

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047749.D
 Acq On : 01 Oct 2024 19:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020153

Quant Time: Oct 01 22:50:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	401299	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	1996766	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	1319849	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	2664718	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	2447570	20.000	ng/u1	0.00
88) Perylene-d12	24.421	264	2873740	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	82244	6.623	ng/uL	0.00
4) Pyridine-d5	3.669	84	681389	18.740	ng/u1	0.00
7) Phenol-d5	6.975	99	789468	20.805	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	486460	18.066	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	623168	22.572	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	656259	23.261	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	326541	20.539	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	353864	23.226	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	674328	22.156	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	985636	20.948	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1896102	19.815	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	2247149	19.806	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	393833	20.672	ng/u1	0.00
60) Fluorene-d10	15.433	176	1641064	19.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	303219	19.445	ng/u1	0.00
73) Anthracene-d10	17.280	188	2499867	19.079	ng/u1	0.00
81) Pyrene-d10	19.568	212	2864910	20.624	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.209	264	2978728	19.978	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	86558	6.382	ng/uL#	87
5) Pyridine	3.693	79	704415	18.402	ng/u1	89
6) Benzaldehyde	6.945	77	346568	16.794	ng/u1	94
8) Phenol	7.004	94	815876	20.207	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.234	93	653554	20.314	ng/u1	91
12) 2-Chlorophenol	7.375	128	647651	22.143	ng/u1	92
13) 2-Methylphenol	8.251	108	630408	22.391	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	1003059	16.562	ng/u1	96
16) Acetophenone	8.634	105	1074261	22.253	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.622	70	555487	21.725	ng/u1#	91
18) 4-Methylphenol	8.581	108	719158	22.730	ng/u1	98
19) Hexachloroethane	8.892	117	261857	19.918	ng/u1	90
22) Nitrobenzene	9.004	77	774719	17.154	ng/u1	93
23) Isophorone	9.539	82	1560009	19.310	ng/u1	95
25) 2-Nitrophenol	9.716	139	386398	22.169	ng/u1	89
26) 2,4-Dimethylphenol	9.781	107	711466	19.050	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.016	93	925435	18.729	ng/u1	98
29) 2,4-Dichlorophenol	10.251	162	677086	21.545	ng/u1	98
30) Naphthalene	10.657	128	2182140	18.999	ng/u1	100
32) 4-Chloroaniline	10.757	127	949661	20.498	ng/u1	100
33) Hexachlorobutadiene	10.945	225	390430	18.803	ng/u1	99
35) 4-Chloro-3-methylphenol	11.886	107	725393	22.298	ng/u1	95
36) 2-Methylnaphthalene	12.263	142	1546537	21.192	ng/u1	97
37) 1-Methylnaphthalene	12.486	142	1564742	21.075	ng/u1	100

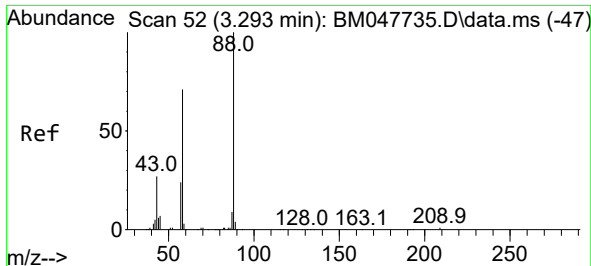
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.633	216	803497	18.701	ng/ul	96
40) Hexachlorocyclopentadiene	12.622	237	424933	16.352	ng/ul	99
41) 2,4,6-Trichlorophenol	12.874	196	539181	21.690	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	586545	21.577	ng/ul	96
43) 1,1'-Biphenyl	13.280	154	2014290	19.061	ng/ul#	97
44) 2-Chloronaphthalene	13.322	162	1551609	18.985	ng/ul	96
45) 2-Nitroaniline	13.516	65	474430	18.286	ng/ul#	83
47) Dimethylphthalate	13.904	163	1905242	19.660	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	380501	22.357	ng/ul	87
50) Acenaphthylene	14.163	152	2459085	19.219	ng/ul	99
51) 3-Nitroaniline	14.339	138	397844	19.314	ng/ul	90
52) Acenaphthene	14.510	153	1710178	18.908	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	211760	20.136	ng/ul#	78
55) 4-Nitrophenol	14.651	109	301880	18.872	ng/ul	92
56) Dibenzofuran	14.839	168	2320966	19.064	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	572518	22.397	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.068	232	474815	22.159	ng/ul#	97
59) Diethylphthalate	15.268	149	1886869	19.460	ng/ul	98
61) Fluorene	15.492	166	1875092	18.460	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	903182	18.818	ng/ul	95
63) 4-Nitroaniline	15.504	138	369932	18.492	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.563	198	333468	19.299	ng/ul#	89
67) N-Nitrosodiphenylamine	15.698	169	1559486	18.781	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	544091	19.809	ng/ul	99
69) Hexachlorobenzene	16.492	284	631878	19.768	ng/ul	95
70) Atrazine	16.645	200	520129	18.817	ng/ul	98
71) Pentachlorophenol	16.833	266	435574	21.430	ng/ul	99
72) Phenanthrene	17.227	178	2916204	18.662	ng/ul	99
74) Anthracene	17.315	178	2956173	18.547	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	807186	18.295	ng/uL	99
76) Pentachlorobenzene	14.763	250	791979	18.390	ng/uL	98
77) Carbazole	17.580	167	2735466	18.935	ng/ul	99
78) Di-n-butylphthalate	18.145	149	3213951	19.983	ng/ul	99
80) Fluoranthene	19.233	202	3324003	20.317	ng/ul	98
82) Pyrene	19.598	202	3587192	19.700	ng/ul	95
83) Butylbenzylphthalate	20.492	149	1448681	22.504	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.309	252	995047	19.240	ng/ul	100
85) Benzo(a)anthracene	21.392	228	3433746	20.037	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.315	149	2070914	21.427	ng/ul	97
87) Chrysene	21.450	228	3233456	19.354	ng/ul	99
89) Di-n-octyl phthalate	22.450	149	3545074	19.125	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	3398811	18.965	ng/ul	98
91) Benzo(k)fluoranthene	23.527	252	3508034	19.144	ng/ul	99
93) Benzo(a)pyrene	24.280	252	3254671	19.122	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.815	276	4252946	19.498	ng/ul	99
95) Dibenzo(a,h)anthracene	27.868	278	3460376	19.359	ng/ul	98
96) Benzo(g,h,i)perylene	28.873	276	3307139	19.352	ng/ul	97

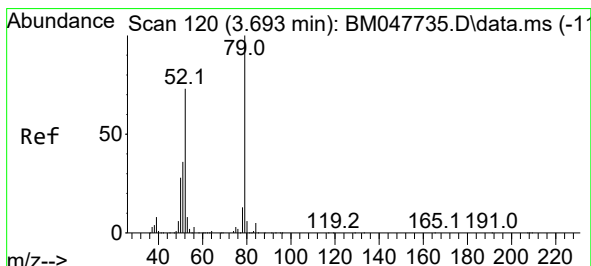
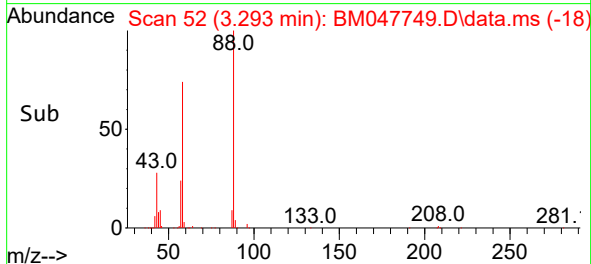
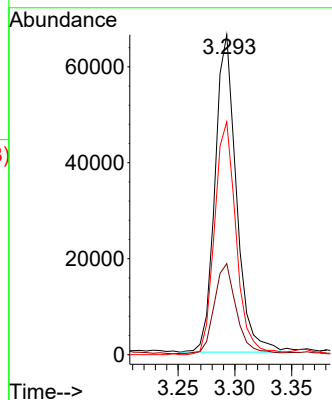
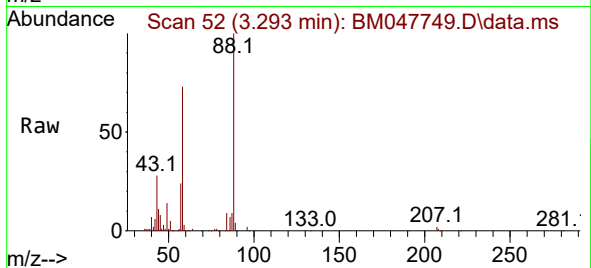
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#2
1,4-Dioxane
Concen: 6.382 ng/uL
RT: 3.293 min Scan# 51
Delta R.T. -0.000 min
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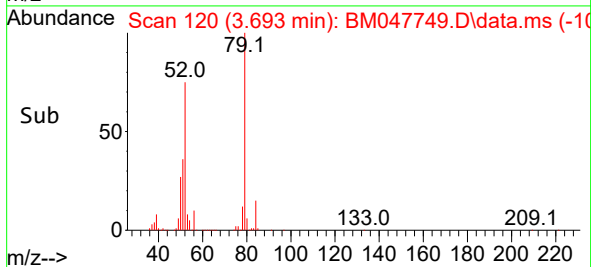
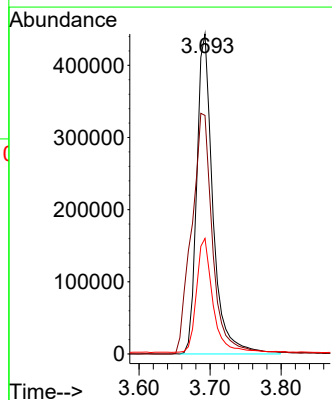
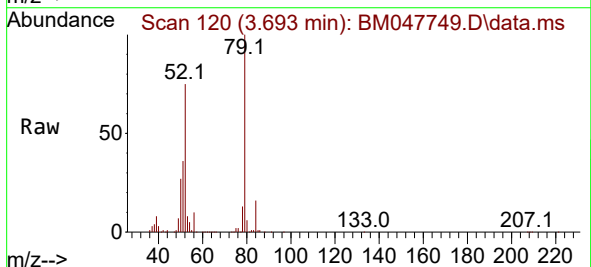
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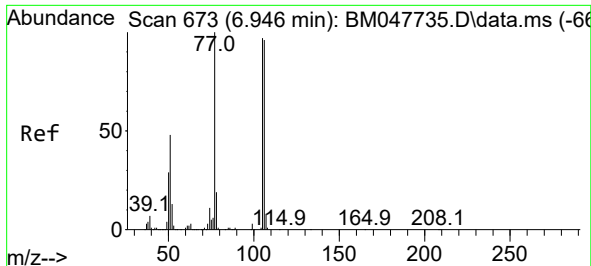
Tgt Ion: 88 Resp: 86558
Ion Ratio Lower Upper
88 100
43 28.5 29.1 43.7#
58 72.8 67.7 101.5



#5
Pyridine
Concen: 18.402 ng/uL
RT: 3.693 min Scan# 120
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion: 79 Resp: 704415
Ion Ratio Lower Upper
79 100
52 74.6 69.4 104.2
51 36.1 32.6 49.0

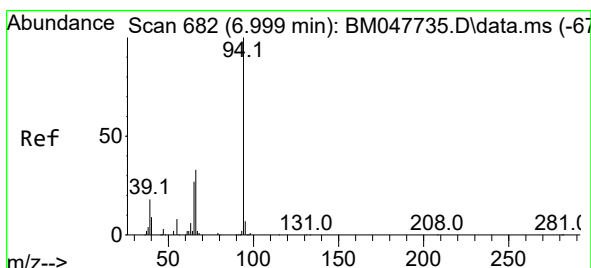
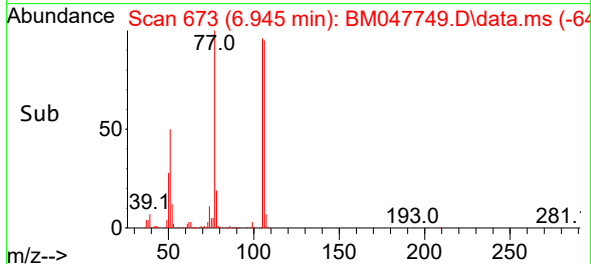
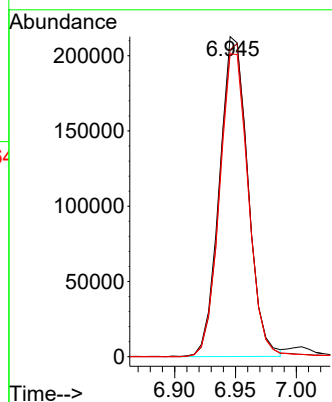
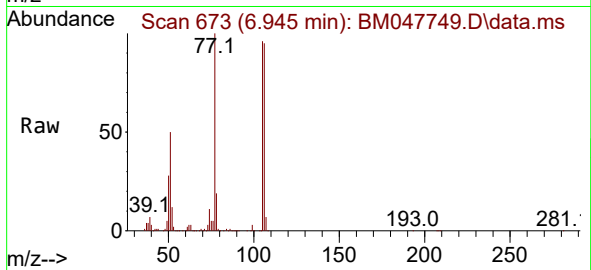




#6
Benzaldehyde
Concen: 16.794 ng/ul
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

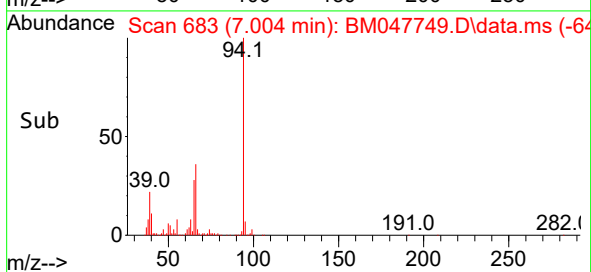
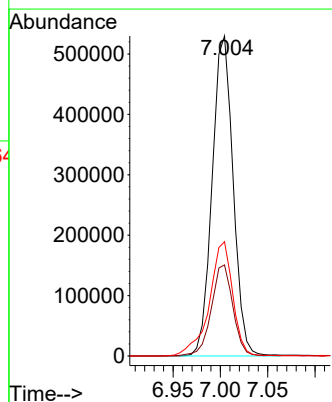
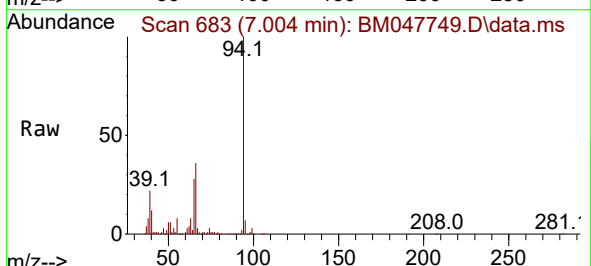
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ClientSampleId :
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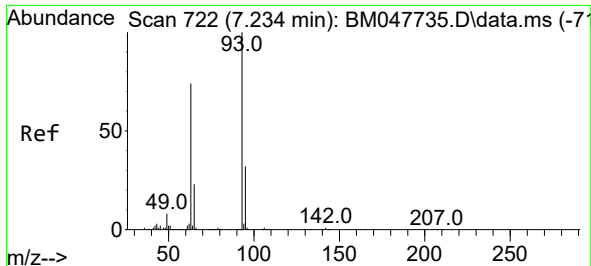
Tgt Ion: 77 Resp: 346568
Ion Ratio Lower Upper
77 100
105 95.9 72.2 108.2
106 94.6 70.7 106.1



#8
Phenol
Concen: 20.207 ng/ul
RT: 7.004 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion: 94 Resp: 815876
Ion Ratio Lower Upper
94 100
65 28.5 26.3 39.5
66 35.7 30.5 45.7

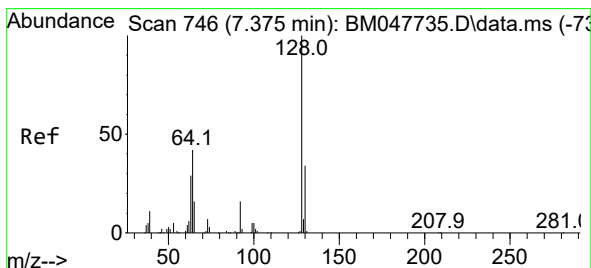
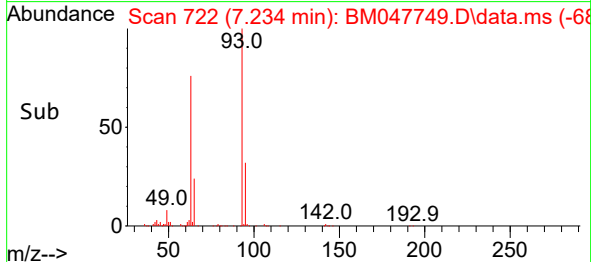
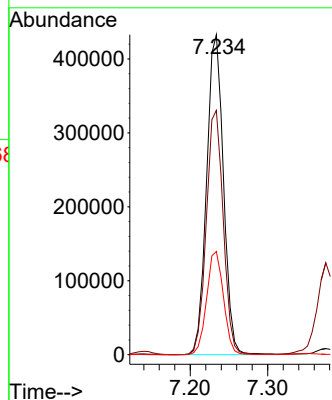
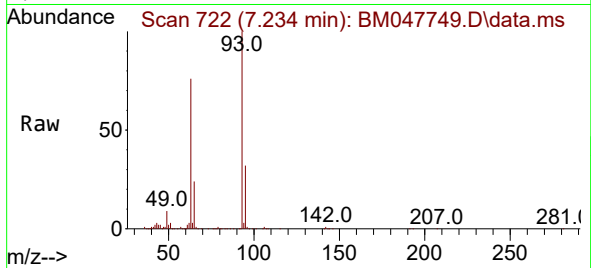




#10
Bis(2-Chloroethyl)ether
Concen: 20.314 ng/ul
RT: 7.234 min Scan# 722
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

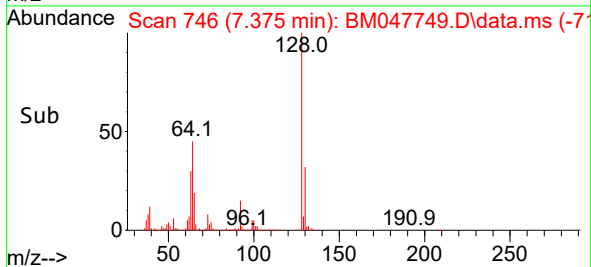
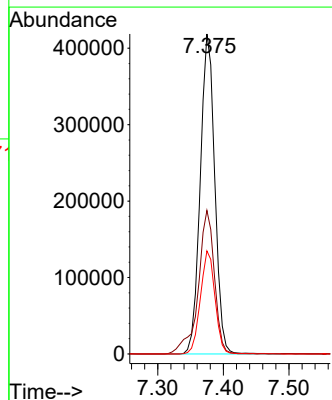
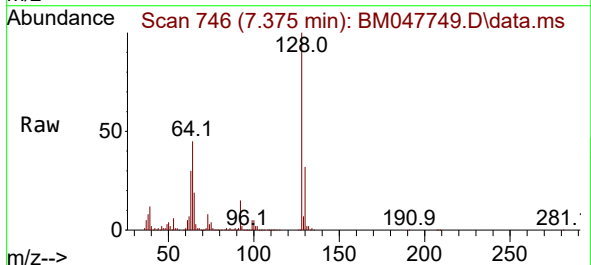
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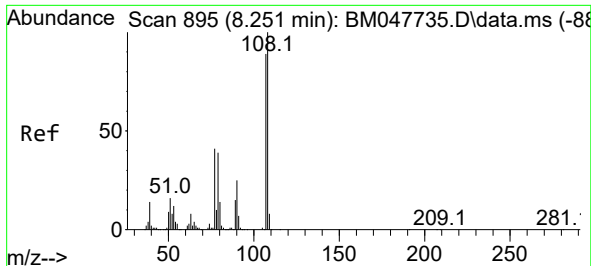
Tgt Ion: 93 Resp: 653554
Ion Ratio Lower Upper
93 100
63 76.3 69.4 104.2
95 32.2 25.0 37.6



#12
2-Chlorophenol
Concen: 22.143 ng/ul
RT: 7.375 min Scan# 746
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:128 Resp: 647651
Ion Ratio Lower Upper
128 100
64 44.9 42.7 64.1
130 32.2 26.0 39.0

