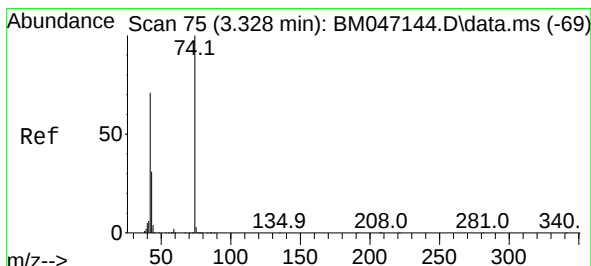
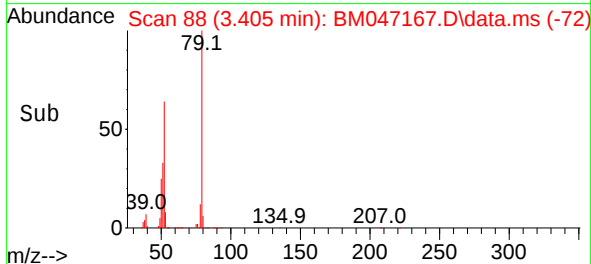
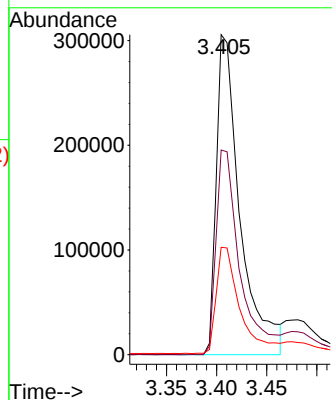
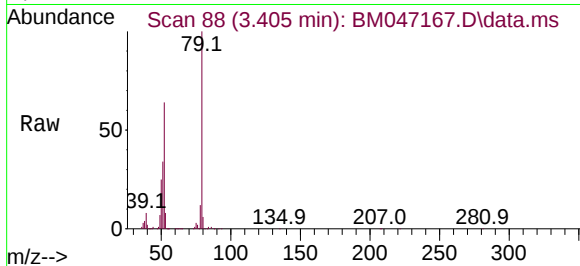




#3
 Pyridine
 Concen: 34.752 ng
 RT: 3.405 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BM047167.D
 Acq: 13 Aug 2024 08:45

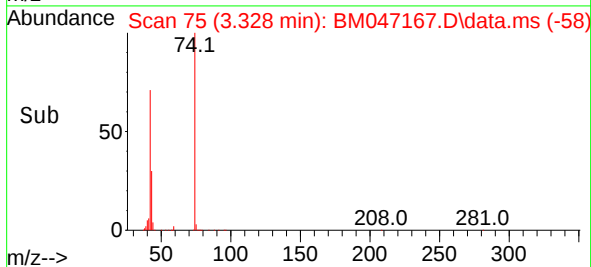
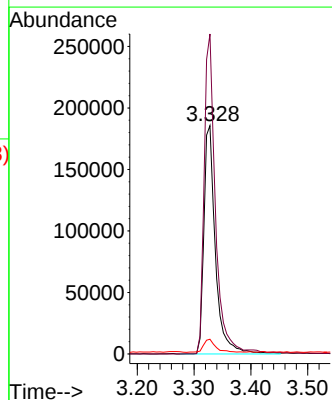
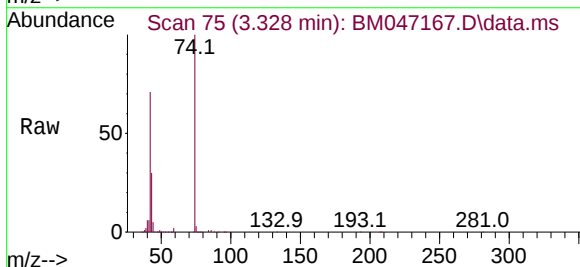
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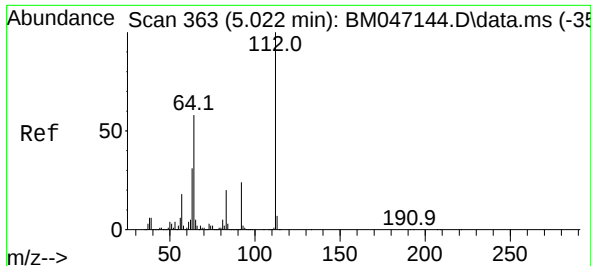
Tgt Ion: 79 Resp: 503236
 Ion Ratio Lower Upper
 79 100
 52 63.9 51.2 76.8
 51 33.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 41.349 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047167.D
 Acq: 13 Aug 2024 08:45

Tgt Ion: 42 Resp: 261597
 Ion Ratio Lower Upper
 42 100
 74 140.2 112.9 169.3
 44 6.5 5.3 7.9

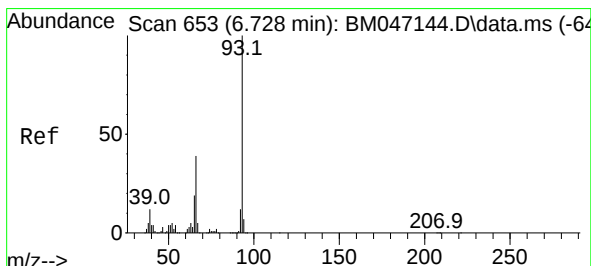
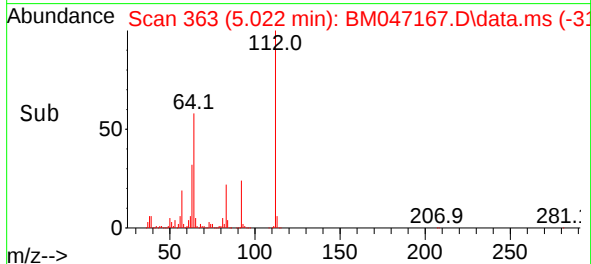
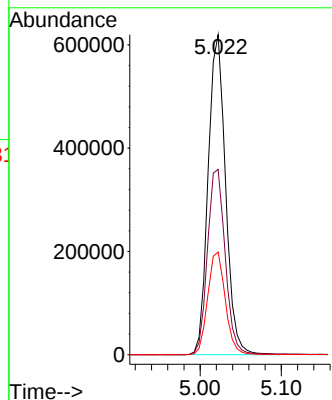
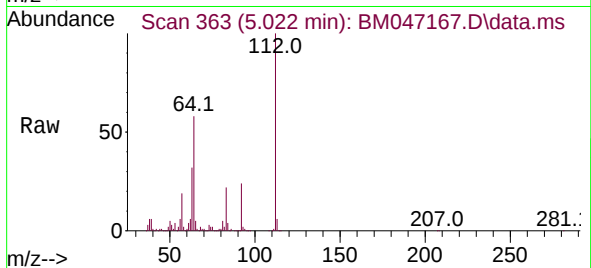




#5
2-Fluorophenol
Concen: 77.341 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

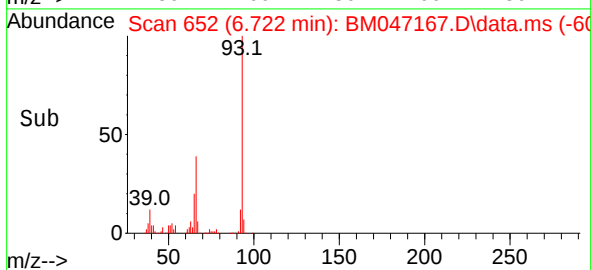
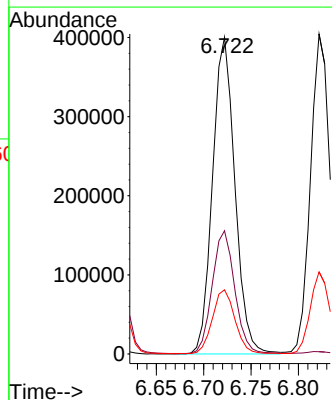
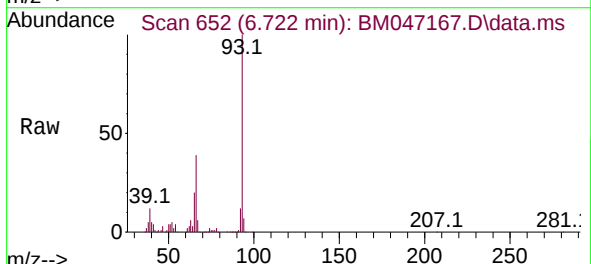
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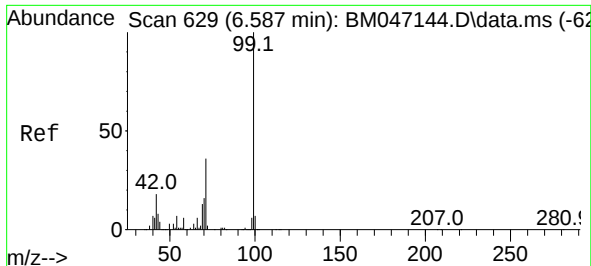
Tgt Ion:112 Resp: 921781
Ion Ratio Lower Upper
112 100
64 57.9 46.7 70.1
63 32.1 24.8 37.2



#6
Aniline
Concen: 42.306 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion: 93 Resp: 656682
Ion Ratio Lower Upper
93 100
66 38.9 31.4 47.2
65 20.2 15.6 23.4

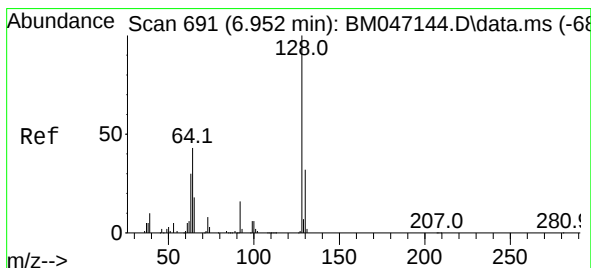
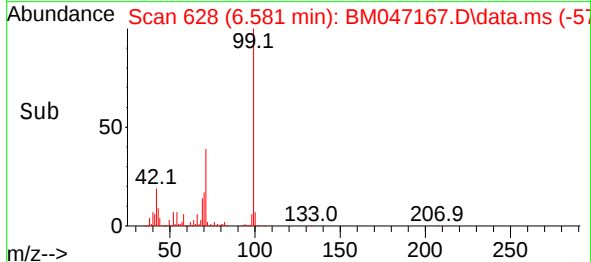
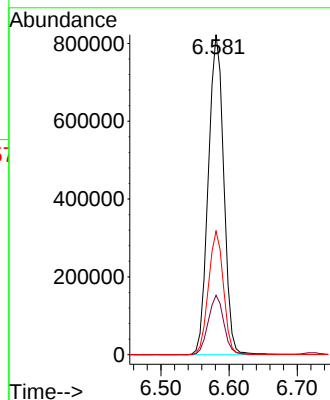
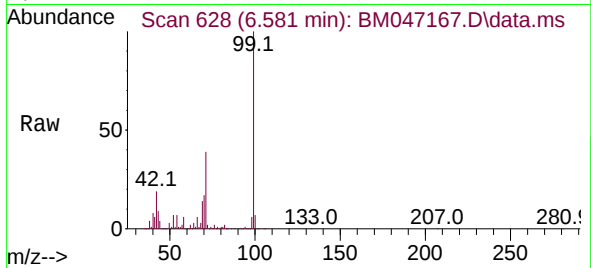




#7
Phenol-d6
Concen: 78.955 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

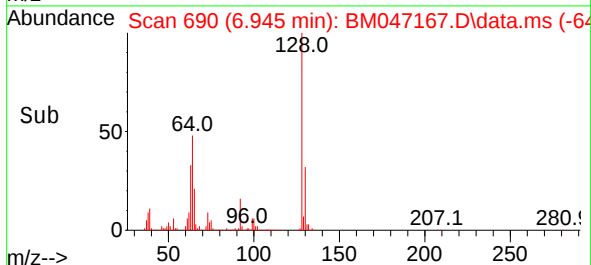
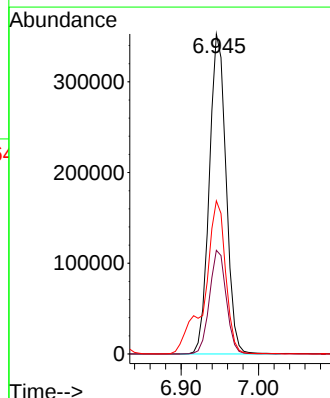
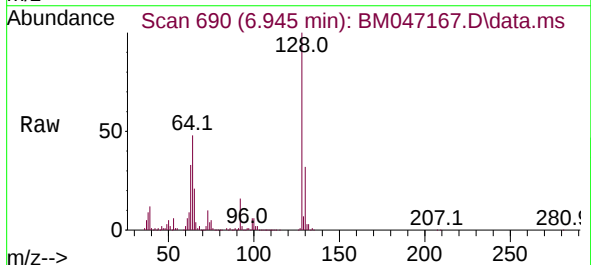
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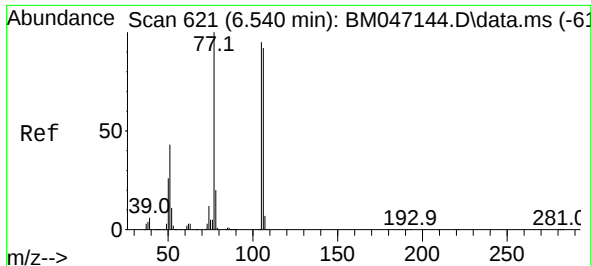
Tgt Ion: 99 Resp: 1296641
Ion Ratio Lower Upper
99 100
42 18.6 14.1 21.1
71 38.6 28.5 42.7



#8
2-Chlorophenol
Concen: 40.788 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion: 128 Resp: 530208
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 47.9 26.6 66.6

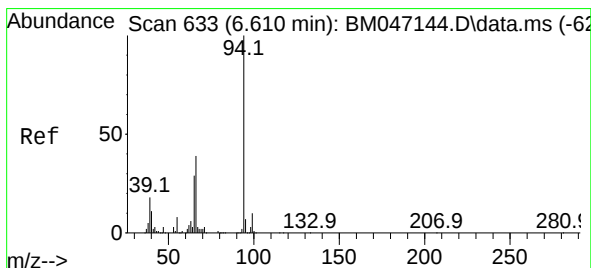
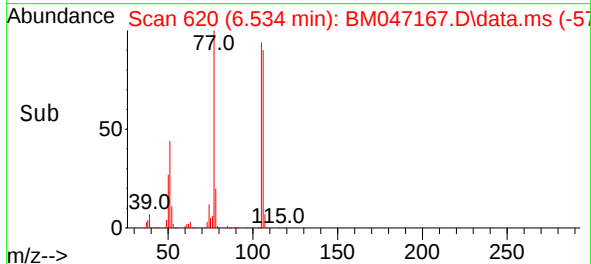
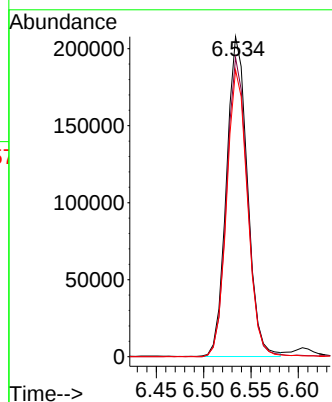
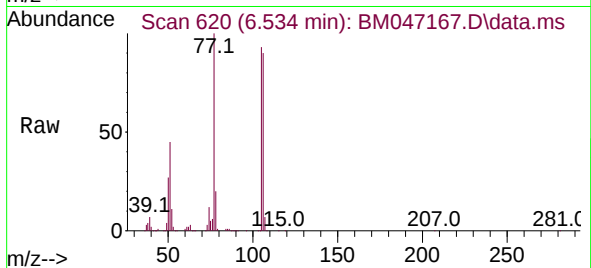




#9
Benzaldehyde
Concen: 35.402 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

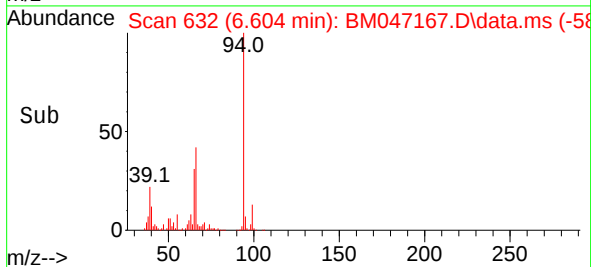
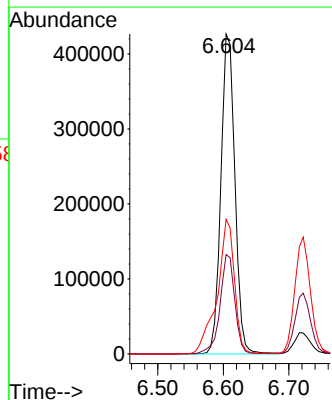
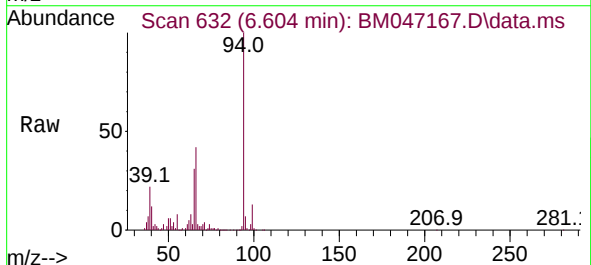
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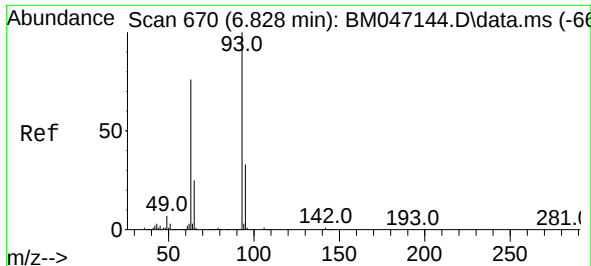
Tgt Ion: 77 Resp: 319410
Ion Ratio Lower Upper
77 100
105 93.5 74.5 114.5
106 89.6 72.3 112.3



#10
Phenol
Concen: 38.532 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion: 94 Resp: 631411
Ion Ratio Lower Upper
94 100
65 31.1 9.0 49.0
66 42.0 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 41.585 ng

RT: 6.822 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

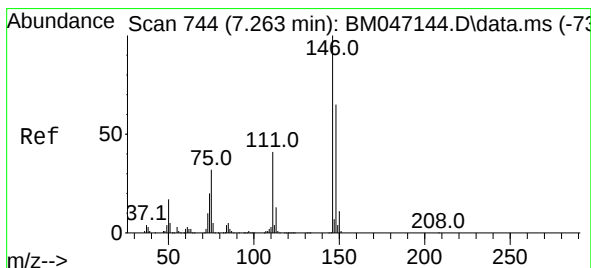
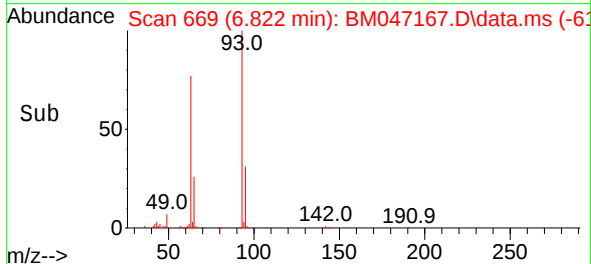
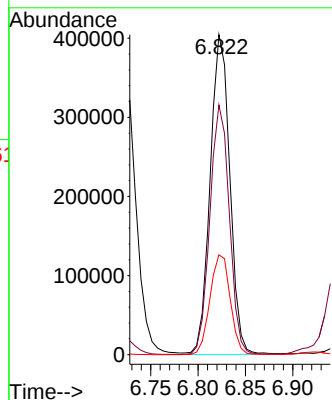
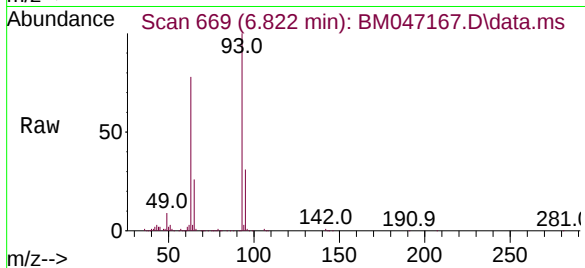
Tgt Ion: 93 Resp: 583578

Ion Ratio Lower Upper

93 100

63 78.0 55.8 95.8

95 31.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.440 ng

RT: 7.257 min Scan# 743

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

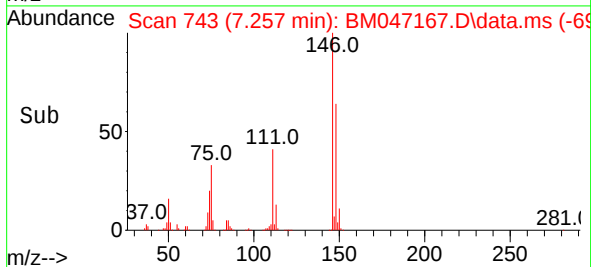
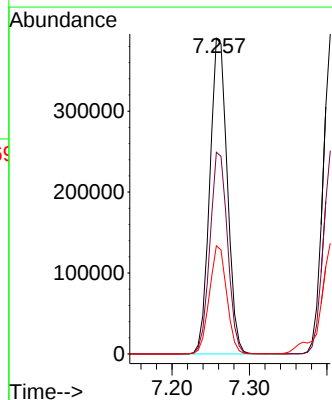
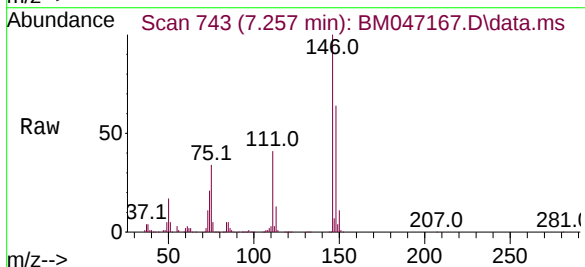
Tgt Ion:146 Resp: 609225

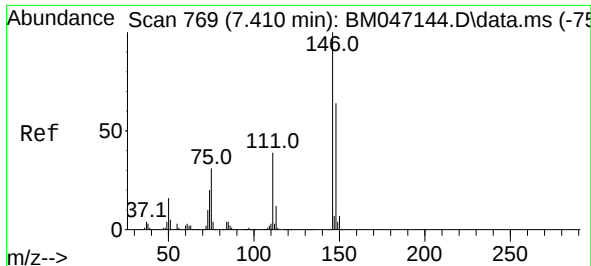
Ion Ratio Lower Upper

146 100

148 63.9 52.3 78.5

75 34.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.546 ng

RT: 7.404 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

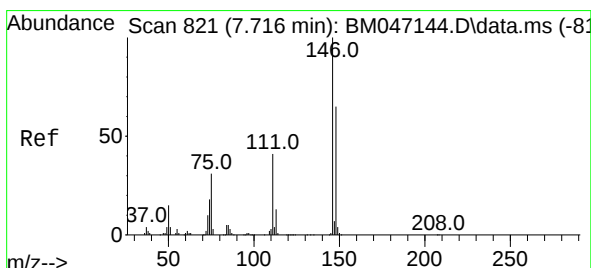
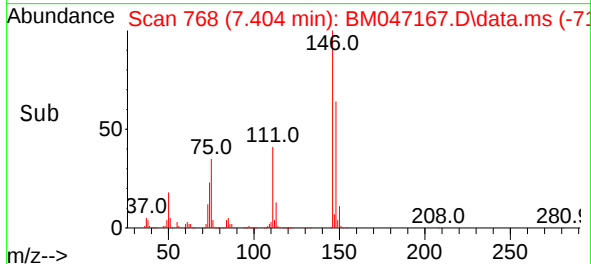
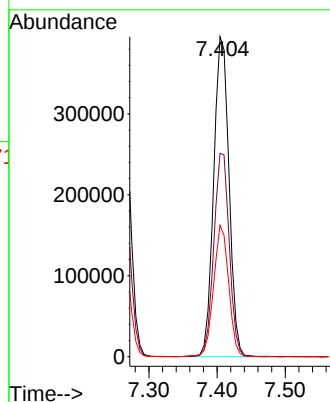
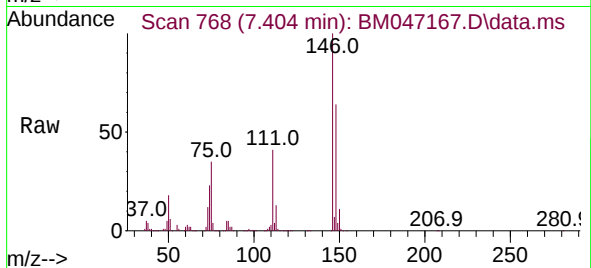
Tgt Ion:146 Resp: 618489

