

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
 Data File : BM049564.D
 Acq On : 05 Feb 2025 11:05
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 06 04:36:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	311523	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1140579	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	725144	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1428221	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1137855	20.000	ng	0.00
86) Perylene-d12	24.480	264	1031423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	86813	4.481	ng	0.00
7) Phenol-d6	6.975	99	110287	4.345	ng	0.00
23) Nitrobenzene-d5	8.975	82	90624	4.087	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	25052	2.916	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	231671	4.139	ng	0.00
79) Terphenyl-d14	19.833	244	284018	3.812	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	19414	2.383	ng	97
3) Pyridine	3.699	79	49651	2.194	ng	# 94
4) n-Nitrosodimethylamine	3.599	42	22561	2.130	ng	# 84
6) Aniline	7.145	93	52809	2.195	ng	96
8) 2-Chlorophenol	7.387	128	43595	2.254	ng	99
9) Benzaldehyde	6.957	77	29434	2.190	ng	96
10) Phenol	7.004	94	56418	2.257	ng	96
11) bis(2-Chloroethyl)ether	7.245	93	46090	2.279	ng	97
12) 1,3-Dichlorobenzene	7.716	146	53248	2.372	ng	96
13) 1,4-Dichlorobenzene	7.863	146	54236	2.388	ng	96
14) 1,2-Dichlorobenzene	8.181	146	51512	2.349	ng	97
15) Benzyl Alcohol	8.057	79	38321	2.170	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.357	45	62580	2.299	ng	94
17) 2-Methylphenol	8.257	107	34835	2.279	ng	97
18) Hexachloroethane	8.910	117	20208	2.436	ng	86
19) n-Nitroso-di-n-propyla...	8.628	70	37404	2.251	ng	98
20) 3+4-Methylphenols	8.581	107	43073	2.135	ng	98
22) Acetophenone	8.640	105	70377	2.291	ng	94
24) Nitrobenzene	9.016	77	45642	2.119	ng	95
25) Isophorone	9.545	82	88726	2.219	ng	99
26) 2-Nitrophenol	9.734	139	10672	3.699	ng	97
27) 2,4-Dimethylphenol	9.792	122	31803	2.515	ng	95
28) bis(2-Chloroethoxy)met...	10.034	93	57416	2.229	ng	95
29) 2,4-Dichlorophenol	10.263	162	35011	2.011	ng	98
30) 1,2,4-Trichlorobenzene	10.486	180	48753	2.285	ng	98
31) Naphthalene	10.669	128	137506	2.286	ng	98
32) Benzoic acid	9.792	122	31803	8.441	ng	# 17
33) 4-Chloroaniline	10.775	127	49888	2.216	ng	98
34) Hexachlorobutadiene	10.975	225	28548	2.235	ng	98
35) Caprolactam	11.504	113	10498	1.976	ng	# 77
36) 4-Chloro-3-methylphenol	11.892	107	35004	2.016	ng	98
37) 2-Methylnaphthalene	12.286	142	94108	2.222	ng	97
38) 1-Methylnaphthalene	12.510	142	91110	2.211	ng	96
40) 1,2,4,5-Tetrachloroben...	12.657	216	49105	2.060	ng	96
41) Hexachlorocyclopentadiene	12.645	237	10475	1.721	ng	96
43) 2,4,6-Trichlorophenol	12.892	196	24379	1.874	ng	94

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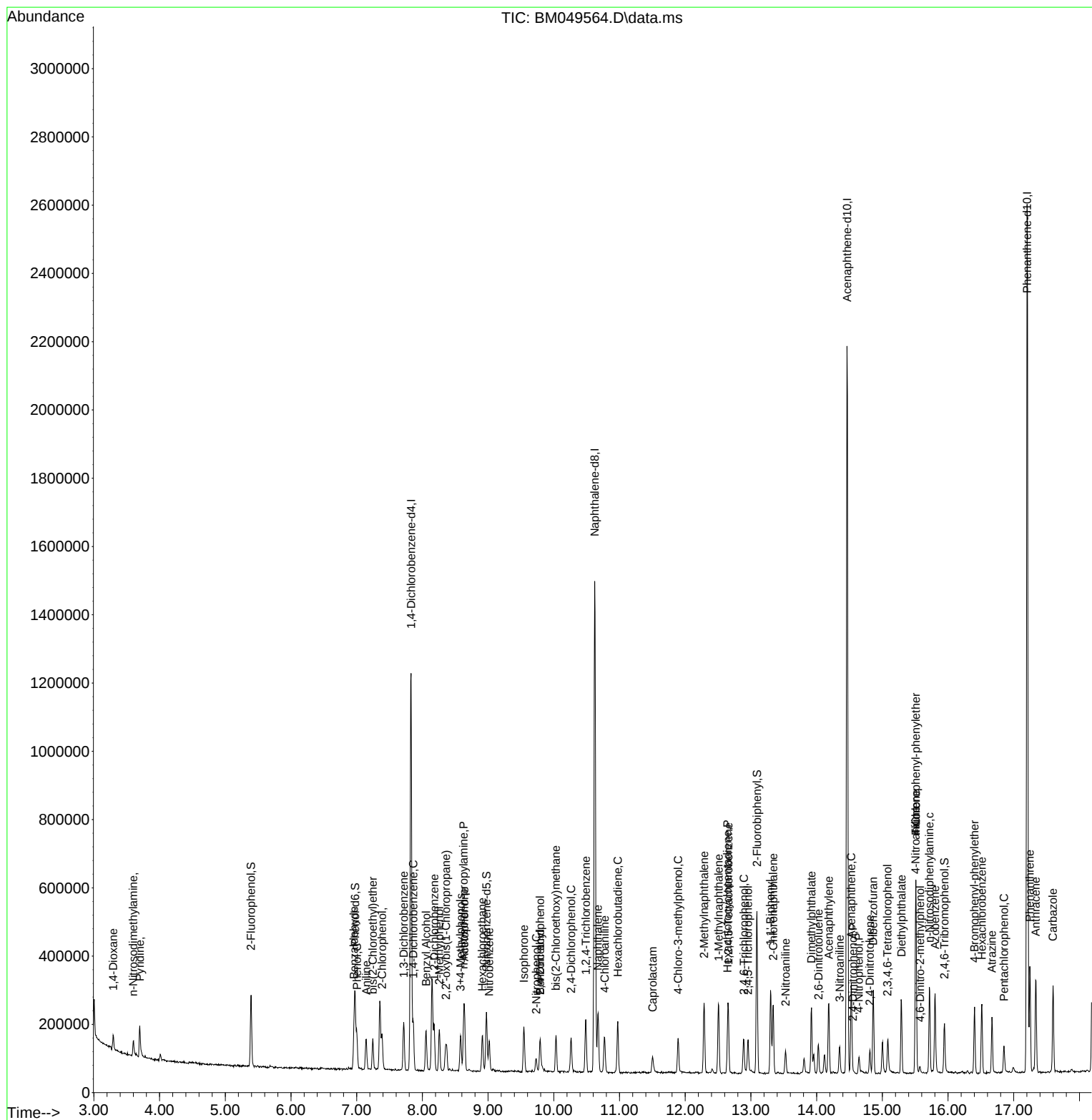
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	25000	1.749	ng	96
46) 1,1'-Biphenyl	13.298	154	120858	2.185	ng	96
47) 2-Chloronaphthalene	13.339	162	94190	2.201	ng	98
48) 2-Nitroaniline	13.527	65	16329	5.450	ng	93
49) Acenaphthylene	14.186	152	139287	2.207	ng	99
50) Dimethylphthalate	13.922	163	114183	2.193	ng	98
51) 2,6-Dinitrotoluene	14.027	165	13840	1.536	ng	87
52) Acenaphthene	14.527	154	87627	2.092	ng	99
53) 3-Nitroaniline	14.351	138	13976	1.523	ng #	88
54) 2,4-Dinitrophenol	14.551	184	1763	3.136	ng #	1
55) Dibenzofuran	14.863	168	148460	2.226	ng	99
56) 4-Nitrophenol	14.645	139	10272	1.328	ng	92
57) 2,4-Dinitrotoluene	14.810	165	14100	3.858	ng	98
58) Fluorene	15.510	166	113604	1.991	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	20281	1.679	ng #	96
60) Diethylphthalate	15.292	149	114272	2.183	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	59289	1.952	ng #	90
62) 4-Nitroaniline	15.504	138	15031	5.365	ng	81
63) Azobenzene	15.804	77	129498	2.371	ng	95
65) 4,6-Dinitro-2-methylph...	15.574	198	3427	5.089	ng #	73
66) n-Nitrosodiphenylamine	15.716	169	94527	2.099	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	33515	2.020	ng	94
68) Hexachlorobenzene	16.515	284	39141	2.055	ng	96
69) Atrazine	16.668	200	27232	2.034	ng	97
70) Pentachlorophenol	16.851	266	13334	8.650	ng	97
71) Phenanthrene	17.245	178	171627	2.109	ng	100
72) Anthracene	17.333	178	166525	2.067	ng	99
73) Carbazole	17.598	167	151194	2.138	ng	99
74) Di-n-butylphthalate	18.192	149	174869	1.949	ng	99
75) Fluoranthene	19.256	202	182656	1.917	ng	99
77) Benzidine	19.439	184	27396	2.719	ng	95
78) Pyrene	19.621	202	185521	2.178	ng	99
80) Butylbenzylphthalate	20.533	149	43635	1.646	ng	96
81) Benzo(a)anthracene	21.427	228	165033	2.140	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	41759	2.012	ng	95
83) Chrysene	21.486	228	151417	2.096	ng	98
84) Bis(2-ethylhexyl)phtha...	21.386	149	86620	1.906	ng	98
85) Di-n-octyl phthalate	22.544	149	143278	1.998	ng #	93
87) Indeno(1,2,3-cd)pyrene	27.897	276	104815	1.861	ng	97
88) Benzo(b)fluoranthene	23.521	252	141647	1.996	ng	99
89) Benzo(k)fluoranthene	23.580	252	131521	1.908	ng	98
90) Benzo(a)pyrene	24.333	252	112174	1.995	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	81158	1.823	ng	94
92) Benzo(g,h,i)perylene	28.950	276	99892	2.009	ng	97

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

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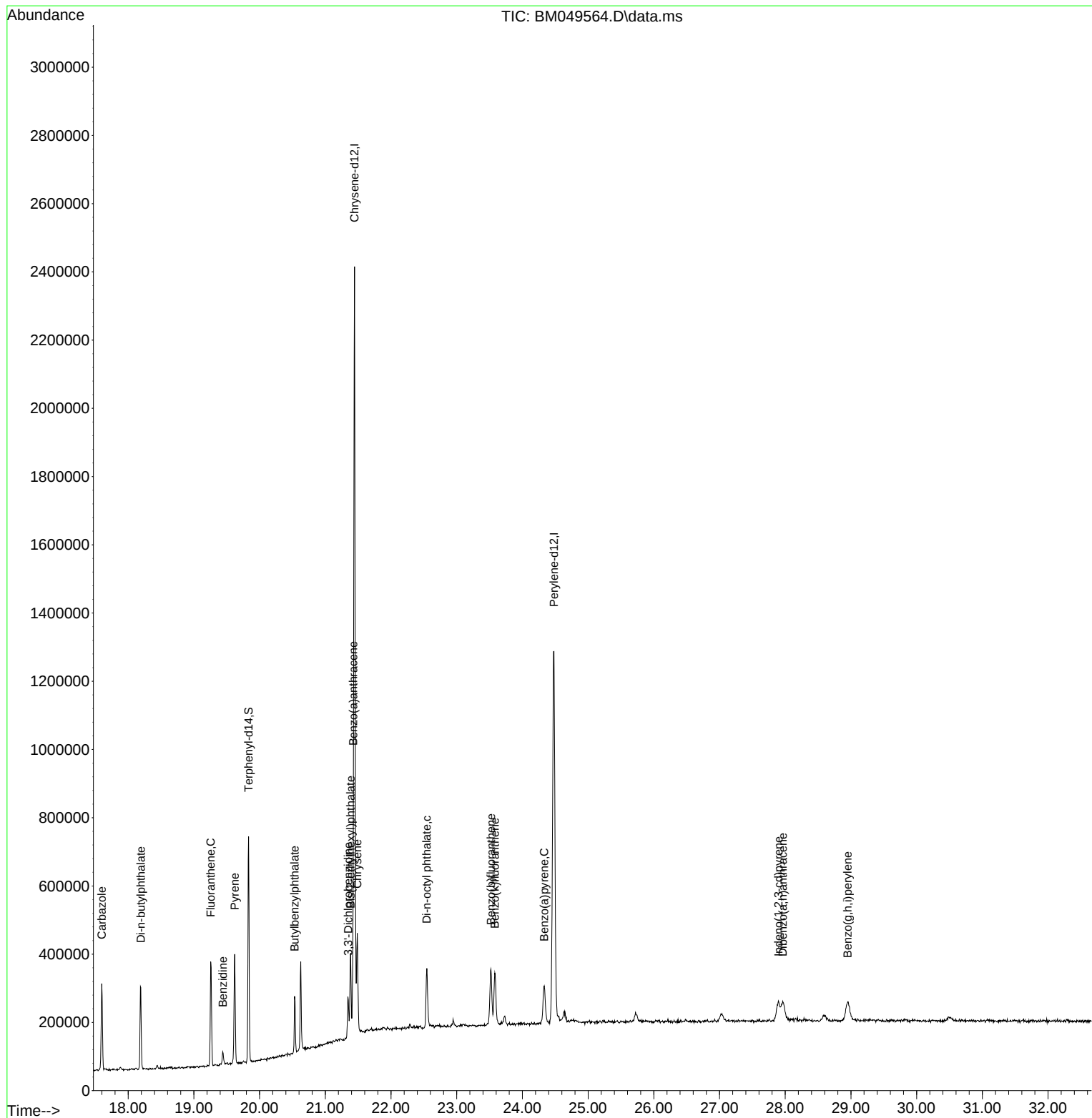
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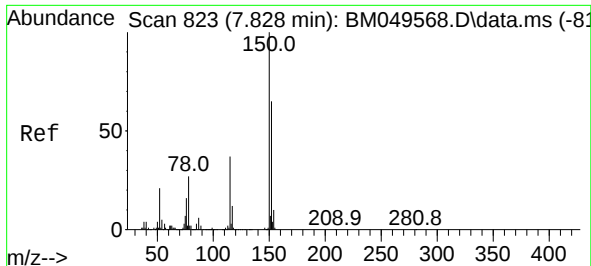


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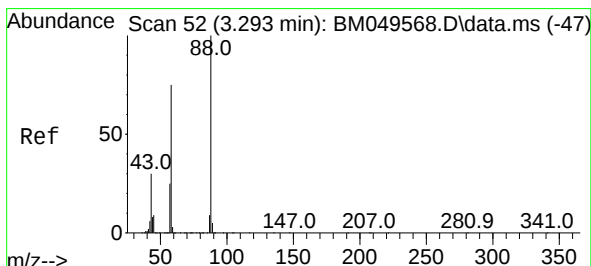
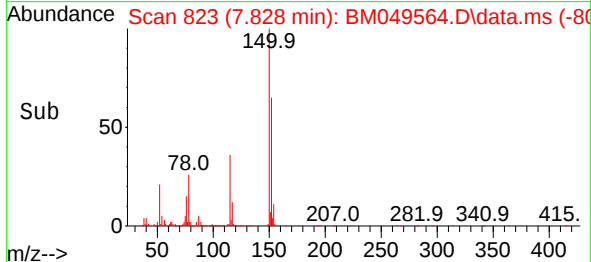
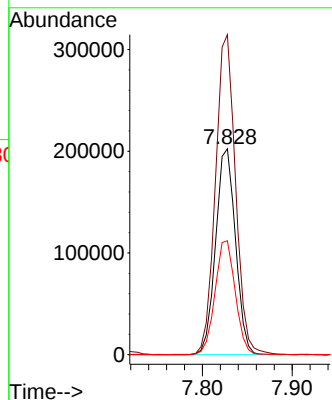
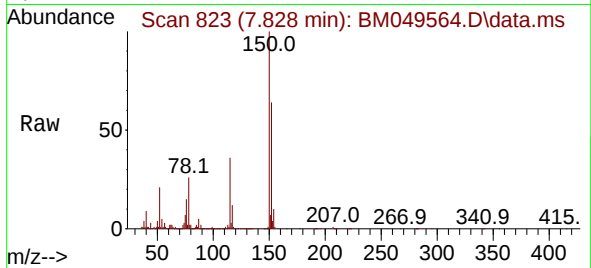




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049564.D
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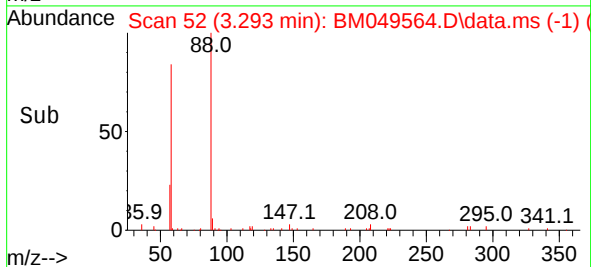
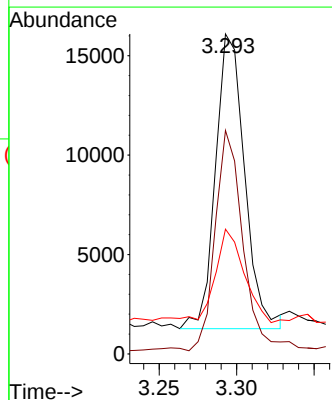
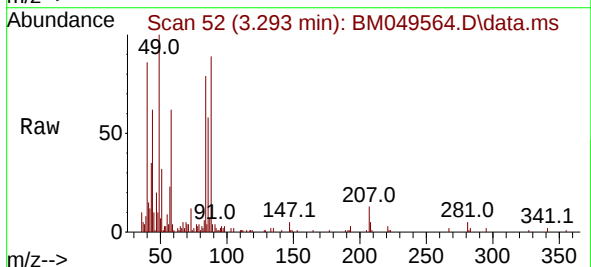
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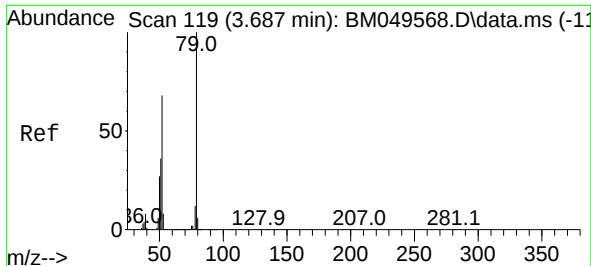
Tgt Ion:152 Resp: 311523
Ion Ratio Lower Upper
152 100
150 155.4 122.6 184.0
115 55.3 45.4 68.0



#2
1,4-Dioxane
Concen: 2.383 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 88 Resp: 19414
Ion Ratio Lower Upper
88 100
58 72.4 60.0 90.0
43 29.4 24.4 36.6

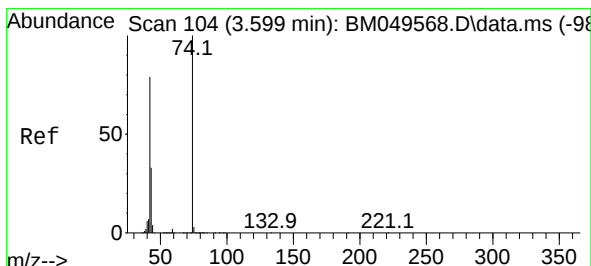
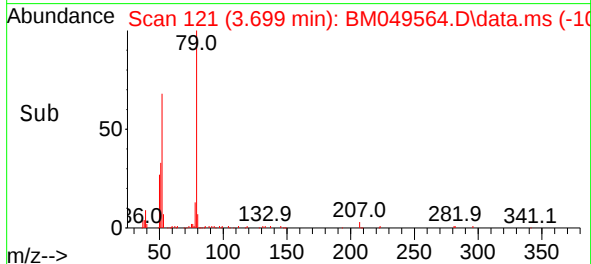
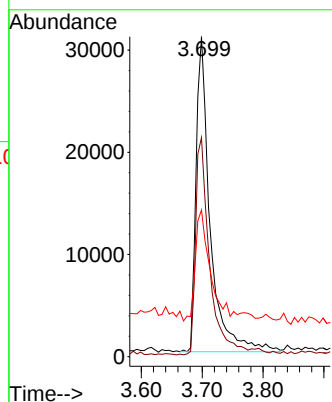
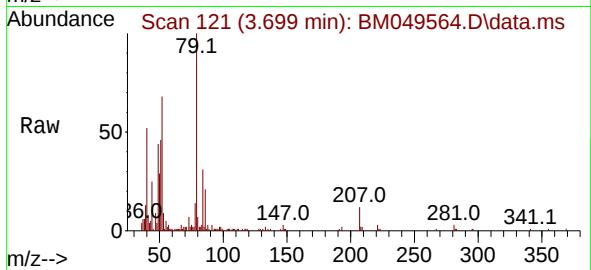




#3
Pyridine
Concen: 2.194 ng
RT: 3.699 min Scan# 119
Delta R.T. 0.012 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

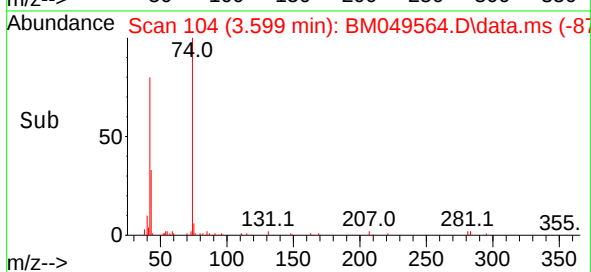
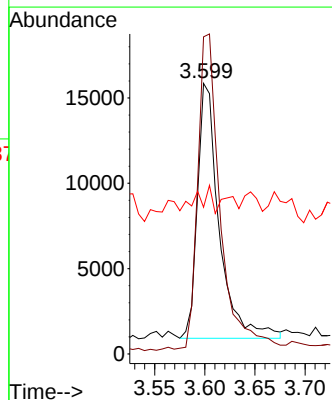
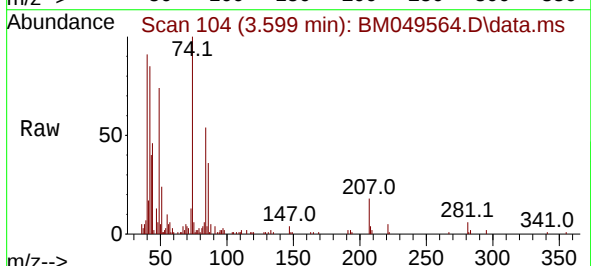
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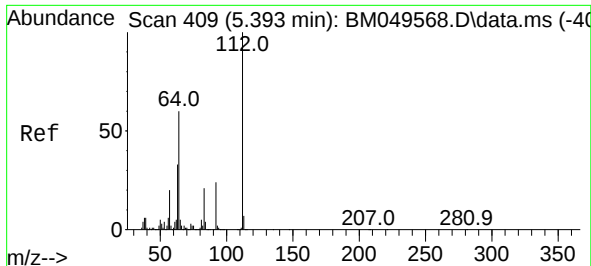
Tgt Ion: 79 Resp: 49651
Ion Ratio Lower Upper
79 100
52 68.4 54.5 81.7
51 45.9 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 2.130 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 42 Resp: 22561
Ion Ratio Lower Upper
42 100
74 117.2 101.3 151.9
44 54.2 6.5 9.7#

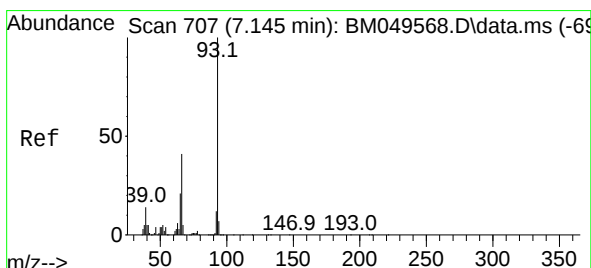
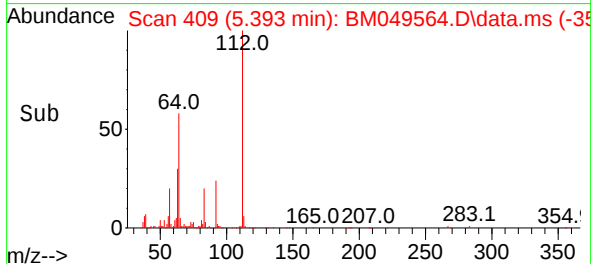
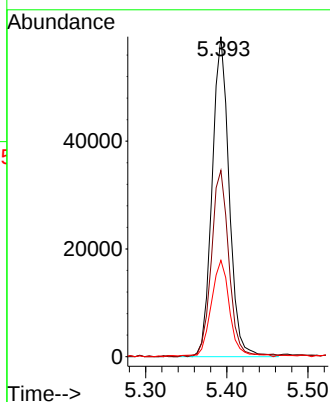
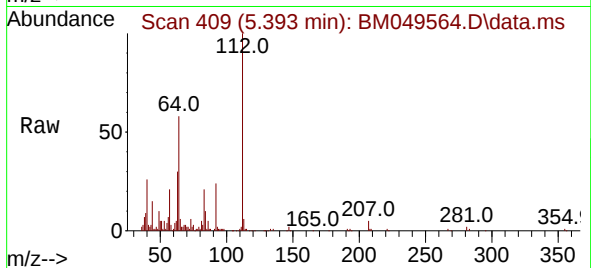




#5
2-Fluorophenol
Concen: 4.481 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM049564.D
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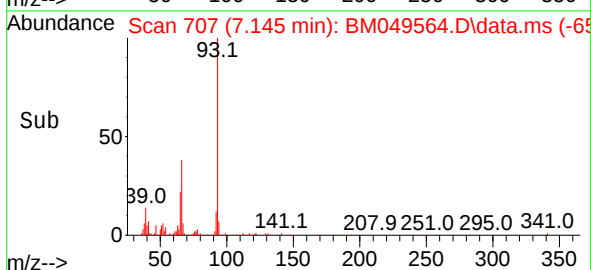
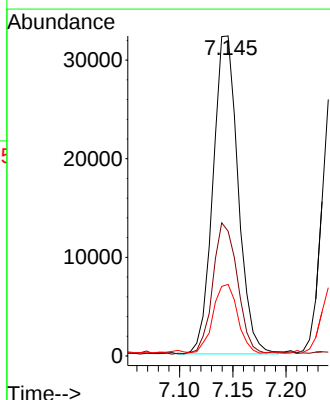
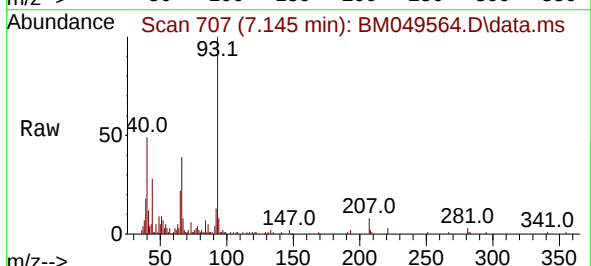
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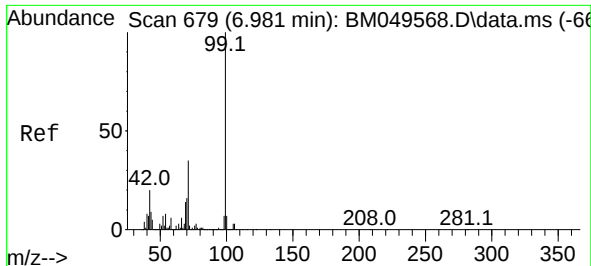
Tgt Ion:112 Resp: 86813
Ion Ratio Lower Upper
112 100
64 58.2 47.8 71.8
63 30.1 26.2 39.4