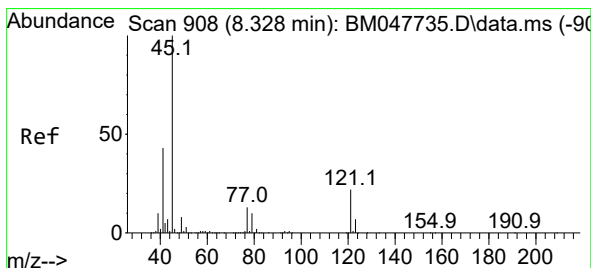
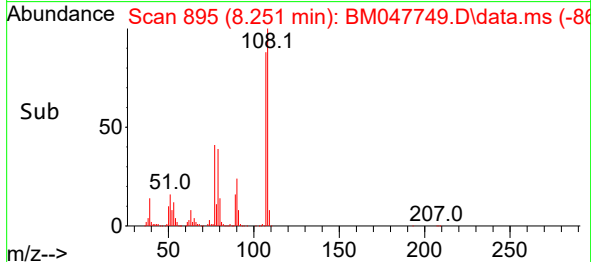
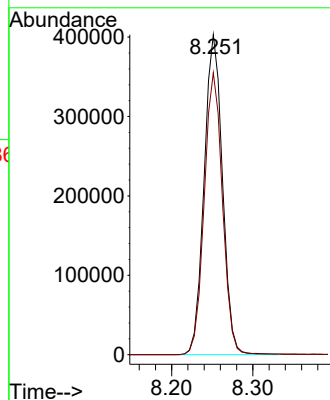
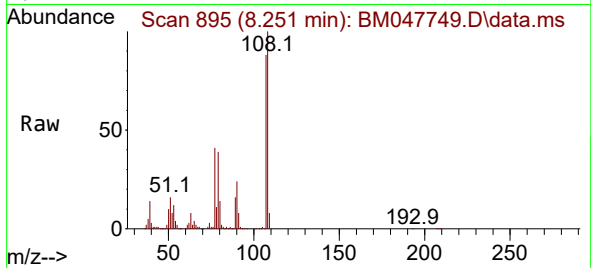




#13
2-Methylphenol
Concen: 22.391 ng/ul
RT: 8.251 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

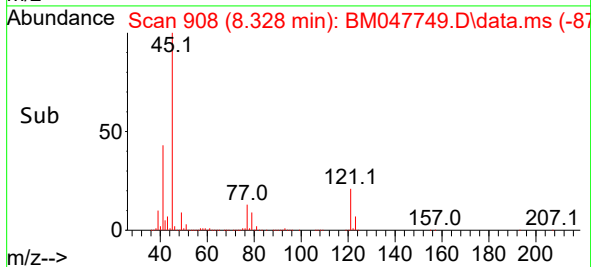
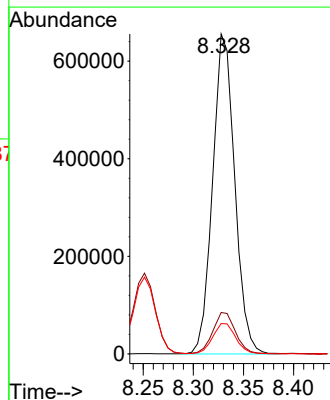
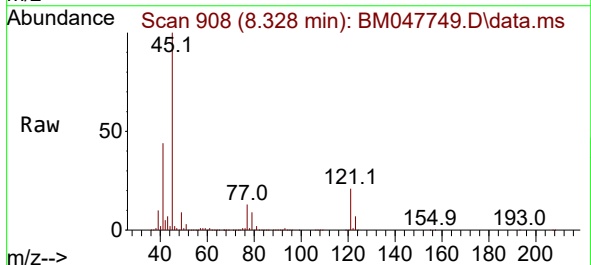
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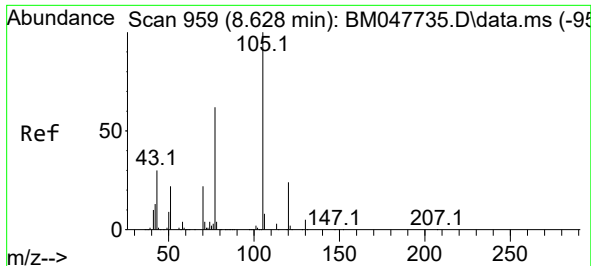
Tgt Ion:108 Resp: 630408
Ion Ratio Lower Upper
108 100
107 88.1 69.3 103.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 16.562 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion: 45 Resp: 1003059
Ion Ratio Lower Upper
45 100
77 12.9 9.0 13.6
79 9.5 6.5 9.7

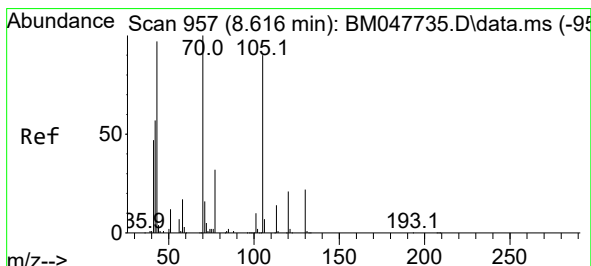
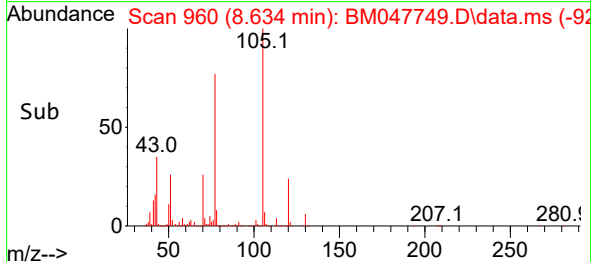
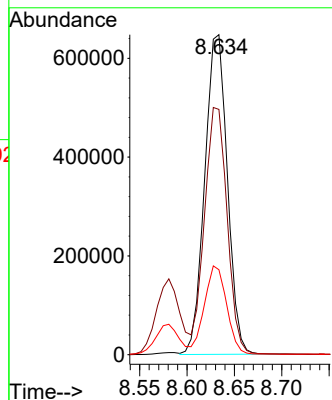
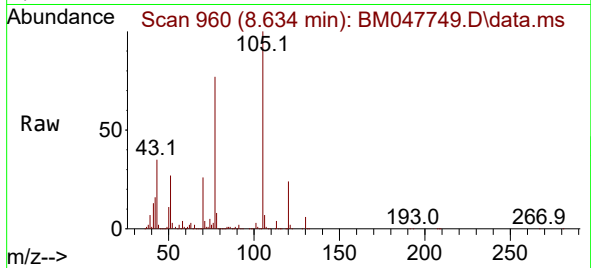




#16
Acetophenone
Concen: 22.253 ng/ul
RT: 8.634 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

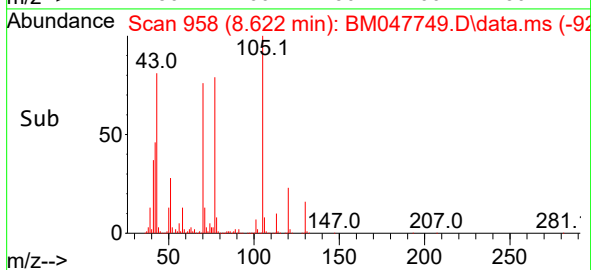
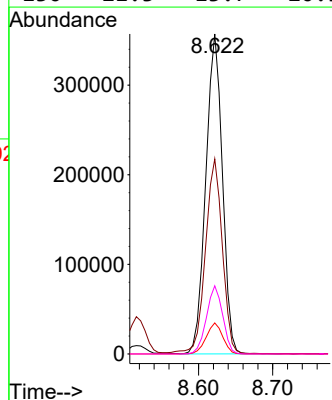
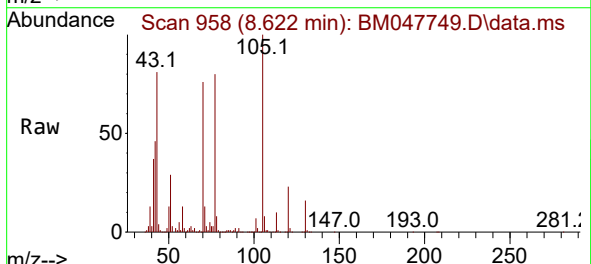
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SSTD020153

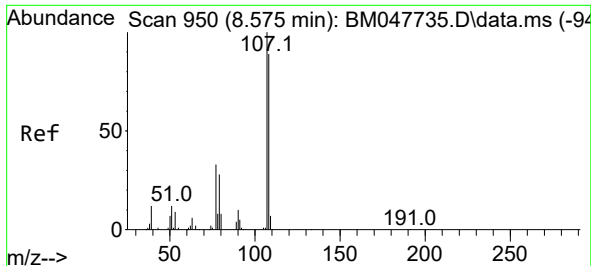
Tgt Ion:105 Resp: 1074261
Ion Ratio Lower Upper
105 100
77 76.6 66.6 100.0
51 26.6 27.0 40.4#



#17
N-Nitroso-di-n-propylamine
Concen: 21.725 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion: 70 Resp: 555487
Ion Ratio Lower Upper
70 100
42 61.0 55.3 82.9
101 9.7 6.8 10.2
130 21.3 13.7 20.5#

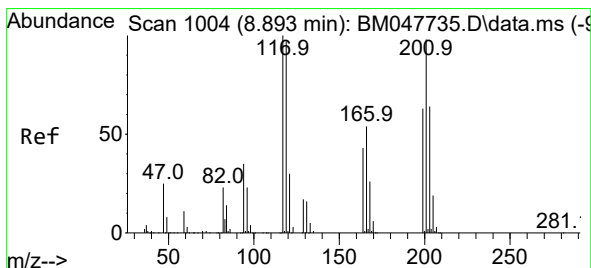
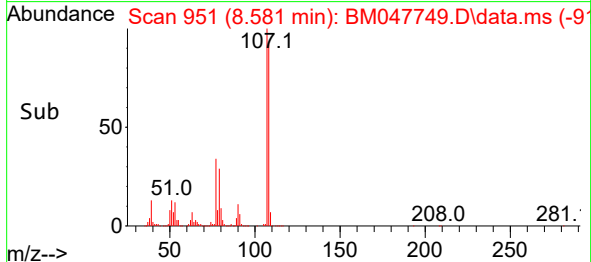
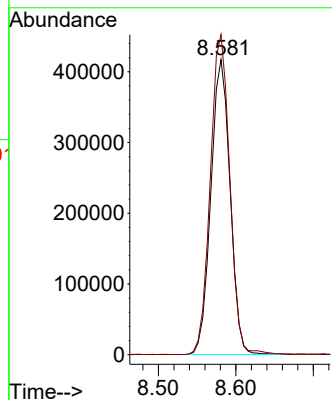
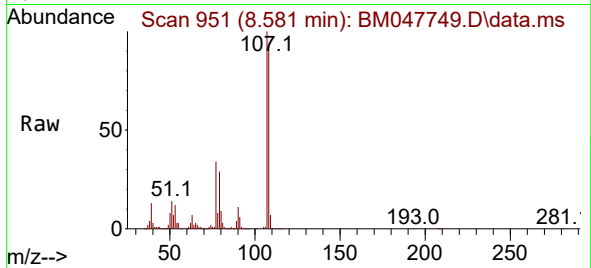




#18
4-Methylphenol
Concen: 22.730 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

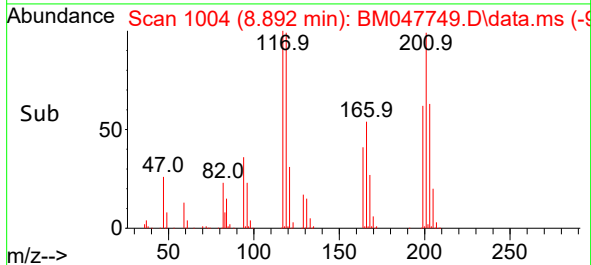
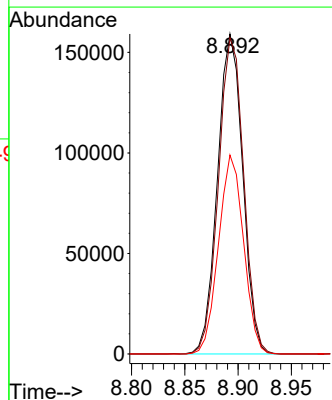
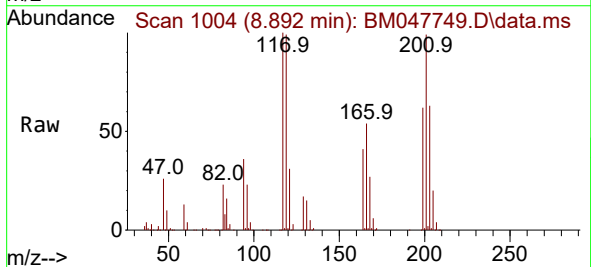
Instrument :
BNA_M
ClientSampleId :
SSTD020153

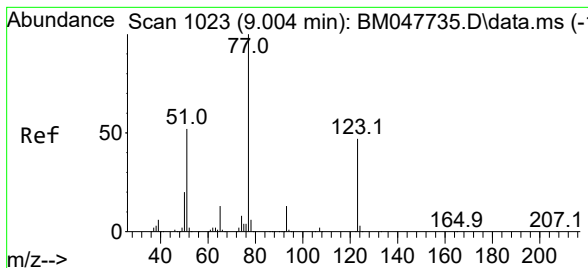
Tgt Ion:108 Resp: 719158
Ion Ratio Lower Upper
108 100
107 108.4 88.4 132.6



#19
Hexachloroethane
Concen: 19.918 ng/ul
RT: 8.892 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:117 Resp: 261857
Ion Ratio Lower Upper
117 100
201 98.8 71.0 106.6
199 62.2 44.2 66.4

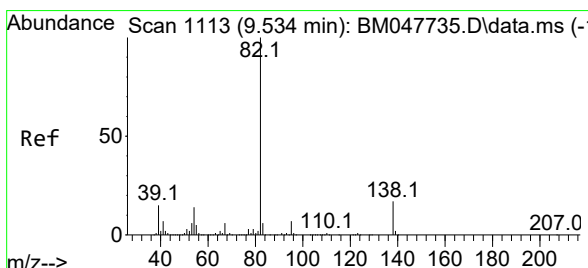
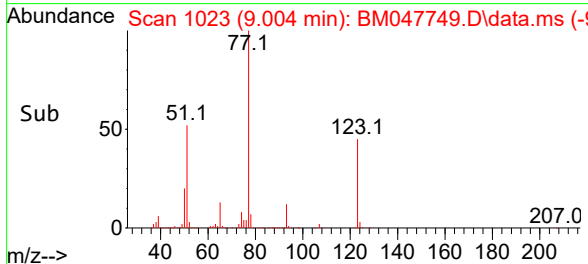
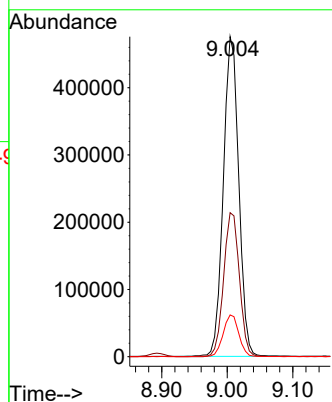
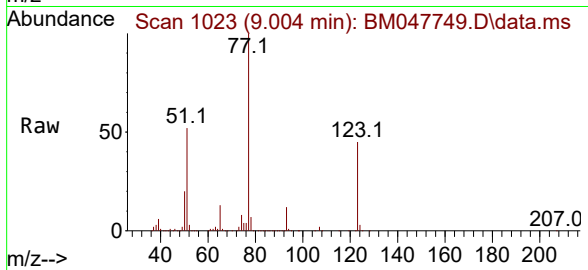




#22
Nitrobenzene
Concen: 17.154 ng/ul
RT: 9.004 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

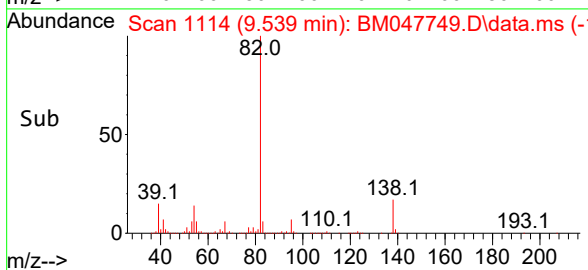
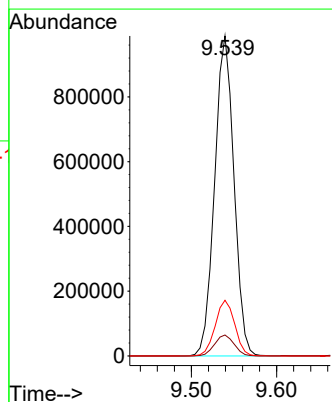
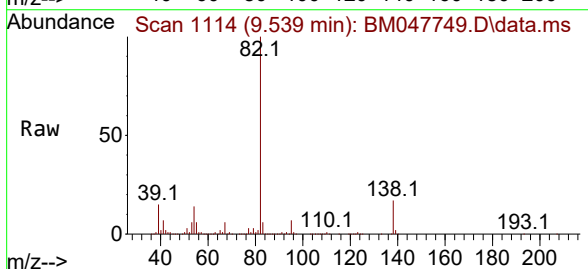
Instrument :
BNA_M
ClientSampleId :
SSTD020153

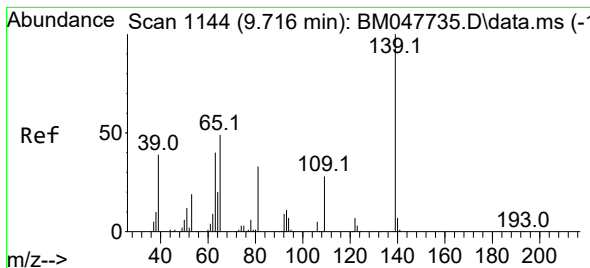
Tgt Ion: 77 Resp: 774719
Ion Ratio Lower Upper
77 100
123 45.0 31.7 47.5
65 13.0 11.1 16.7



#23
Isophorone
Concen: 19.310 ng/ul
RT: 9.539 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion: 82 Resp: 1560009
Ion Ratio Lower Upper
82 100
95 6.5 4.9 7.3
138 17.4 12.0 18.0

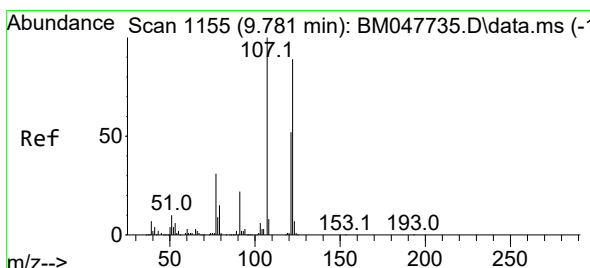
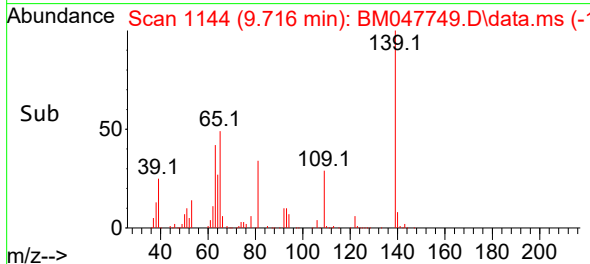
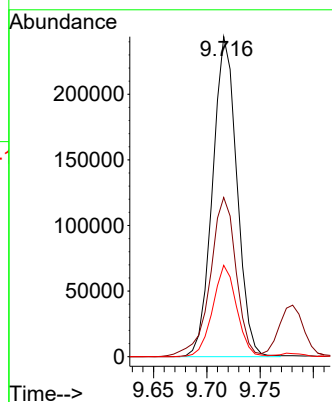
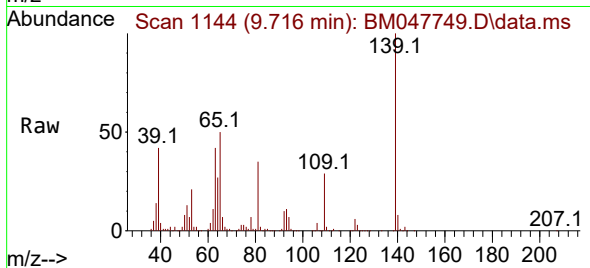




#25
2-Nitrophenol
Concen: 22.169 ng/ul
RT: 9.716 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

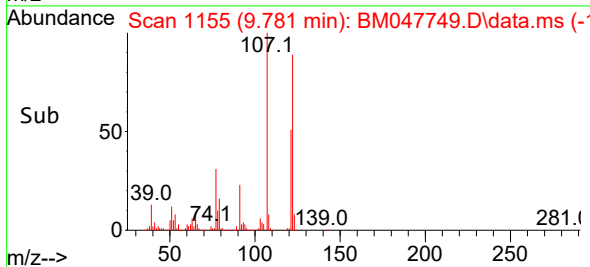
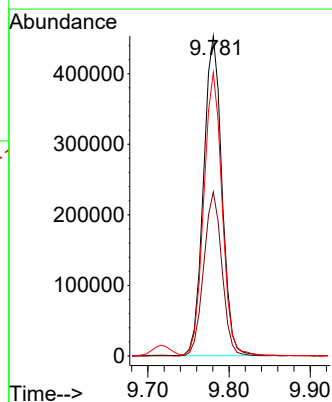
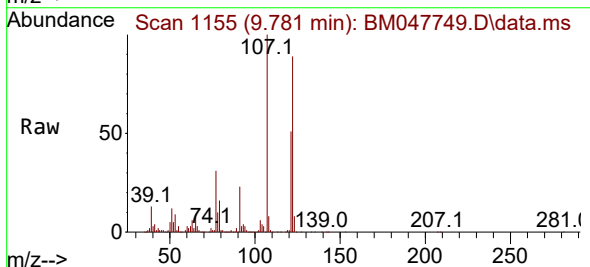
Instrument :
BNA_M
ClientSampleId :
SSTD020153

