

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
 Data File : BM047469.D
 Acq On : 10 Sep 2024 20:02
 Operator : RC/JU
 Sample : SSTD08034
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080017

Quant Time: Sep 11 00:11:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:00:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	441916	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1914929	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	1139460	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2284503	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	2119587	20.000	ng/u1	0.00
88) Perylene-d12	24.521	264	2057590	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	346603	31.073	ng/uL	0.00
4) Pyridine-d5	3.710	84	2889074	94.954	ng/u1	0.00
7) Phenol-d5	7.028	99	3454958	102.918	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	2097474	94.958	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	2750812	96.735	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	2719835	102.274	ng/u1	0.01
21) Nitrobenzene-d5	9.034	128	1306190	85.004	ng/u1	0.01
24) 2-Nitrophenol-d4	9.751	143	1374666	81.920	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	2594814	80.539	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	3894787	91.983	ng/u1	0.01
46) Dimethylphthalate-d6	13.922	166	7140229	81.954	ng/u1	0.01
49) Acenaphthylene-d8	14.198	160	8730375	89.771	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	1427712	84.753	ng/u1	0.02
60) Fluorene-d10	15.498	176	6230547	83.598	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	1116670	77.368	ng/u1	0.01
73) Anthracene-d10	17.345	188	9454593	87.300	ng/u1	0.01
81) Pyrene-d10	19.621	212	10806293	89.062	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.327	264	9783139	90.295	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	371721	29.948	ng/uL	99
5) Pyridine	3.734	79	2938175	97.541	ng/u1	100
6) Benzaldehyde	7.010	77	1424119	73.857	ng/u1	97
8) Phenol	7.057	94	3545935	104.886	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.298	93	2739781	95.079	ng/u1	100
12) 2-Chlorophenol	7.440	128	2814017	97.678	ng/u1	98
13) 2-Methylphenol	8.310	108	2679820	104.056	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.398	45	3992653	115.627	ng/u1	99
16) Acetophenone	8.698	105	4282571	102.314	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.698	70	2296773	104.054	ng/u1	98
18) 4-Methylphenol	8.651	108	2913644	104.711	ng/u1	95
19) Hexachloroethane	8.963	117	1145583	81.632	ng/u1	99
22) Nitrobenzene	9.075	77	3124984	76.119	ng/u1	98
23) Isophorone	9.610	82	6253777	89.026	ng/u1	98
25) 2-Nitrophenol	9.787	139	1528913	83.288	ng/u1	99
26) 2,4-Dimethylphenol	9.845	107	3027625	83.674	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.087	93	3683709	85.066	ng/u1	100
29) 2,4-Dichlorophenol	10.316	162	2588940	80.569	ng/u1	100
30) Naphthalene	10.722	128	8840055	87.190	ng/u1	99
32) 4-Chloroaniline	10.828	127	3819742	92.894	ng/u1	100
33) Hexachlorobutadiene	11.022	225	1450611	62.573	ng/u1	99
34) Caprolactam	11.610	113	467095	48.002	ng/u1	98
35) 4-Chloro-3-methylphenol	11.951	107	2855604	86.183	ng/u1	99
36) 2-Methylnaphthalene	12.333	142	6287932	88.819	ng/u1	99

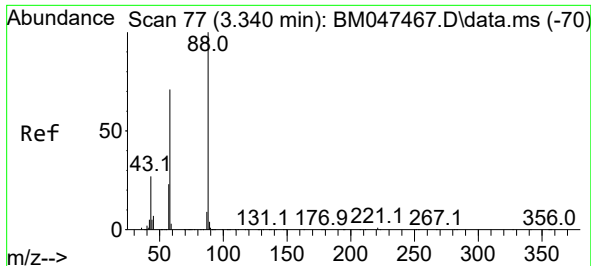
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	6309871	88.045	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	3077999	86.132	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	1912532	81.245	ng/ul	97
41) 2,4,6-Trichlorophenol	12.933	196	1937783	82.845	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	2098854	83.108	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	7733940	90.725	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	5851458	86.437	ng/ul	99
45) 2-Nitroaniline	13.575	65	1826876	88.804	ng/ul	99
47) Dimethylphthalate	13.969	163	7167311	81.983	ng/ul	99
48) 2,6-Dinitrotoluene	14.080	165	1455423	85.638	ng/ul	95
50) Acenaphthylene	14.227	152	9323370	90.775	ng/ul	99
51) 3-Nitroaniline	14.398	138	1452617	83.927	ng/ul	93
52) Acenaphthene	14.569	153	6650855	89.821	ng/ul	98
53) 2,4-Dinitrophenol	14.604	184	812838	67.784	ng/ul#	86
55) 4-Nitrophenol	14.710	109	1179521	69.183	ng/ul	96
56) Dibenzofuran	14.904	168	8494592	81.741	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	2086365	80.333	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.127	232	1640751	73.082	ng/ul	95
59) Diethylphthalate	15.333	149	7552779	80.309	ng/ul	97
61) Fluorene	15.551	166	7414805	86.506	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	3509456	83.170	ng/ul	100
63) 4-Nitroaniline	15.563	138	1378969	80.621	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.621	198	1247146	78.967	ng/ul#	95
67) N-Nitrosodiphenylamine	15.757	169	6085718	89.874	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	2098161	84.853	ng/ul	94
69) Hexachlorobenzene	16.551	284	2348373	80.655	ng/ul	97
70) Atrazine	16.710	200	2176808	81.935	ng/ul	99
71) Pentachlorophenol	16.886	266	1512729	76.738	ng/ul	98
72) Phenanthrene	17.286	178	11194875	87.418	ng/ul	98
74) Anthracene	17.380	178	11187350	86.626	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	2945931	89.626	ng/ul	99
76) Pentachlorobenzene	14.827	250	2853714	83.876	ng/ul	99
77) Carbazole	17.639	167	10381615	86.711	ng/ul	99
78) Di-n-butylphthalate	18.210	149	12323982	80.948	ng/ul#	96
80) Fluoranthene	19.286	202	12163477	83.882	ng/ul	97
82) Pyrene	19.651	202	12318227	79.724	ng/ul	94
83) Butylbenzylphthalate	20.551	149	6479722	95.950	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.368	252	4142609	79.725	ng/ul	100
85) Benzo(a)anthracene	21.456	228	12492843	80.702	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	9564266	97.012	ng/ul	97
87) Chrysene	21.521	228	11478502	77.746	ng/ul	97
89) Di-n-octyl phthalate	22.550	149	15245201	105.026	ng/ul	100
90) Benzo(b)fluoranthene	23.568	252	11908283	93.563	ng/ul	98
91) Benzo(k)fluoranthene	23.633	252	11579982	92.069	ng/ul	98
93) Benzo(a)pyrene	24.397	252	10640173	89.735	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.997	276	11615331	76.457	ng/ul	99
95) Dibenzo(a,h)anthracene	28.068	278	9520244	78.018	ng/ul	99
96) Benzo(g,h,i)perylene	29.079	276	8562171	71.333	ng/ul	98

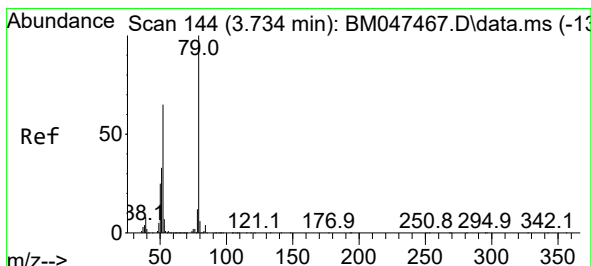
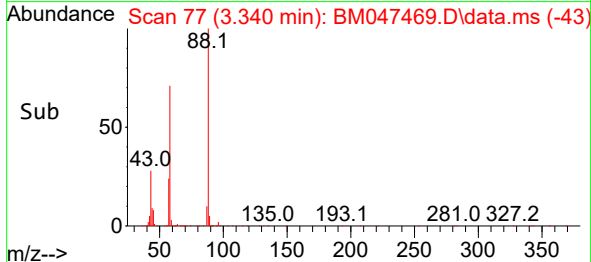
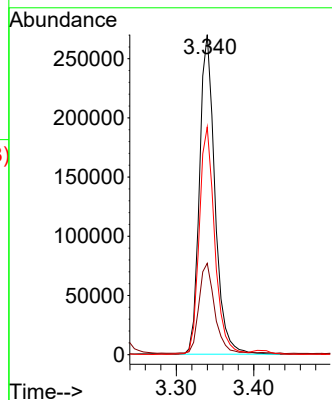
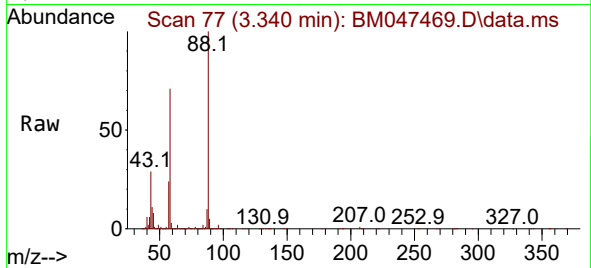
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#2
1,4-Dioxane
Concen: 29.948 ng/uL
RT: 3.340 min Scan# 77
Delta R.T. -0.000 min
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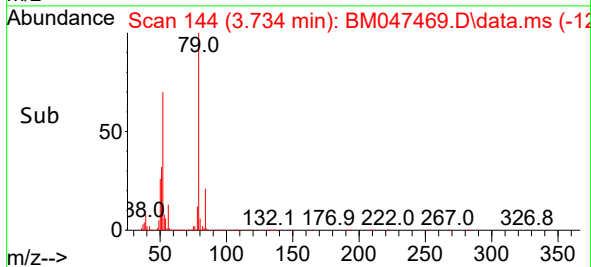
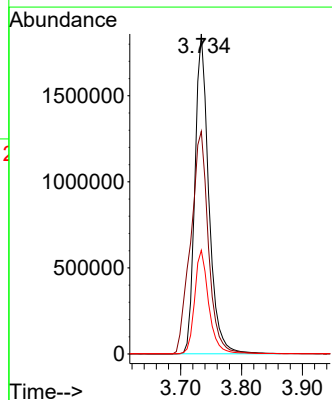
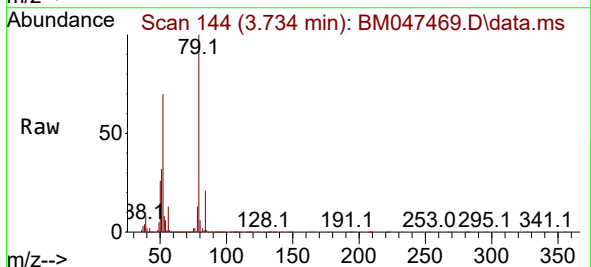
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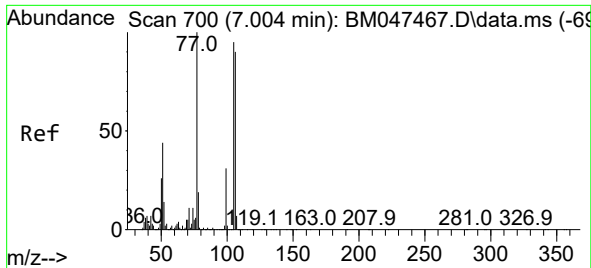
Tgt Ion: 88 Resp: 371721
Ion Ratio Lower Upper
88 100
43 28.6 24.1 36.1
58 71.2 57.0 85.4



#5
Pyridine
Concen: 97.541 ng/uL
RT: 3.734 min Scan# 144
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion: 79 Resp: 2938175
Ion Ratio Lower Upper
79 100
52 69.5 55.6 83.4
51 32.4 26.6 39.8

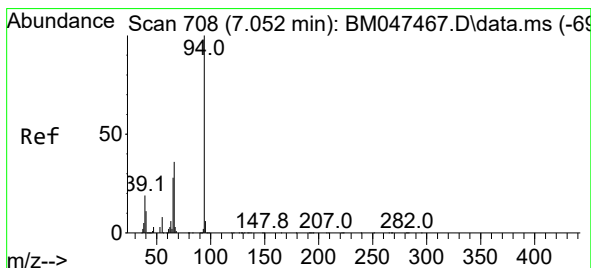
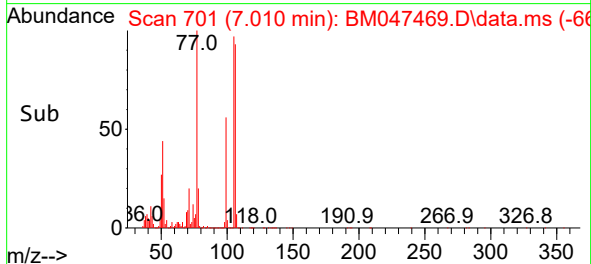
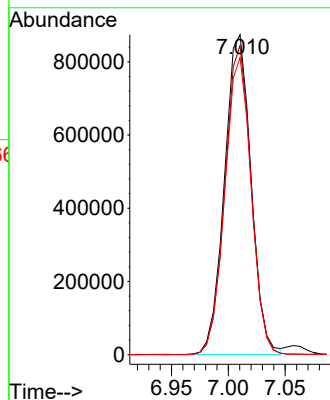
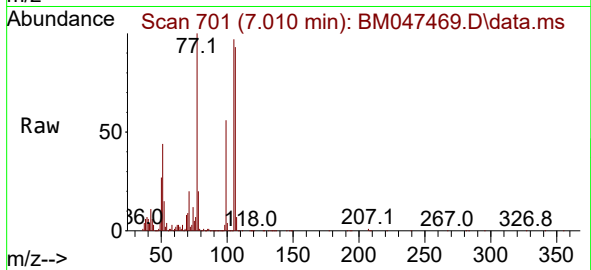




#6
Benzaldehyde
Concen: 73.857 ng/ul
RT: 7.010 min Scan# 701
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

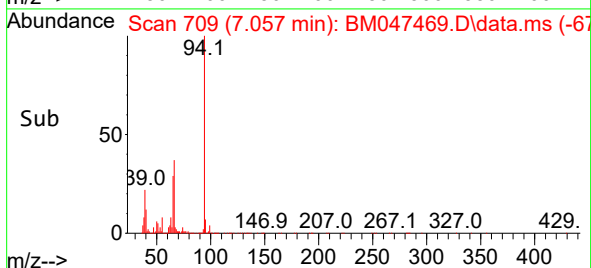
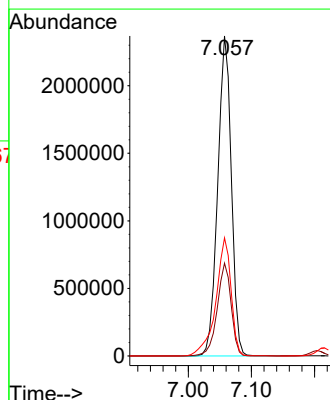
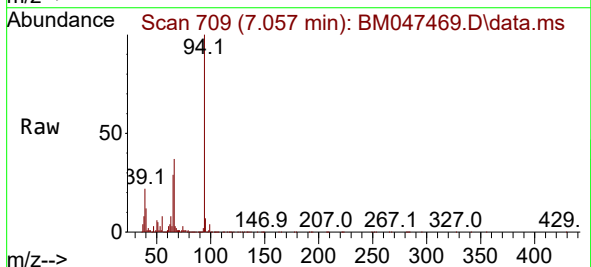
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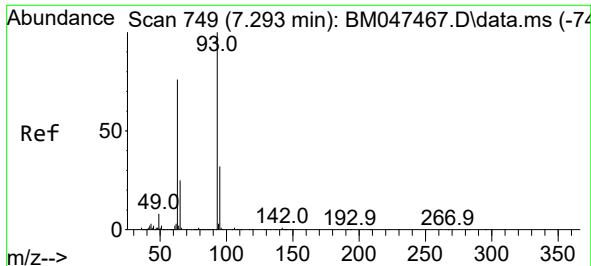
Tgt Ion: 77 Resp: 1424119
Ion Ratio Lower Upper
77 100
105 96.6 75.6 113.4
106 92.8 72.1 108.1



#8
Phenol
Concen: 104.886 ng/ul
RT: 7.057 min Scan# 709
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion: 94 Resp: 3545935
Ion Ratio Lower Upper
94 100
65 29.0 22.2 33.2
66 36.9 28.7 43.1

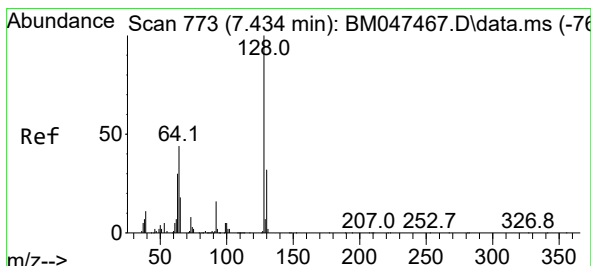
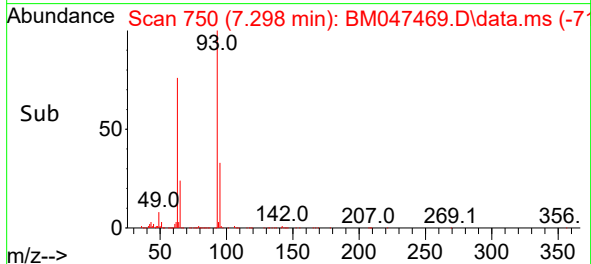
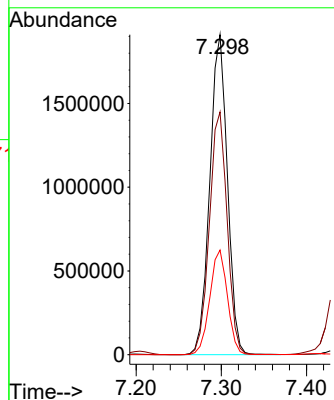
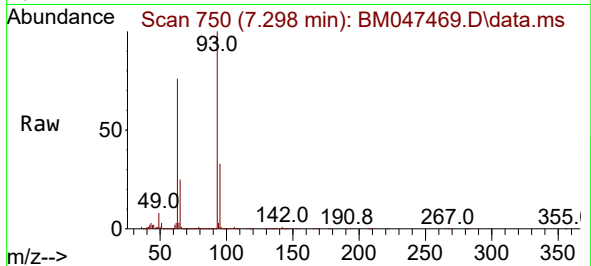




#10
Bis(2-Chloroethyl)ether
Concen: 95.079 ng/ul
RT: 7.298 min Scan# 749
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

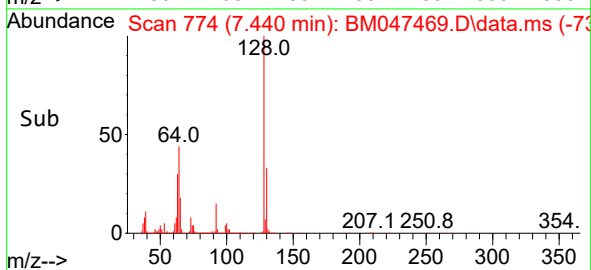
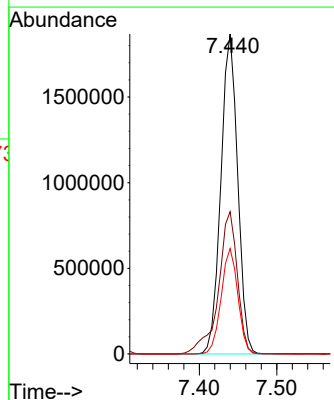
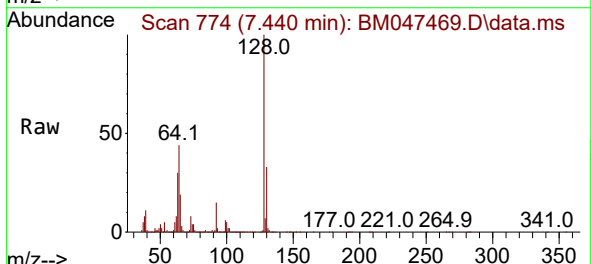
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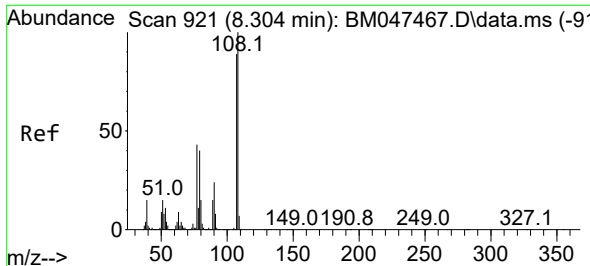
Tgt Ion: 93 Resp: 2739781
Ion Ratio Lower Upper
93 100
63 75.8 60.9 91.3
95 32.7 25.8 38.6



#12
2-Chlorophenol
Concen: 97.678 ng/ul
RT: 7.440 min Scan# 774
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:128 Resp: 2814017
Ion Ratio Lower Upper
128 100
64 44.4 36.7 55.1
130 33.0 25.9 38.9

