

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047572.D
 Acq On : 19 Sep 2024 15:53
 Operator : RC/JU
 Sample : PB163344BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163344BSD

Quant Time: Sep 19 16:30:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	349760	20.000	ng	-0.01
21) Naphthalene-d8	10.640	136	1419216	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	682946	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1211941	20.000	ng	0.00
76) Chrysene-d12	21.433	240	863394	20.000	ng	-0.01
86) Perylene-d12	24.456	264	748197	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2374892	108.113	ng	0.00
7) Phenol-d6	7.005	99	3001647	97.029	ng	0.00
23) Nitrobenzene-d5	8.993	82	2803733	98.869	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	636957	96.490	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	5183631	104.555	ng	-0.01
79) Terphenyl-d14	19.821	244	5951954	123.530	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	377266	40.097	ng	100
3) Pyridine	3.711	79	1033774	36.912	ng	97
4) n-Nitrosodimethylamine	3.617	42	553879	43.588	ng	93
6) Aniline	7.163	93	1159538	42.278	ng	100
8) 2-Chlorophenol	7.405	128	1221054	50.423	ng	99
9) Benzaldehyde	6.981	77	59538	4.048	ng	96
10) Phenol	7.034	94	1562077	50.429	ng	97
11) bis(2-Chloroethyl)ether	7.263	93	1199667	48.242	ng	99
12) 1,3-Dichlorobenzene	7.734	146	1241657	46.845	ng	98
13) 1,4-Dichlorobenzene	7.875	146	1269937	47.040	ng	98
14) 1,2-Dichlorobenzene	8.193	146	1219129	45.886	ng	98
15) Benzyl Alcohol	8.075	79	1048226	50.023	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.369	45	1618336	46.263	ng	98
17) 2-Methylphenol	8.281	107	985231	49.789	ng	97
18) Hexachloroethane	8.928	117	527141	48.878	ng	95
19) n-Nitroso-di-n-propyla...	8.652	70	982525	47.106	ng	96
20) 3+4-Methylphenols	8.604	107	1321445	47.860	ng	99
22) Acetophenone	8.663	105	1798132	48.192	ng	# 98
24) Nitrobenzene	9.040	77	1384249	47.503	ng	99
25) Isophorone	9.569	82	2408049	48.301	ng	99
26) 2-Nitrophenol	9.746	139	538012	54.181	ng	99
27) 2,4-Dimethylphenol	9.810	122	1084213	72.029	ng	99
28) bis(2-Chloroethoxy)met...	10.046	93	1525367	48.709	ng	99
29) 2,4-Dichlorophenol	10.281	162	955531	49.965	ng	98
30) 1,2,4-Trichlorobenzene	10.498	180	998341	45.574	ng	99
31) Naphthalene	10.687	128	3548855	46.300	ng	100
32) Benzoic acid	9.934	122	672160	45.676	ng	96
33) 4-Chloroaniline	10.787	127	718585	25.930	ng	99
34) Hexachlorobutadiene	10.981	225	529001	43.599	ng	99
35) Caprolactam	11.563	113	159070	25.254	ng	98
36) 4-Chloro-3-methylphenol	11.916	107	1044783	47.672	ng	98
37) 2-Methylnaphthalene	12.298	142	2274053	44.577	ng	99
38) 1-Methylnaphthalene	12.516	142	2124121	41.899	ng	100
40) 1,2,4,5-Tetrachloroben...	12.669	216	1004776	54.371	ng	# 97
41) Hexachlorocyclopentadiene	12.657	237	1262653	209.002	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	646920	55.877	ng	98

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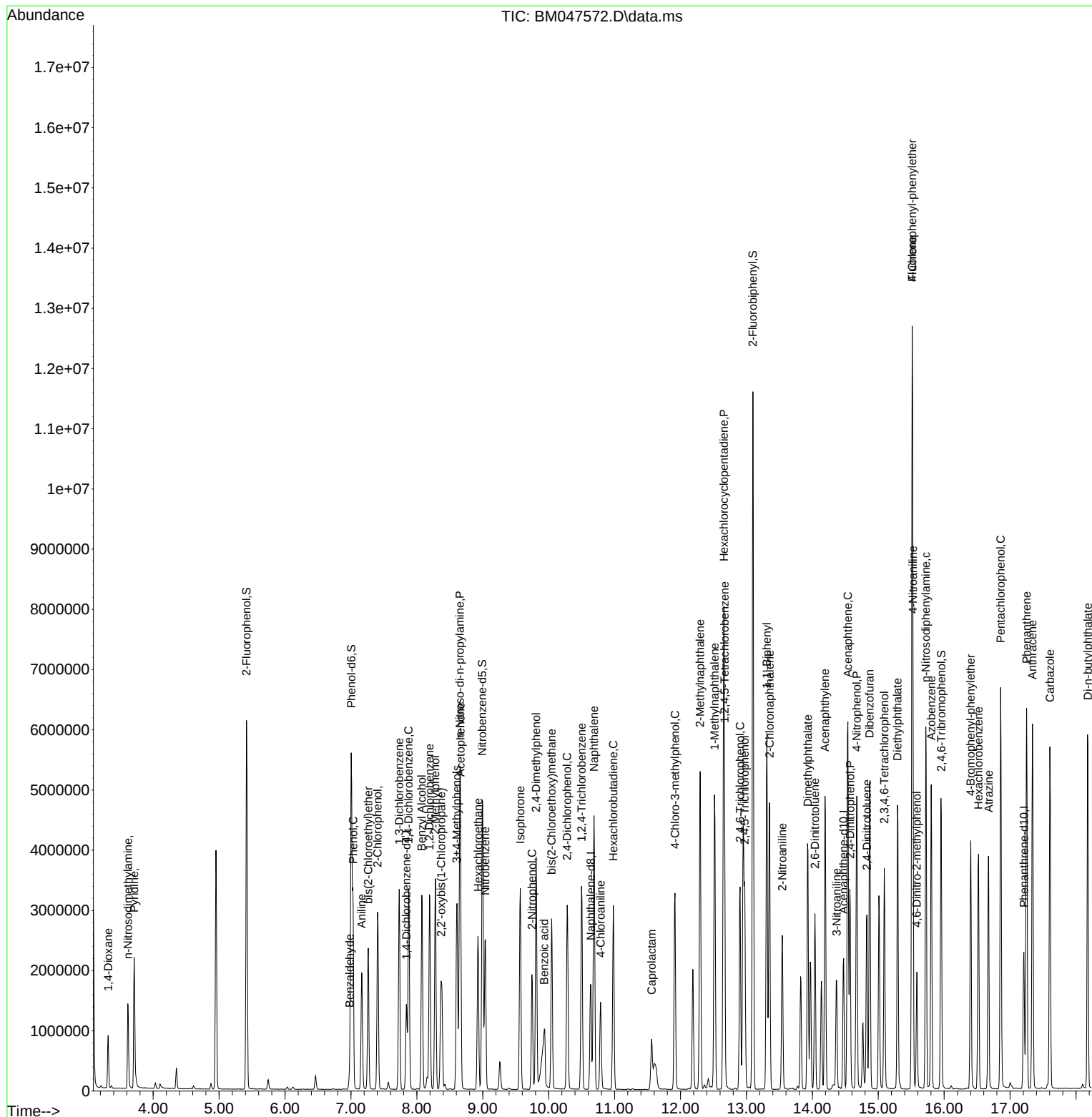
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	711865	54.436	ng	98
46) 1,1'-Biphenyl	13.310	154	2755007	51.847	ng	99
47) 2-Chloronaphthalene	13.351	162	2123730	51.472	ng	99
48) 2-Nitroaniline	13.545	65	681614	56.245	ng	99
49) Acenaphthylene	14.192	152	3230936	54.265	ng	99
50) Dimethylphthalate	13.934	163	2404327	51.652	ng	100
51) 2,6-Dinitrotoluene	14.039	165	495038	50.378	ng	94
52) Acenaphthene	14.539	154	2094832	50.214	ng	100
53) 3-Nitroaniline	14.369	138	409423	37.485	ng	100
54) 2,4-Dinitrophenol	14.575	184	526393	90.247	ng	95
55) Dibenzofuran	14.869	168	2961034	50.509	ng	97
56) 4-Nitrophenol	14.675	139	1095708	121.912	ng	99
57) 2,4-Dinitrotoluene	14.828	165	663779	50.649	ng	99
58) Fluorene	15.516	166	2628261	49.796	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	536614	52.632	ng	95
60) Diethylphthalate	15.292	149	2501096	50.486	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	1163095	48.195	ng	100
62) 4-Nitroaniline	15.528	138	622383	48.477	ng	97
63) Azobenzene	15.804	77	2867029	52.559	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	295576	47.900	ng	97
66) n-Nitrosodiphenylamine	15.722	169	1978157	53.355	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	578795	49.150	ng	98
68) Hexachlorobenzene	16.522	284	637383	47.778	ng	97
69) Atrazine	16.675	200	559460	54.595	ng	100
70) Pentachlorophenol	16.857	266	851612	110.123	ng	100
71) Phenanthrene	17.251	178	3381629	50.631	ng	99
72) Anthracene	17.339	178	3331742	51.921	ng	99
73) Carbazole	17.604	167	3126033	49.157	ng	100
74) Di-n-butylphthalate	18.180	149	4057879	53.331	ng	99
75) Fluoranthene	19.257	202	3299708	45.281	ng	97
77) Benzidine	19.439	184	536000	44.080	ng	99
78) Pyrene	19.621	202	3422267	54.341	ng	99
80) Butylbenzylphthalate	20.515	149	1508665	62.229	ng	95
81) Benzo(a)anthracene	21.415	228	2964108	52.671	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	866274	57.867	ng	99
83) Chrysene	21.480	228	2726351	51.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	2382407	62.730	ng	# 99
85) Di-n-octyl phthalate	22.492	149	3513093	65.396	ng	99
87) Indeno(1,2,3-cd)pyrene	27.886	276	3149430	70.338	ng	# 91
88) Benzo(b)fluoranthene	23.503	252	2652352	54.790	ng	98
89) Benzo(k)fluoranthene	23.568	252	2724349	56.784	ng	99
90) Benzo(a)pyrene	24.315	252	2226332	56.112	ng	98
91) Dibenzo(a,h)anthracene	27.939	278	2669515	70.863	ng	99
92) Benzo(g,h,i)perylene	28.944	276	2640355	71.750	ng	98

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

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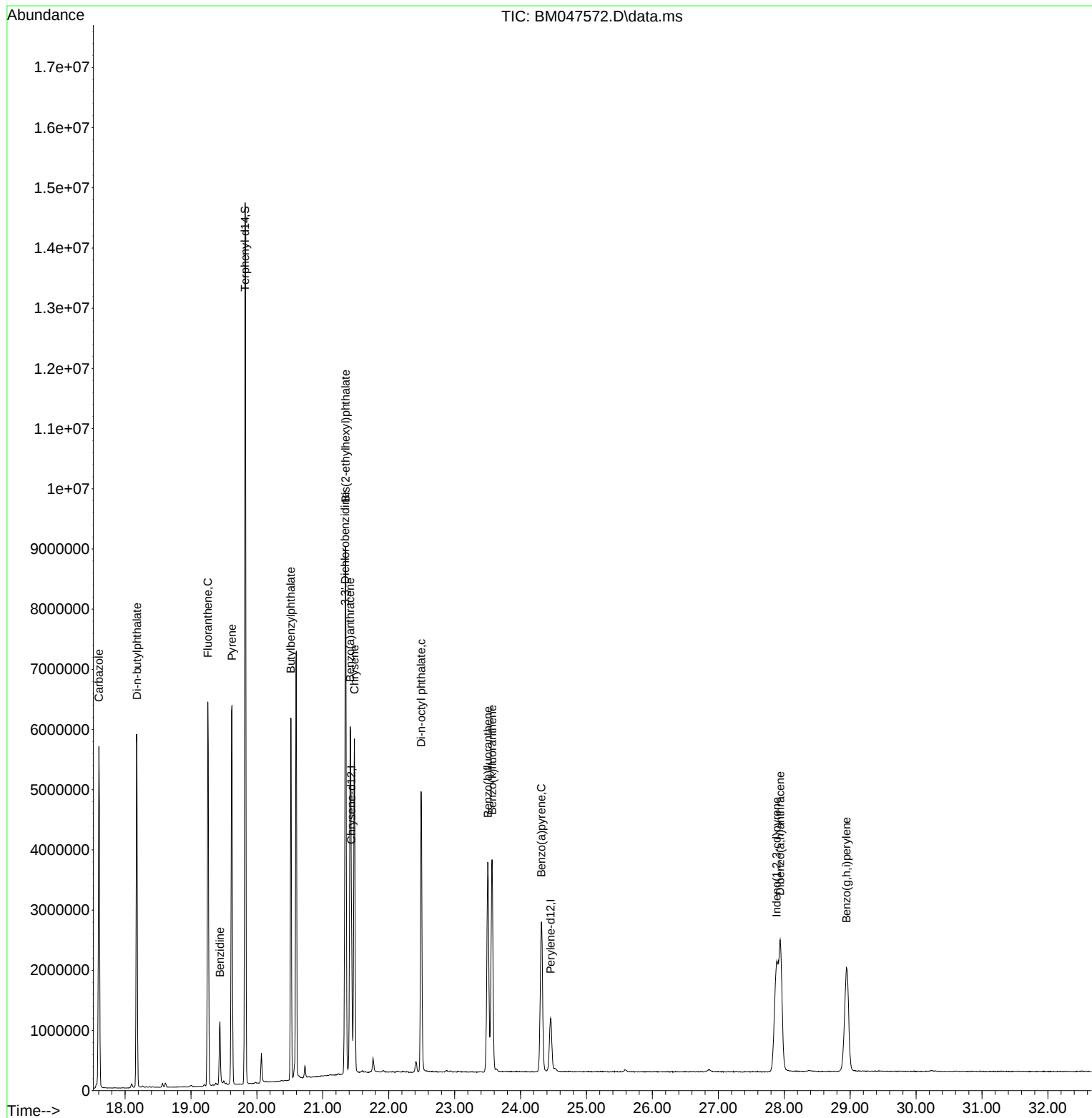
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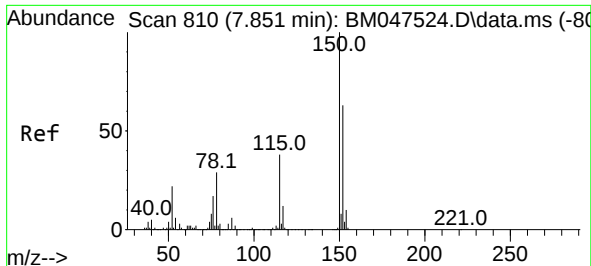