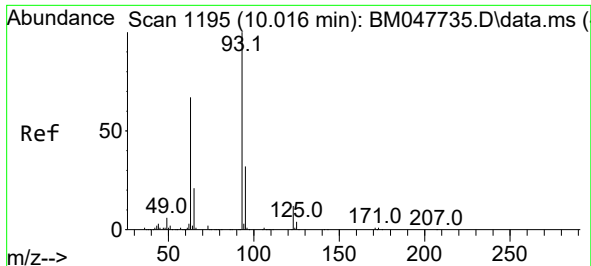
Tgt Ion:139 Resp: 386398
Ion Ratio Lower Upper
139 100
65 49.8 49.6 74.4
109 28.5 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 19.050 ng/ul
RT: 9.781 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:107 Resp: 711466
Ion Ratio Lower Upper
107 100
121 51.2 37.8 56.8
122 88.5 65.4 98.0

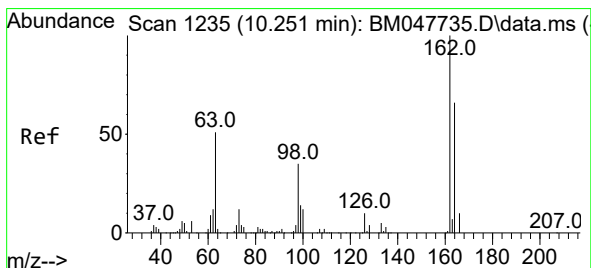
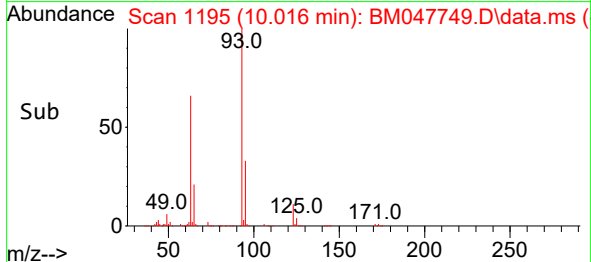
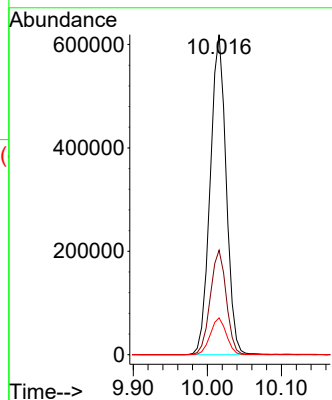
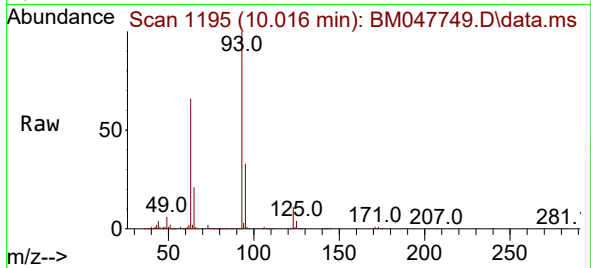




#27
Bis(2-Chloroethoxy)methane
Concen: 18.729 ng/ul
RT: 10.016 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

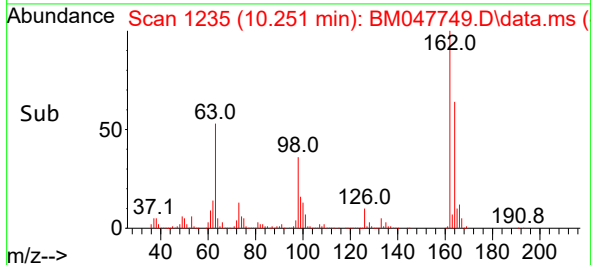
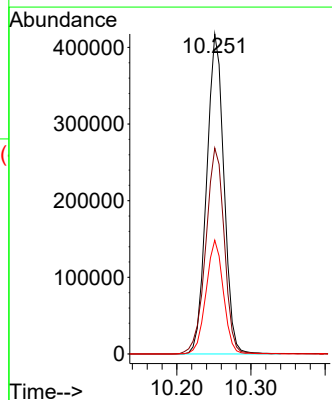
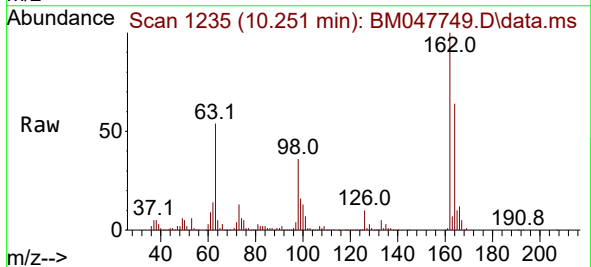
Instrument :
BNA_M
ClientSampleId :
SSTD020153

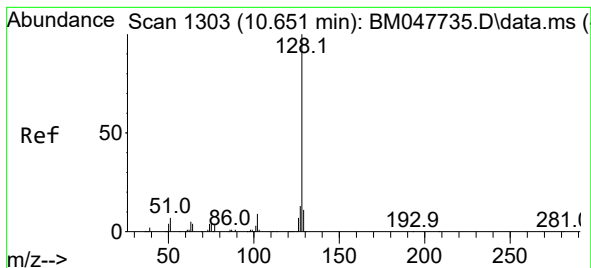
Tgt Ion: 93 Resp: 925435
Ion Ratio Lower Upper
93 100
95 32.7 27.1 40.7
123 11.5 8.2 12.4



#29
2,4-Dichlorophenol
Concen: 21.545 ng/ul
RT: 10.251 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:162 Resp: 677086
Ion Ratio Lower Upper
162 100
164 64.4 52.2 78.2
98 35.6 30.6 46.0





#30

Naphthalene

Concen: 18.999 ng/ul

RT: 10.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

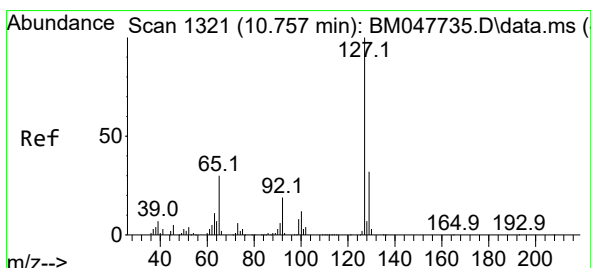
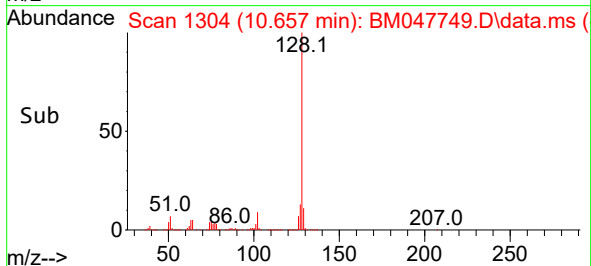
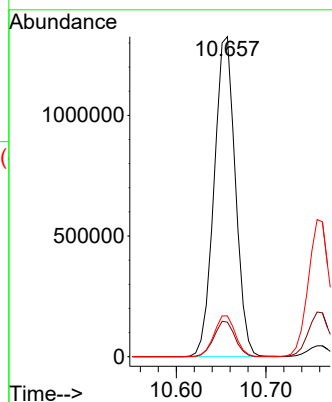
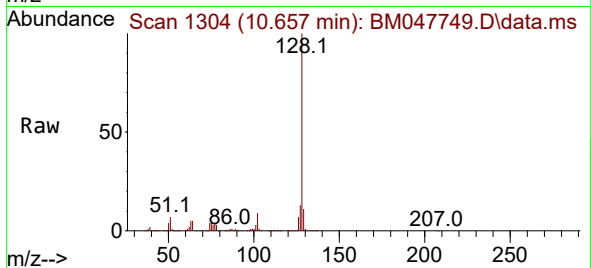
Tgt Ion:128 Resp: 2182140

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.8 10.4 15.6



#32

4-Chloroaniline

Concen: 20.498 ng/ul

RT: 10.757 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BM047749.D

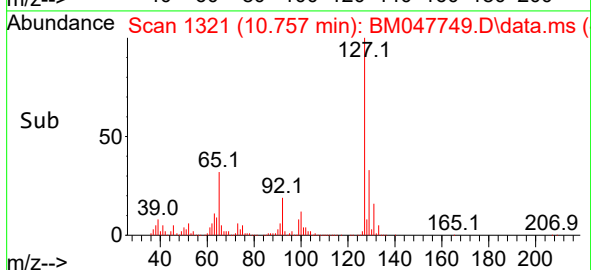
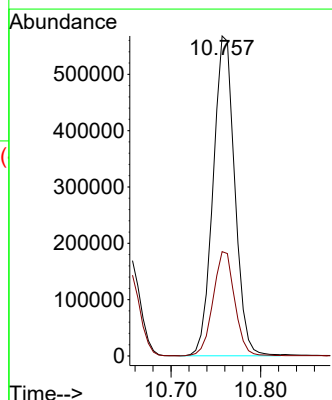
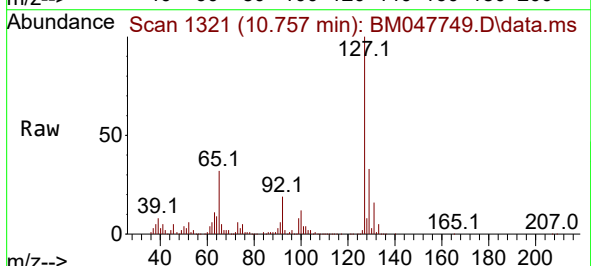
Acq: 01 Oct 2024 19:40

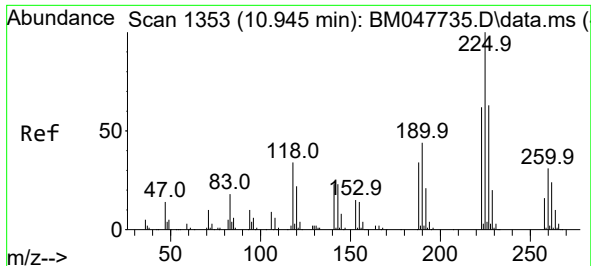
Tgt Ion:127 Resp: 949661

Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

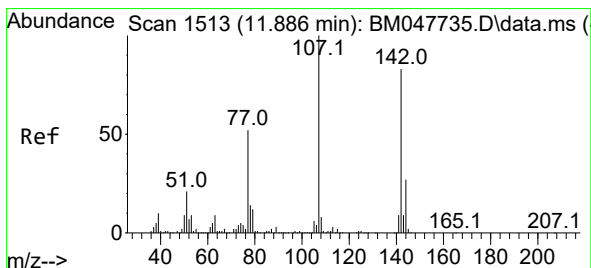
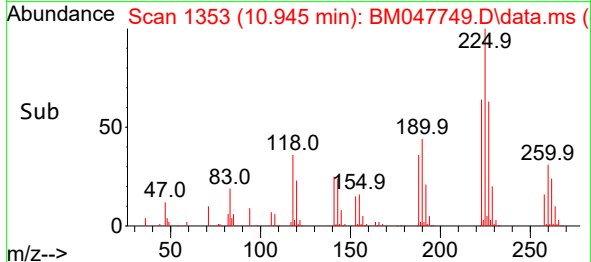
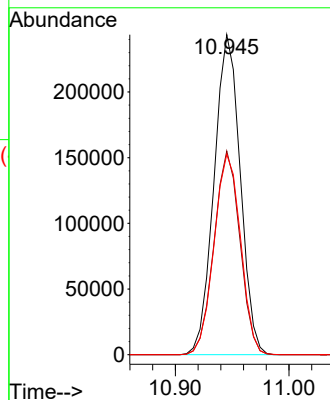
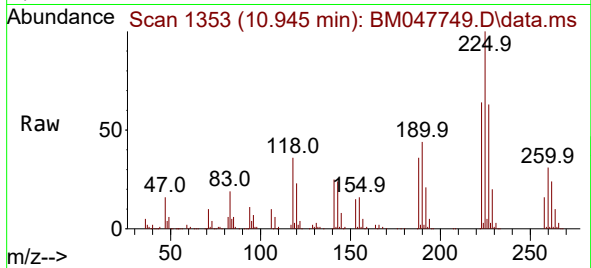




#33
Hexachlorobutadiene
Concen: 18.803 ng/ul
RT: 10.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

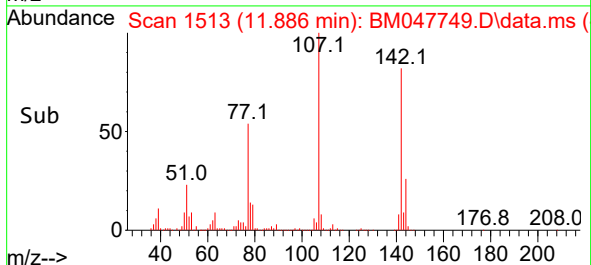
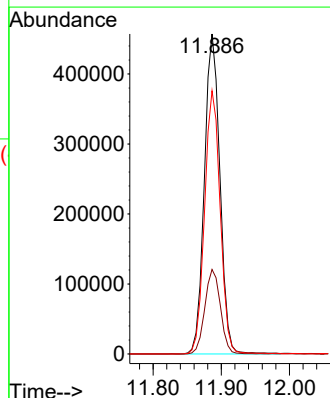
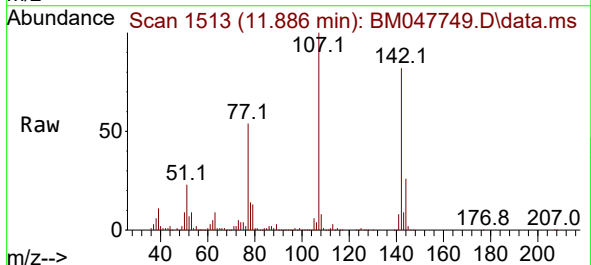
Instrument :
BNA_M
ClientSampleId :
SSTD020153

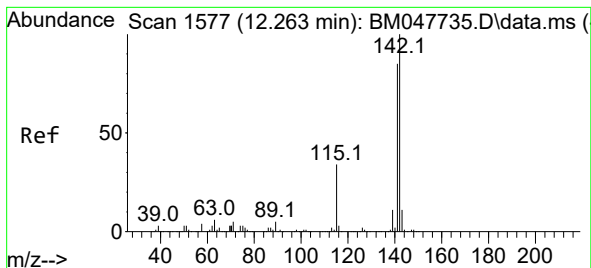
Tgt Ion:225 Resp: 390430
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 62.6 49.1 73.7



#35
4-Chloro-3-methylphenol
Concen: 22.298 ng/ul
RT: 11.886 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:107 Resp: 725393
Ion Ratio Lower Upper
107 100
144 26.4 18.7 28.1
142 82.3 62.7 94.1





#36

2-Methylnaphthalene

Concen: 21.192 ng/ul

RT: 12.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

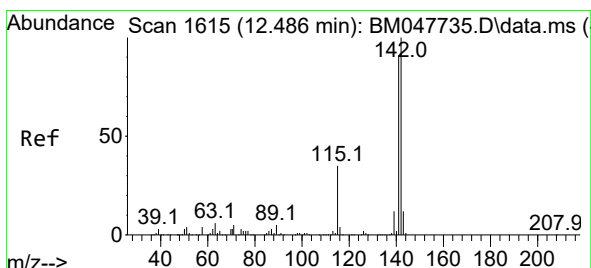
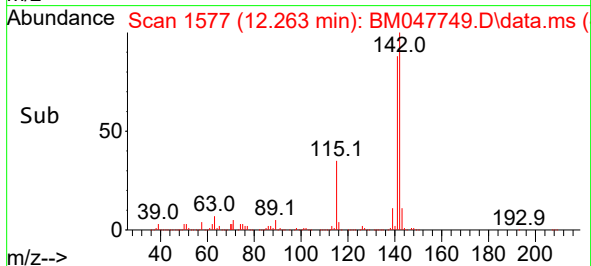
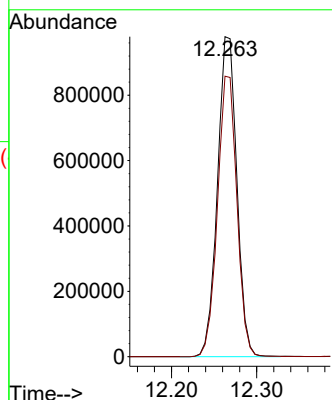
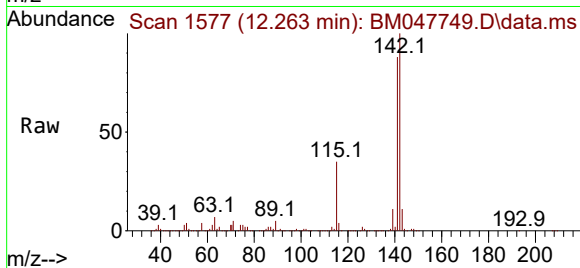
SSTD020153

Tgt Ion:142 Resp: 1546537

Ion Ratio Lower Upper

142 100

141 87.7 72.5 108.7



#37

1-Methylnaphthalene

Concen: 21.075 ng/ul

RT: 12.486 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

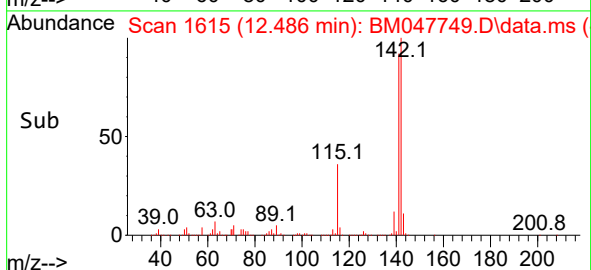
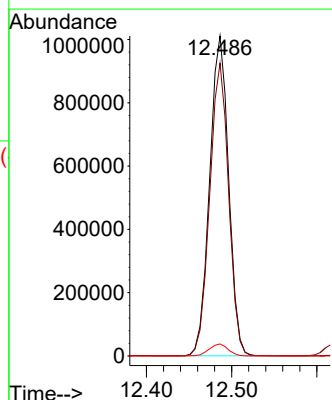
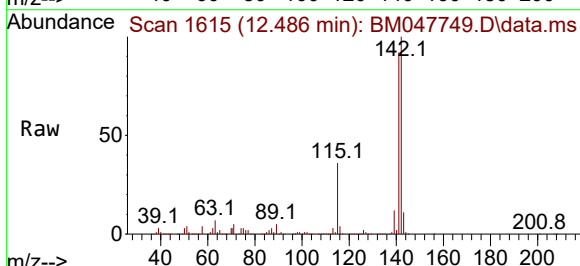
Tgt Ion:142 Resp: 1564742

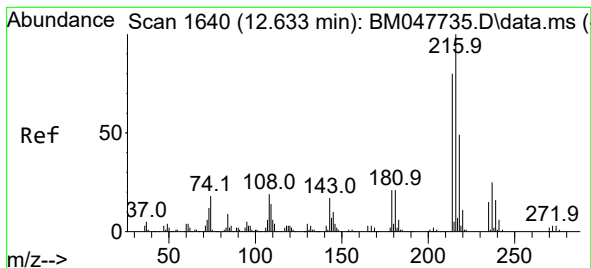
Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.2

116 3.7 3.0 4.6



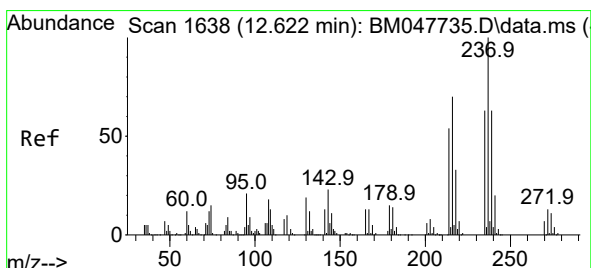
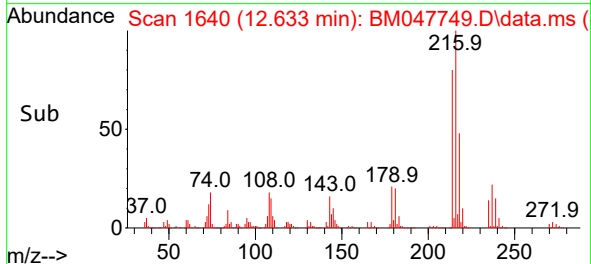
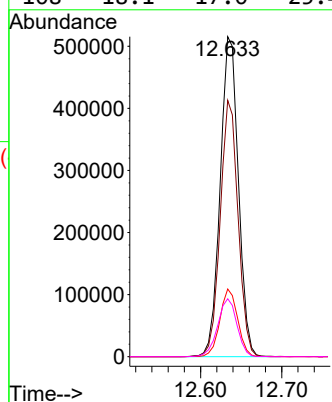
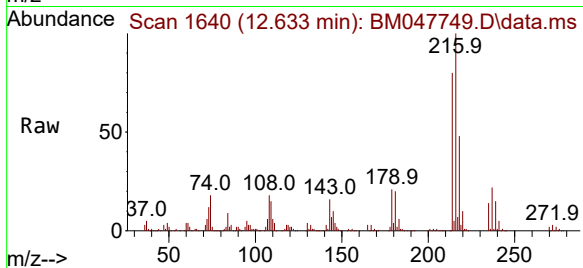