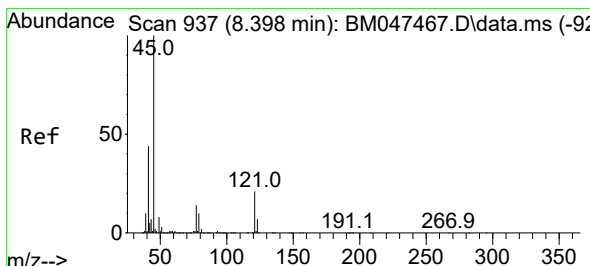
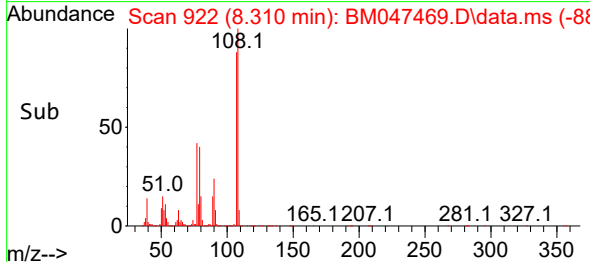
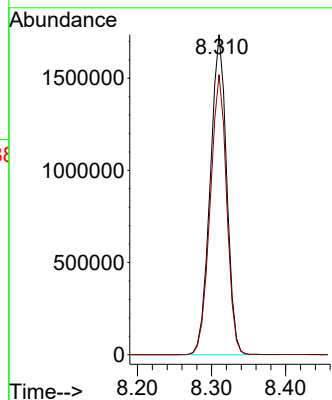
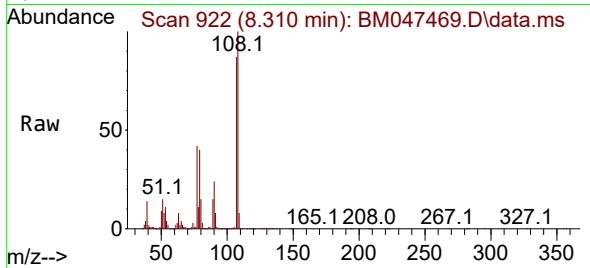




#13
2-Methylphenol
Concen: 104.056 ng/ul
RT: 8.310 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

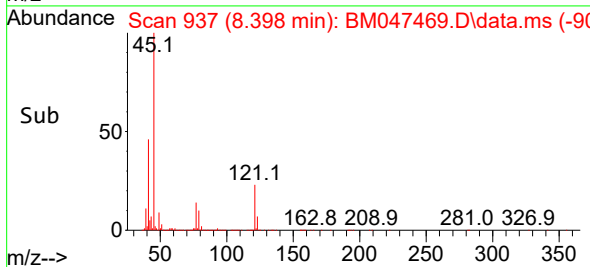
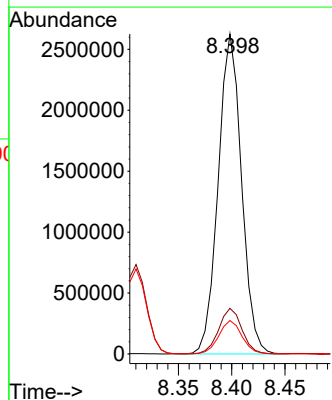
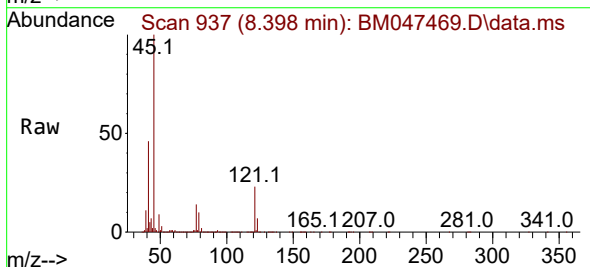
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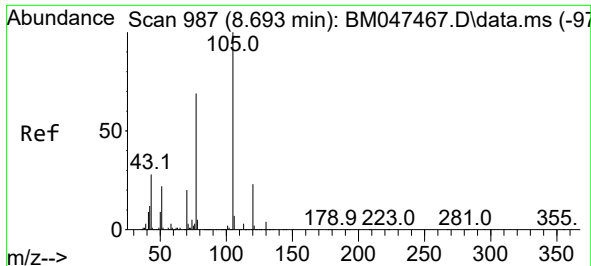
Tgt Ion:108 Resp: 2679820
Ion Ratio Lower Upper
108 100
107 87.5 71.1 106.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 115.627 ng/ul
RT: 8.398 min Scan# 937
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion: 45 Resp: 3992653
Ion Ratio Lower Upper
45 100
77 14.2 11.2 16.8
79 10.5 8.2 12.2

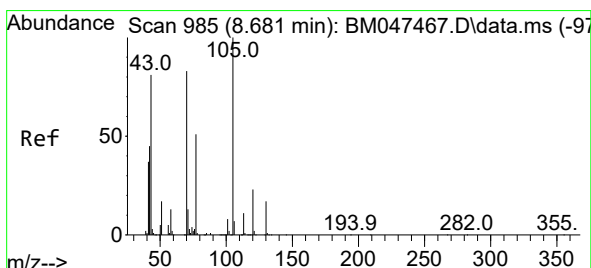
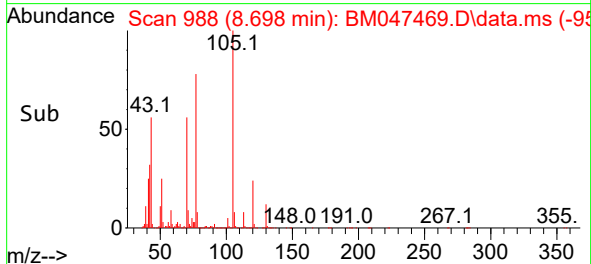
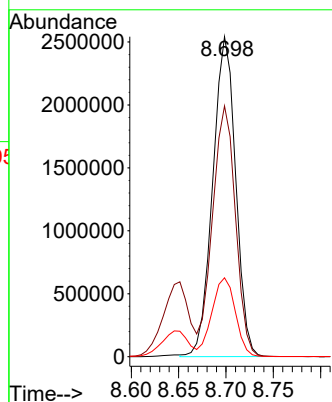
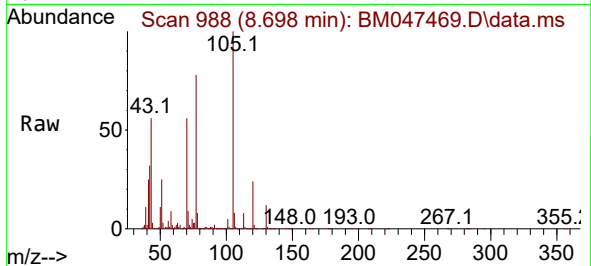




#16
 Acetophenone
 Concen: 102.314 ng/ul
 RT: 8.698 min Scan# 988
 Delta R.T. 0.006 min
 Lab File: BM047469.D
 Acq: 10 Sep 2024 20:02

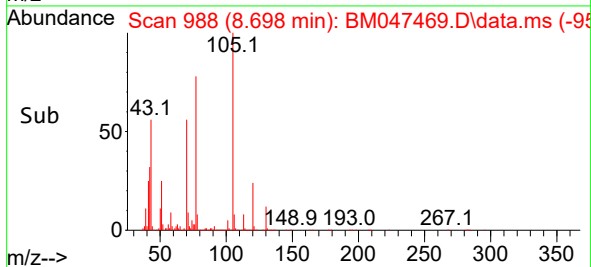
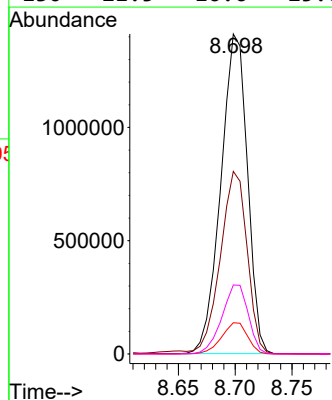
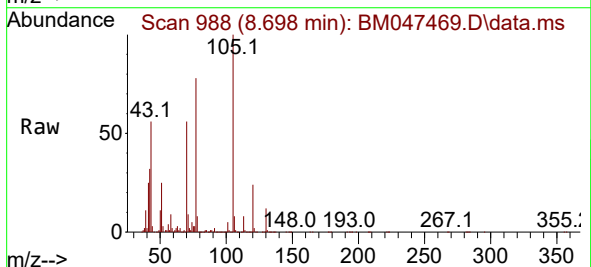
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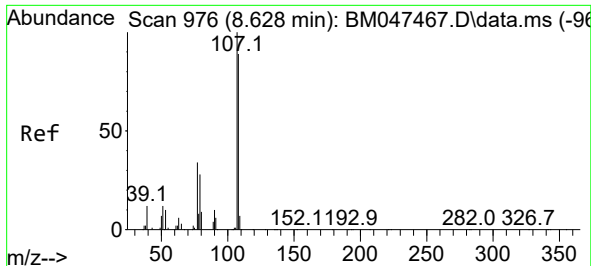
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 Ion Ratio Lower Upper
 105 100
 77 78.4 63.0 94.4
 51 24.6 20.3 30.5



#17
 N-Nitroso-di-n-propylamine
 Concen: 104.054 ng/ul
 RT: 8.698 min Scan# 988
 Delta R.T. 0.018 min
 Lab File: BM047469.D
 Acq: 10 Sep 2024 20:02

Tgt Ion: 70 Resp: 2296773
 Ion Ratio Lower Upper
 70 100
 42 57.1 44.5 66.7
 101 9.8 7.3 10.9
 130 21.5 16.6 25.0





#18

4-Methylphenol

Concen: 104.711 ng/ul

RT: 8.651 min Scan# 91

Delta R.T. 0.023 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

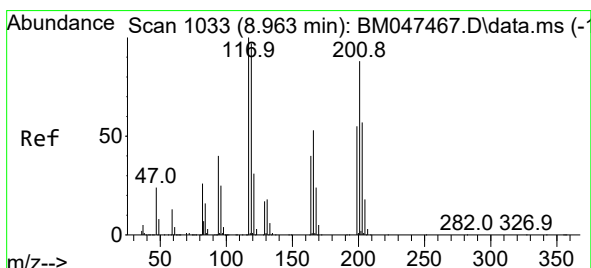
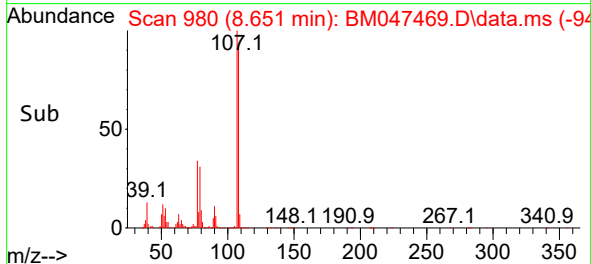
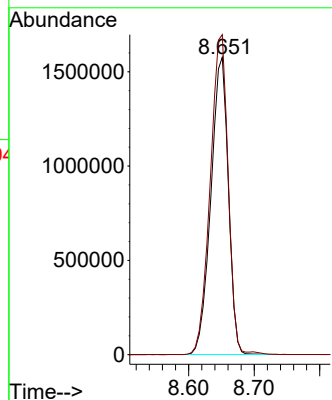
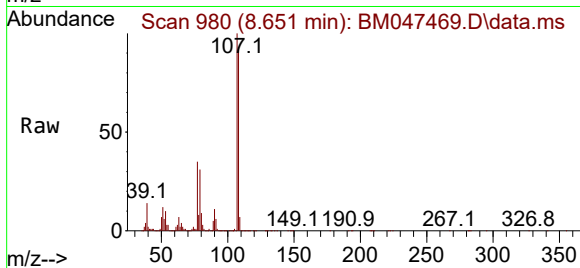
SSTD080017

Tgt Ion:108 Resp: 2913644

Ion Ratio Lower Upper

108 100

107 107.6 90.2 135.4



#19

Hexachloroethane

Concen: 81.632 ng/ul

RT: 8.963 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

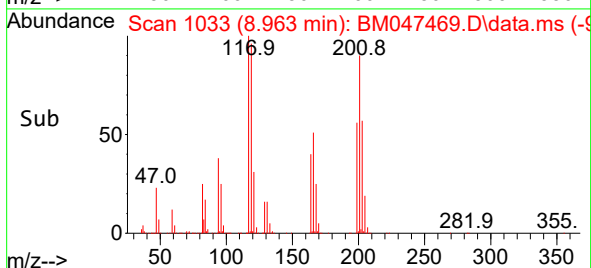
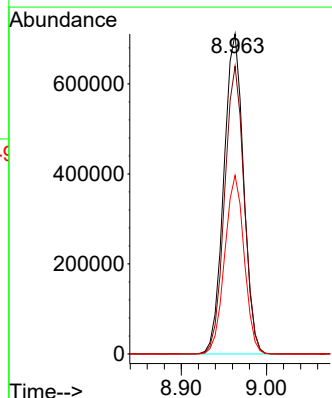
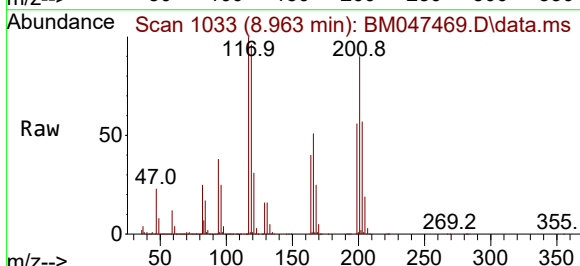
Tgt Ion:117 Resp: 1145583

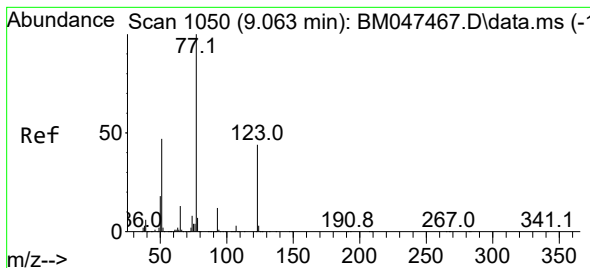
Ion Ratio Lower Upper

117 100

201 90.0 70.7 106.1

199 55.8 44.2 66.4

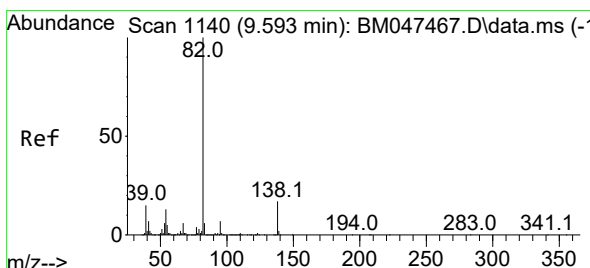
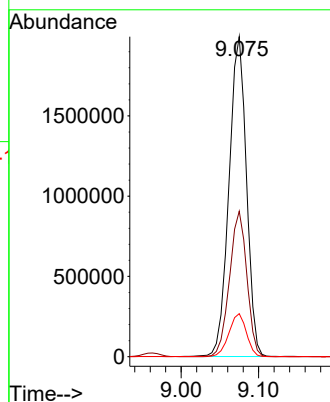
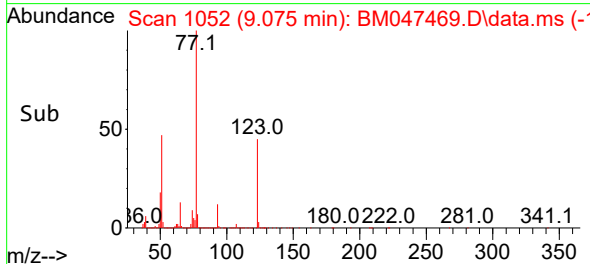
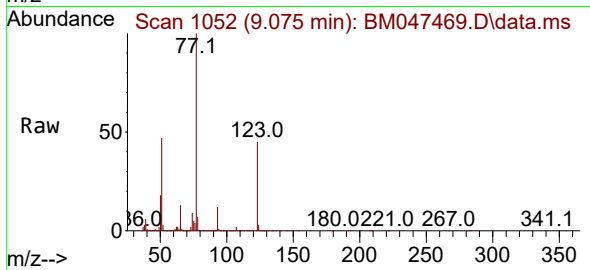




#22
Nitrobenzene
Concen: 76.119 ng/ul
RT: 9.075 min Scan# 1052
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

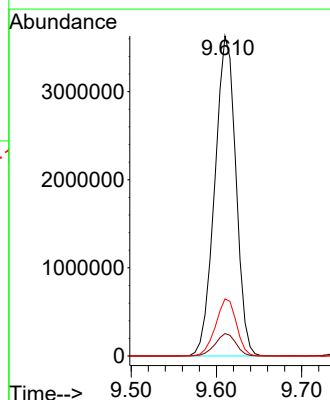
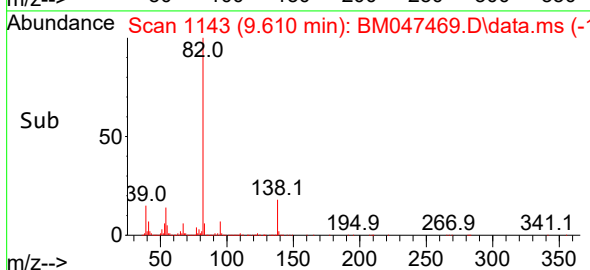
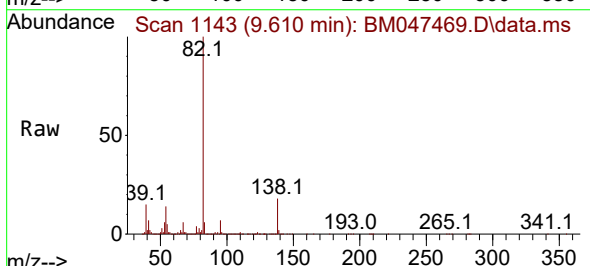
Instrument :
BNA_M
ClientSampleId :
SSTD080017

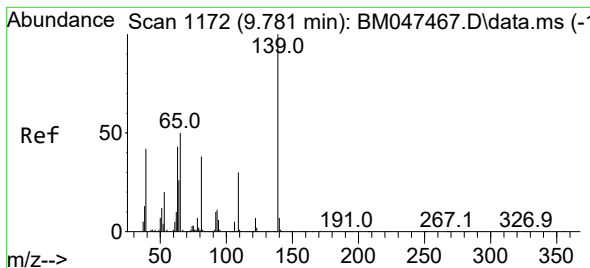
Tgt Ion: 77 Resp: 3124984
Ion Ratio Lower Upper
77 100
123 45.5 34.8 52.2
65 13.4 10.7 16.1



#23
Isophorone
Concen: 89.026 ng/ul
RT: 9.610 min Scan# 1143
Delta R.T. 0.018 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion: 82 Resp: 6253777
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 17.8 13.7 20.5

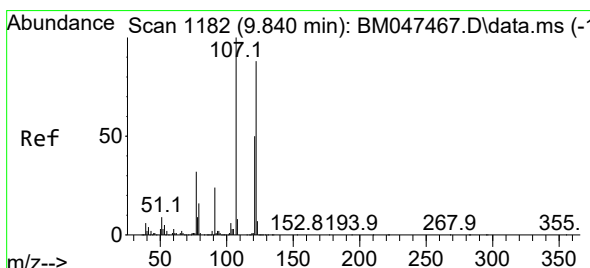
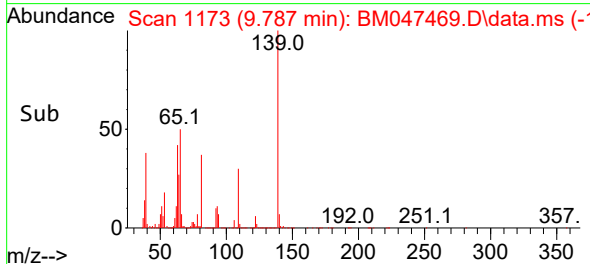
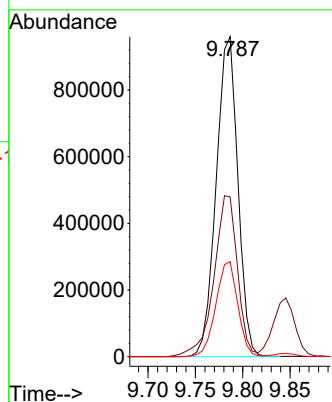
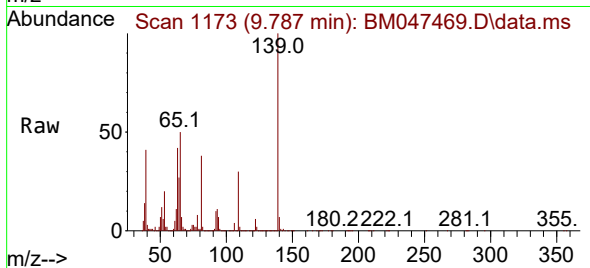




#25
2-Nitrophenol
Concen: 83.288 ng/ul
RT: 9.787 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

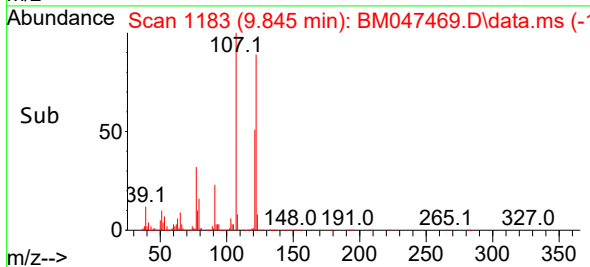
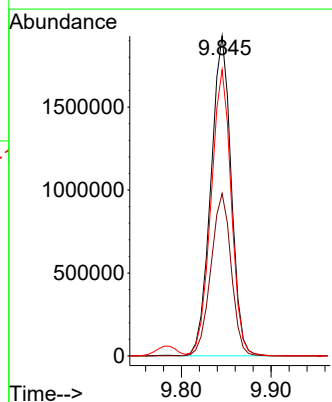
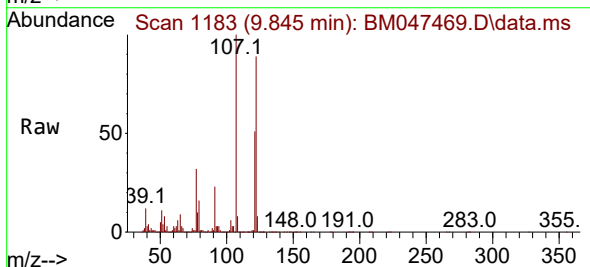
Instrument :
BNA_M
ClientSampleId :
SSTD080017