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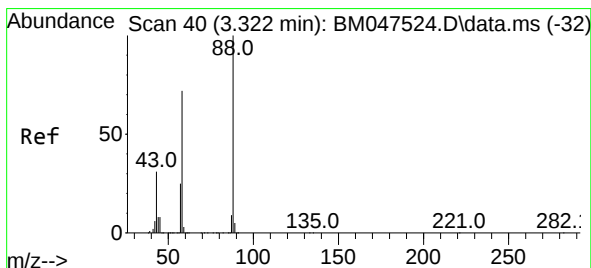
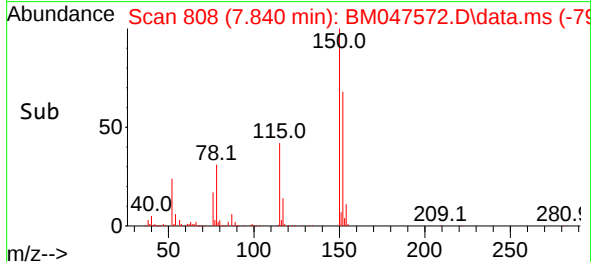
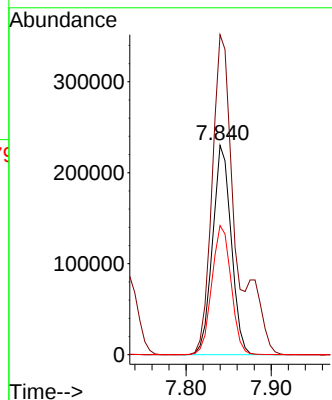
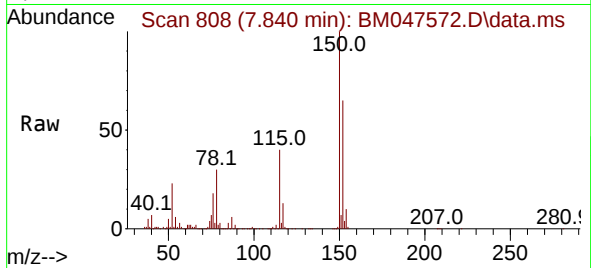




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.011 min
Lab File: BM047572.D
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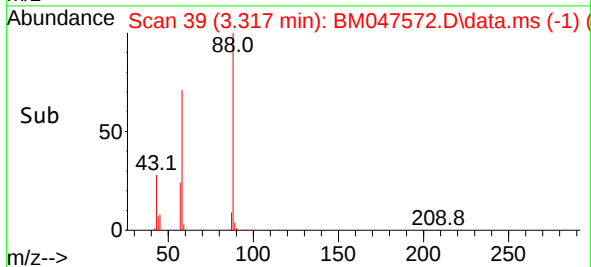
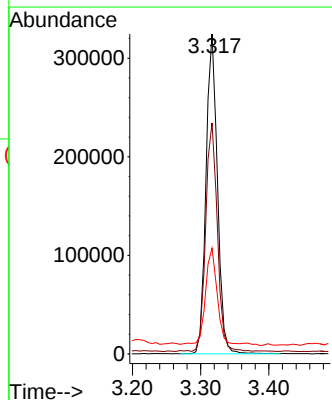
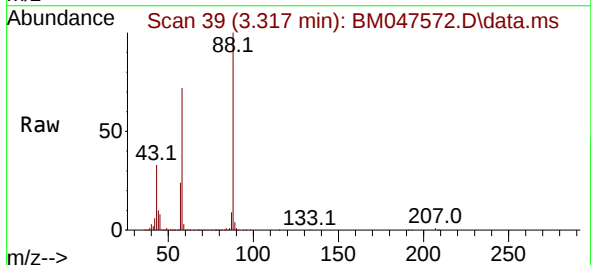
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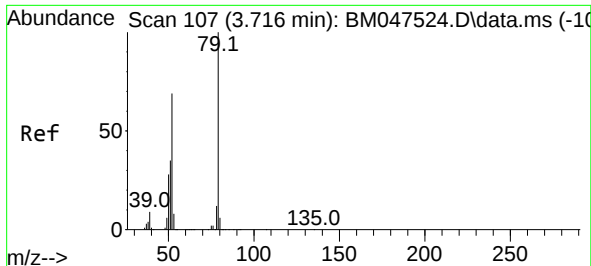
Tgt Ion:152 Resp: 349760
Ion Ratio Lower Upper
152 100
150 152.9 126.8 190.2
115 61.7 47.8 71.8



#2
1,4-Dioxane
Concen: 40.097 ng
RT: 3.317 min Scan# 39
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion: 88 Resp: 377266
Ion Ratio Lower Upper
88 100
58 73.8 59.0 88.6
43 30.4 25.0 37.4



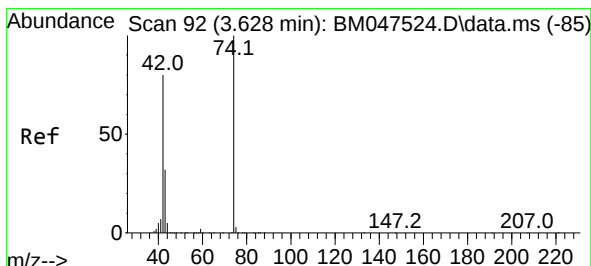
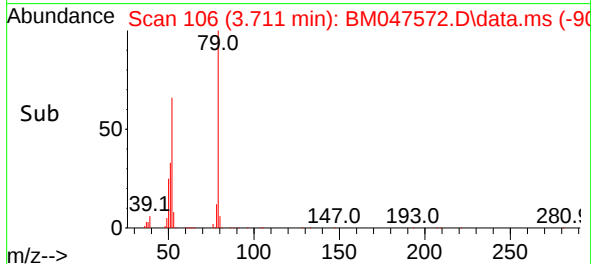
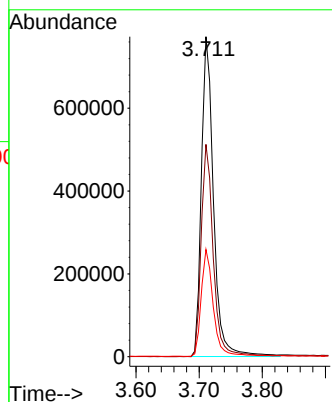
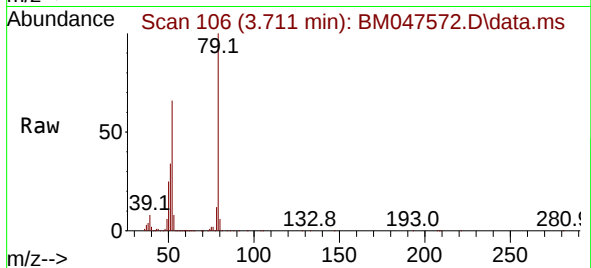


#3
Pyridine
Concen: 36.912 ng
RT: 3.711 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047572.D
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Tgt Ion: 79 Resp: 1033774

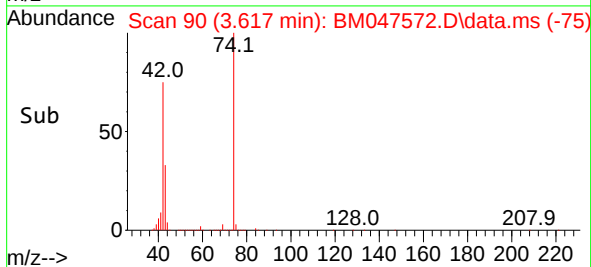
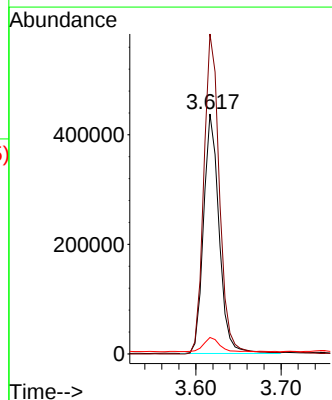
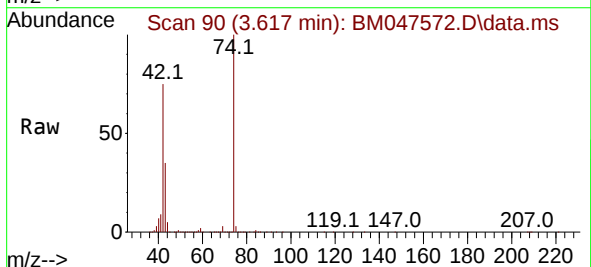
Ion	Ratio	Lower	Upper
79	100		
52	66.4	55.4	83.0
51	33.5	27.9	41.9

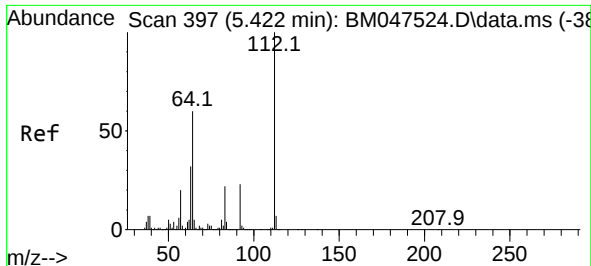


#4
n-Nitrosodimethylamine
Concen: 43.588 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.011 min
Lab File: BM047572.D
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Tgt Ion: 42 Resp: 553879

Ion	Ratio	Lower	Upper
42	100		
74	133.3	100.5	150.7
44	6.9	6.9	10.3

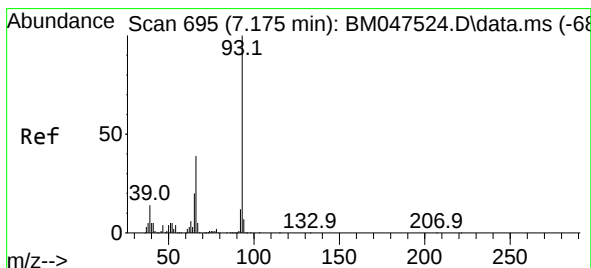
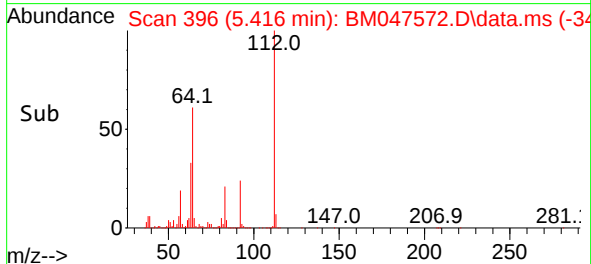
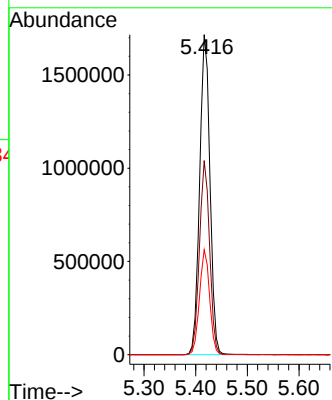
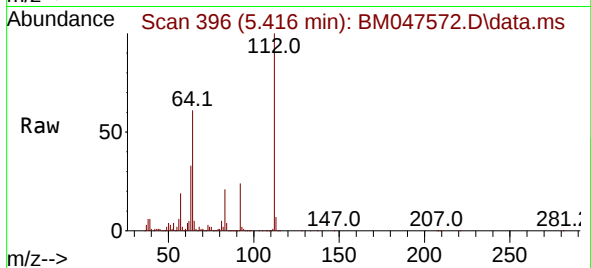




#5
2-Fluorophenol
Concen: 108.113 ng
RT: 5.416 min Scan# 397
Delta R.T. -0.005 min
Lab File: BM047572.D
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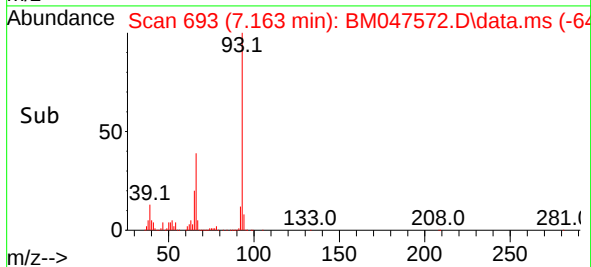
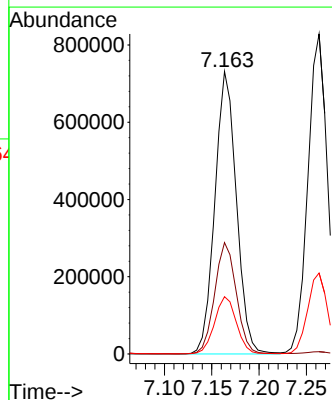
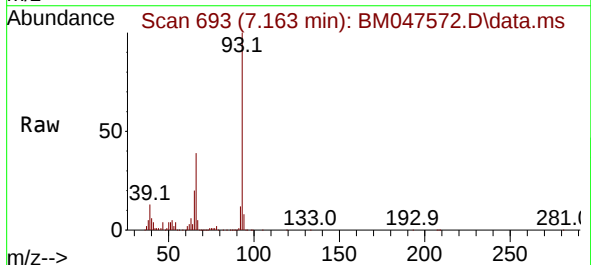
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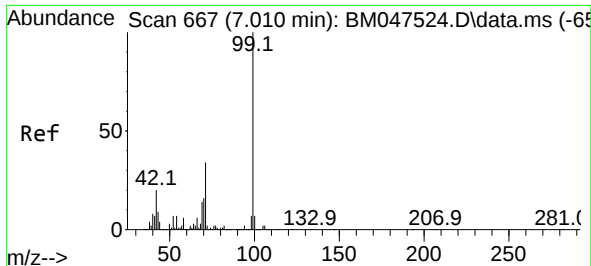
Tgt Ion:112 Resp: 2374892
Ion Ratio Lower Upper
112 100
64 60.6 48.2 72.4
63 32.8 26.0 39.0