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.701 ng/ul
 RT: 12.633 min Scan# 1640
 Delta R.T. -0.006 min
 Lab File: BM047749.D
 Acq: 01 Oct 2024 19:40

Instrument :
 BNA_M
 ClientSampleId :
 SST020153

Tgt Ion:216 Resp: 803497

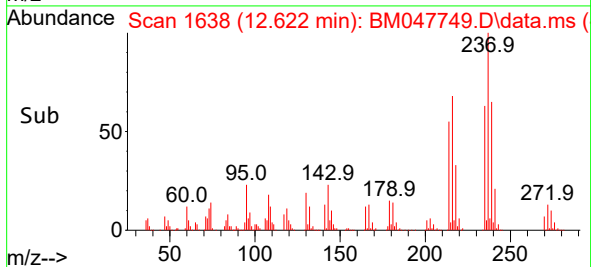
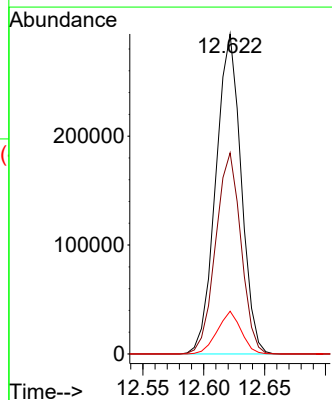
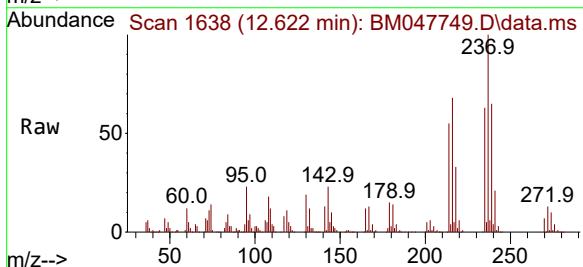
Ion	Ratio	Lower	Upper
216	100		
214	80.1	61.0	91.4
179	21.2	17.7	26.5
108	18.1	17.0	25.4

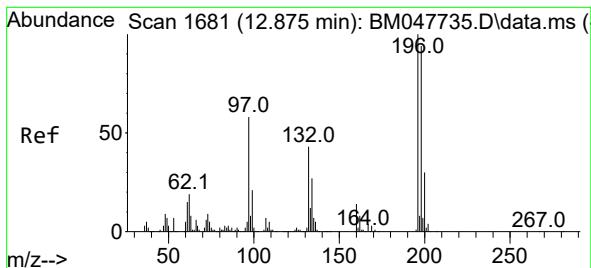


#40
 Hexachlorocyclopentadiene
 Concen: 16.352 ng/ul
 RT: 12.622 min Scan# 1638
 Delta R.T. -0.006 min
 Lab File: BM047749.D
 Acq: 01 Oct 2024 19:40

Tgt Ion:237 Resp: 424933

Ion	Ratio	Lower	Upper
237	100		
235	62.9	49.8	74.6
272	13.4	9.7	14.5





#41

2,4,6-Trichlorophenol

Concen: 21.690 ng/ul

RT: 12.874 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

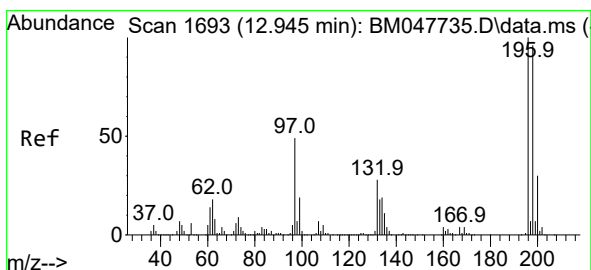
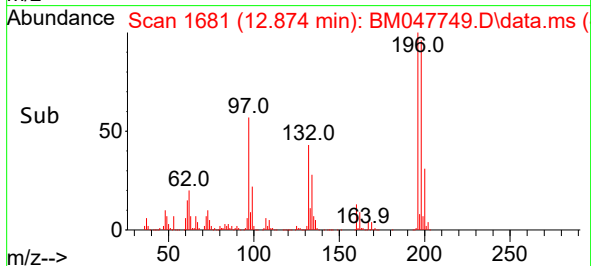
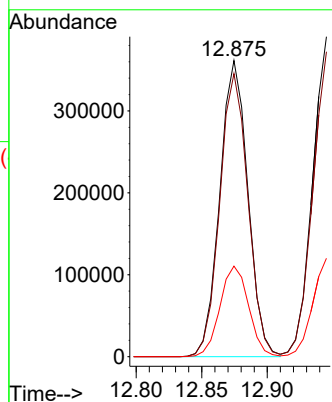
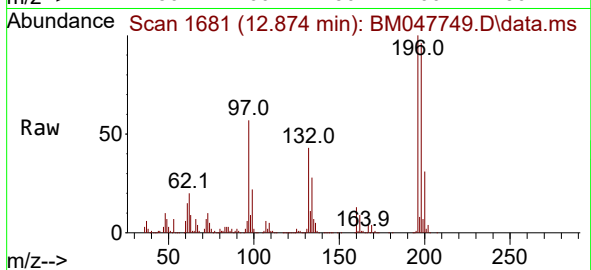
Tgt Ion:196 Resp: 539181

Ion Ratio Lower Upper

196 100

198 95.6 77.1 115.7

200 30.6 24.5 36.7



#42

2,4,5-Trichlorophenol

Concen: 21.577 ng/ul

RT: 12.945 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

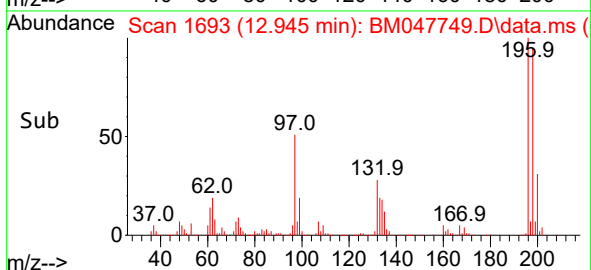
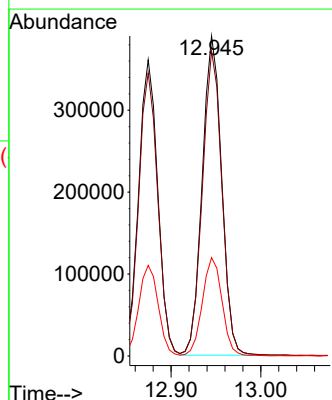
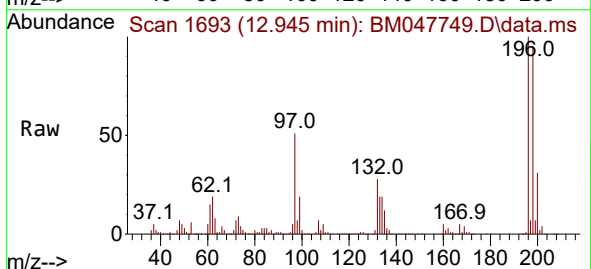
Tgt Ion:196 Resp: 586545

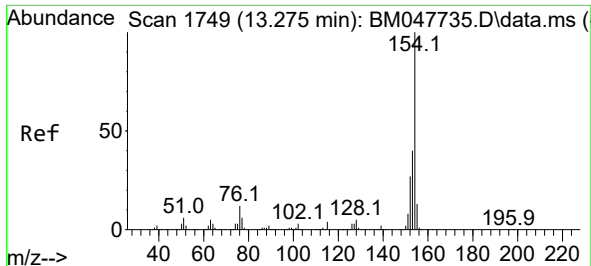
Ion Ratio Lower Upper

196 100

198 95.3 79.5 119.3

200 30.8 25.8 38.8

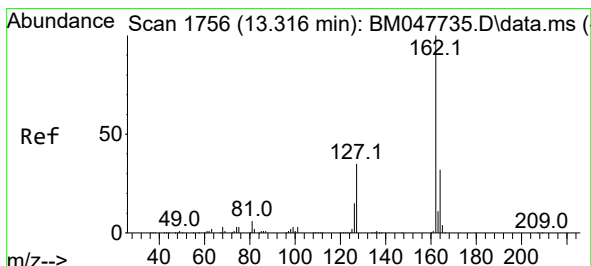
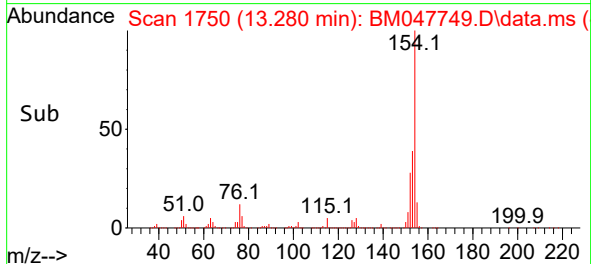
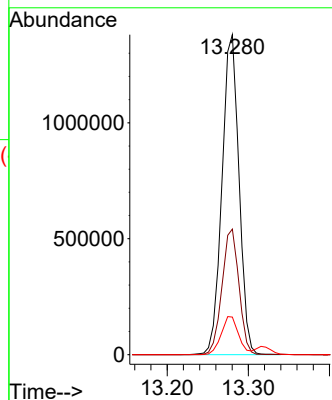
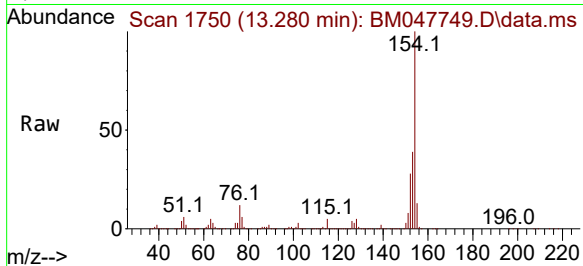




#43
1,1'-Biphenyl
Concen: 19.061 ng/ul
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

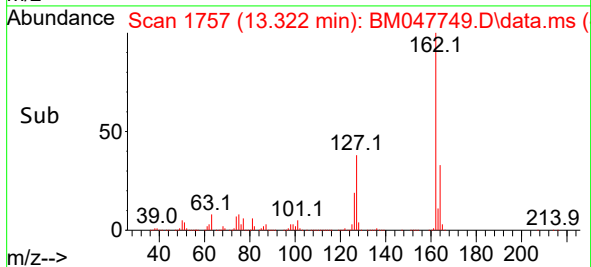
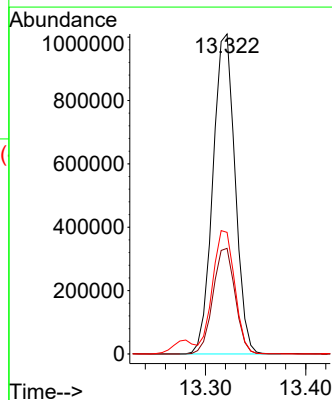
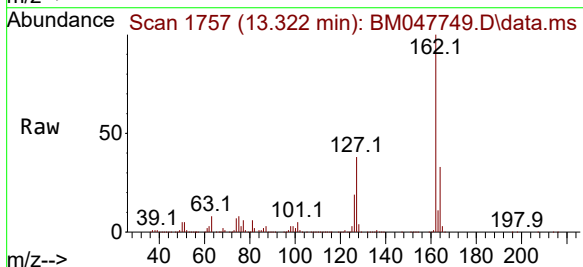
Instrument :
BNA_M
ClientSampleId :
SSTD020153

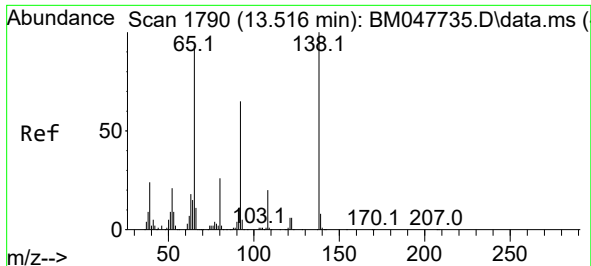
Tgt Ion:154 Resp: 2014290
Ion Ratio Lower Upper
154 100
153 39.2 31.1 46.7
76 11.8 12.1 18.1#



#44
2-Chloronaphthalene
Concen: 18.985 ng/ul
RT: 13.322 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:162 Resp: 1551609
Ion Ratio Lower Upper
162 100
164 33.0 25.3 37.9
127 38.0 32.9 49.3

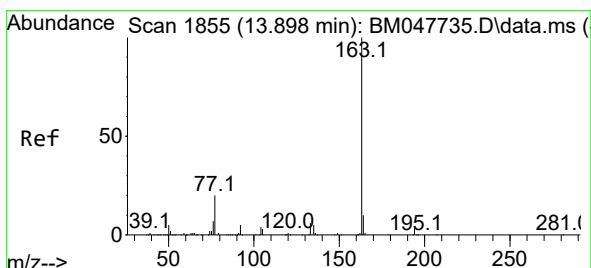
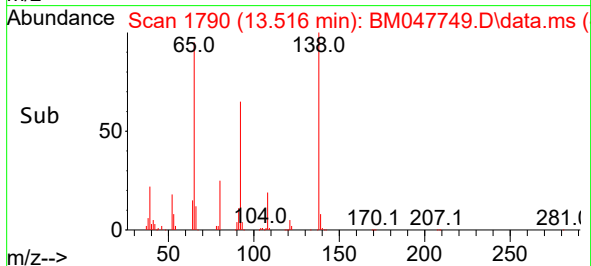
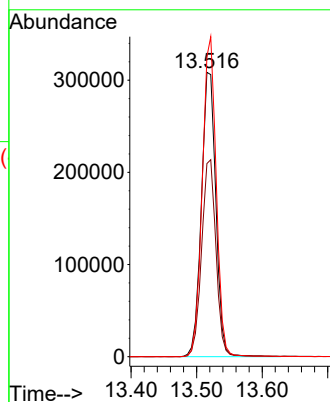
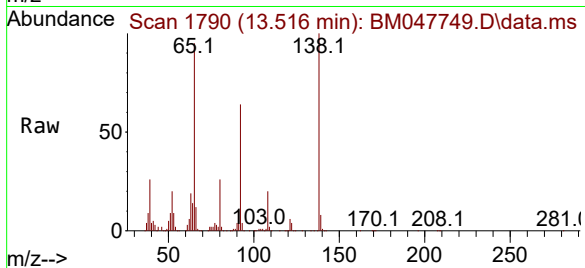




#45
2-Nitroaniline
Concen: 18.286 ng/ul
RT: 13.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

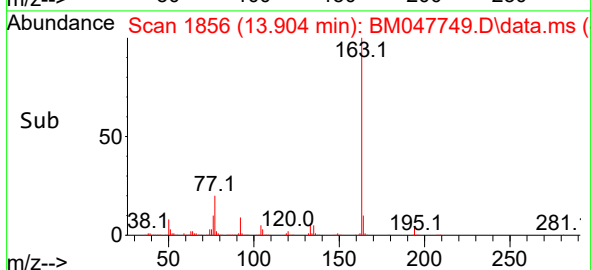
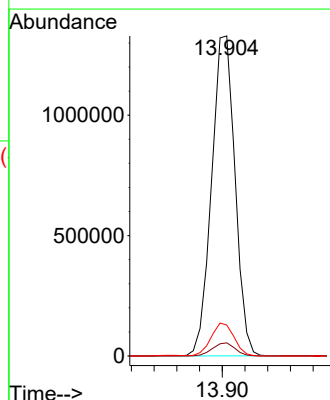
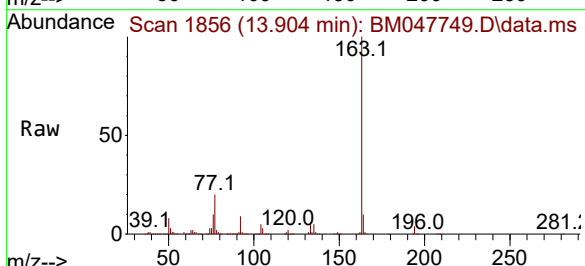
Instrument :
BNA_M
ClientSampleId :
SSTD020153

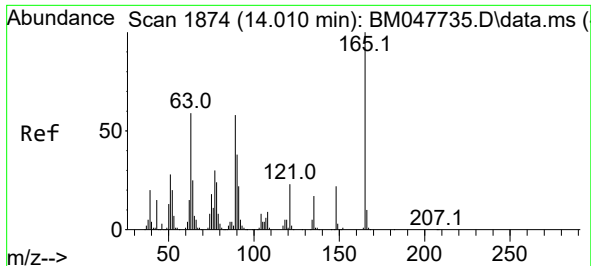
Tgt Ion: 65 Resp: 474430
Ion Ratio Lower Upper
65 100
92 67.9 49.1 73.7
138 105.5 67.6 101.4#



#47
Dimethylphthalate
Concen: 19.660 ng/ul
RT: 13.904 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:163 Resp: 1905242
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.7 7.8 11.6

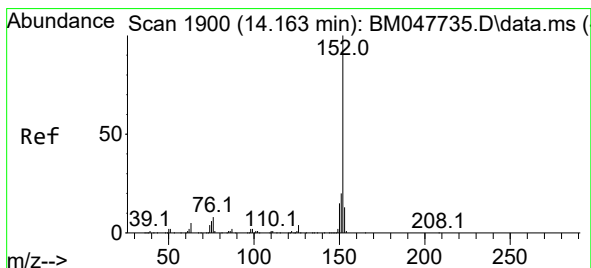
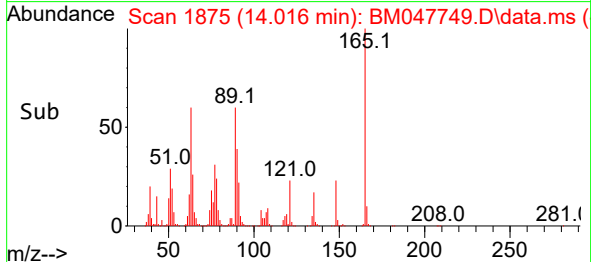
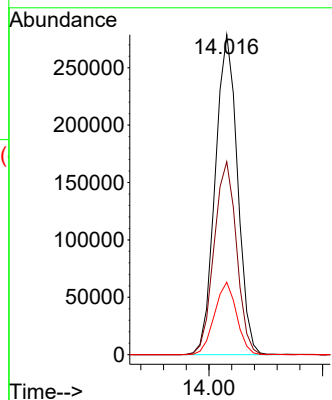
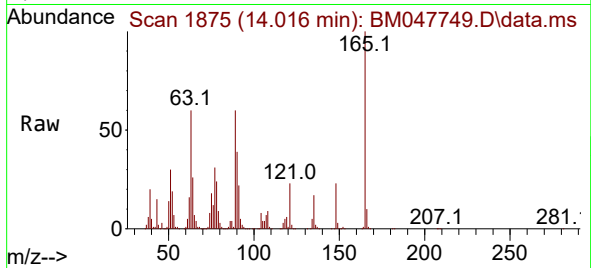




#48
2,6-Dinitrotoluene
Concen: 22.357 ng/ul
RT: 14.016 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

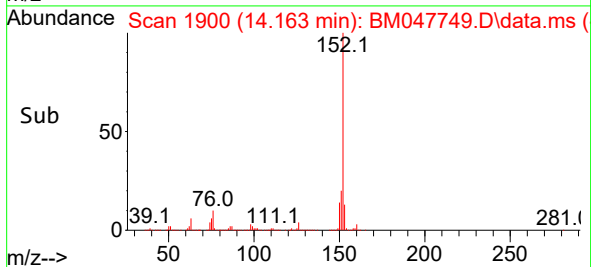
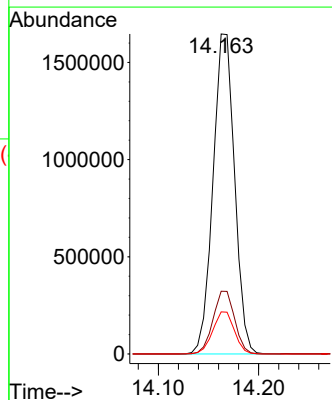
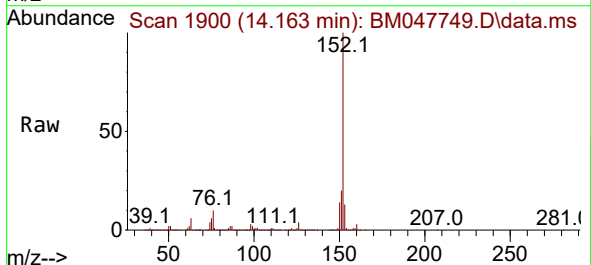
Instrument :
BNA_M
ClientSampleId :
SSTD020153