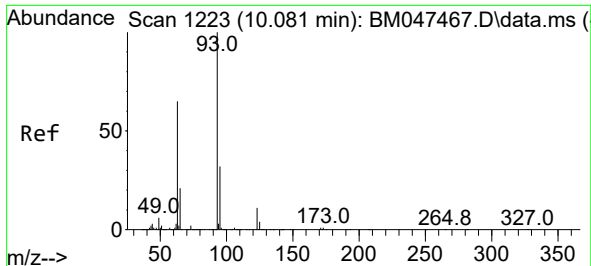
Tgt Ion:139 Resp: 1528913
Ion Ratio Lower Upper
139 100
65 49.9 40.6 60.8
109 29.7 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 83.674 ng/ul
RT: 9.845 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:107 Resp: 3027625
Ion Ratio Lower Upper
107 100
121 50.8 40.1 60.1
122 89.4 71.2 106.8

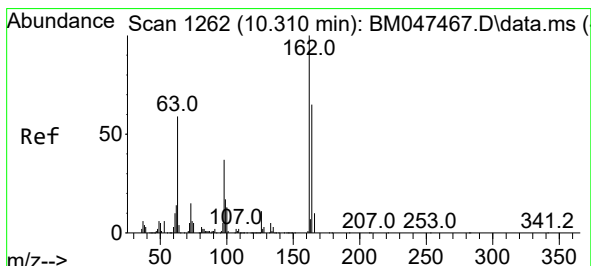
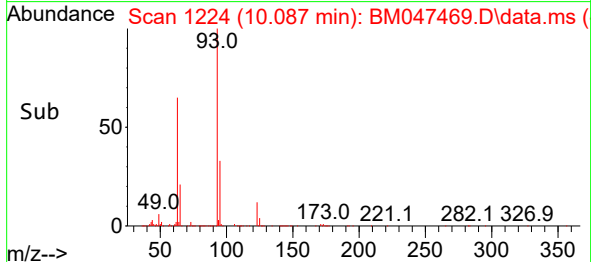
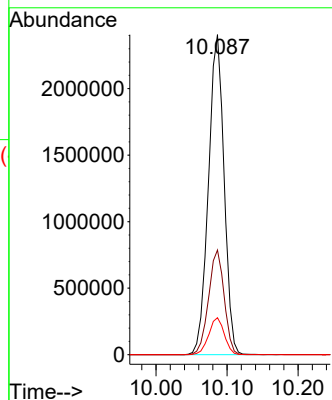
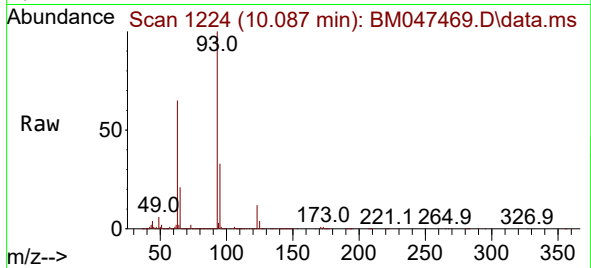




#27
 Bis(2-Chloroethoxy)methane
 Concen: 85.066 ng/ul
 RT: 10.087 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: BM047469.D
 Acq: 10 Sep 2024 20:02

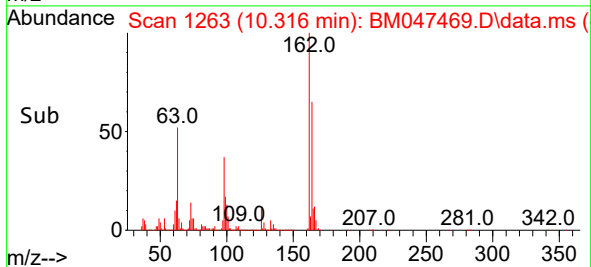
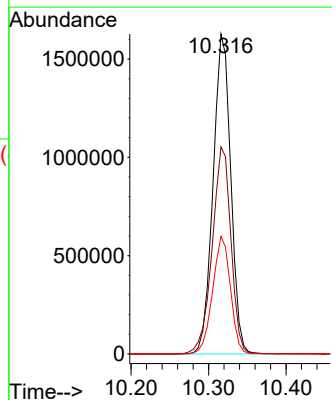
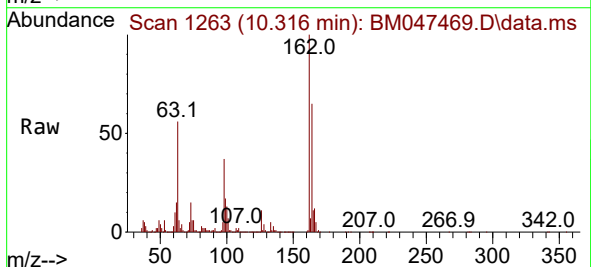
Instrument :
 BNA_M
 ClientSampleId :
 SSTD080017

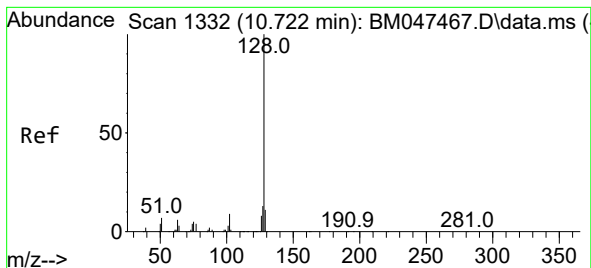
Tgt Ion: 93 Resp: 3683709
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.9 38.9
 123 11.6 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 80.569 ng/ul
 RT: 10.316 min Scan# 1263
 Delta R.T. 0.006 min
 Lab File: BM047469.D
 Acq: 10 Sep 2024 20:02

Tgt Ion:162 Resp: 2588940
 Ion Ratio Lower Upper
 162 100
 164 64.7 51.8 77.8
 98 36.7 29.7 44.5

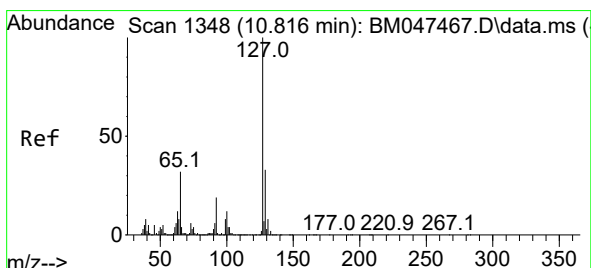
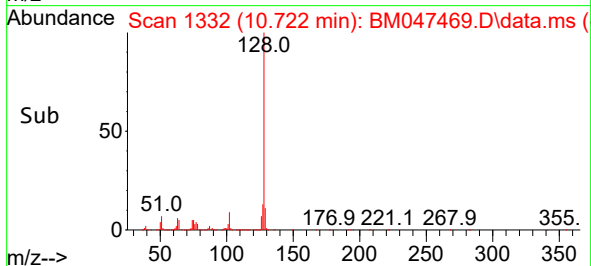
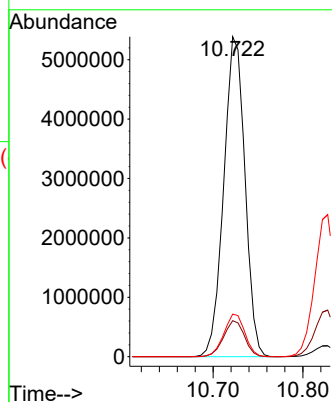
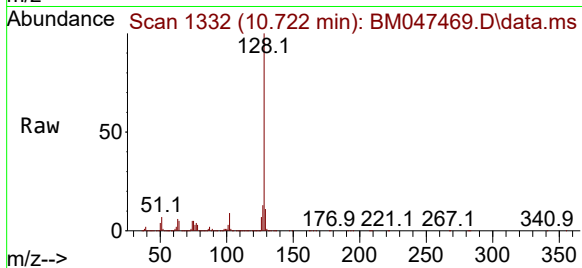




#30
Naphthalene
Concen: 87.190 ng/ul
RT: 10.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

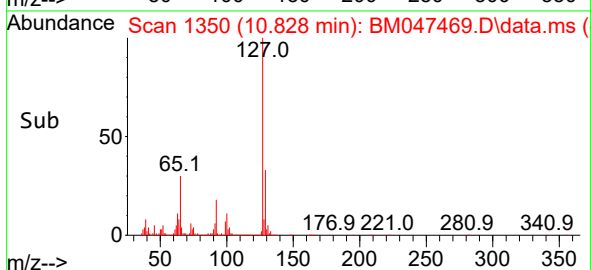
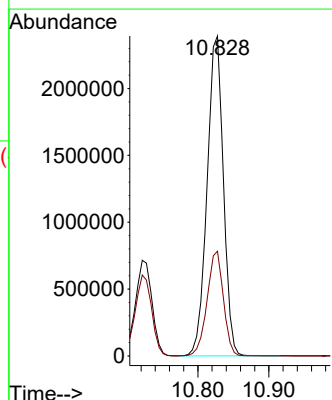
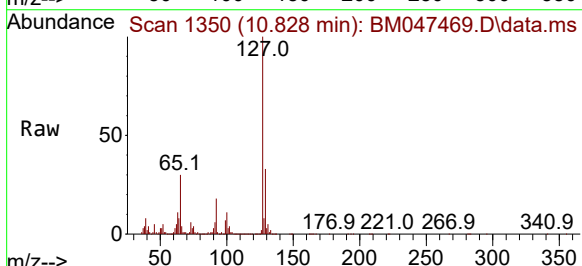
Instrument :
BNA_M
ClientSampleId :
SSTD080017

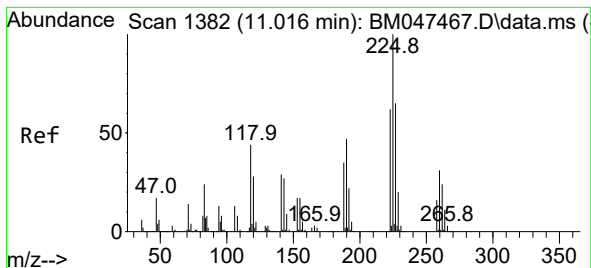
Tgt Ion:128 Resp: 8840055
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.1 15.1



#32
4-Chloroaniline
Concen: 92.894 ng/ul
RT: 10.828 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:127 Resp: 3819742
Ion Ratio Lower Upper
127 100
129 32.8 26.2 39.2





#33

Hexachlorobutadiene

Concen: 62.573 ng/ul

RT: 11.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

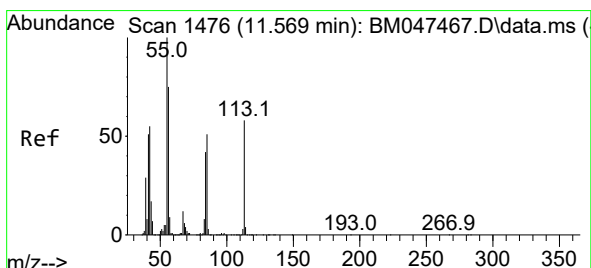
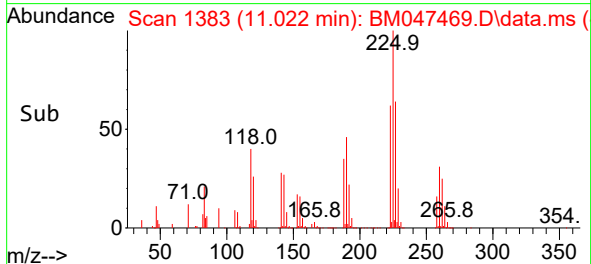
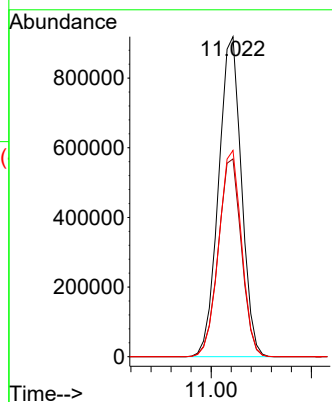
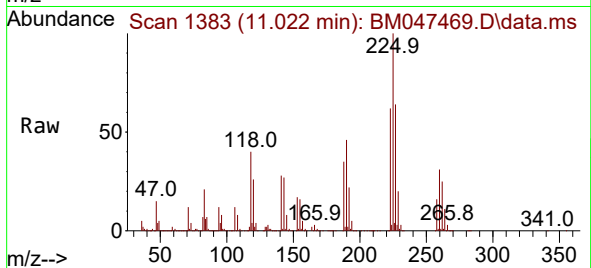
Tgt Ion:225 Resp: 1450611

Ion Ratio Lower Upper

225 100

223 61.8 50.1 75.1

227 64.5 51.8 77.8



#34

Caprolactam

Concen: 48.002 ng/ul

RT: 11.610 min Scan# 1483

Delta R.T. 0.041 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

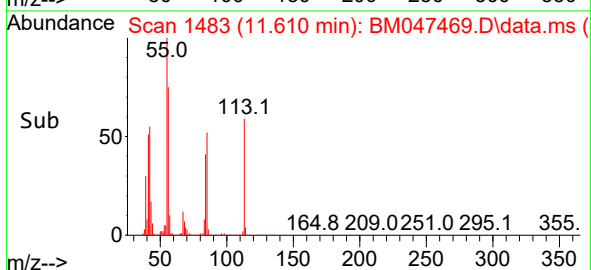
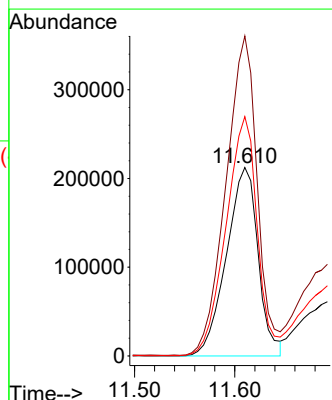
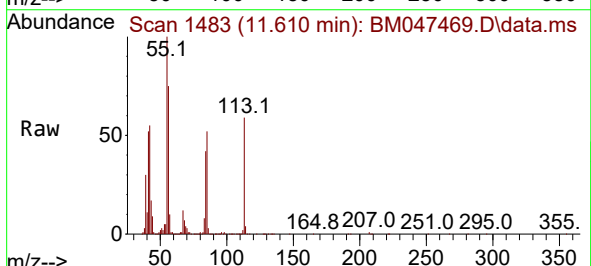
Tgt Ion:113 Resp: 467095

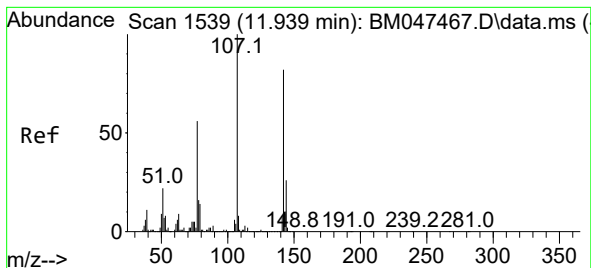
Ion Ratio Lower Upper

113 100

55 169.8 138.0 207.0

56 127.0 103.4 155.0

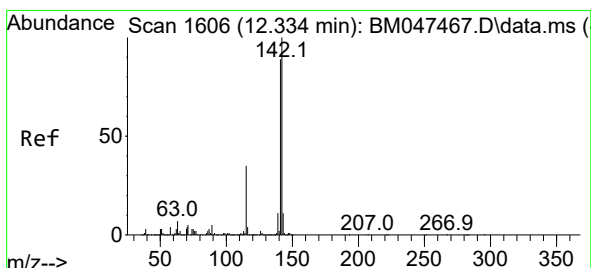
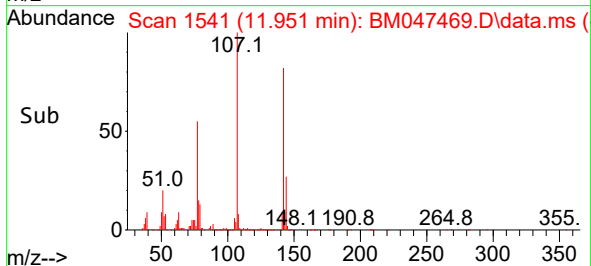
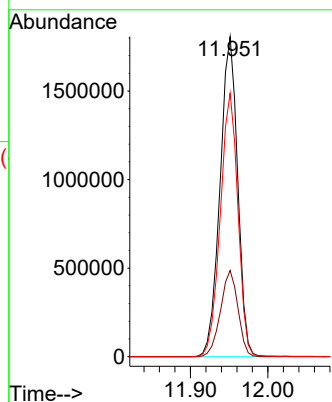
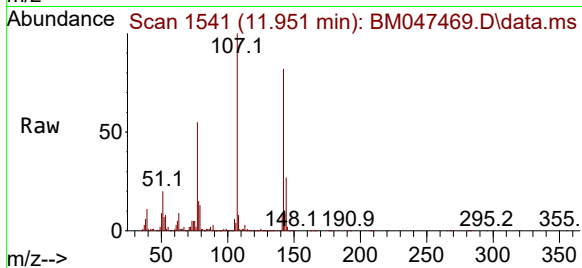




#35
4-Chloro-3-methylphenol
Concen: 86.183 ng/ul
RT: 11.951 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

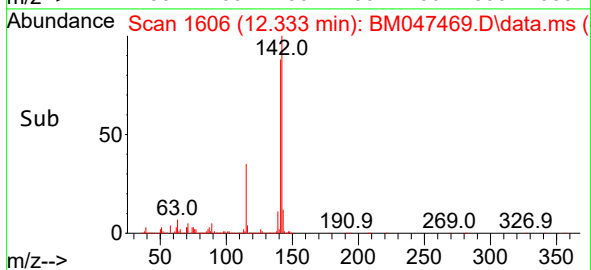
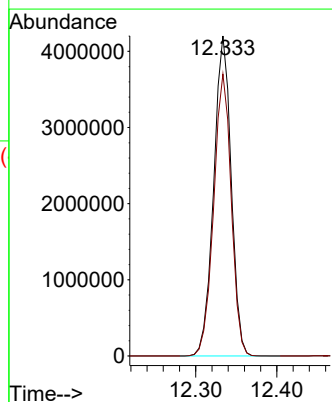
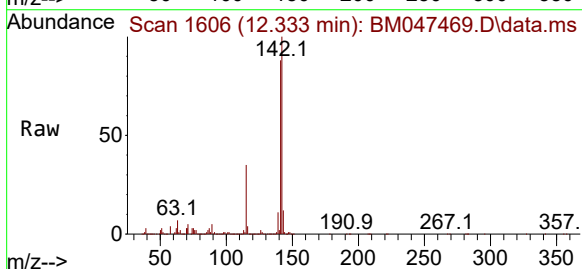
Instrument :
BNA_M
ClientSampleId :
SSTD080017

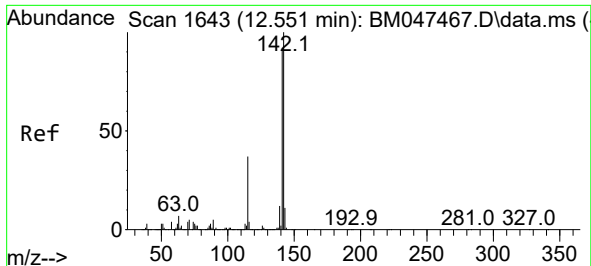
Tgt Ion:107 Resp: 2855604
Ion Ratio Lower Upper
107 100
144 27.0 21.2 31.8
142 82.3 65.5 98.3



#36
2-Methylnaphthalene
Concen: 88.819 ng/ul
RT: 12.333 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:142 Resp: 6287932
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9

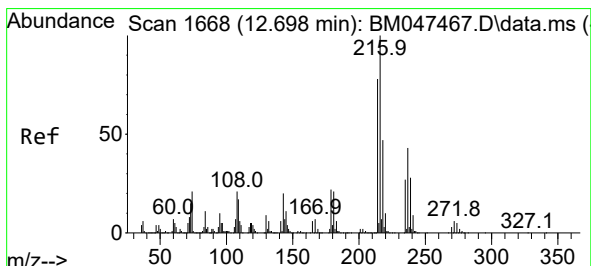
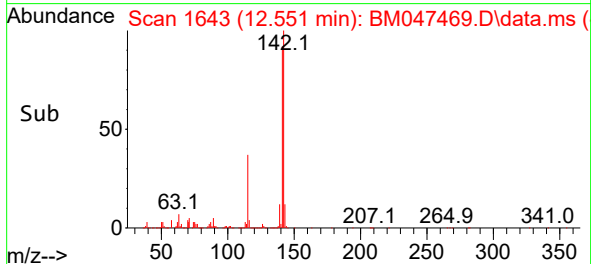
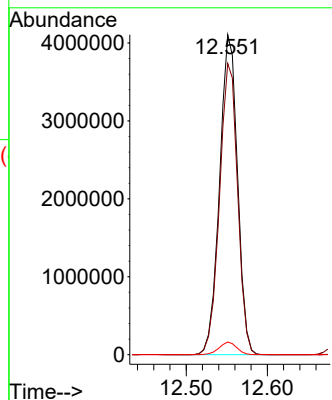
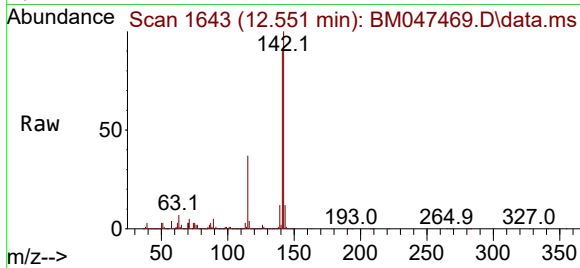