#6
Aniline
Concen: 42.278 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion: 93 Resp: 1159538
Ion Ratio Lower Upper
93 100
66 39.4 31.4 47.0
65 20.3 16.3 24.5

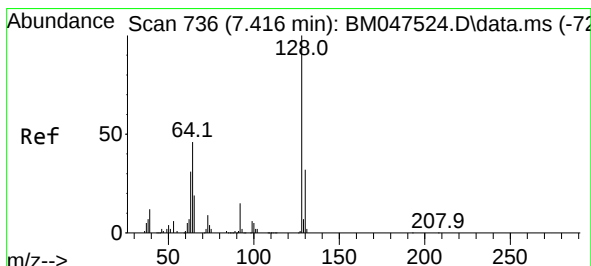
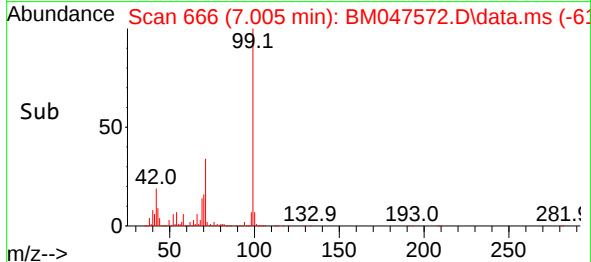
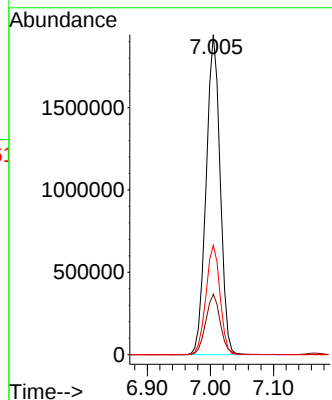
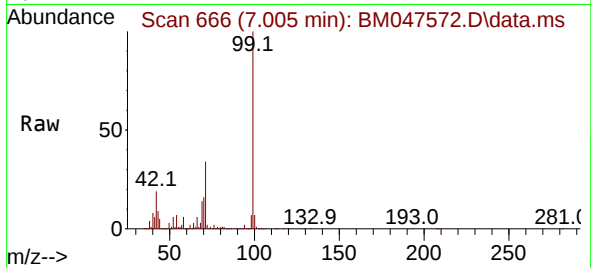




#7
Phenol-d6
Concen: 97.029 ng
RT: 7.005 min Scan# 60
Delta R.T. -0.005 min
Lab File: BM047572.D
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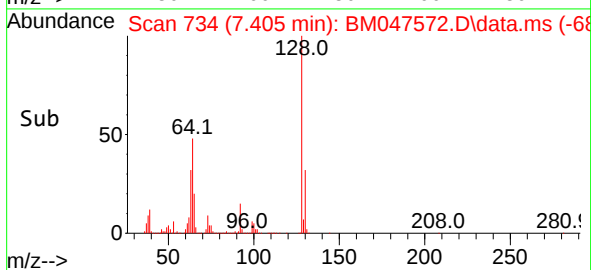
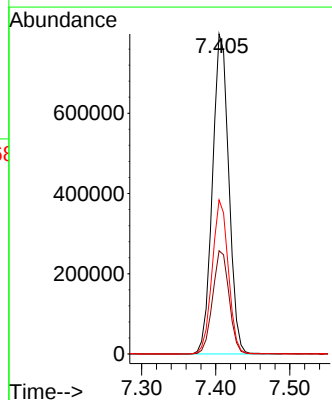
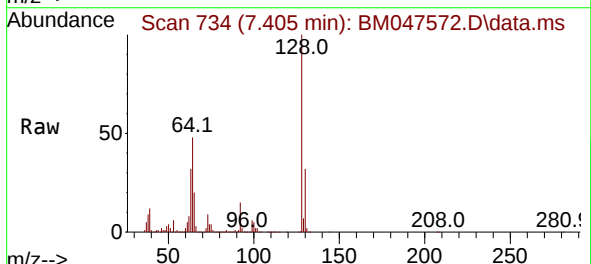
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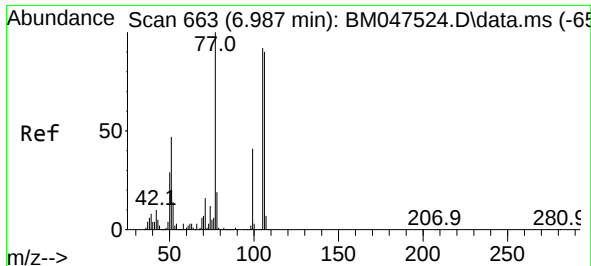
Tgt Ion: 99 Resp: 3001647
Ion Ratio Lower Upper
99 100
42 18.9 15.8 23.8
71 34.2 27.6 41.4



#8
2-Chlorophenol
Concen: 50.423 ng
RT: 7.405 min Scan# 734
Delta R.T. -0.011 min
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Tgt Ion:128 Resp: 1221054
Ion Ratio Lower Upper
128 100
130 32.3 11.8 51.8
64 48.2 27.6 67.6

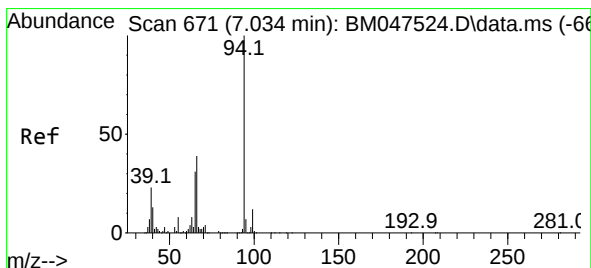
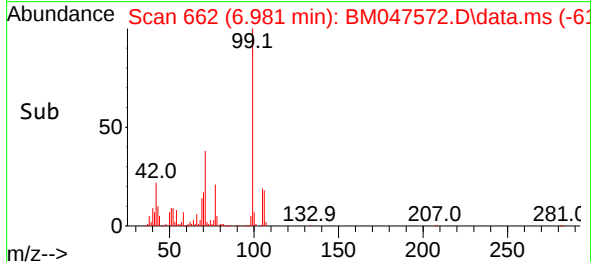
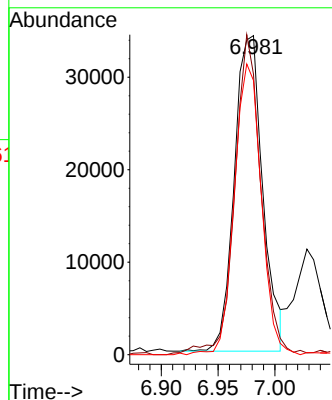
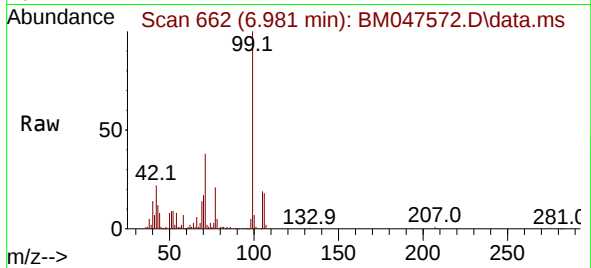




#9
Benzaldehyde
Concen: 4.048 ng
RT: 6.981 min Scan# 60
Delta R.T. -0.005 min
Lab File: BM047572.D
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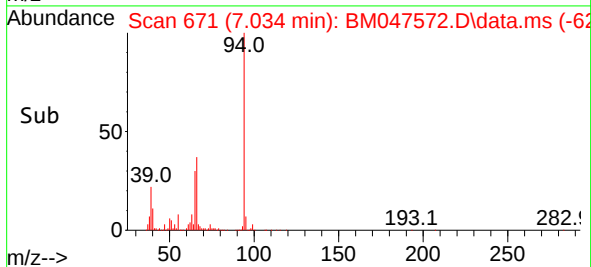
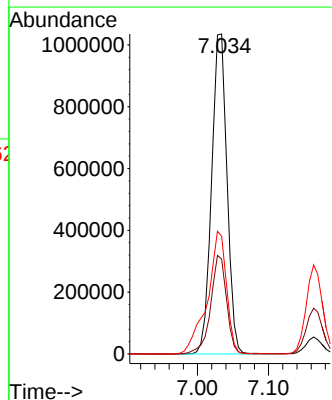
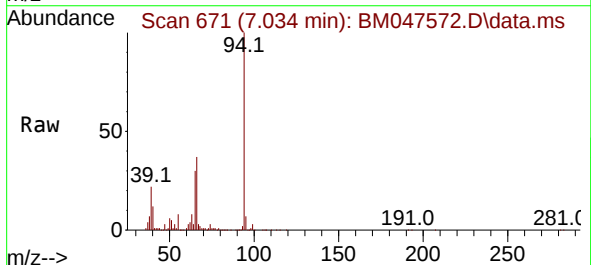
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

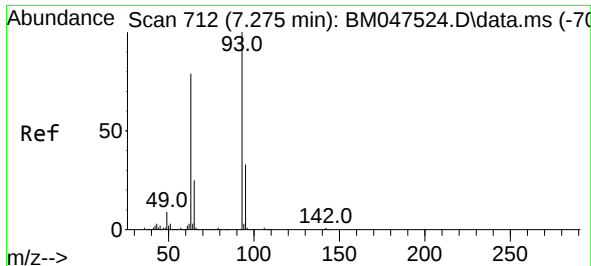
Tgt Ion: 77 Resp: 59538
Ion Ratio Lower Upper
77 100
105 87.9 71.8 111.8
106 85.9 69.7 109.7



#10
Phenol
Concen: 50.429 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion: 94 Resp: 1562077
Ion Ratio Lower Upper
94 100
65 29.6 10.8 50.8
66 36.8 19.2 59.2



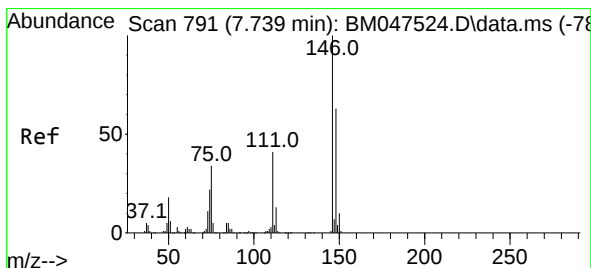
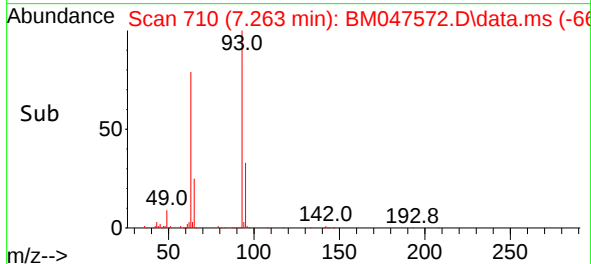
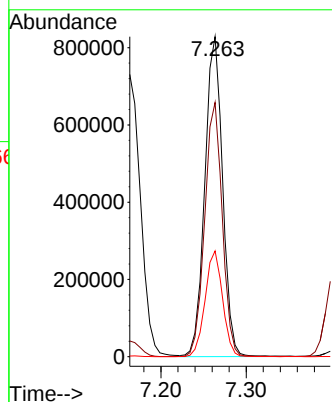
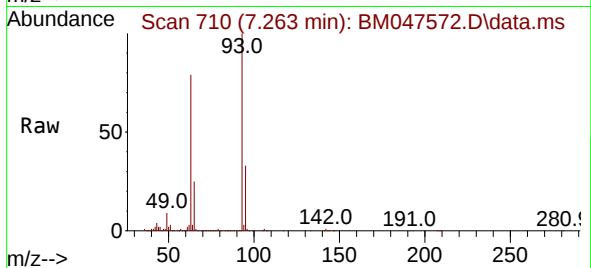


#11
bis(2-Chloroethyl)ether
Concen: 48.242 ng
RT: 7.263 min Scan# 712
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Instrument :
BNA_M
ClientSampleId :
PB163344BSD

Tgt Ion: 93 Resp: 1199667

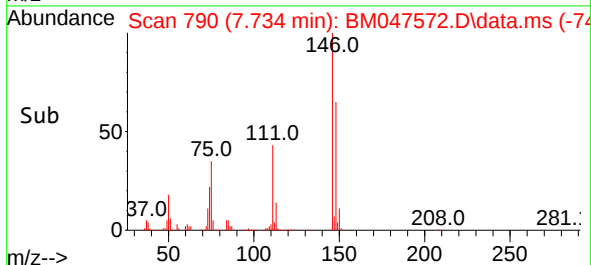
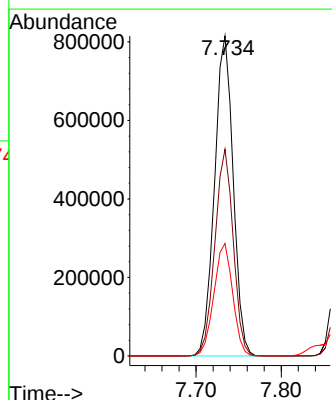
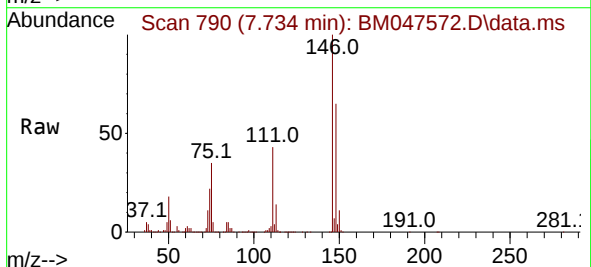
Ion	Ratio	Lower	Upper
93	100		
63	79.5	58.2	98.2
95	33.0	12.8	52.8