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

111 41.1 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 39.101 ng

RT: 7.716 min Scan# 821

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

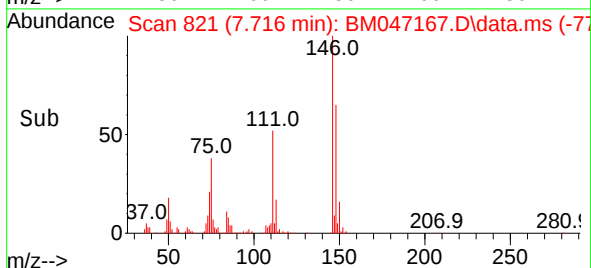
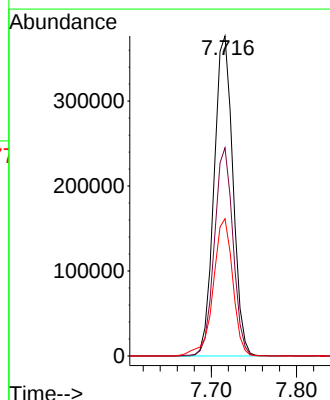
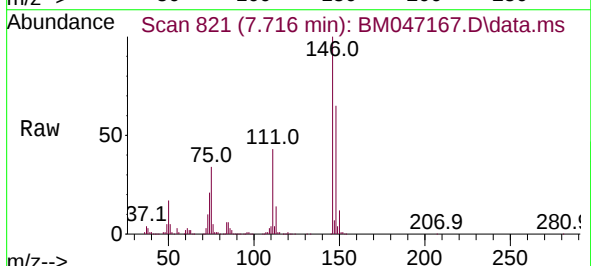
Tgt Ion:146 Resp: 577006

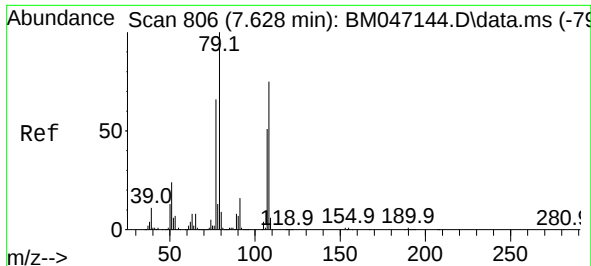
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

111 42.9 33.3 49.9

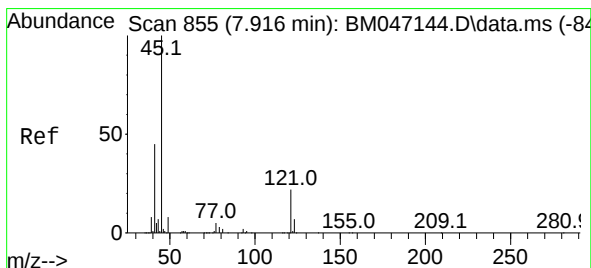
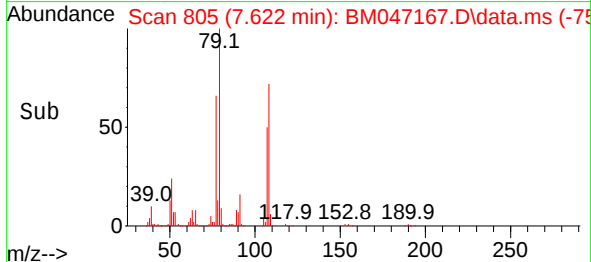
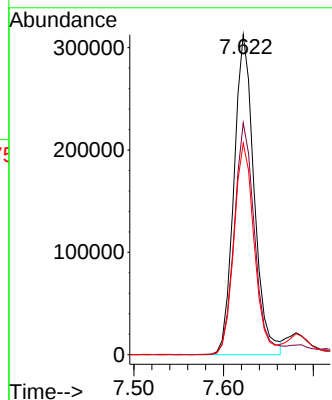
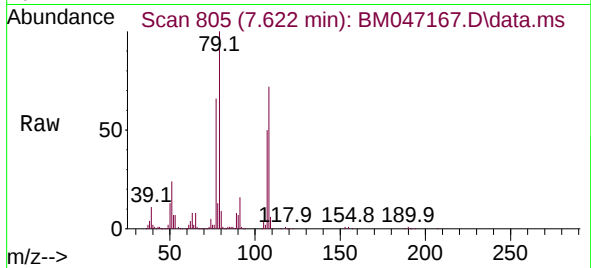




#15
Benzyl Alcohol
Concen: 41.728 ng
RT: 7.622 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

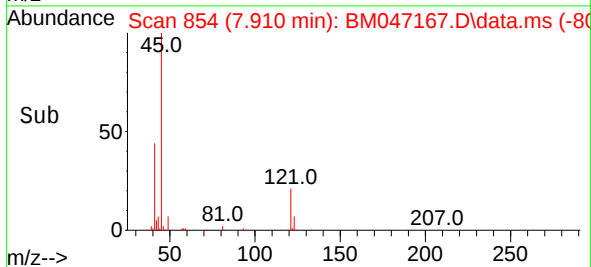
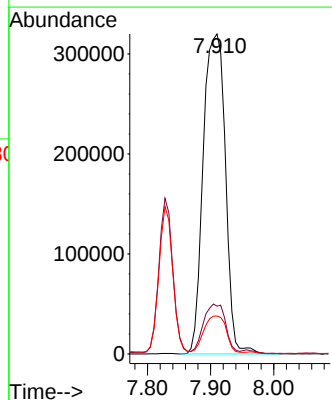
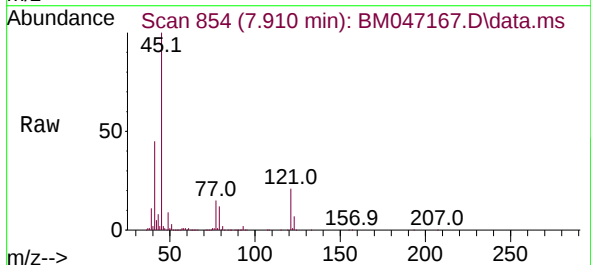
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

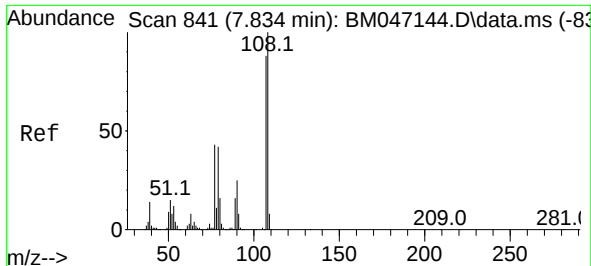
Tgt Ion: 79 Resp: 487720
Ion Ratio Lower Upper
79 100
108 72.5 59.7 89.5
77 66.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.322 ng
RT: 7.910 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion: 45 Resp: 780112
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.6
79 11.9 0.0 32.4

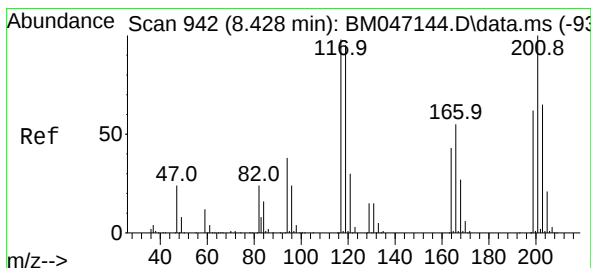
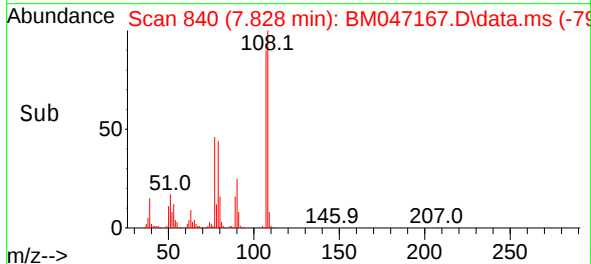
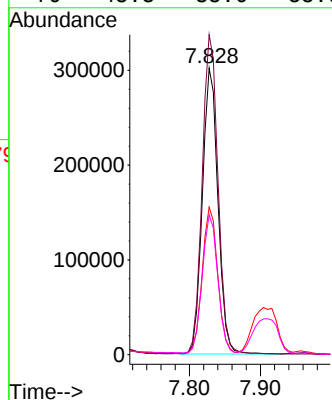
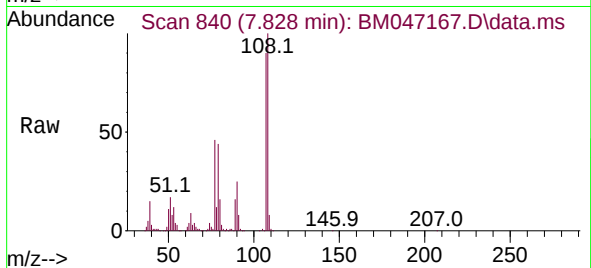




#17
2-Methylphenol
Concen: 42.099 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

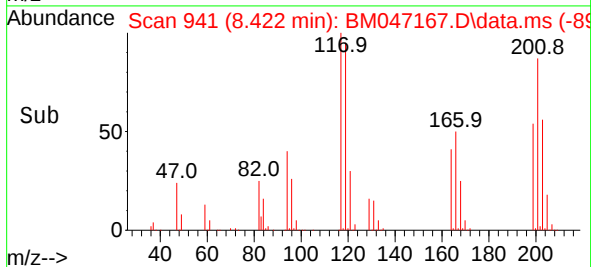
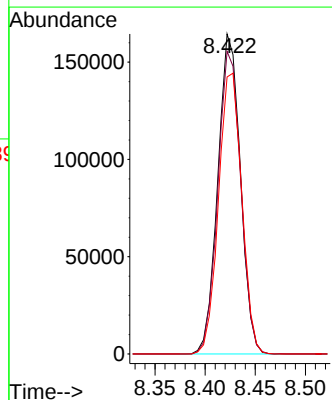
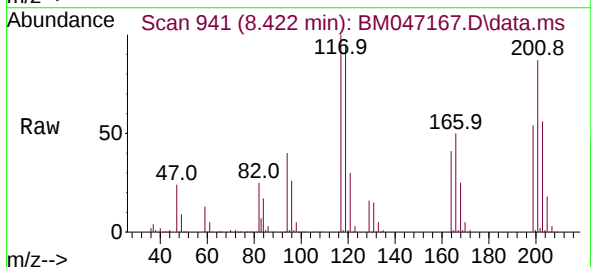
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

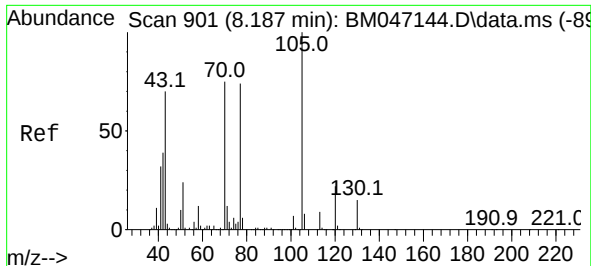
Tgt Ion:	107	Resp:	460238
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.6	135.8
77	51.4	39.3	58.9
79	48.8	38.6	58.0



#18
Hexachloroethane
Concen: 42.382 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:	117	Resp:	256759
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.0	115.4
201	86.5	81.3	121.9



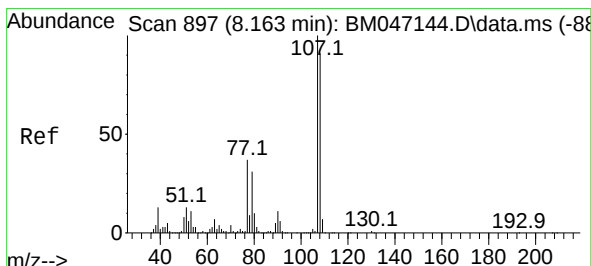
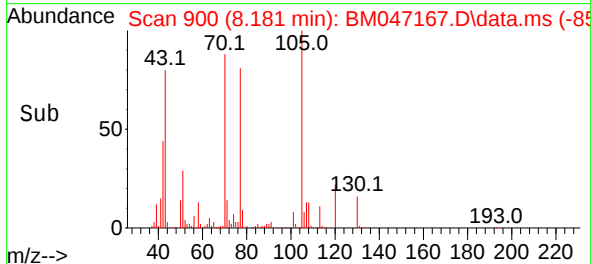
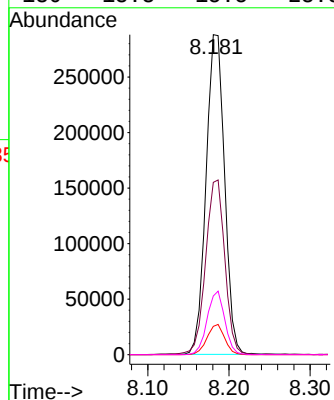
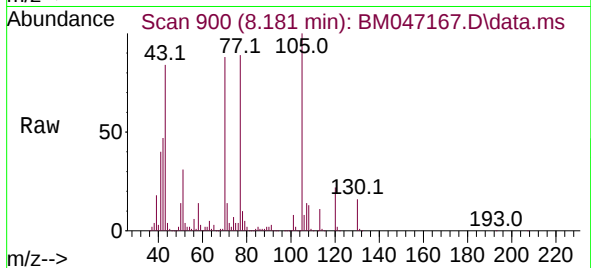


#19
n-Nitroso-di-n-propylamine
Concen: 41.128 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 454960

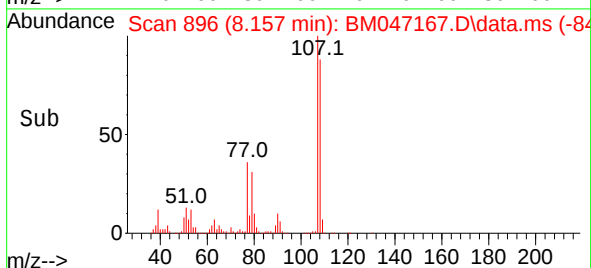
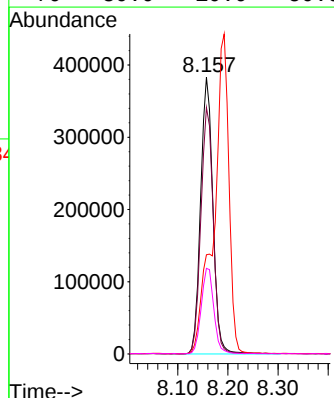
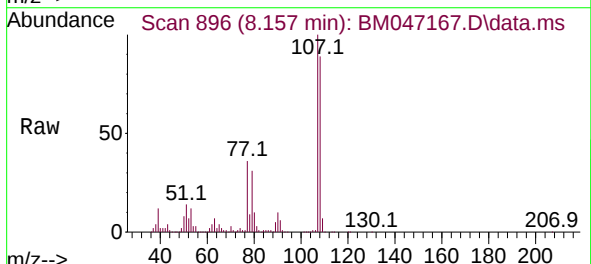
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.0	63.0
101	8.8	7.2	10.8
130	18.3	15.5	23.3

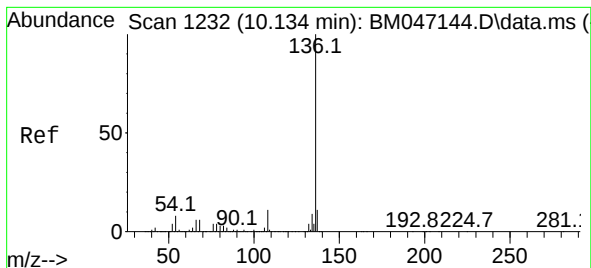


#20
3+4-Methylphenols
Concen: 42.687 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion: 107 Resp: 652420

Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.7	110.7
77	35.8	17.4	57.4
79	30.9	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.128 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 960183

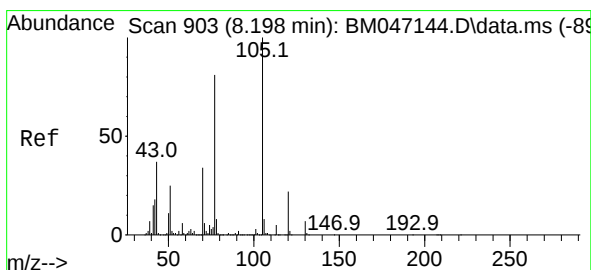
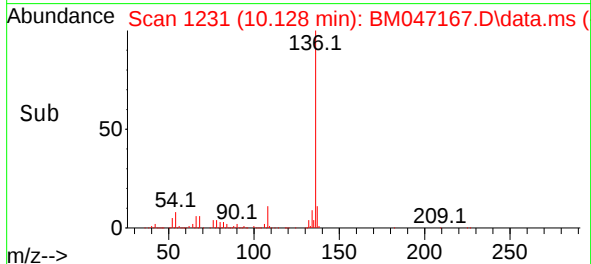
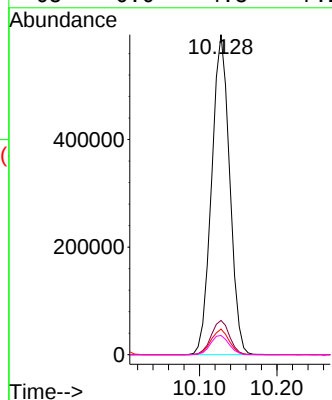
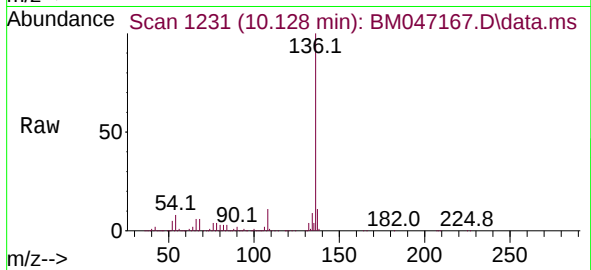
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.0 6.0 9.0

68 6.0 4.8 7.2



#22

Acetophenone

Concen: 36.552 ng

RT: 8.192 min Scan# 902

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Tgt Ion:105 Resp: 847182

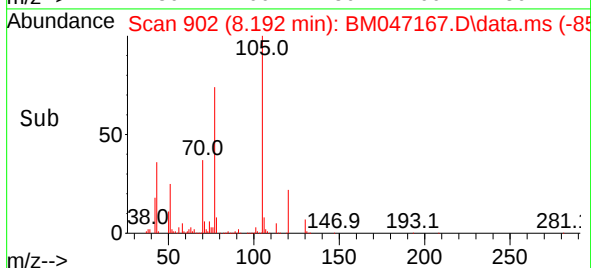
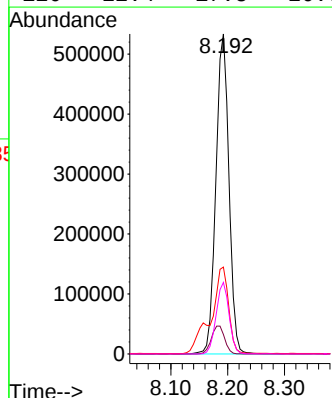
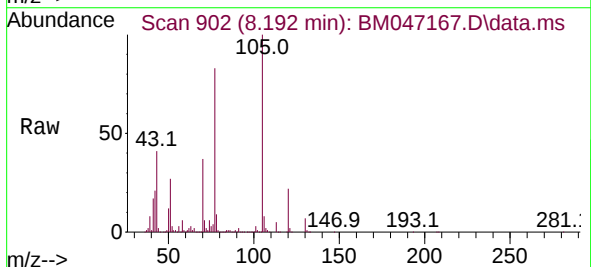
Ion Ratio Lower Upper

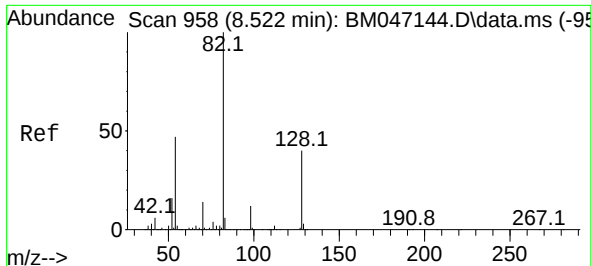
105 100

71 6.1 4.5 6.7

51 27.2 20.1 30.1

120 22.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 77.713 ng

RT: 8.522 min Scan# 958

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

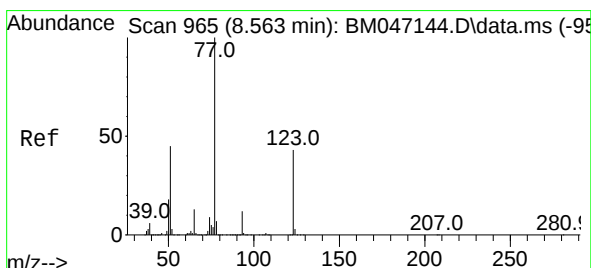
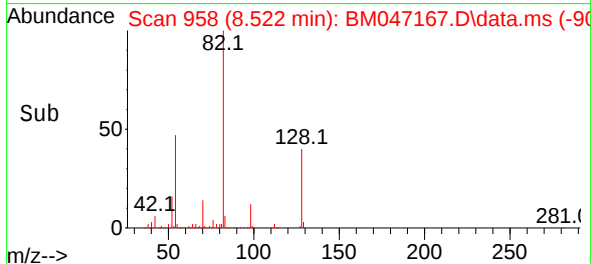
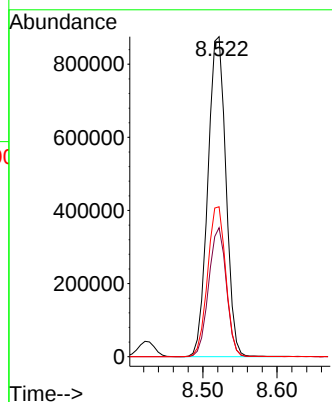
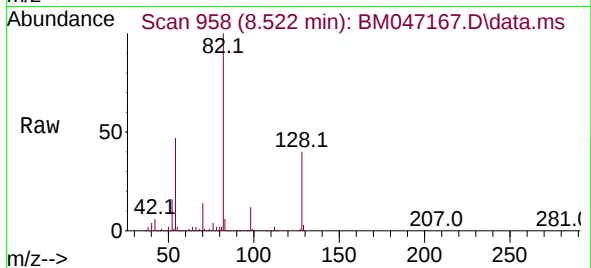
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1481906

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.3	48.5
54	46.9	37.4	56.2



#24

Nitrobenzene

Concen: 40.288 ng

RT: 8.563 min Scan# 965

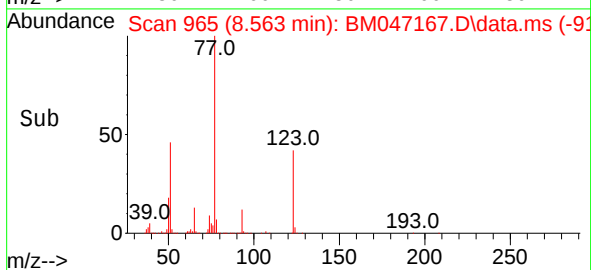
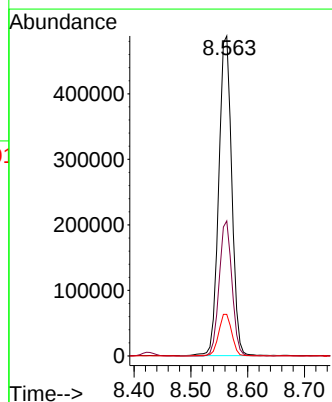
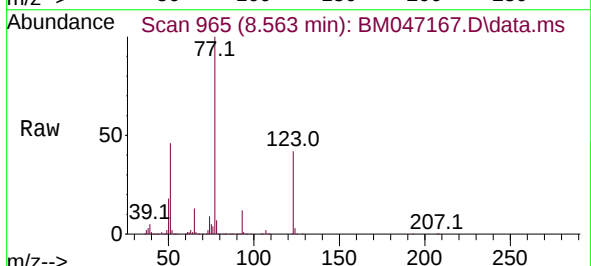
Delta R.T. -0.000 min

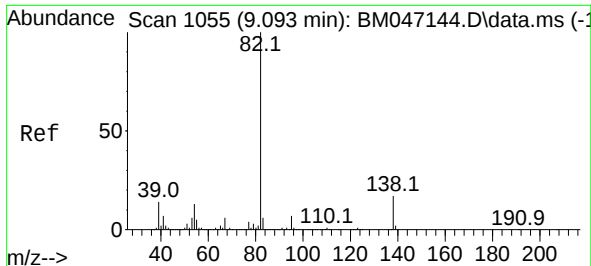
Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Tgt Ion: 77 Resp: 773587

Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.0	51.0
65	13.0	10.5	15.7





#25

Isophorone

Concen: 39.478 ng

RT: 9.087 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

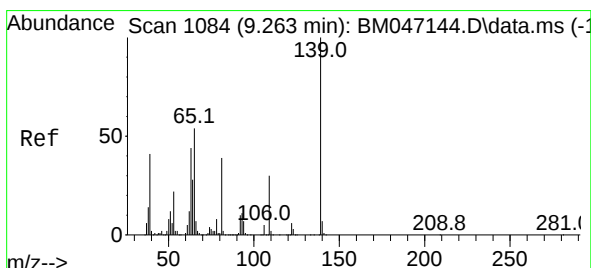
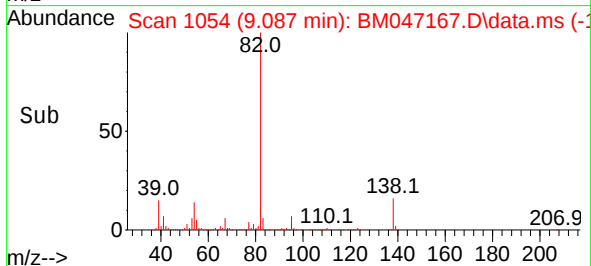
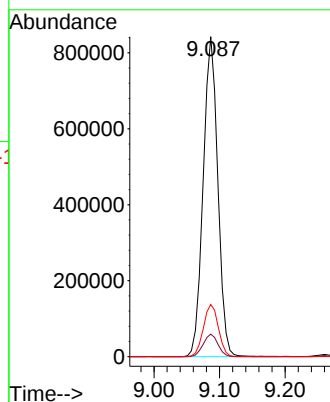
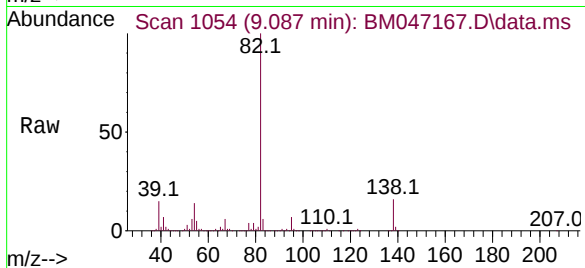
Tgt Ion: 82 Resp: 1310738

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 16.3 13.5 20.3



#26

2-Nitrophenol

Concen: 39.254 ng

RT: 9.263 min Scan# 1084

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

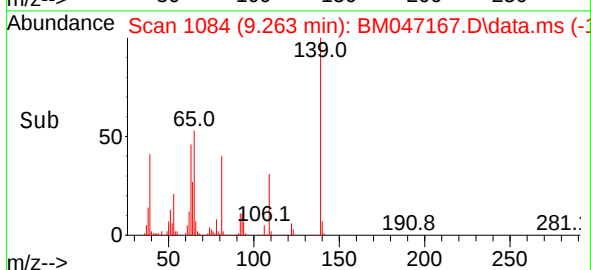
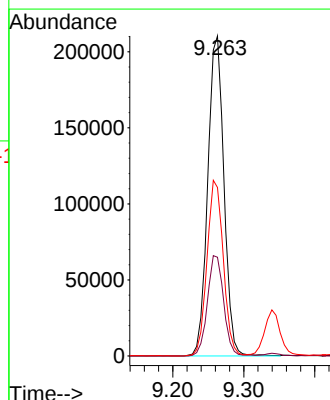
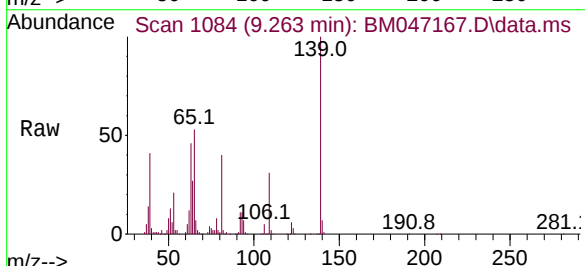
Tgt Ion:139 Resp: 333803

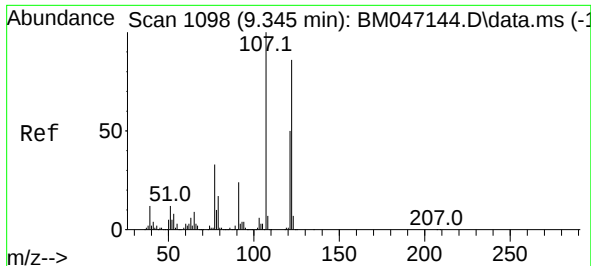
Ion Ratio Lower Upper

139 100

109 30.9 24.4 36.6

65 52.7 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 39.627 ng

RT: 9.339 min Scan# 1097

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

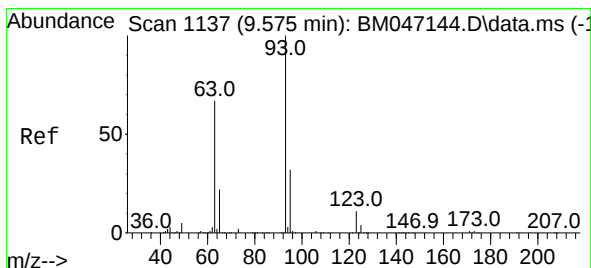
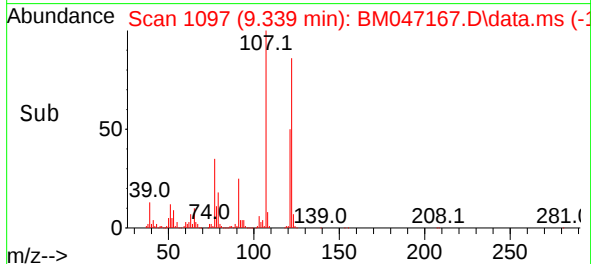
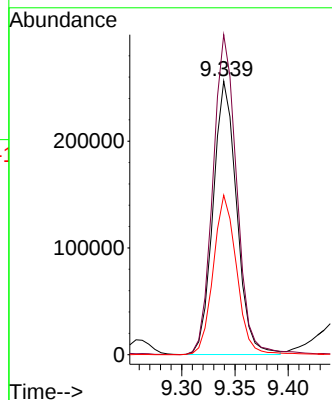
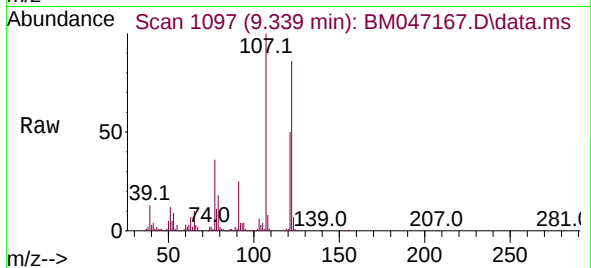
Tgt Ion:122 Resp: 394729

Ion Ratio Lower Upper

122 100

107 116.9 92.8 139.2

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.570 ng

RT: 9.575 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

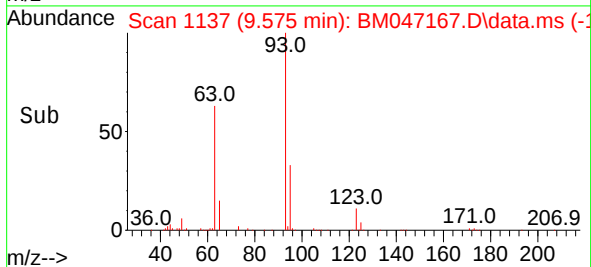
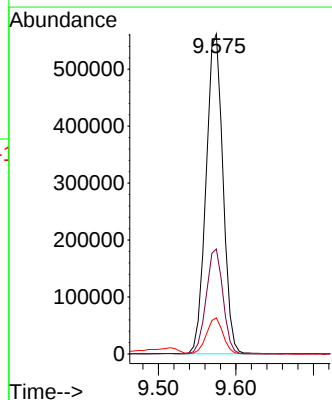
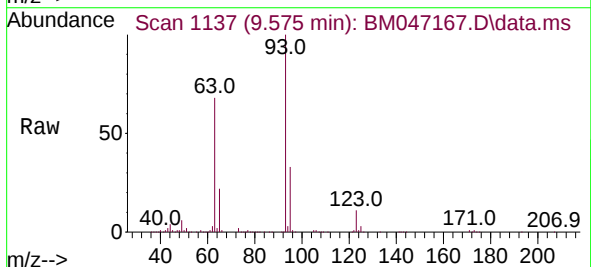
Tgt Ion: 93 Resp: 847573

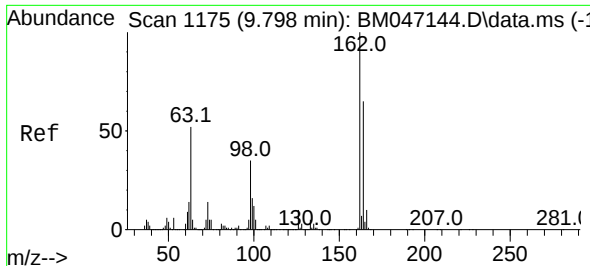
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.364 ng

RT: 9.792 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

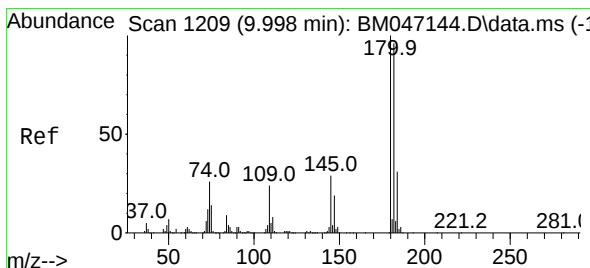
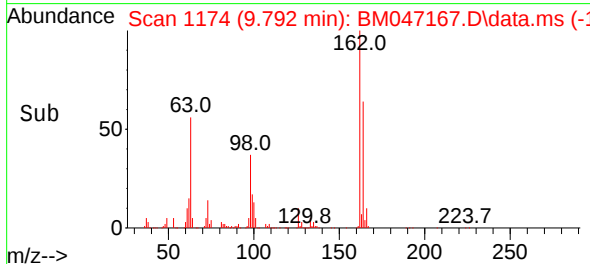
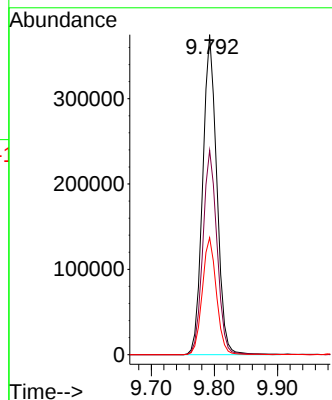
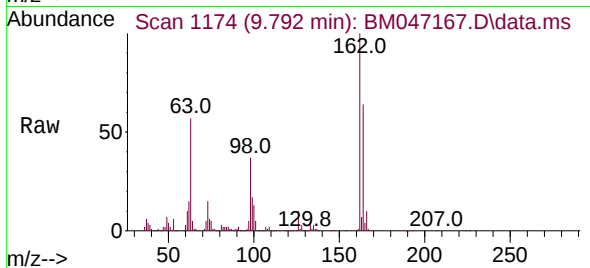
Tgt Ion:162 Resp: 581792

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 36.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 38.080 ng

RT: 9.998 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

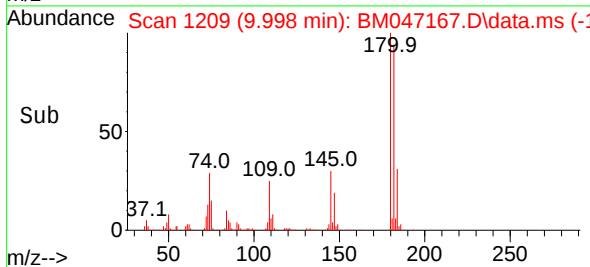
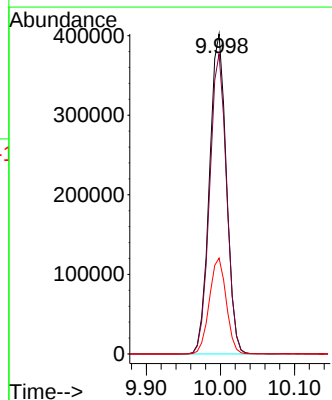
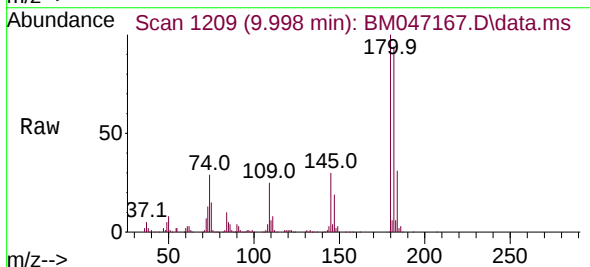
Tgt Ion:180 Resp: 636923

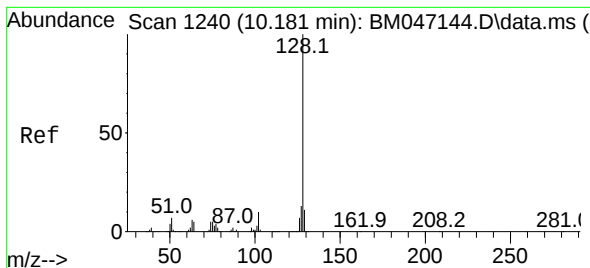
Ion Ratio Lower Upper

180 100

182 93.8 76.6 115.0

145 30.0 23.4 35.2





#31

Naphthalene

Concen: 38.432 ng

RT: 10.175 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

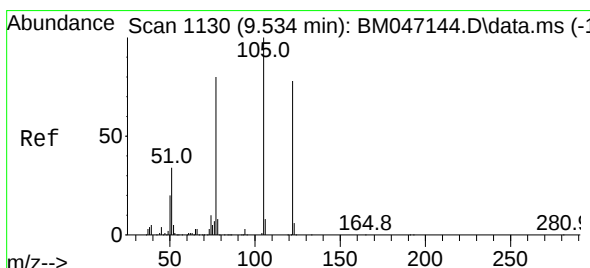
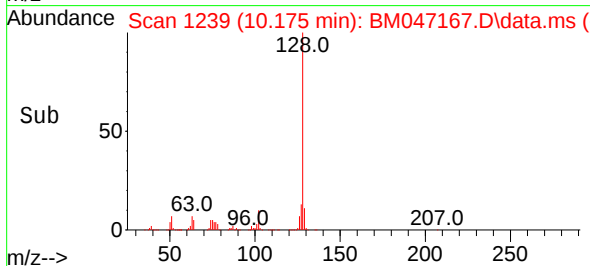
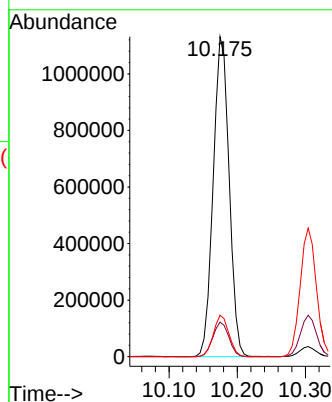
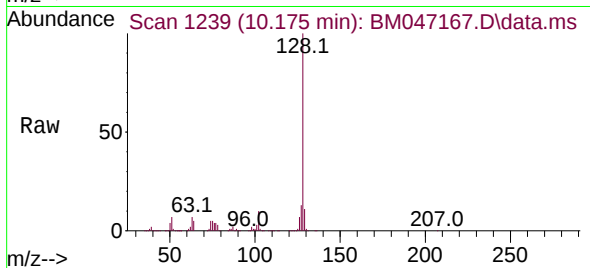
Tgt Ion:128 Resp: 1838333

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 12.9 10.2 15.4



#32

Benzoic acid

Concen: 41.733 ng

RT: 9.516 min Scan# 1127

Delta R.T. -0.018 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

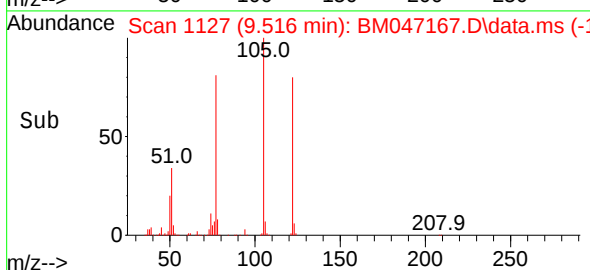
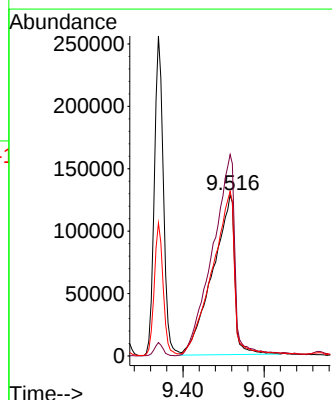
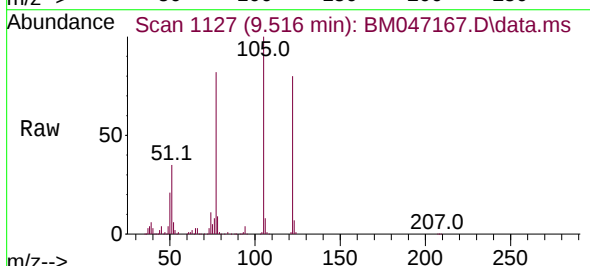
Tgt Ion:122 Resp: 482964

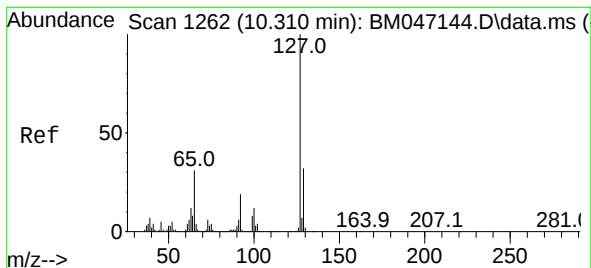
Ion Ratio Lower Upper

122 100

105 125.1 107.1 147.1

77 102.3 82.1 122.1

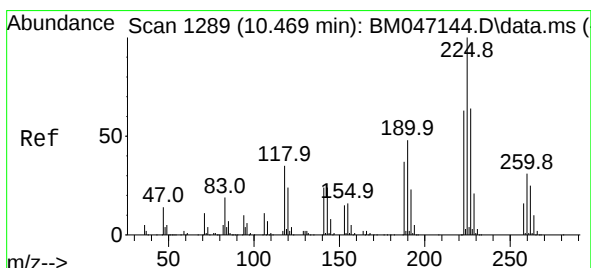
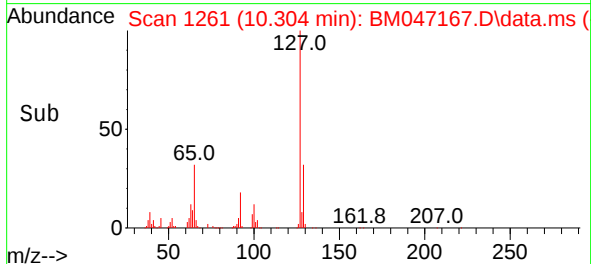
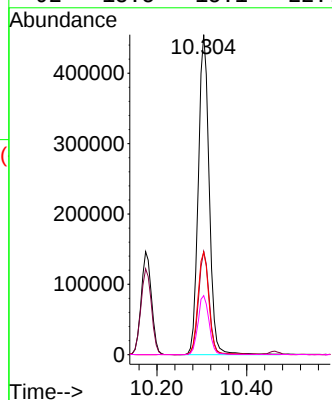
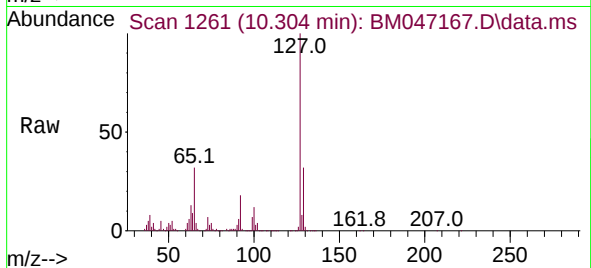




#33
4-Chloroaniline
Concen: 41.597 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

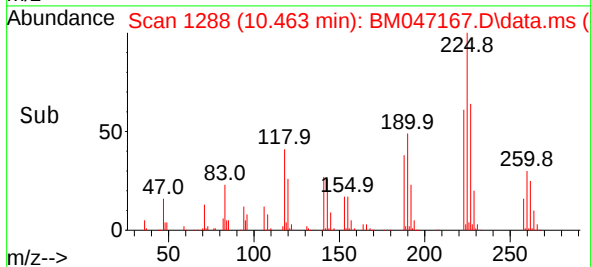
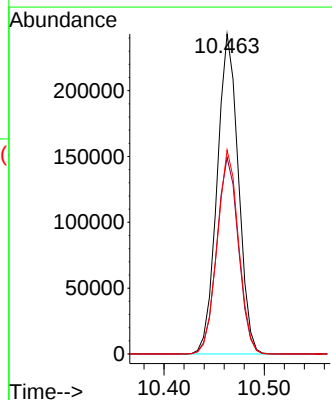
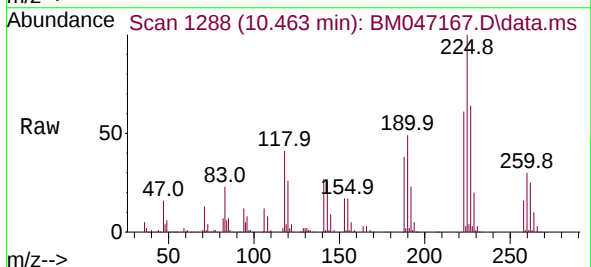
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

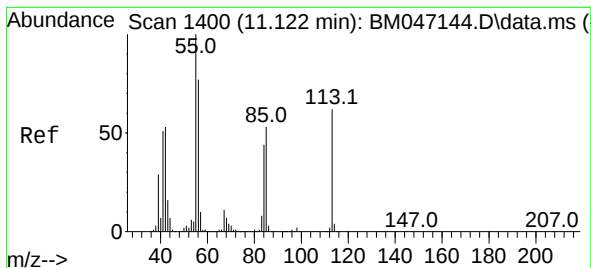
Tgt Ion:	127	Resp:	765158
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	32.1	24.9	37.3
92	18.5	15.1	22.7



#34
Hexachlorobutadiene
Concen: 36.504 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:	225	Resp:	357368
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.2
227	63.8	51.4	77.0





#35

Caprolactam

Concen: 41.159 ng

RT: 11.110 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

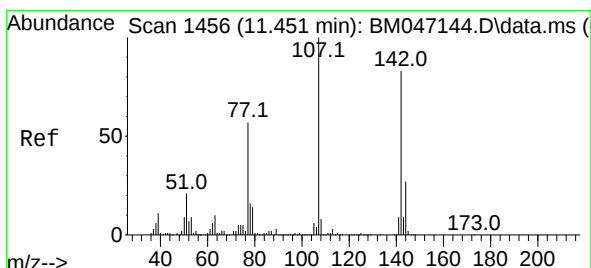
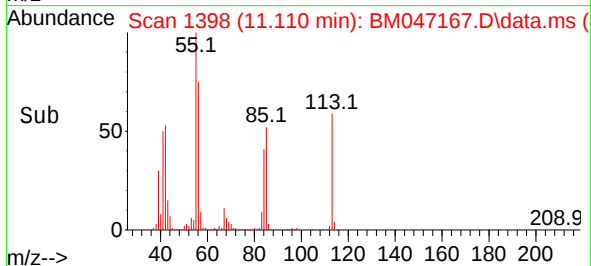
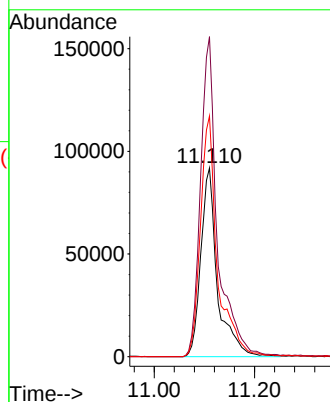
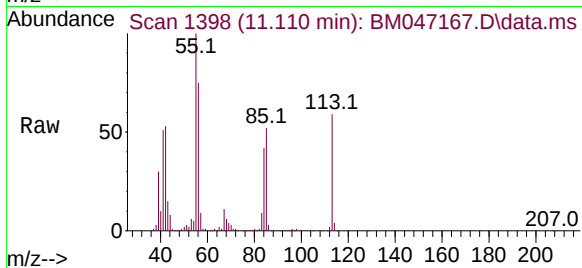
Tgt Ion:113 Resp: 211258