#37
1-Methylnaphthalene
Concen: 88.045 ng/ul
RT: 12.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

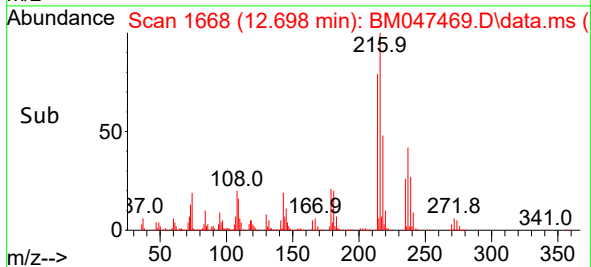
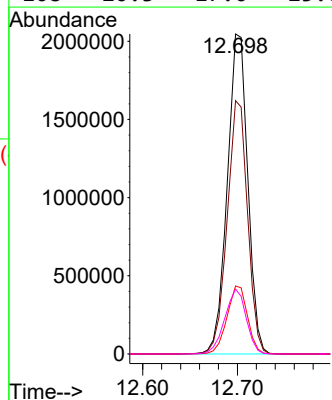
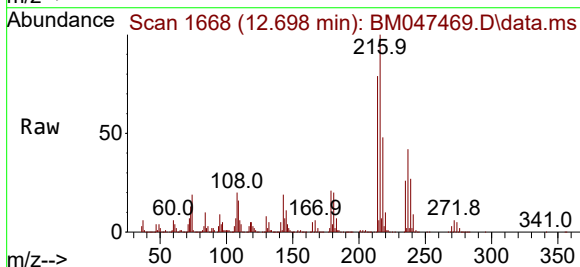
Instrument :
BNA_M
ClientSampleId :
SSTD080017

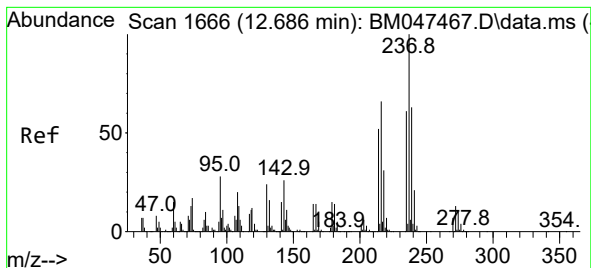
Tgt Ion:142 Resp: 6309871
Ion Ratio Lower Upper
142 100
141 91.0 72.9 109.3
116 4.0 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 86.132 ng/ul
RT: 12.698 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:216 Resp: 3077999
Ion Ratio Lower Upper
216 100
214 79.1 62.2 93.4
179 21.2 17.2 25.8
108 20.3 17.0 25.6





#40

Hexachlorocyclopentadiene

Concen: 81.245 ng/ul

RT: 12.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

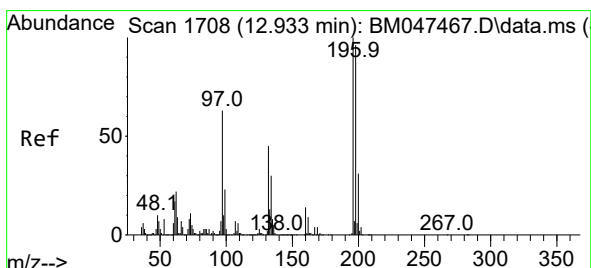
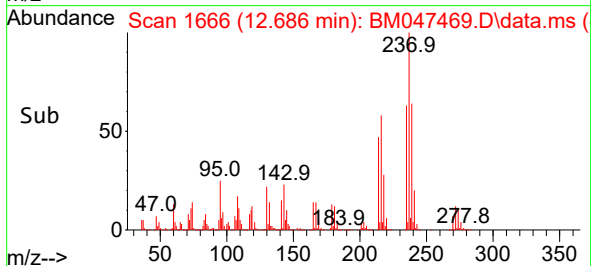
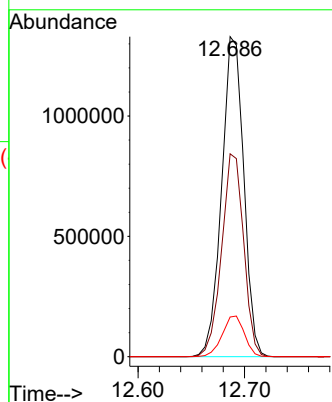
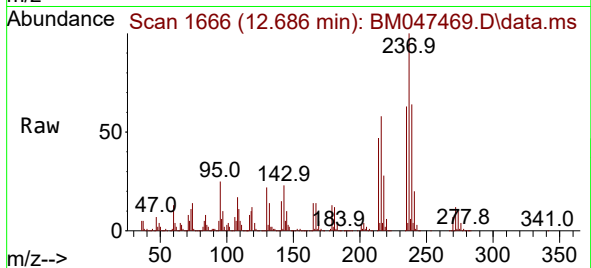
Tgt Ion:237 Resp: 1912532

Ion Ratio Lower Upper

237 100

235 63.4 48.9 73.3

272 12.4 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 82.845 ng/ul

RT: 12.933 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

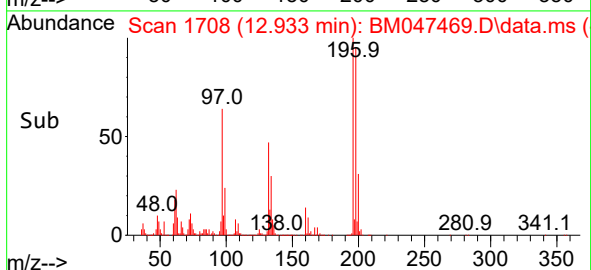
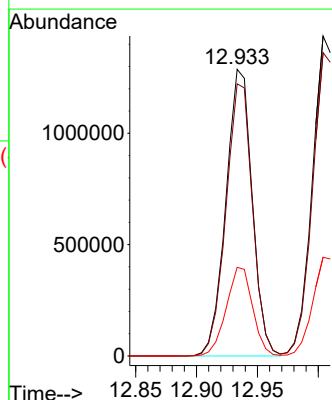
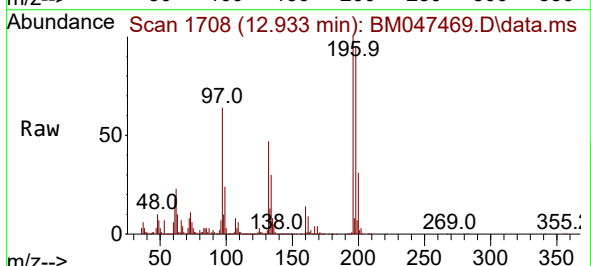
Tgt Ion:196 Resp: 1937783

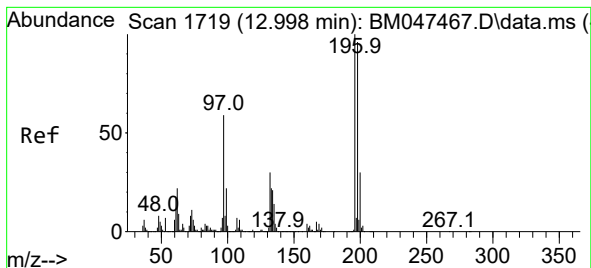
Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.6

200 30.9 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 83.108 ng/ul

RT: 13.004 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

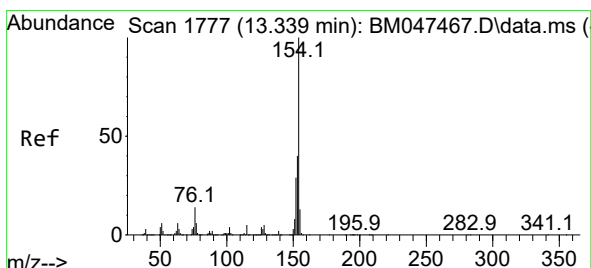
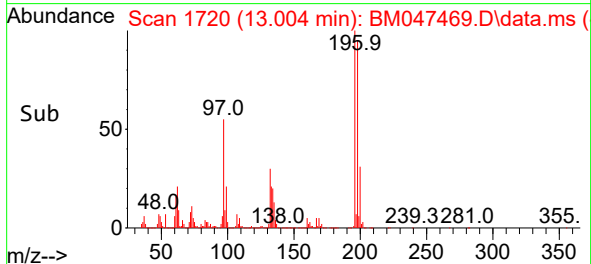
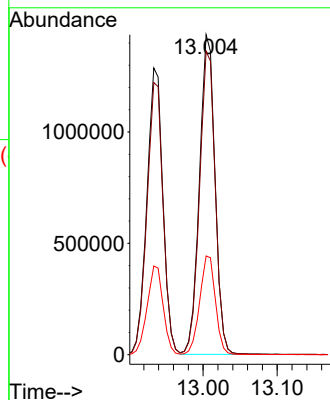
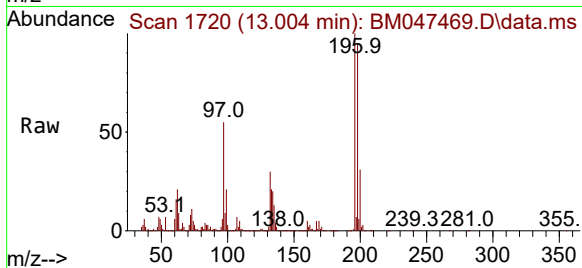
Tgt Ion:196 Resp: 2098854

Ion Ratio Lower Upper

196 100

198 94.8 76.8 115.2

200 30.8 24.2 36.4



#43

1,1'-Biphenyl

Concen: 90.725 ng/ul

RT: 13.345 min Scan# 1778

Delta R.T. 0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

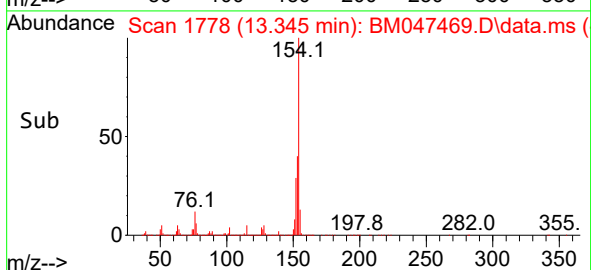
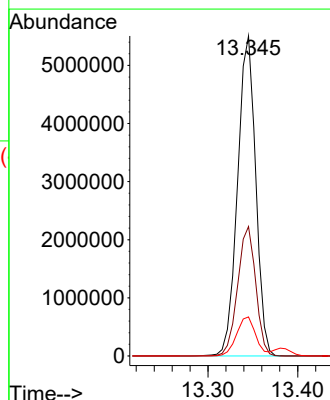
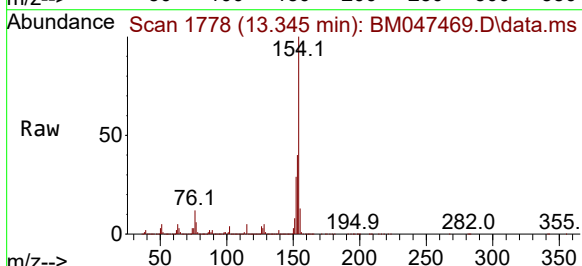
Tgt Ion:154 Resp: 7733940

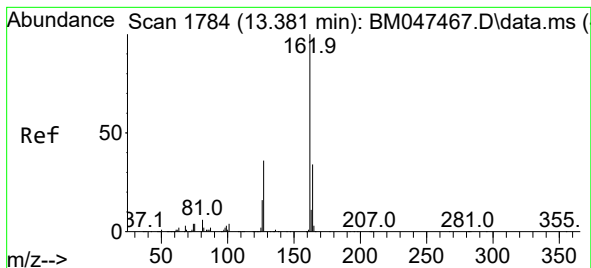
Ion Ratio Lower Upper

154 100

153 40.5 32.3 48.5

76 12.2 11.0 16.4





#44

2-Chloronaphthalene

Concen: 86.437 ng/ul

RT: 13.380 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

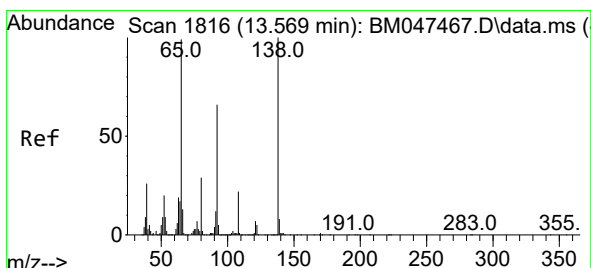
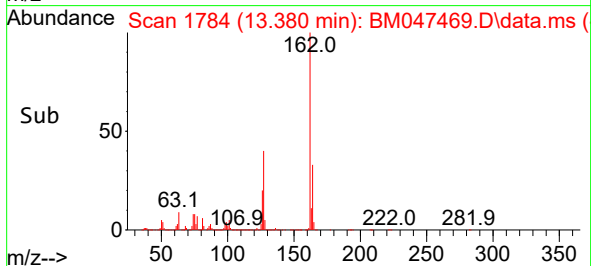
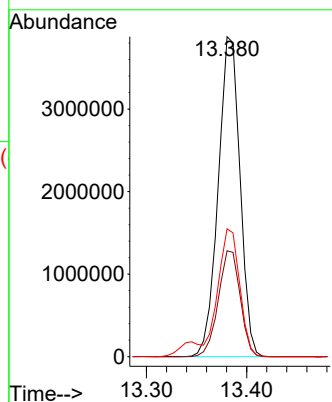
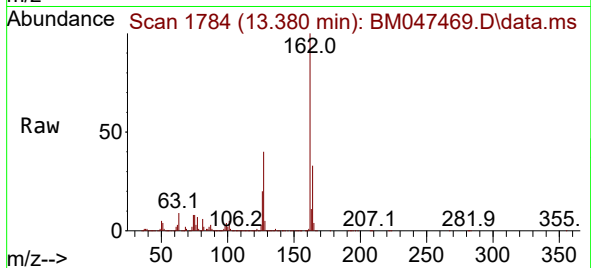
Tgt Ion:162 Resp: 5851458

Ion Ratio Lower Upper

162 100

164 33.1 26.9 40.3

127 40.0 32.2 48.2



#45

2-Nitroaniline

Concen: 88.804 ng/ul

RT: 13.575 min Scan# 1817

Delta R.T. 0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

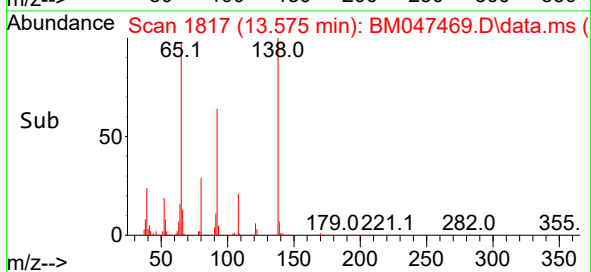
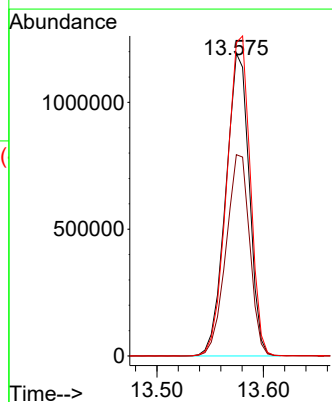
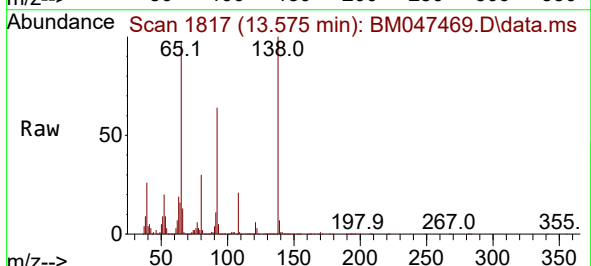
Tgt Ion: 65 Resp: 1826876

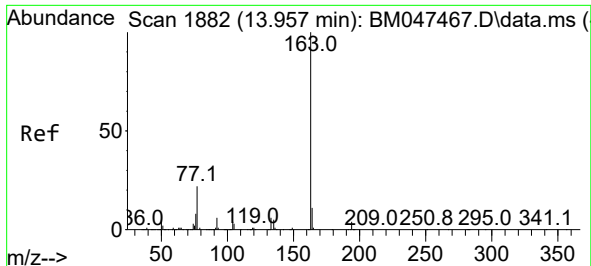
Ion Ratio Lower Upper

65 100

92 66.5 53.4 80.0

138 103.6 81.1 121.7

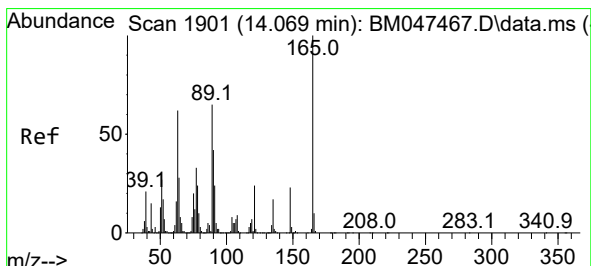
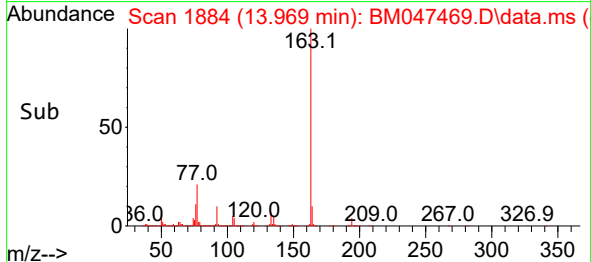
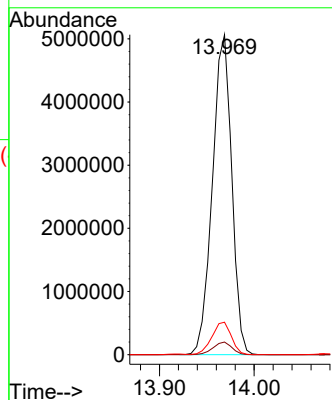
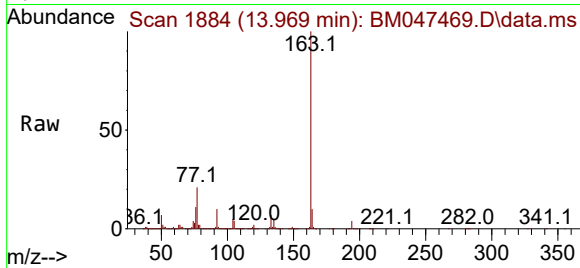




#47
Dimethylphthalate
Concen: 81.983 ng/ul
RT: 13.969 min Scan# 1884
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

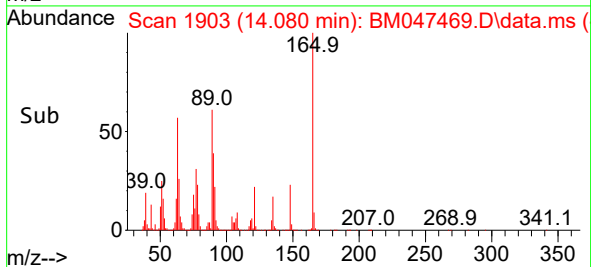
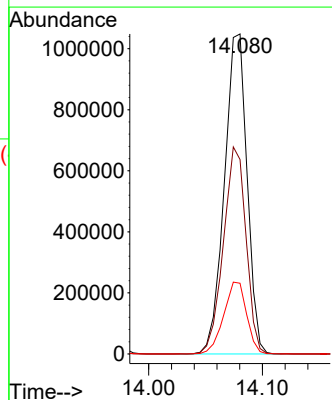
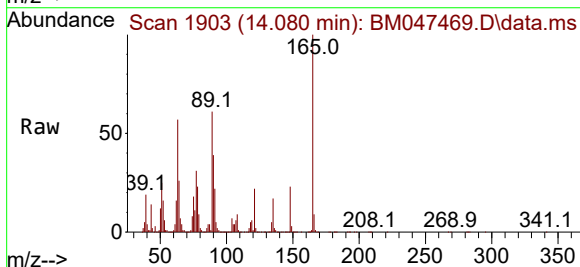
Instrument :
BNA_M
ClientSampleId :
SSTD080017

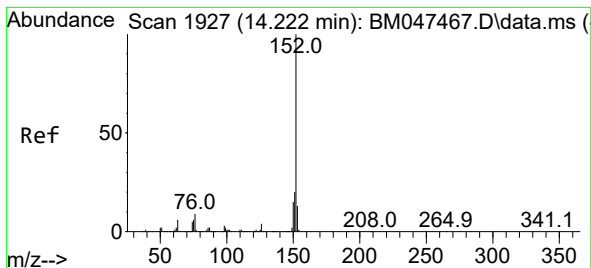
Tgt Ion:163 Resp: 7167311
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 85.638 ng/ul
RT: 14.080 min Scan# 1903
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:165 Resp: 1455423
Ion Ratio Lower Upper
165 100
89 60.8 52.2 78.2
121 22.1 19.2 28.8