#6
Aniline
Concen: 2.195 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 93 Resp: 52809
Ion Ratio Lower Upper
93 100
66 39.0 33.3 49.9
65 22.4 16.8 25.2

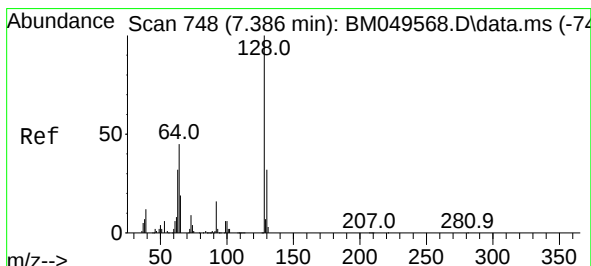
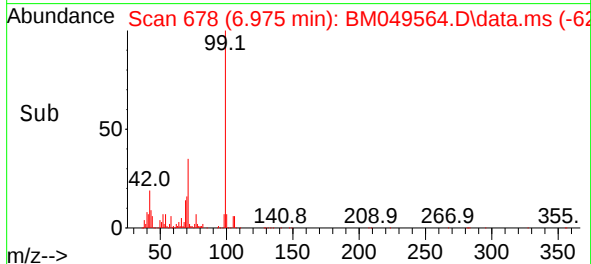
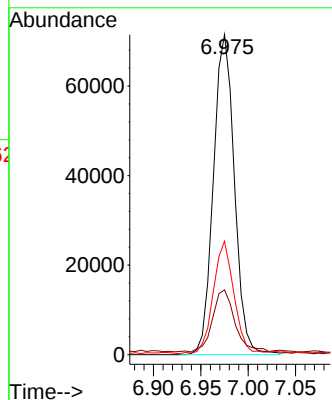
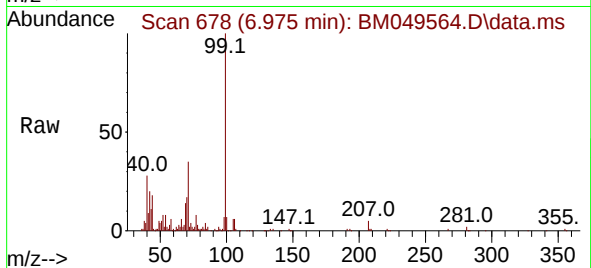




#7
Phenol-d6
Concen: 4.345 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM049564.D
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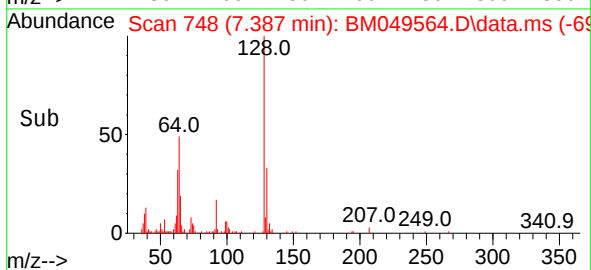
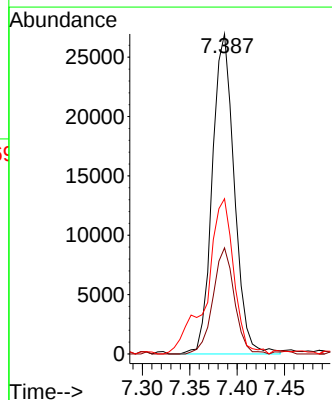
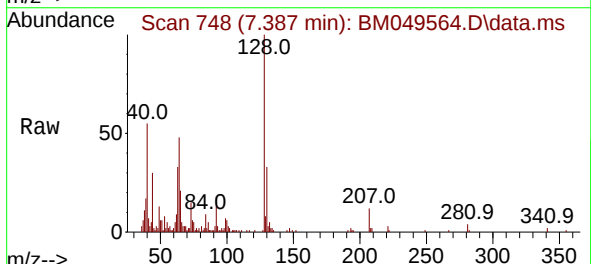
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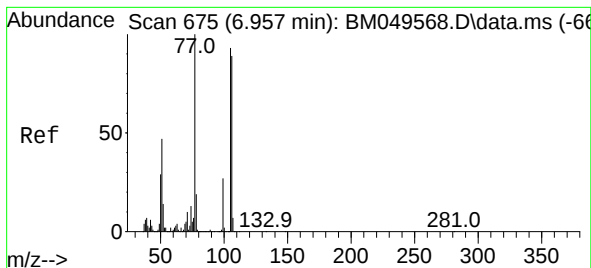
Tgt Ion: 99 Resp: 110287
Ion Ratio Lower Upper
99 100
42 20.3 16.0 24.0
71 35.4 27.8 41.6



#8
2-Chlorophenol
Concen: 2.254 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:128 Resp: 43595
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 48.5 28.7 68.7

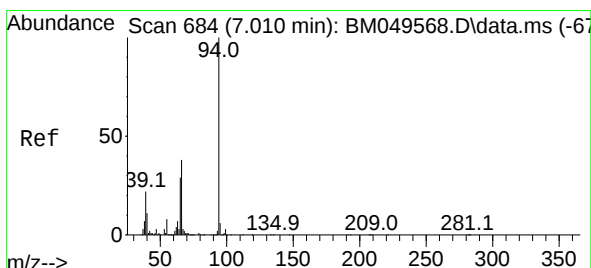
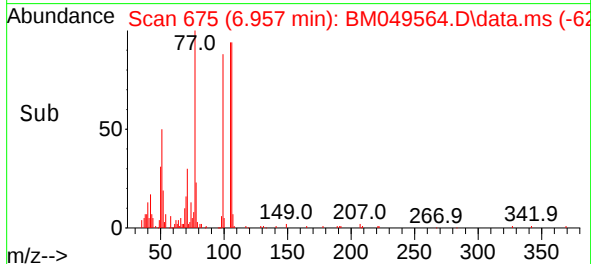
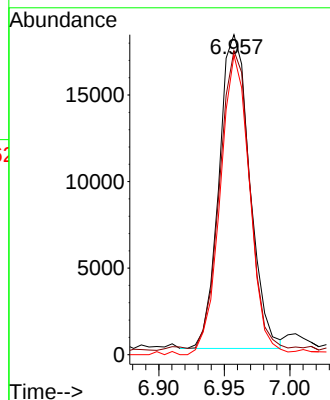
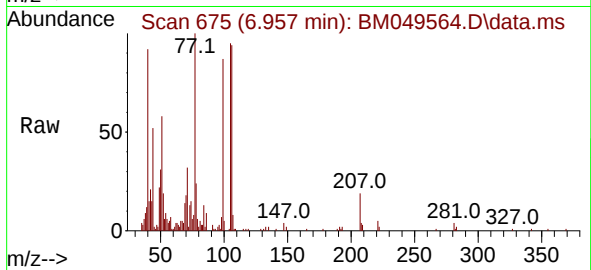




#9
Benzaldehyde
Concen: 2.190 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.000 min
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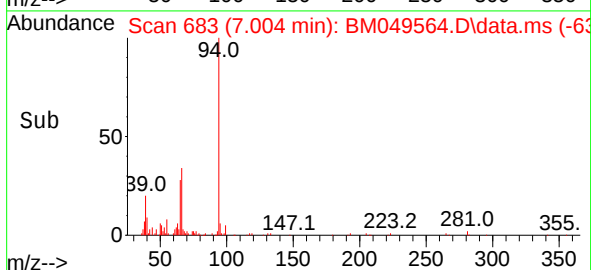
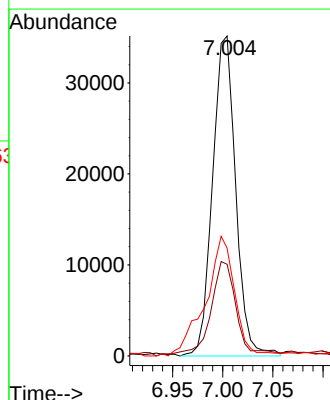
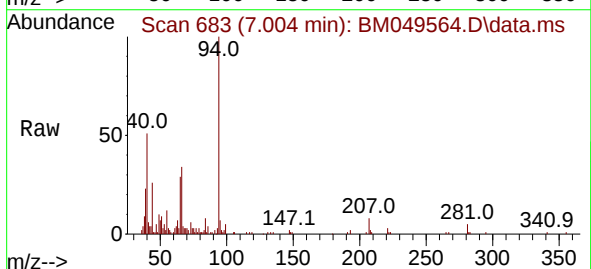
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BNA_M
ClientSampleId :

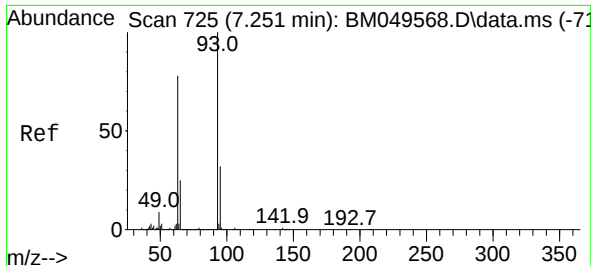
Tgt Ion: 77 Resp: 29434
Ion Ratio Lower Upper
77 100
105 95.0 72.7 112.7
106 93.6 68.9 108.9



#10
Phenol
Concen: 2.257 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 94 Resp: 56418
Ion Ratio Lower Upper
94 100
65 28.7 9.3 49.3
66 33.7 17.7 57.7

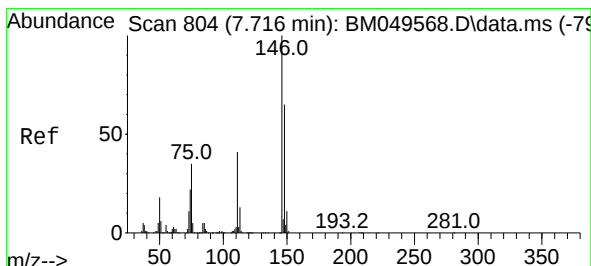
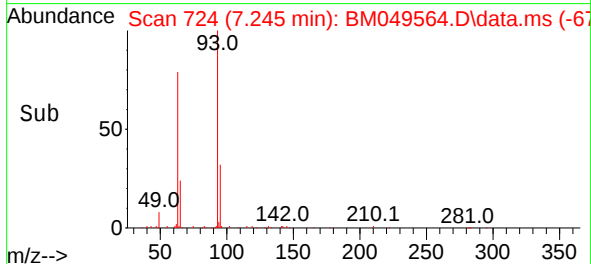
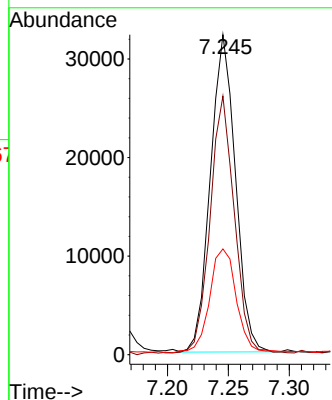
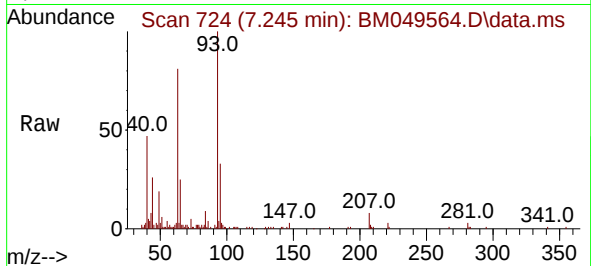




#11
bis(2-Chloroethyl)ether
Concen: 2.279 ng
RT: 7.245 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

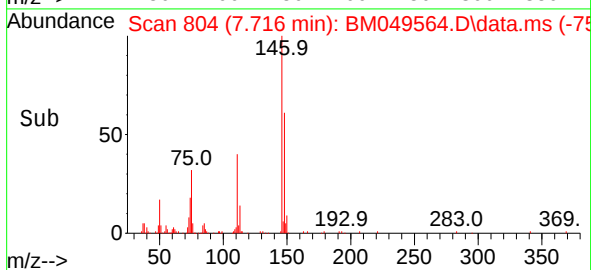
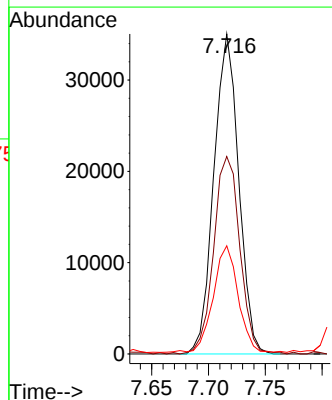
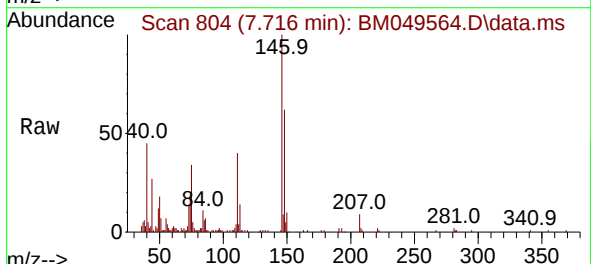
Instrument :
BNA_M
ClientSampleId :

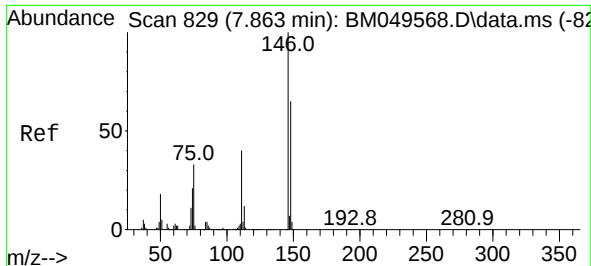
Tgt Ion: 93 Resp: 46090
Ion Ratio Lower Upper
93 100
63 80.8 57.3 97.3
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 2.372 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:146 Resp: 53248
Ion Ratio Lower Upper
146 100
148 61.7 52.2 78.2
75 33.8 28.3 42.5

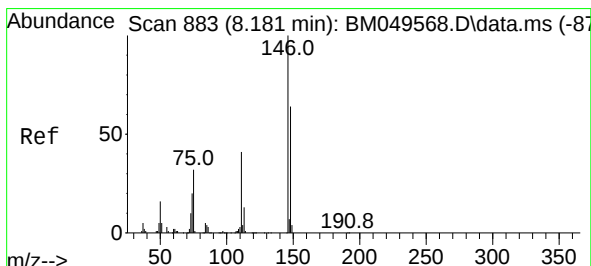
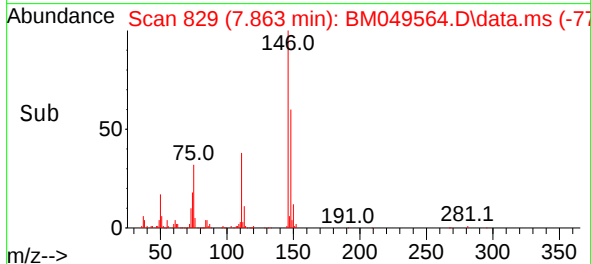
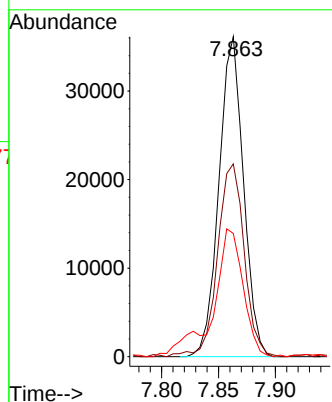
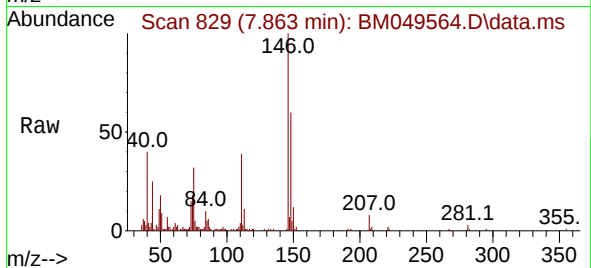




#13
1,4-Dichlorobenzene
Concen: 2.388 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

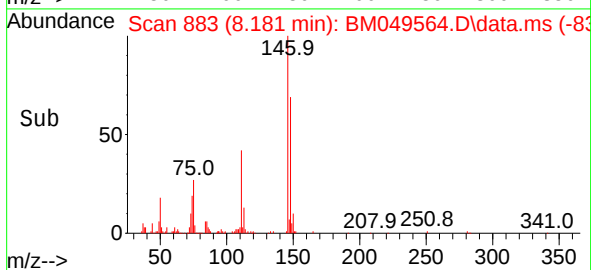
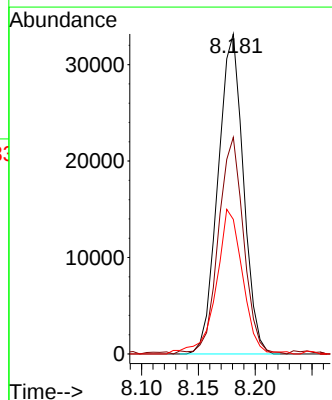
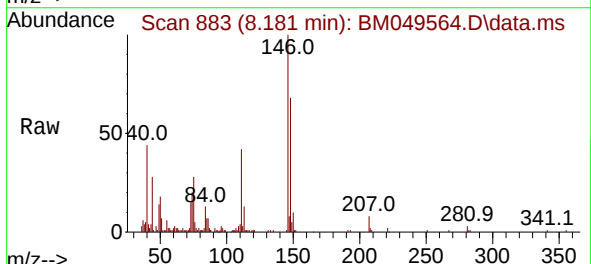
Instrument :
BNA_M
ClientSampleId :

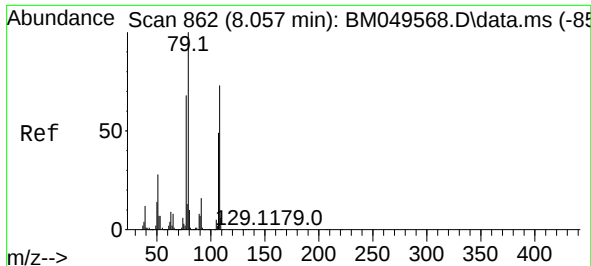
Tgt Ion:146 Resp: 54236
Ion Ratio Lower Upper
146 100
148 60.3 52.1 78.1
111 38.5 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 2.349 ng
RT: 8.181 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:146 Resp: 51512
Ion Ratio Lower Upper
146 100
148 67.7 51.5 77.3
111 42.0 33.4 50.0

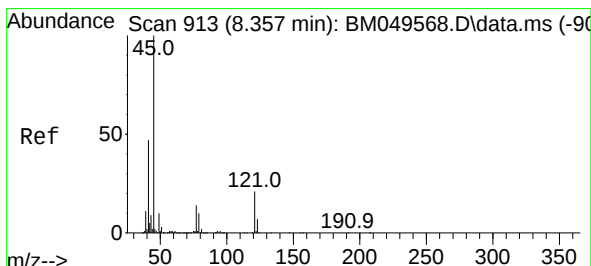
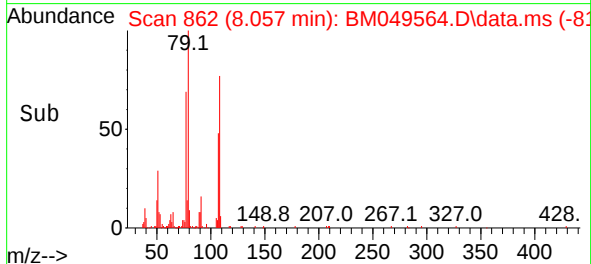
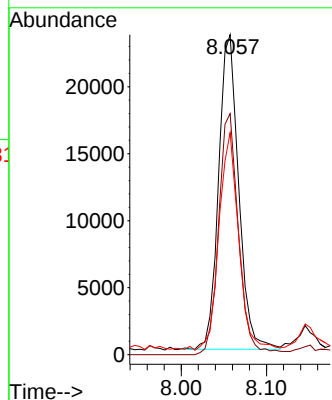
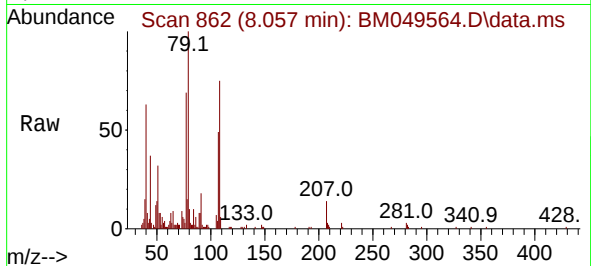




#15
Benzyl Alcohol
Concen: 2.170 ng
RT: 8.057 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

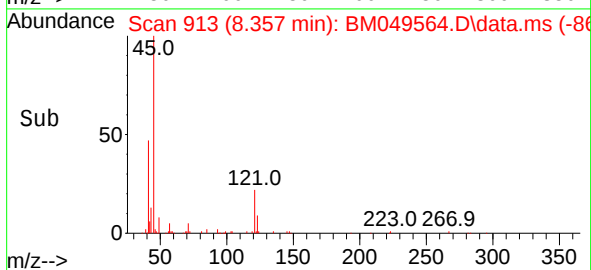
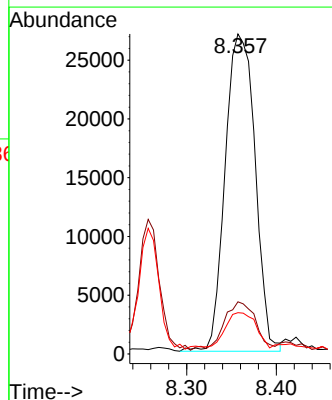
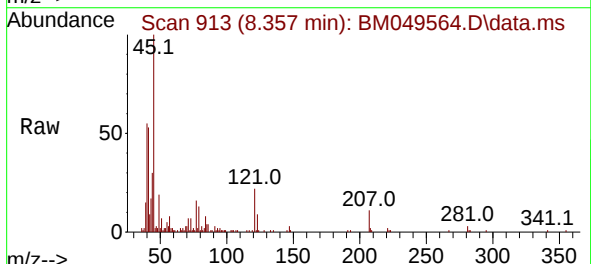
Instrument :
BNA_M
ClientSampleId :

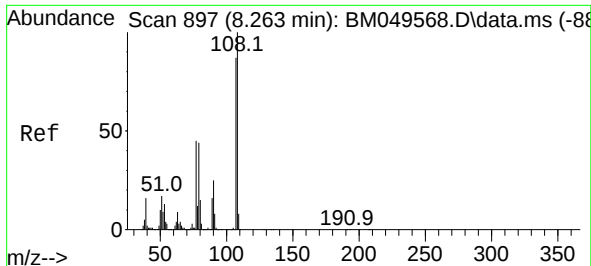
Tgt Ion: 79 Resp: 38321
Ion Ratio Lower Upper
79 100
108 75.4 58.6 88.0
77 69.4 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.299 ng
RT: 8.357 min Scan# 913
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

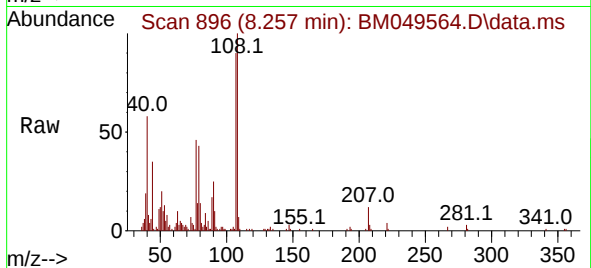
Tgt Ion: 45 Resp: 62580
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.0
79 12.9 0.0 30.8



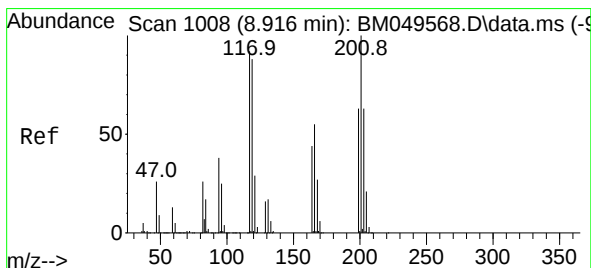
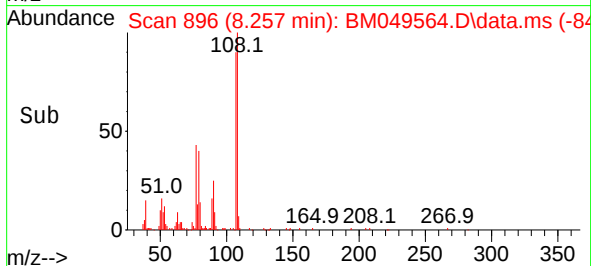
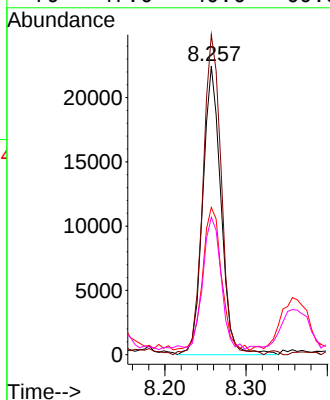


#17
2-Methylphenol
Concen: 2.279 ng
RT: 8.257 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :

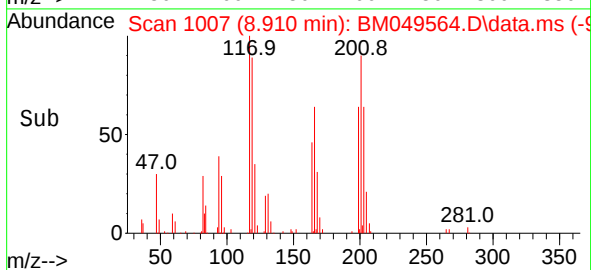
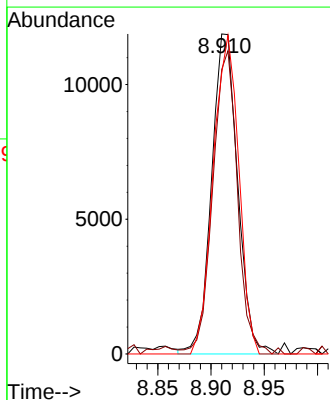
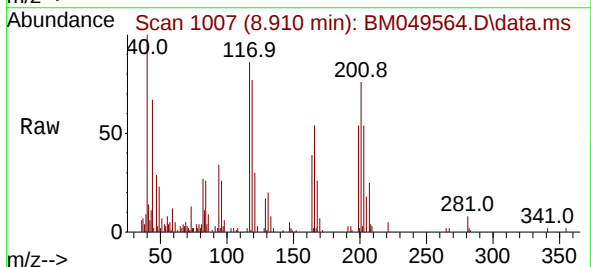


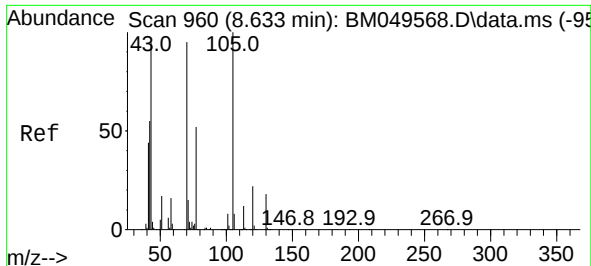
Tgt Ion:	107	Resp:	34835
Ion Ratio	Lower	Upper	
107	100		
108	110.9	92.2	138.4
77	51.0	41.3	61.9
79	47.6	40.6	60.8



#18
Hexachloroethane
Concen: 2.436 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:	117	Resp:	20208
Ion Ratio	Lower	Upper	
117	100		
119	88.9	76.8	115.2
201	87.7	87.0	130.6