Ion Ratio Lower Upper

113 100

55 169.7 140.5 180.5

56 127.6 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 41.718 ng

RT: 11.451 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

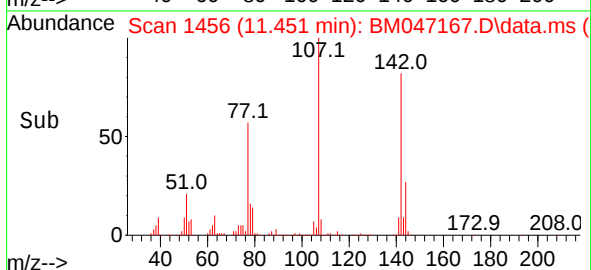
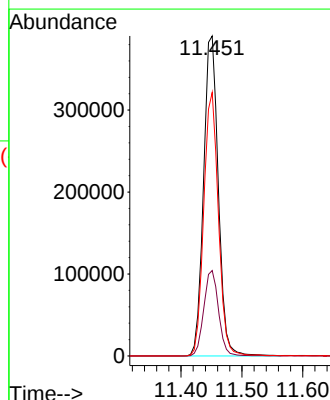
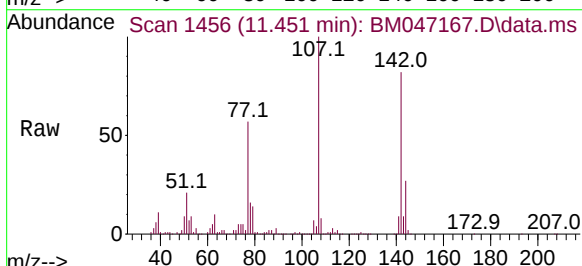
Tgt Ion:107 Resp: 656656

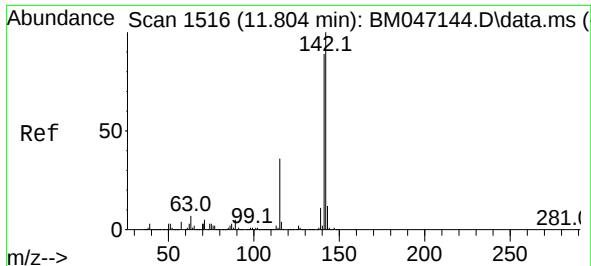
Ion Ratio Lower Upper

107 100

144 26.7 21.8 32.6

142 82.4 66.8 100.2

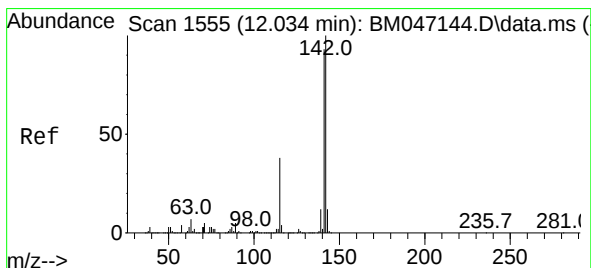
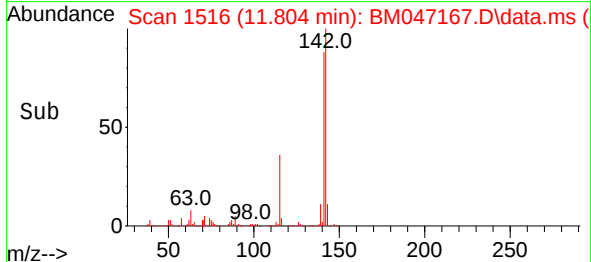
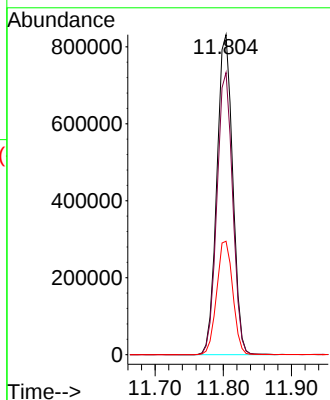
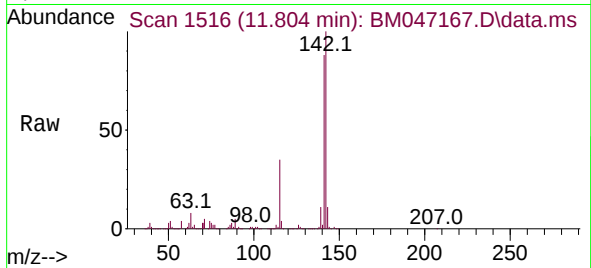




#37
2-Methylnaphthalene
Concen: 39.481 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

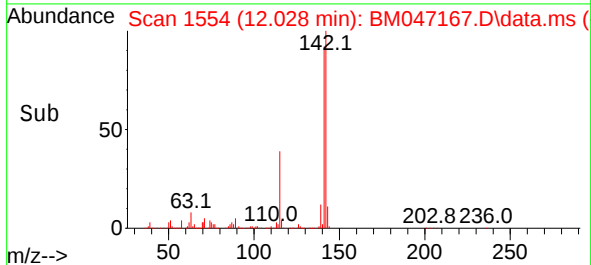
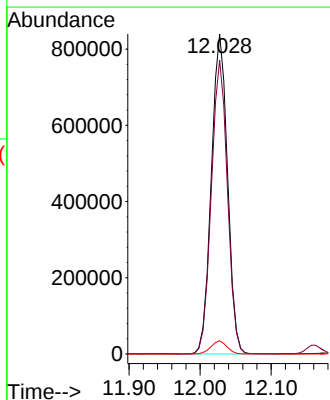
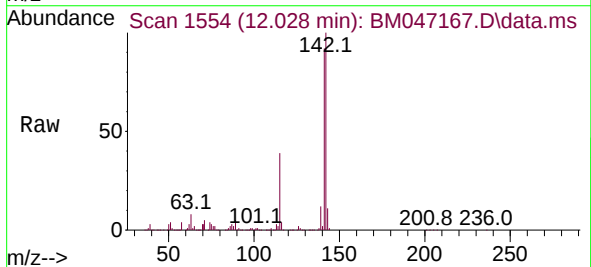
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

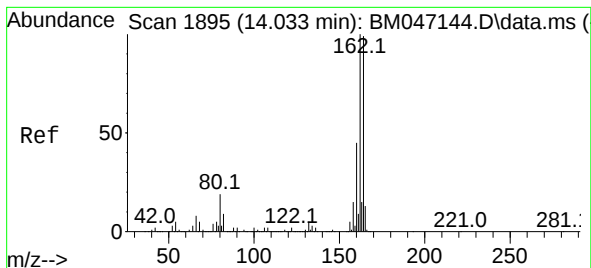
Tgt Ion:142 Resp: 1344596
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3
115 35.4 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.360 ng
RT: 12.028 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:142 Resp: 1324801
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.027 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

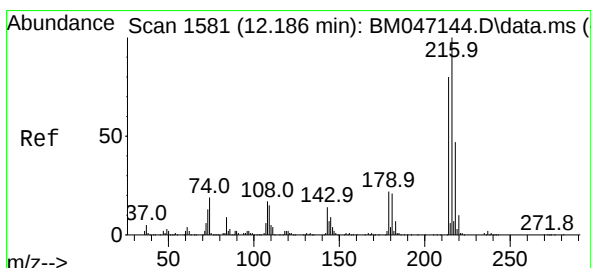
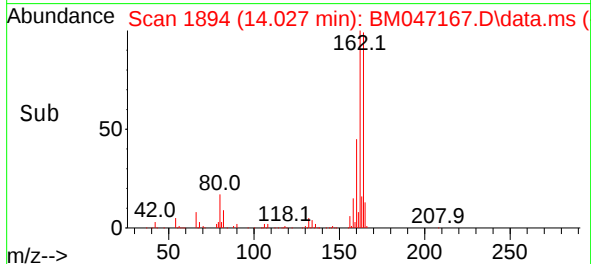
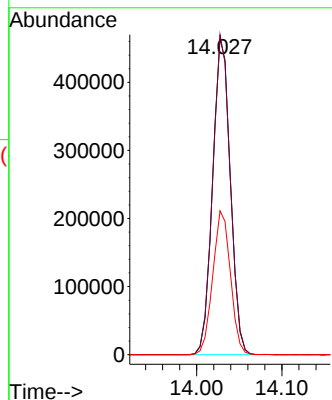
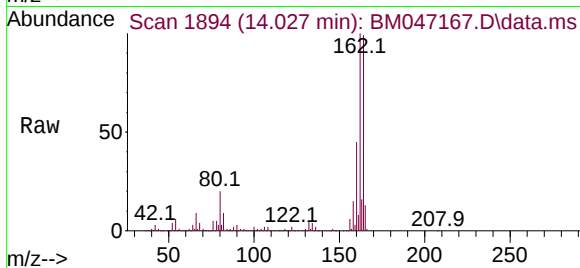
Tgt Ion:164 Resp: 670516

Ion Ratio Lower Upper

164 100

162 101.2 80.7 121.1

160 45.5 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.981 ng

RT: 12.186 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Tgt Ion:216 Resp: 658042

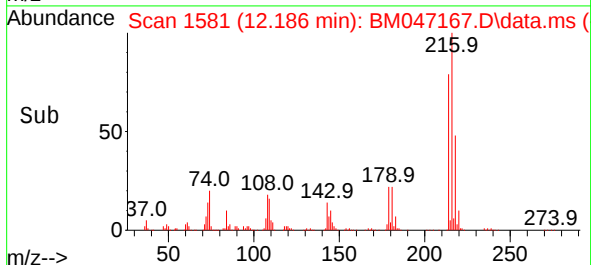
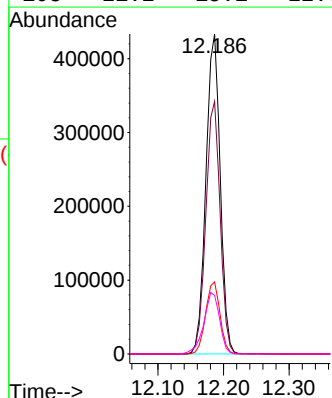
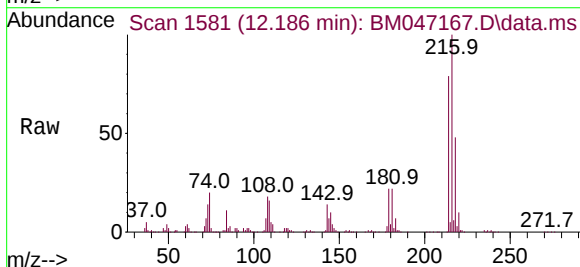
Ion Ratio Lower Upper

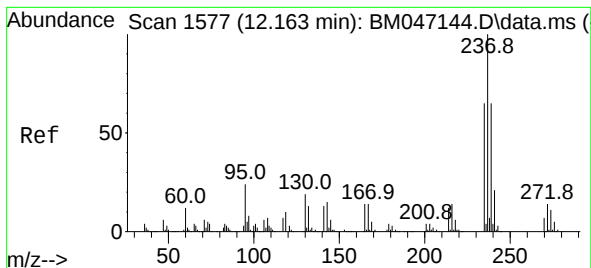
216 100

214 79.0 63.4 95.2

179 22.6 17.6 26.4

108 21.2 15.1 22.7

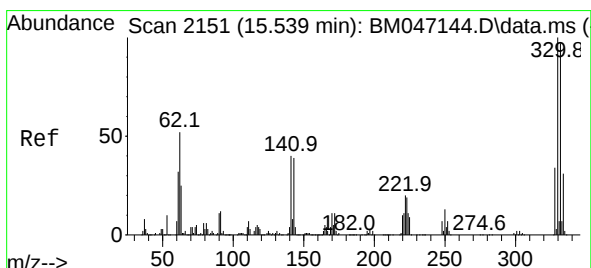
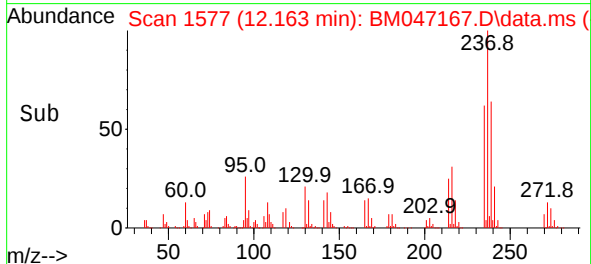
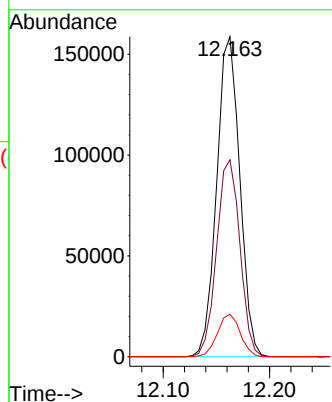
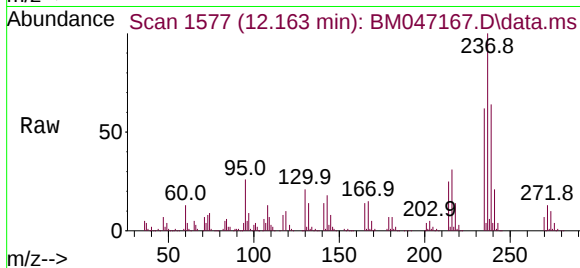




#41
Hexachlorocyclopentadiene
Concen: 37.367 ng
RT: 12.163 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

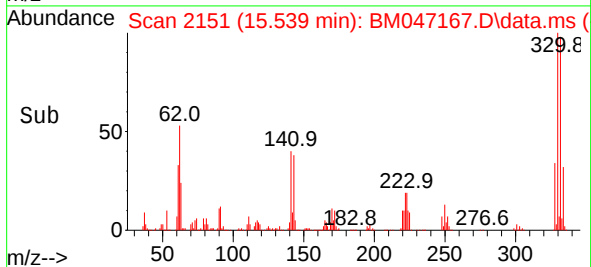
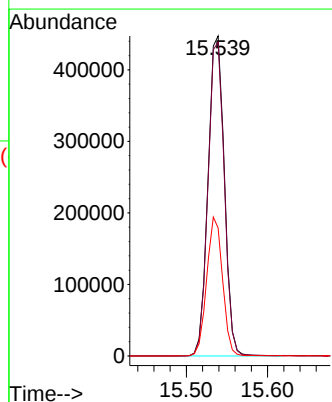
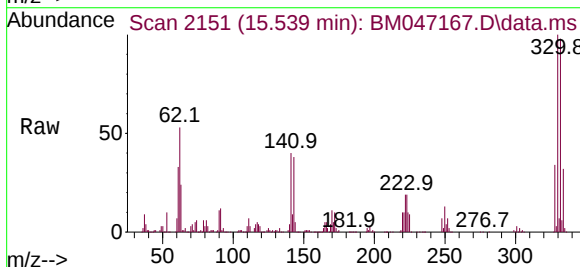
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

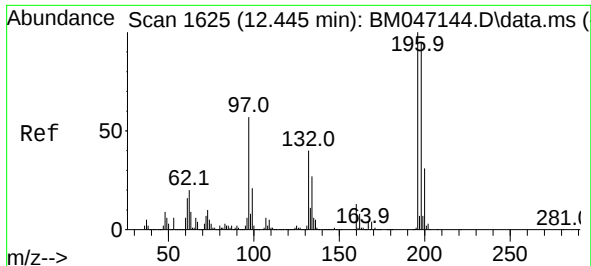
Tgt Ion:237 Resp: 238632
Ion Ratio Lower Upper
237 100
235 61.6 44.8 84.8
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 80.178 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:330 Resp: 623361
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 42.2 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 37.325 ng

RT: 12.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

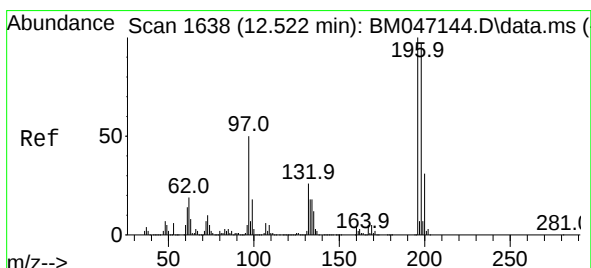
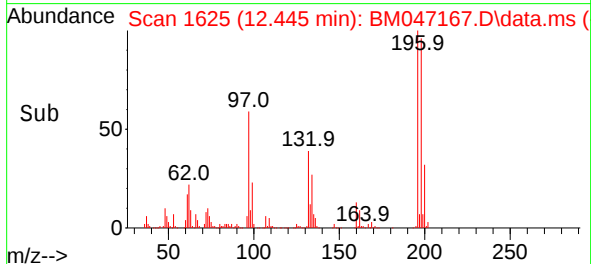
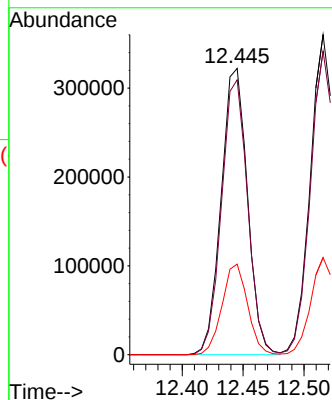
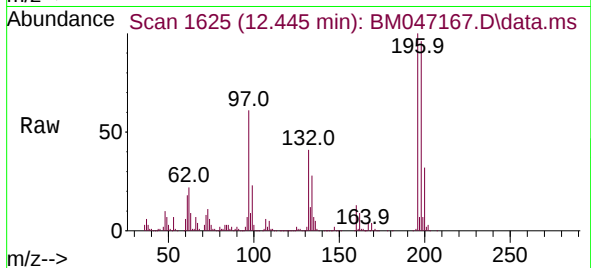
Tgt Ion:196 Resp: 485188

Ion Ratio Lower Upper

196 100

198 96.0 75.6 113.4

200 31.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 37.694 ng

RT: 12.516 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Tgt Ion:196 Resp: 544029

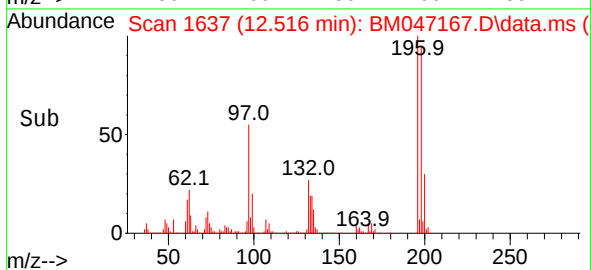
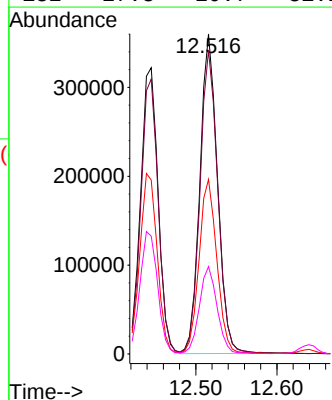
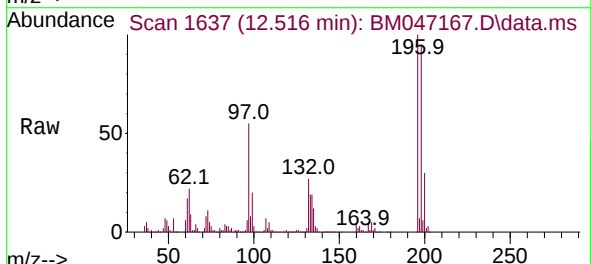
Ion Ratio Lower Upper

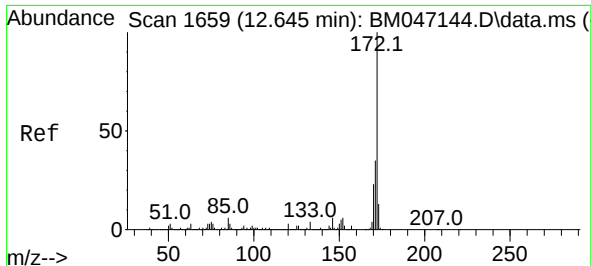
196 100

198 94.8 77.7 116.5

97 54.5 39.8 59.8

132 27.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 74.264 ng

RT: 12.639 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

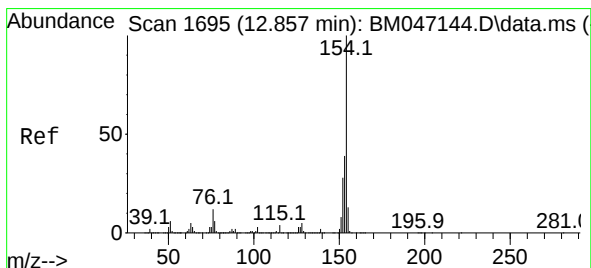
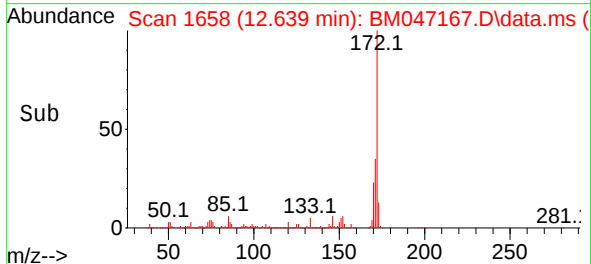
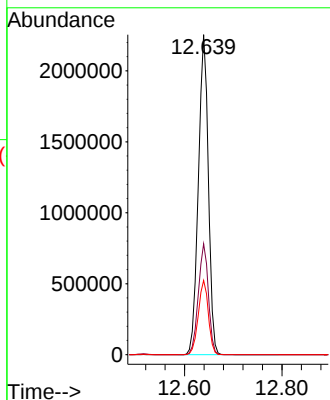
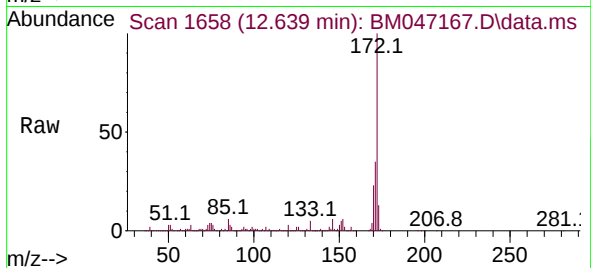
Tgt Ion:172 Resp: 3228160

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 37.541 ng

RT: 12.851 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

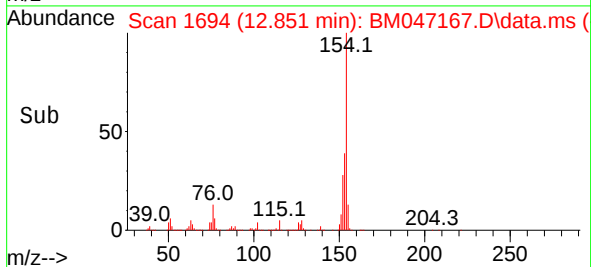
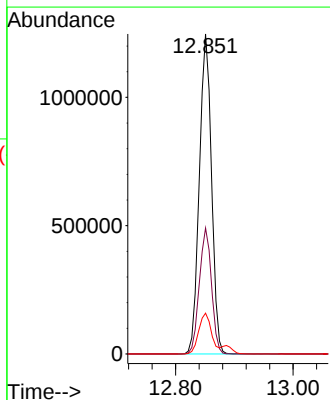
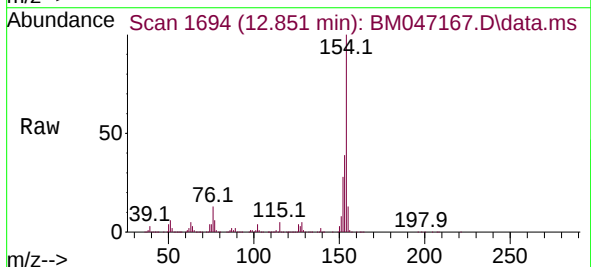
Tgt Ion:154 Resp: 1792029

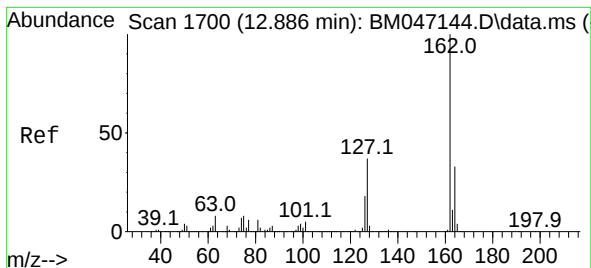
Ion Ratio Lower Upper

154 100

153 39.3 19.0 59.0

76 12.8 0.0 31.9





#47

2-Chloronaphthalene

Concen: 37.190 ng

RT: 12.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

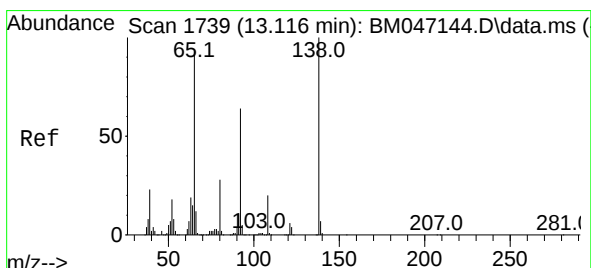
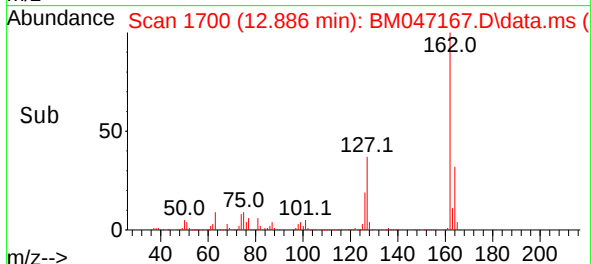
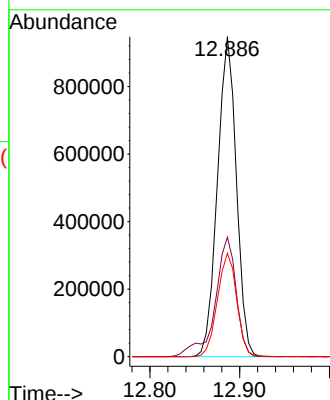
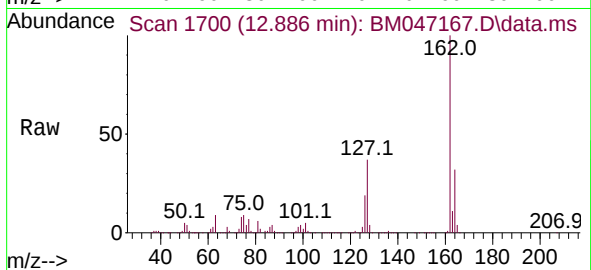
Tgt Ion:162 Resp: 1387550