#50

Acenaphthylene

Concen: 90.775 ng/ul

RT: 14.227 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

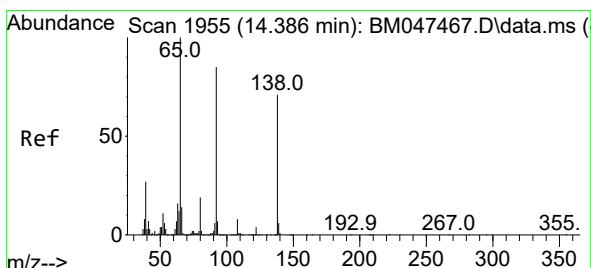
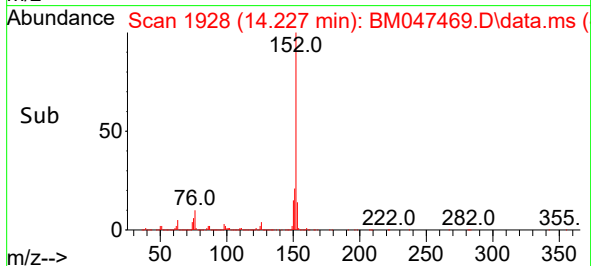
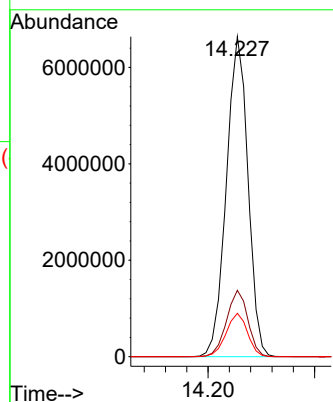
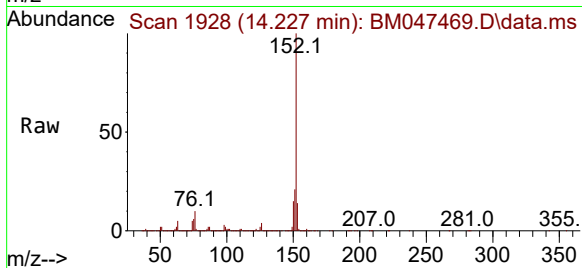
Tgt Ion:152 Resp: 9323370

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.6 10.6 15.8



#51

3-Nitroaniline

Concen: 83.927 ng/ul

RT: 14.398 min Scan# 1957

Delta R.T. 0.012 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

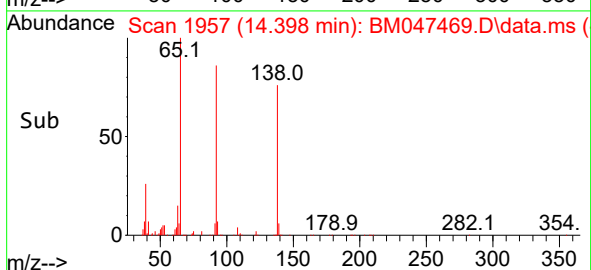
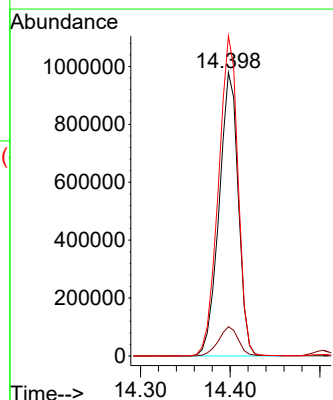
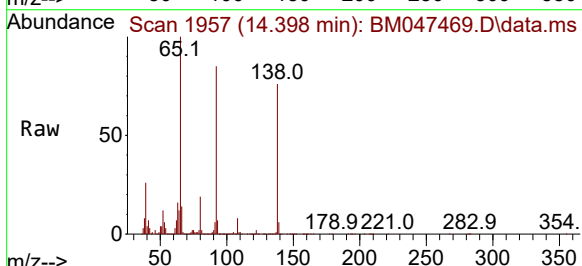
Tgt Ion:138 Resp: 1452617

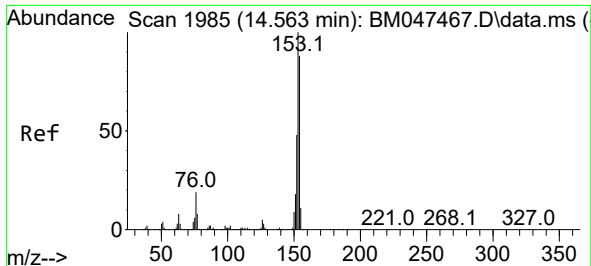
Ion Ratio Lower Upper

138 100

108 10.3 9.7 14.5

92 112.9 96.9 145.3

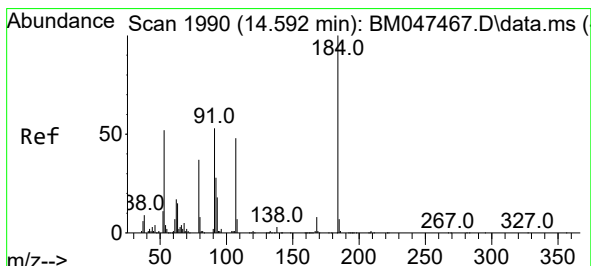
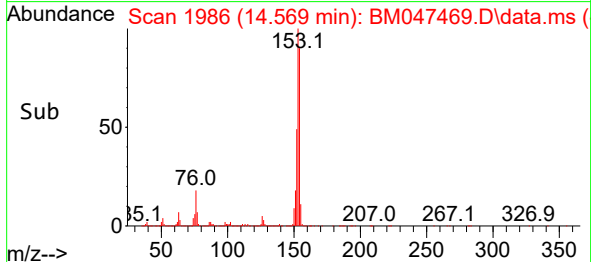
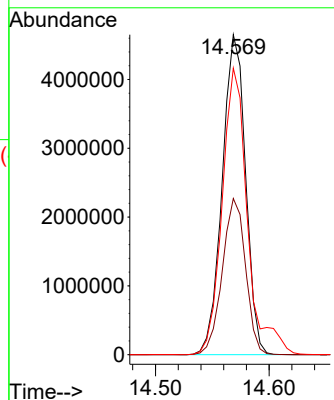
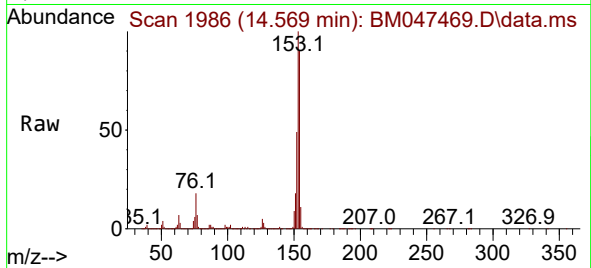




#52
Acenaphthene
Concen: 89.821 ng/ul
RT: 14.569 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

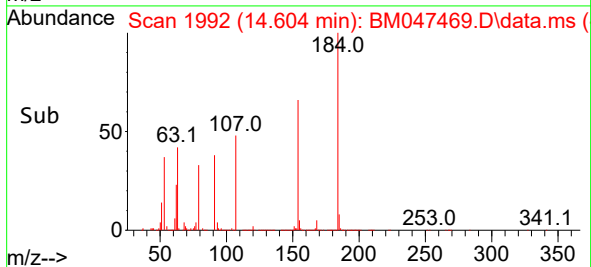
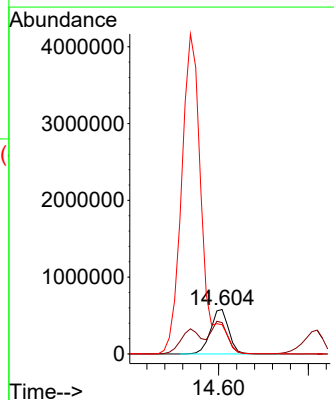
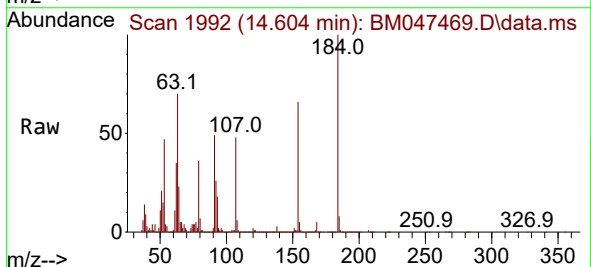
Instrument :
BNA_M
ClientSampleId :
SSTD080017

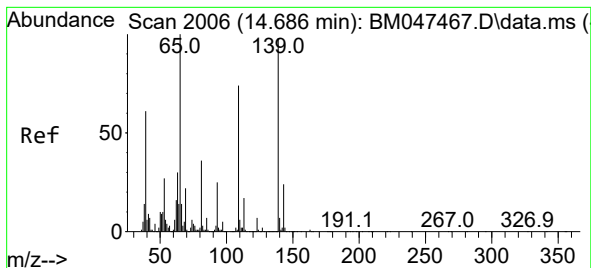
Tgt Ion:153 Resp: 6650855
Ion Ratio Lower Upper
153 100
152 48.8 38.3 57.5
154 89.6 70.2 105.2



#53
2,4-Dinitrophenol
Concen: 67.784 ng/ul
RT: 14.604 min Scan# 1992
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:184 Resp: 812838
Ion Ratio Lower Upper
184 100
63 70.4 62.1 93.1
154 65.9 67.0 100.6#

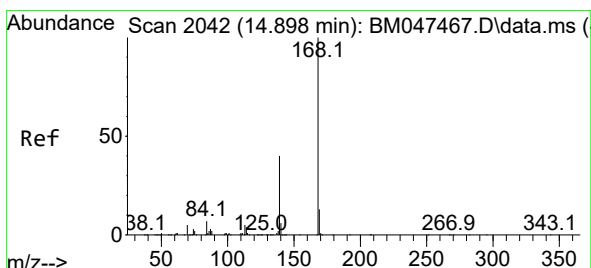
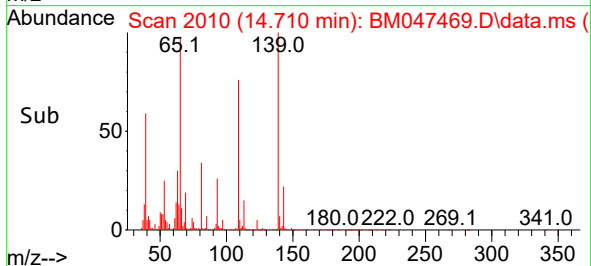
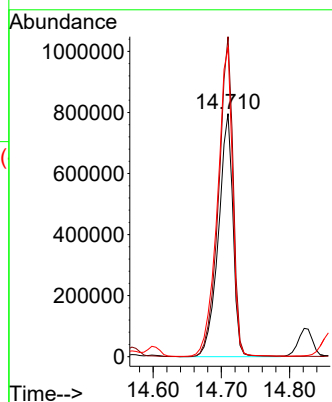
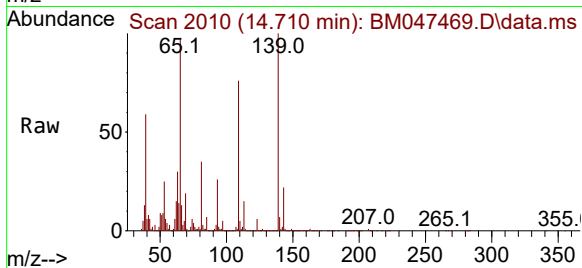




#55
4-Nitrophenol
Concen: 69.183 ng/ul
RT: 14.710 min Scan# 2010
Delta R.T. 0.023 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

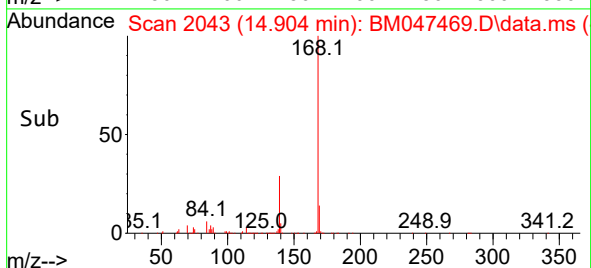
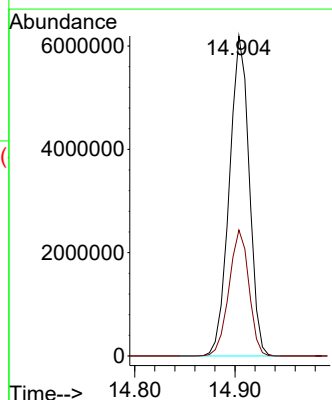
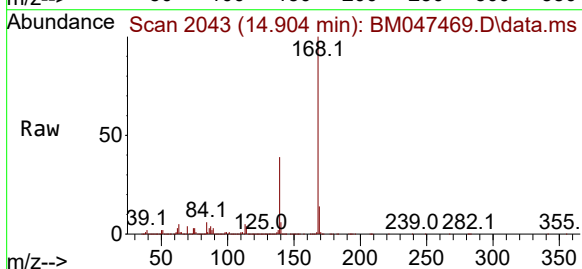
Instrument :
BNA_M
ClientSampleId :
SSTD080017

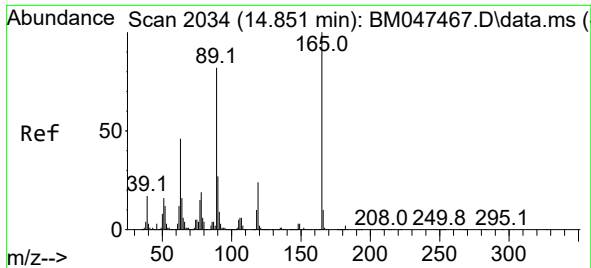
Tgt Ion:109 Resp: 1179521
Ion Ratio Lower Upper
109 100
139 131.7 105.7 158.5
65 127.4 108.5 162.7



#56
Dibenzofuran
Concen: 81.741 ng/ul
RT: 14.904 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:168 Resp: 8494592
Ion Ratio Lower Upper
168 100
139 39.4 32.2 48.4

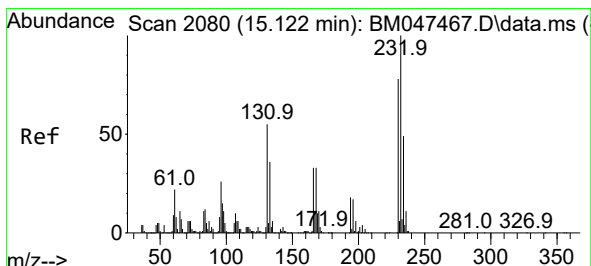
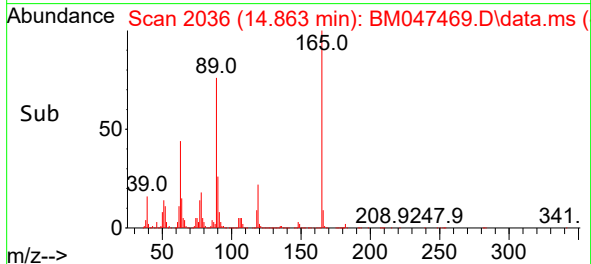
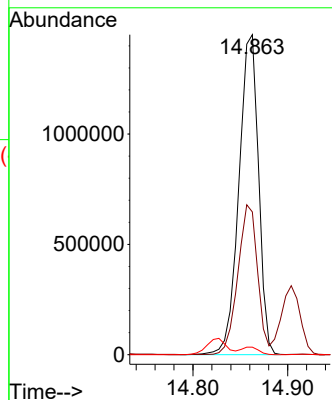
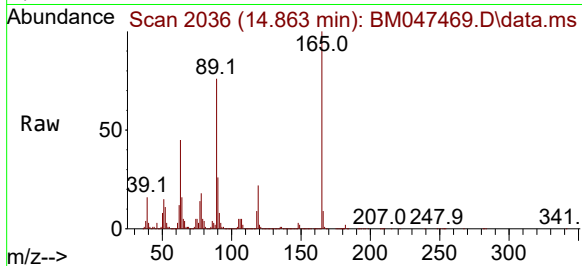




#57
2,4-Dinitrotoluene
Concen: 80.333 ng/ul
RT: 14.863 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

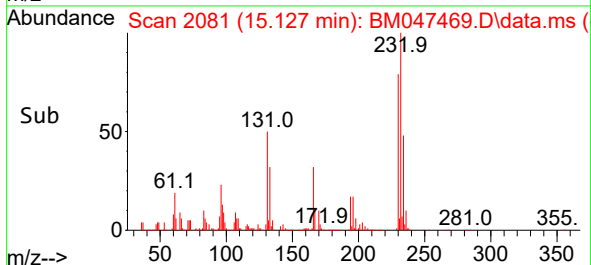
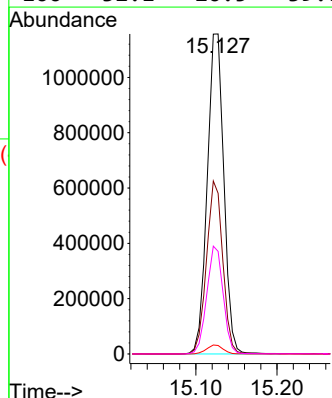
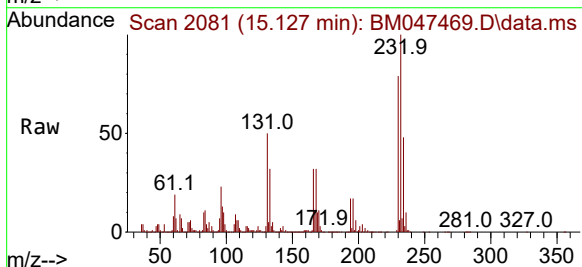
Instrument :
BNA_M
ClientSampleId :
SSTD080017

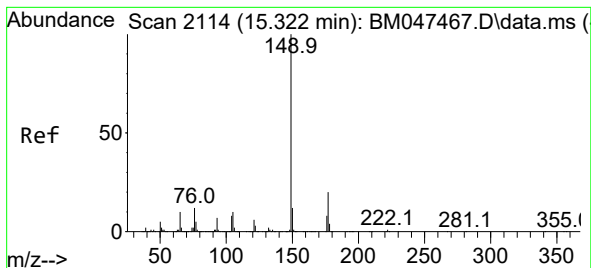
Tgt Ion:165 Resp: 2086365
Ion Ratio Lower Upper
165 100
63 44.6 37.3 55.9
182 2.4 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 73.082 ng/ul
RT: 15.127 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:232 Resp: 1640751
Ion Ratio Lower Upper
232 100
131 50.2 44.3 66.5
130 2.6 2.5 3.7
166 32.1 26.5 39.7





#59

Diethylphthalate

Concen: 80.309 ng/ul

RT: 15.333 min Scan# 2116

Delta R.T. 0.012 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

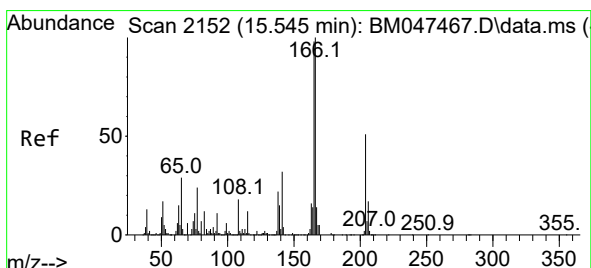
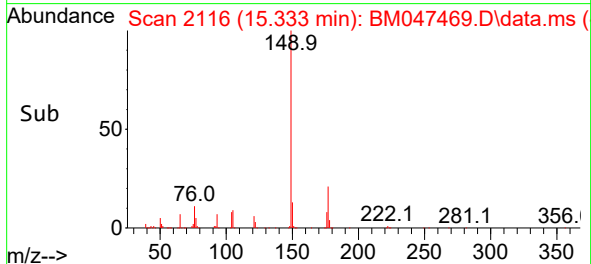
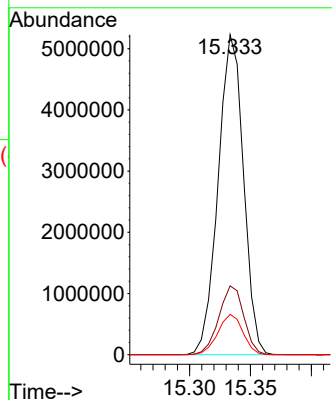
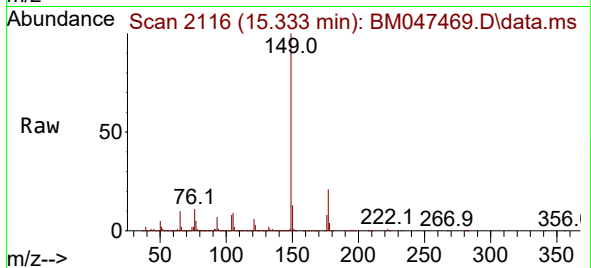
Tgt Ion:149 Resp: 7552779