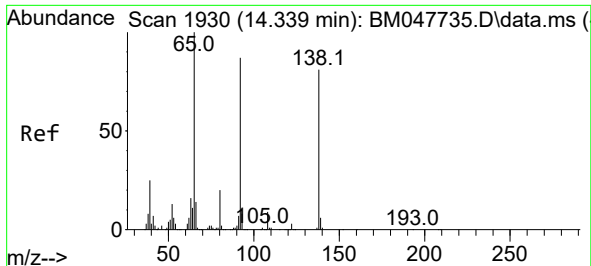
Tgt Ion:165 Resp: 380501
Ion Ratio Lower Upper
165 100
89 60.3 58.5 87.7
121 22.6 20.2 30.2



#50
Acenaphthylene
Concen: 19.219 ng/ul
RT: 14.163 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:152 Resp: 2459085
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.2 10.7 16.1

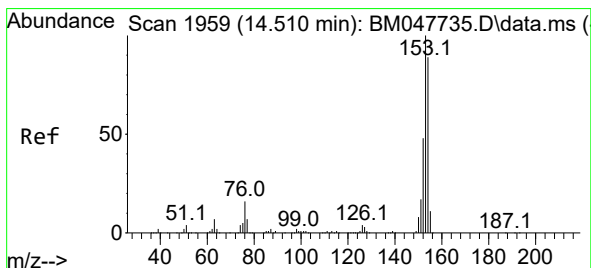
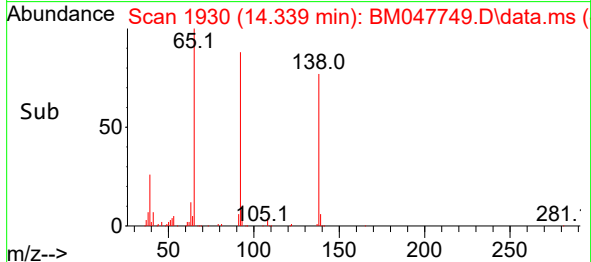
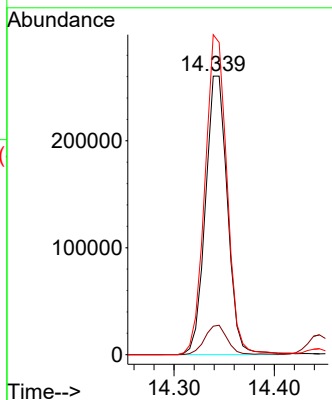
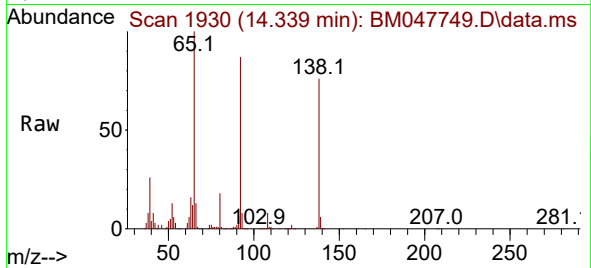




#51
3-Nitroaniline
Concen: 19.314 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

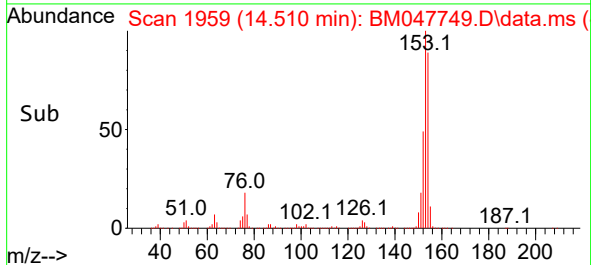
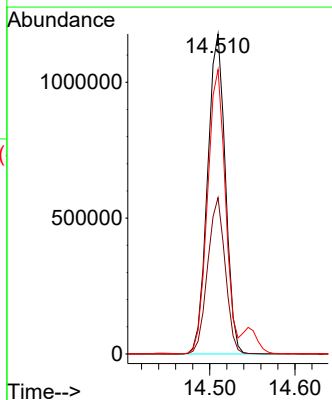
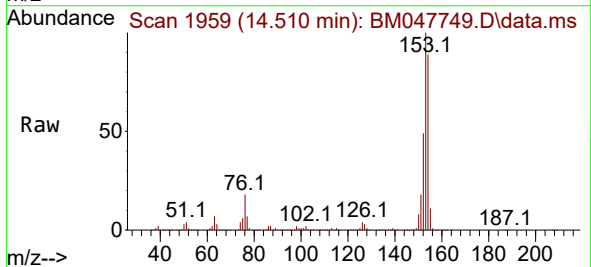
Instrument :
BNA_M
ClientSampleId :
SSTD020153

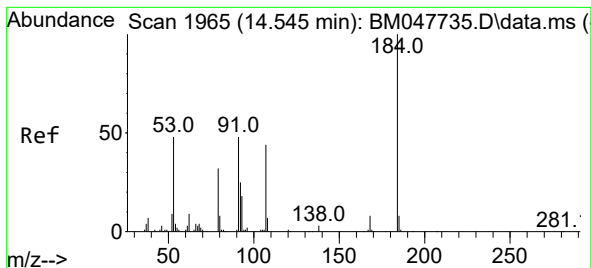
Tgt Ion:138 Resp: 397844
Ion Ratio Lower Upper
138 100
108 10.2 9.0 13.6
92 114.9 101.5 152.3



#52
Acenaphthene
Concen: 18.908 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:153 Resp: 1710178
Ion Ratio Lower Upper
153 100
152 48.9 39.7 59.5
154 88.9 72.6 108.8

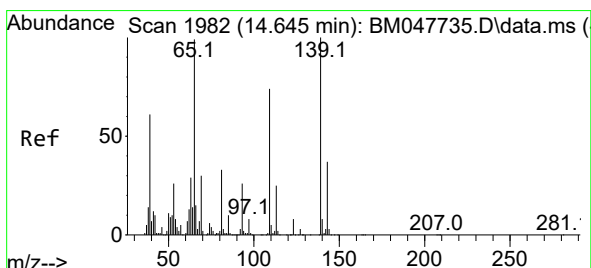
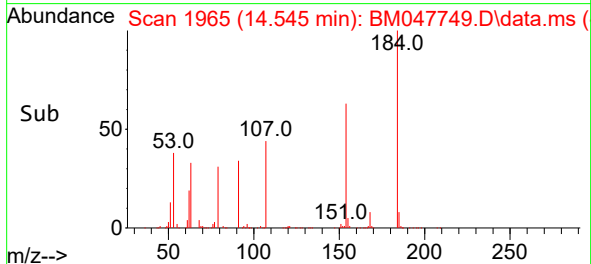
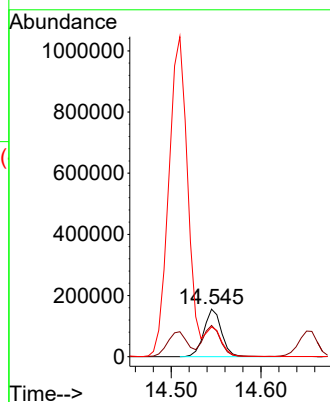
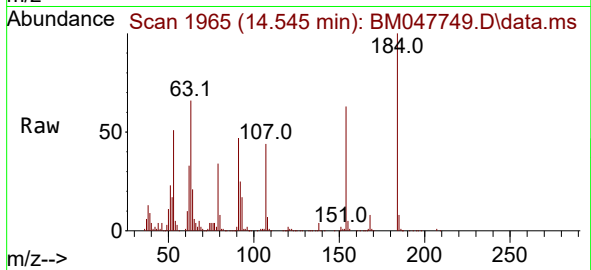




#53
2,4-Dinitrophenol
Concen: 20.136 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

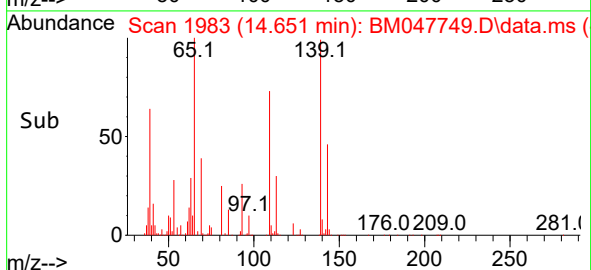
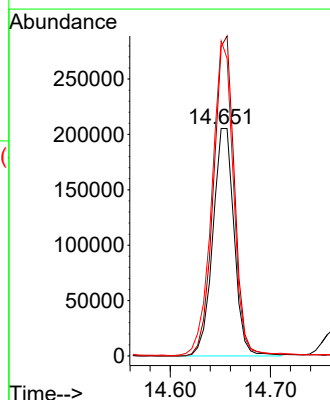
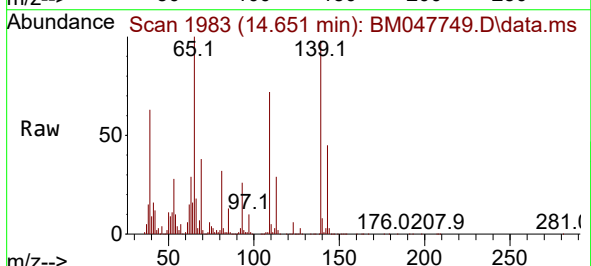
Instrument :
BNA_M
ClientSampleId :
SSTD020153

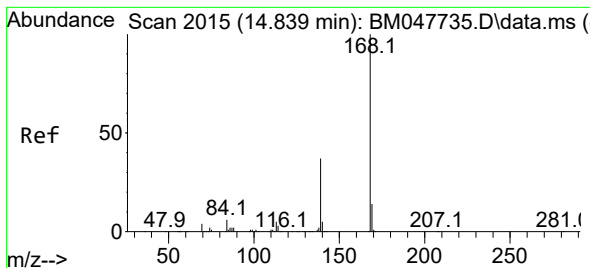
Tgt Ion:184 Resp: 211760
Ion Ratio Lower Upper
184 100
63 65.7 77.5 116.3#
154 62.7 55.8 83.6



#55
4-Nitrophenol
Concen: 18.872 ng/ul
RT: 14.651 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:109 Resp: 301880
Ion Ratio Lower Upper
109 100
139 136.0 105.7 158.5
65 138.5 123.1 184.7

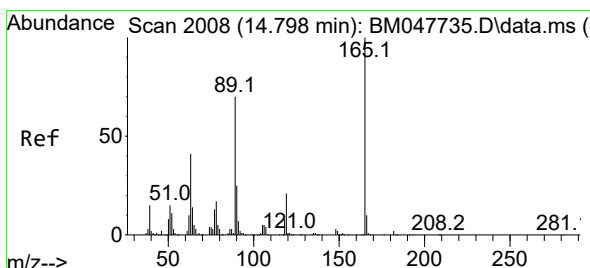
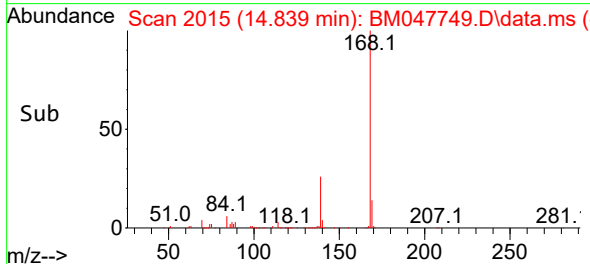
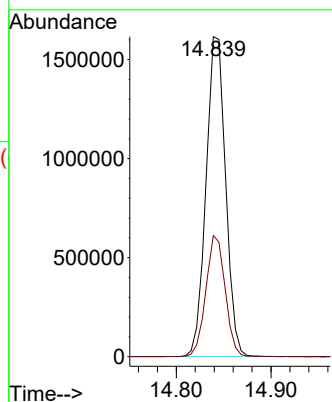
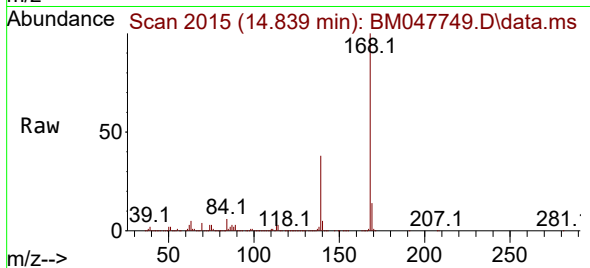




#56
 Dibenzenofuran
 Concen: 19.064 ng/ul
 RT: 14.839 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BM047749.D
 Acq: 01 Oct 2024 19:40

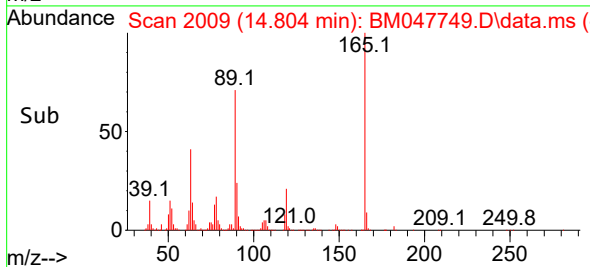
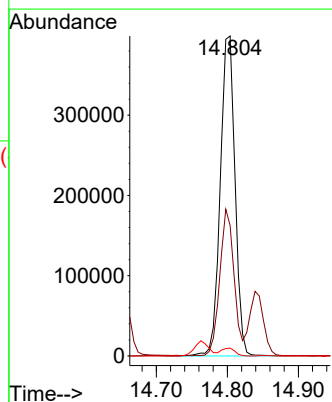
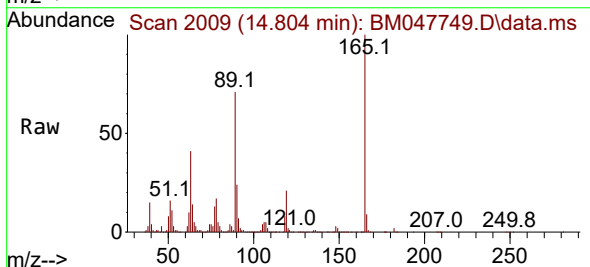
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020153

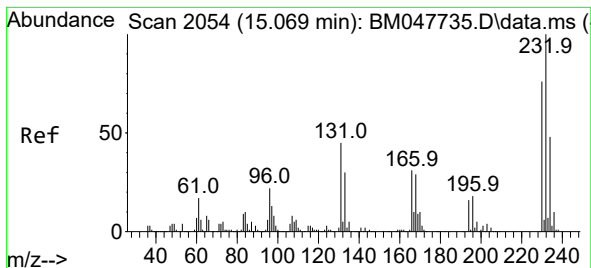
Tgt Ion:168 Resp: 2320966
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.0 46.6



#57
 2,4-Dinitrotoluene
 Concen: 22.397 ng/ul
 RT: 14.804 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: BM047749.D
 Acq: 01 Oct 2024 19:40

Tgt Ion:165 Resp: 572518
 Ion Ratio Lower Upper
 165 100
 63 40.8 45.8 68.6#
 182 2.4 1.7 2.5

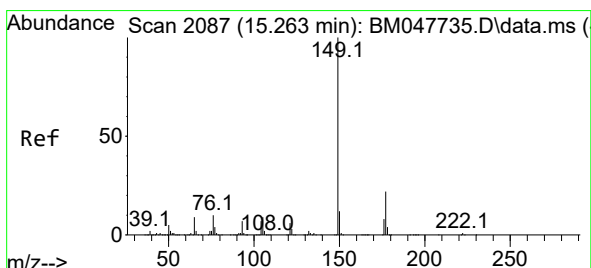
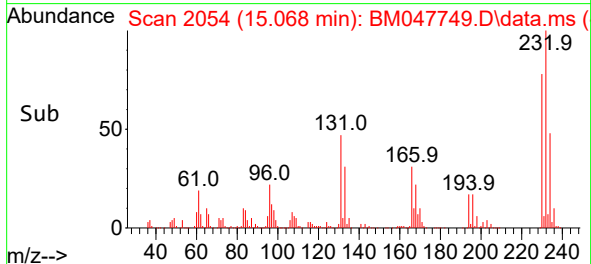
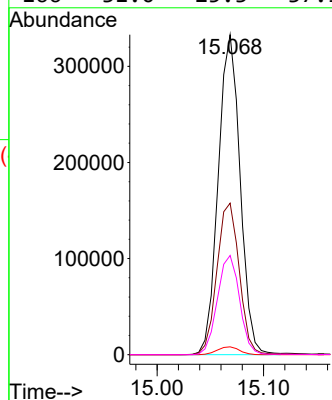
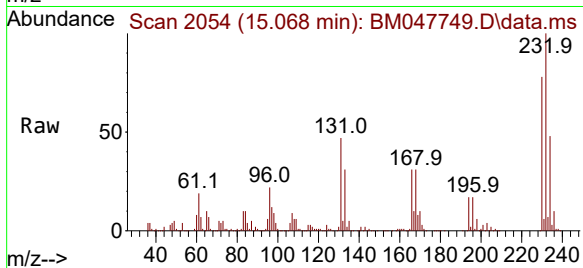




#58
2,3,4,6-Tetrachlorophenol
Concen: 22.159 ng/ul
RT: 15.068 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

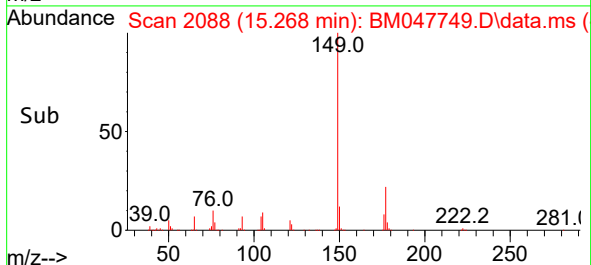
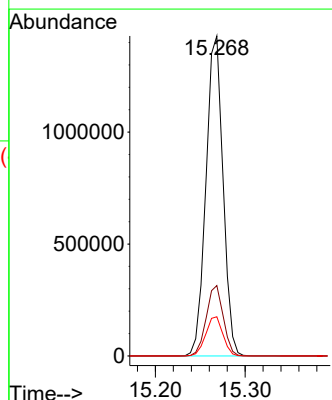
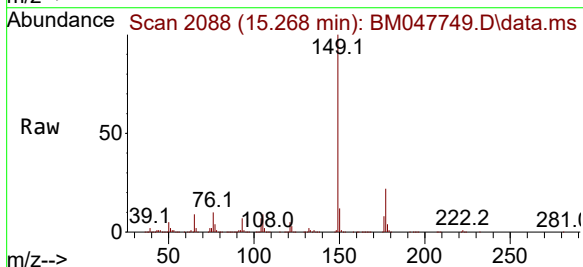
Instrument :
BNA_M
ClientSampleId :
SSTD020153

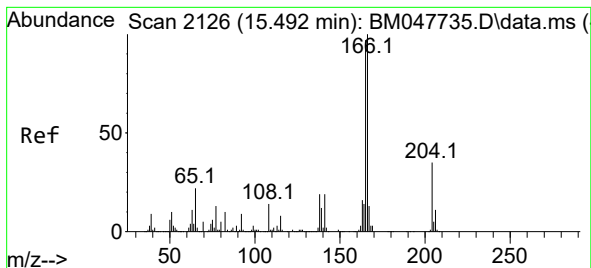
Tgt Ion:232 Resp: 474815
Ion Ratio Lower Upper
232 100
131 47.4 40.2 60.4
130 2.5 2.6 4.0#
166 31.0 25.3 37.9



#59
Diethylphthalate
Concen: 19.460 ng/ul
RT: 15.268 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:149 Resp: 1886869
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 12.2 9.2 13.8





#61

Fluorene

Concen: 18.460 ng/ul

RT: 15.492 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

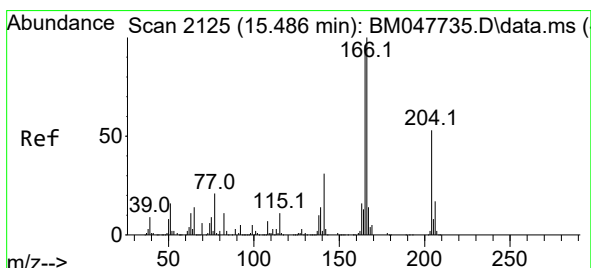
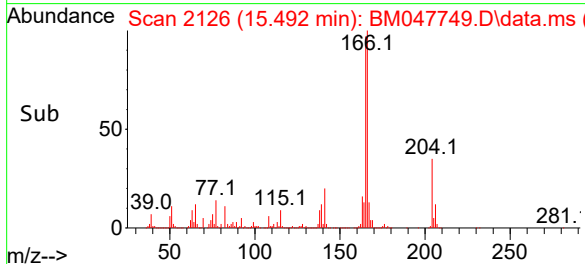
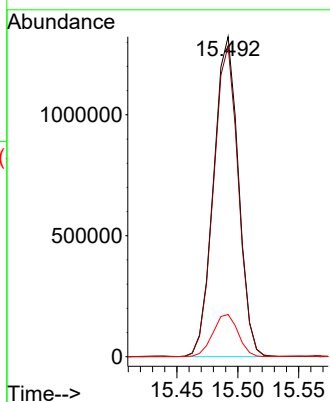
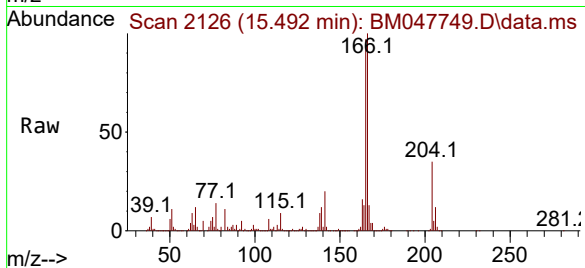
Tgt Ion:166 Resp: 1875092