Ion Ratio Lower Upper

162 100

127 37.3 30.0 45.0

164 32.3 26.3 39.5



#48

2-Nitroaniline

Concen: 42.796 ng

RT: 13.110 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

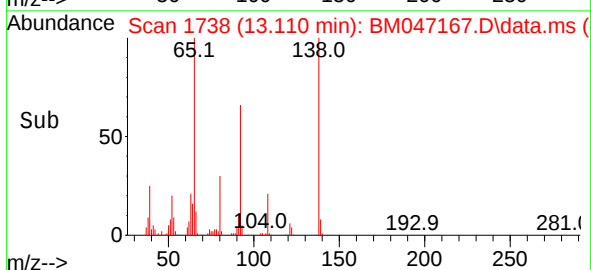
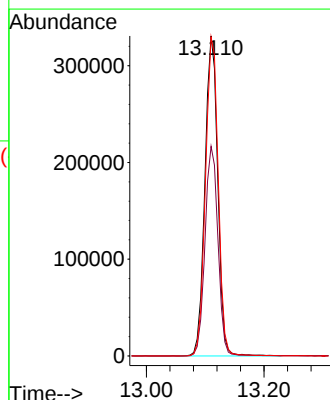
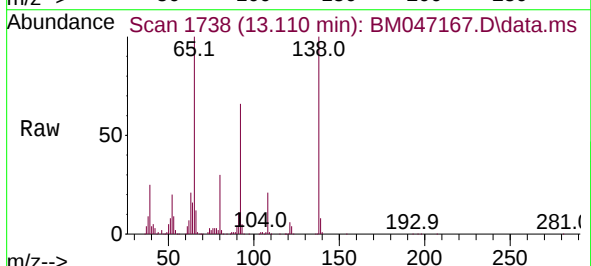
Tgt Ion: 65 Resp: 500220

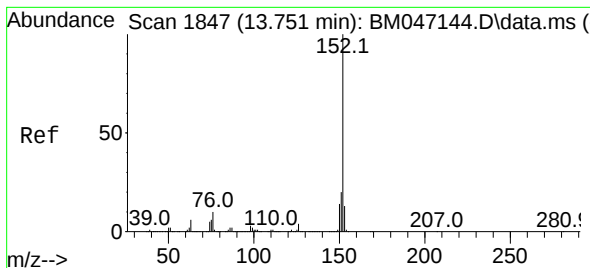
Ion Ratio Lower Upper

65 100

92 65.5 55.1 82.7

138 99.7 85.9 128.9





#49

Acenaphthylene

Concen: 38.680 ng

RT: 13.745 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

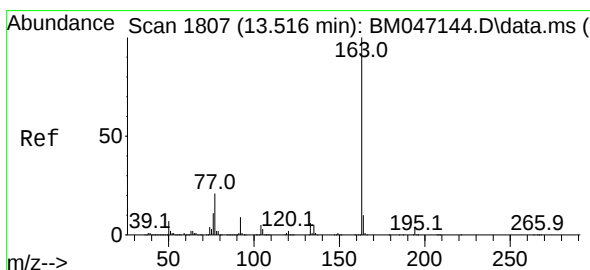
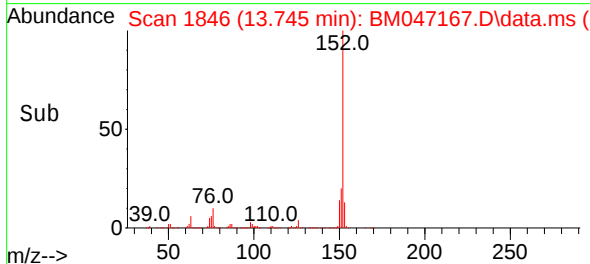
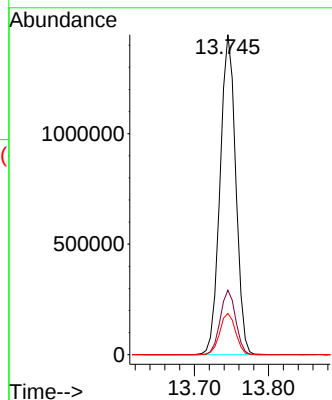
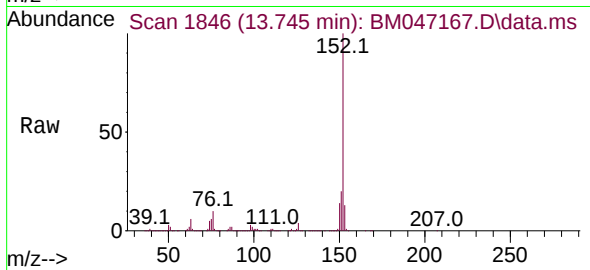
Tgt Ion:152 Resp: 2127273

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 39.261 ng

RT: 13.510 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

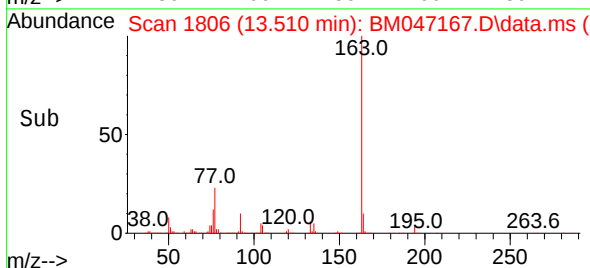
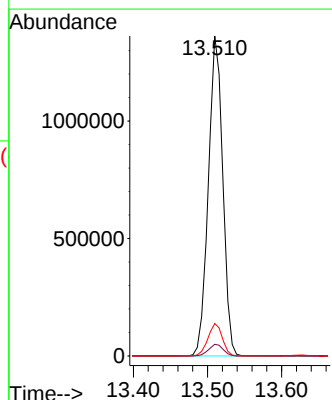
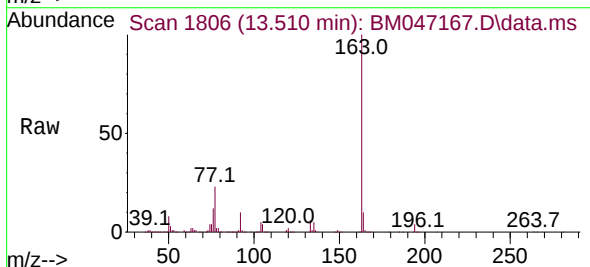
Tgt Ion:163 Resp: 1838573

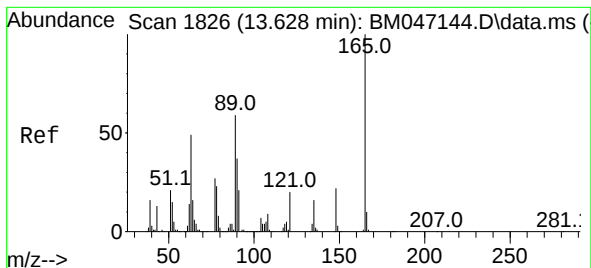
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.2 8.0 12.0

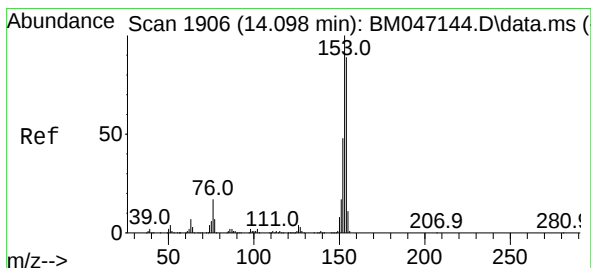
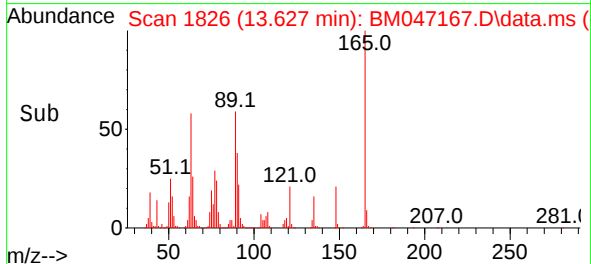
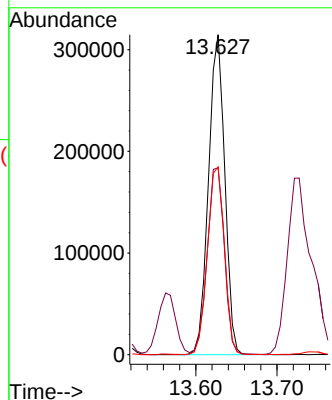
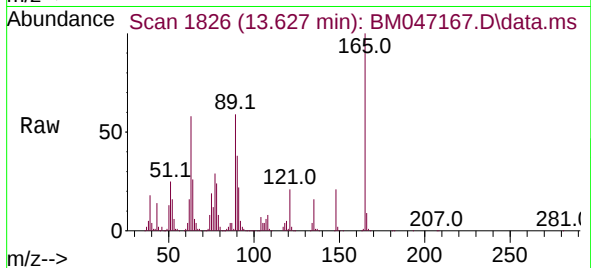




#51
2,6-Dinitrotoluene
Concen: 40.001 ng
RT: 13.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

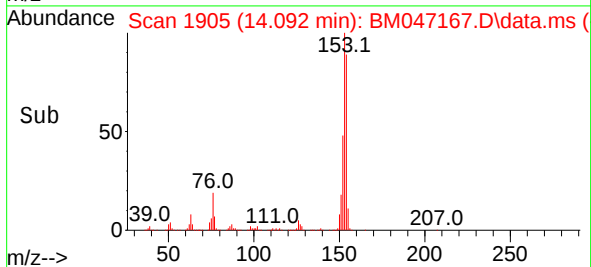
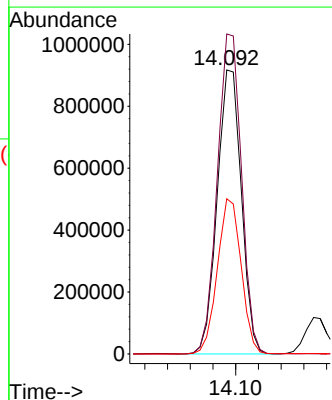
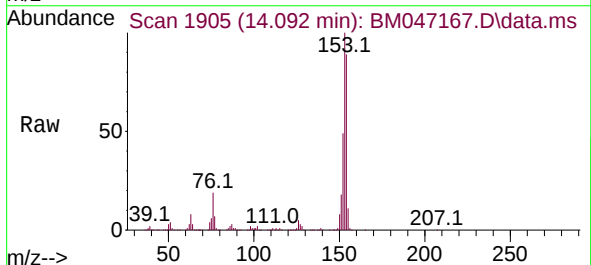
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

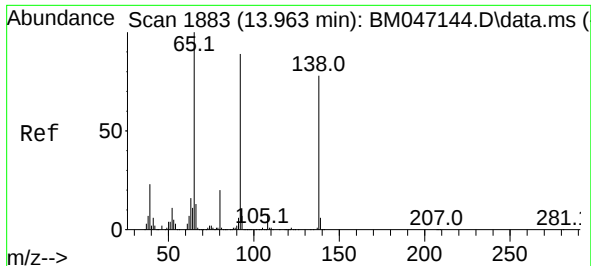
Tgt Ion:165 Resp: 437891
Ion Ratio Lower Upper
165 100
63 58.4 46.5 69.7
89 58.7 47.3 70.9



#52
Acenaphthene
Concen: 38.908 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:154 Resp: 1357337
Ion Ratio Lower Upper
154 100
153 112.7 90.3 135.5
152 54.7 42.9 64.3

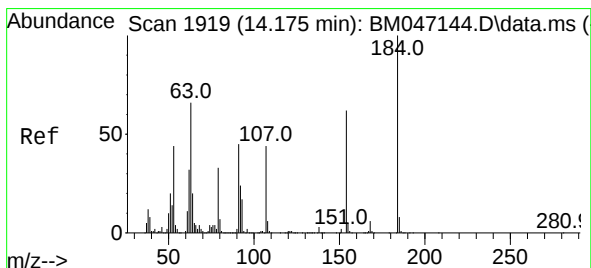
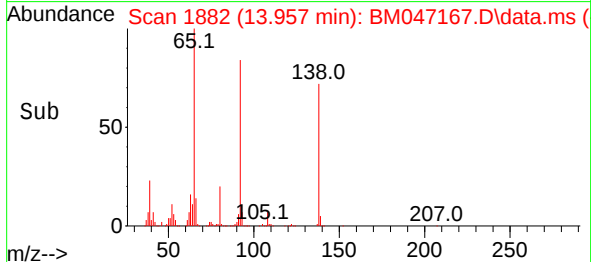
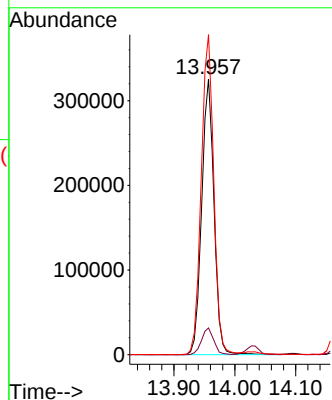
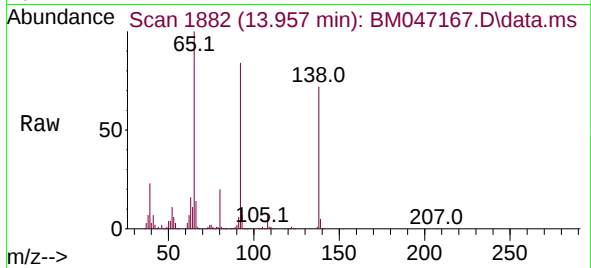




#53
3-Nitroaniline
Concen: 41.572 ng
RT: 13.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

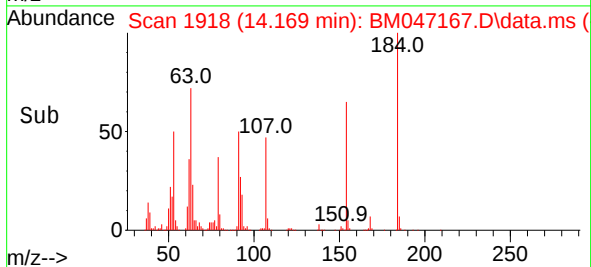
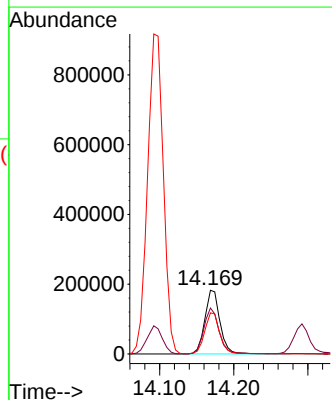
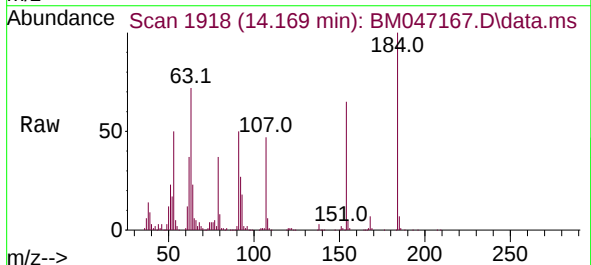
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

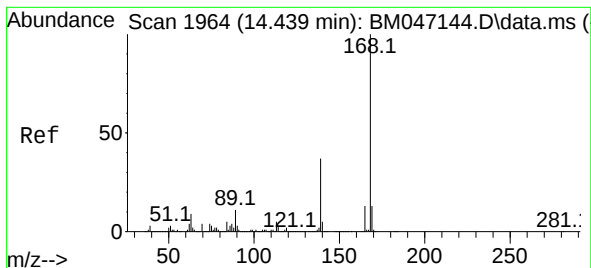
Tgt Ion:138 Resp: 456016
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 116.1 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 39.493 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:184 Resp: 259117
Ion Ratio Lower Upper
184 100
63 72.1 52.7 79.1
154 64.6 50.4 75.6





#55

Dibenzenofuran

Concen: 38.474 ng

RT: 14.433 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

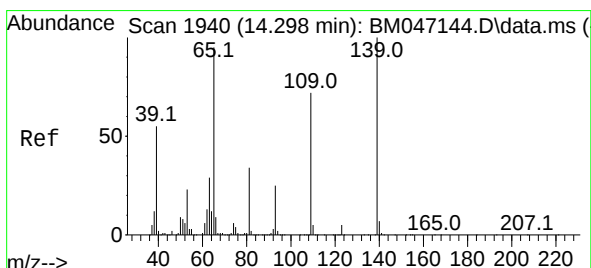
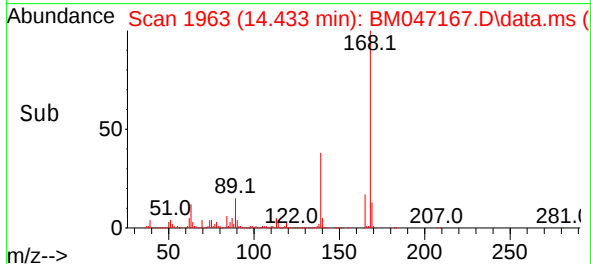
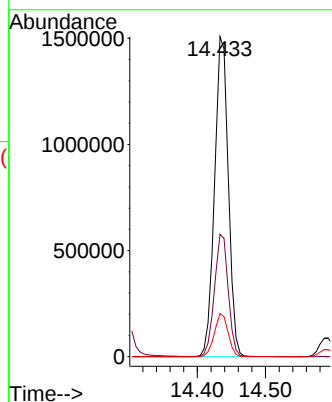
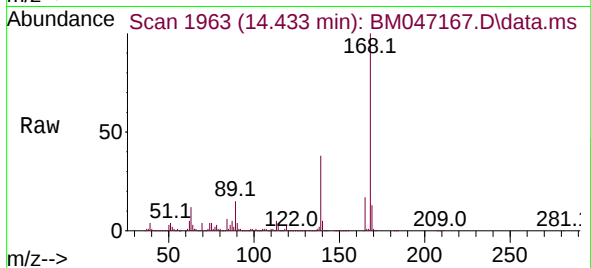
Tgt Ion:168 Resp: 2120042

Ion Ratio Lower Upper

168 100

139 38.3 29.6 44.4

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 41.988 ng

RT: 14.292 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

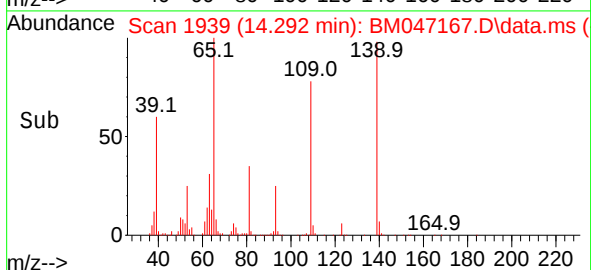
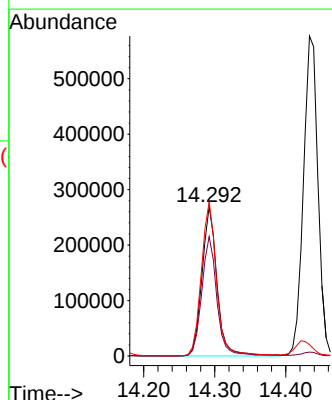
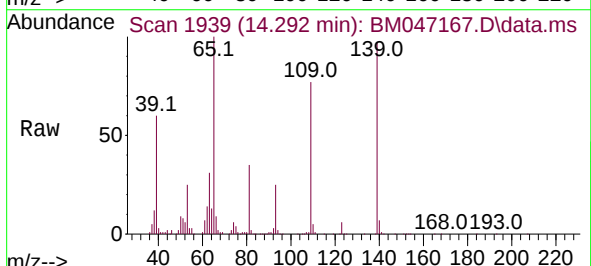
Tgt Ion:139 Resp: 397160

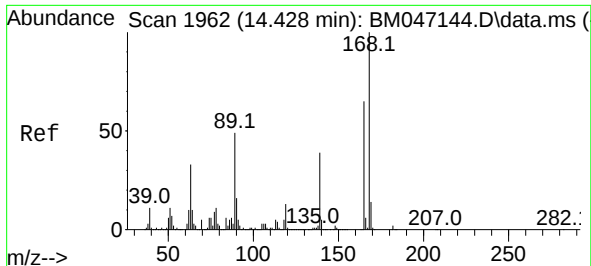
Ion Ratio Lower Upper

139 100

109 79.9 52.5 92.5

65 103.2 75.4 115.4

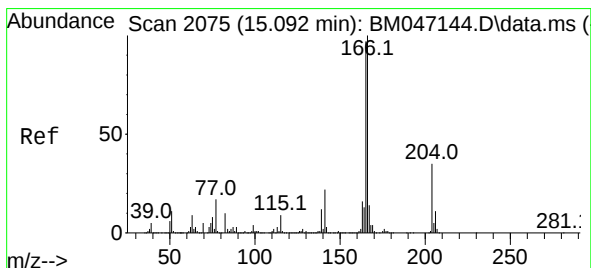
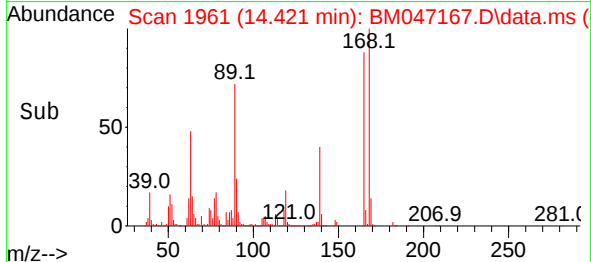
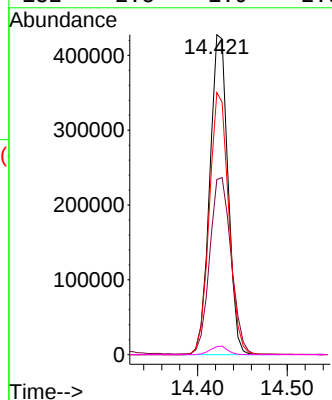
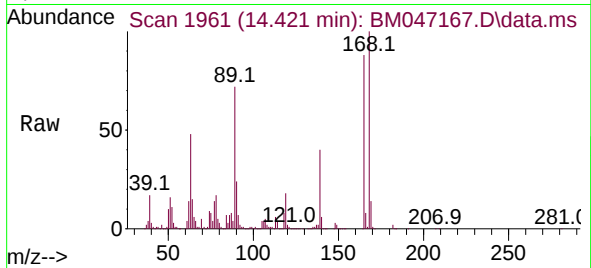




#57
2,4-Dinitrotoluene
Concen: 41.267 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

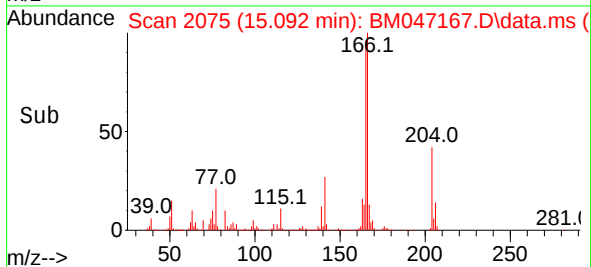
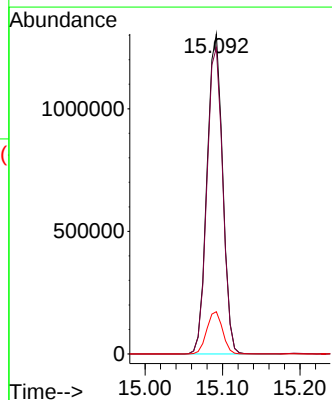
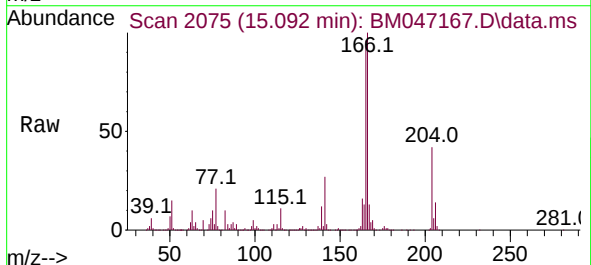
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