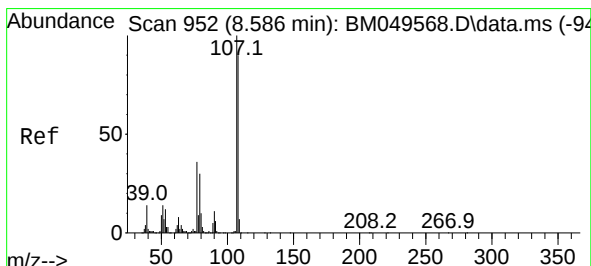
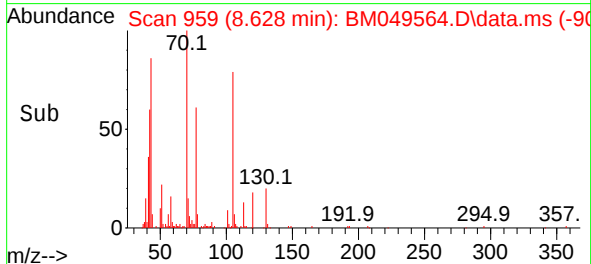
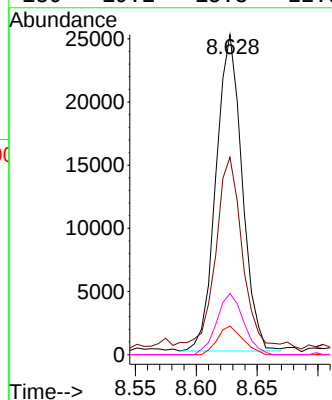
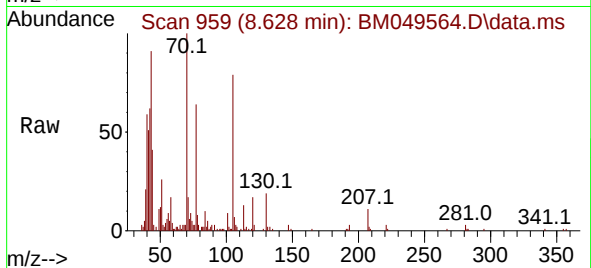




#19
n-Nitroso-di-n-propylamine
Concen: 2.251 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

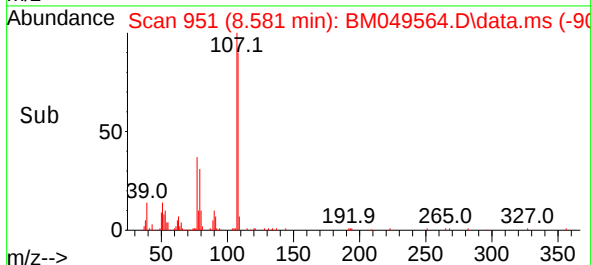
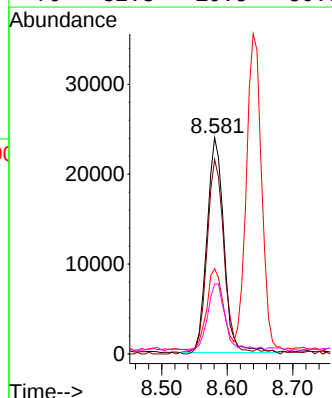
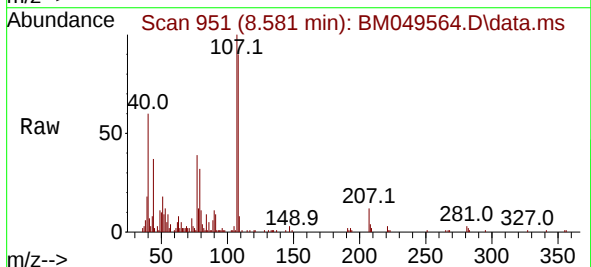
Instrument :
BNA_M
ClientSampleId :

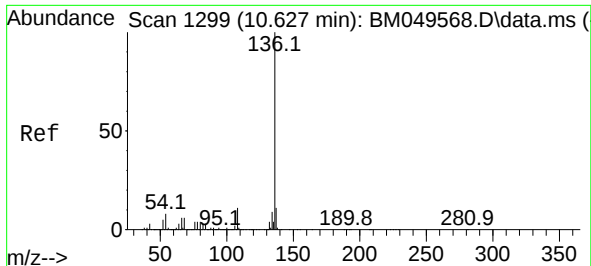
Tgt Ion: 70 Resp: 37404
Ion Ratio Lower Upper
70 100
42 61.7 47.4 71.2
101 9.0 7.1 10.7
130 19.1 15.3 22.9



#20
3+4-Methylphenols
Concen: 2.135 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 107 Resp: 43073
Ion Ratio Lower Upper
107 100
108 89.9 69.6 109.6
77 39.4 16.0 56.0
79 32.3 10.5 50.5

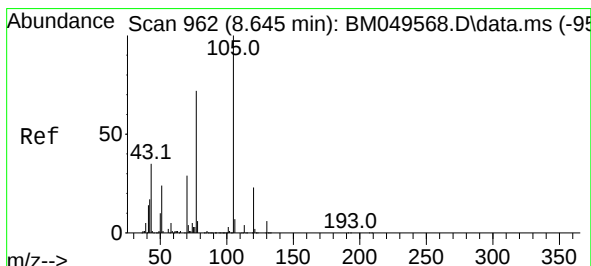
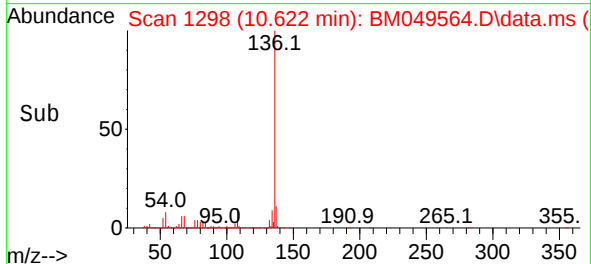
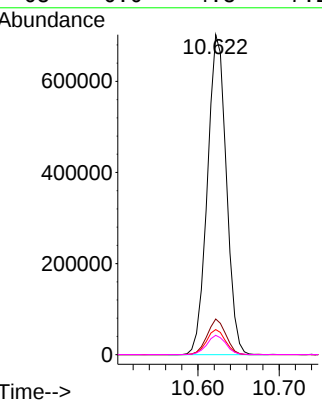
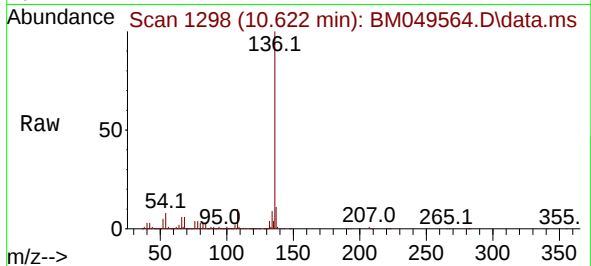




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

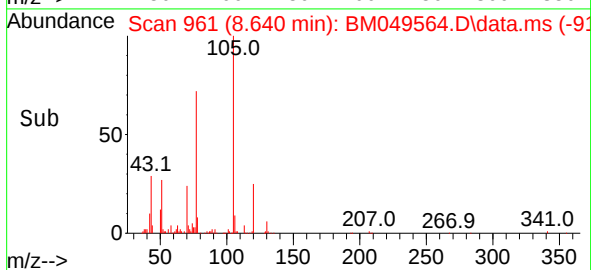
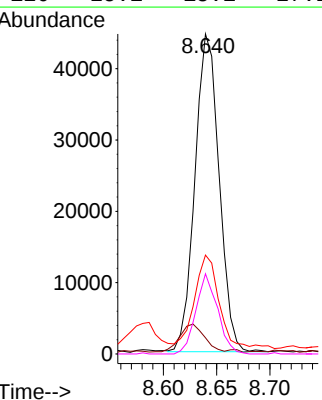
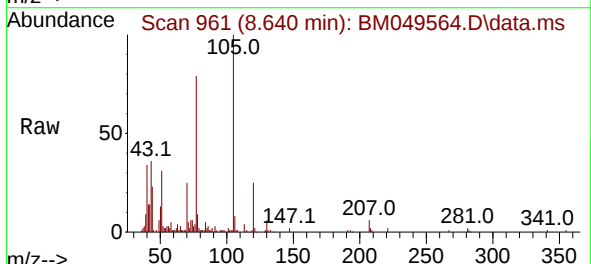
Instrument :
BNA_M
ClientSampleId :

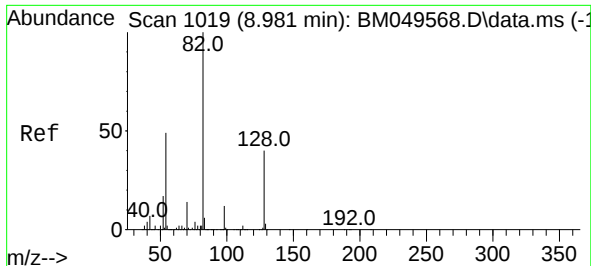
Tgt Ion:136 Resp: 1140579
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.9 6.6 10.0
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 2.291 ng
RT: 8.640 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:105 Resp: 70377
Ion Ratio Lower Upper
105 100
71 5.1 3.5 5.3
51 30.9 21.7 32.5
120 25.1 18.1 27.1





#23

Nitrobenzene-d5

Concen: 4.087 ng

RT: 8.975 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

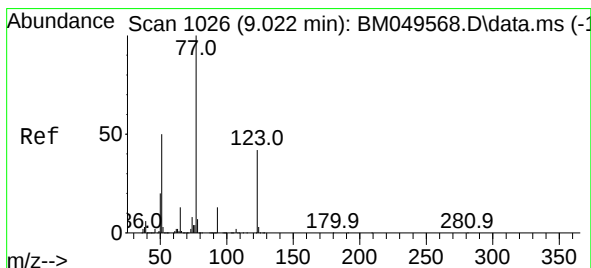
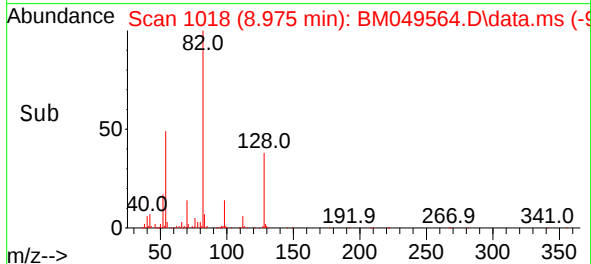
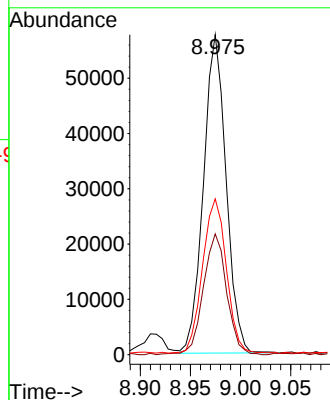
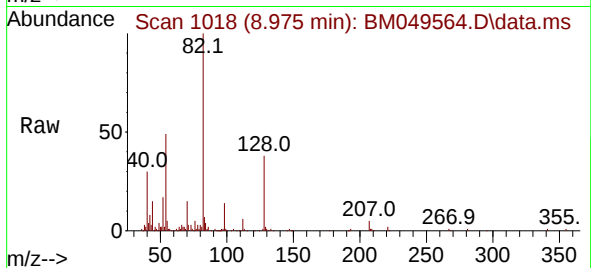
Tgt Ion: 82 Resp: 90624

Ion Ratio Lower Upper

82 100

128 37.7 31.6 47.4

54 48.7 39.4 59.0



#24

Nitrobenzene

Concen: 2.119 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

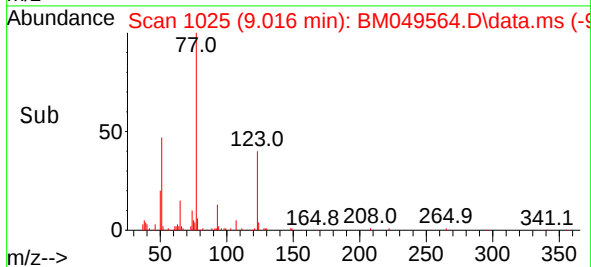
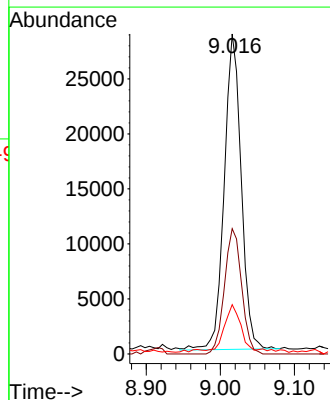
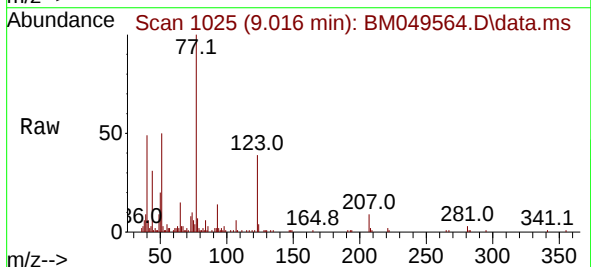
Tgt Ion: 77 Resp: 45642

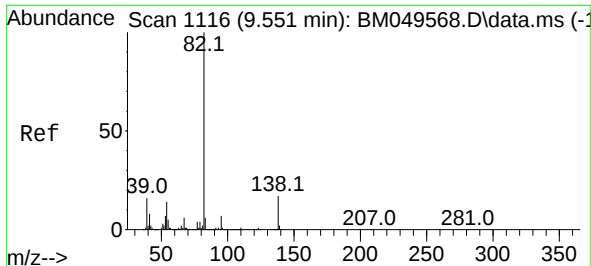
Ion Ratio Lower Upper

77 100

123 39.2 33.4 50.2

65 15.4 10.5 15.7





#25

Isophorone

Concen: 2.219 ng

RT: 9.545 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

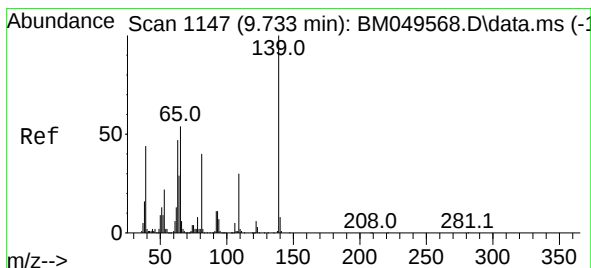
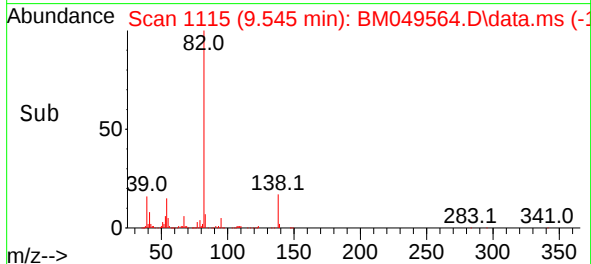
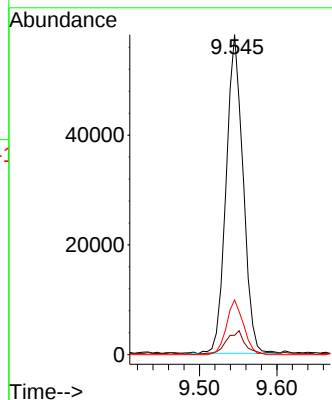
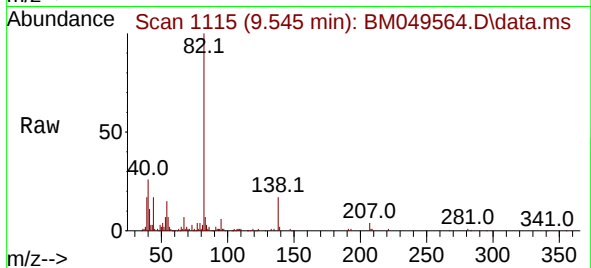
Tgt Ion: 82 Resp: 88726

Ion Ratio Lower Upper

82 100

95 6.0 5.5 8.3

138 17.1 13.6 20.4



#26

2-Nitrophenol

Concen: 3.699 ng

RT: 9.734 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

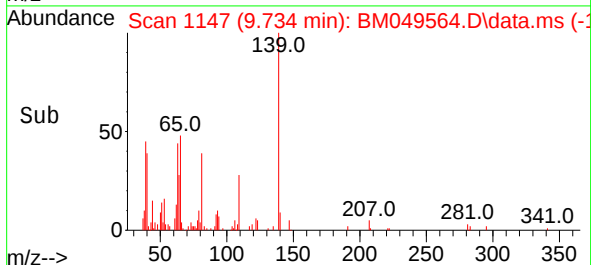
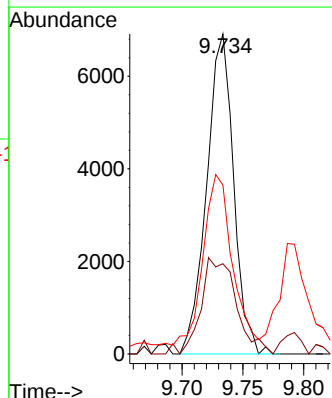
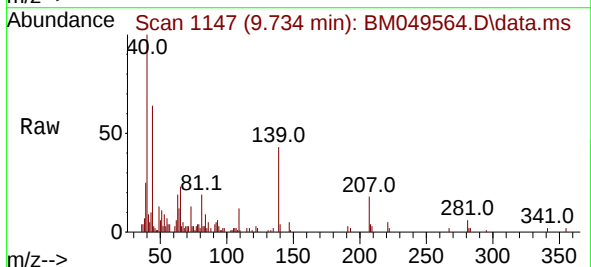
Tgt Ion:139 Resp: 10672

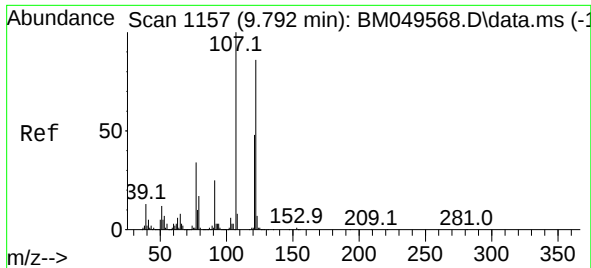
Ion Ratio Lower Upper

139 100

109 28.2 24.2 36.2

65 52.8 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 2.515 ng

RT: 9.792 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

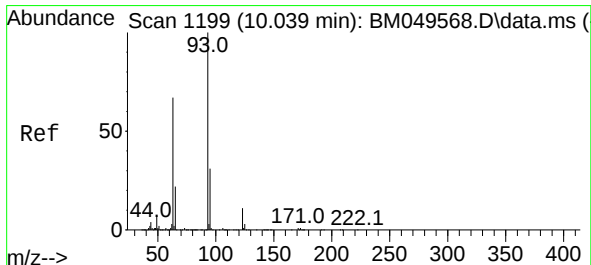
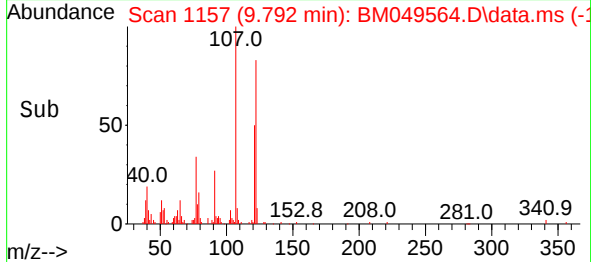
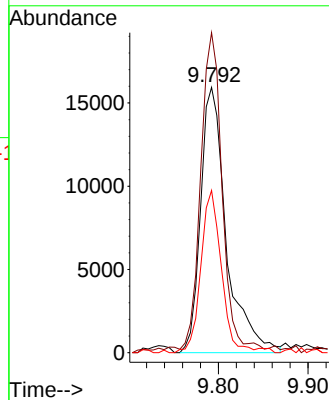
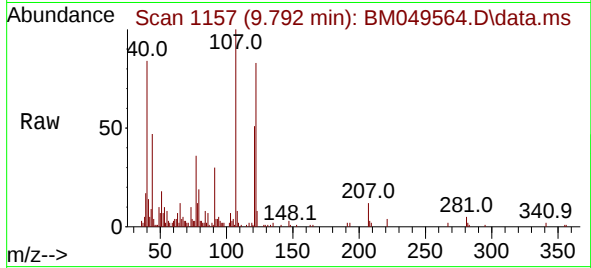
Tgt Ion:122 Resp: 31803

Ion Ratio Lower Upper

122 100

107 120.6 93.2 139.8

121 61.1 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 2.229 ng

RT: 10.034 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

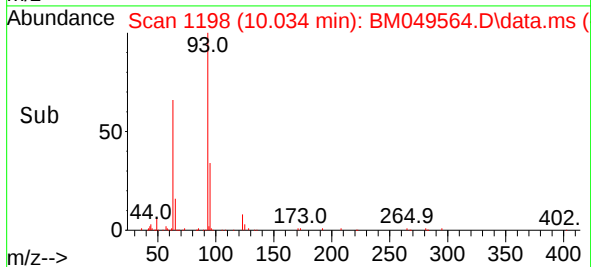
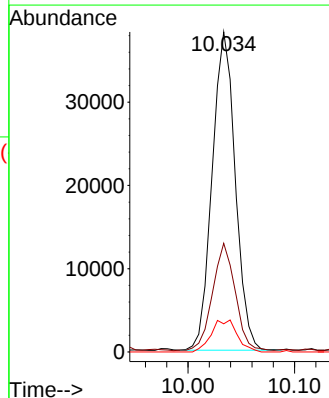
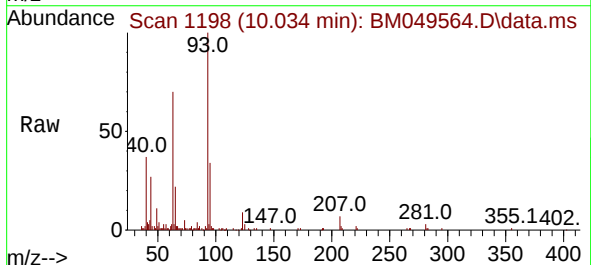
Tgt Ion: 93 Resp: 57416

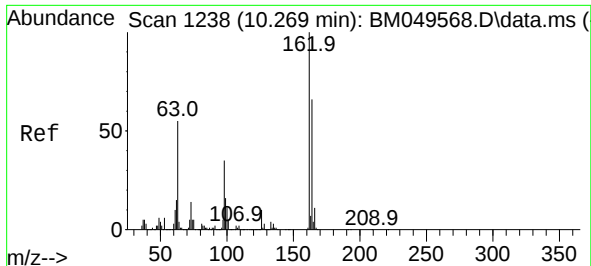
Ion Ratio Lower Upper

93 100

95 33.9 25.2 37.8

123 8.8 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 2.011 ng

RT: 10.263 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BM049564.D

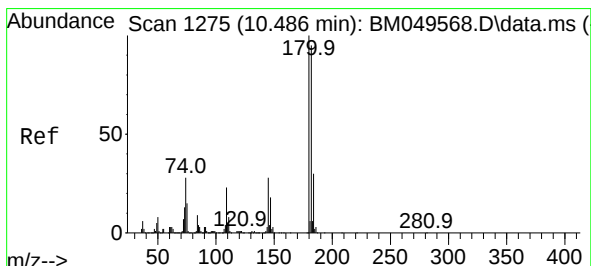
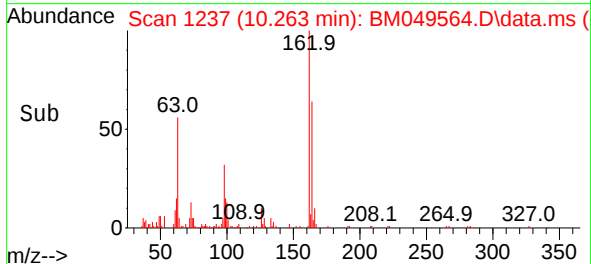
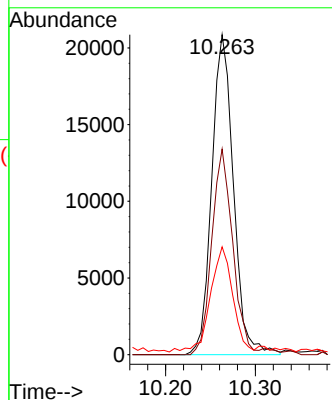
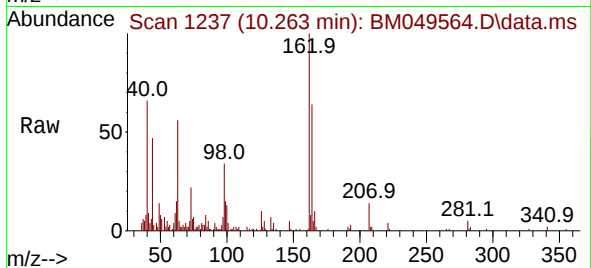
Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	162	Resp:	35011
Ion Ratio	Lower	Upper	
162	100		
164	64.2	46.0	86.0
98	33.7	14.7	54.7



#30

1,2,4-Trichlorobenzene

Concen: 2.285 ng

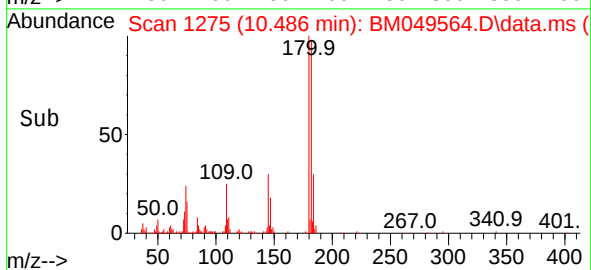
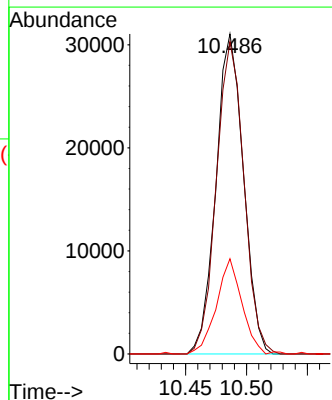
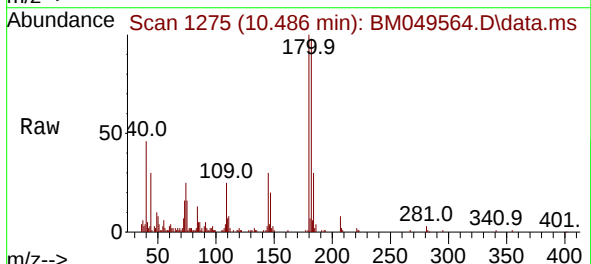
RT: 10.486 min Scan# 1275

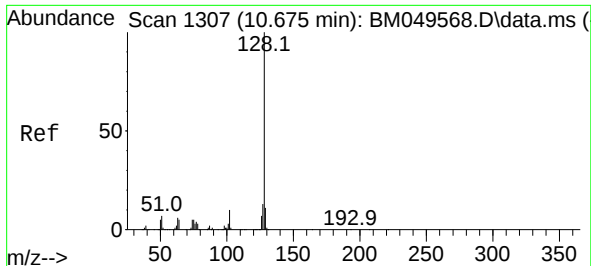
Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Tgt Ion:	180	Resp:	48753
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.4	114.6
145	29.7	22.5	33.7