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.6

167 13.2 10.8 16.2



#62

4-Chlorophenyl-phenylether

Concen: 18.818 ng/ul

RT: 15.486 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

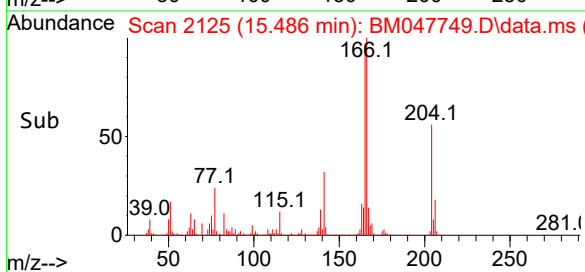
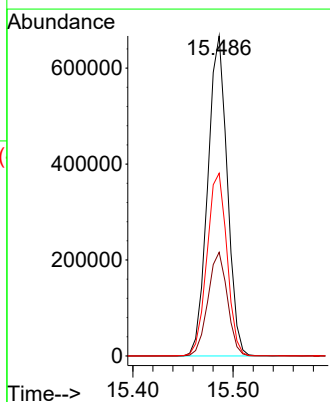
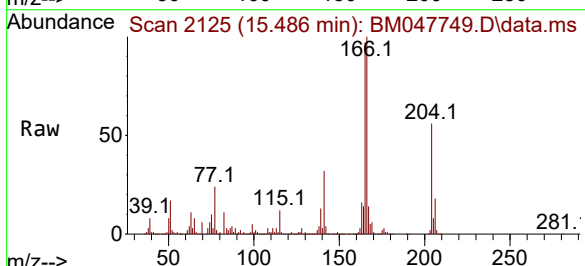
Tgt Ion:204 Resp: 903182

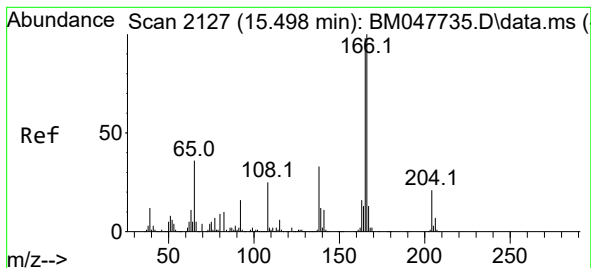
Ion Ratio Lower Upper

204 100

206 32.4 27.0 40.4

141 57.1 49.2 73.8

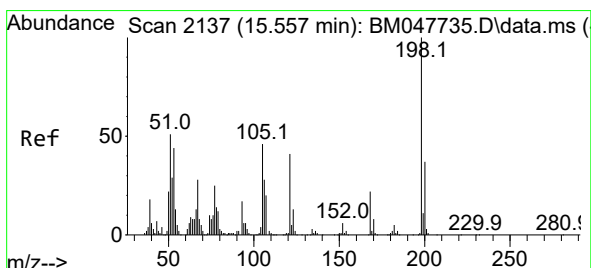
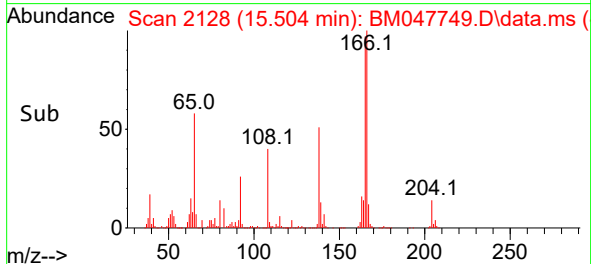
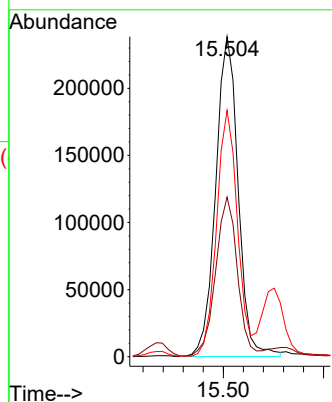
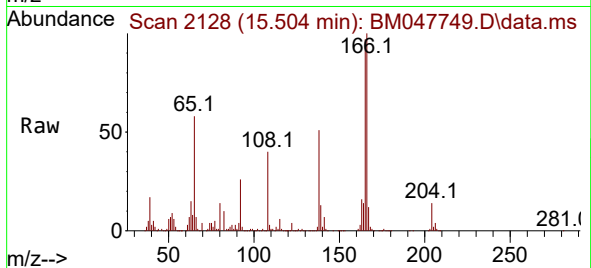




#63
4-Nitroaniline
Concen: 18.492 ng/ul
RT: 15.504 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

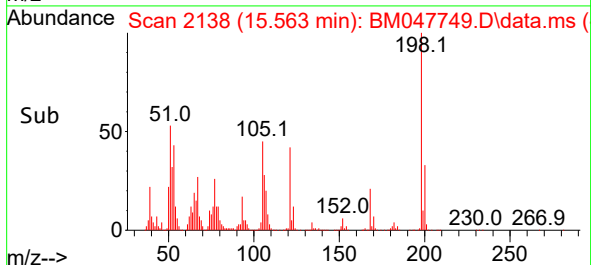
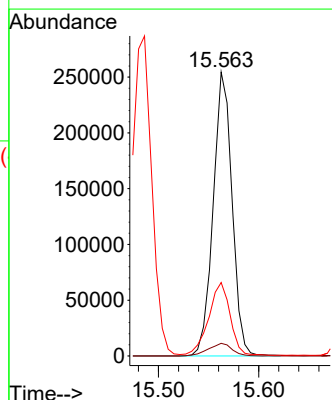
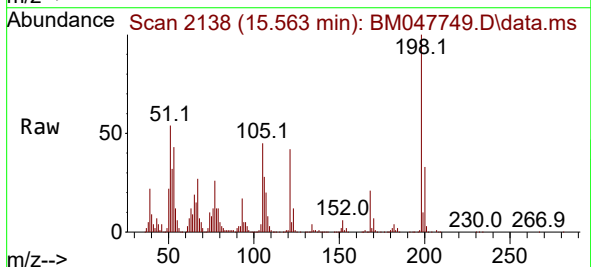
Instrument :
BNA_M
ClientSampleId :
SSTD020153

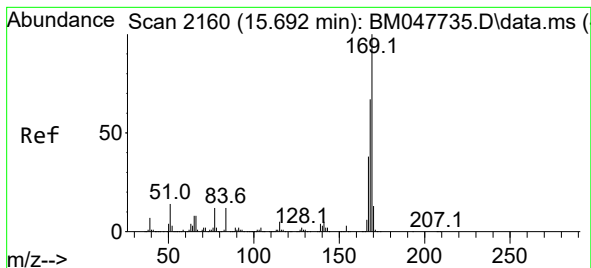
Tgt Ion:138 Resp: 369932
Ion Ratio Lower Upper
138 100
92 49.9 44.9 67.3
108 76.9 62.4 93.6



#66
4,6-Dinitro-2-methylphenol
Concen: 19.299 ng/ul
RT: 15.563 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:198 Resp: 333468
Ion Ratio Lower Upper
198 100
182 4.5 5.1 7.7#
77 25.9 26.2 39.2#





#67

N-Nitrosodiphenylamine

Concen: 18.781 ng/ul

RT: 15.698 min Scan# 2161

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

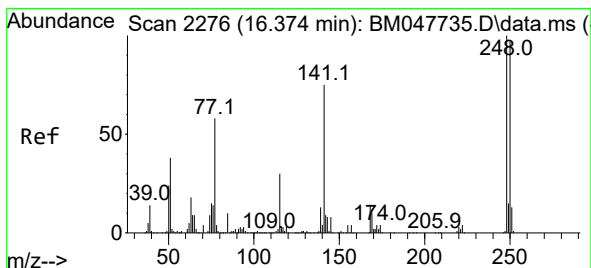
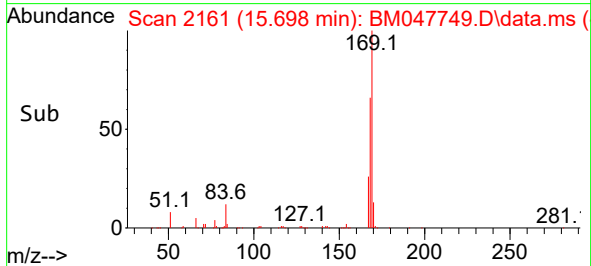
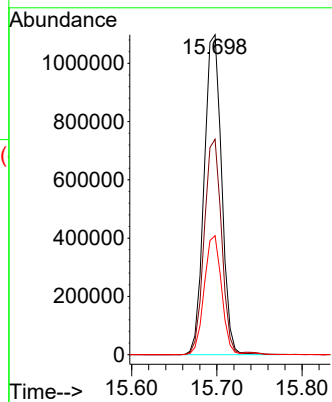
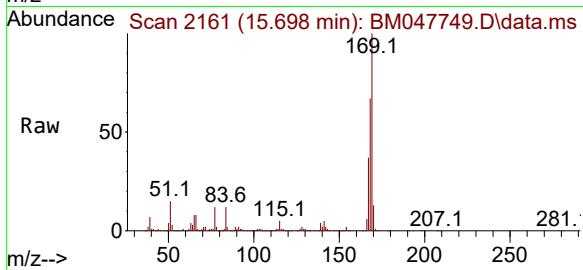
Tgt Ion:169 Resp: 1559486

Ion Ratio Lower Upper

169 100

168 67.3 53.5 80.3

167 37.2 30.0 45.0



#68

4-Bromophenyl-phenylether

Concen: 19.809 ng/ul

RT: 16.374 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

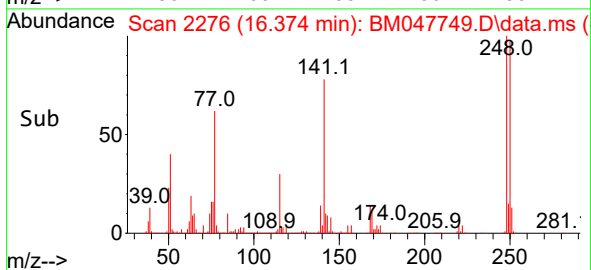
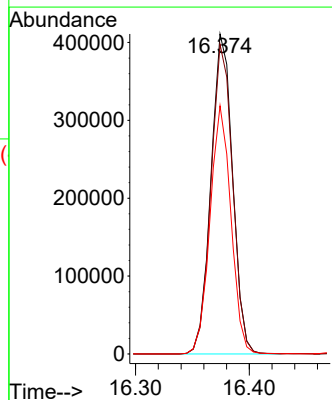
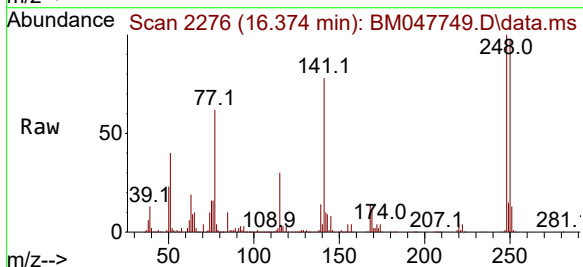
Tgt Ion:248 Resp: 544091

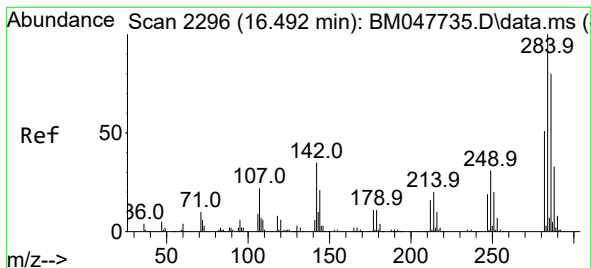
Ion Ratio Lower Upper

248 100

250 96.8 76.5 114.7

141 77.5 60.8 91.2





#69

Hexachlorobenzene

Concen: 19.768 ng/ul

RT: 16.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

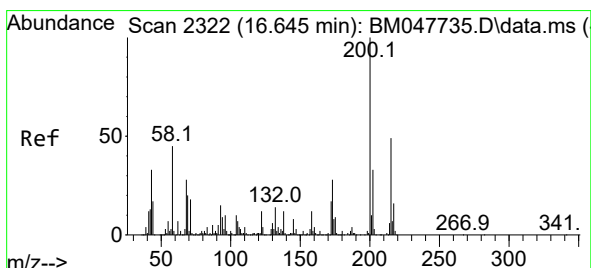
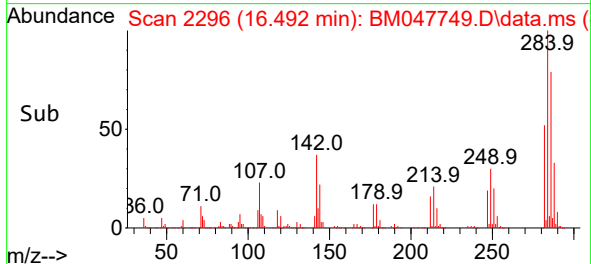
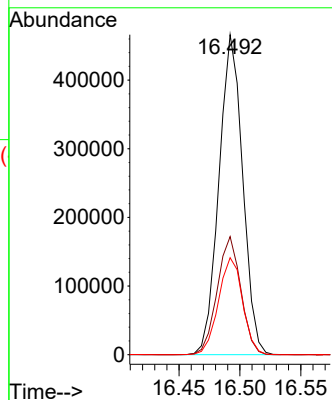
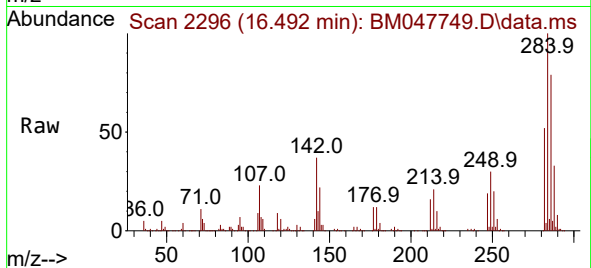
Tgt Ion:284 Resp: 631878

Ion Ratio Lower Upper

284 100

142 36.9 32.4 48.6

249 30.3 26.3 39.5



#70

Atrazine

Concen: 18.817 ng/ul

RT: 16.645 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

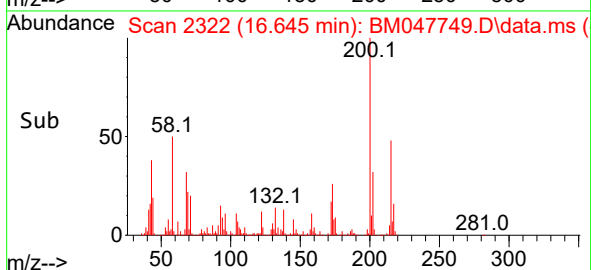
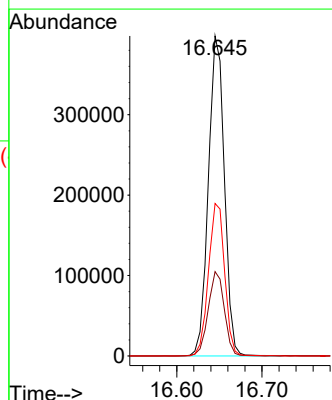
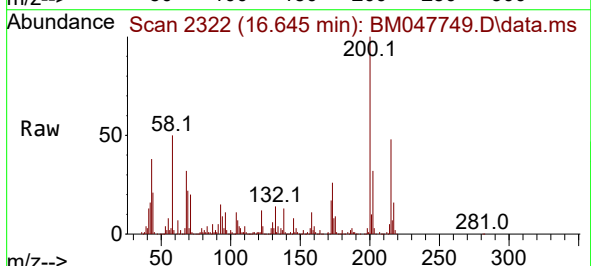
Tgt Ion:200 Resp: 520129

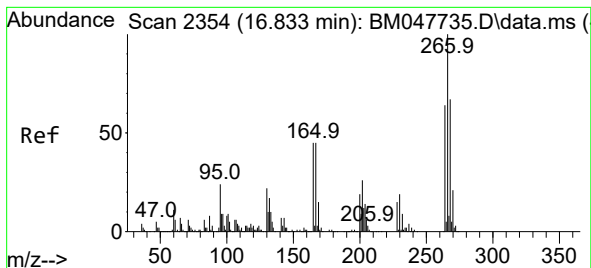
Ion Ratio Lower Upper

200 100

173 26.3 20.2 30.2

215 47.6 39.4 59.2





#71

Pentachlorophenol

Concen: 21.430 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

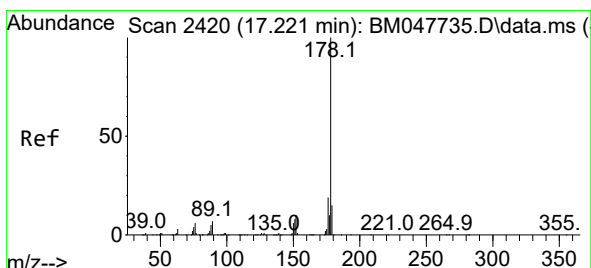
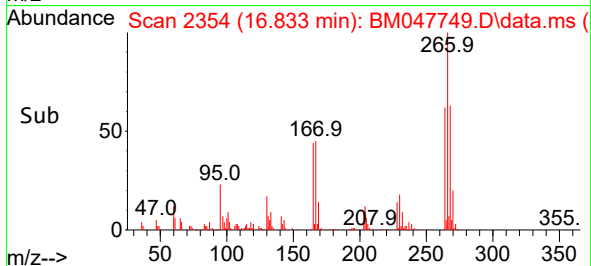
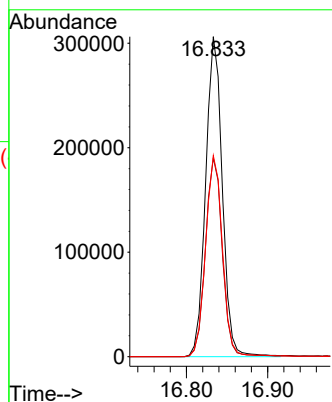
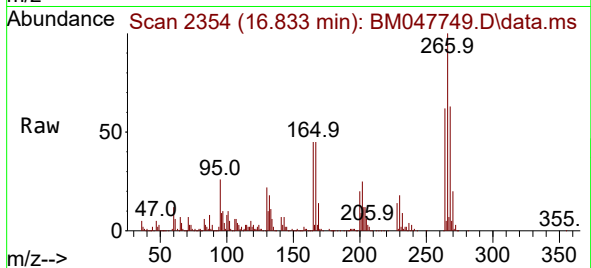
Tgt Ion:266 Resp: 435574

Ion Ratio Lower Upper

266 100

264 62.1 50.2 75.2

268 62.9 50.9 76.3



#72

Phenanthrene

Concen: 18.662 ng/ul

RT: 17.227 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

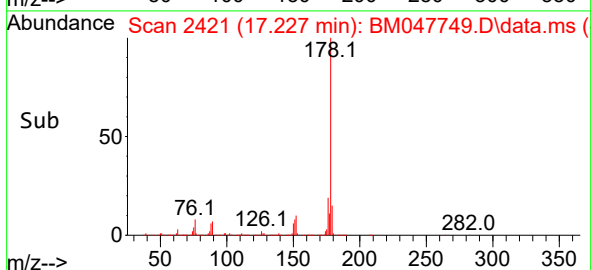
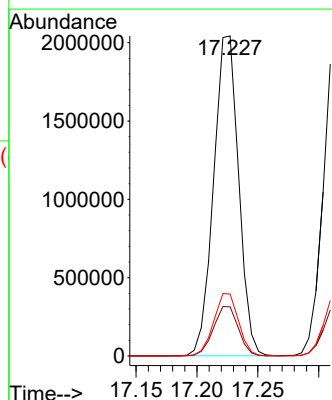
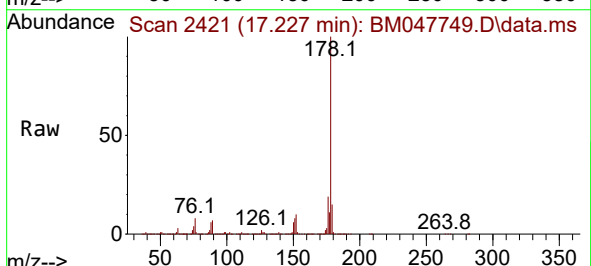
Tgt Ion:178 Resp: 2916204