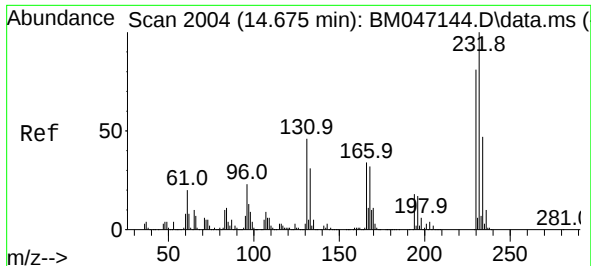
Tgt Ion:165 Resp: 602972
Ion Ratio Lower Upper
165 100
63 54.8 40.3 60.5
89 81.9 61.0 91.6
182 2.5 1.9 2.9



#58
Fluorene
Concen: 40.126 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:166 Resp: 1824373
Ion Ratio Lower Upper
166 100
165 95.7 77.4 116.0
167 13.2 11.0 16.6

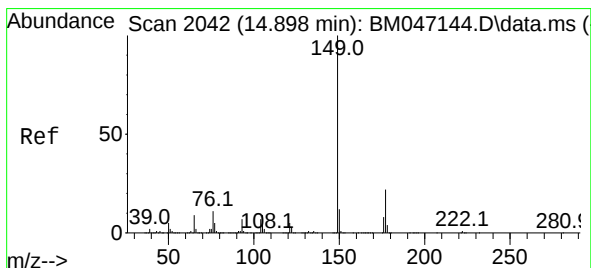
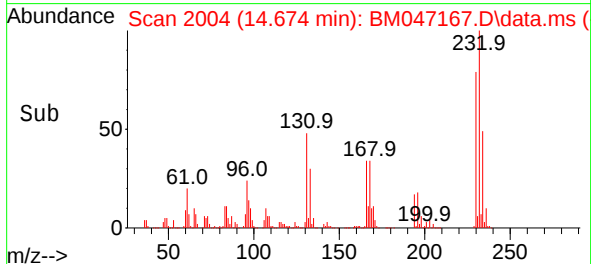
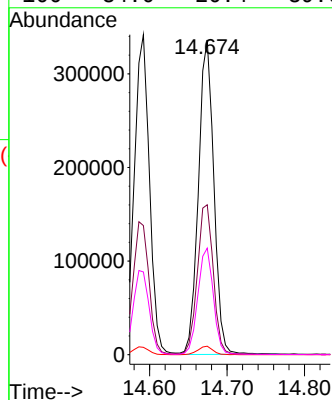
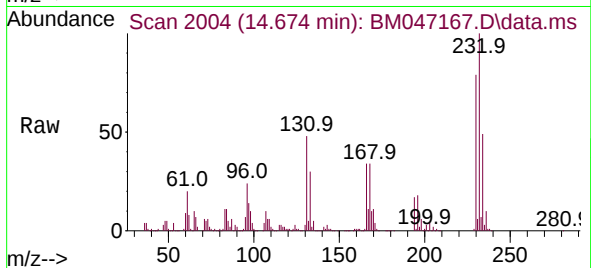




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.197 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

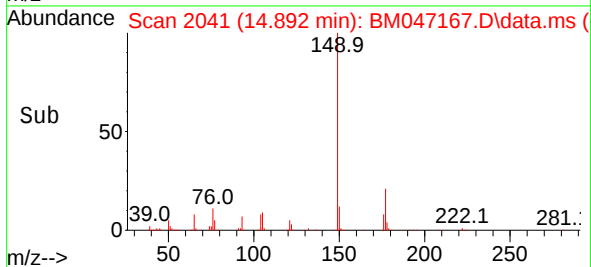
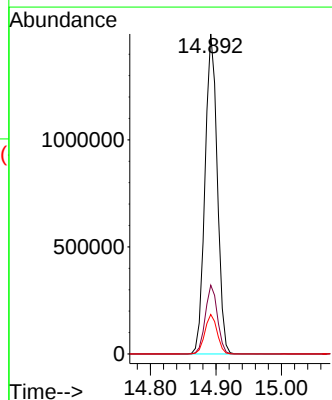
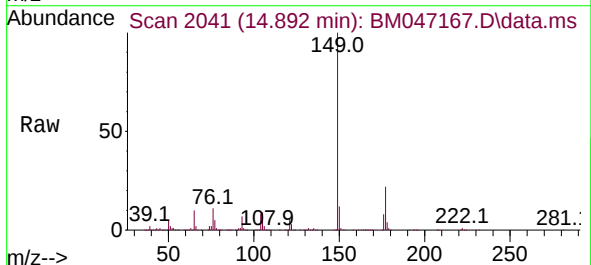
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

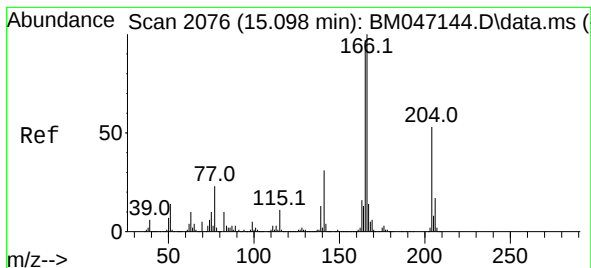
Tgt Ion:232 Resp: 464947
Ion Ratio Lower Upper
232 100
131 49.0 36.9 55.3
130 2.6 2.0 3.0
166 34.0 26.4 39.6



#60
Diethylphthalate
Concen: 40.704 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:149 Resp: 1946496
Ion Ratio Lower Upper
149 100
177 21.5 17.6 26.4
150 12.3 9.8 14.6

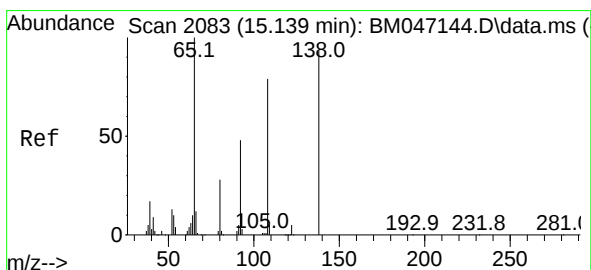
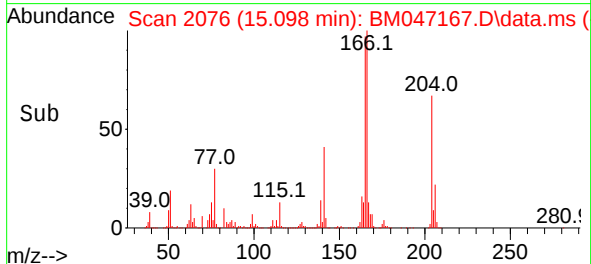
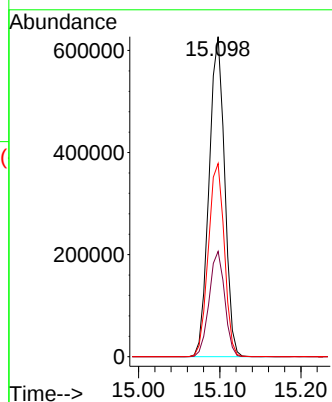
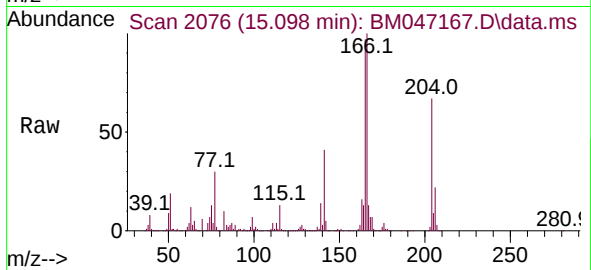




#61
4-Chlorophenyl-phenylether
Concen: 38.605 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

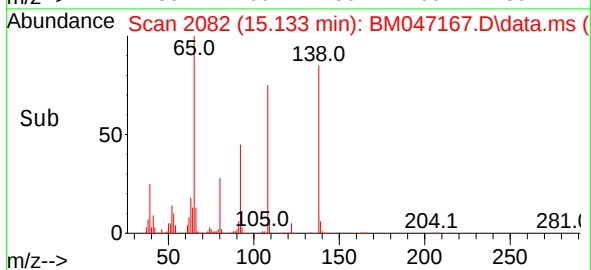
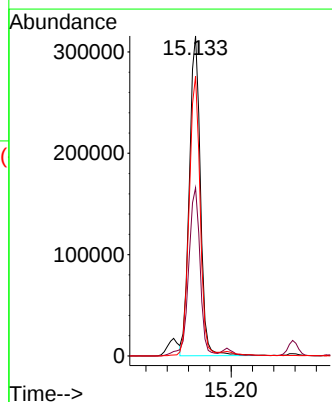
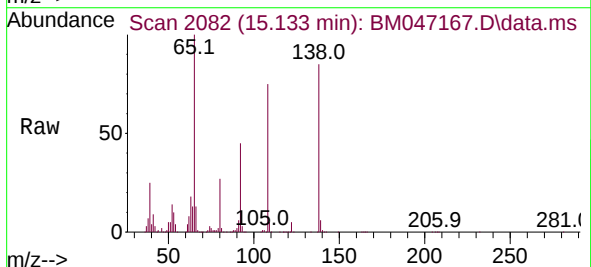
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

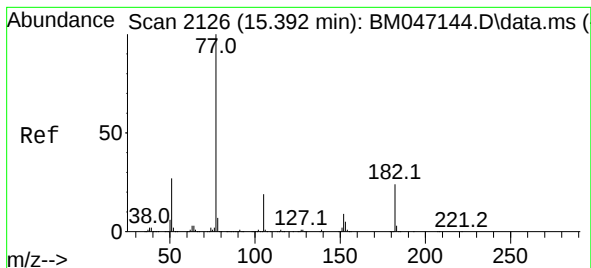
Tgt Ion:204 Resp: 835634
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 60.3 47.2 70.8



#62
4-Nitroaniline
Concen: 42.078 ng
RT: 15.133 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:138 Resp: 454728
Ion Ratio Lower Upper
138 100
92 52.5 31.9 71.9
108 87.5 63.8 103.8





#63

Azobenzene

Concen: 42.054 ng

RT: 15.392 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1906835

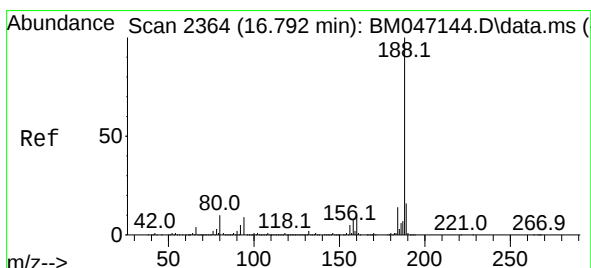
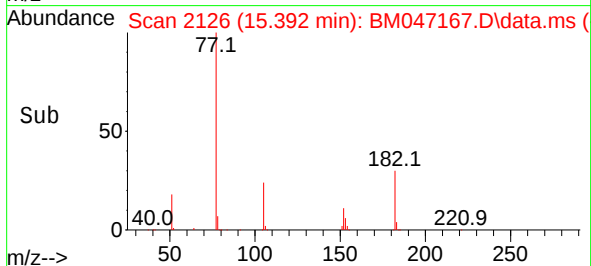
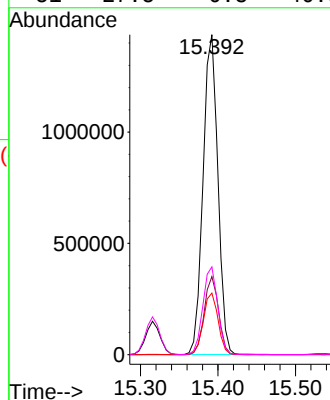
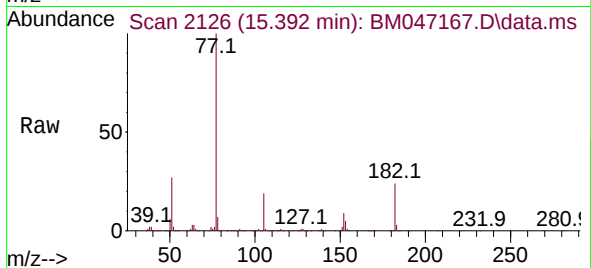
Ion Ratio Lower Upper

77 100

182 24.4 3.8 43.8

105 19.2 0.0 39.5

51 27.5 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

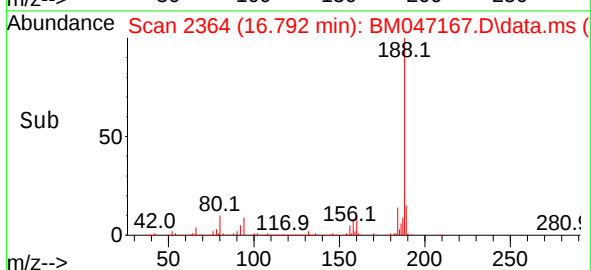
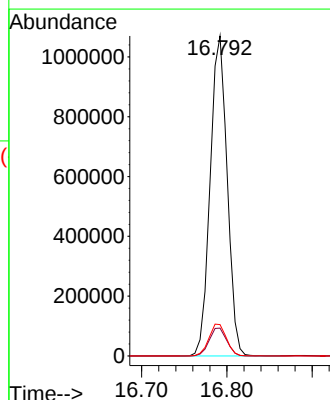
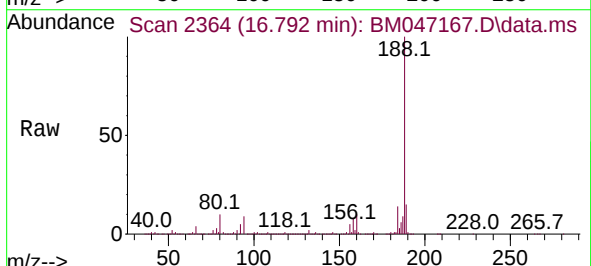
Tgt Ion:188 Resp: 1484983

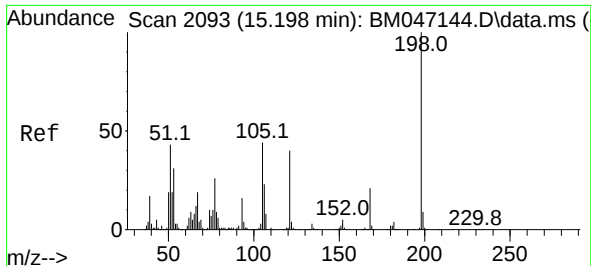
Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.8 8.0 12.0

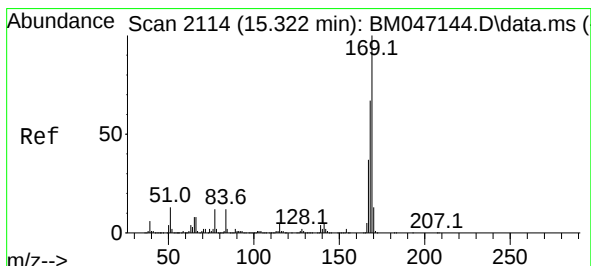
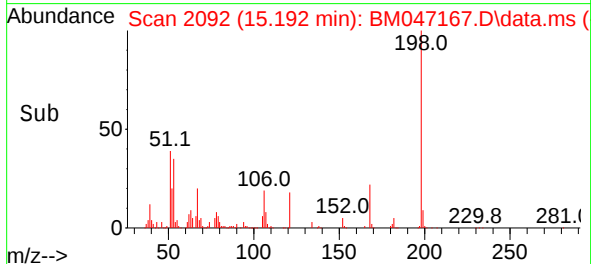
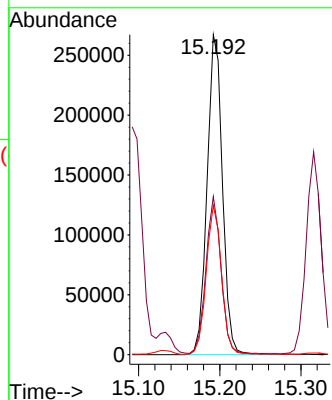
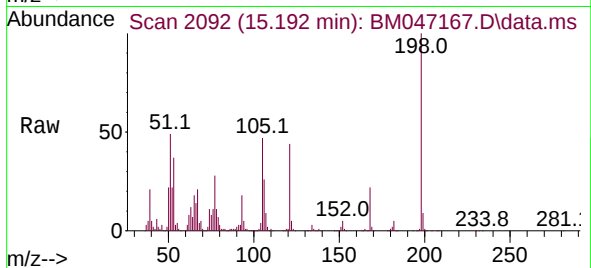




#65
4,6-Dinitro-2-methylphenol
Concen: 40.255 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

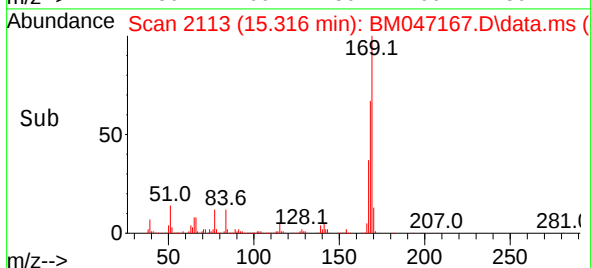
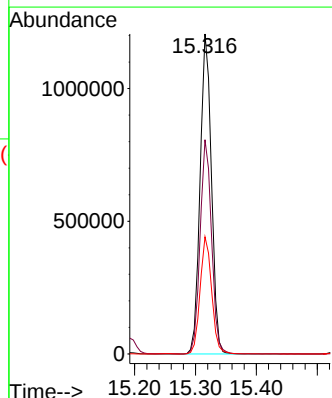
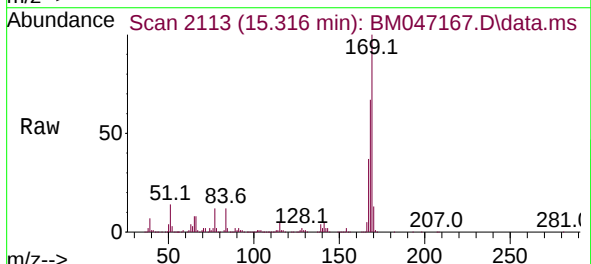
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

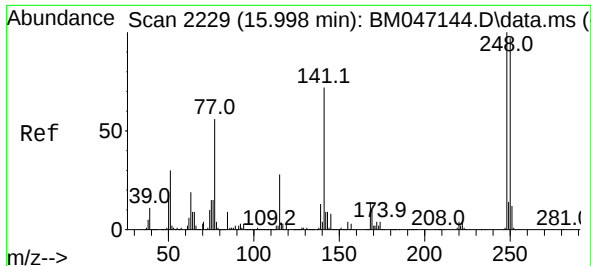
Tgt Ion:198 Resp: 349994
Ion Ratio Lower Upper
198 100
51 49.4 23.9 63.9
105 46.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 38.342 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:169 Resp: 1550846
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.6 29.3 43.9

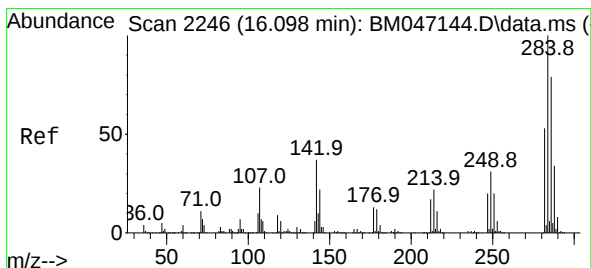
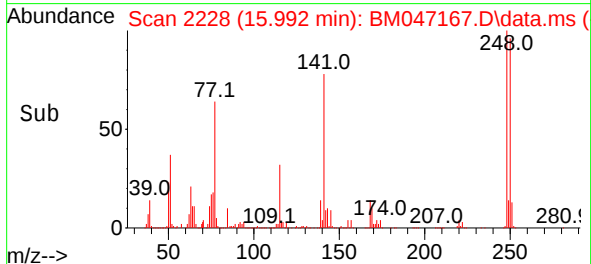
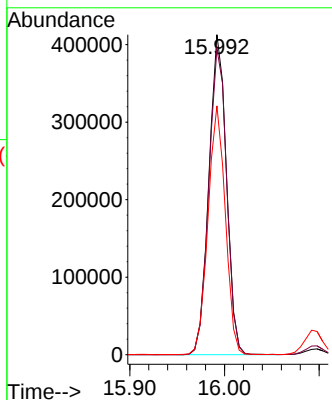
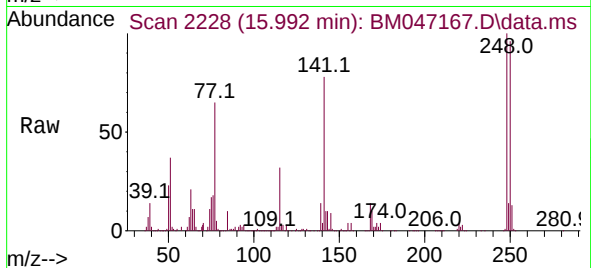




#67
4-Bromophenyl-phenylether
Concen: 37.002 ng
RT: 15.992 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

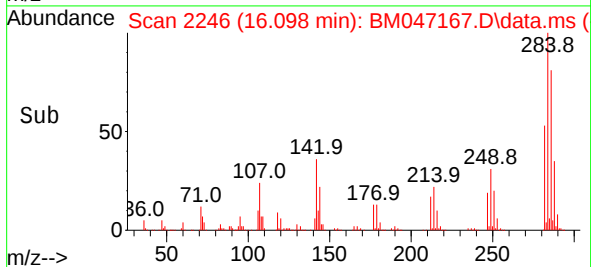
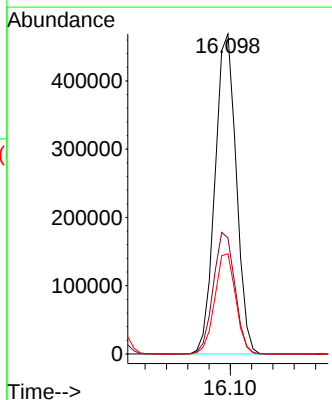
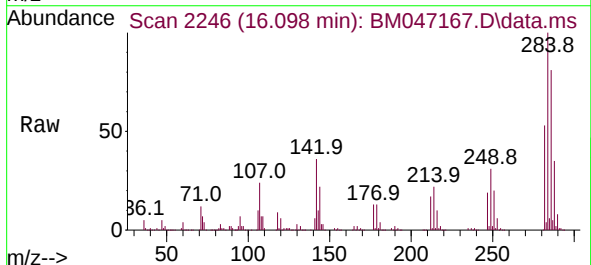
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

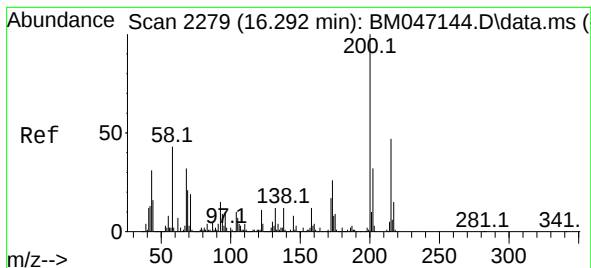
Tgt Ion:248 Resp: 529484
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.8
141 77.7 57.7 86.5



#68
Hexachlorobenzene
Concen: 37.847 ng
RT: 16.098 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:284 Resp: 648619
Ion Ratio Lower Upper
284 100
142 36.3 29.4 44.0
249 31.3 25.1 37.7