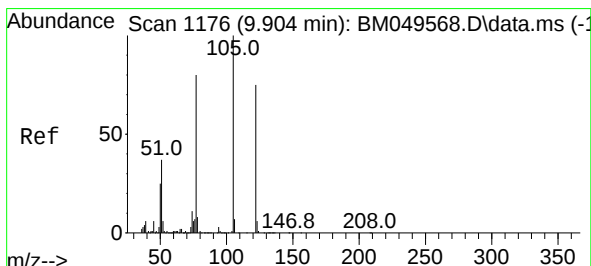
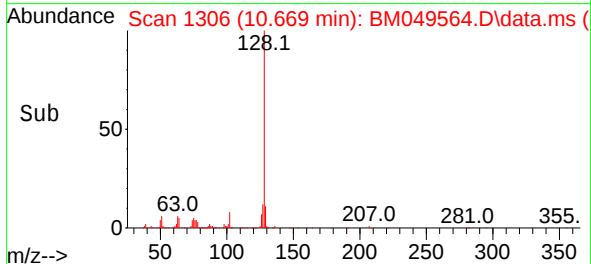
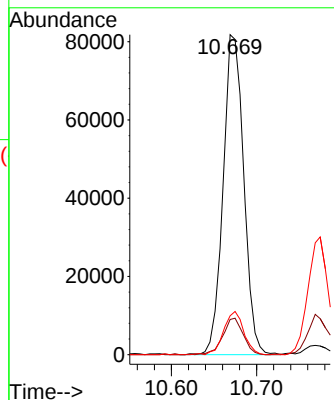
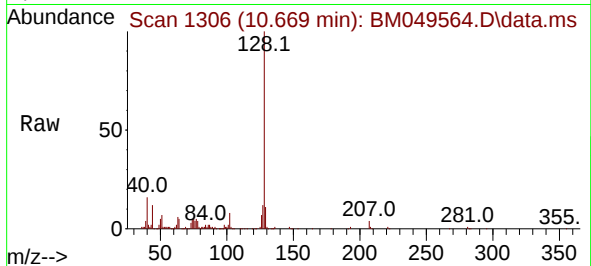




#31
Naphthalene
Concen: 2.286 ng
RT: 10.669 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

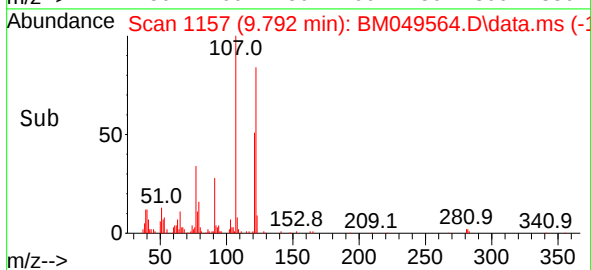
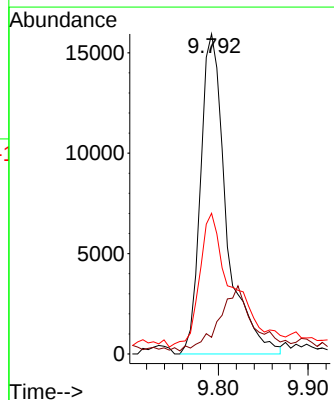
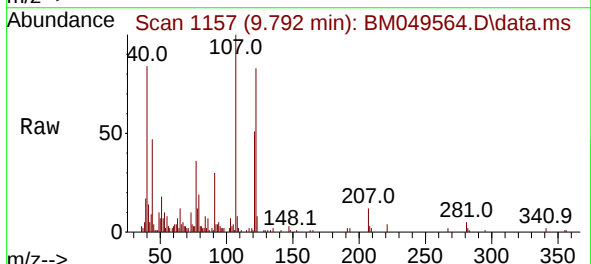
Instrument :
BNA_M
ClientSampleId :

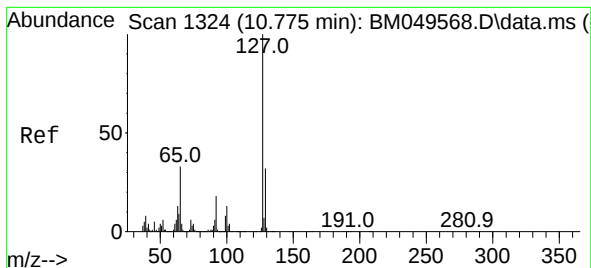
Tgt Ion:128 Resp: 137506
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.1 10.6 15.8



#32
Benzoic acid
Concen: 8.441 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.112 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:122 Resp: 31803
Ion Ratio Lower Upper
122 100
105 5.2 103.6 143.6#
77 43.9 82.4 122.4#





#33

4-Chloroaniline

Concen: 2.216 ng

RT: 10.775 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:127 Resp: 49888

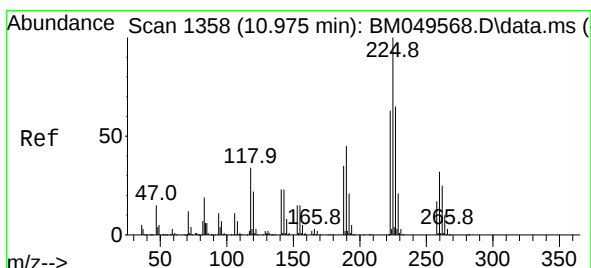
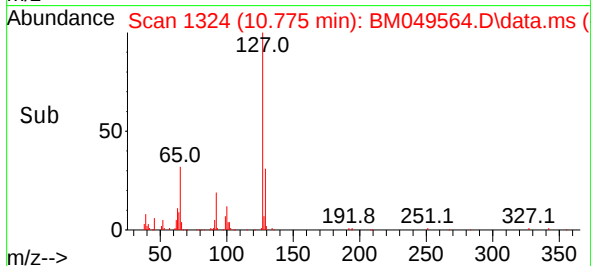
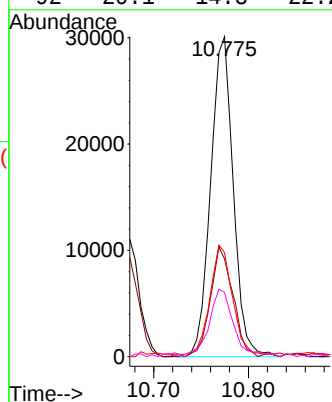
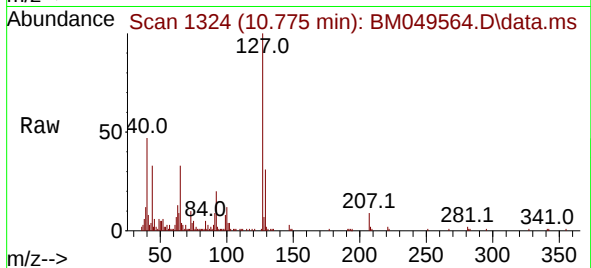
Ion Ratio Lower Upper

127 100

129 30.6 25.8 38.8

65 32.6 26.4 39.6

92 20.1 14.8 22.2



#34

Hexachlorobutadiene

Concen: 2.235 ng

RT: 10.975 min Scan# 1358

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

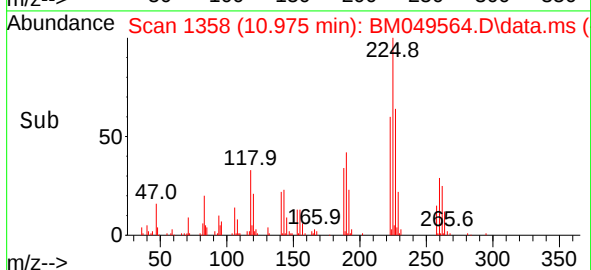
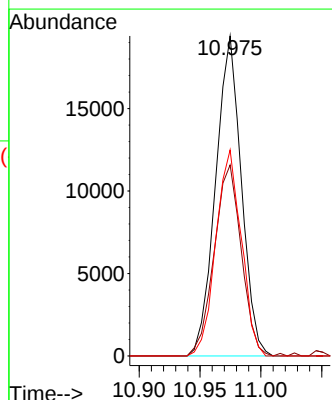
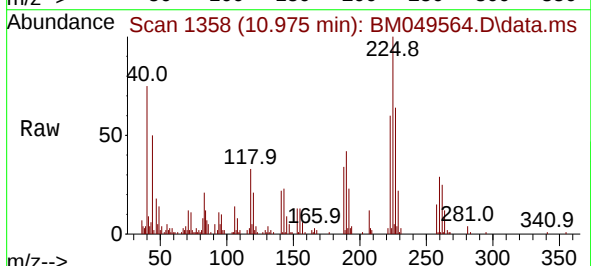
Tgt Ion:225 Resp: 28548

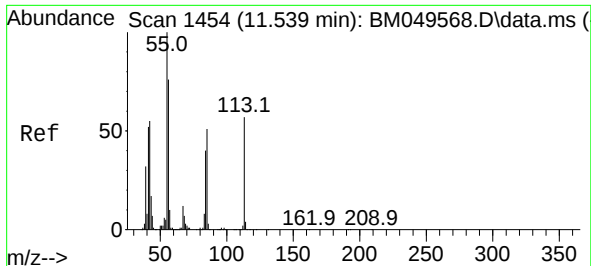
Ion Ratio Lower Upper

225 100

223 59.7 50.6 75.8

227 64.4 51.8 77.6





#35

Caprolactam

Concen: 1.976 ng

RT: 11.504 min Scan# 1448

Delta R.T. -0.035 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

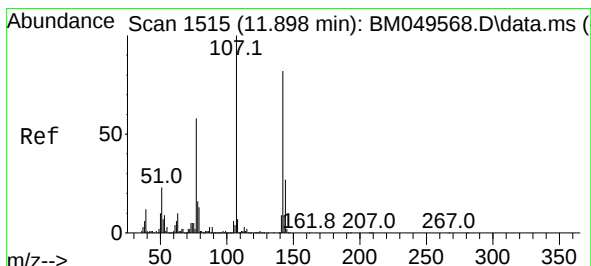
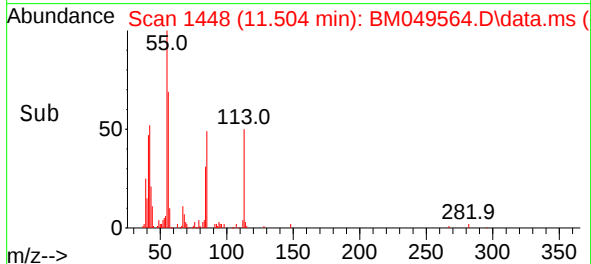
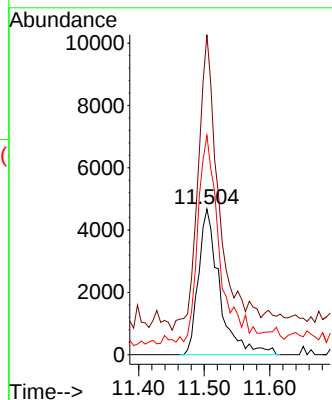
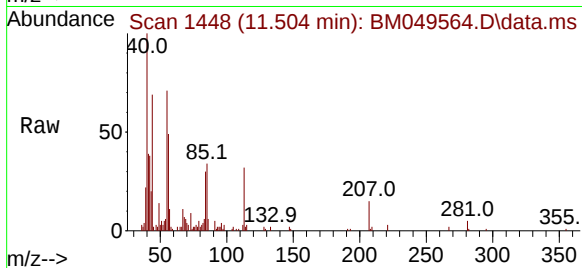
Tgt Ion:113 Resp: 10498

Ion Ratio Lower Upper

113 100

55 219.9 157.5 197.5#

56 150.6 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 2.016 ng

RT: 11.892 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

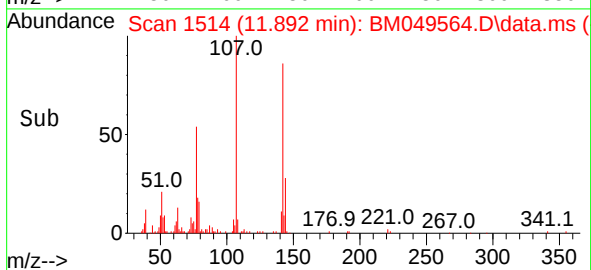
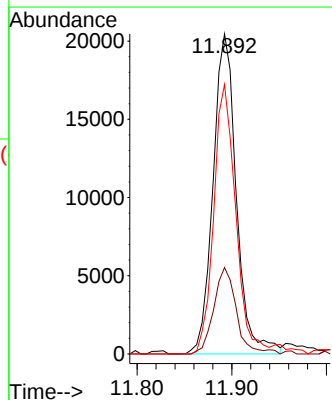
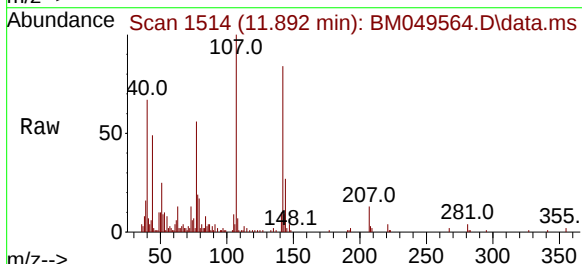
Tgt Ion:107 Resp: 35004

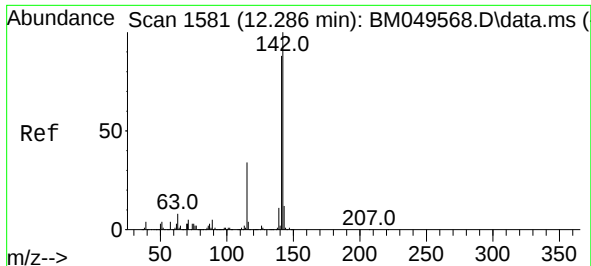
Ion Ratio Lower Upper

107 100

144 27.0 21.2 31.8

142 84.2 65.4 98.2

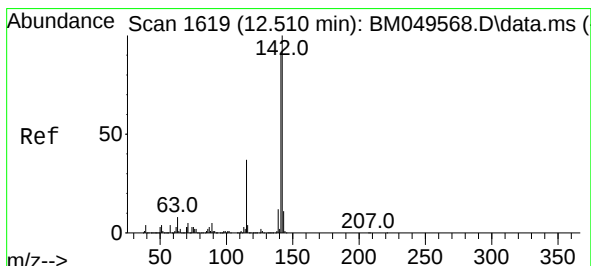
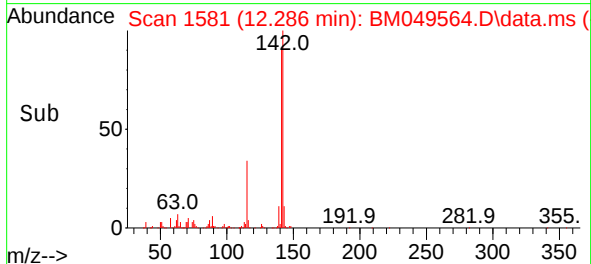
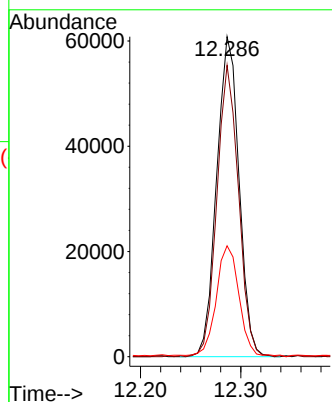
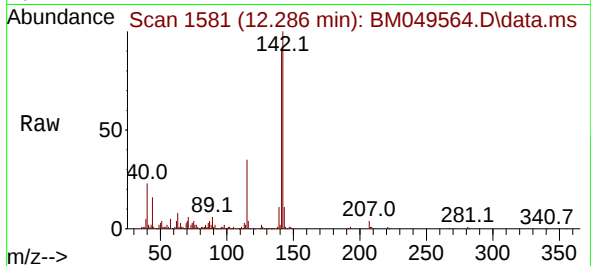




#37
2-Methylnaphthalene
Concen: 2.222 ng
RT: 12.286 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

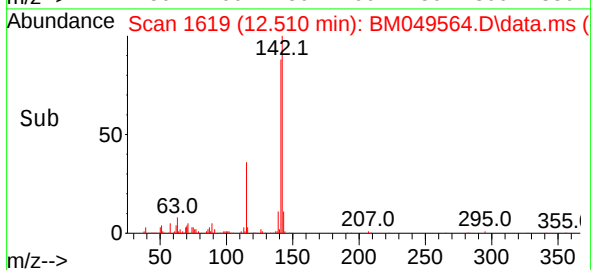
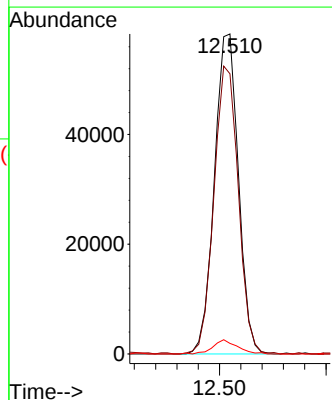
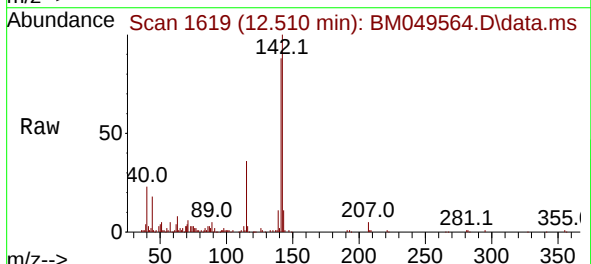
Instrument :
BNA_M
ClientSampleId :

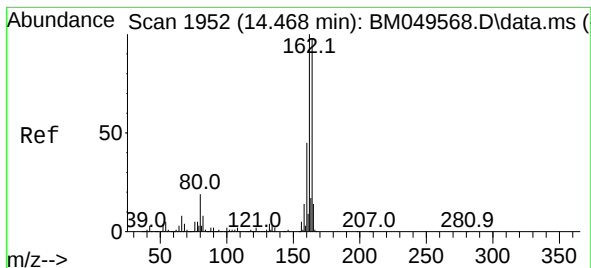
Tgt Ion:142 Resp: 94108
Ion Ratio Lower Upper
142 100
141 91.0 70.2 105.4
115 34.7 27.5 41.3



#38
1-Methylnaphthalene
Concen: 2.211 ng
RT: 12.510 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:142 Resp: 91110
Ion Ratio Lower Upper
142 100
141 87.5 73.1 109.7
116 3.3 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

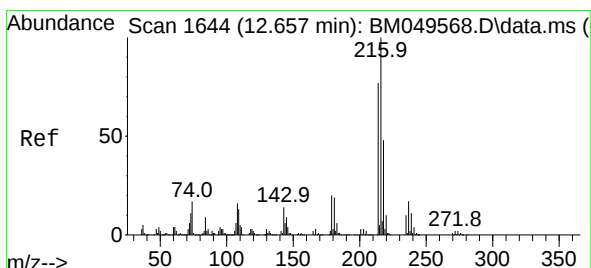
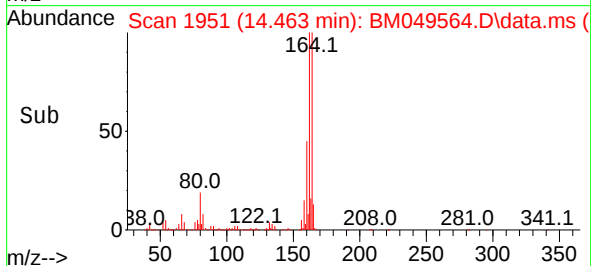
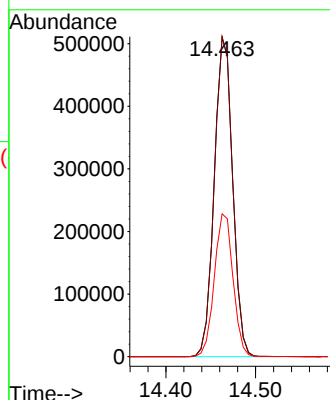
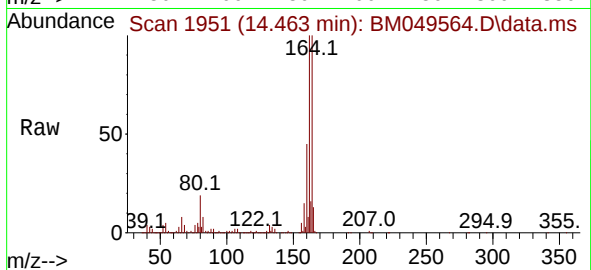
Tgt Ion:164 Resp: 725144

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 44.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.060 ng

RT: 12.657 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Tgt Ion:216 Resp: 49105

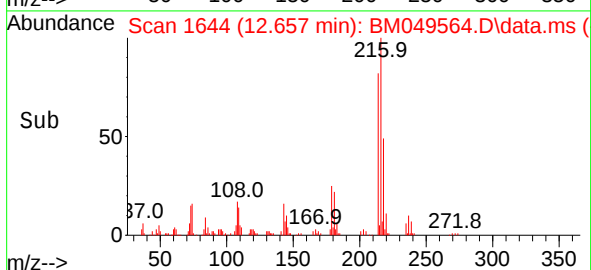
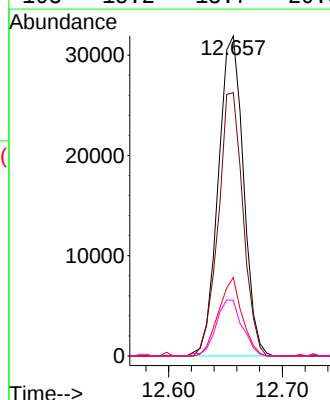
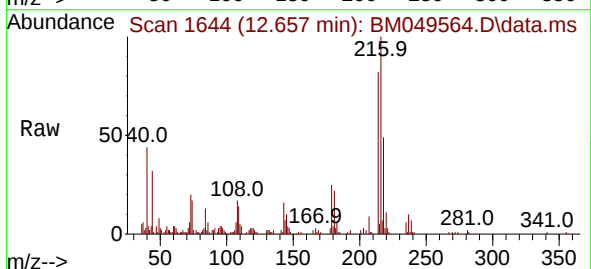
Ion Ratio Lower Upper

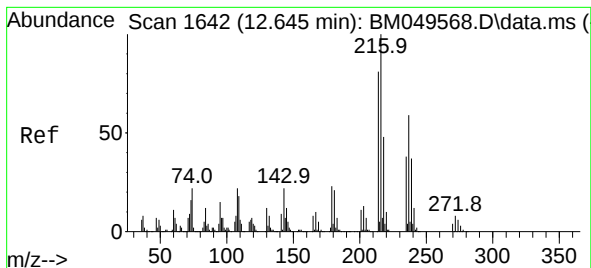
216 100

214 80.8 62.4 93.6

179 23.0 16.3 24.5

108 18.2 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 1.721 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

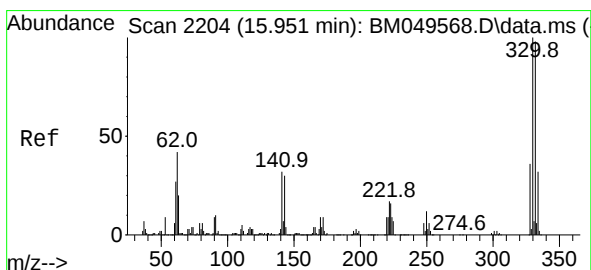
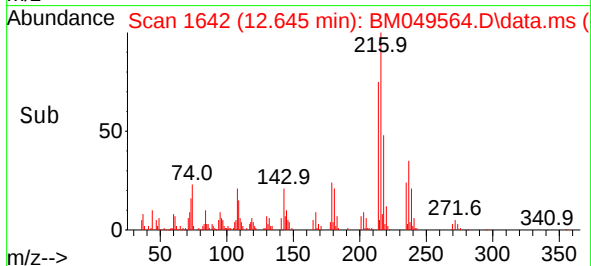
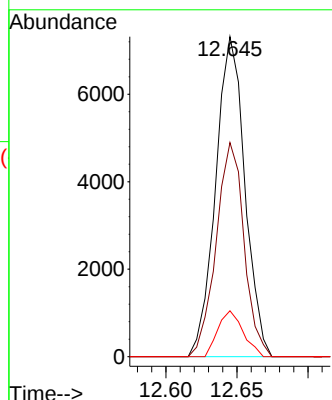
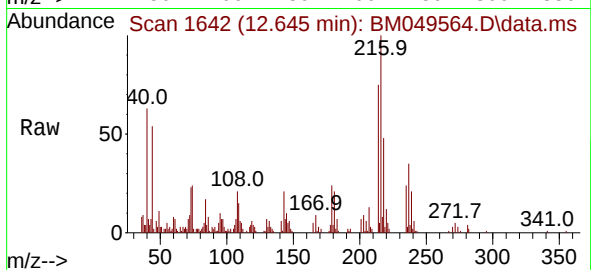
Tgt Ion:237 Resp: 10475

Ion Ratio Lower Upper

237 100

235 66.9 43.8 83.8

272 14.3 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 2.916 ng

RT: 15.945 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

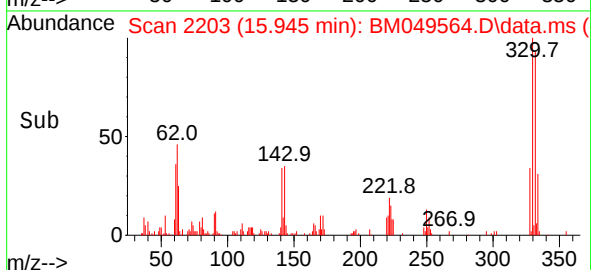
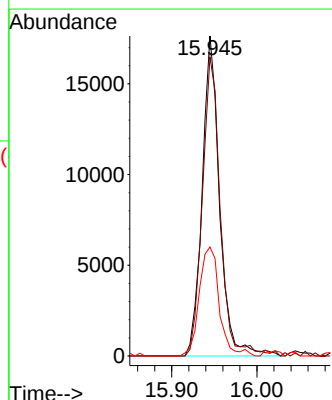
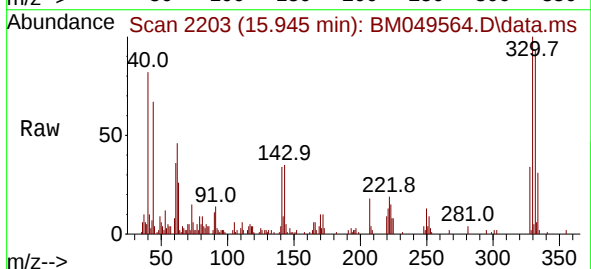
Tgt Ion:330 Resp: 25052

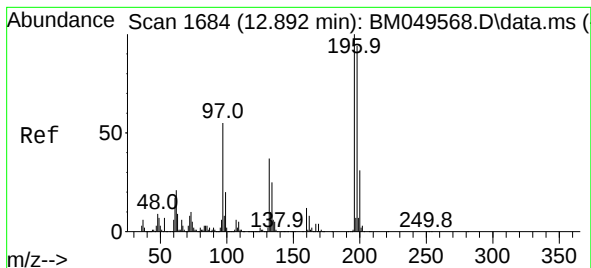
Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 39.1 28.2 42.2