Ion Ratio Lower Upper

149 100

177 21.5 15.8 23.6

150 12.6 9.8 14.6



#61

Fluorene

Concen: 86.506 ng/ul

RT: 15.551 min Scan# 2153

Delta R.T. 0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

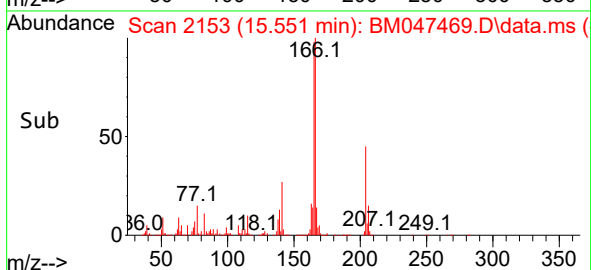
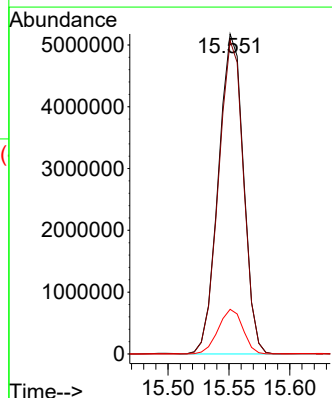
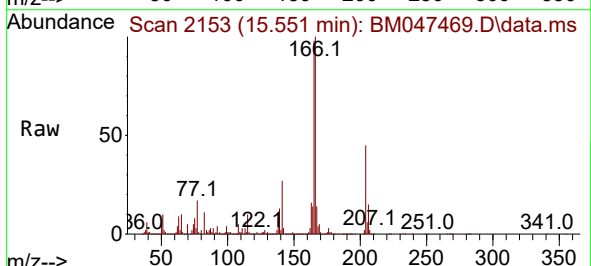
Tgt Ion:166 Resp: 7414805

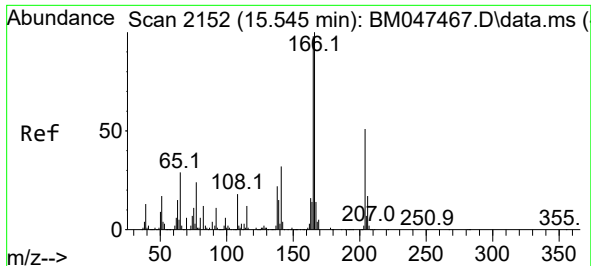
Ion Ratio Lower Upper

166 100

165 97.9 78.5 117.7

167 14.0 11.0 16.6

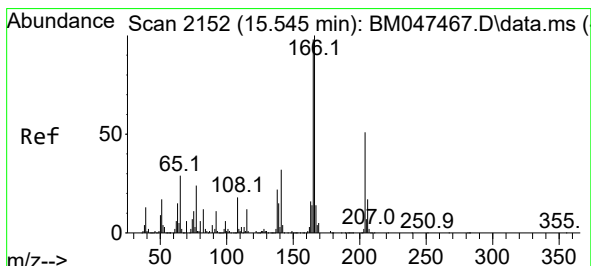
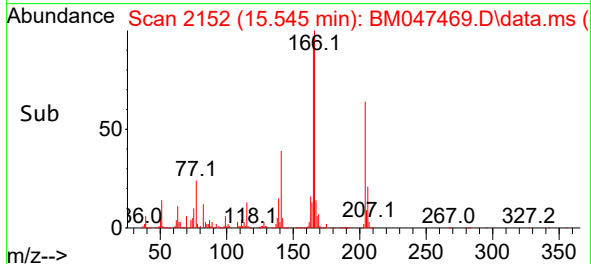
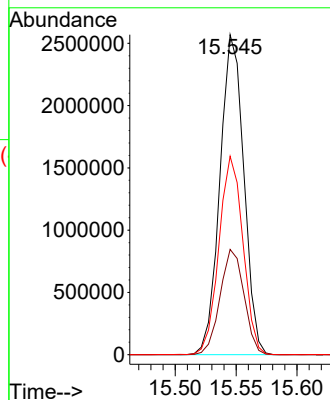
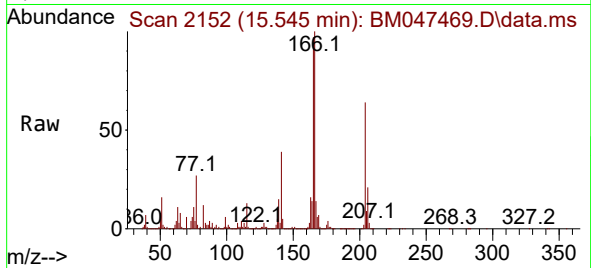




#62
4-Chlorophenyl-phenylether
Concen: 83.170 ng/ul
RT: 15.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

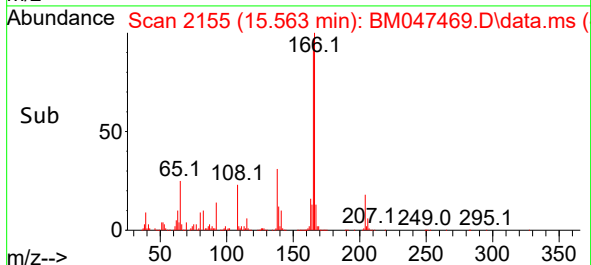
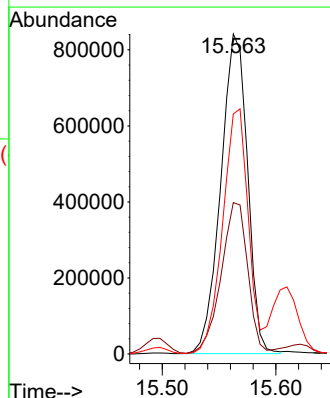
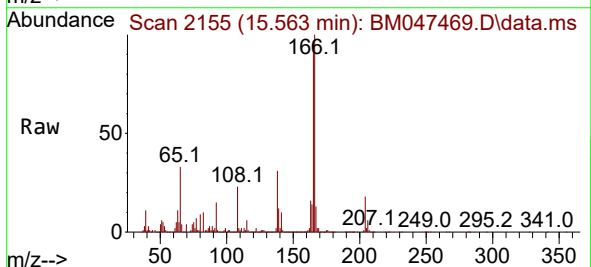
Instrument :
BNA_M
ClientSampleId :
SSTD080017

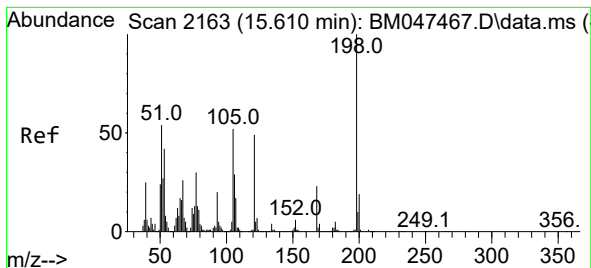
Tgt Ion:204 Resp: 3509456
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 62.0 50.0 75.0



#63
4-Nitroaniline
Concen: 80.621 ng/ul
RT: 15.563 min Scan# 2155
Delta R.T. 0.018 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:138 Resp: 1378969
Ion Ratio Lower Upper
138 100
92 47.3 40.5 60.7
108 75.0 64.5 96.7

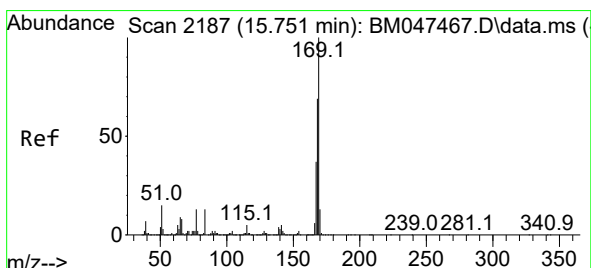
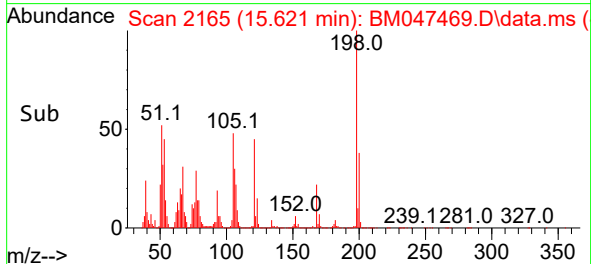
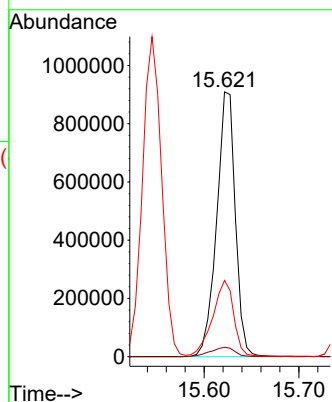
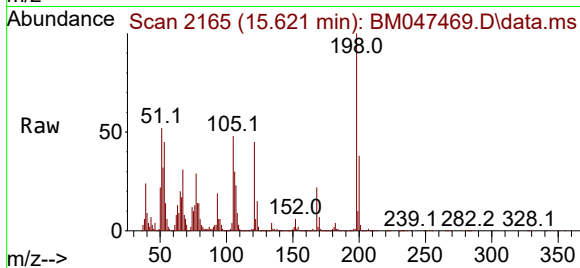




#66
4,6-Dinitro-2-methylphenol
Concen: 78.967 ng/ul
RT: 15.621 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

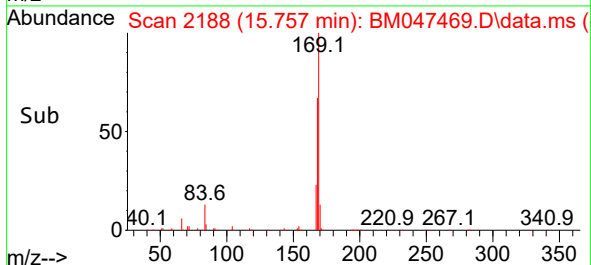
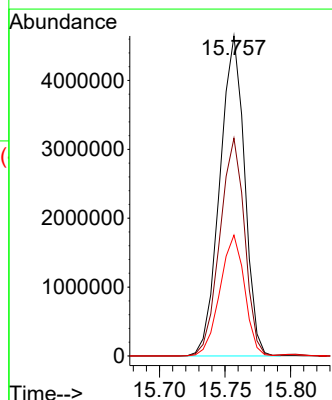
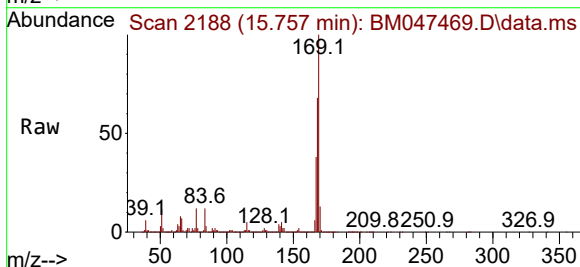
Instrument :
BNA_M
ClientSampleId :
SSTD080017

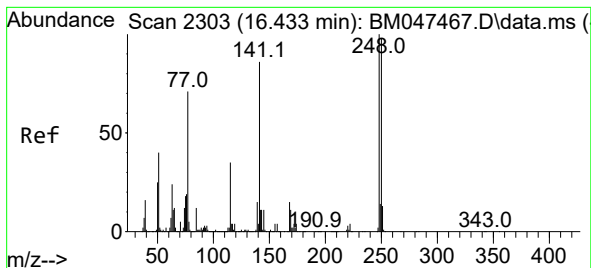
Tgt Ion:198 Resp: 1247146
Ion Ratio Lower Upper
198 100
182 3.6 4.2 6.2#
77 28.8 25.1 37.7



#67
N-Nitrosodiphenylamine
Concen: 89.874 ng/ul
RT: 15.757 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:169 Resp: 6085718
Ion Ratio Lower Upper
169 100
168 68.1 55.3 82.9
167 37.8 29.5 44.3

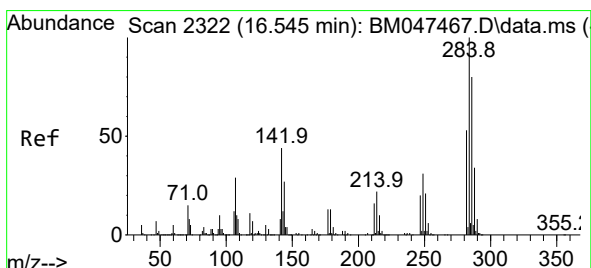
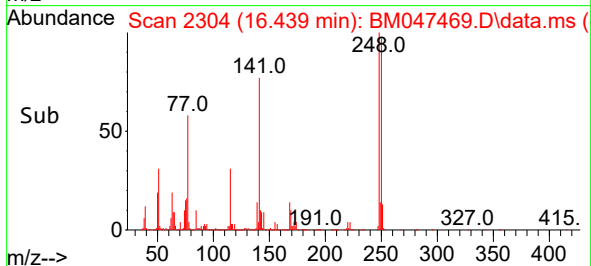
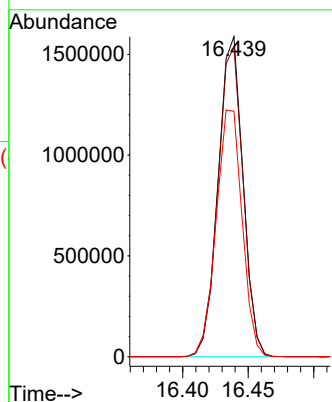
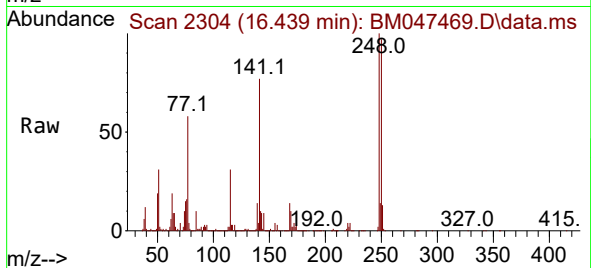




#68
4-Bromophenyl-phenylether
Concen: 84.853 ng/ul
RT: 16.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

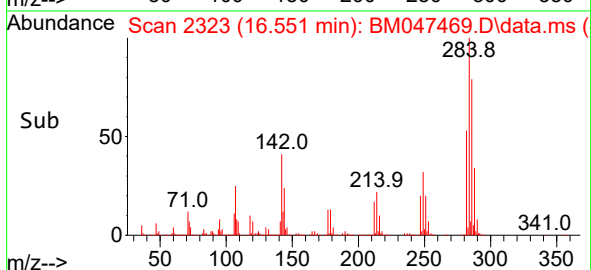
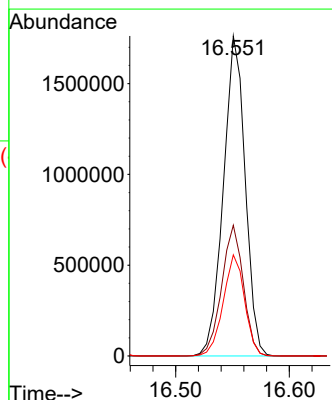
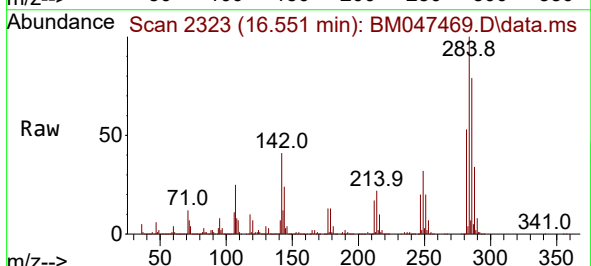
Instrument :
BNA_M
ClientSampleId :
SSTD080017

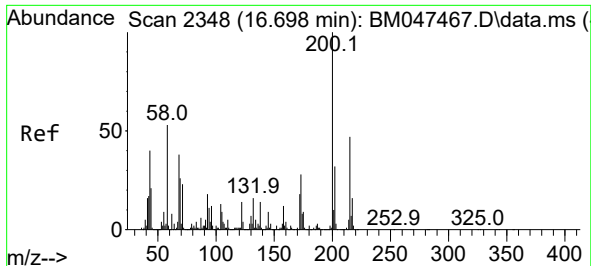
Tgt Ion:248 Resp: 2098161
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 76.7 69.1 103.7



#69
Hexachlorobenzene
Concen: 80.655 ng/ul
RT: 16.551 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:284 Resp: 2348373
Ion Ratio Lower Upper
284 100
142 40.9 35.4 53.2
249 31.6 25.1 37.7

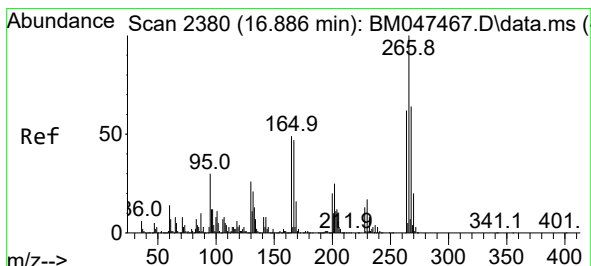
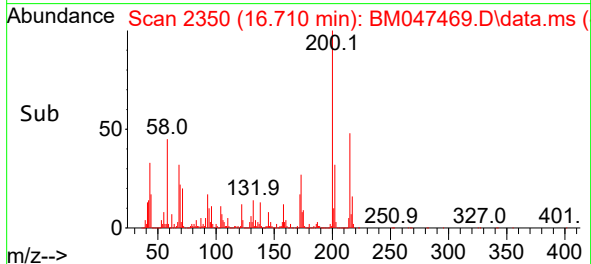
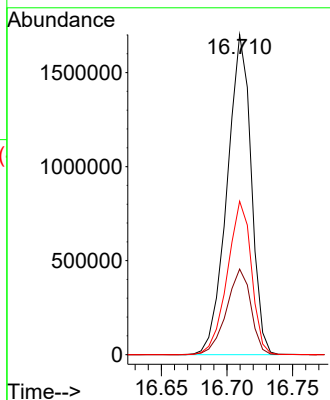
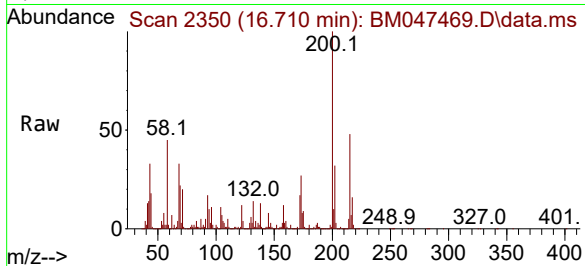




#70
Atrazine
Concen: 81.935 ng/ul
RT: 16.710 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

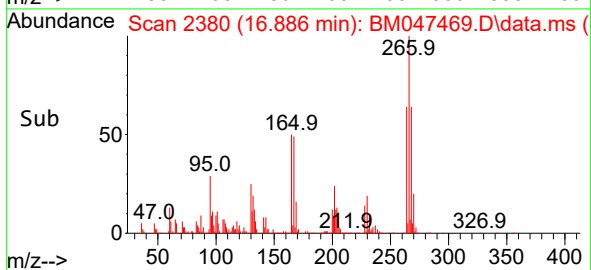
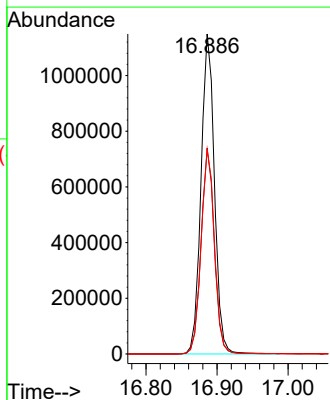
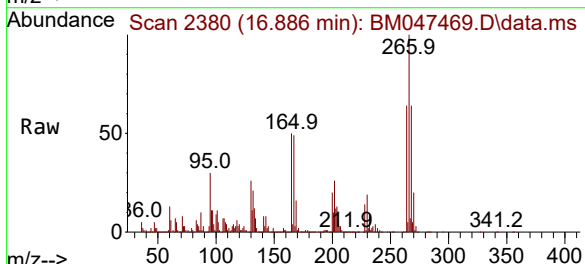
Instrument :
BNA_M
ClientSampleId :
SSTD080017

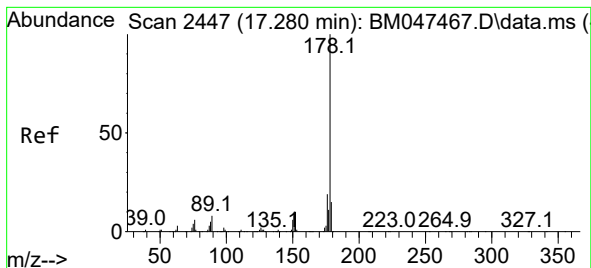
Tgt Ion:200 Resp: 2176808
Ion Ratio Lower Upper
200 100
173 26.8 22.3 33.5
215 47.9 37.9 56.9



#71
Pentachlorophenol
Concen: 76.738 ng/ul
RT: 16.886 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:266 Resp: 1512729
Ion Ratio Lower Upper
266 100
264 64.3 49.5 74.3
268 64.0 51.0 76.4





#72

Phenanthrene

Concen: 87.418 ng/ul

RT: 17.286 min Scan# 2447

Delta R.T. 0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

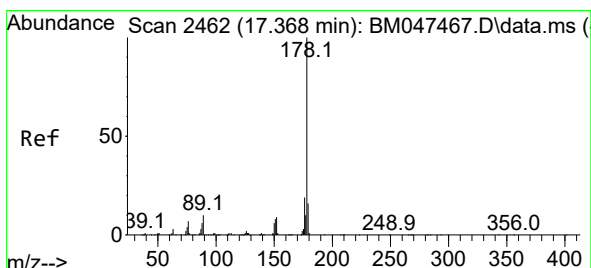
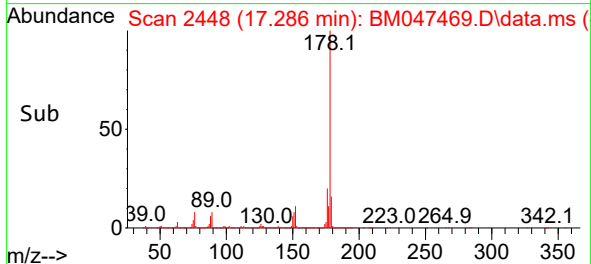
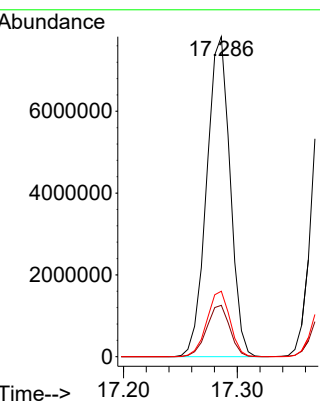
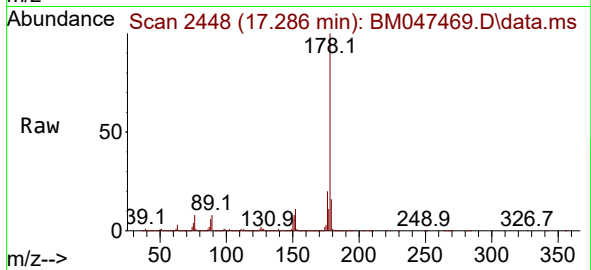
Tgt Ion:178 Resp:11194875