#69

Atrazine

Concen: 37.733 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

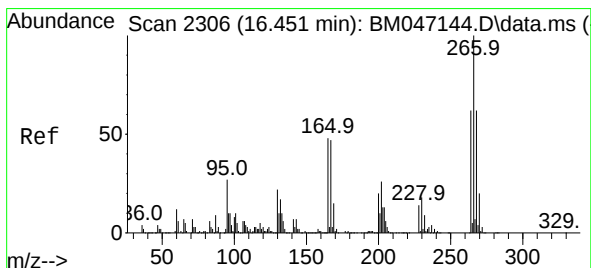
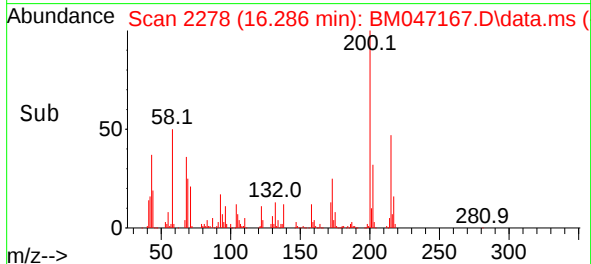
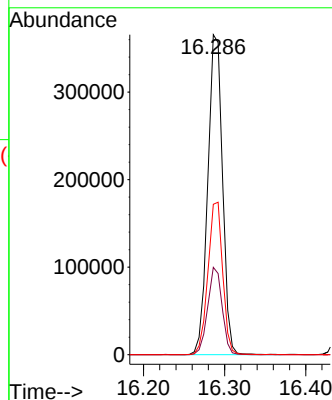
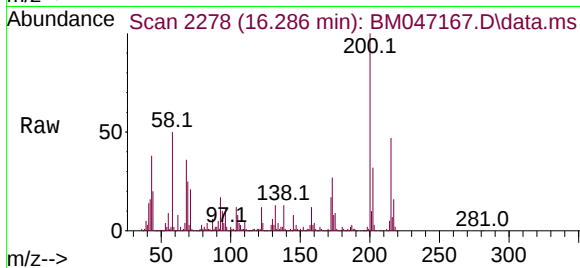
Tgt Ion:200 Resp: 459262

Ion Ratio Lower Upper

200 100

173 27.3 6.1 46.1

215 47.0 26.8 66.8



#70

Pentachlorophenol

Concen: 39.061 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

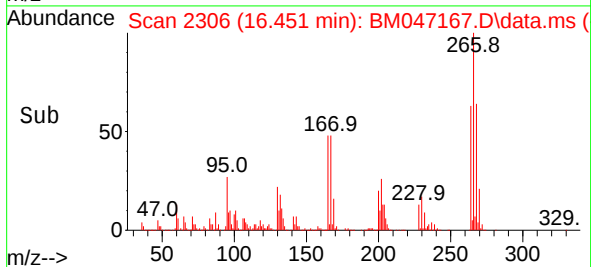
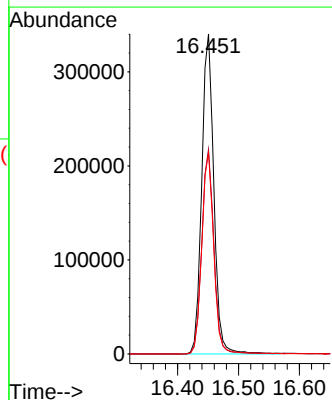
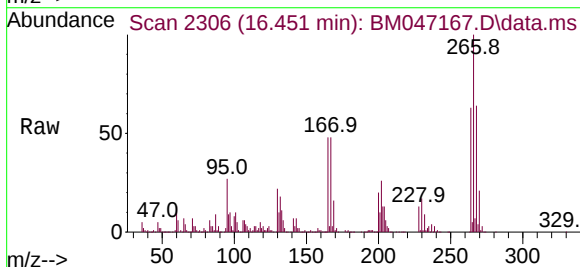
Tgt Ion:266 Resp: 469250

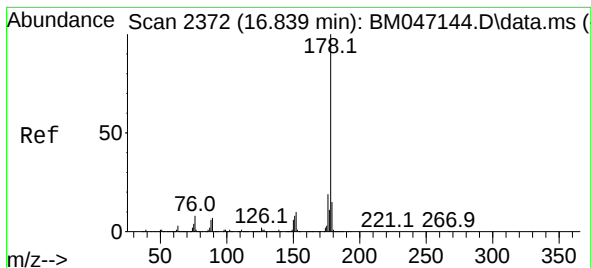
Ion Ratio Lower Upper

266 100

268 64.0 49.8 74.6

264 62.9 49.6 74.4





#71

Phenanthrene

Concen: 39.274 ng

RT: 16.833 min Scan# 2371

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

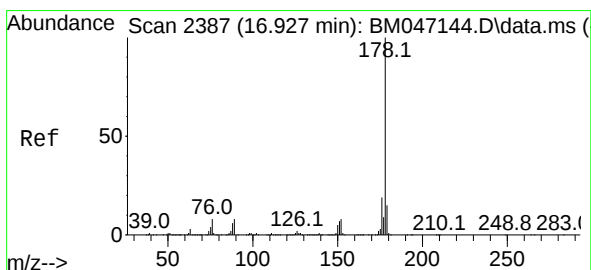
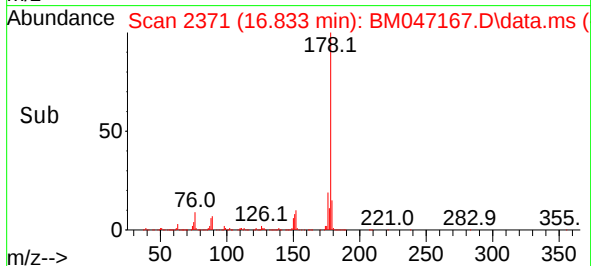
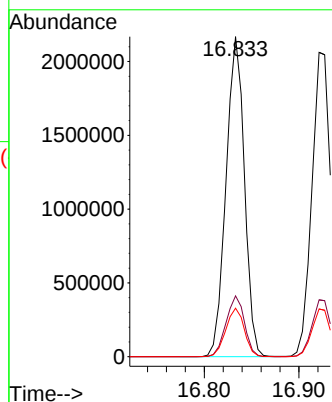
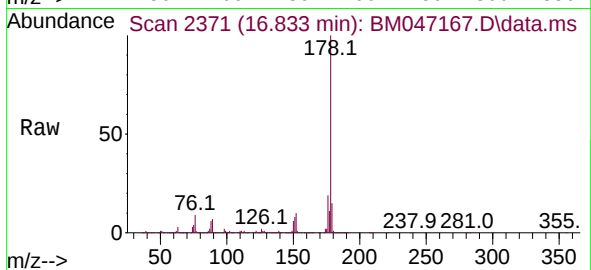
Tgt Ion:178 Resp: 2926921

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.1 12.4 18.6



#72

Anthracene

Concen: 39.500 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

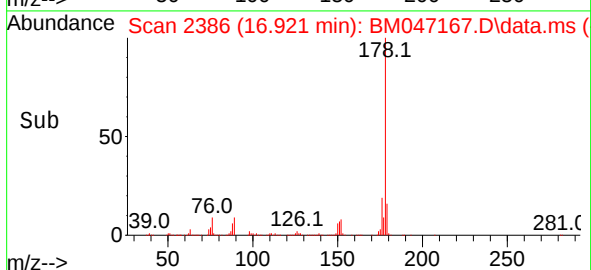
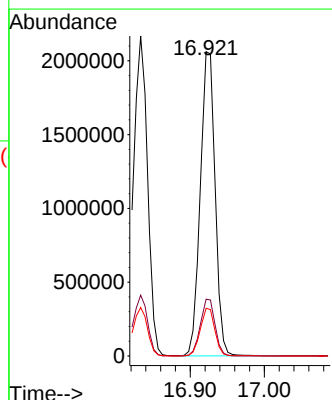
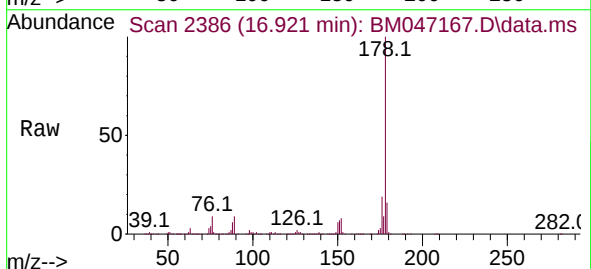
Tgt Ion:178 Resp: 2864326

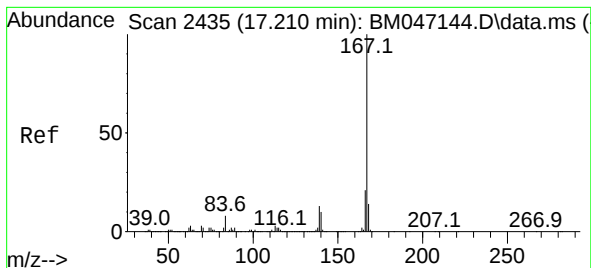
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.7 12.4 18.6





#73

Carbazole

Concen: 39.809 ng

RT: 17.204 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

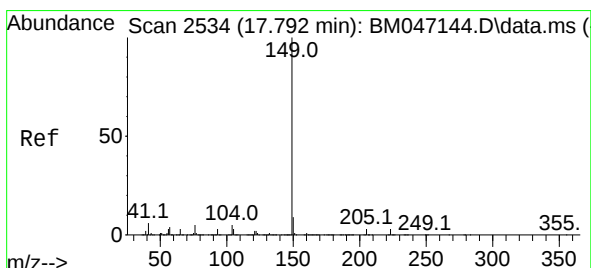
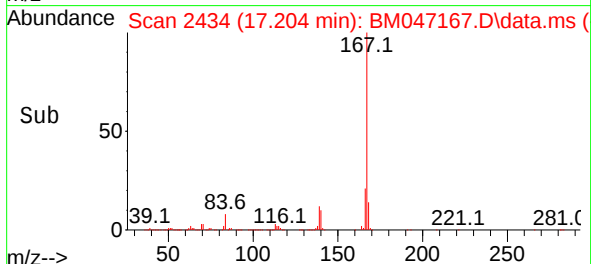
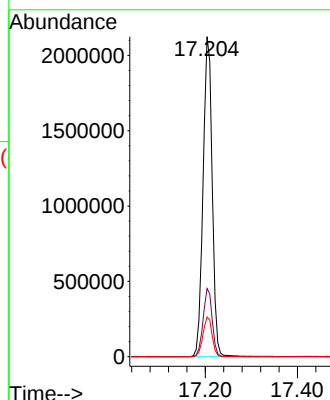
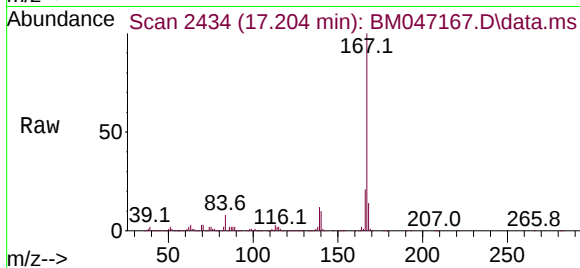
Tgt Ion:167 Resp: 2947441

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.4 10.0 15.0



#74

Di-n-butylphthalate

Concen: 40.652 ng

RT: 17.792 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

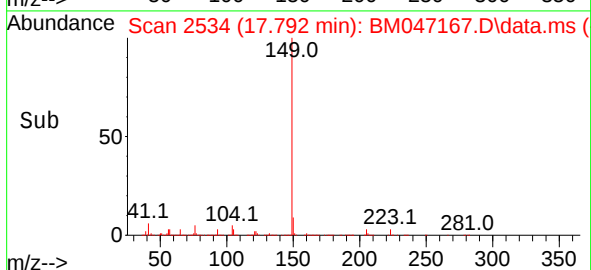
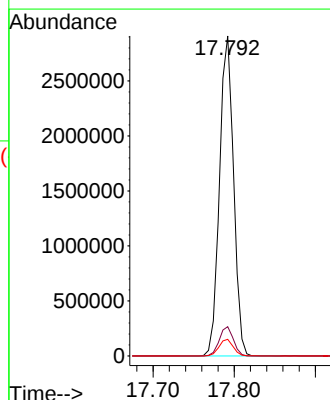
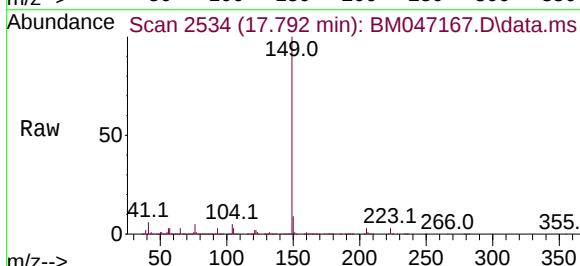
Tgt Ion:149 Resp: 3502202

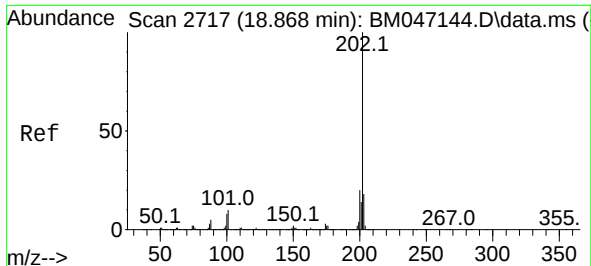
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.2 4.1 6.1

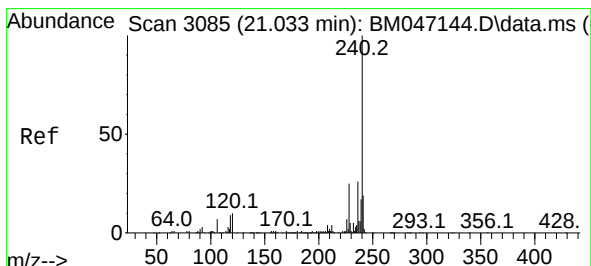
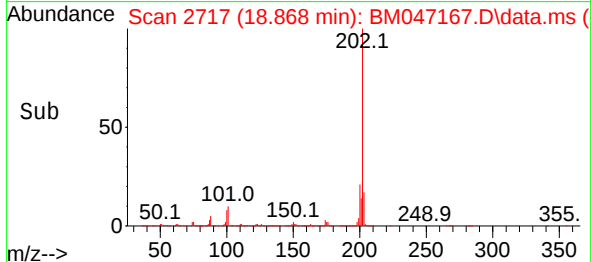
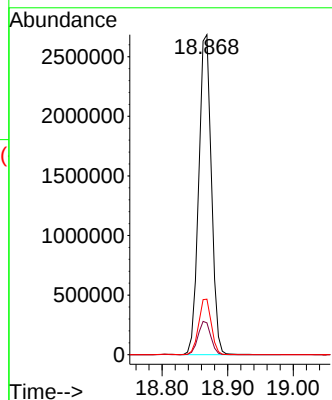
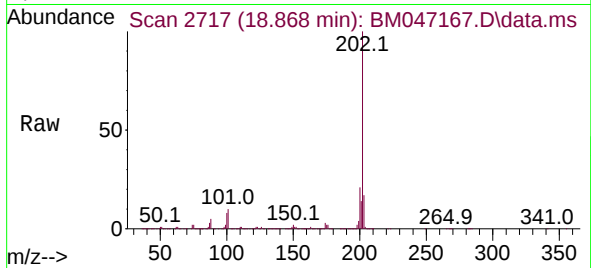




#75
Fluoranthene
Concen: 39.754 ng
RT: 18.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

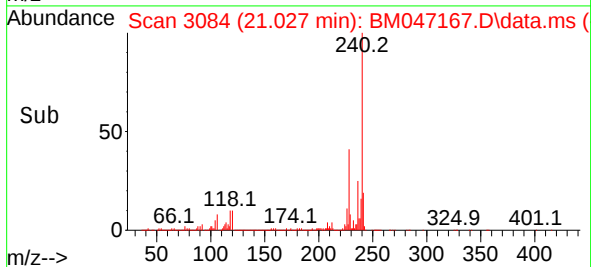
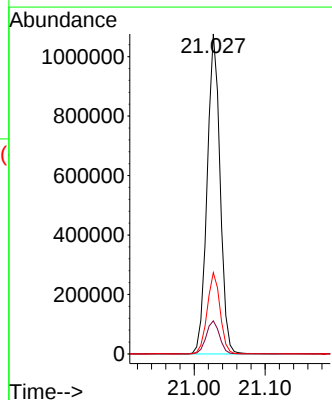
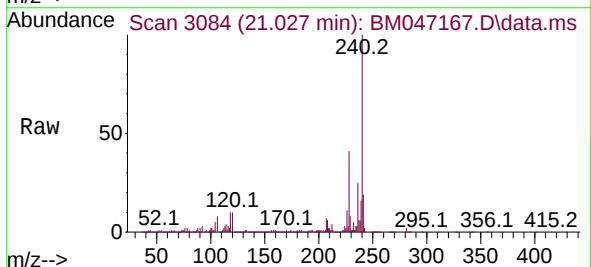
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

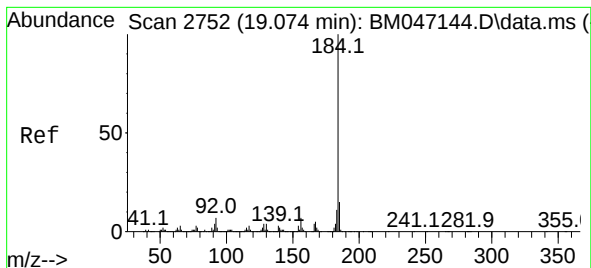
Tgt Ion:202 Resp: 3603564
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047167.D
Acq: 13 Aug 2024 08:45

Tgt Ion:240 Resp: 1364118
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 25.4 20.6 30.8





#77

Benzidine

Concen: 70.532 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

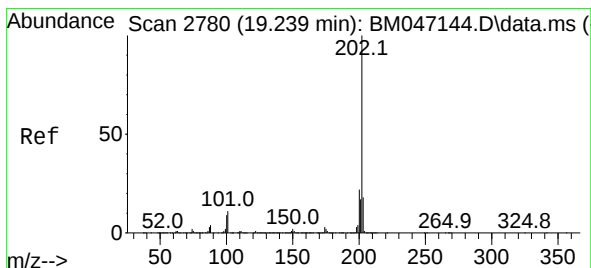
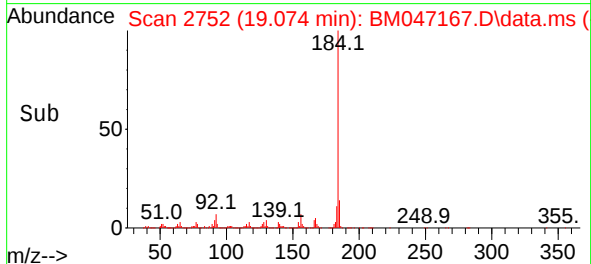
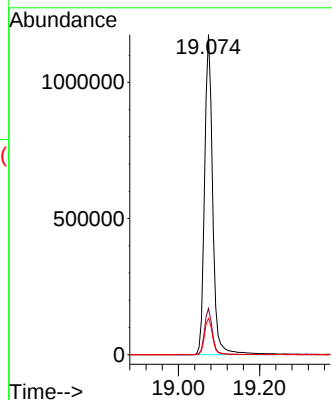
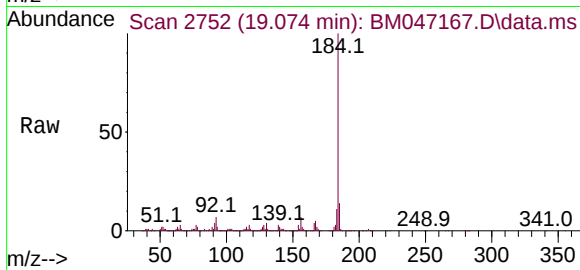
Tgt Ion:184 Resp: 1631636

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 11.4 9.0 13.6



#78

Pyrene

Concen: 39.307 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

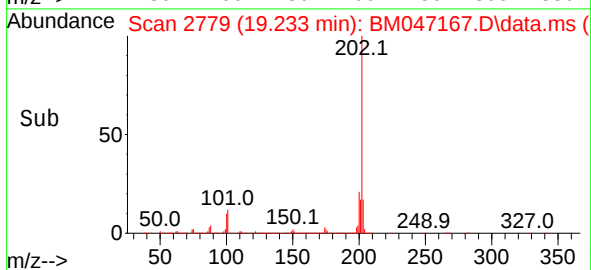
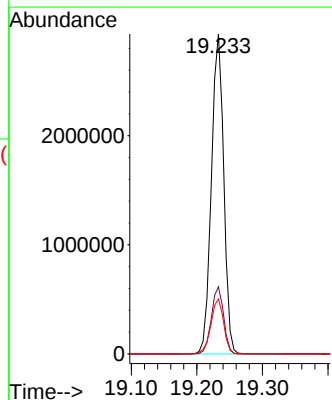
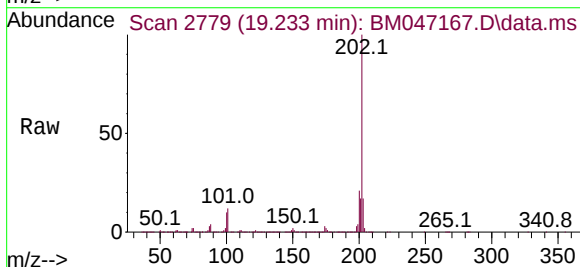
Tgt Ion:202 Resp: 3828549

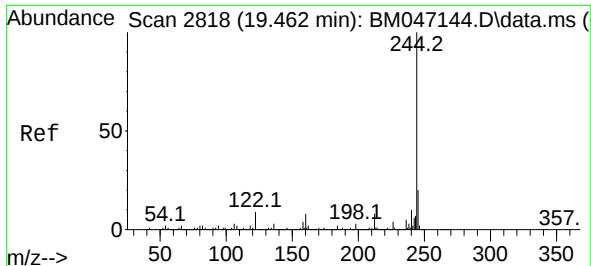
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.2 14.2 21.2

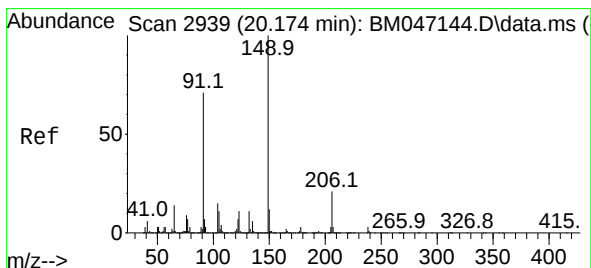
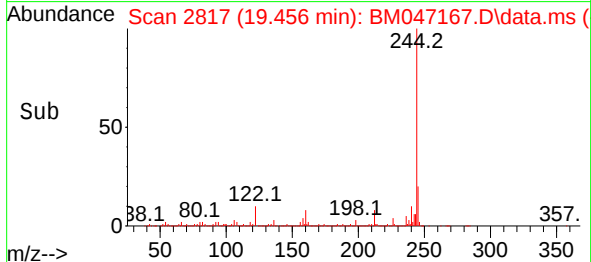
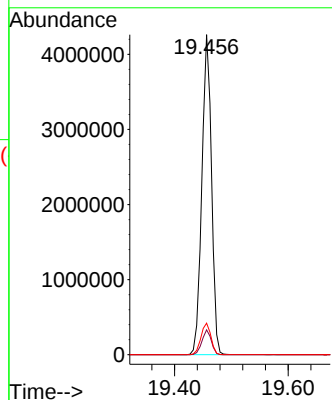
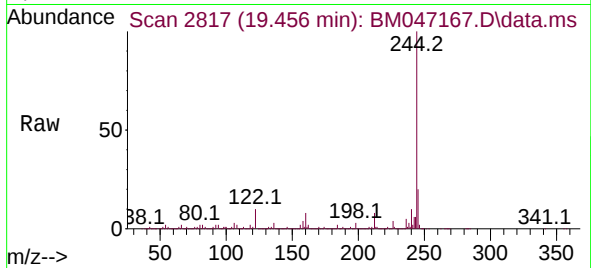




#79
 Terphenyl-d14
 Concen: 78.957 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047167.D
 Acq: 13 Aug 2024 08:45

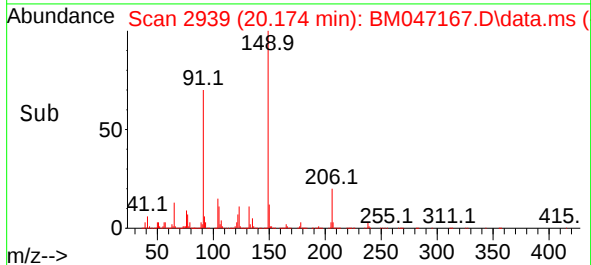
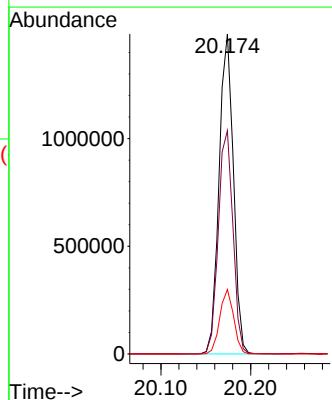
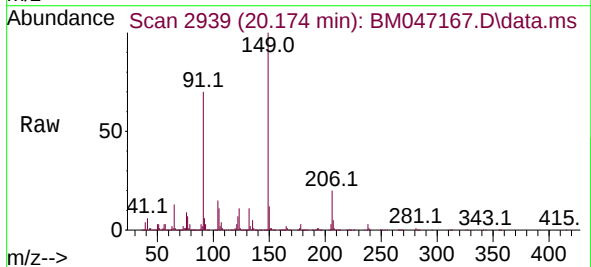
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