#43

2,4,6-Trichlorophenol

Concen: 1.874 ng

RT: 12.892 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

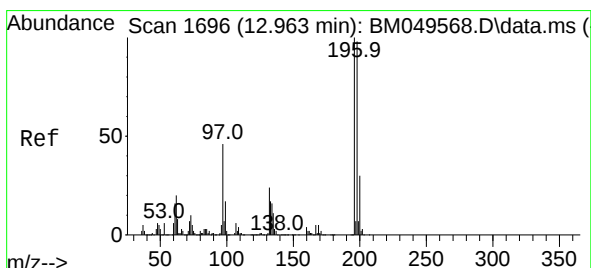
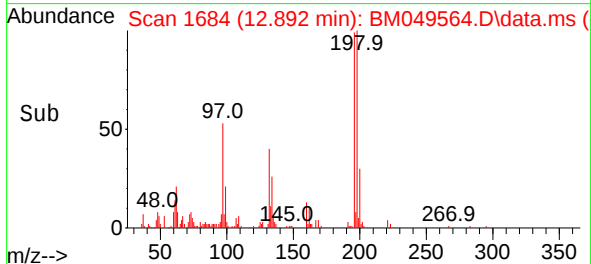
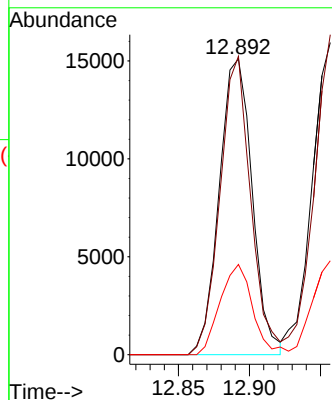
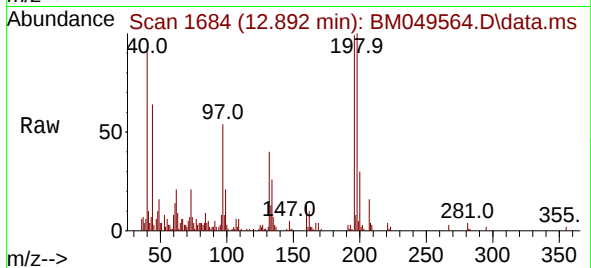
Tgt Ion:196 Resp: 24379

Ion Ratio Lower Upper

196 100

198 100.8 75.4 113.0

200 30.5 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 1.749 ng

RT: 12.957 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Tgt Ion:196 Resp: 25000

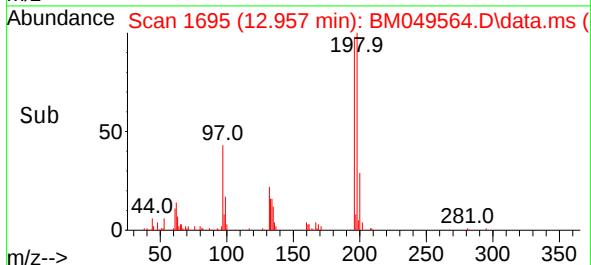
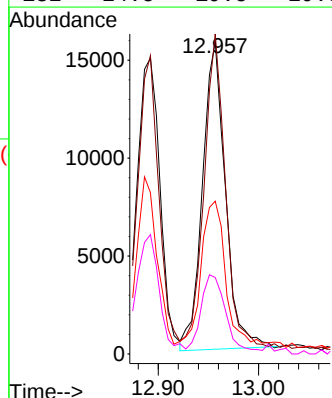
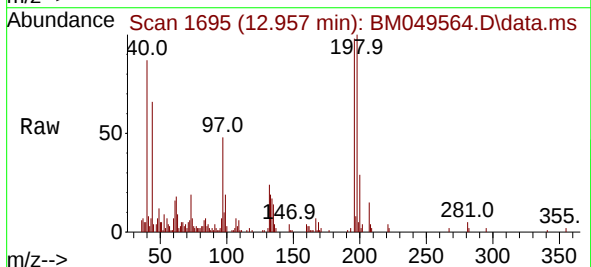
Ion Ratio Lower Upper

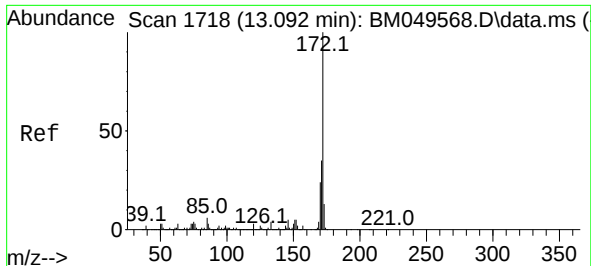
196 100

198 102.5 78.4 117.6

97 49.0 37.4 56.0

132 24.5 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 4.139 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

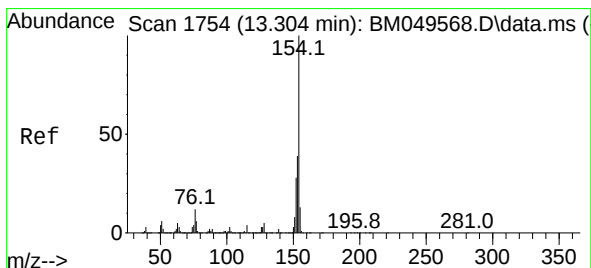
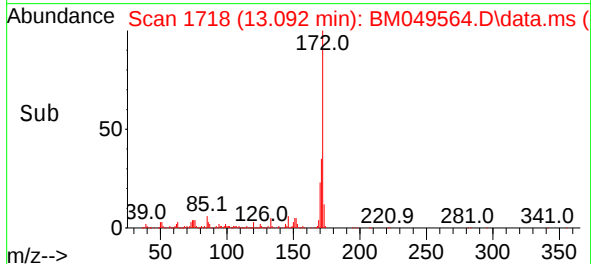
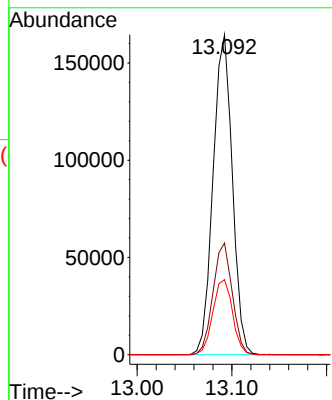
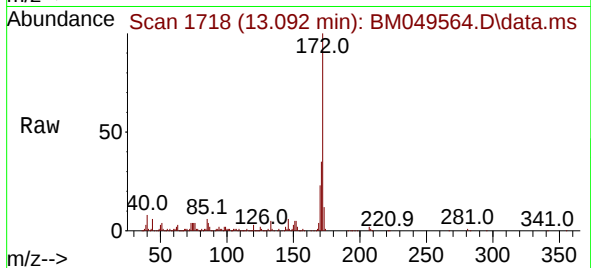
Tgt Ion:172 Resp: 231671

Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 2.185 ng

RT: 13.298 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

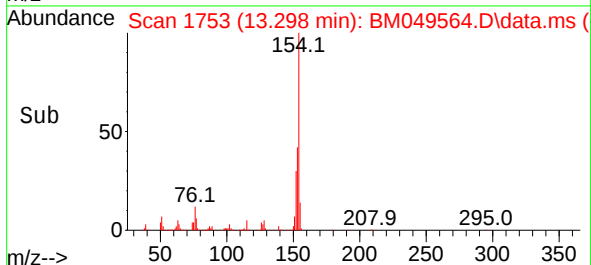
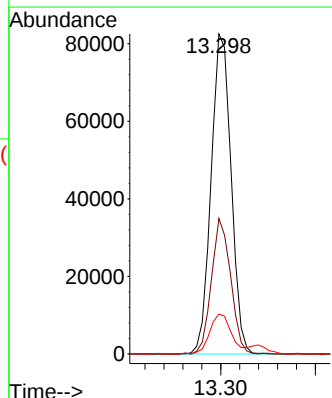
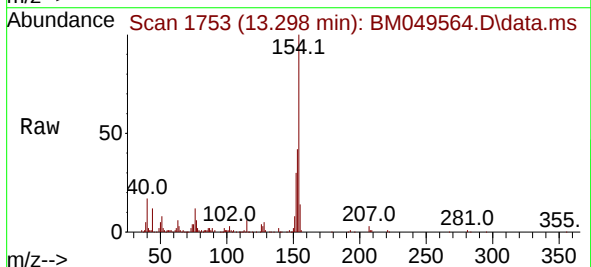
Tgt Ion:154 Resp: 120858

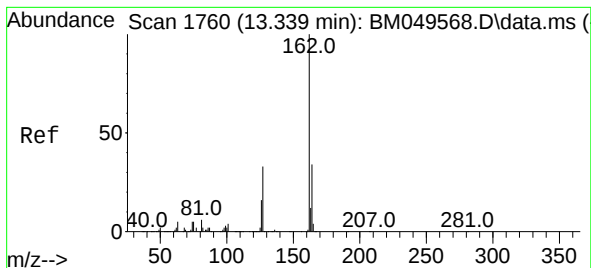
Ion Ratio Lower Upper

154 100

153 42.3 19.5 59.5

76 12.5 0.0 32.1

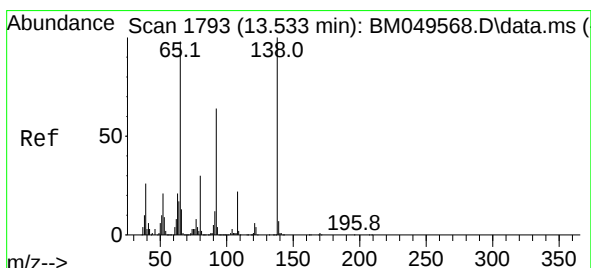
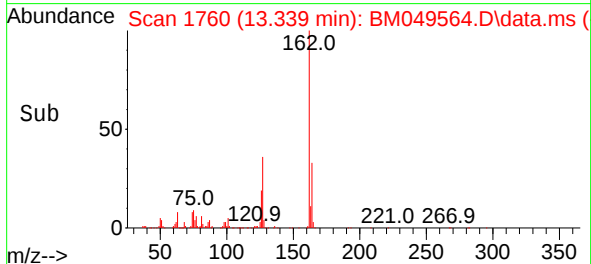
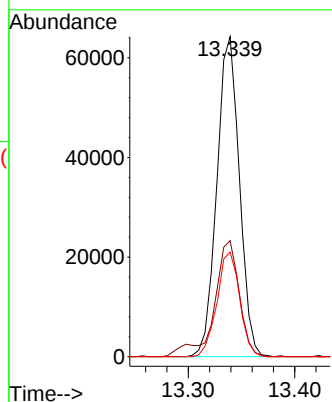
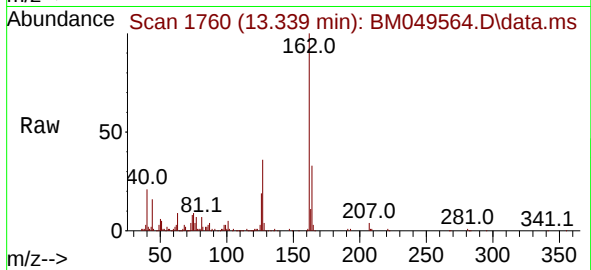




#47
2-Chloronaphthalene
Concen: 2.201 ng
RT: 13.339 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

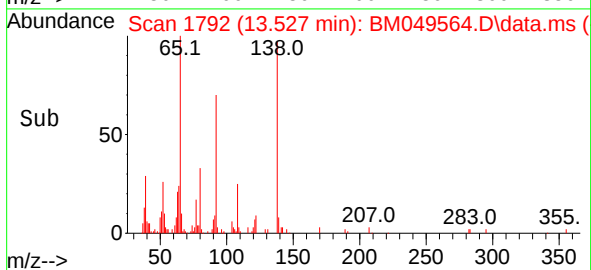
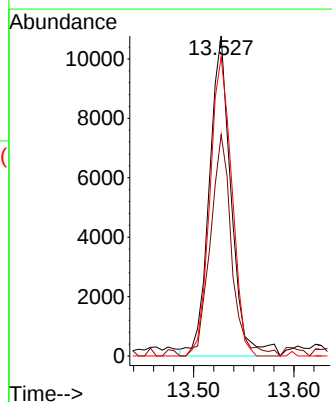
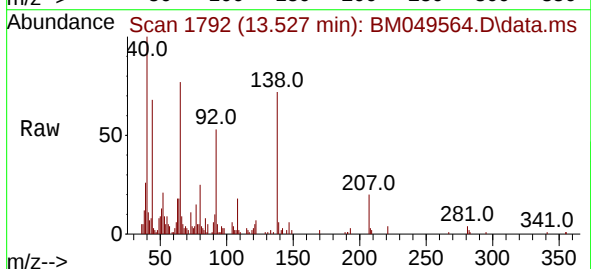
Instrument :
BNA_M
ClientSampleId :

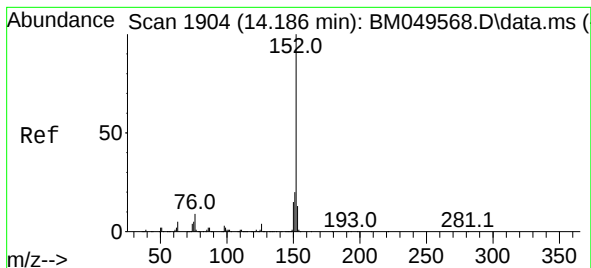
Tgt Ion:162 Resp: 94190
Ion Ratio Lower Upper
162 100
127 36.2 27.9 41.9
164 32.7 26.8 40.2



#48
2-Nitroaniline
Concen: 5.450 ng
RT: 13.527 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 65 Resp: 16329
Ion Ratio Lower Upper
65 100
92 69.1 52.0 78.0
138 93.5 81.6 122.4





#49

Acenaphthylene

Concen: 2.207 ng

RT: 14.186 min Scan# 1

Delta R.T. 0.000 min

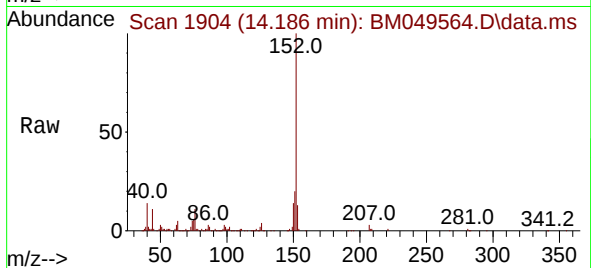
Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :



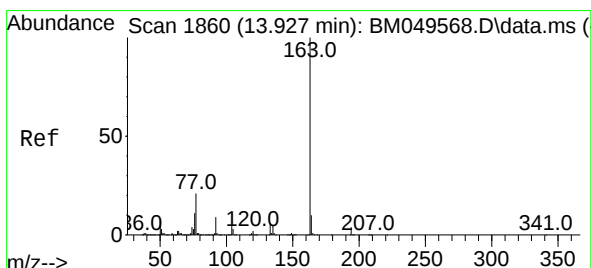
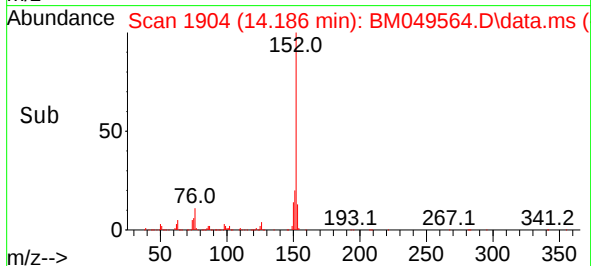
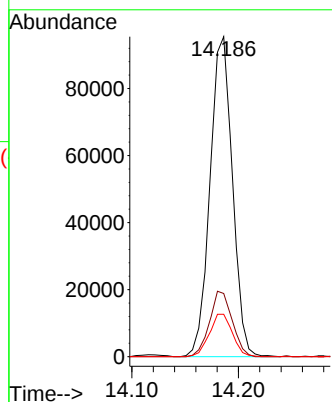
Tgt Ion:152 Resp: 139287

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 2.193 ng

RT: 13.922 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

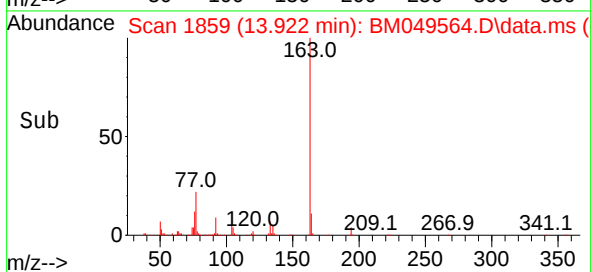
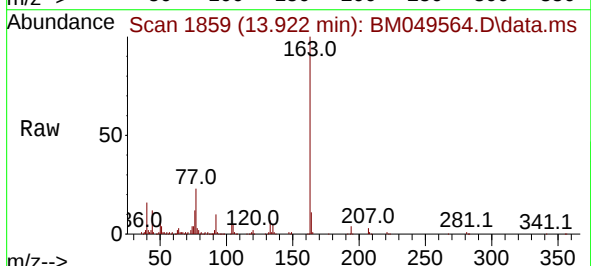
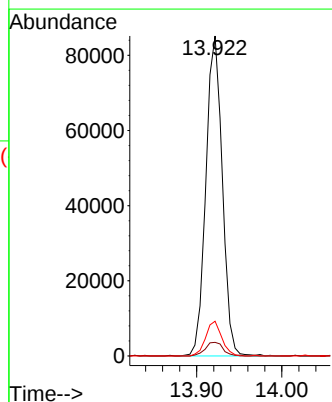
Tgt Ion:163 Resp: 114183

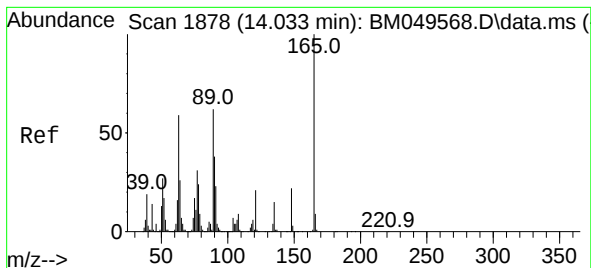
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 1.536 ng

RT: 14.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

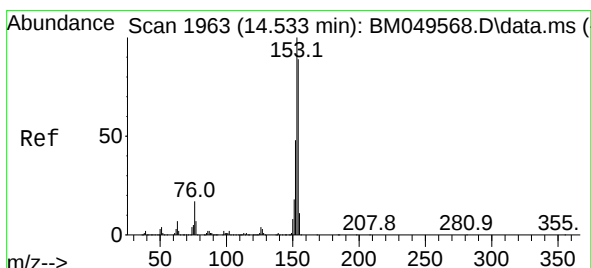
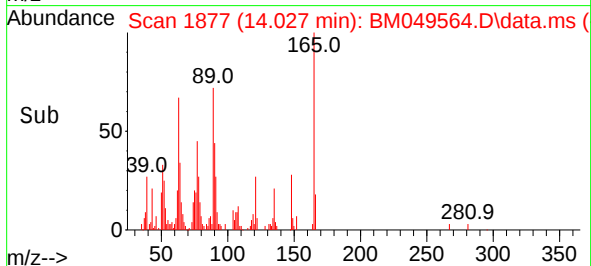
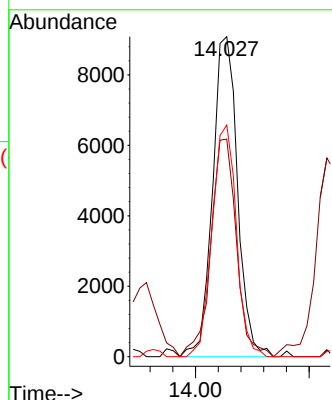
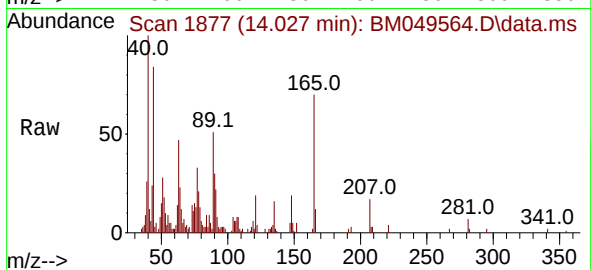
Tgt Ion:165 Resp: 13840

Ion Ratio Lower Upper

165 100

63 68.0 47.8 71.6

89 72.4 49.2 73.8



#52

Acenaphthene

Concen: 2.092 ng

RT: 14.527 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

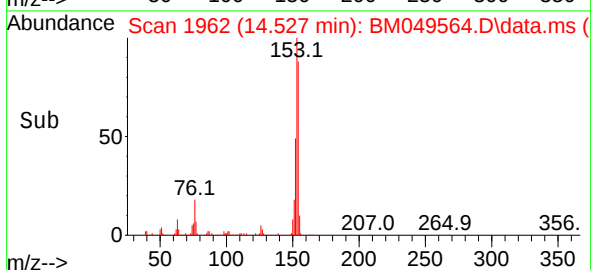
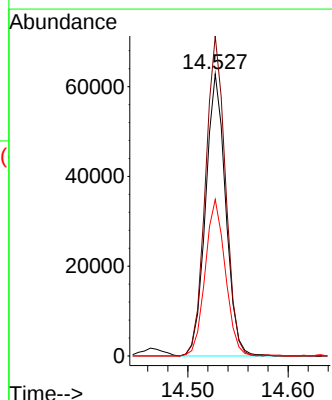
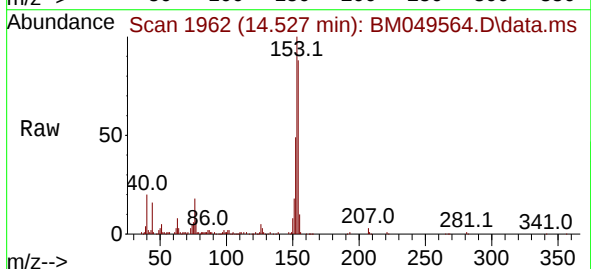
Tgt Ion:154 Resp: 87627

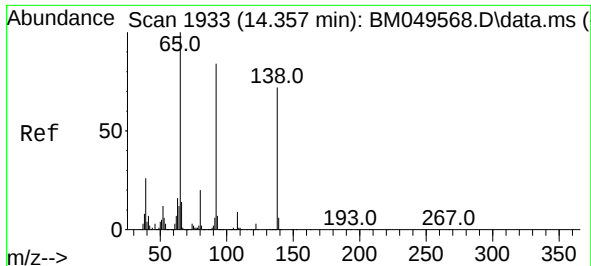
Ion Ratio Lower Upper

154 100

153 113.4 90.0 135.0

152 55.5 43.0 64.4





#53

3-Nitroaniline

Concen: 1.523 ng

RT: 14.351 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

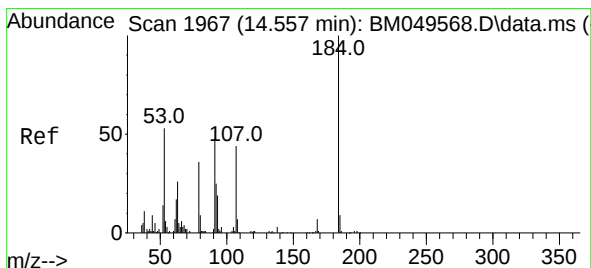
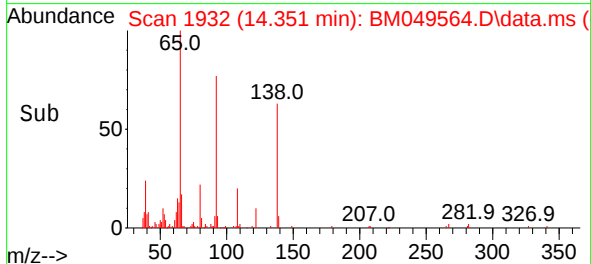
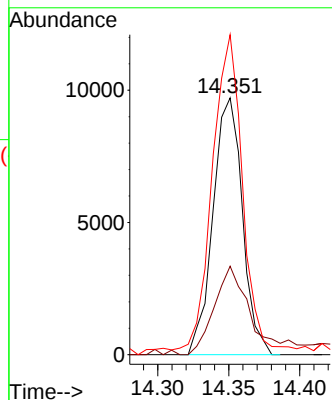
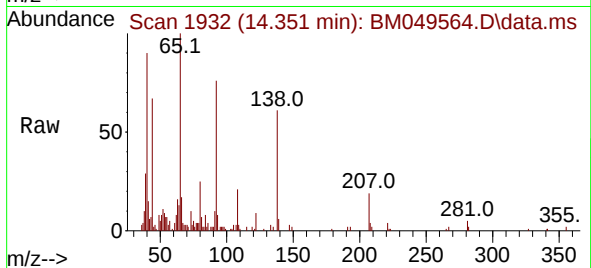
Tgt Ion:138 Resp: 13976

Ion Ratio Lower Upper

138 100

108 34.4 10.3 15.5#

92 124.6 93.6 140.4



#54

2,4-Dinitrophenol

Concen: 3.136 ng

RT: 14.551 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

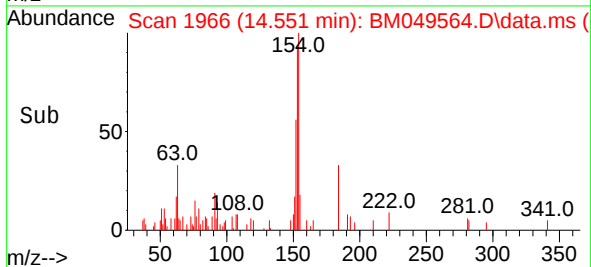
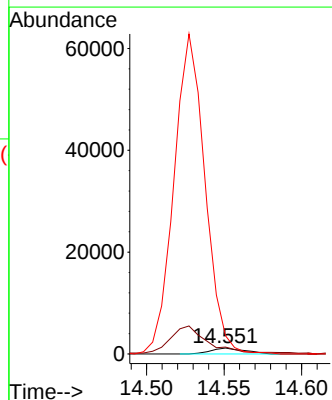
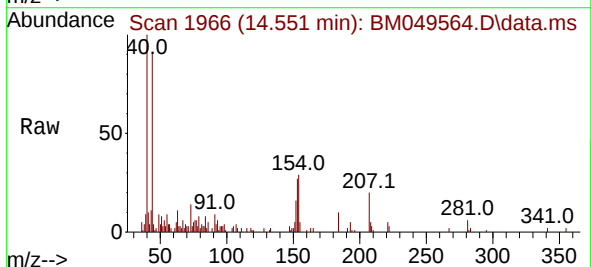
Tgt Ion:184 Resp: 1763

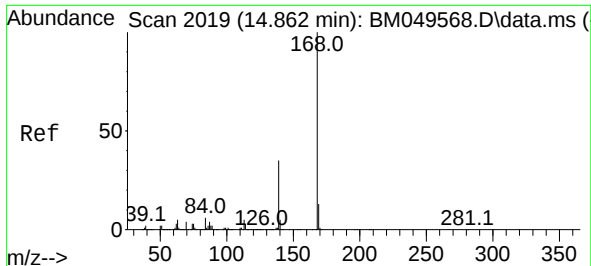
Ion Ratio Lower Upper

184 100

63 114.2 60.2 90.4#

154 304.2 78.2 117.4#

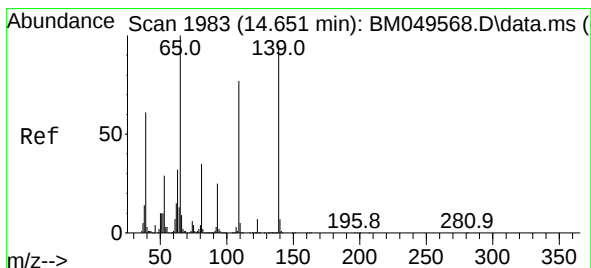
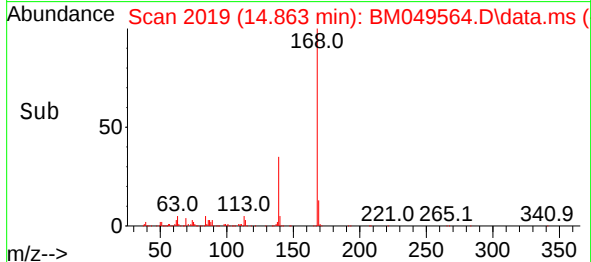
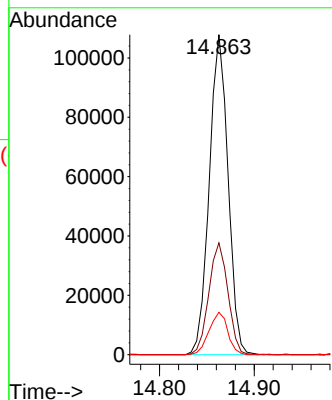
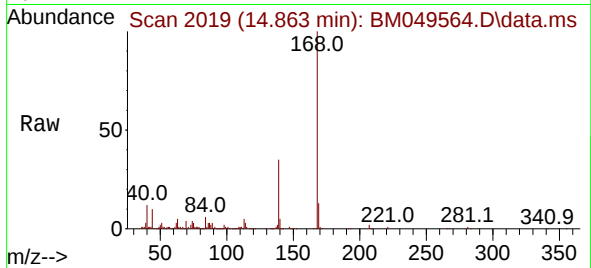