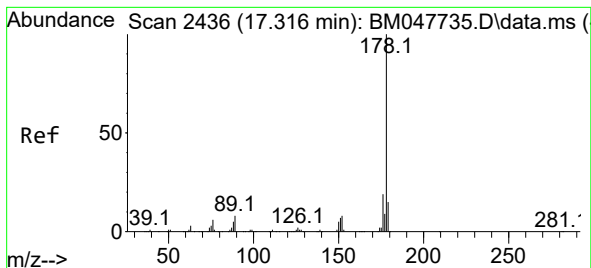
Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

176 19.4 15.4 23.0





#74

Anthracene

Concen: 18.547 ng/uI

RT: 17.315 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

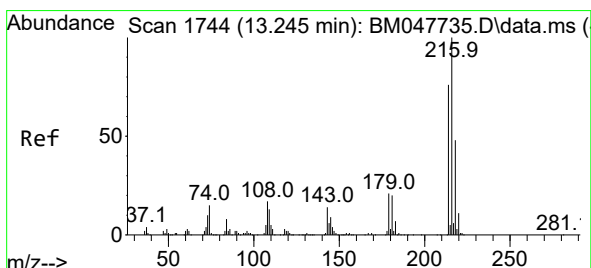
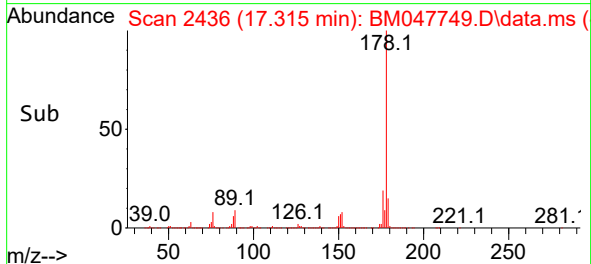
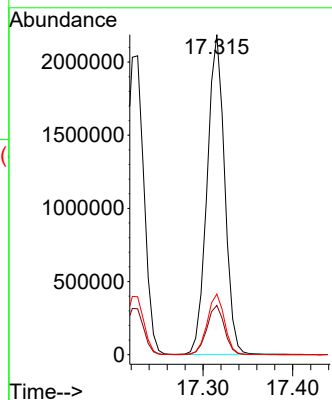
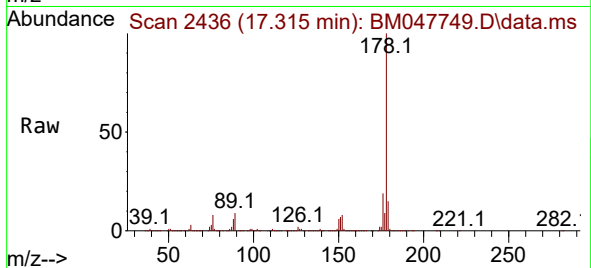
Tgt Ion:178 Resp: 2956173

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.0 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.295 ng/uI

RT: 13.245 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

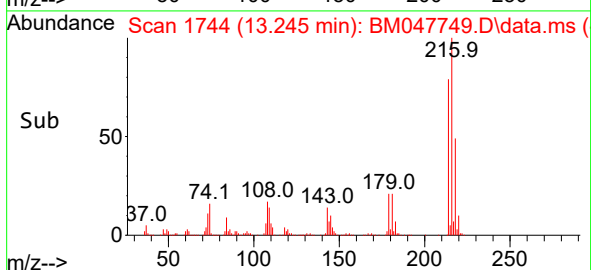
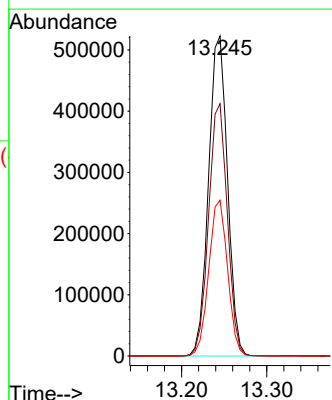
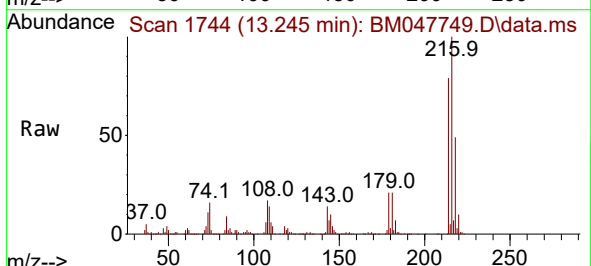
Tgt Ion:216 Resp: 807186

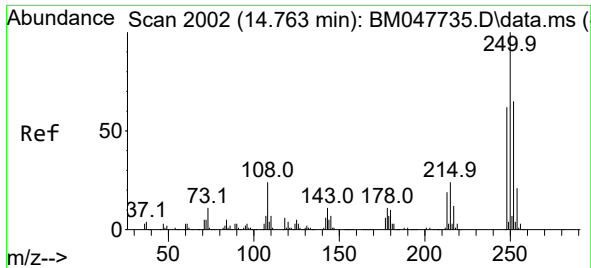
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

218 48.7 37.6 56.4

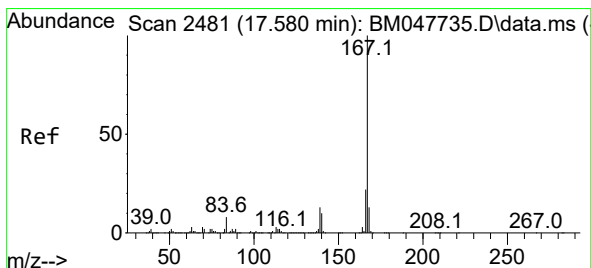
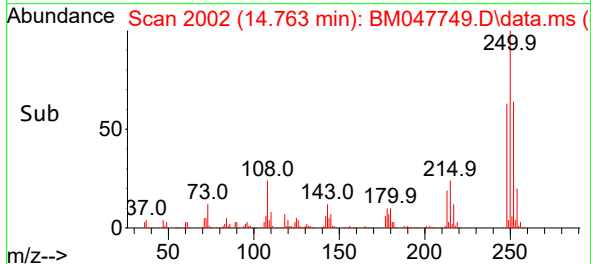
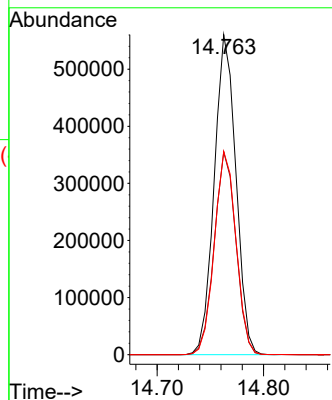
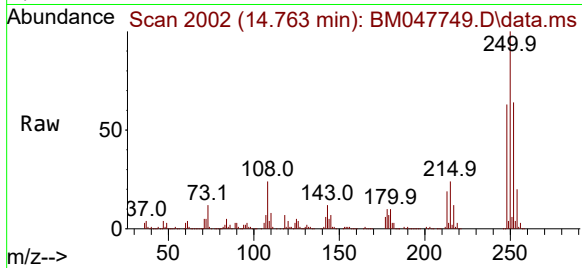




#76
Pentachlorobenzene
Concen: 18.390 ng/uL
RT: 14.763 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

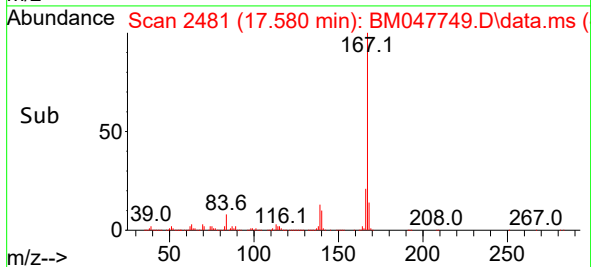
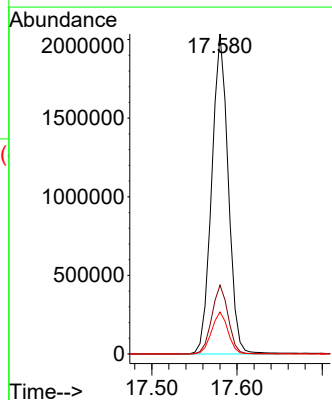
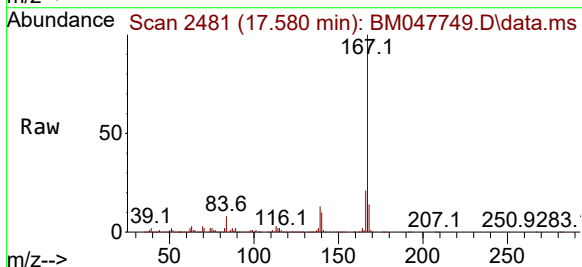
Instrument :
BNA_M
ClientSampleId :
SSTD020153

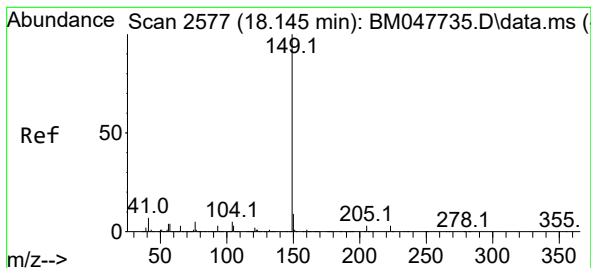
Tgt Ion:250 Resp: 791979
Ion Ratio Lower Upper
250 100
248 63.3 50.2 75.2
252 63.6 49.4 74.0



#77
Carbazole
Concen: 18.935 ng/uL
RT: 17.580 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:167 Resp: 2735466
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 13.1 10.9 16.3





#78

Di-n-butylphthalate

Concen: 19.983 ng/ul

RT: 18.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

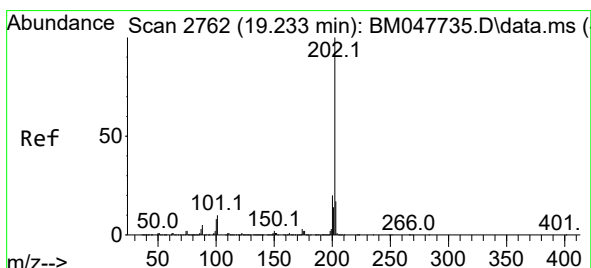
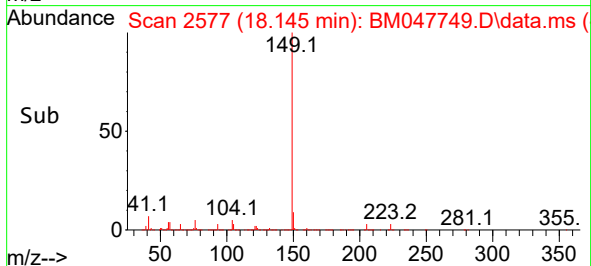
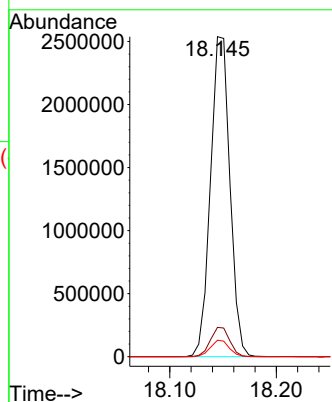
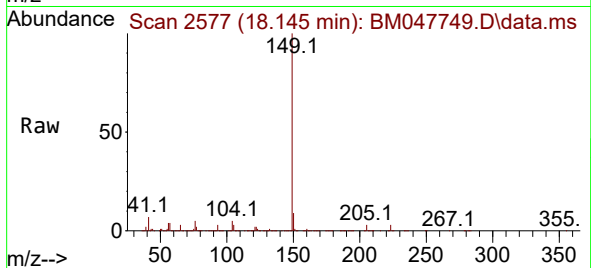
Tgt Ion:149 Resp: 3213951

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.2 4.6 7.0



#80

Fluoranthene

Concen: 20.317 ng/ul

RT: 19.233 min Scan# 2762

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

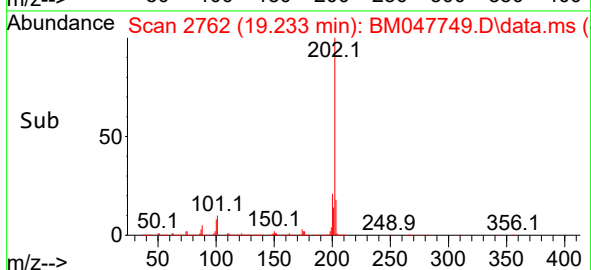
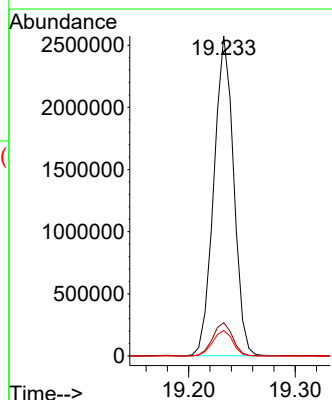
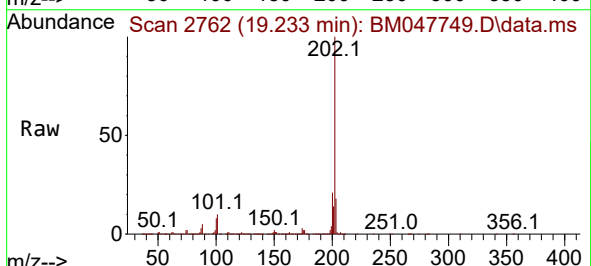
Tgt Ion:202 Resp: 3324003

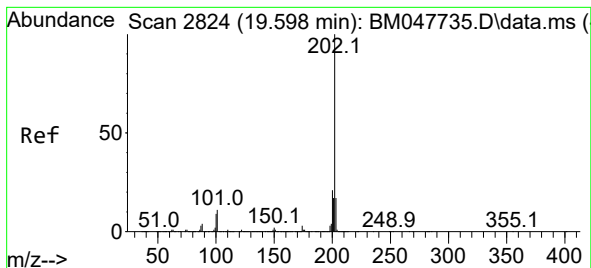
Ion Ratio Lower Upper

202 100

101 10.4 9.0 13.4

100 8.0 6.8 10.2





#82

Pyrene

Concen: 19.700 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

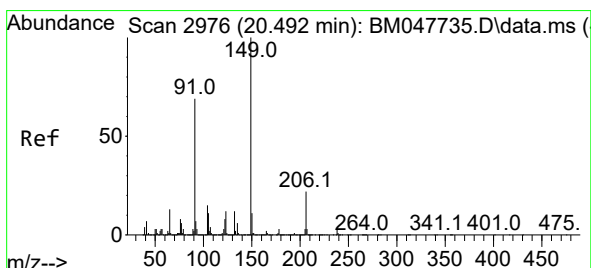
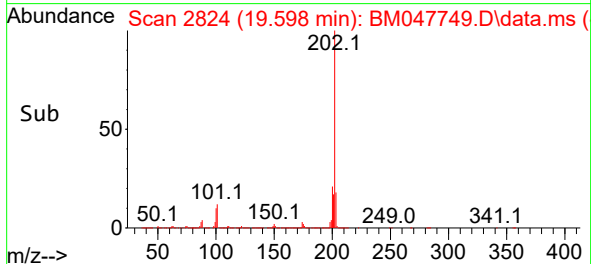
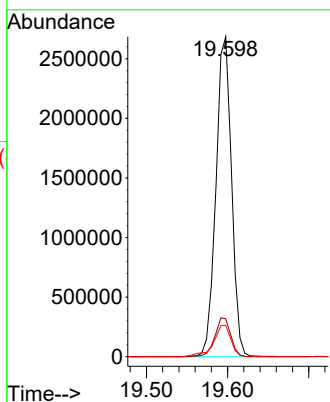
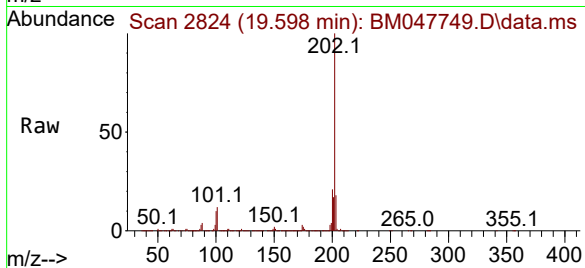
Tgt Ion:202 Resp: 3587192

Ion Ratio Lower Upper

202 100

101 11.9 10.9 16.3

100 9.8 9.4 14.2



#83

Butylbenzylphthalate

Concen: 22.504 ng/ul

RT: 20.492 min Scan# 2976

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

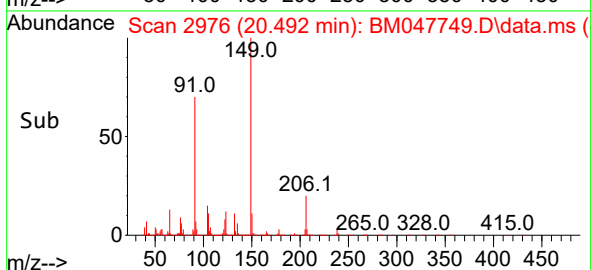
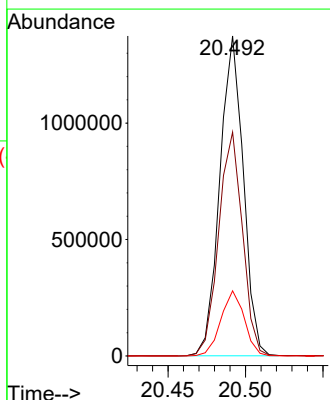
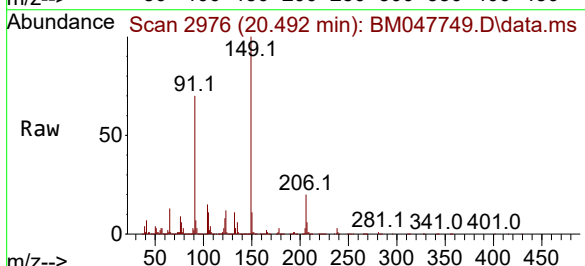
Tgt Ion:149 Resp: 1448681

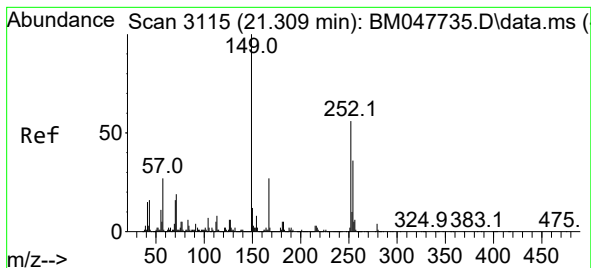
Ion Ratio Lower Upper

149 100

91 69.9 66.9 100.3

206 20.3 14.4 21.6

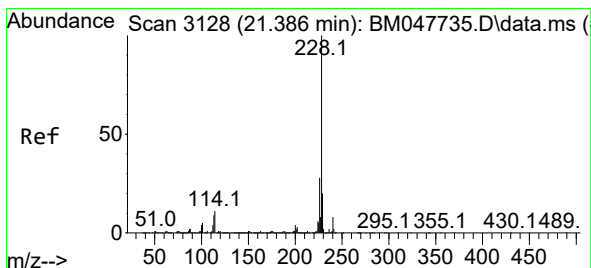
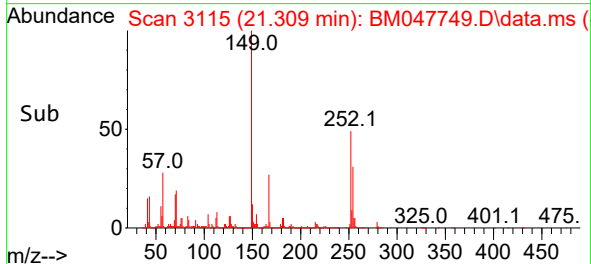
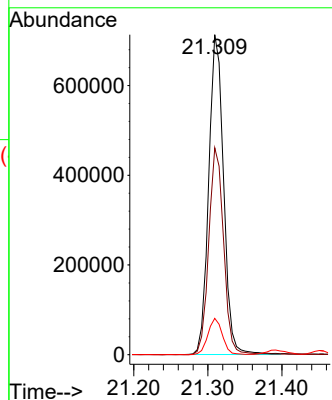
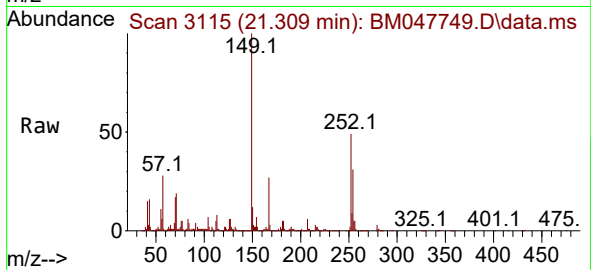




#84
3,3'-Dichlorobenzidine
Concen: 19.240 ng/ul
RT: 21.309 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