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

176 20.4 15.5 23.3



#74

Anthracene

Concen: 86.626 ng/ul

RT: 17.380 min Scan# 2464

Delta R.T. 0.012 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

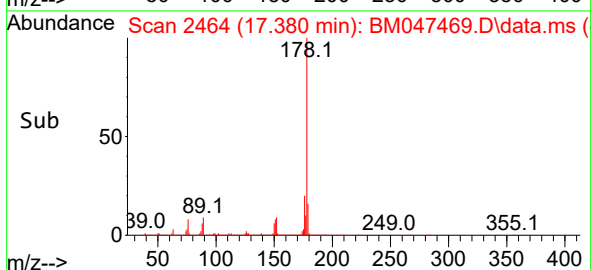
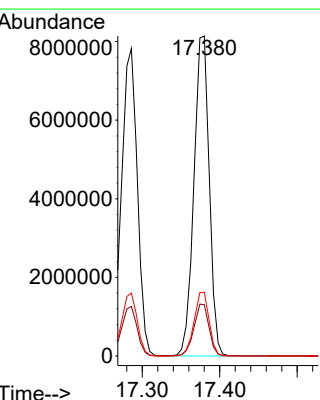
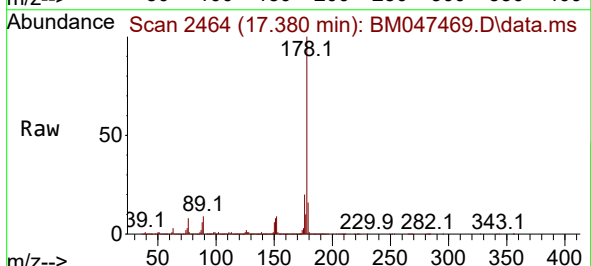
Tgt Ion:178 Resp:11187350

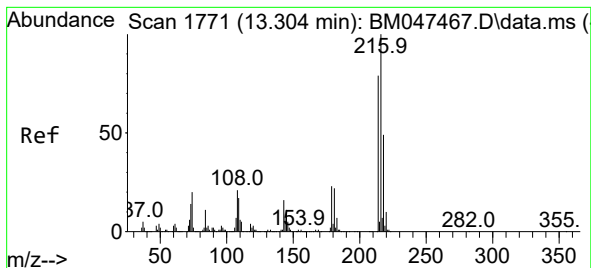
Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 19.9 15.4 23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 89.626 ng/uL

RT: 13.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

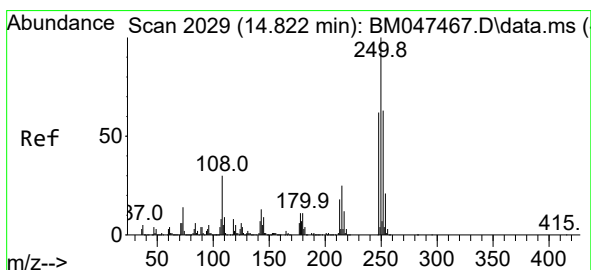
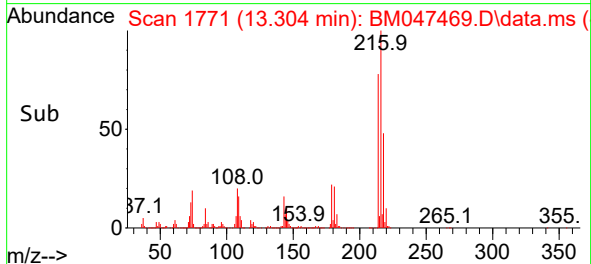
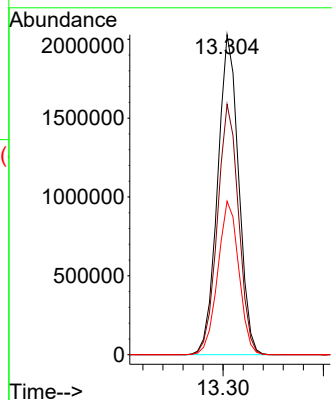
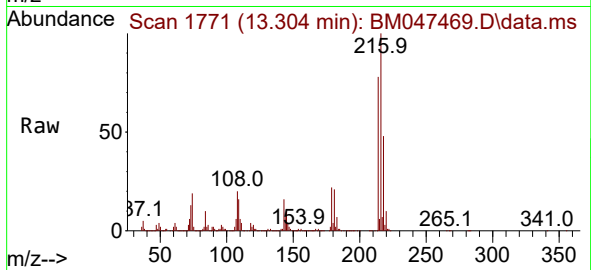
Tgt Ion:216 Resp: 2945931

Ion Ratio Lower Upper

216 100

214 78.3 62.8 94.2

218 48.0 39.0 58.4



#76

Pentachlorobenzene

Concen: 83.876 ng/uL

RT: 14.827 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

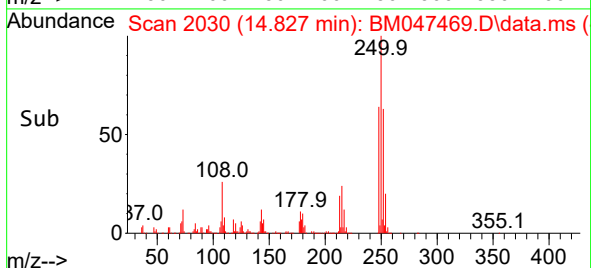
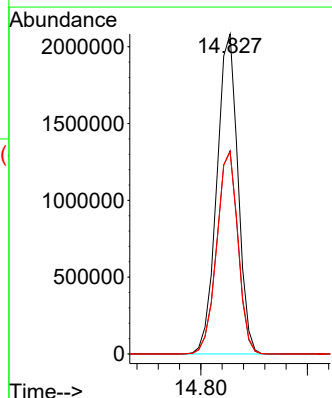
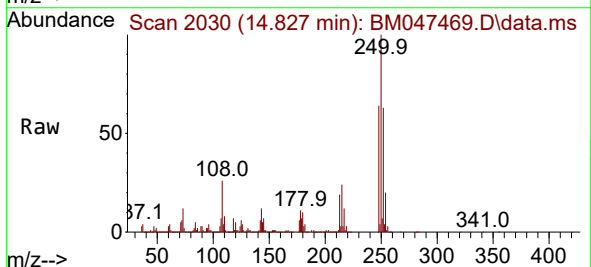
Tgt Ion:250 Resp: 2853714

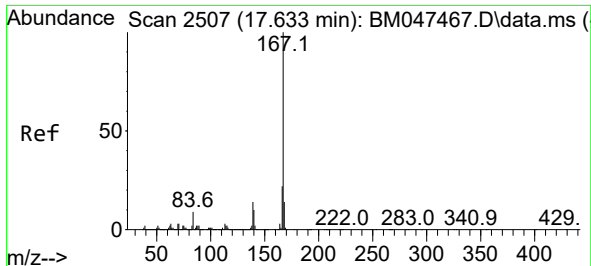
Ion Ratio Lower Upper

250 100

248 63.5 49.5 74.3

252 63.1 50.6 75.8

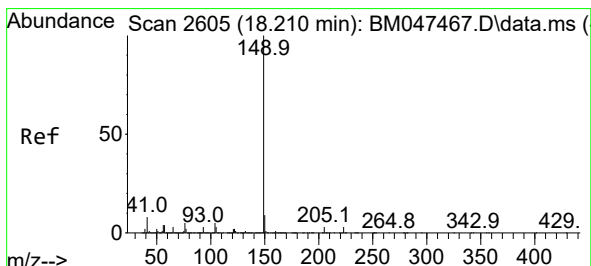
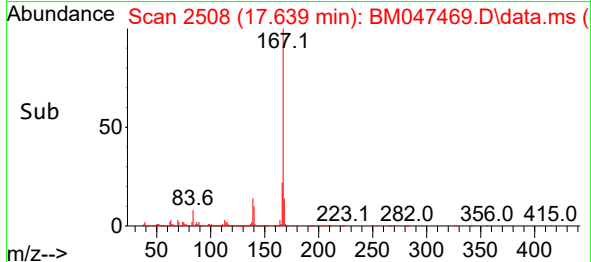
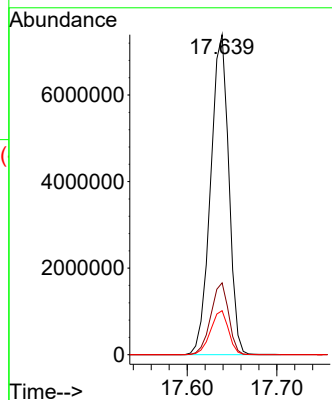
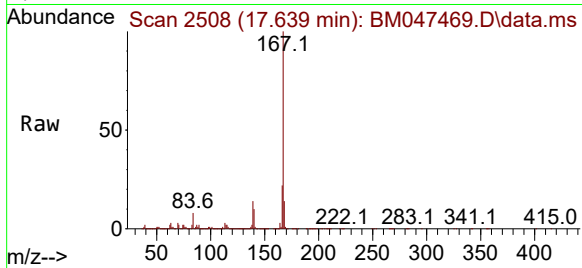




#77
 Carbazole
 Concen: 86.711 ng/ul
 RT: 17.639 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047469.D
 Acq: 10 Sep 2024 20:02

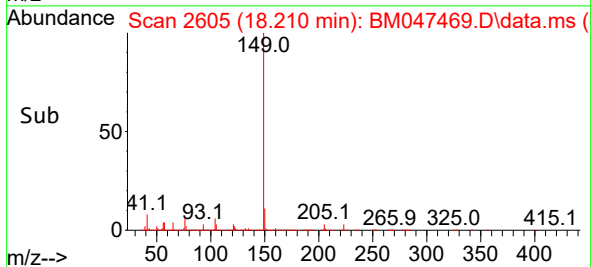
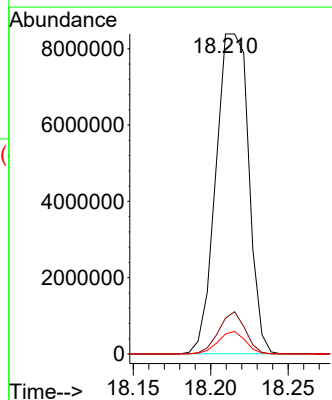
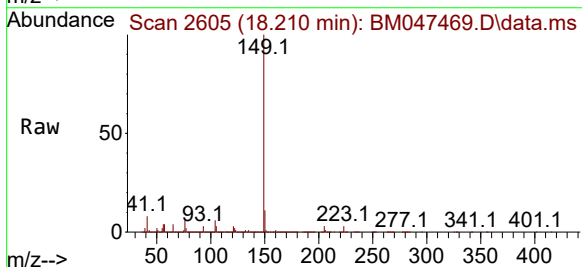
Instrument :
 BNA_M
 ClientSampleId :
 SSTD080017

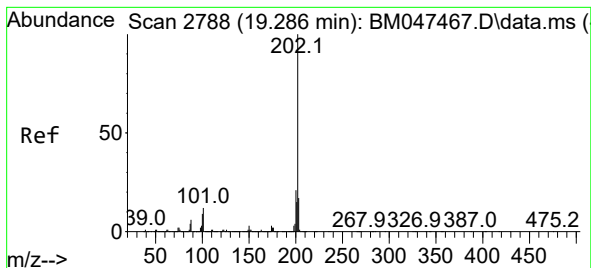
Tgt Ion:167 Resp:10381615
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.8 11.0 16.6



#78
 Di-n-butylphthalate
 Concen: 80.948 ng/ul
 RT: 18.210 min Scan# 2605
 Delta R.T. -0.000 min
 Lab File: BM047469.D
 Acq: 10 Sep 2024 20:02

Tgt Ion:149 Resp:12323982
 Ion Ratio Lower Upper
 149 100
 150 11.2 7.4 11.2#
 104 6.2 4.2 6.4

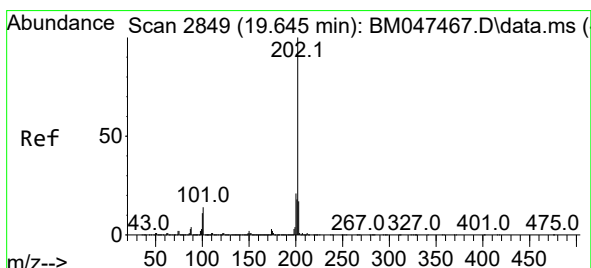
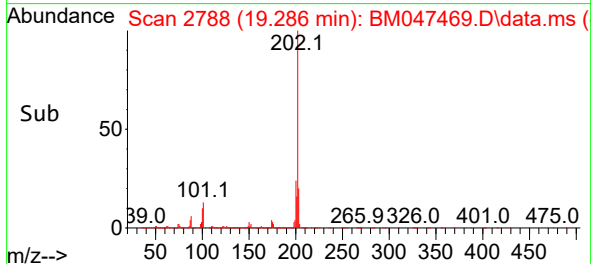
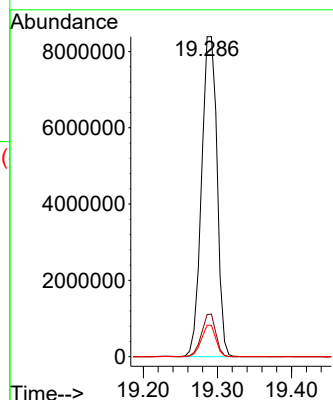
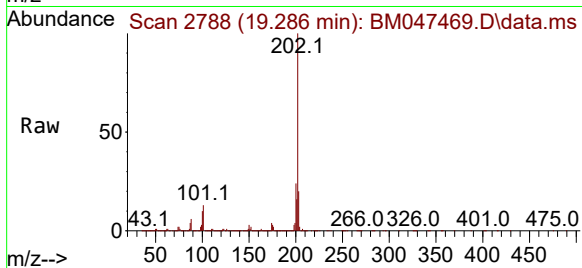




#80
Fluoranthene
Concen: 83.882 ng/u1
RT: 19.286 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

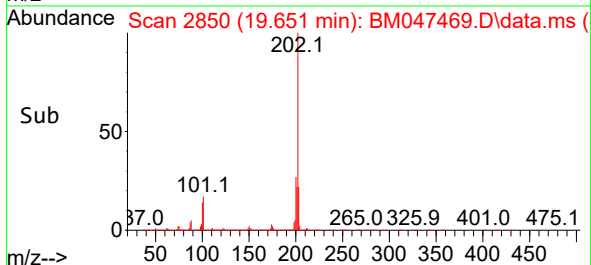
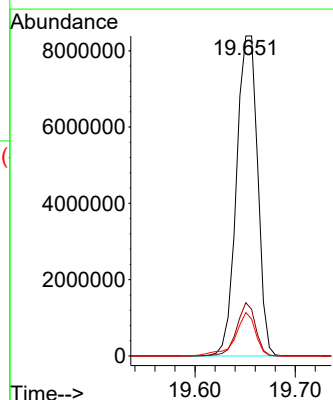
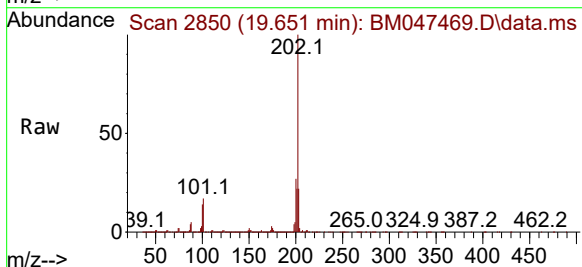
Instrument :
BNA_M
ClientSampleId :
SSTD080017

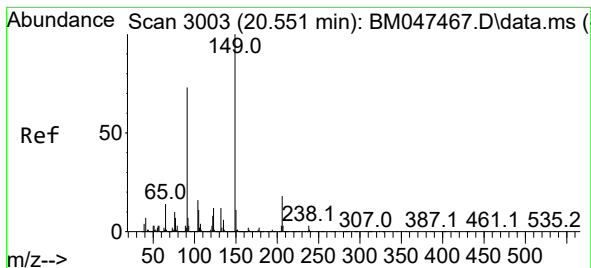
Tgt Ion:202 Resp:12163477
Ion Ratio Lower Upper
202 100
101 13.1 9.6 14.4
100 9.9 7.3 10.9



#82
Pyrene
Concen: 79.724 ng/u1
RT: 19.651 min Scan# 2850
Delta R.T. 0.006 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:202 Resp:12318227
Ion Ratio Lower Upper
202 100
101 16.6 11.3 16.9
100 13.6 9.1 13.7





#83

Butylbenzylphthalate

Concen: 95.950 ng/ul

RT: 20.551 min Scan# 3003

Delta R.T. -0.000 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

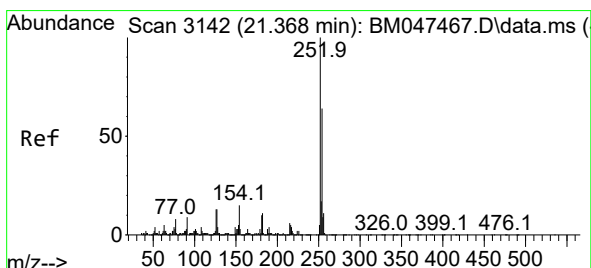
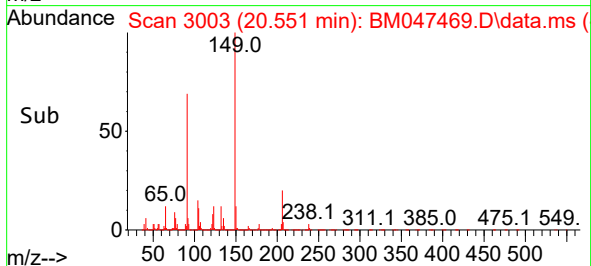
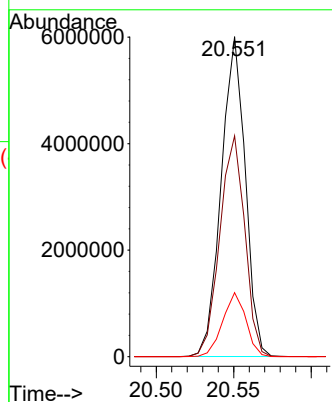
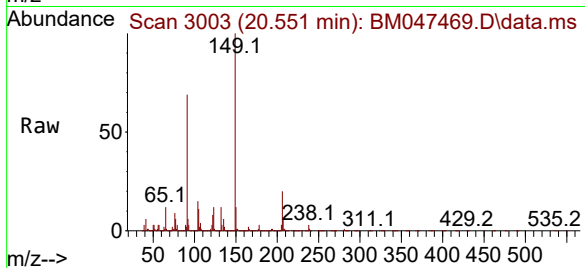
Tgt Ion:149 Resp: 6479722

Ion Ratio Lower Upper

149 100

91 69.0 58.2 87.2

206 20.0 14.7 22.1



#84

3,3'-Dichlorobenzidine

Concen: 79.725 ng/ul

RT: 21.368 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

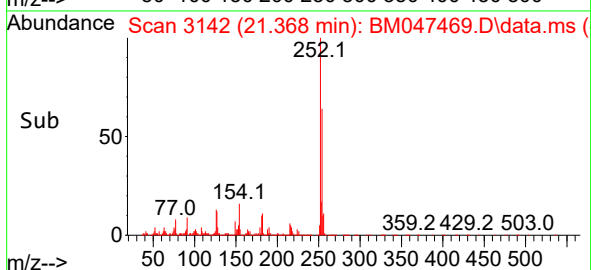
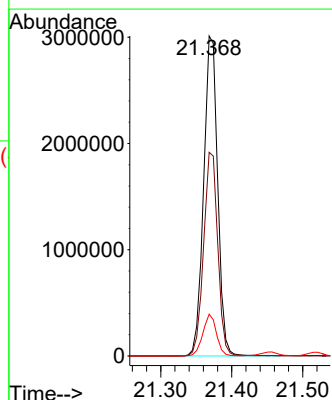
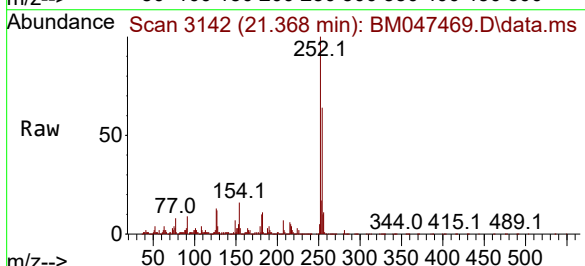
Tgt Ion:252 Resp: 4142609