#55
 Dibenzenofuran
 Concen: 2.226 ng
 RT: 14.863 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BM049564.D
 Acq: 05 Feb 2025 11:05

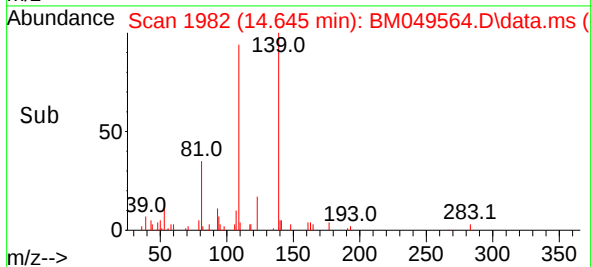
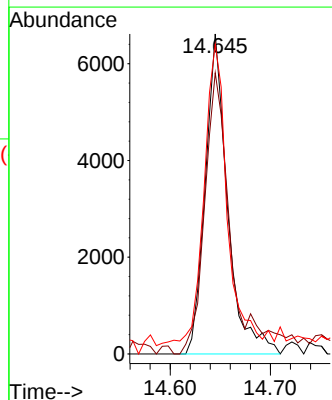
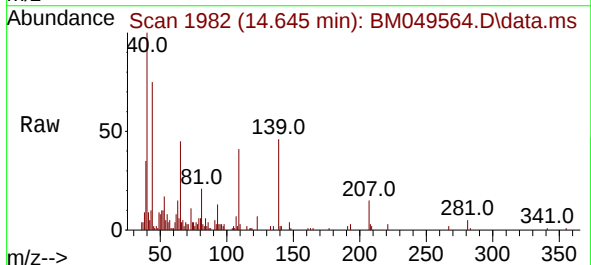
Instrument :
 BNA_M
 ClientSampleId :

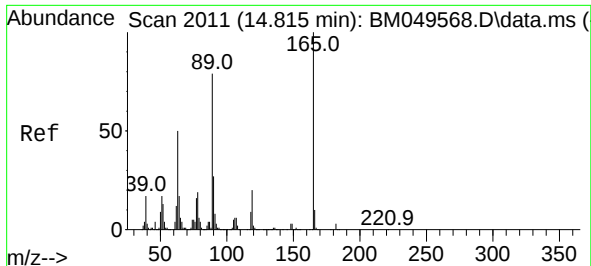
Tgt Ion:168 Resp: 148460
 Ion Ratio Lower Upper
 168 100
 139 34.9 28.4 42.6
 169 13.3 10.8 16.2



#56
 4-Nitrophenol
 Concen: 1.328 ng
 RT: 14.645 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BM049564.D
 Acq: 05 Feb 2025 11:05

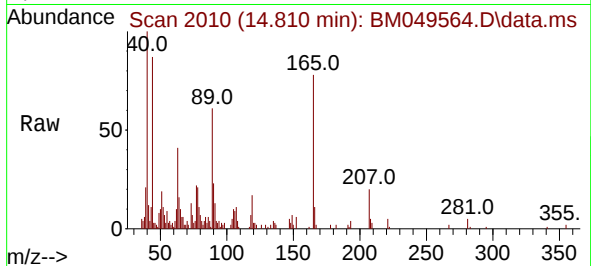
Tgt Ion:139 Resp: 10272
 Ion Ratio Lower Upper
 139 100
 109 87.9 61.4 101.4
 65 96.8 85.6 125.6



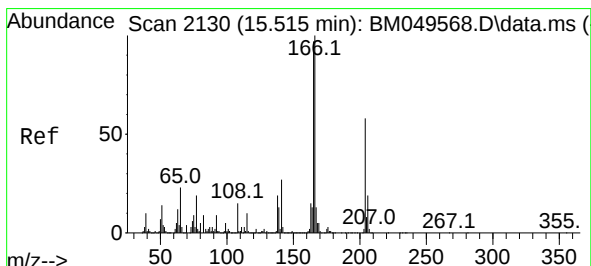
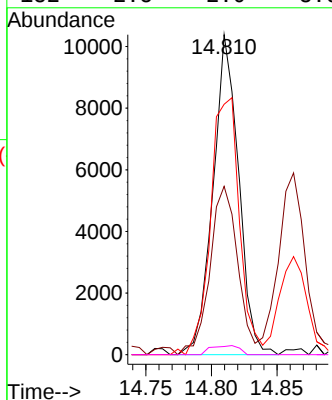
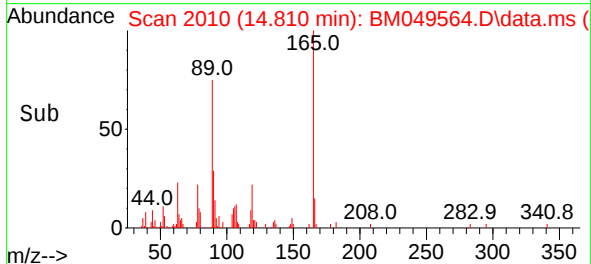


#57
2,4-Dinitrotoluene
Concen: 3.858 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

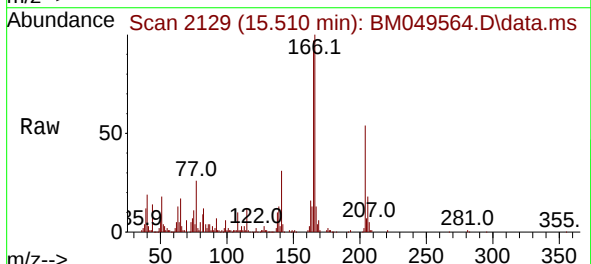
Instrument :
BNA_M
ClientSampleId :



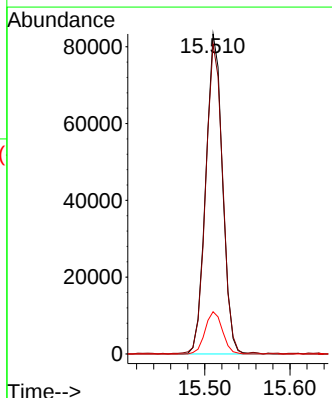
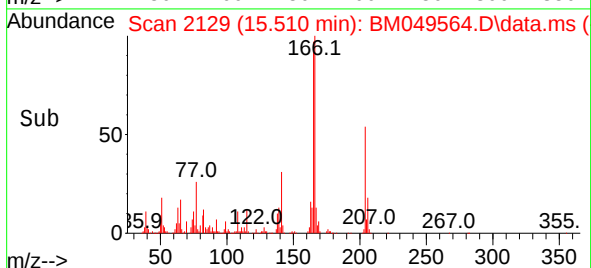
Tgt Ion:165 Resp: 14100
Ion Ratio Lower Upper
165 100
63 52.6 39.8 59.6
89 78.2 63.5 95.3
182 2.5 2.0 3.0

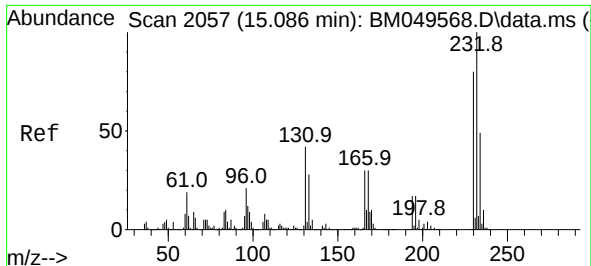


#58
Fluorene
Concen: 1.991 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05



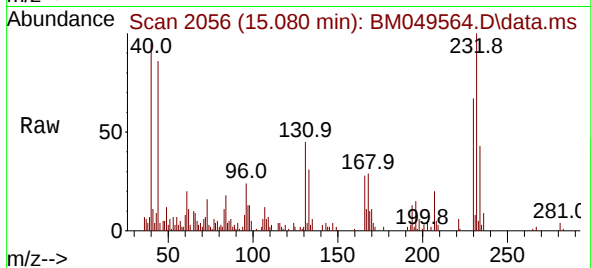
Tgt Ion:166 Resp: 113604
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.2 10.7 16.1



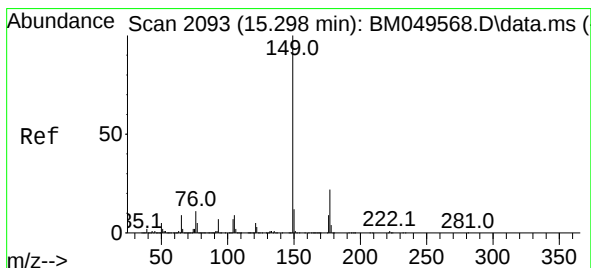
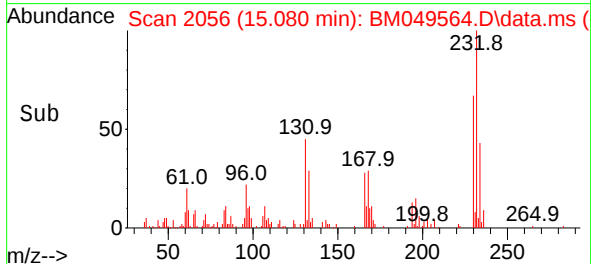
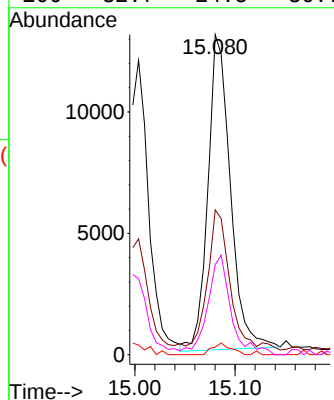


#59
2,3,4,6-Tetrachlorophenol
Concen: 1.679 ng
RT: 15.080 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :

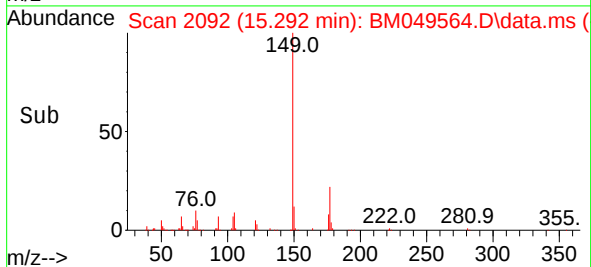
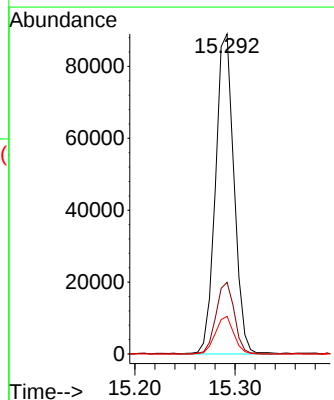
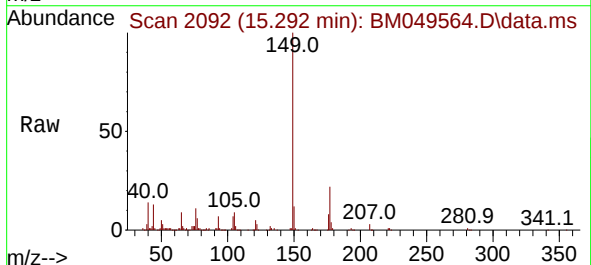


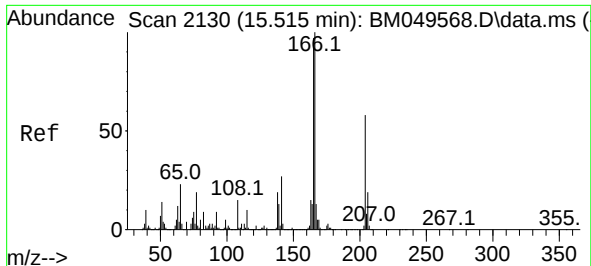
Tgt Ion:232 Resp: 20281
Ion Ratio Lower Upper
232 100
131 45.4 34.5 51.7
130 3.0 1.9 2.9#
166 32.7 24.5 36.7



#60
Diethylphthalate
Concen: 2.183 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:149 Resp: 114272
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 11.8 9.7 14.5

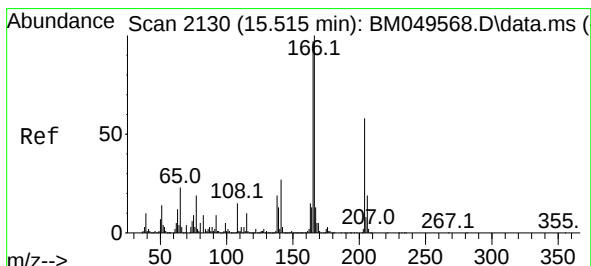
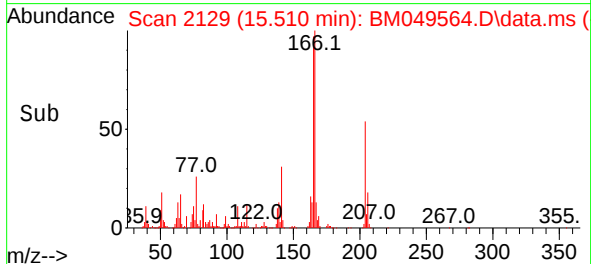
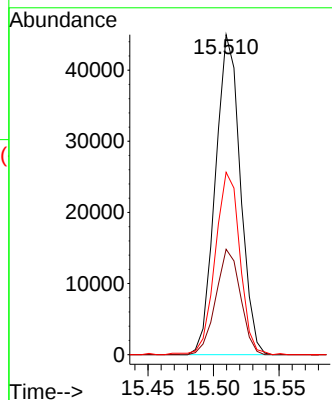
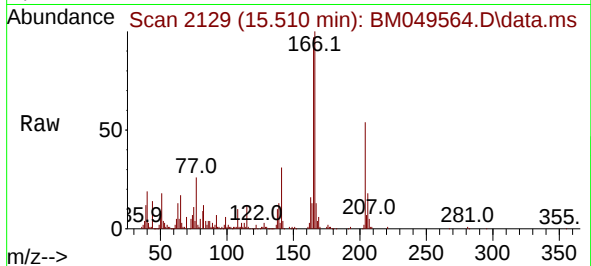




#61
4-Chlorophenyl-phenylether
Concen: 1.952 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

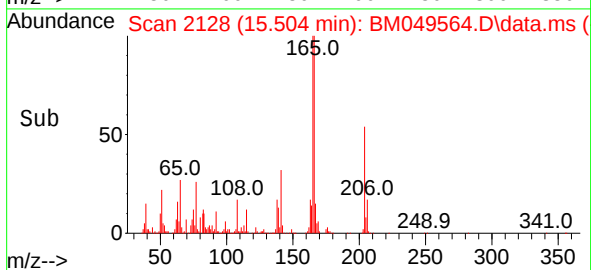
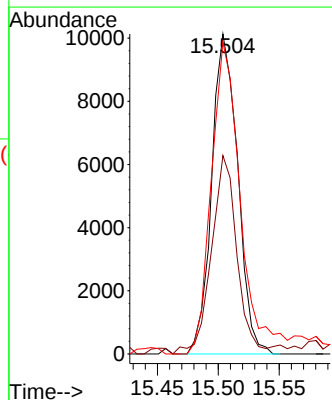
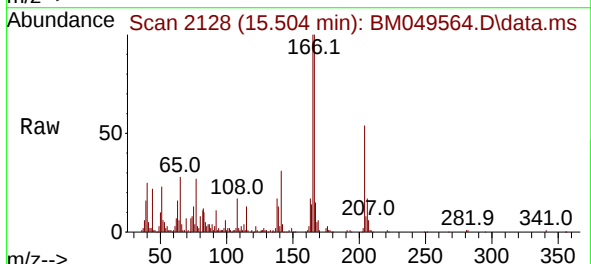
Instrument :
BNA_M
ClientSampleId :

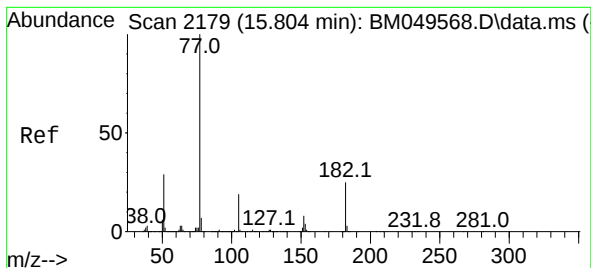
Tgt Ion:204 Resp: 59289
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 57.0 37.1 55.7#



#62
4-Nitroaniline
Concen: 5.365 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:138 Resp: 15031
Ion Ratio Lower Upper
138 100
92 62.0 29.3 69.3
108 97.5 60.1 100.1





#63

Azobenzene

Concen: 2.371 ng

RT: 15.804 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 129498

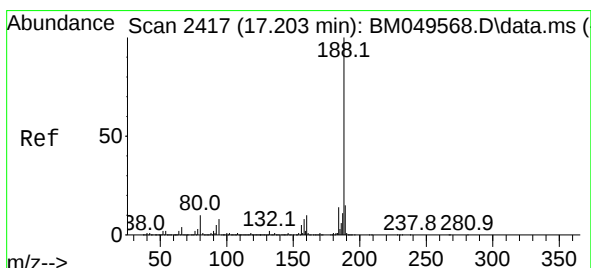
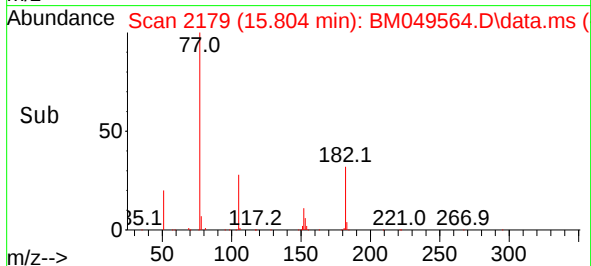
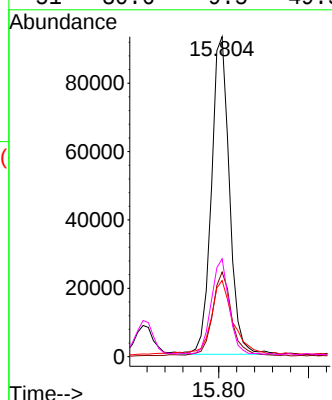
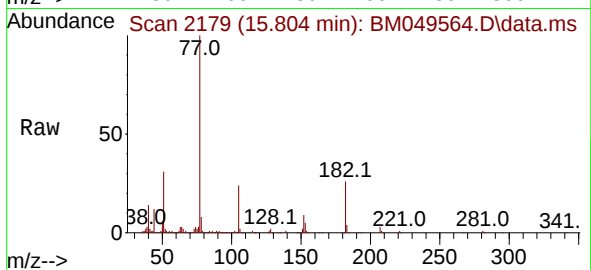
Ion Ratio Lower Upper

77 100

182 26.5 4.7 44.7

105 23.8 0.0 39.3

51 30.6 9.5 49.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

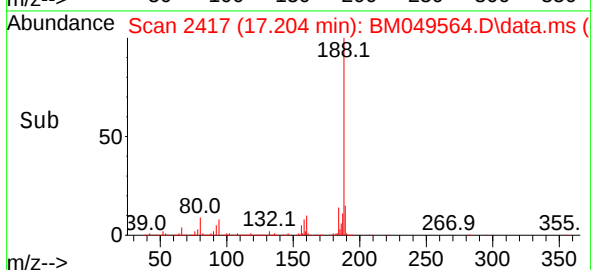
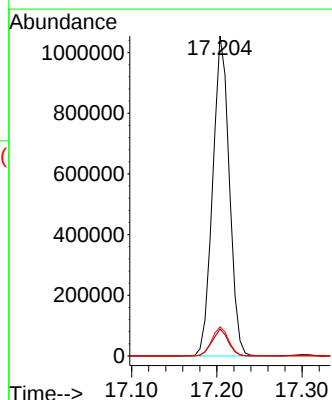
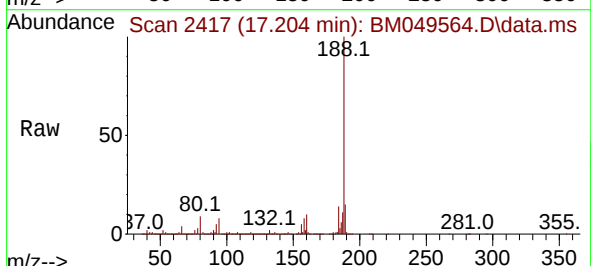
Tgt Ion: 188 Resp: 1428221

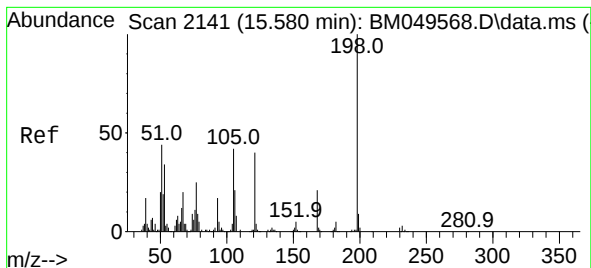
Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 9.1 7.7 11.5

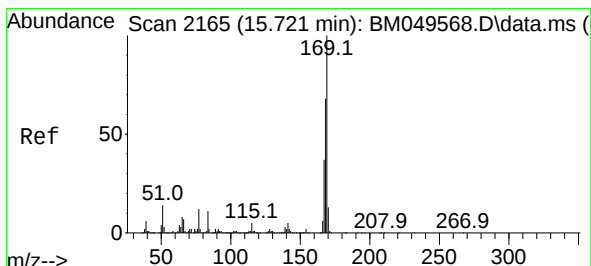
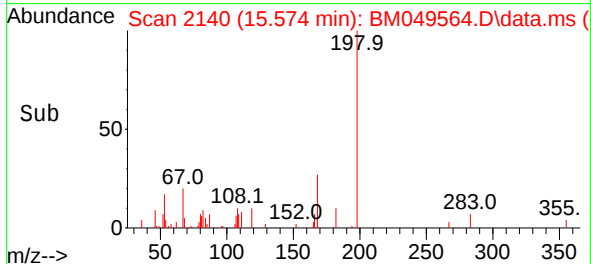
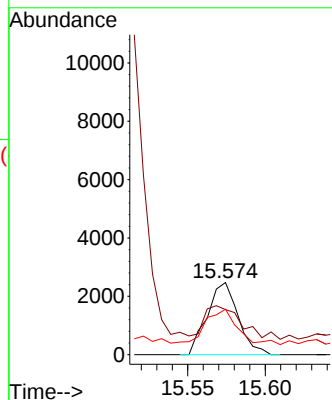
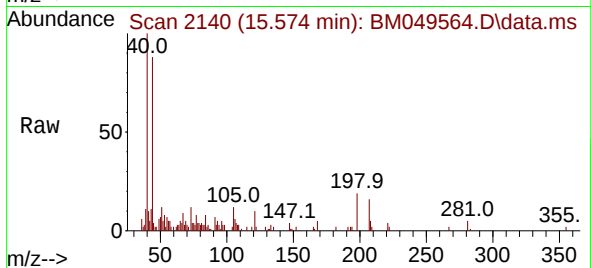




#65
4,6-Dinitro-2-methylphenol
Concen: 5.089 ng
RT: 15.574 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

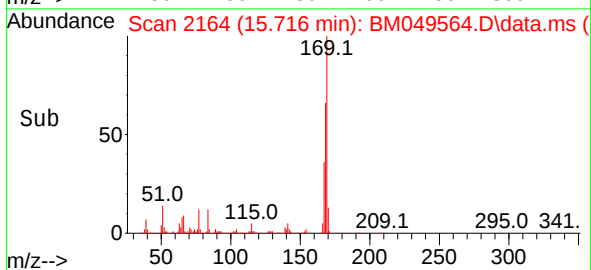
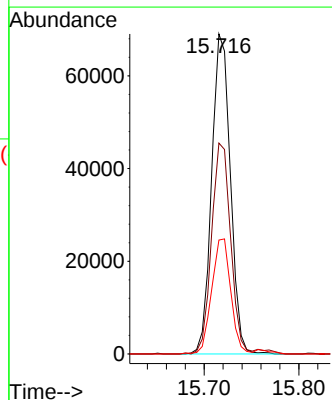
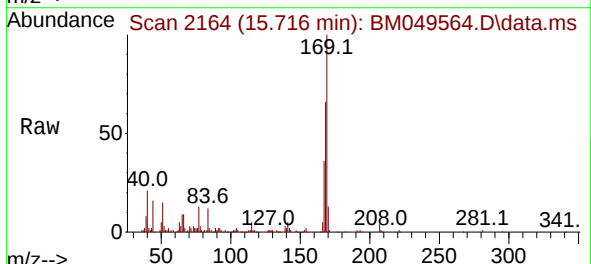
Instrument :
BNA_M
ClientSampleId :

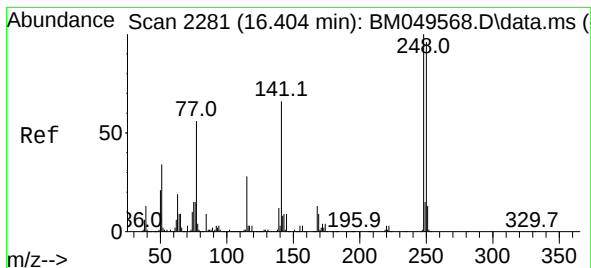
Tgt Ion:198 Resp: 3427
Ion Ratio Lower Upper
198 100
51 62.5 26.9 66.9
105 62.9 22.8 62.8#



#66
n-Nitrosodiphenylamine
Concen: 2.099 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:169 Resp: 94527
Ion Ratio Lower Upper
169 100
168 65.9 54.2 81.4
167 35.6 29.5 44.3

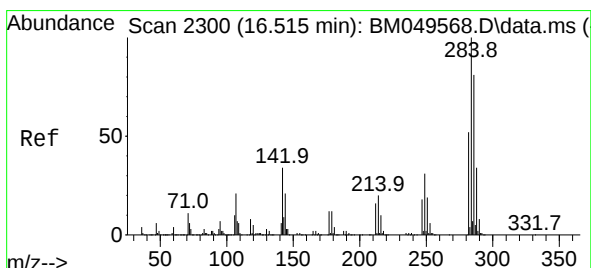
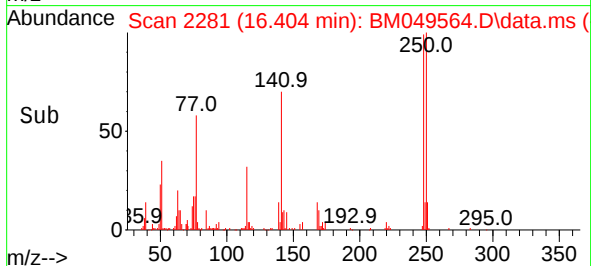
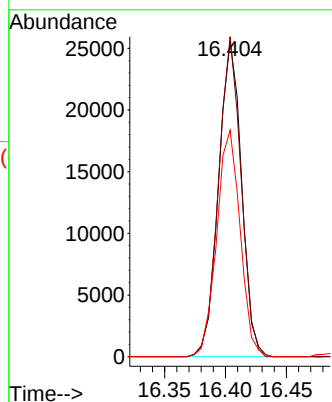
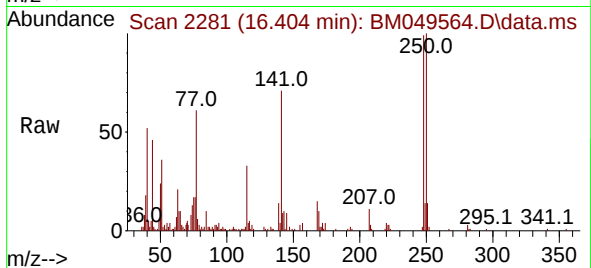