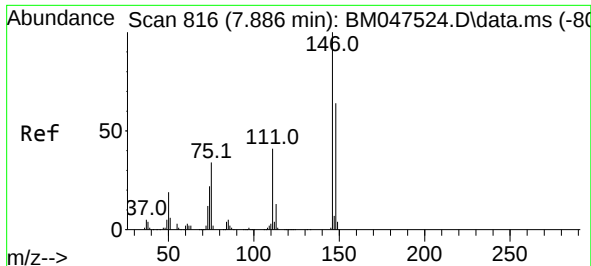


#12
1,3-Dichlorobenzene
Concen: 46.845 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:146 Resp: 1241657

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.4
75	35.2	27.4	41.0

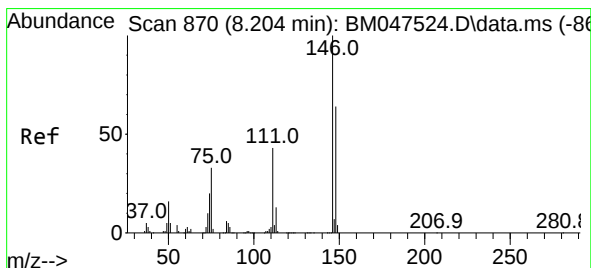
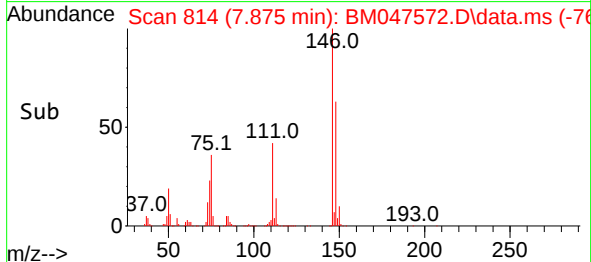
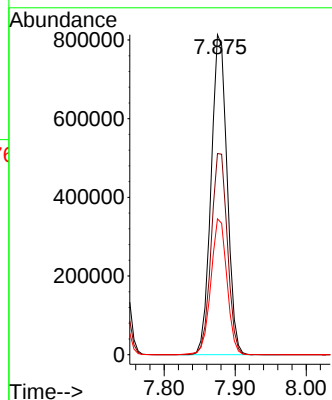
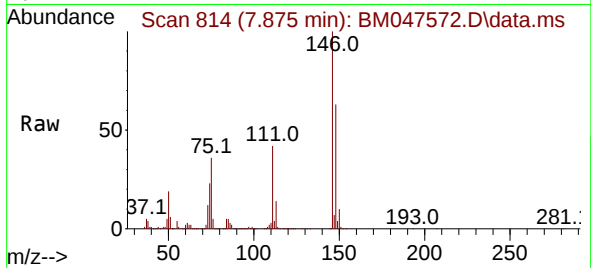




#13
1,4-Dichlorobenzene
Concen: 47.040 ng
RT: 7.875 min Scan# 816
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

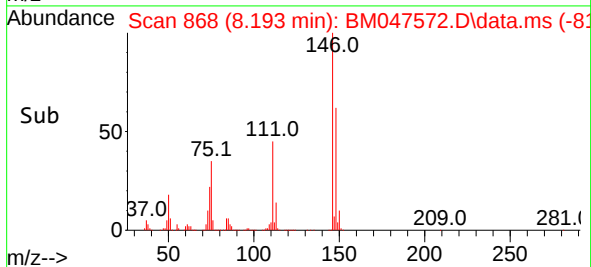
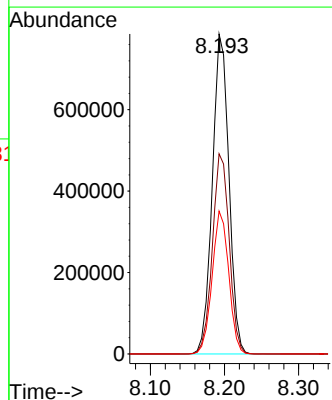
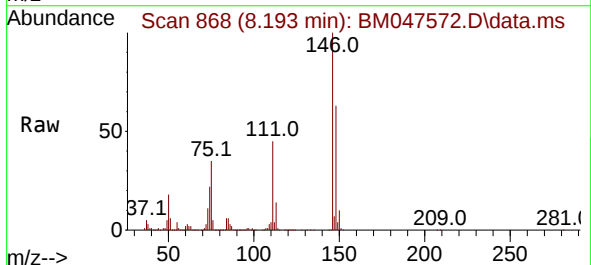
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

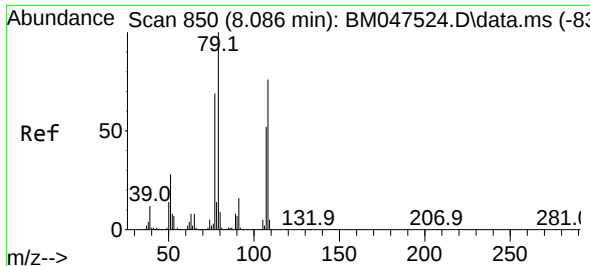
Tgt Ion:146 Resp: 1269937
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
111 42.4 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 45.886 ng
RT: 8.193 min Scan# 868
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:146 Resp: 1219129
Ion Ratio Lower Upper
146 100
148 62.6 51.1 76.7
111 44.7 34.7 52.1

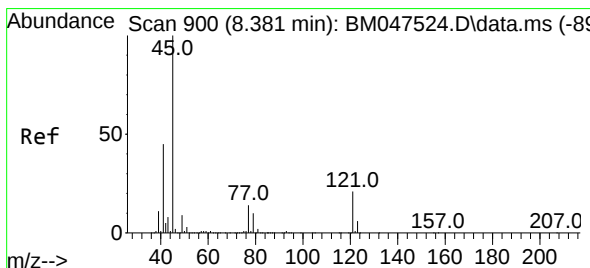
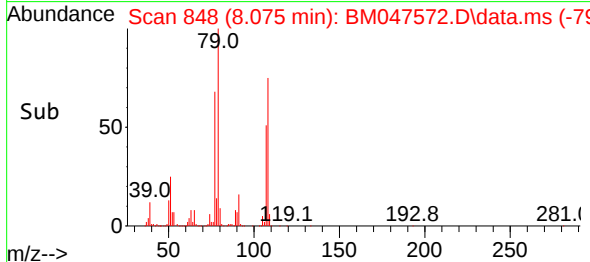
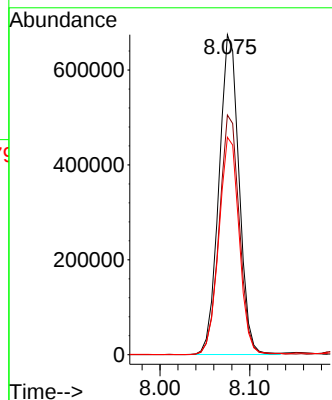
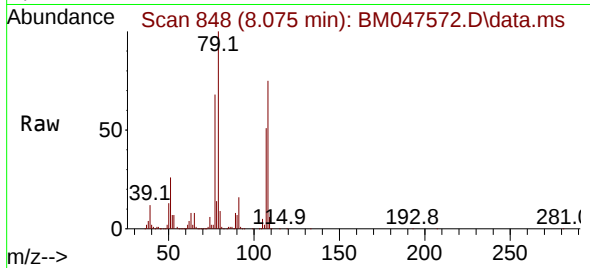




#15
Benzyl Alcohol
Concen: 50.023 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

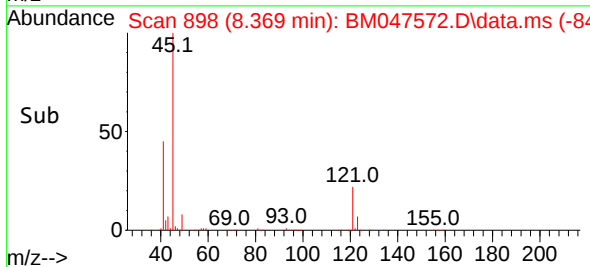
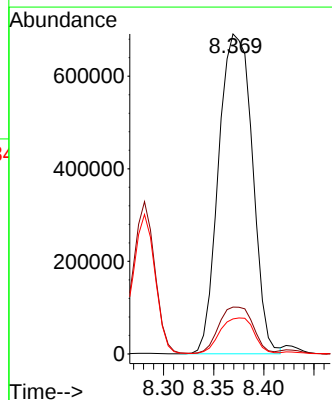
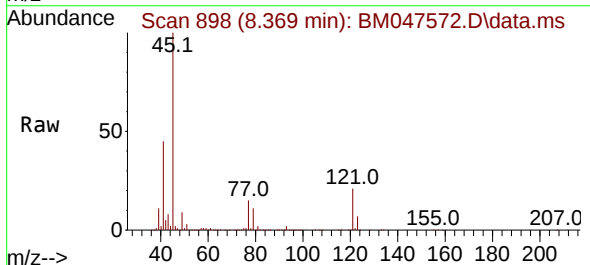
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

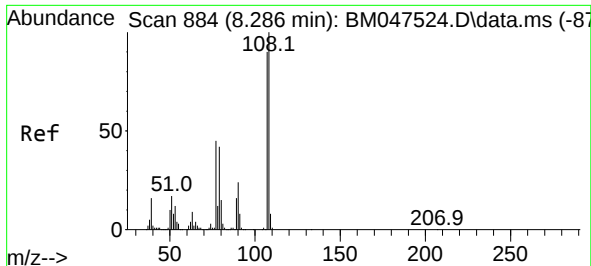
Tgt Ion: 79 Resp: 1048226
Ion Ratio Lower Upper
79 100
108 74.9 60.6 91.0
77 68.0 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.263 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion: 45 Resp: 1618336
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.7
79 11.0 0.0 30.3





#17

2-Methylphenol

Concen: 49.789 ng

RT: 8.281 min Scan# 884

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

Tgt Ion:107 Resp: 985231

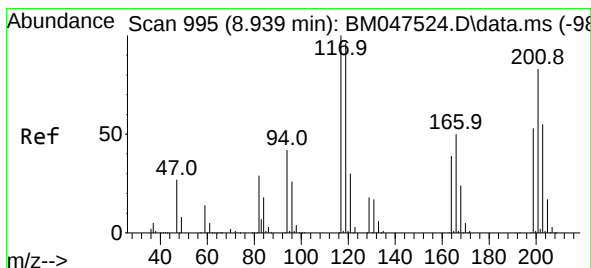
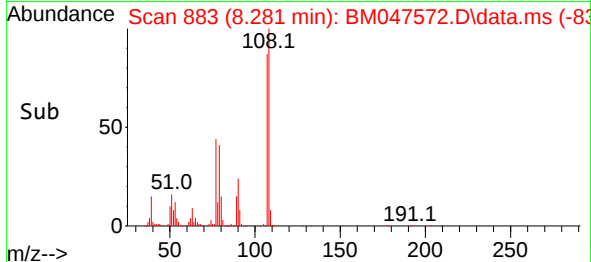
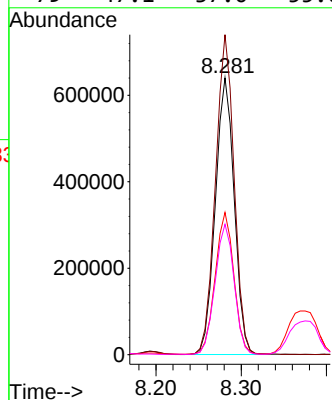
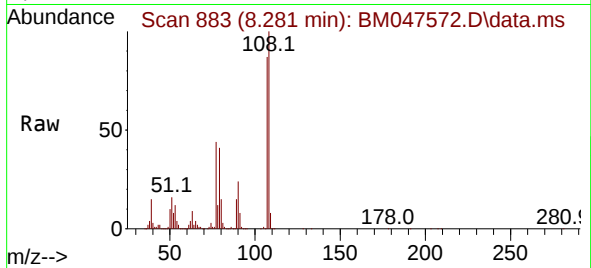
Ion Ratio Lower Upper

107 100

108 115.6 88.9 133.3

77 51.4 39.8 59.8

79 47.1 37.0 55.6



#18

Hexachloroethane

Concen: 48.878 ng

RT: 8.928 min Scan# 993

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

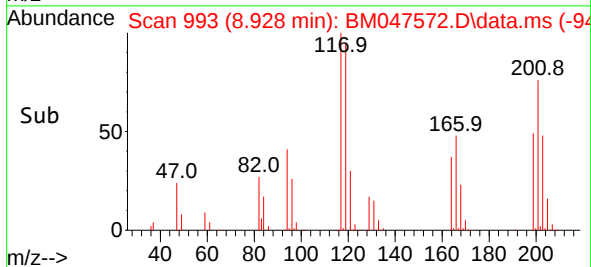
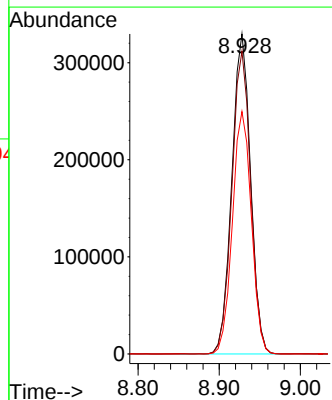
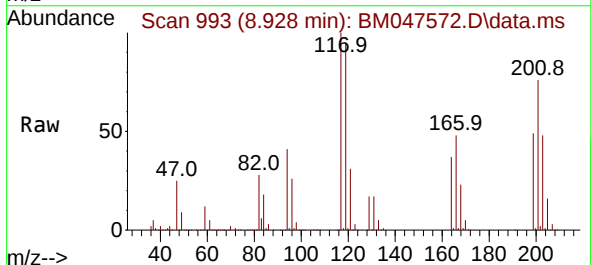
Tgt Ion:117 Resp: 527141