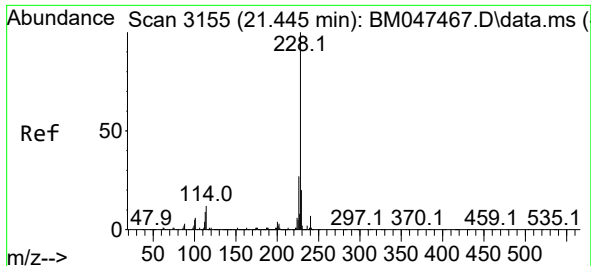
Ion Ratio Lower Upper

252 100

254 63.6 50.9 76.3

126 13.1 10.2 15.4

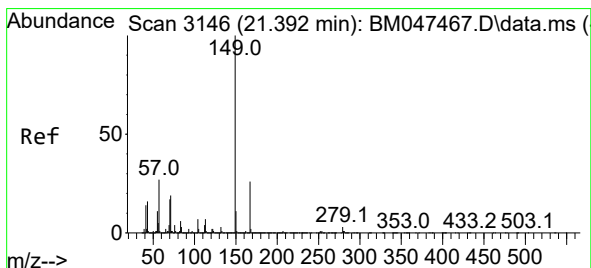
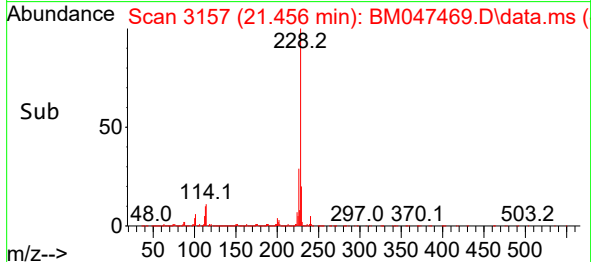
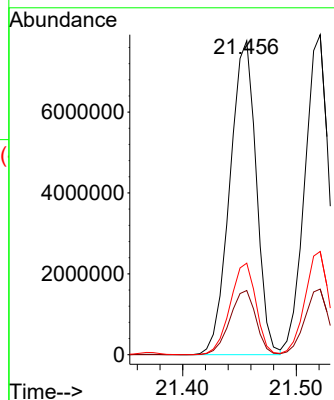
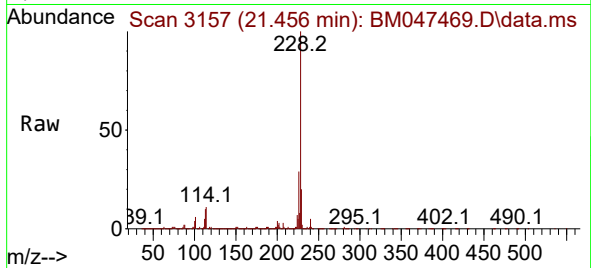




#85
Benzo(a)anthracene
Concen: 80.702 ng/ul
RT: 21.456 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

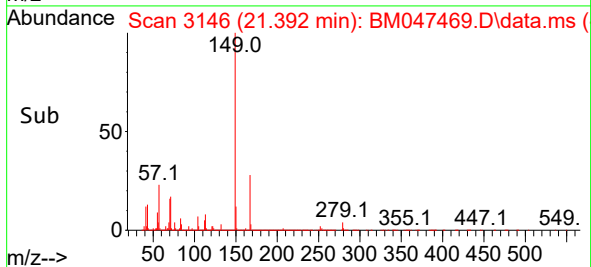
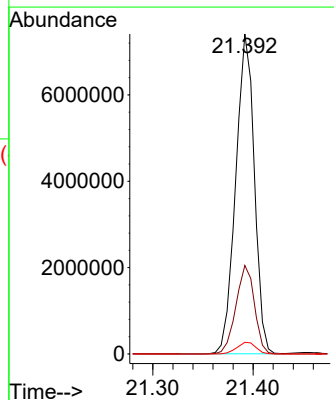
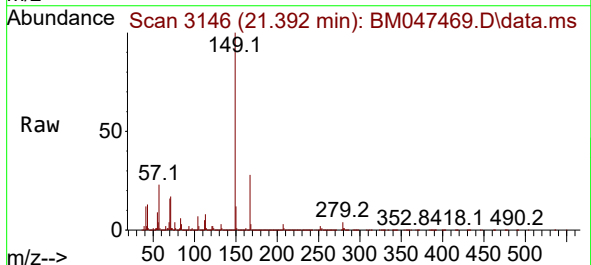
Instrument :
BNA_M
ClientSampleId :
SSTD080017

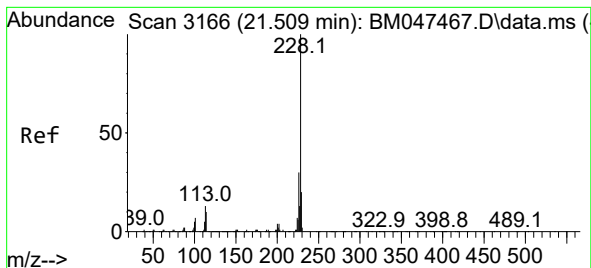
Tgt Ion:228 Resp:12492843
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 29.2 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 97.012 ng/ul
RT: 21.392 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:149 Resp: 9564266
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 3.7 2.6 4.0





#87

Chrysene

Concen: 77.746 ng/ul

RT: 21.521 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

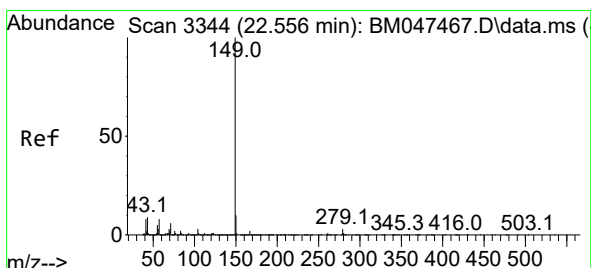
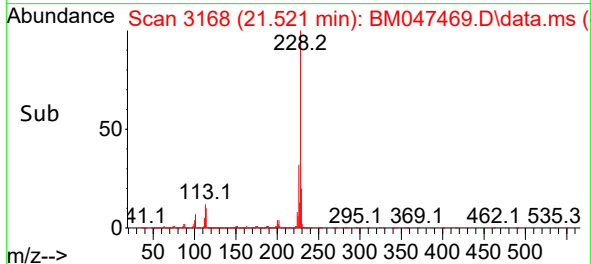
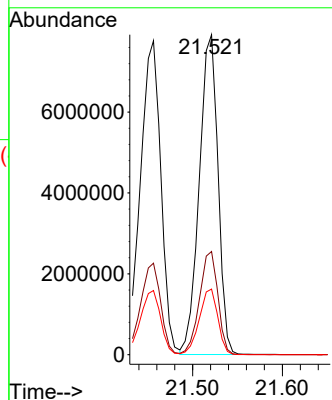
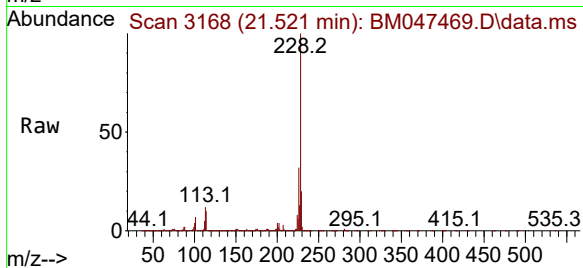
Tgt Ion:228 Resp:11478502

Ion Ratio Lower Upper

228 100

226 32.3 24.2 36.4

229 20.5 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 105.026 ng/ul

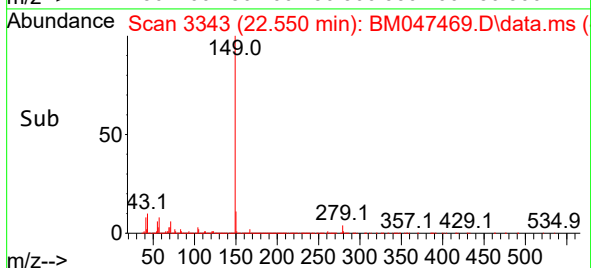
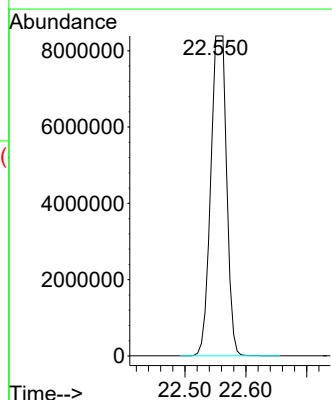
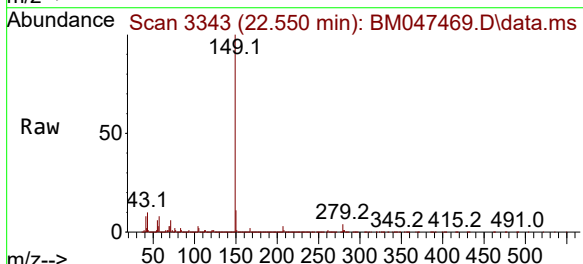
RT: 22.550 min Scan# 3343

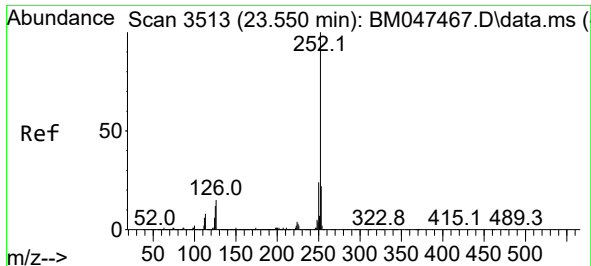
Delta R.T. -0.006 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Tgt Ion:149 Resp:15245201

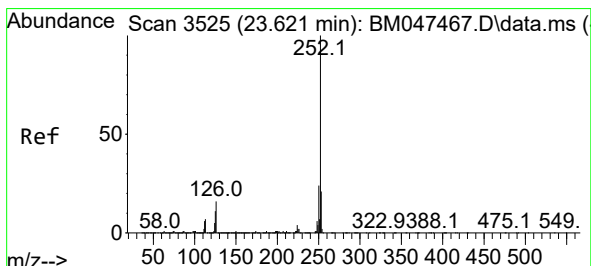
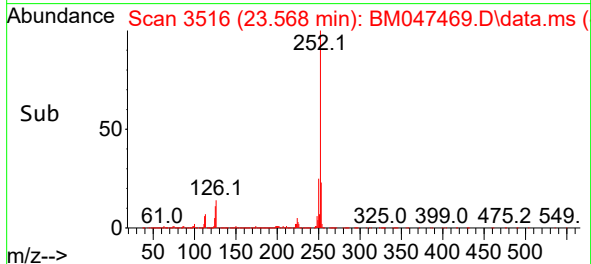
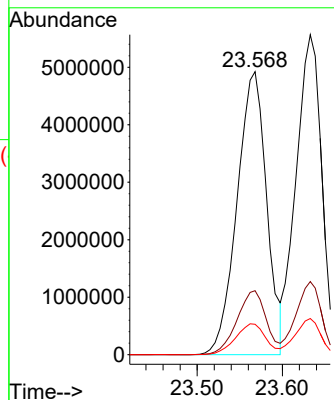
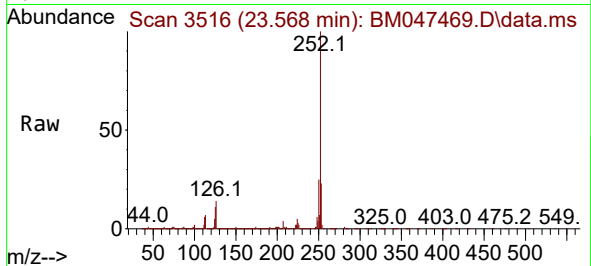




#90
Benzo(b)fluoranthene
Concen: 93.563 ng/ul
RT: 23.568 min Scan# 3516
Delta R.T. 0.018 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

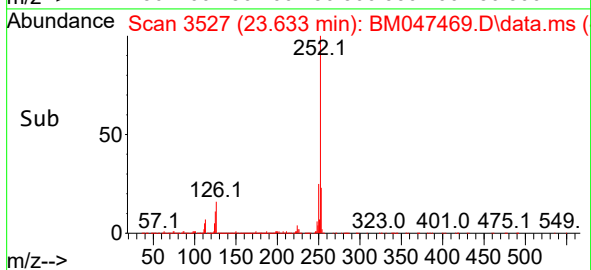
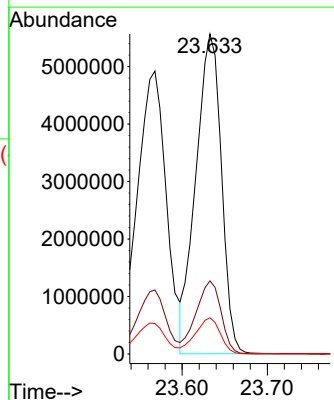
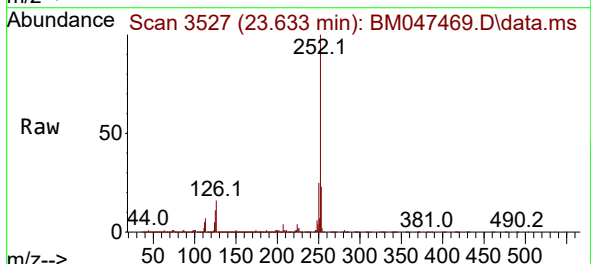
Instrument :
BNA_M
ClientSampleId :
SSTD080017

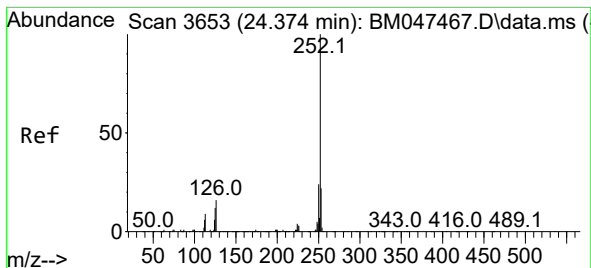
Tgt Ion:252 Resp:11908283
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.8 9.4 14.2



#91
Benzo(k)fluoranthene
Concen: 92.069 ng/ul
RT: 23.633 min Scan# 3527
Delta R.T. 0.012 min
Lab File: BM047469.D
Acq: 10 Sep 2024 20:02

Tgt Ion:252 Resp:11579982
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 11.3 8.9 13.3





#93

Benzo(a)pyrene

Concen: 89.735 ng/ul

RT: 24.397 min Scan# 3

Delta R.T. 0.023 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

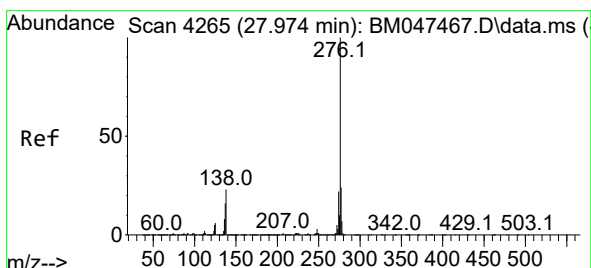
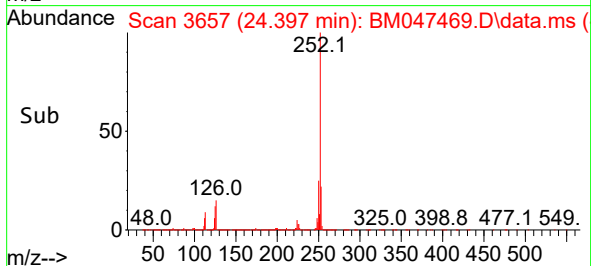
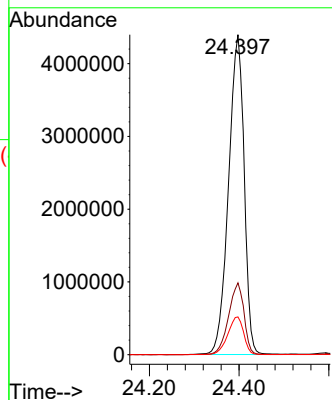
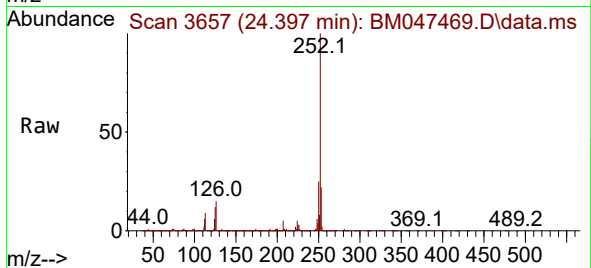
Tgt Ion:252 Resp:10640173

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 11.8 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 76.457 ng/ul

RT: 27.997 min Scan# 4269

Delta R.T. 0.023 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

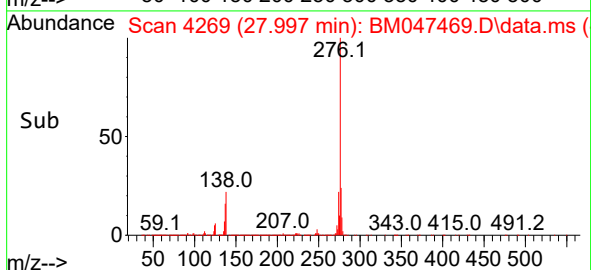
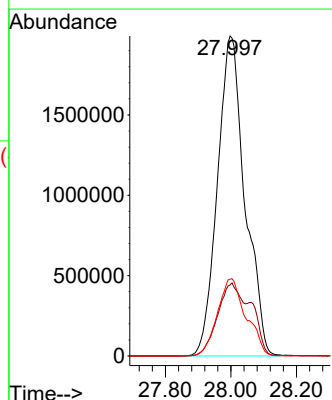
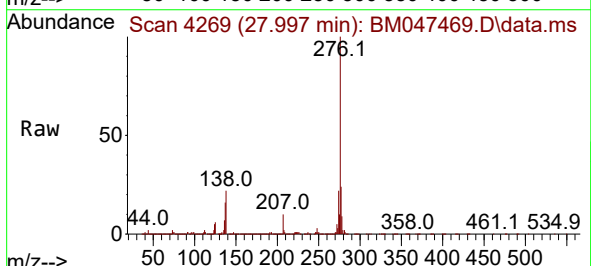
Tgt Ion:276 Resp:11615331

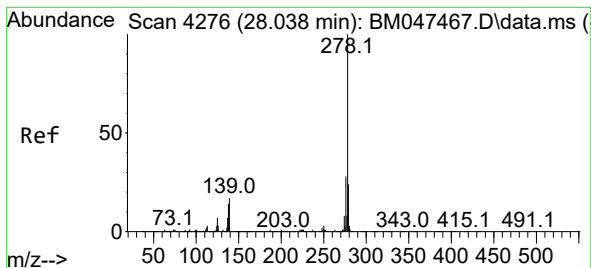
Ion Ratio Lower Upper

276 100

138 22.2 18.1 27.1

277 24.0 19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 78.018 ng/ul

RT: 28.068 min Scan# 41

Delta R.T. 0.029 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Instrument :

BNA_M

ClientSampleId :

SSTD080017

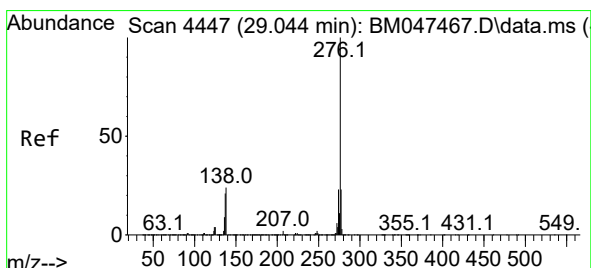
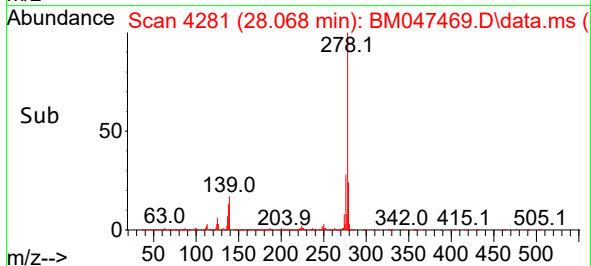
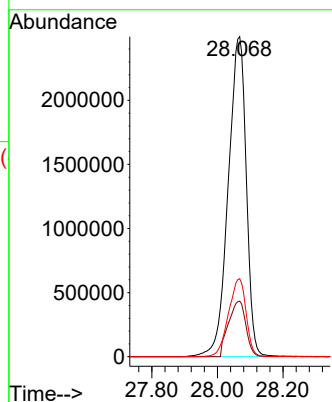
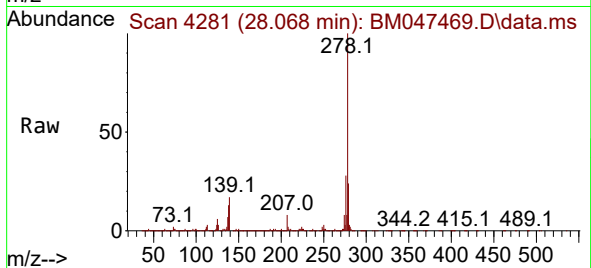
Tgt Ion:278 Resp: 9520244

Ion Ratio Lower Upper

278 100

139 17.4 13.8 20.8

279 24.3 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 71.333 ng/ul

RT: 29.079 min Scan# 4453

Delta R.T. 0.035 min

Lab File: BM047469.D

Acq: 10 Sep 2024 20:02

Tgt Ion:276 Resp: 8562171

Ion Ratio Lower Upper

276 100

138 23.0 19.4 29.2

277 23.7 18.8 28.2