#67
4-Bromophenyl-phenylether
Concen: 2.020 ng
RT: 16.404 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

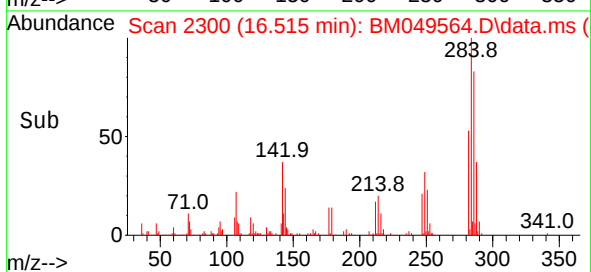
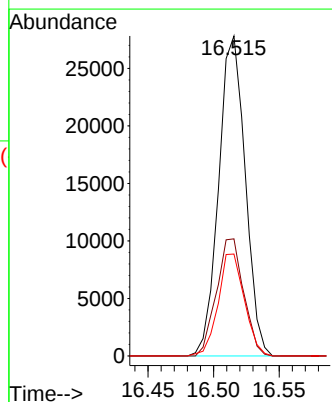
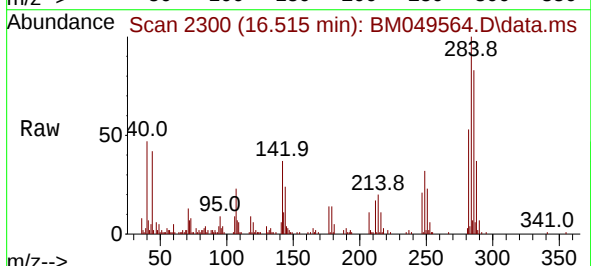
Instrument :
BNA_M
ClientSampleId :

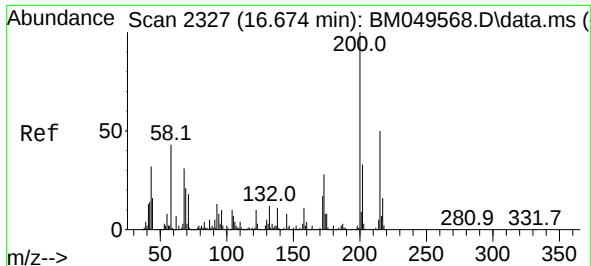
Tgt Ion:248 Resp: 33515
Ion Ratio Lower Upper
248 100
250 101.3 77.0 115.4
141 71.7 53.0 79.4



#68
Hexachlorobenzene
Concen: 2.055 ng
RT: 16.515 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:284 Resp: 39141
Ion Ratio Lower Upper
284 100
142 36.6 27.1 40.7
249 31.9 24.6 36.8

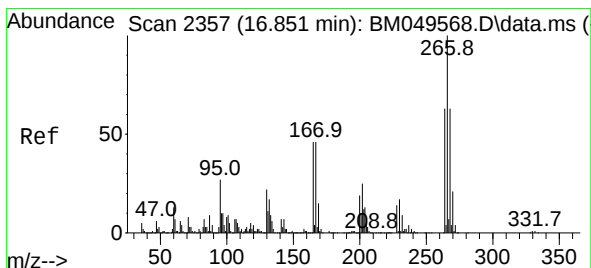
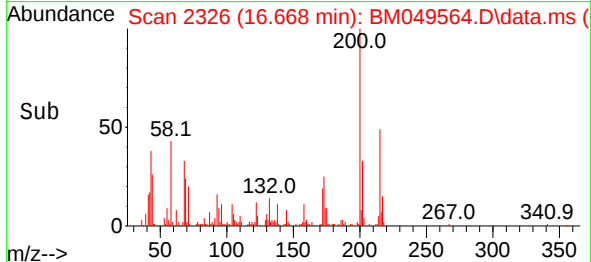
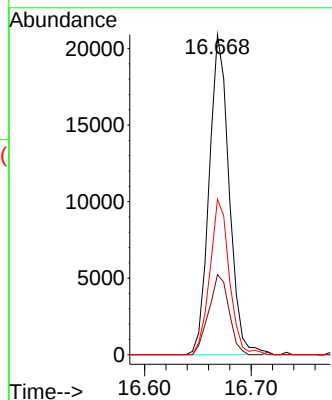
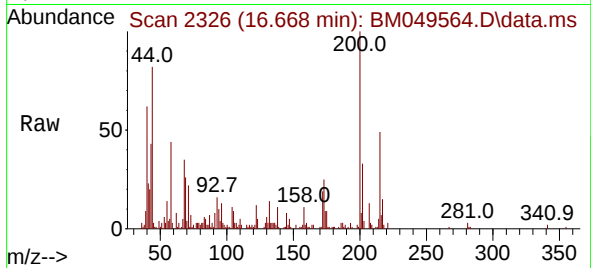




#69
 Atrazine
 Concen: 2.034 ng
 RT: 16.668 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM049564.D
 Acq: 05 Feb 2025 11:05

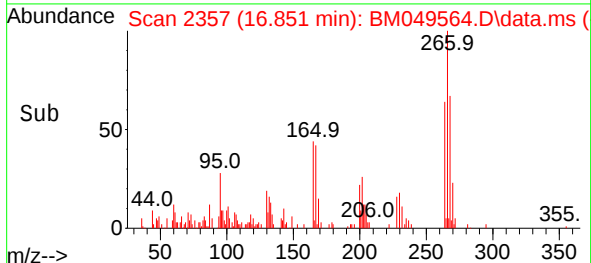
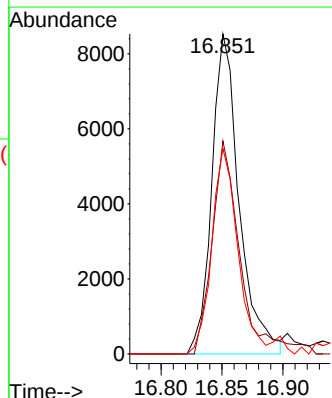
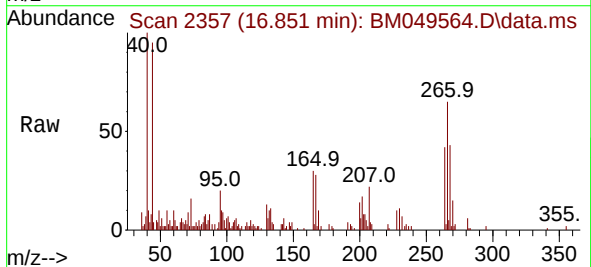
Instrument :
 BNA_M
 ClientSampleId :

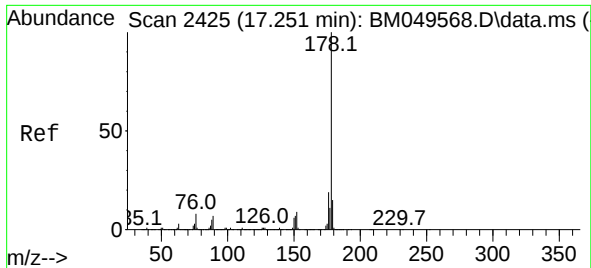
Tgt Ion:200 Resp: 27232
 Ion Ratio Lower Upper
 200 100
 173 25.0 7.6 47.6
 215 48.6 30.2 70.2



#70
 Pentachlorophenol
 Concen: 8.650 ng
 RT: 16.851 min Scan# 2357
 Delta R.T. 0.000 min
 Lab File: BM049564.D
 Acq: 05 Feb 2025 11:05

Tgt Ion:266 Resp: 13334
 Ion Ratio Lower Upper
 266 100
 268 66.6 50.8 76.2
 264 64.2 50.0 75.0

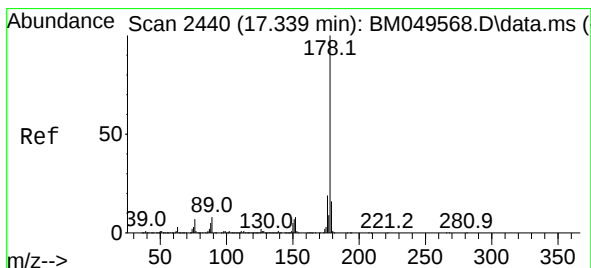
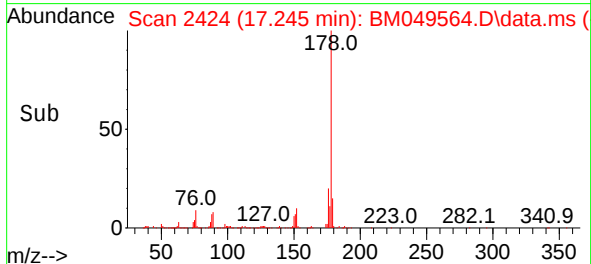
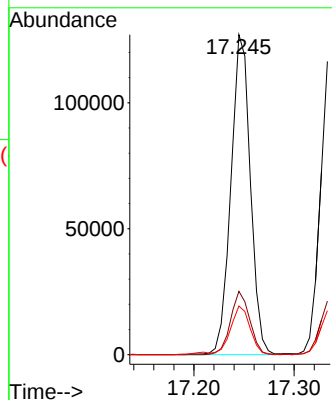
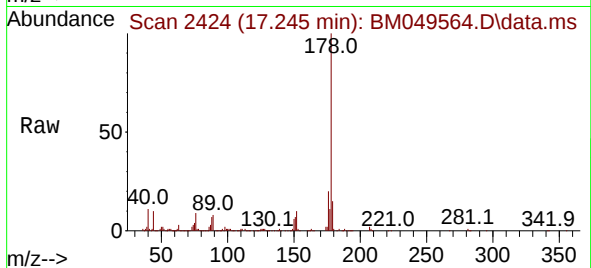




#71
Phenanthrene
Concen: 2.109 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

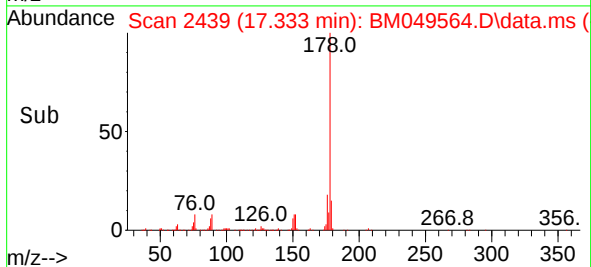
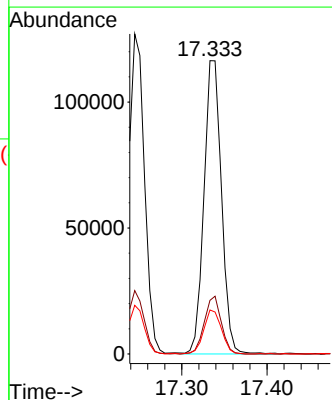
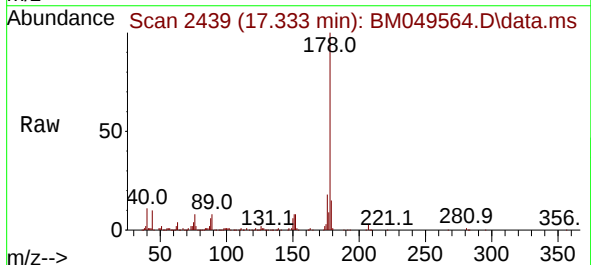
Instrument :
BNA_M
ClientSampleId :

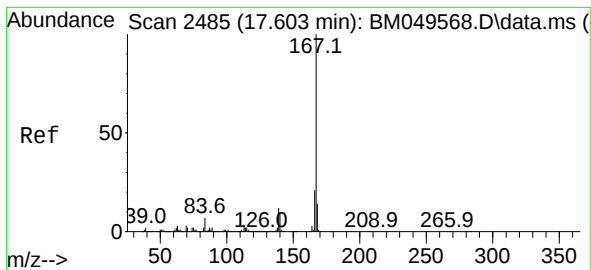
Tgt Ion:178 Resp: 171627
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.2 12.2 18.2



#72
Anthracene
Concen: 2.067 ng
RT: 17.333 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:178 Resp: 166525
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.0 12.4 18.6





#73

Carbazole

Concen: 2.138 ng

RT: 17.598 min Scan# 2484

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

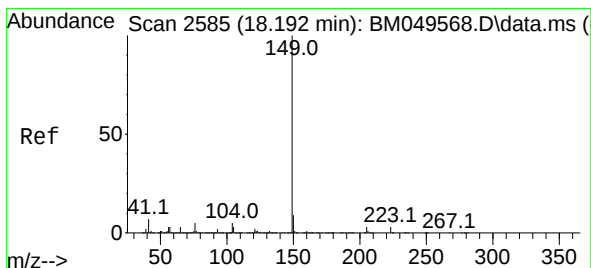
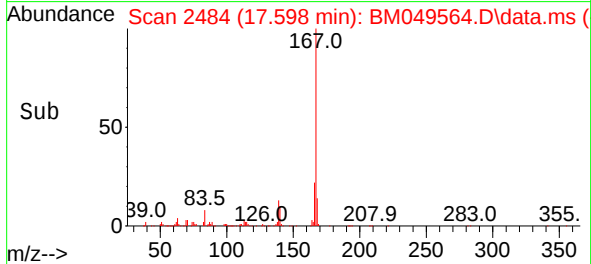
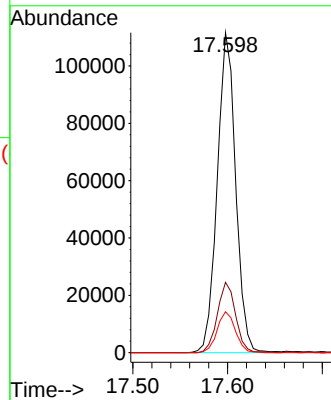
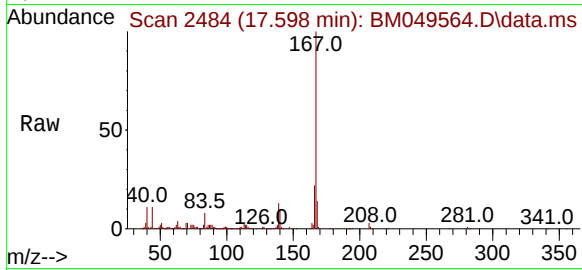
Tgt Ion:167 Resp: 151194

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 12.8 9.6 14.4



#74

Di-n-butylphthalate

Concen: 1.949 ng

RT: 18.192 min Scan# 2585

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

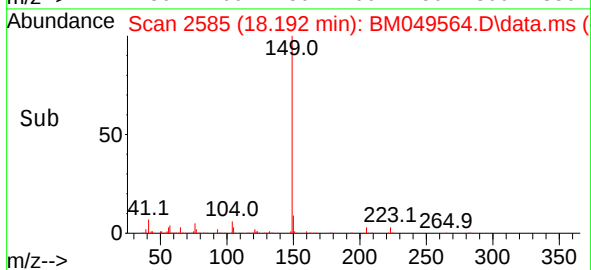
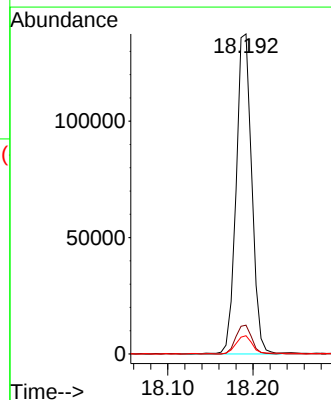
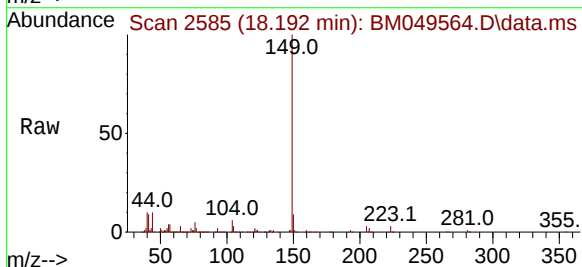
Tgt Ion:149 Resp: 174869

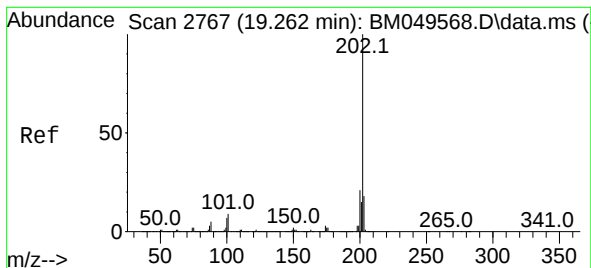
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.7 4.1 6.1





#75

Fluoranthene

Concen: 1.917 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

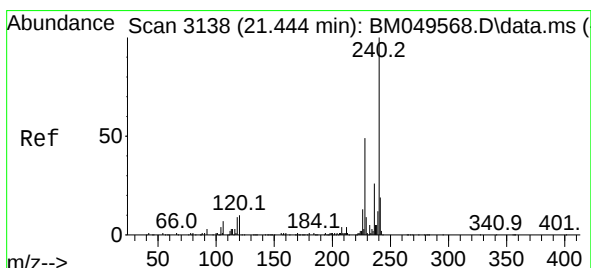
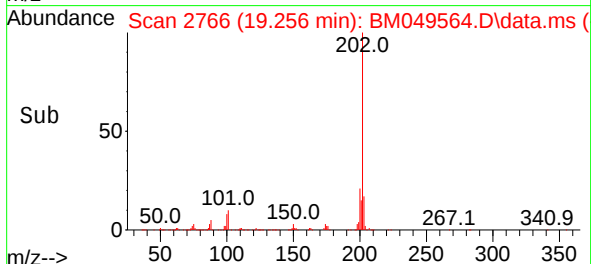
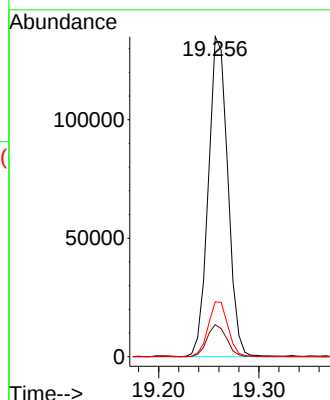
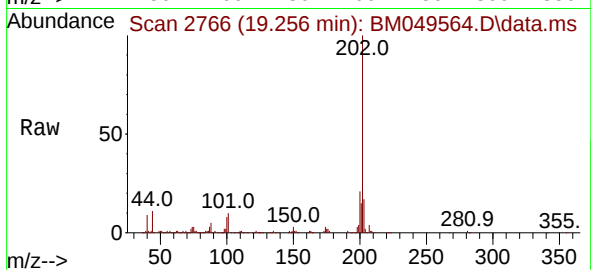
Tgt Ion:202 Resp: 182656

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.1

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

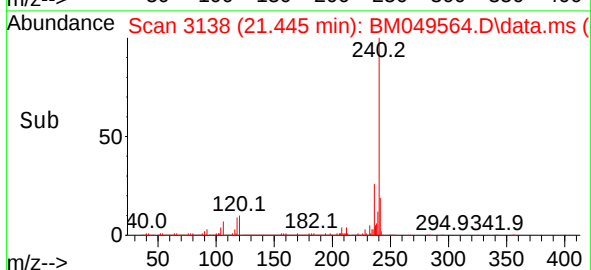
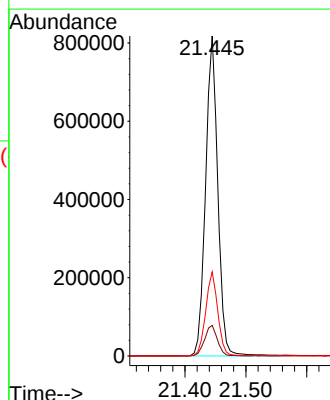
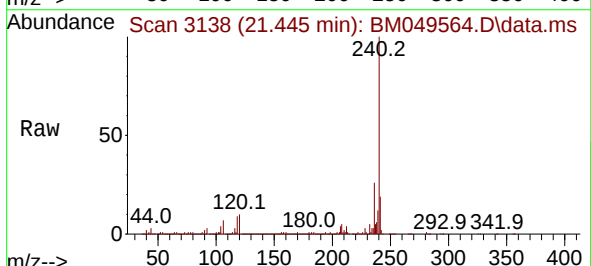
Tgt Ion:240 Resp: 1137855

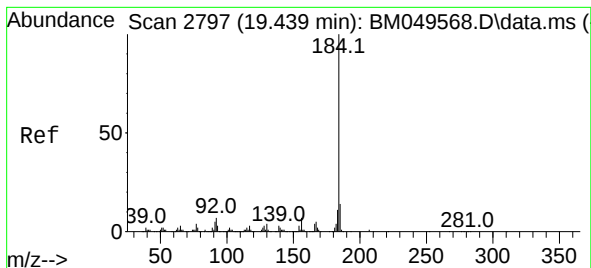
Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.8

236 26.3 20.6 31.0





#77

Benzidine

Concen: 2.719 ng

RT: 19.439 min Scan# 2797

Delta R.T. 0.000 min

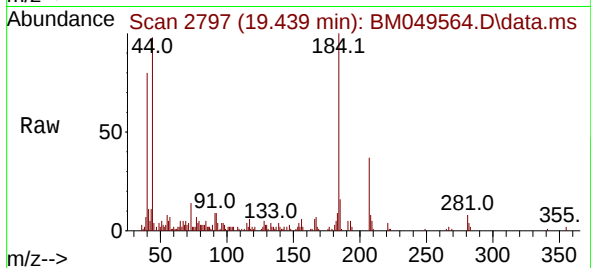
Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :



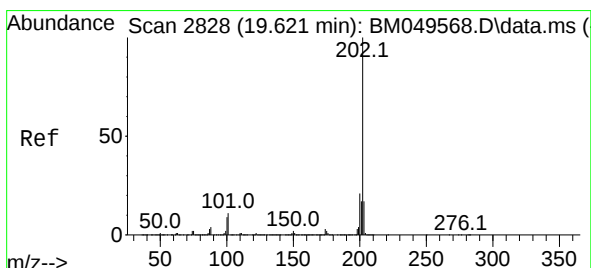
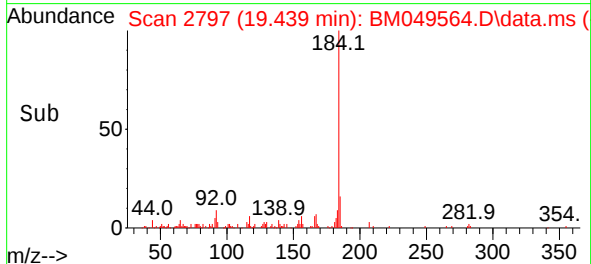
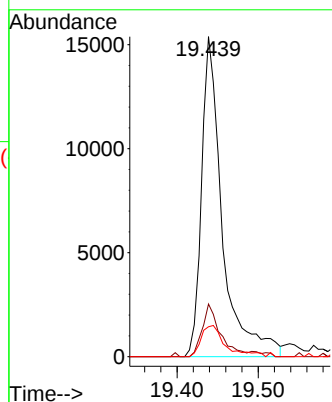
Tgt Ion:184 Resp: 27396

Ion Ratio Lower Upper

184 100

185 16.5 11.6 17.4

183 9.4 8.9 13.3



#78

Pyrene

Concen: 2.178 ng

RT: 19.621 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

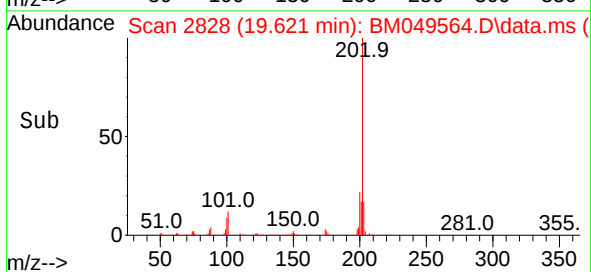
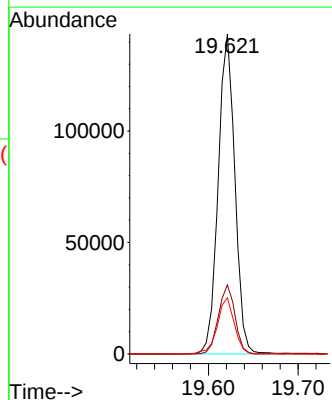
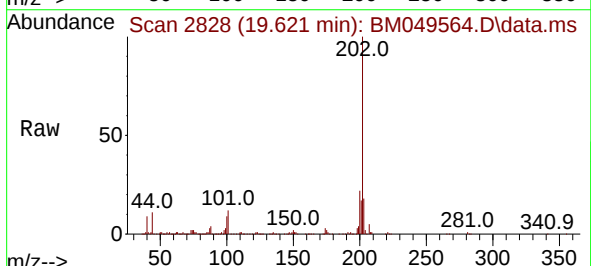
Tgt Ion:202 Resp: 185521

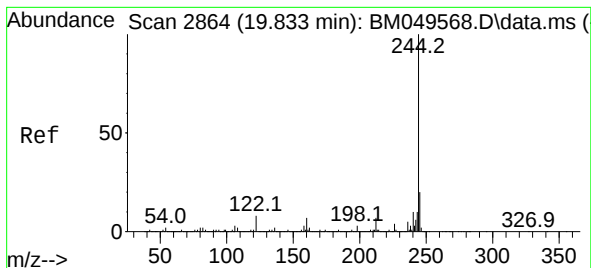
Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 3.812 ng

RT: 19.833 min Scan# 2864

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

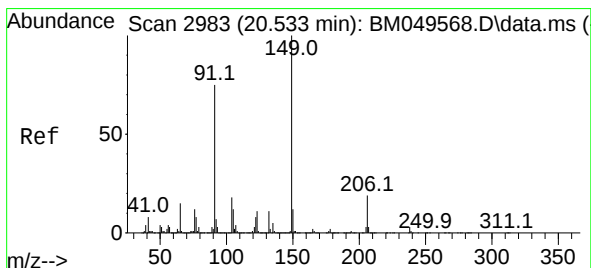
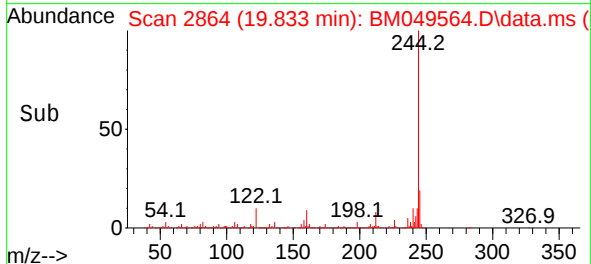
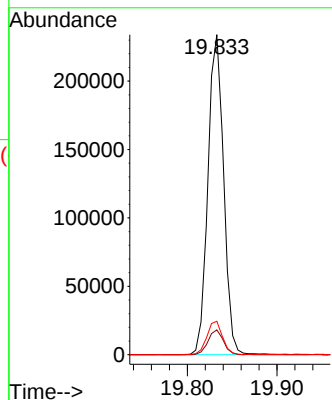
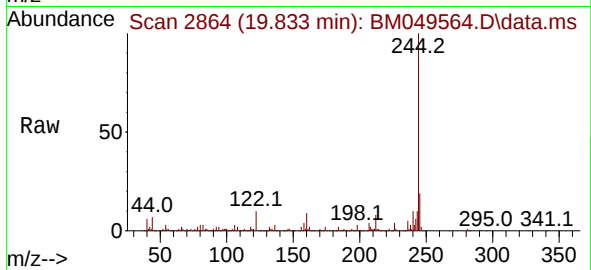
Tgt Ion:244 Resp: 284018