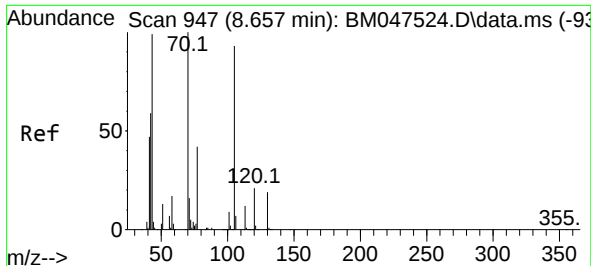
Ion Ratio Lower Upper

117 100

119 94.6 77.0 115.4

201 75.7 66.8 100.2

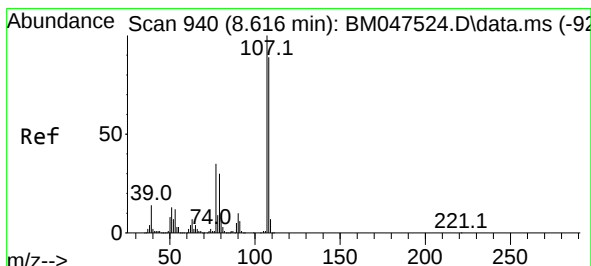
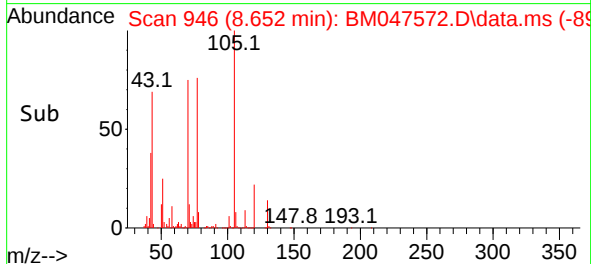
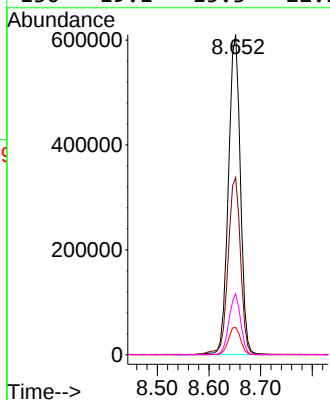
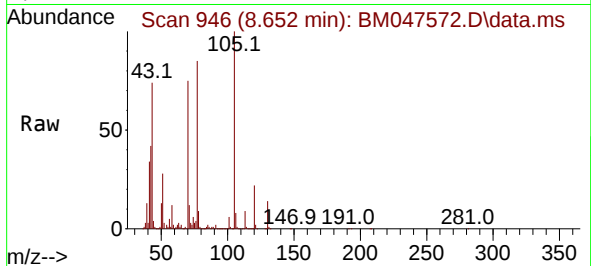




#19
n-Nitroso-di-n-propylamine
Concen: 47.106 ng
RT: 8.652 min Scan# 94
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

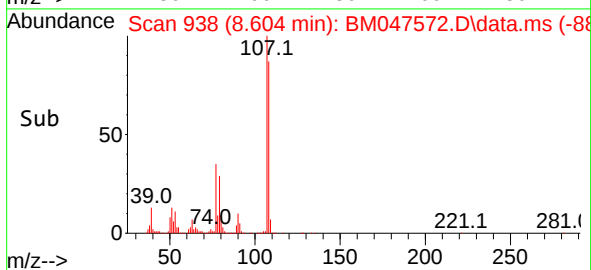
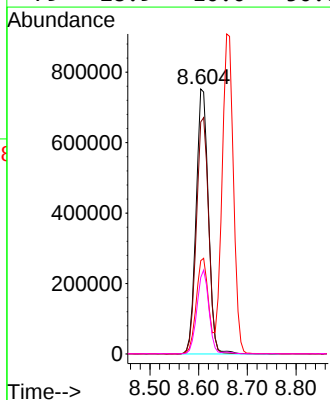
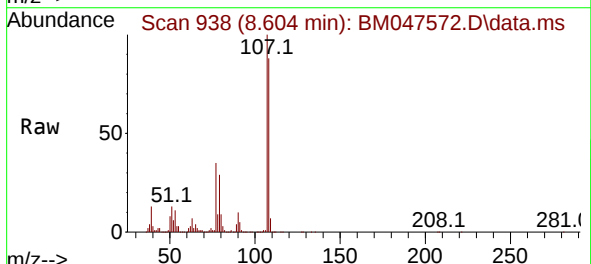
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

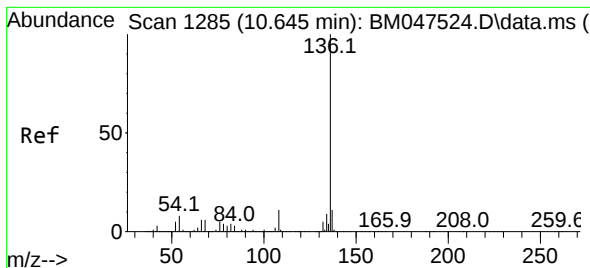
Tgt Ion: 70 Resp: 982525
Ion Ratio Lower Upper
70 100
42 55.4 48.2 72.2
101 8.5 7.0 10.4
130 19.1 15.3 22.9



#20
3+4-Methylphenols
Concen: 47.860 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion: 107 Resp: 1321445
Ion Ratio Lower Upper
107 100
108 87.5 68.9 108.9
77 35.2 15.5 55.5
79 28.9 10.0 50.0

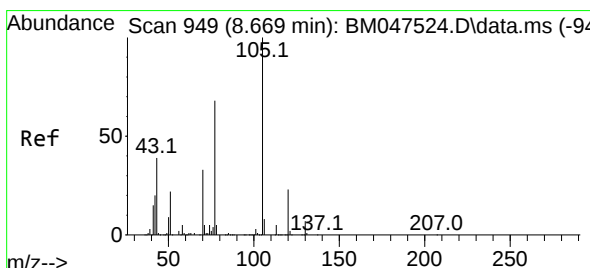
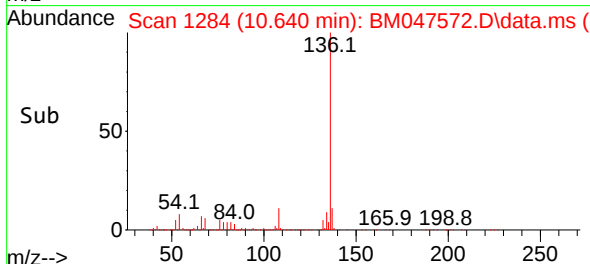
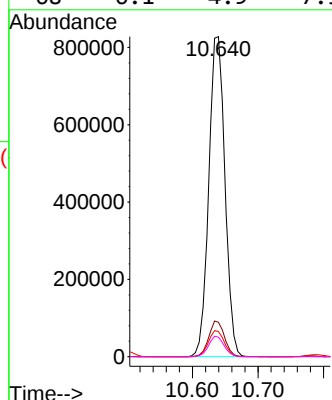
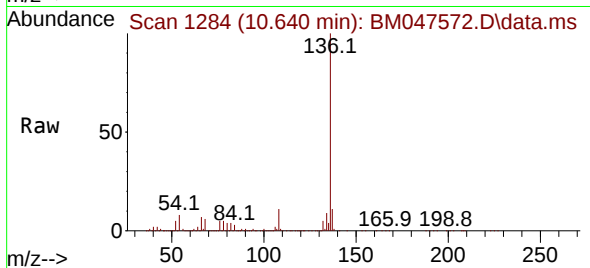




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

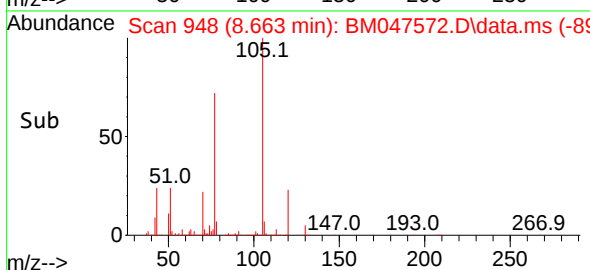
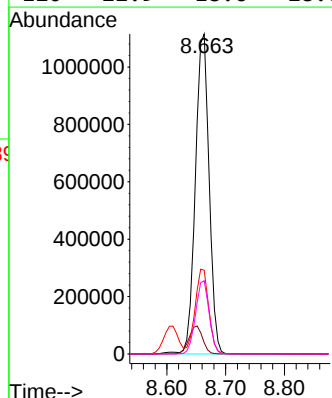
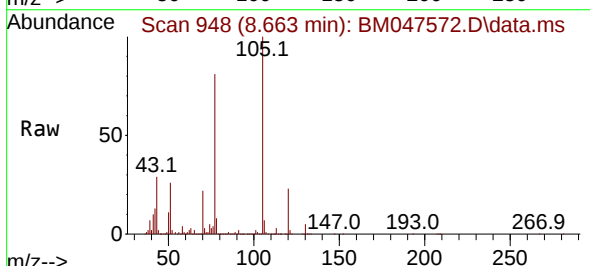
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

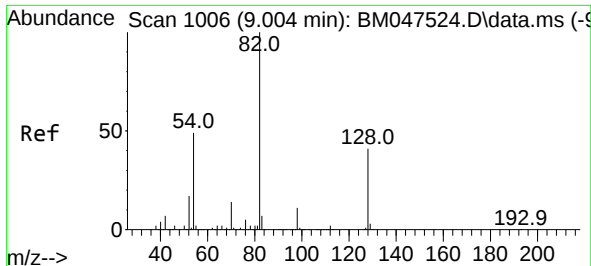
Tgt Ion:136 Resp: 1419216
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.9 6.6 9.8
68 6.1 4.9 7.3



#22
Acetophenone
Concen: 48.192 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:105 Resp: 1798132
Ion Ratio Lower Upper
105 100
71 3.5 4.3 6.5#
51 26.2 21.5 32.3
120 22.9 18.6 28.0





#23

Nitrobenzene-d5

Concen: 98.869 ng

RT: 8.993 min Scan# 1004

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

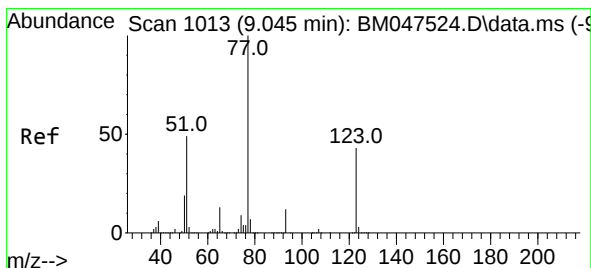
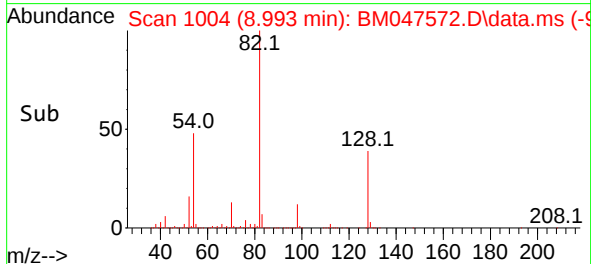
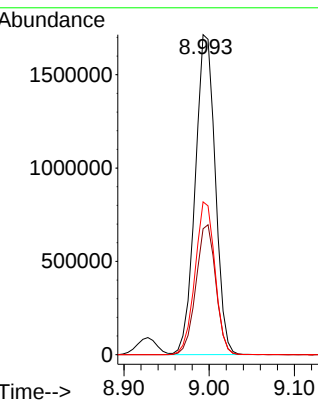
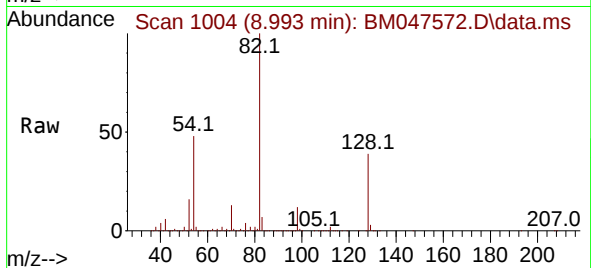
Tgt Ion: 82 Resp: 2803733

Ion Ratio Lower Upper

82 100

128 39.4 33.0 49.4

54 47.8 39.3 58.9



#24

Nitrobenzene

Concen: 47.503 ng

RT: 9.040 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

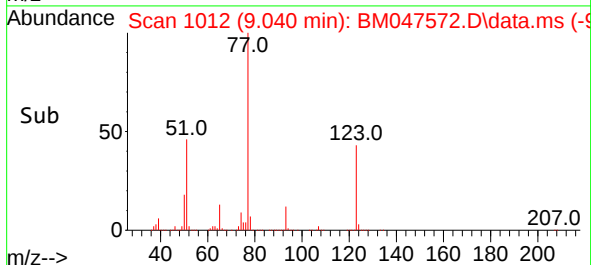
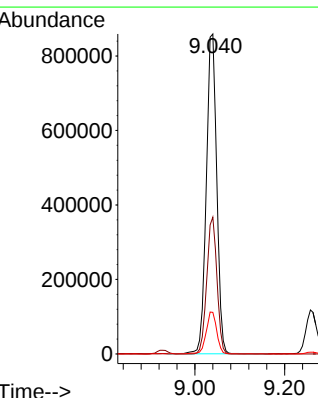
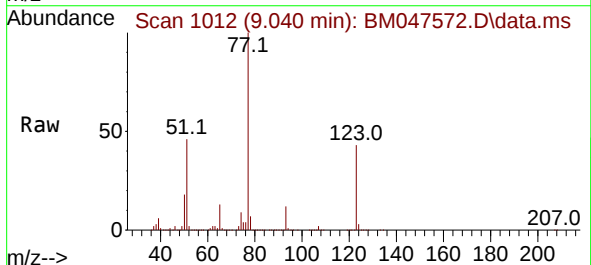
Tgt Ion: 77 Resp: 1384249