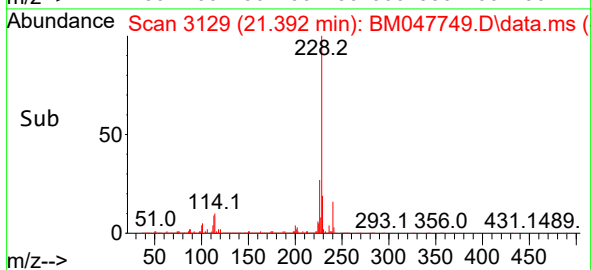
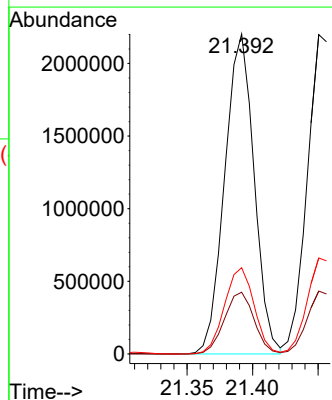
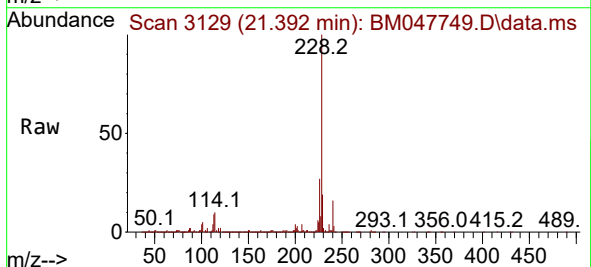
Instrument :
BNA_M
ClientSampleId :
SSTD020153

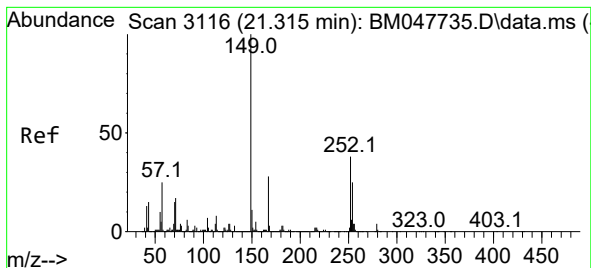
Tgt Ion:252 Resp: 995047
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 11.4 9.4 14.0



#85
Benzo(a)anthracene
Concen: 20.037 ng/ul
RT: 21.392 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BM047749.D
Acq: 01 Oct 2024 19:40

Tgt Ion:228 Resp: 3433746
Ion Ratio Lower Upper
228 100
229 19.3 15.6 23.4
226 27.0 21.9 32.9

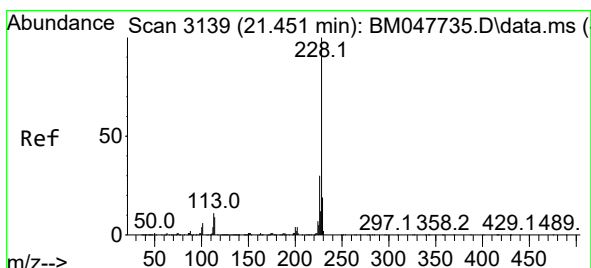
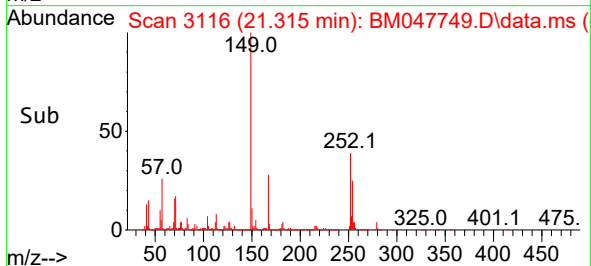
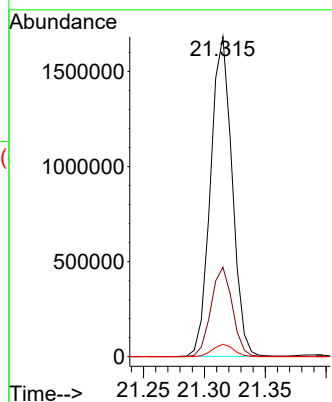
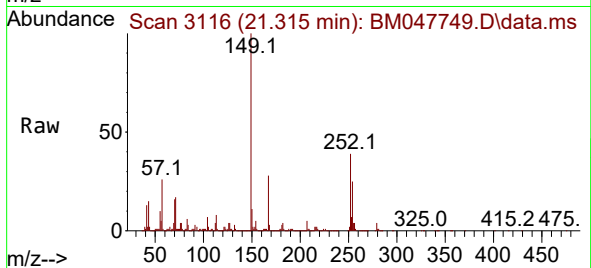




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 21.427 ng/ul
 RT: 21.315 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM047749.D
 Acq: 01 Oct 2024 19:40

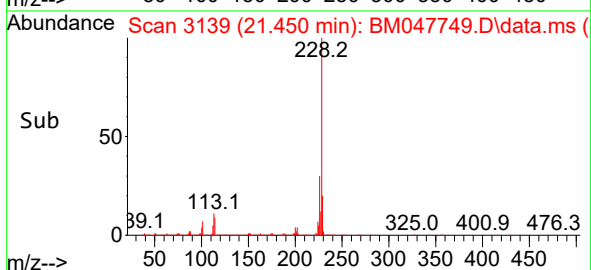
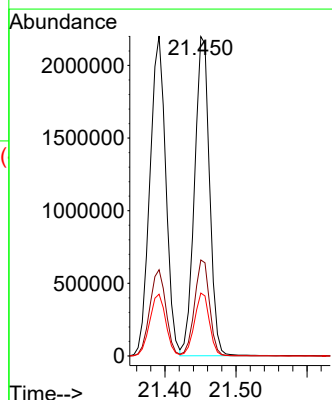
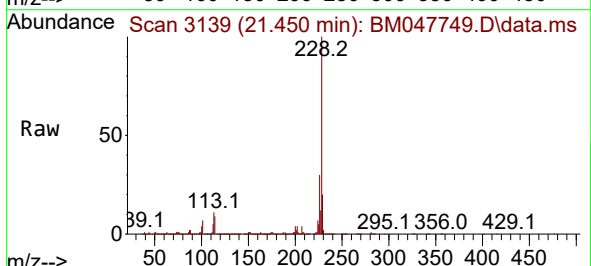
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020153

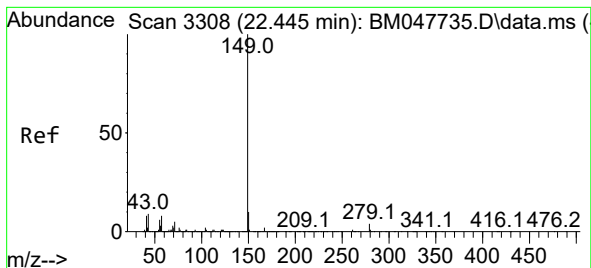
Tgt Ion:149 Resp: 2070914
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.3 31.9
 279 3.9 2.7 4.1



#87
 Chrysene
 Concen: 19.354 ng/ul
 RT: 21.450 min Scan# 3139
 Delta R.T. -0.000 min
 Lab File: BM047749.D
 Acq: 01 Oct 2024 19:40

Tgt Ion:228 Resp: 3233456
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.6 35.4
 229 19.7 15.3 22.9





#89

Di-n-octyl phthalate

Concen: 19.125 ng/ul

RT: 22.450 min Scan# 3308

Delta R.T. -0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

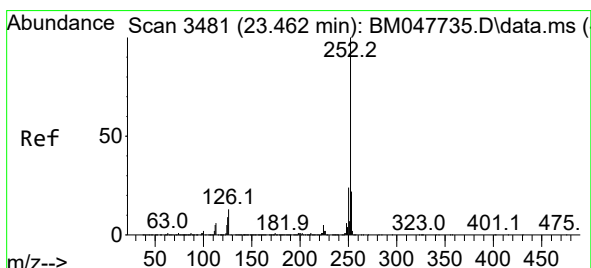
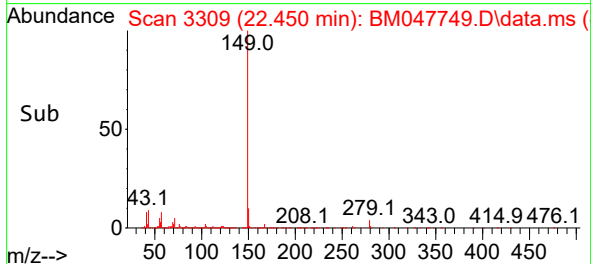
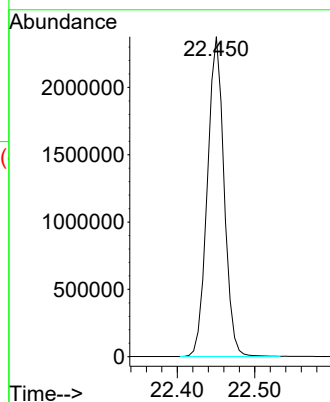
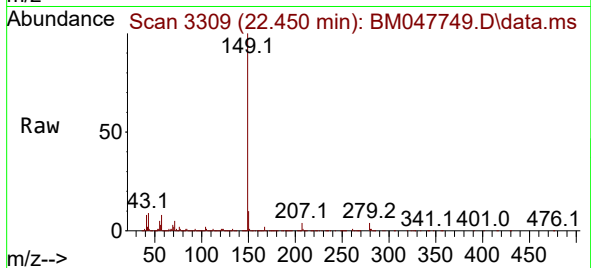
Instrument :

BNA_M

ClientSampleId :

SSTD020153

Tgt Ion:149 Resp: 3545074



#90

Benzo(b)fluoranthene

Concen: 18.965 ng/ul

RT: 23.462 min Scan# 3481

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

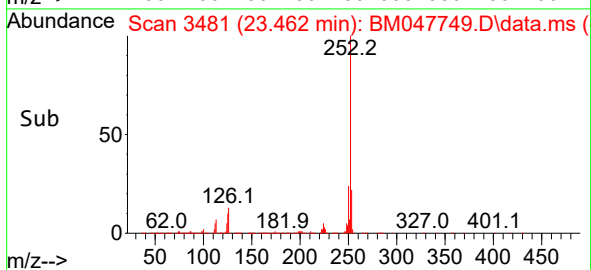
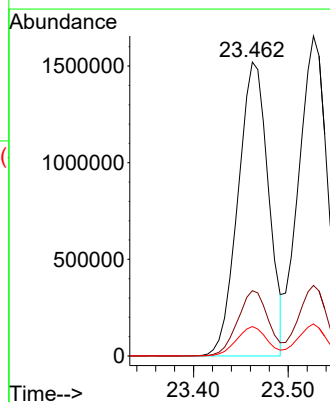
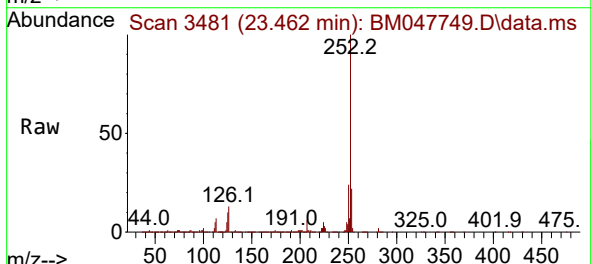
Tgt Ion:252 Resp: 3398811

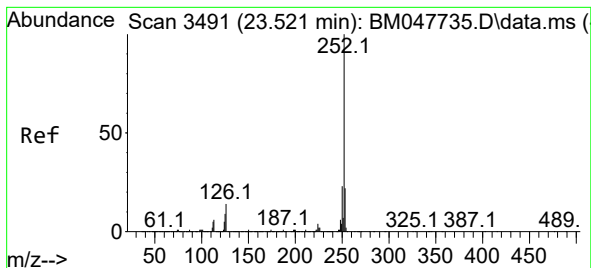
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.0 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 19.144 ng/ul

RT: 23.527 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

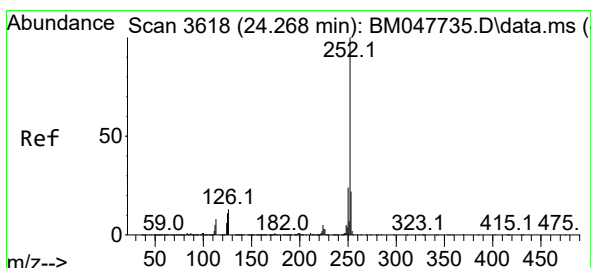
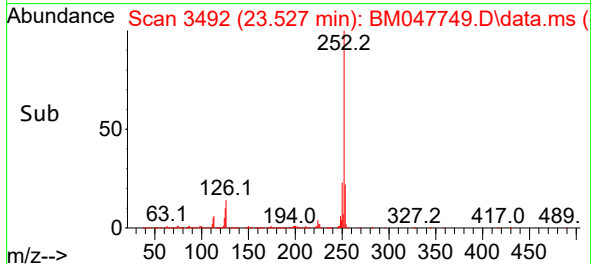
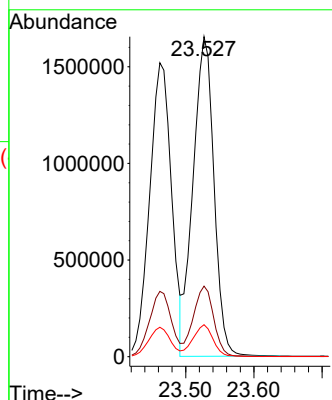
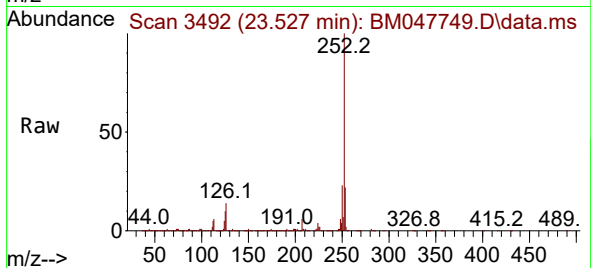
Tgt Ion:252 Resp: 3508034

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.0 8.9 13.3



#93

Benzo(a)pyrene

Concen: 19.122 ng/ul

RT: 24.280 min Scan# 3620

Delta R.T. 0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

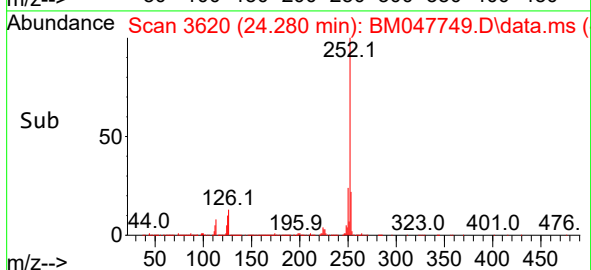
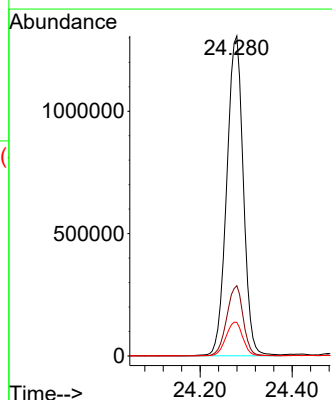
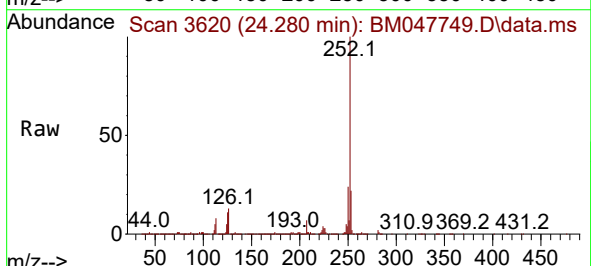
Tgt Ion:252 Resp: 3254671

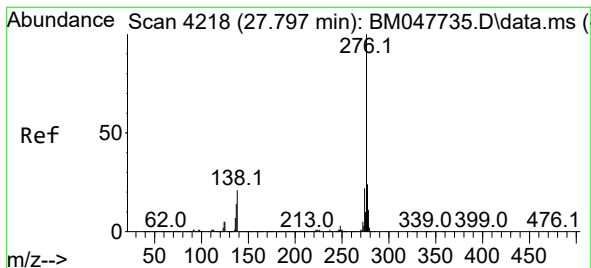
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 10.5 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.498 ng/ul

RT: 27.815 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD020153

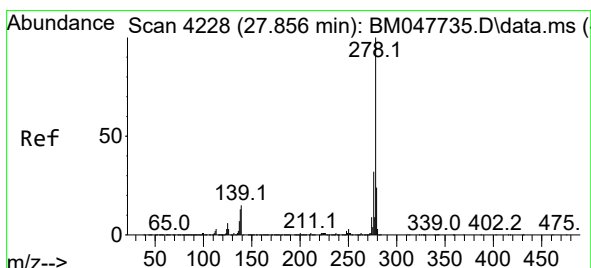
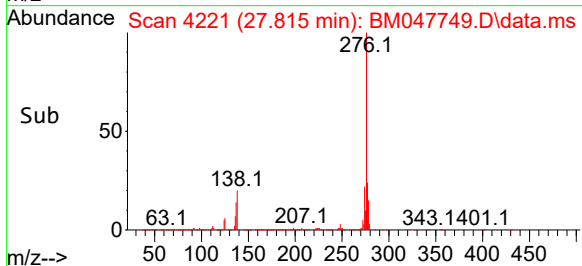
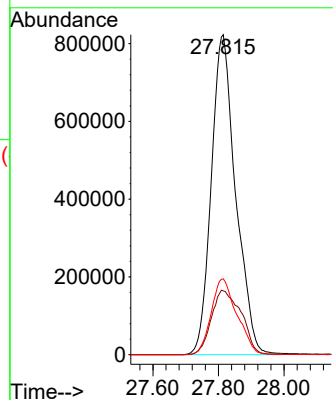
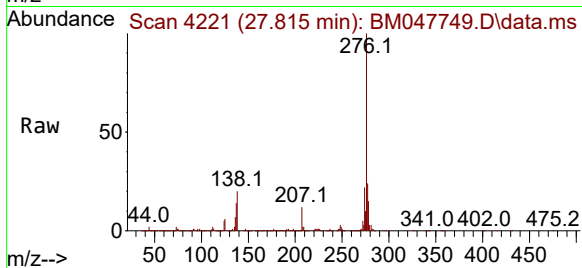
Tgt Ion:276 Resp: 4252946

Ion Ratio Lower Upper

276 100

138 19.9 16.9 25.3

277 23.7 18.9 28.3



#95

Dibenzo(a,h)anthracene

Concen: 19.359 ng/ul

RT: 27.868 min Scan# 4230

Delta R.T. 0.006 min

Lab File: BM047749.D

Acq: 01 Oct 2024 19:40

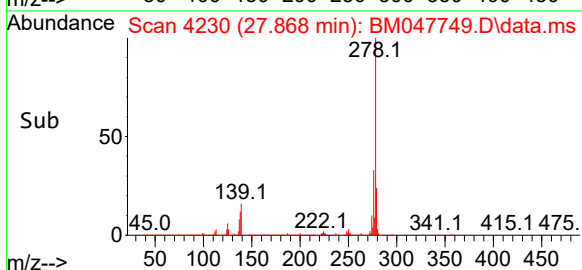
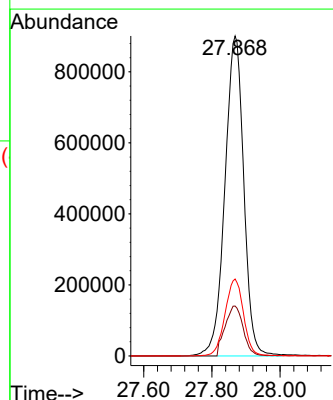
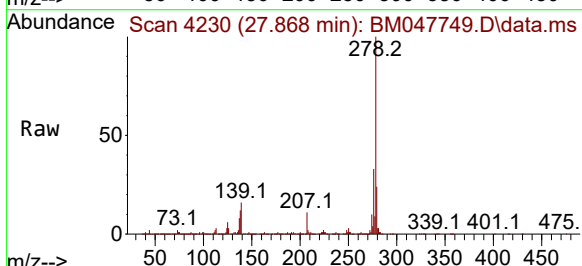
Tgt Ion:278 Resp: 3460376

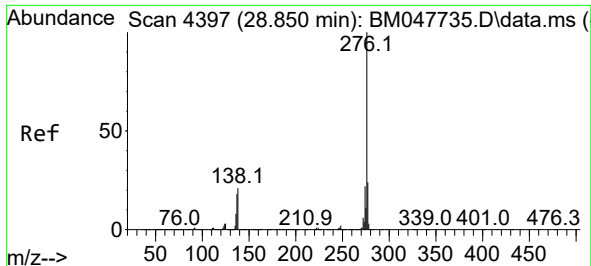
Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.2

279 24.1 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 19.352 ng/ul
 RT: 28.873 min Scan# 44
 Delta R.T. 0.012 min
 Lab File: BM047749.D
 Acq: 01 Oct 2024 19:40

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020153

Tgt Ion:276 Resp: 3307139
 Ion Ratio Lower Upper
 276 100
 138 21.3 18.7 28.1
 277 23.7 18.3 27.5