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 10.5 6.2 9.2#



#80

Butylbenzylphthalate

Concen: 1.646 ng

RT: 20.533 min Scan# 2983

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

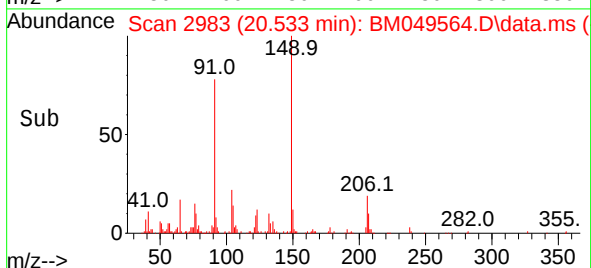
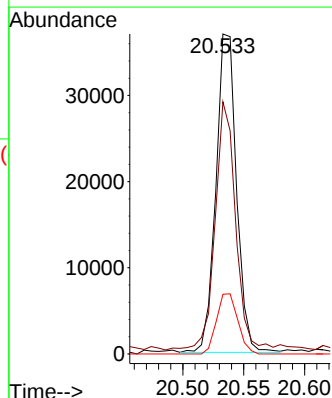
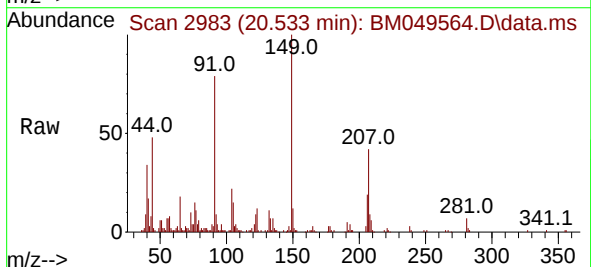
Tgt Ion:149 Resp: 43635

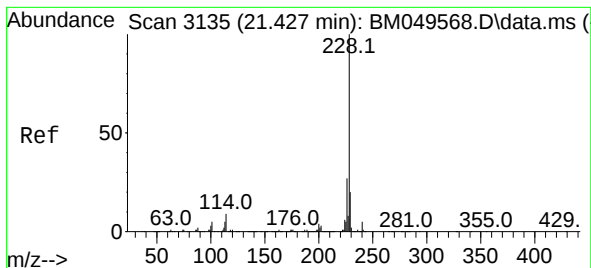
Ion Ratio Lower Upper

149 100

91 78.8 60.2 90.2

206 18.6 15.4 23.0





#81

Benzo(a)anthracene

Concen: 2.140 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

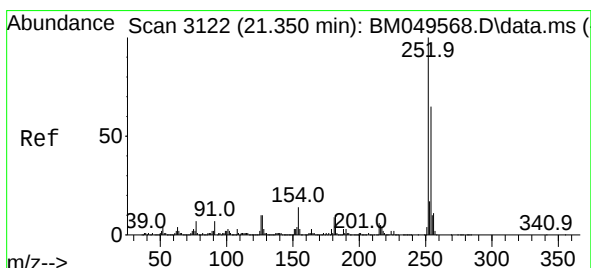
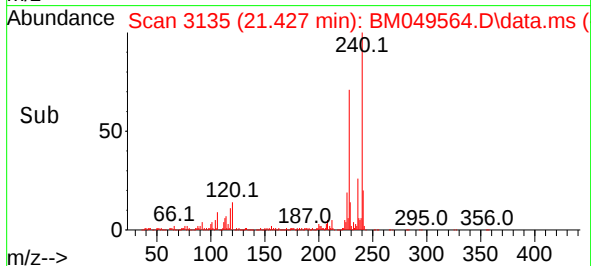
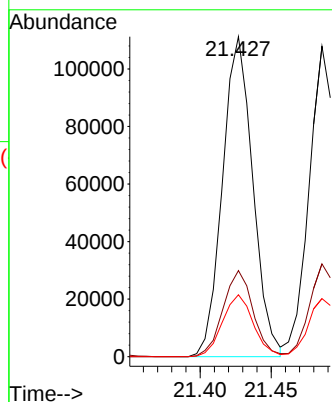
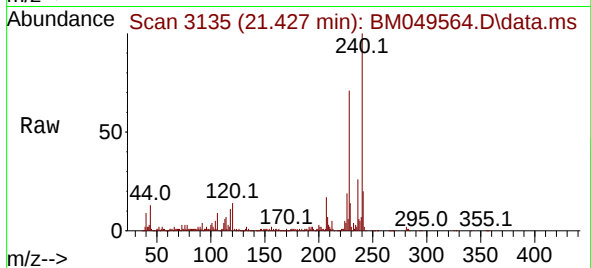
Tgt Ion:228 Resp: 165033

Ion Ratio Lower Upper

228 100

226 26.9 22.0 33.0

229 19.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 2.012 ng

RT: 21.350 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

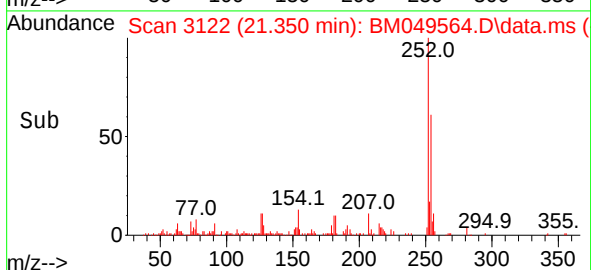
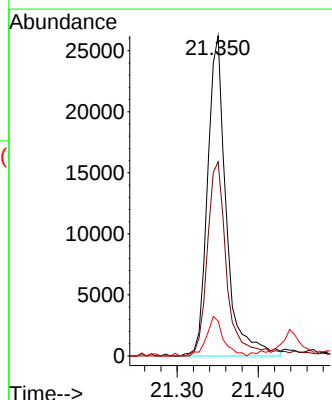
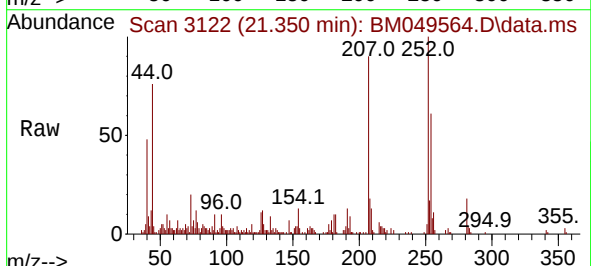
Tgt Ion:252 Resp: 41759

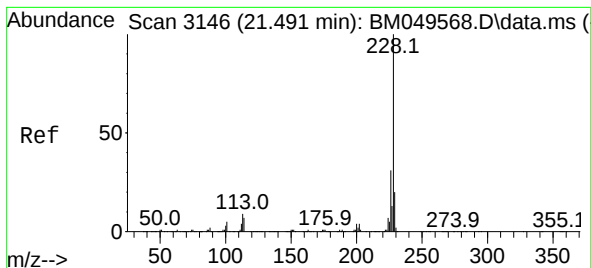
Ion Ratio Lower Upper

252 100

254 60.6 52.1 78.1

126 11.0 7.8 11.6





#83

Chrysene

Concen: 2.096 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

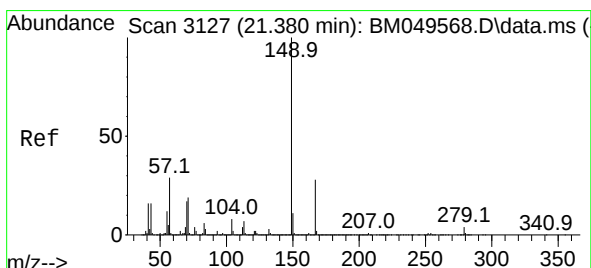
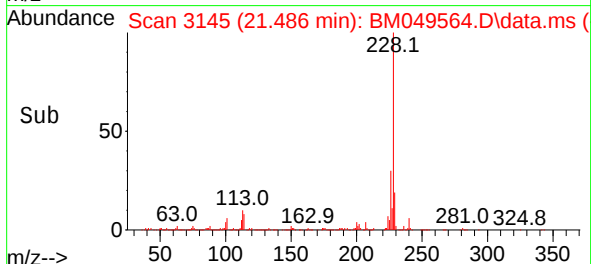
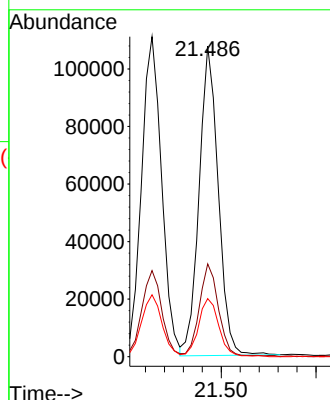
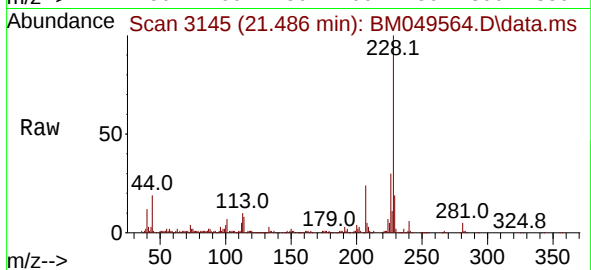
Tgt Ion:228 Resp: 151417

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

229 18.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.906 ng

RT: 21.386 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

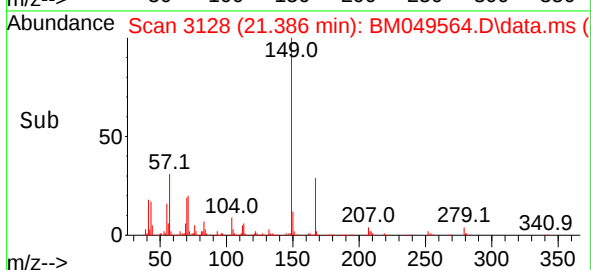
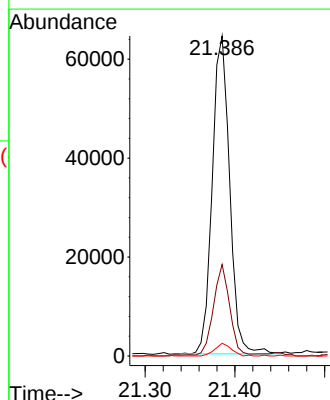
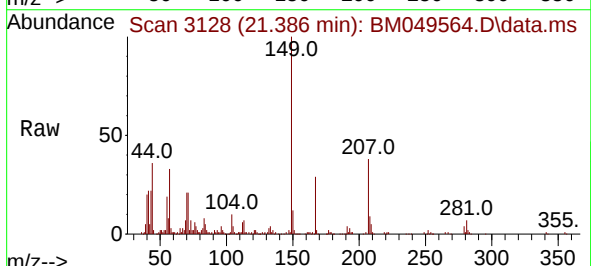
Tgt Ion:149 Resp: 86620

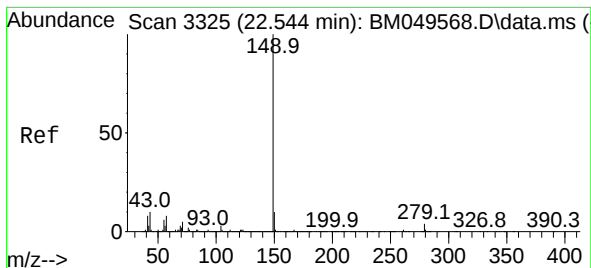
Ion Ratio Lower Upper

149 100

167 28.6 22.1 33.1

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 1.998 ng

RT: 22.544 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

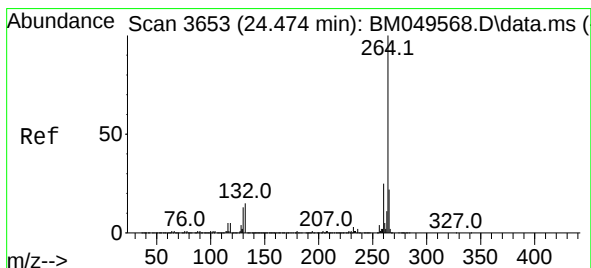
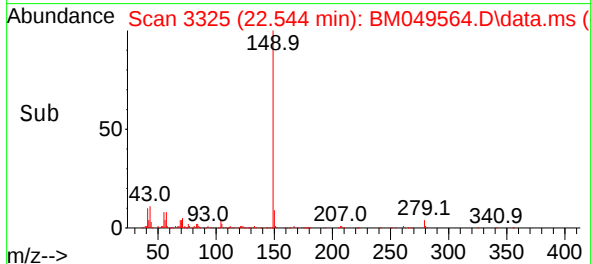
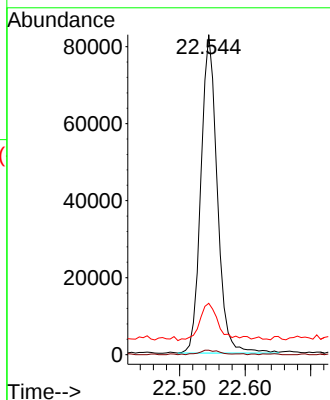
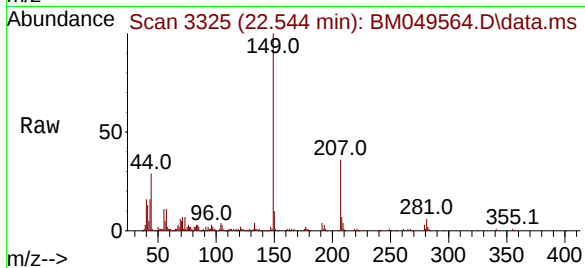
Tgt Ion:149 Resp: 143278

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 13.4 8.5 12.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.480 min Scan# 3654

Delta R.T. 0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

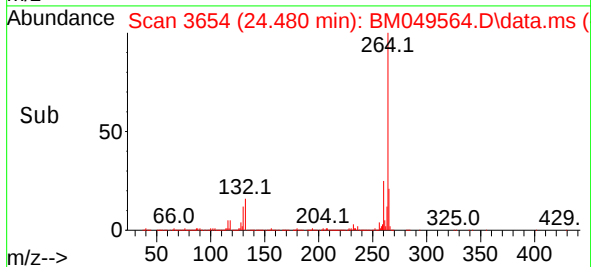
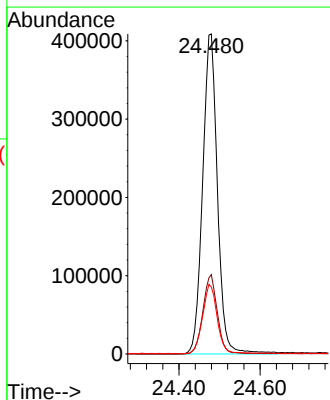
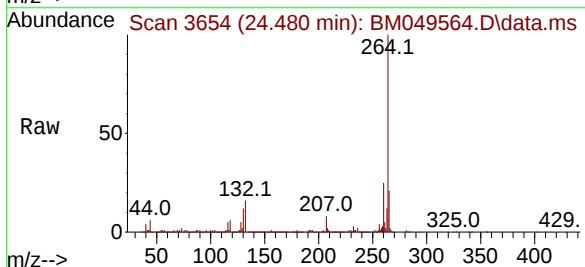
Tgt Ion:264 Resp: 1031423

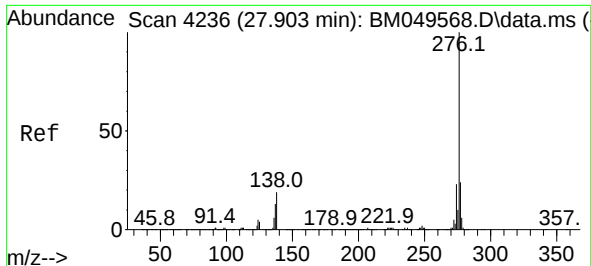
Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

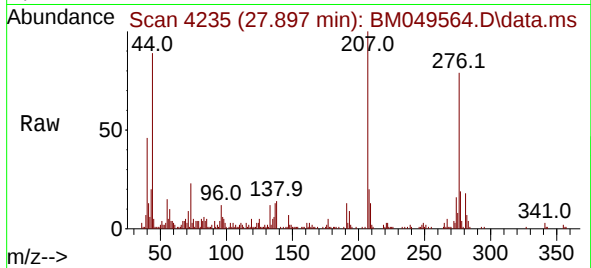
265 20.9 17.5 26.3



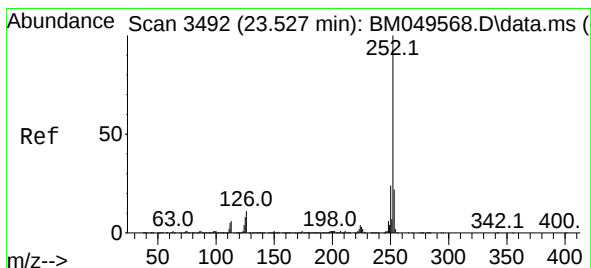
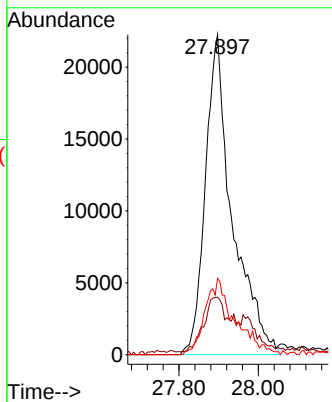
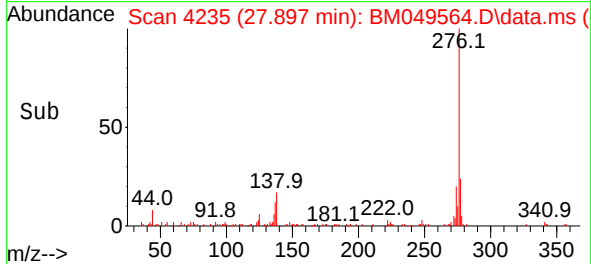


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 1.861 ng
 RT: 27.897 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM049564.D
 Acq: 05 Feb 2025 11:05

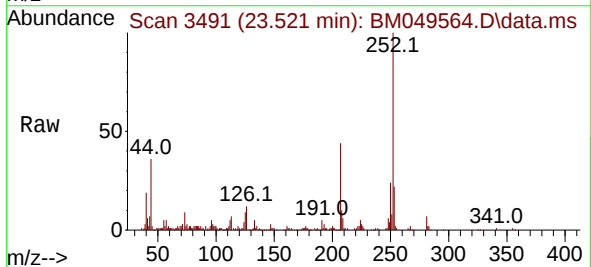
Instrument :
 BNA_M
 ClientSampleId :



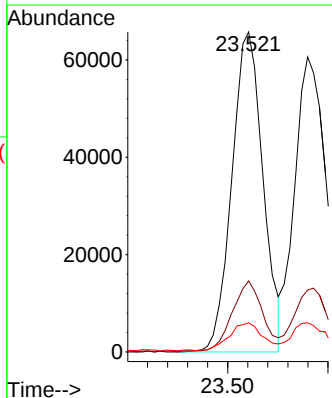
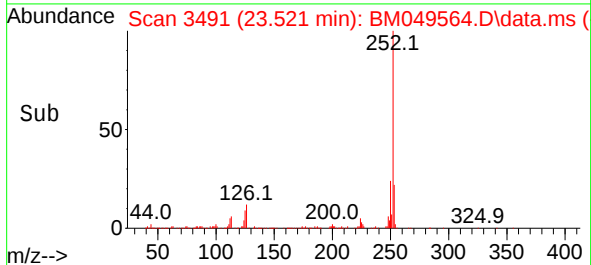
Tgt Ion:276 Resp: 104815
 Ion Ratio Lower Upper
 276 100
 138 14.5 13.1 19.7
 277 26.3 19.9 29.9

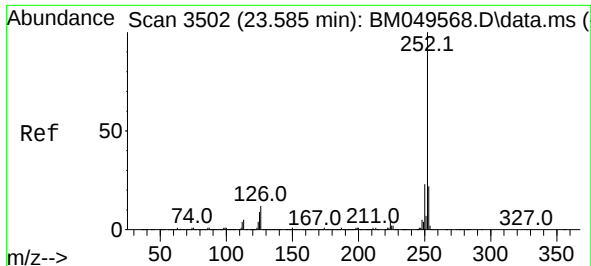


#88
 Benzo(b)fluoranthene
 Concen: 1.996 ng
 RT: 23.521 min Scan# 3491
 Delta R.T. -0.006 min
 Lab File: BM049564.D
 Acq: 05 Feb 2025 11:05



Tgt Ion:252 Resp: 141647
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 9.1 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 1.908 ng

RT: 23.580 min Scan# 3501

Delta R.T. -0.006 min

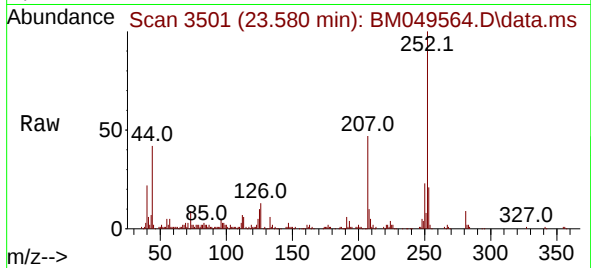
Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :



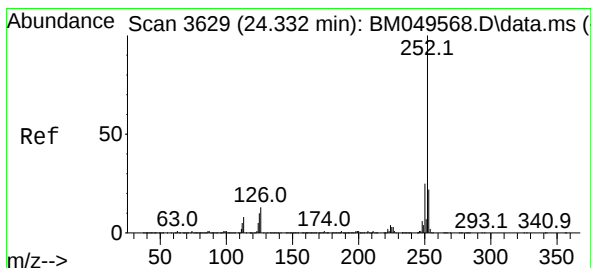
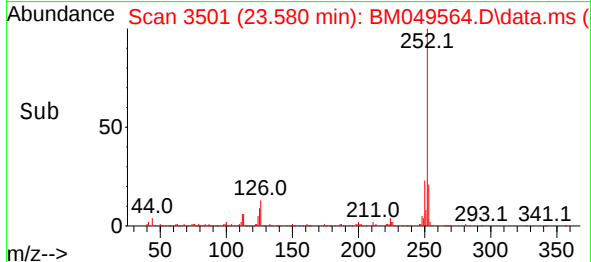
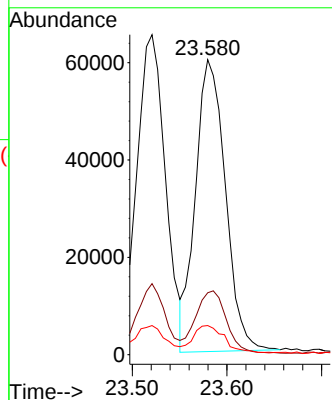
Tgt Ion:252 Resp: 131521

Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 9.9 7.0 10.6



#90

Benzo(a)pyrene

Concen: 1.995 ng

RT: 24.333 min Scan# 3629

Delta R.T. 0.000 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

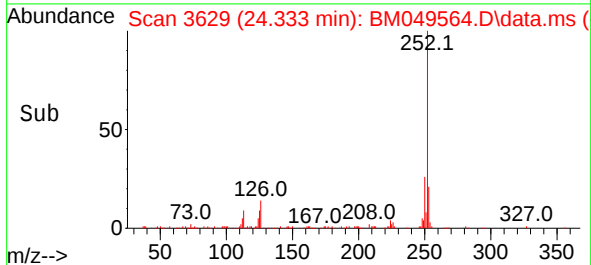
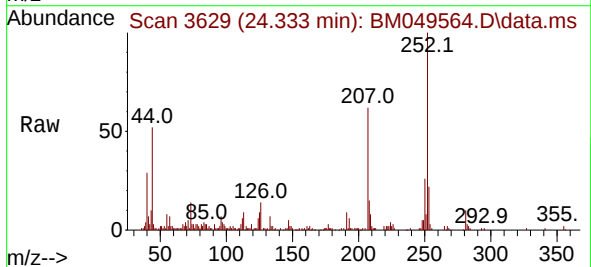
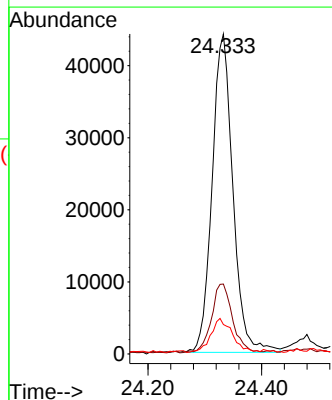
Tgt Ion:252 Resp: 112174

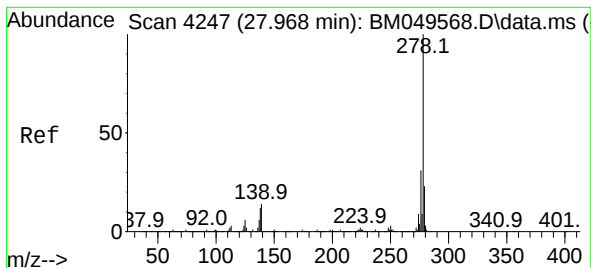
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 1.823 ng

RT: 27.962 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Instrument :

BNA_M

ClientSampleId :

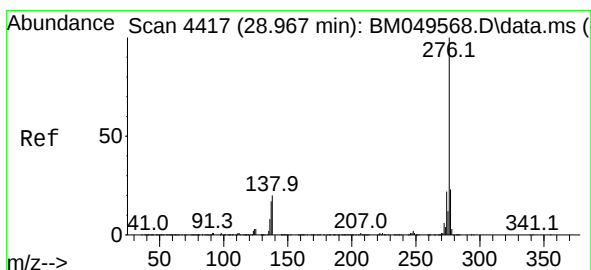
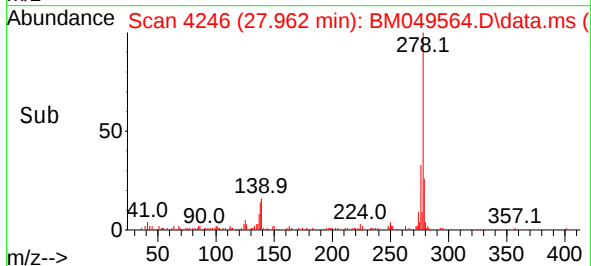
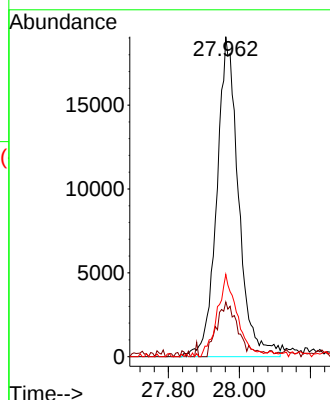
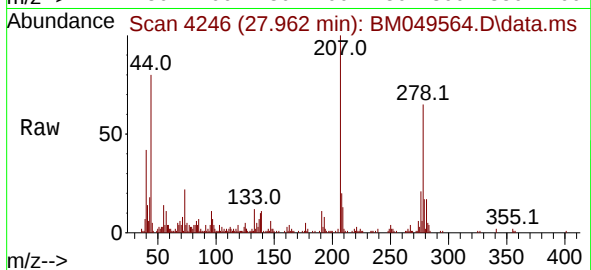
Tgt Ion:278 Resp: 81158

Ion Ratio Lower Upper

278 100

139 17.1 11.5 17.3

279 25.7 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 2.009 ng

RT: 28.950 min Scan# 4414

Delta R.T. -0.017 min

Lab File: BM049564.D

Acq: 05 Feb 2025 11:05

Tgt Ion:276 Resp: 99892

Ion Ratio Lower Upper

276 100

277 24.5 18.7 28.1

138 21.7 16.0 24.0