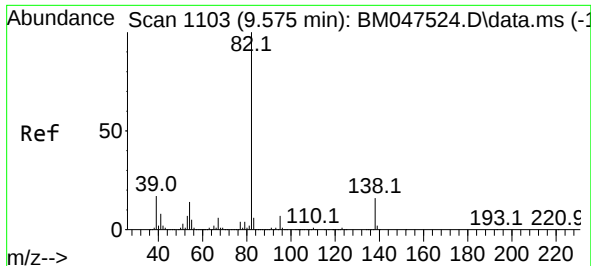
Ion Ratio Lower Upper

77 100

123 42.8 34.5 51.7

65 13.0 10.7 16.1





#25

Isophorone

Concen: 48.301 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

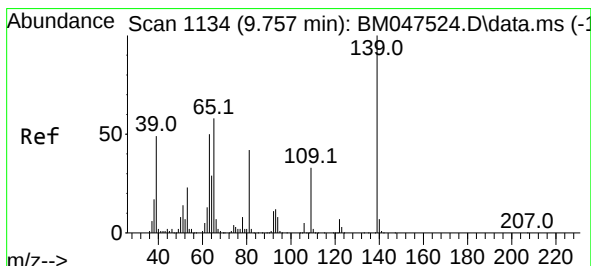
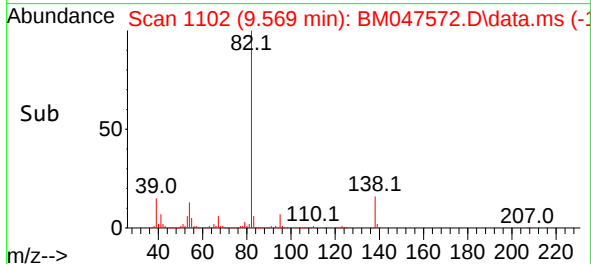
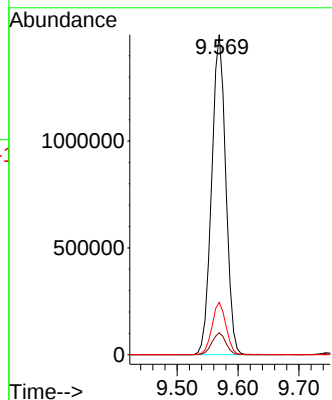
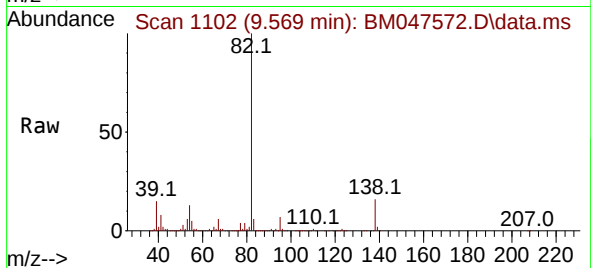
Tgt Ion: 82 Resp: 2408049

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 16.3 12.9 19.3



#26

2-Nitrophenol

Concen: 54.181 ng

RT: 9.746 min Scan# 1132

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

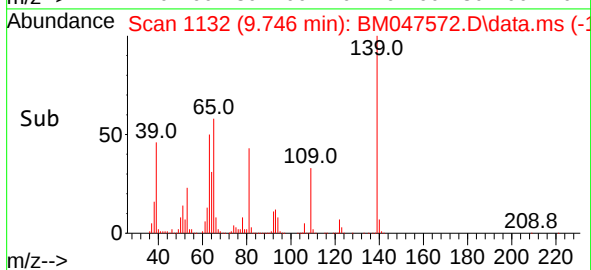
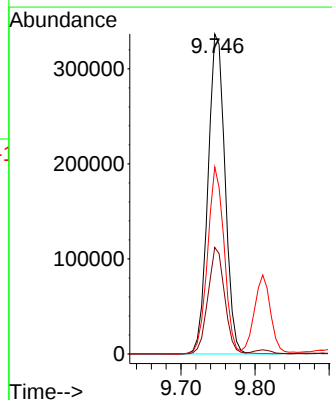
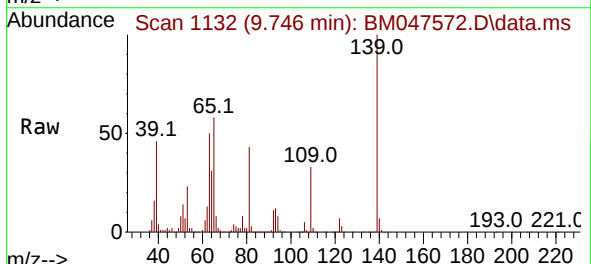
Tgt Ion:139 Resp: 538012

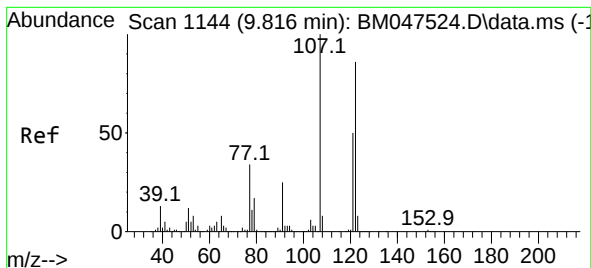
Ion Ratio Lower Upper

139 100

109 33.3 26.0 39.0

65 58.4 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 72.029 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

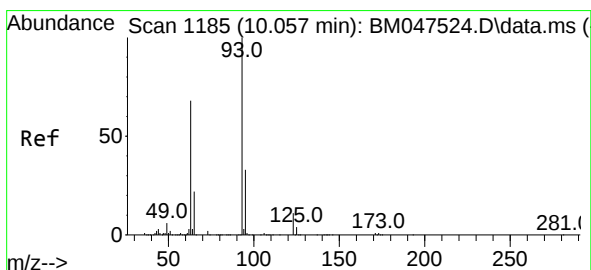
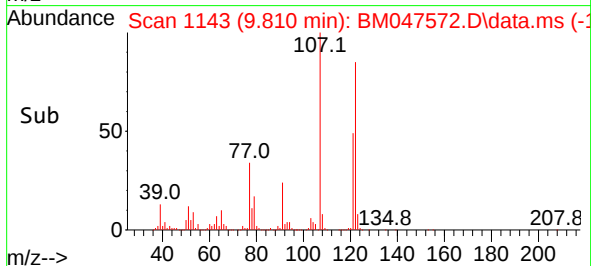
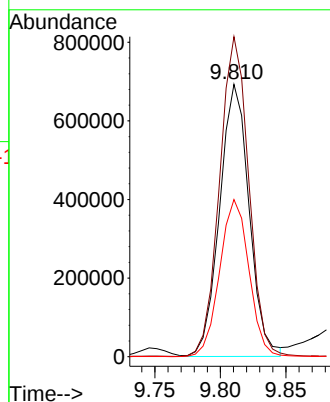
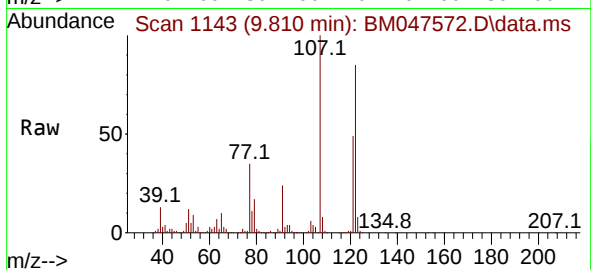
Tgt Ion:122 Resp: 1084213

Ion Ratio Lower Upper

122 100

107 117.5 92.4 138.6

121 57.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 48.709 ng

RT: 10.046 min Scan# 1183

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

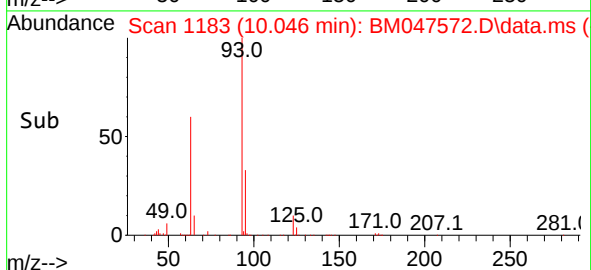
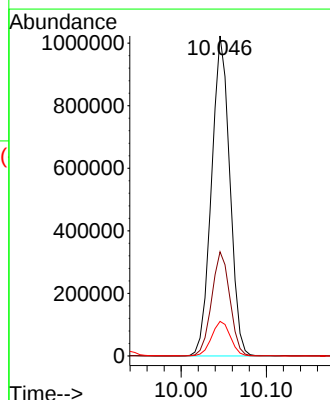
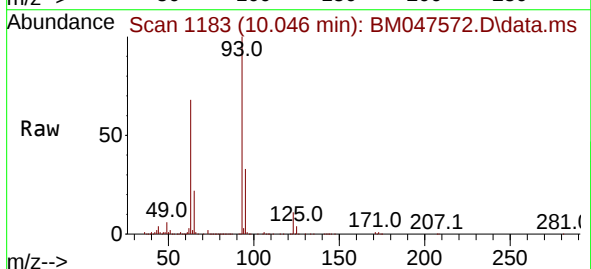
Tgt Ion: 93 Resp: 1525367

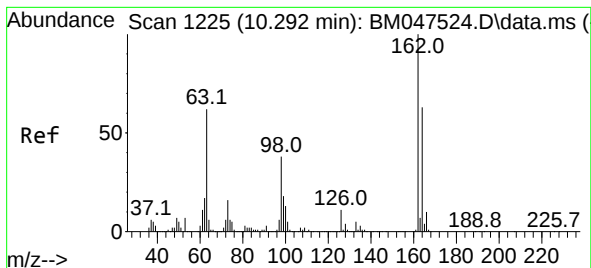
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.965 ng

RT: 10.281 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

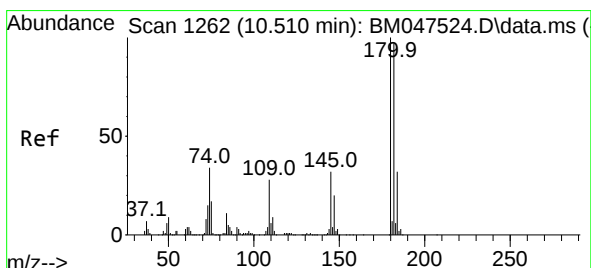
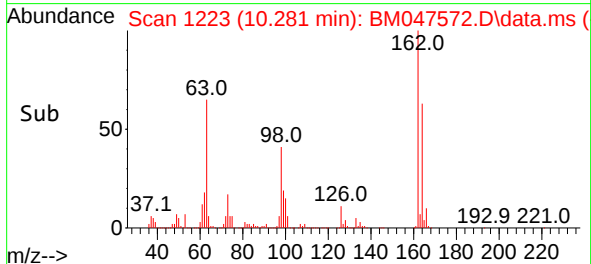
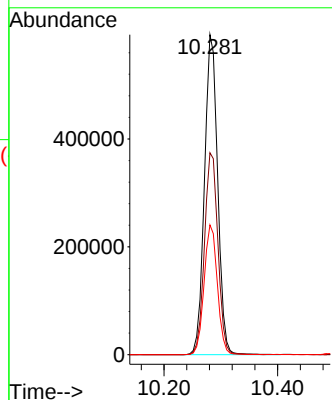
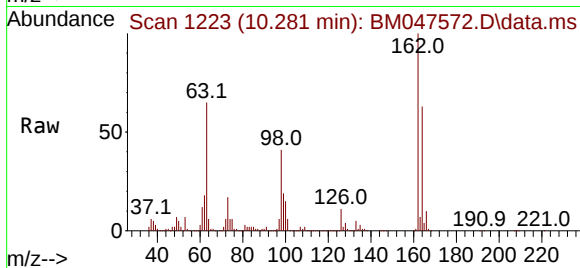
Tgt Ion:162 Resp: 955531

Ion Ratio Lower Upper

162 100

164 63.1 43.5 83.5

98 40.6 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 45.574 ng

RT: 10.498 min Scan# 1260

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

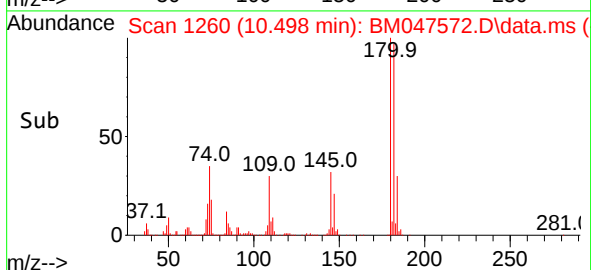
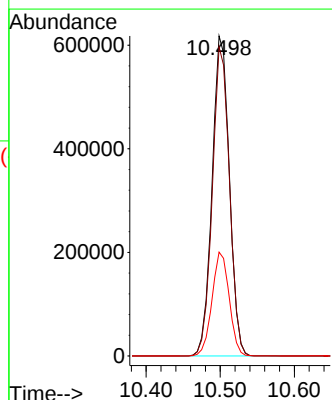
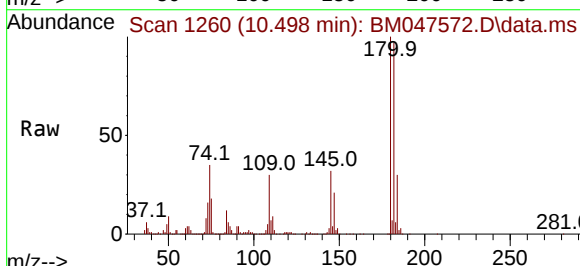
Tgt Ion:180 Resp: 998341