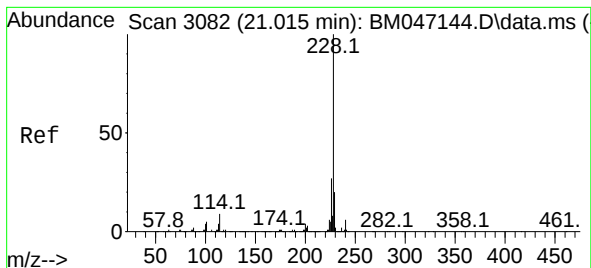
Tgt Ion:244 Resp: 5026498
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.8 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 41.308 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047167.D
 Acq: 13 Aug 2024 08:45

Tgt Ion:149 Resp: 1641984
 Ion Ratio Lower Upper
 149 100
 91 69.8 57.0 85.4
 206 20.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.611 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

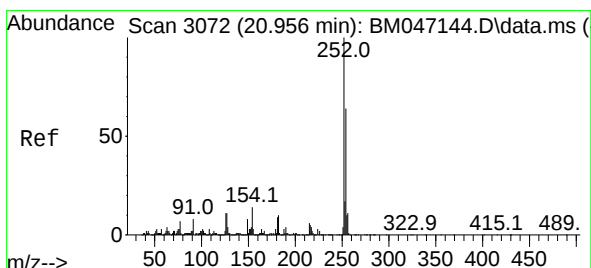
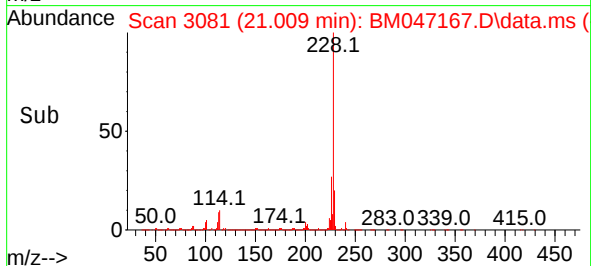
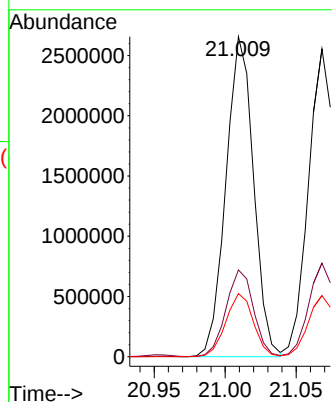
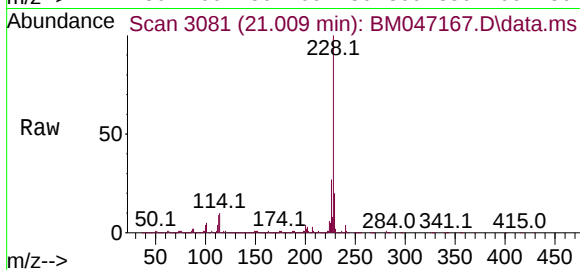
Tgt Ion:228 Resp: 3587124

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.206 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

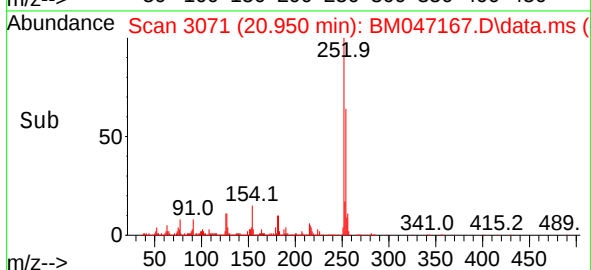
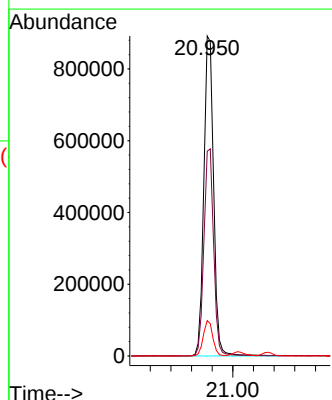
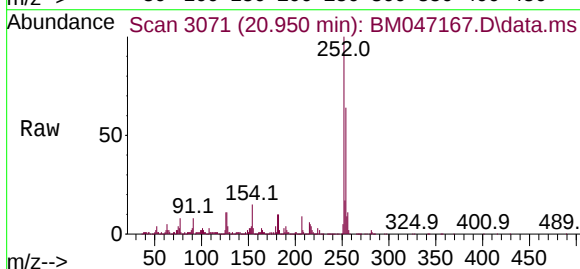
Tgt Ion:252 Resp: 1167523

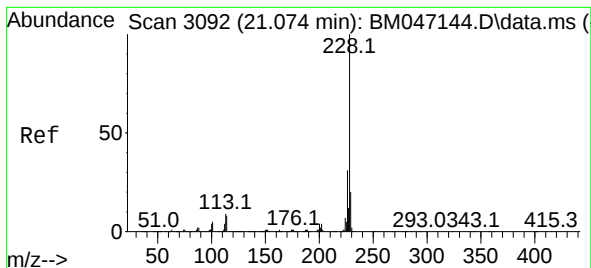
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.6

126 11.0 8.5 12.7





#83

Chrysene

Concen: 38.959 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

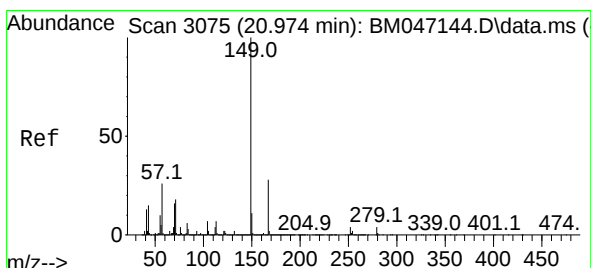
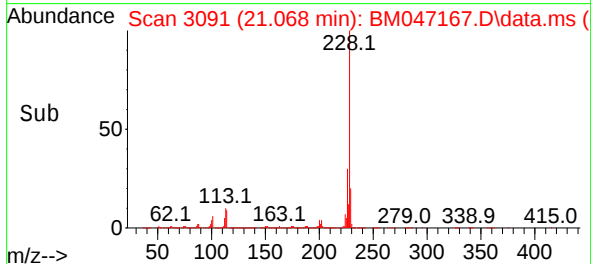
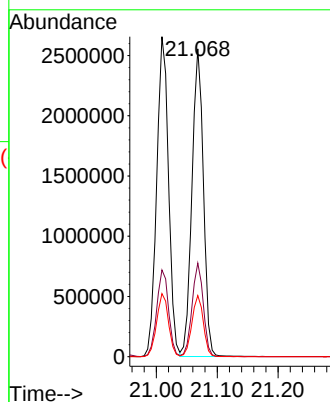
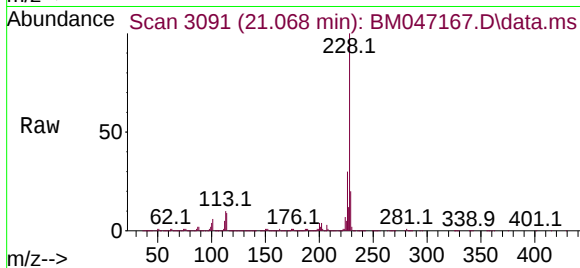
Tgt Ion:228 Resp: 3347356

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.974 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

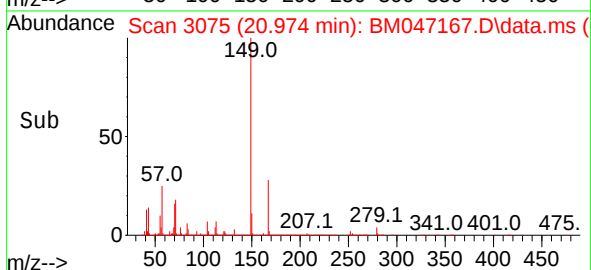
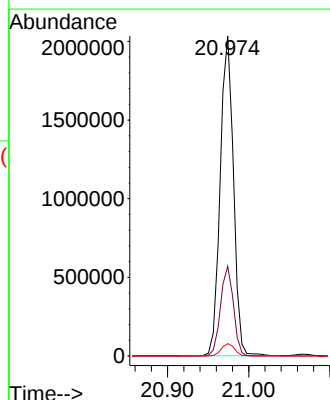
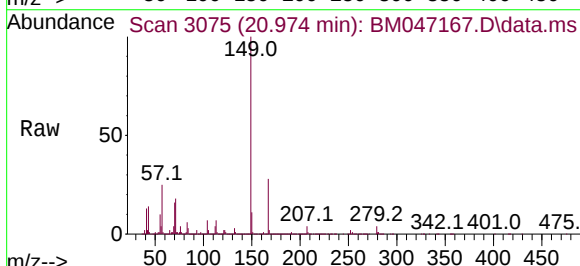
Tgt Ion:149 Resp: 2309789

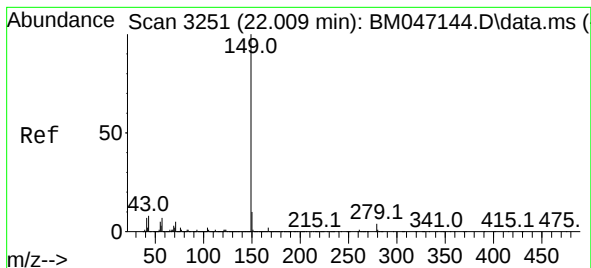
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 41.361 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

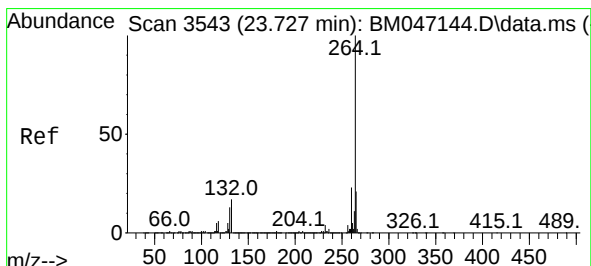
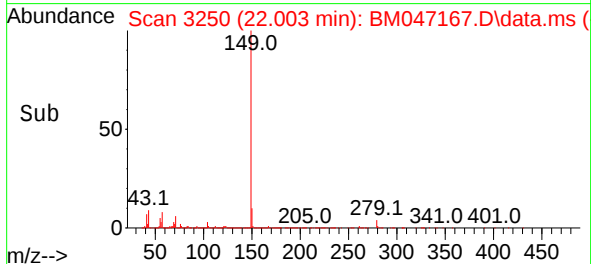
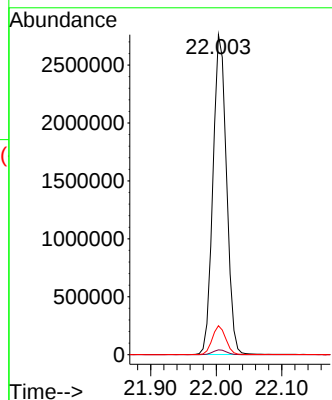
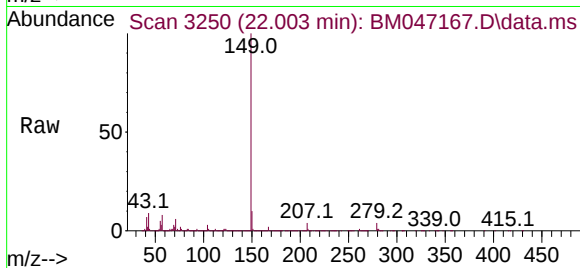
Tgt Ion:149 Resp: 3963041

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

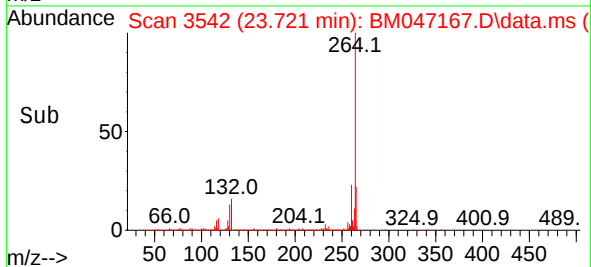
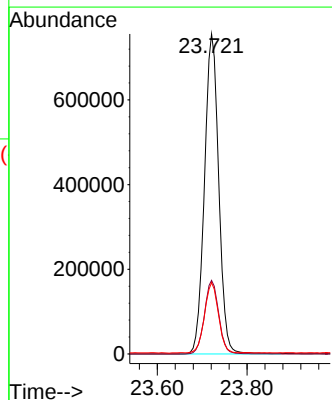
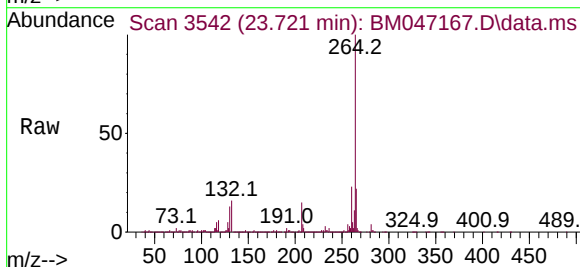
Tgt Ion:264 Resp: 1665677

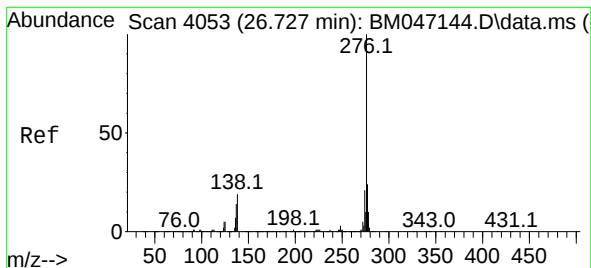
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 22.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.215 ng

RT: 26.721 min Scan# 4053

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

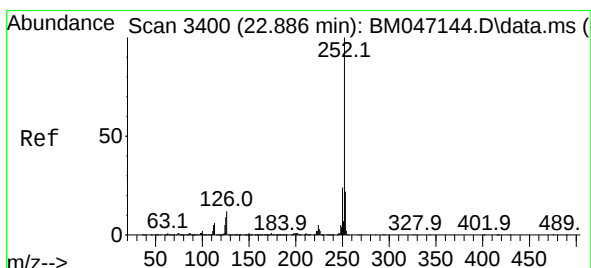
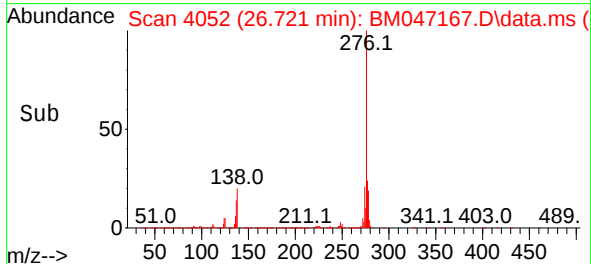
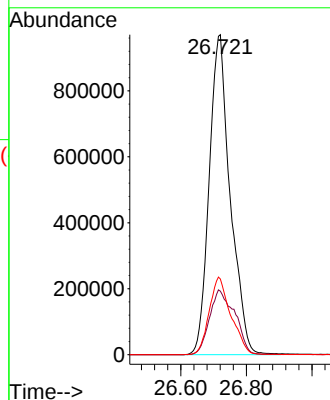
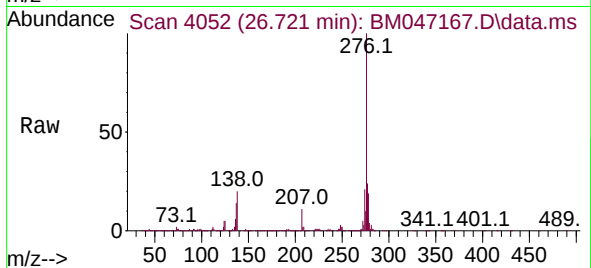
Tgt Ion:276 Resp: 4329750

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.710 ng

RT: 22.880 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

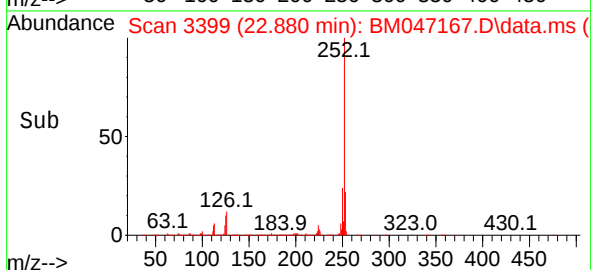
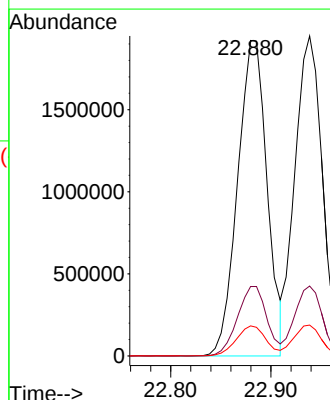
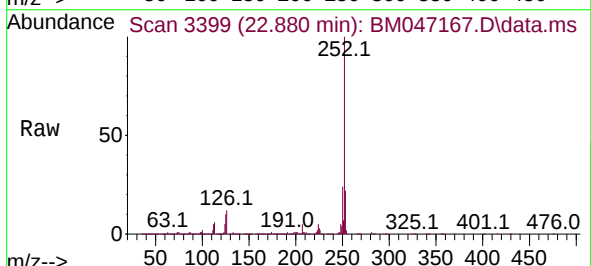
Tgt Ion:252 Resp: 3927986

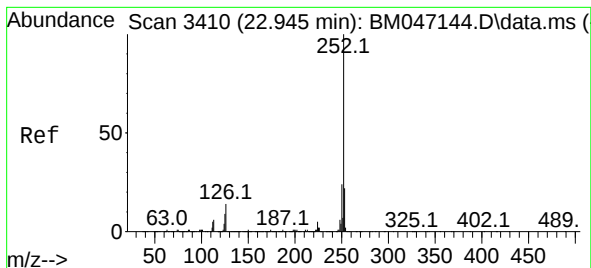
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 39.490 ng

RT: 22.939 min Scan# 3410

Delta R.T. -0.006 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

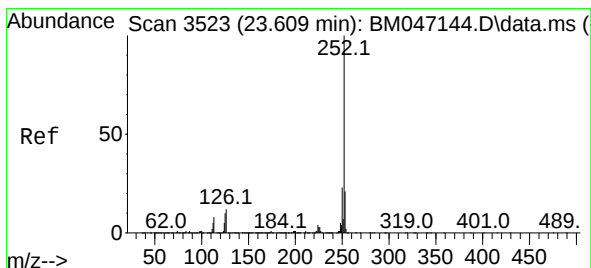
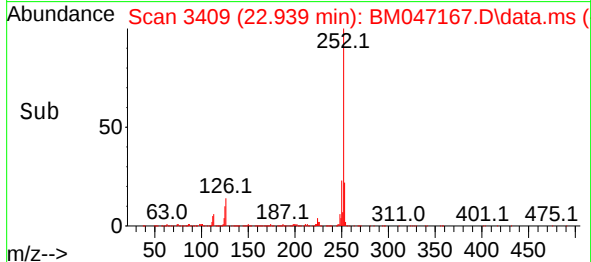
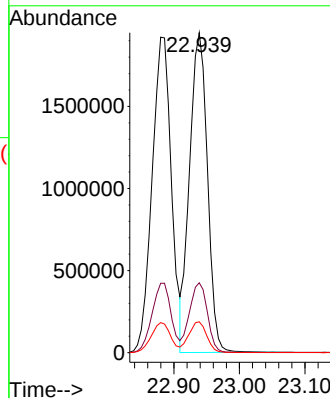
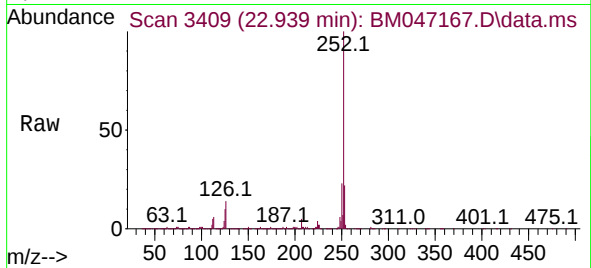
Tgt Ion:252 Resp: 3689671

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.156 ng

RT: 23.597 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

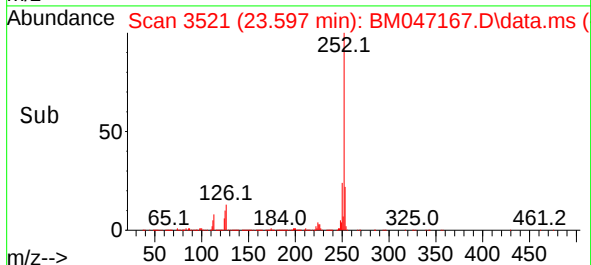
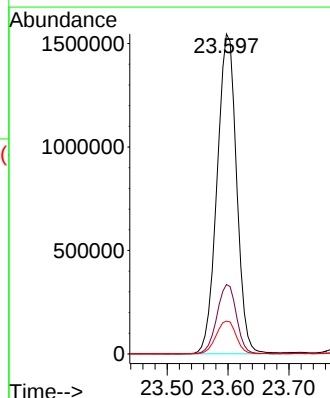
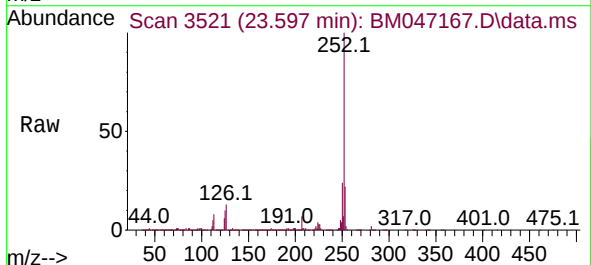
Tgt Ion:252 Resp: 3440948

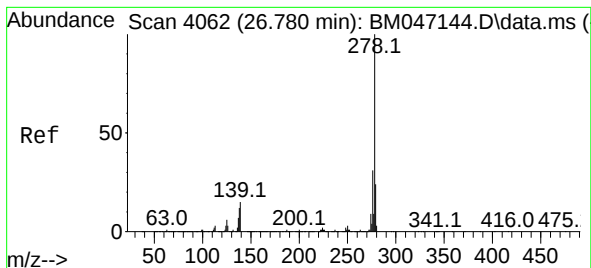
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 40.167 ng

RT: 26.762 min Scan# 4062

Delta R.T. -0.018 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

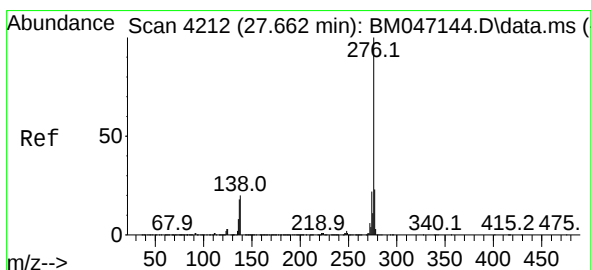
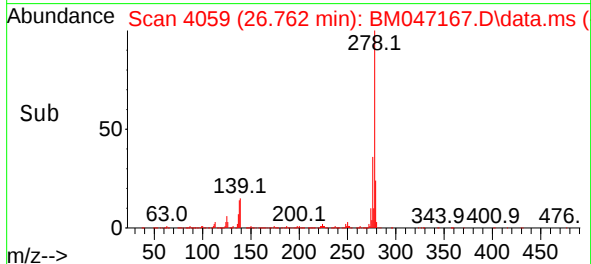
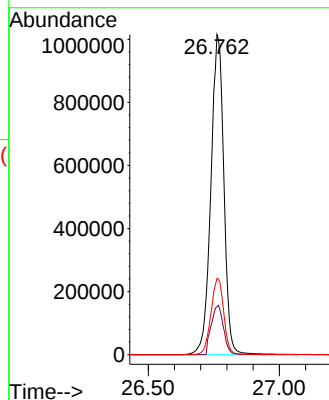
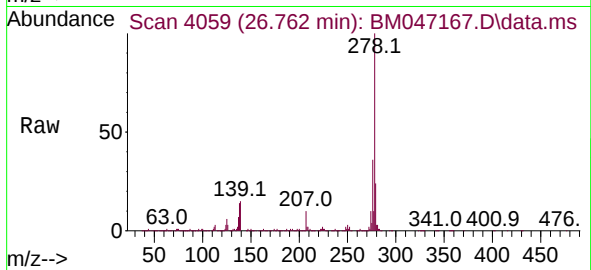
Tgt Ion:278 Resp: 3499807

Ion Ratio Lower Upper

278 100

139 15.1 12.0 18.0

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 40.347 ng

RT: 27.650 min Scan# 4210

Delta R.T. -0.012 min

Lab File: BM047167.D

Acq: 13 Aug 2024 08:45

Tgt Ion:276 Resp: 3649995

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.1 16.2 24.4