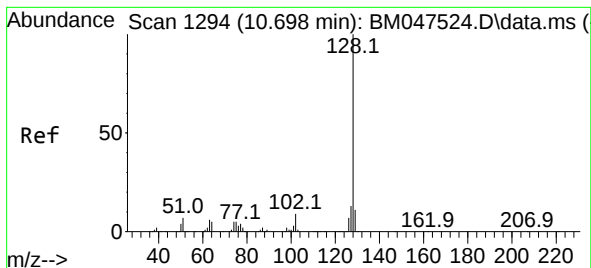
Ion Ratio Lower Upper

180 100

182 96.6 77.6 116.4

145 32.5 25.4 38.0

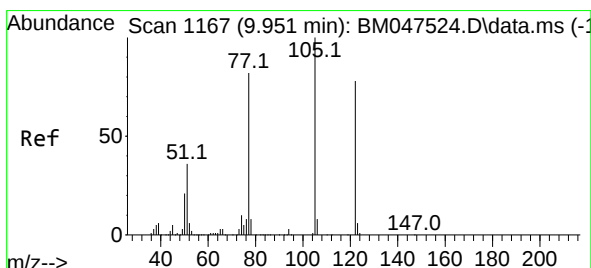
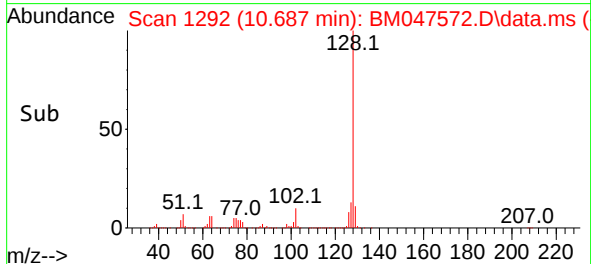
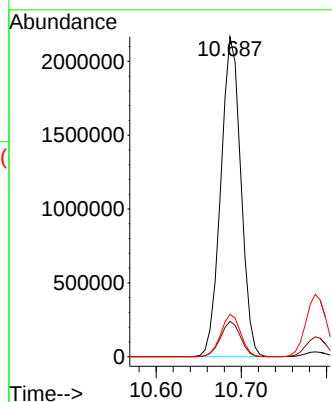
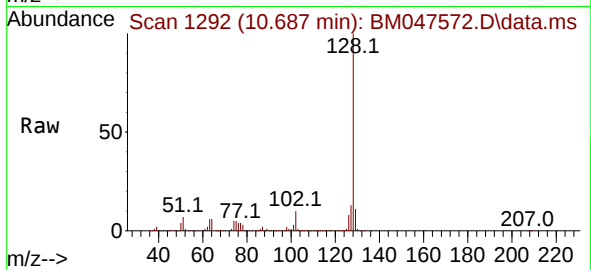




#31
Naphthalene
Concen: 46.300 ng
RT: 10.687 min Scan# 1164
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

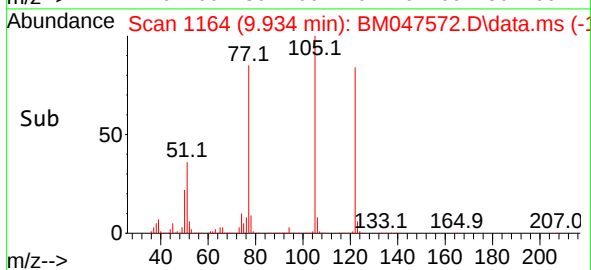
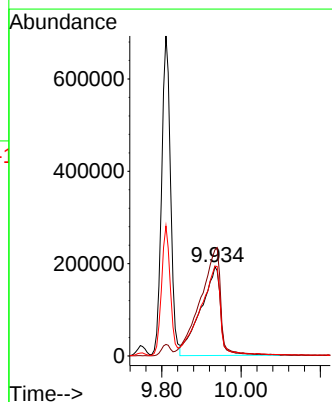
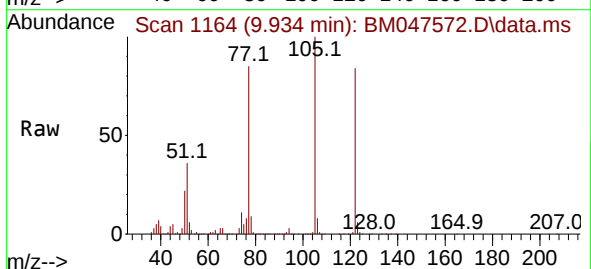
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

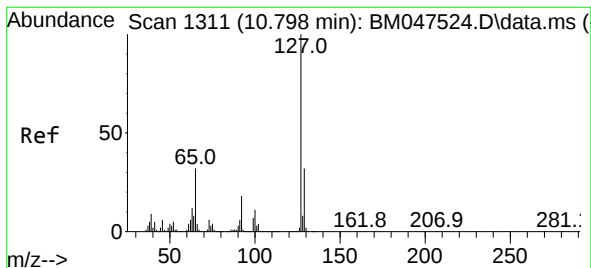
Tgt Ion:128 Resp: 3548855
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 45.676 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.017 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:122 Resp: 672160
Ion Ratio Lower Upper
122 100
105 119.0 104.7 144.7
77 100.9 83.4 123.4

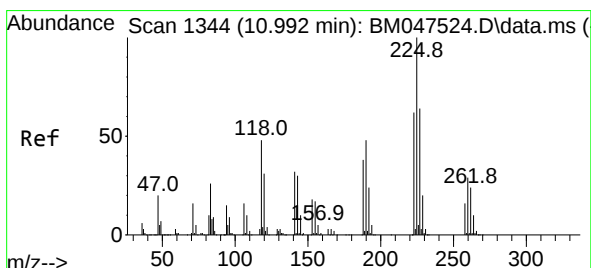
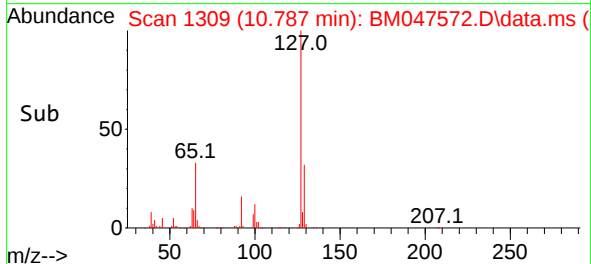
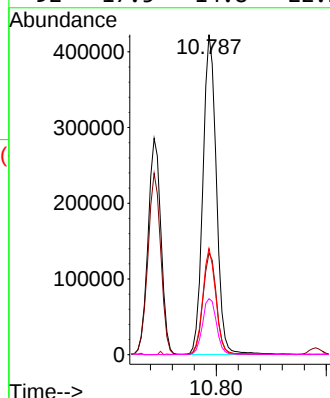
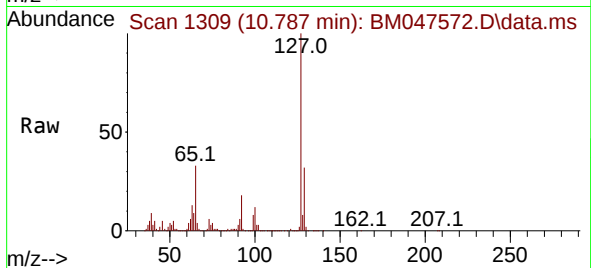




#33
4-Chloroaniline
Concen: 25.930 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

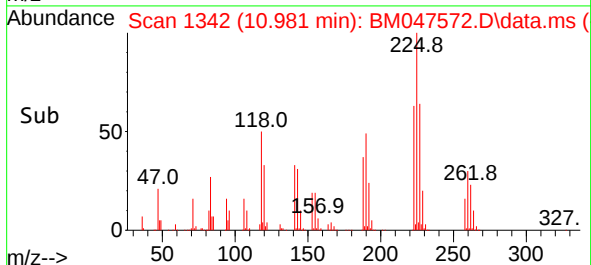
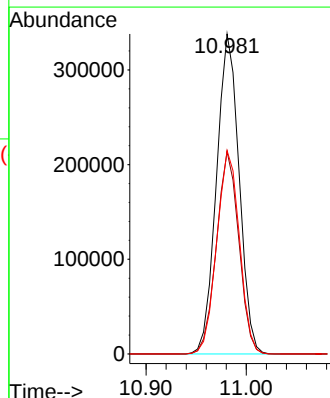
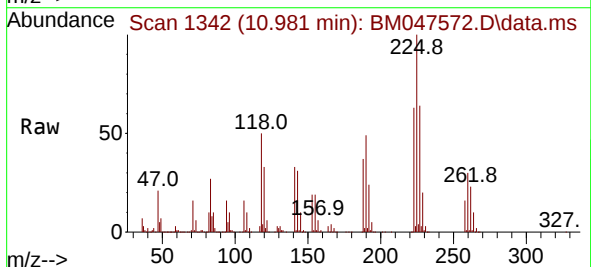
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

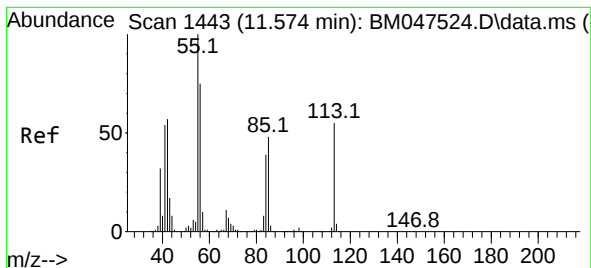
Tgt Ion:	127	Resp:	718585
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.0
65	33.2	25.5	38.3
92	17.5	14.8	22.2



#34
Hexachlorobutadiene
Concen: 43.599 ng
RT: 10.981 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:	225	Resp:	529001
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	63.5	51.0	76.4

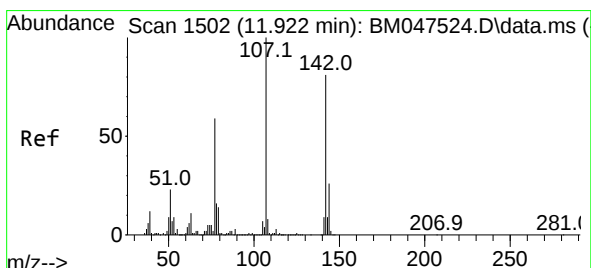
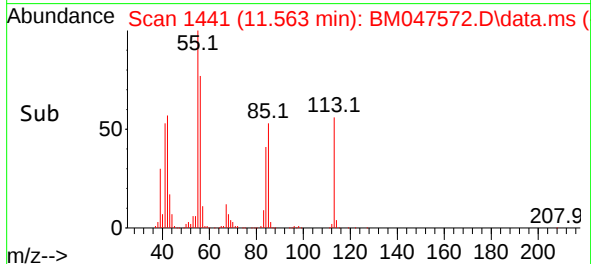
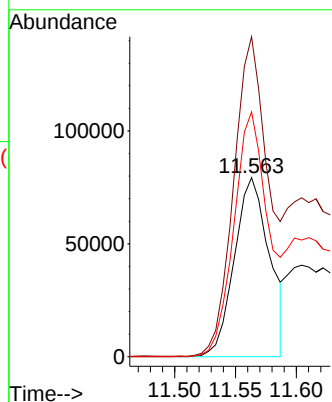
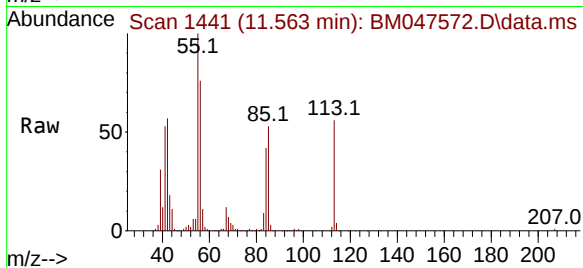




#35
Caprolactam
Concen: 25.254 ng
RT: 11.563 min Scan# 14
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

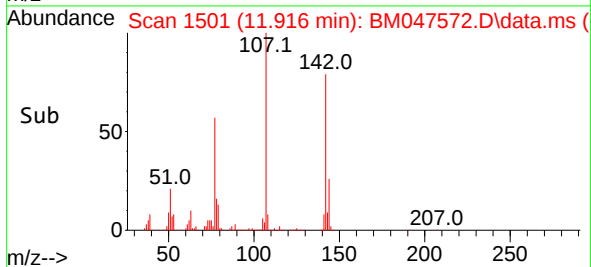
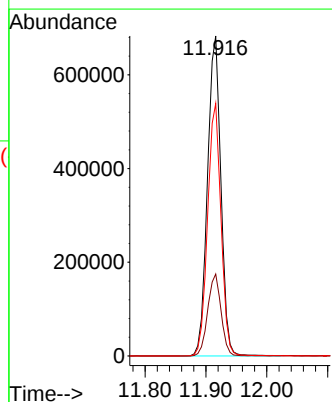
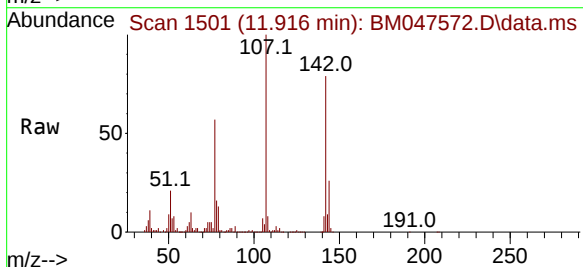
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

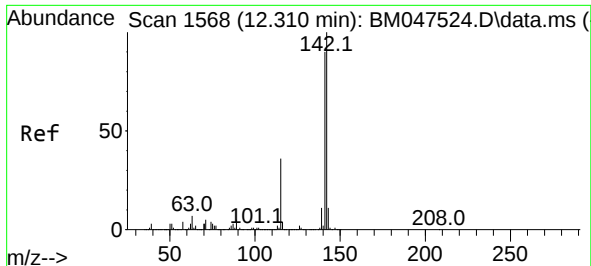
Tgt Ion:113 Resp: 159070
Ion Ratio Lower Upper
113 100
55 178.8 162.5 202.5
56 136.8 116.5 156.5



#36
4-Chloro-3-methylphenol
Concen: 47.672 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:107 Resp: 1044783
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 78.9 65.0 97.4





#37

2-Methylnaphthalene

Concen: 44.577 ng

RT: 12.298 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

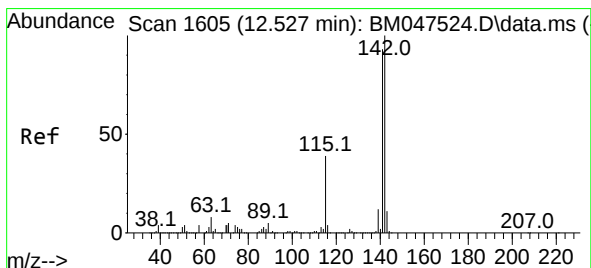
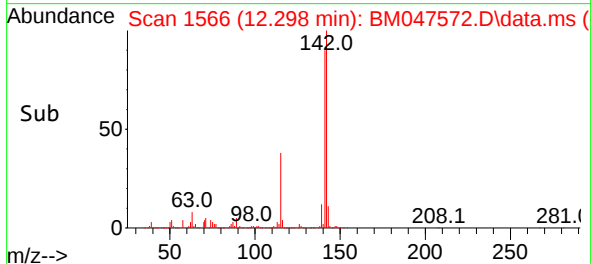
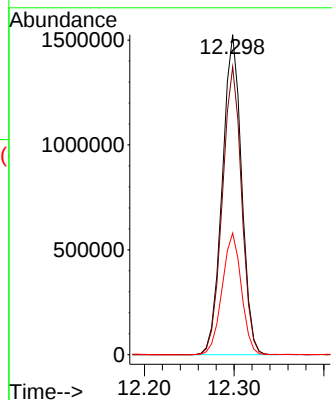
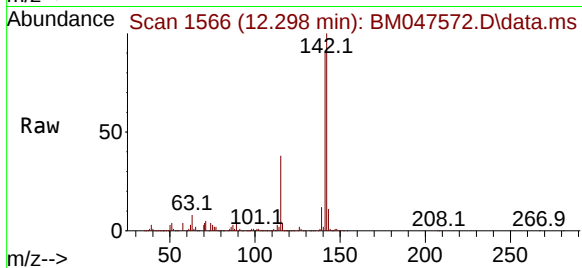
Tgt Ion:142 Resp: 2274053

Ion Ratio Lower Upper

142 100

141 90.0 72.2 108.4

115 38.0 29.1 43.7



#38

1-Methylnaphthalene

Concen: 41.899 ng

RT: 12.516 min Scan# 1603

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

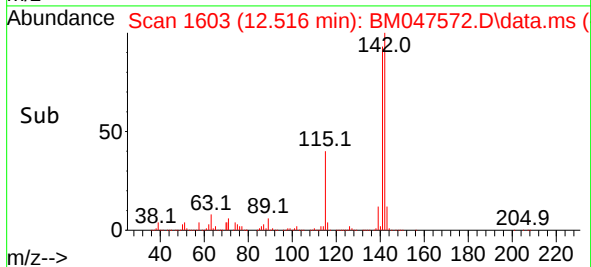
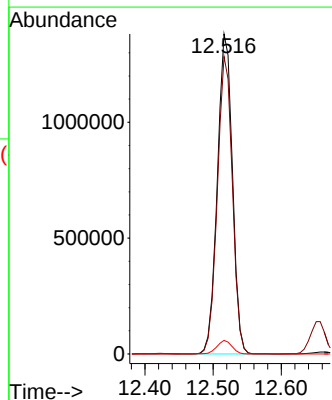
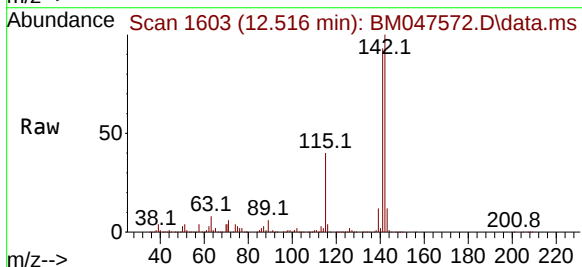
Tgt Ion:142 Resp: 2124121

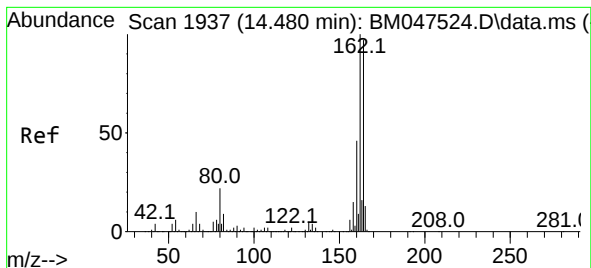
Ion Ratio Lower Upper

142 100

141 93.0 74.7 112.1

116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.475 min Scan# 1936

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

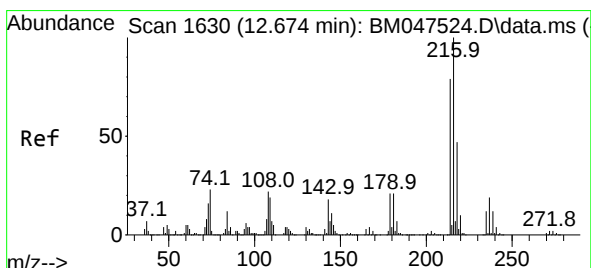
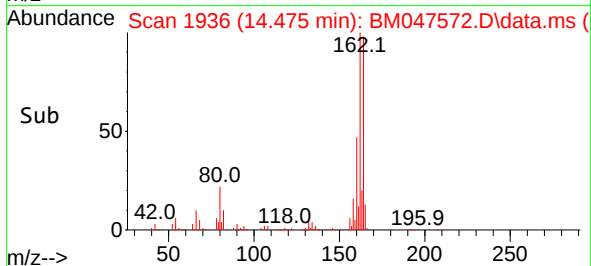
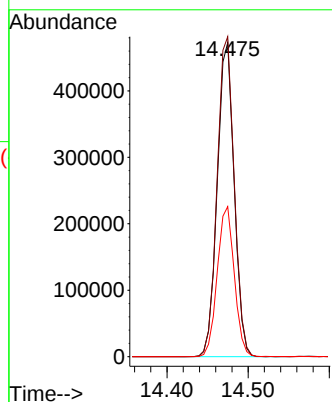
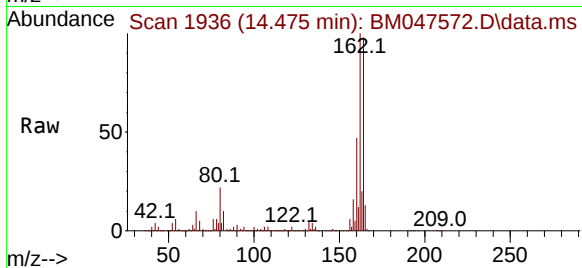
Tgt Ion:164 Resp: 682946

Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.2

160 47.8 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.371 ng

RT: 12.669 min Scan# 1629

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Tgt Ion:216 Resp: 1004776

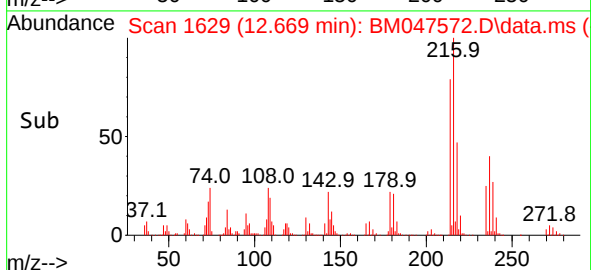
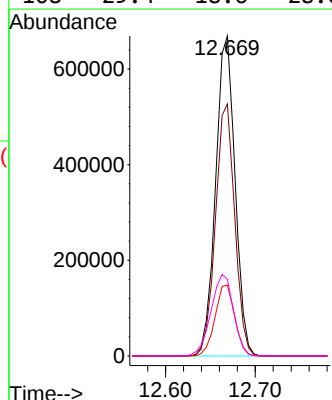
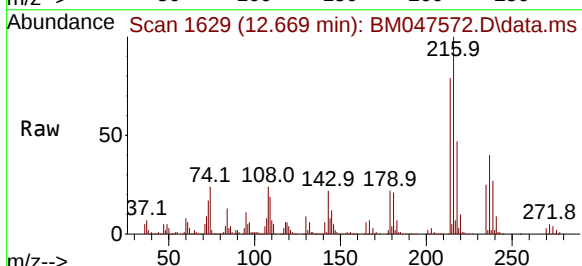
Ion Ratio Lower Upper

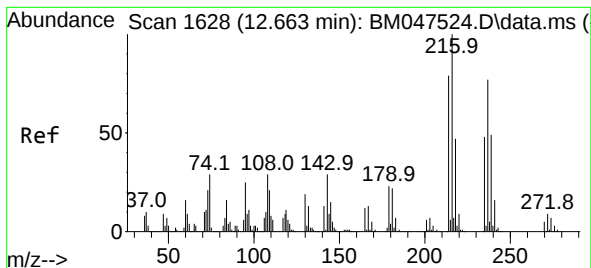
216 100

214 78.2 63.0 94.6

179 22.6 17.5 26.3

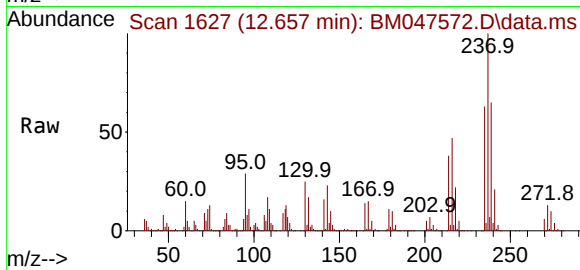
108 29.4 18.6 28.0#



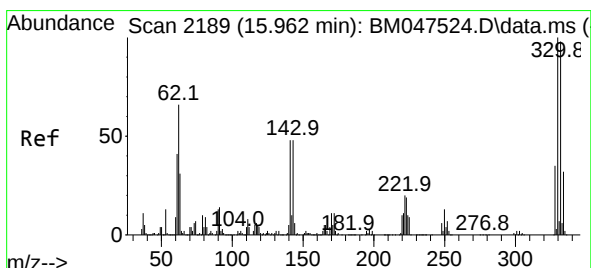
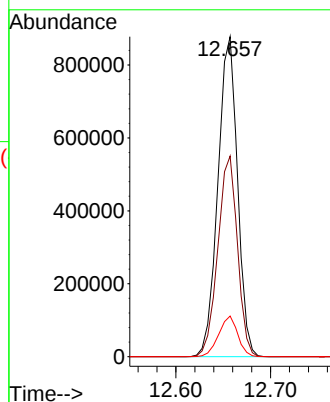
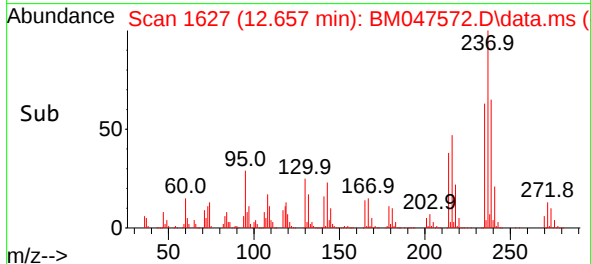


#41
Hexachlorocyclopentadiene
Concen: 209.002 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

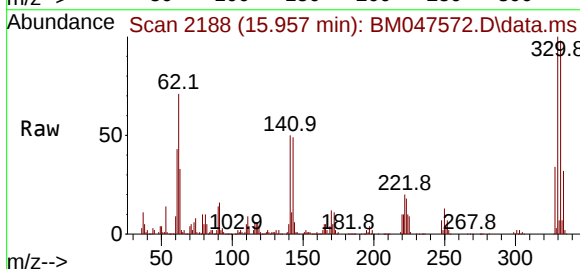
Instrument :
BNA_M
ClientSampleId :
PB163344BSD



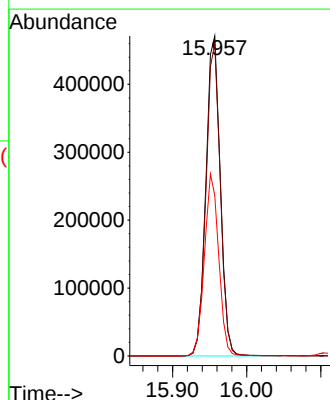
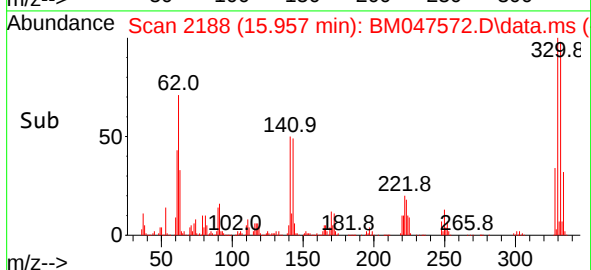
Tgt Ion:237 Resp: 1262653
Ion Ratio Lower Upper
237 100
235 62.7 42.0 82.0
272 12.7 0.0 31.5

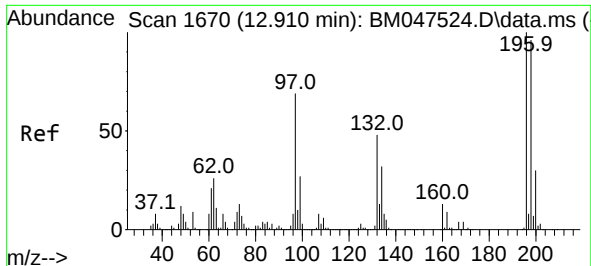


#42
2,4,6-Tribromophenol
Concen: 96.490 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53



Tgt Ion:330 Resp: 636957
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 56.6 42.2 63.2

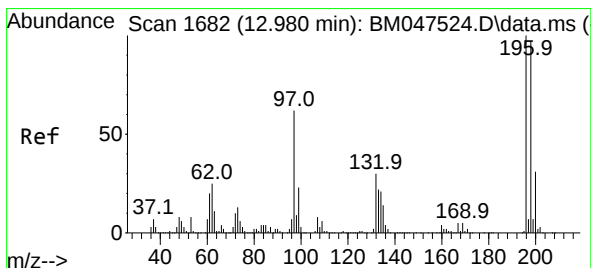
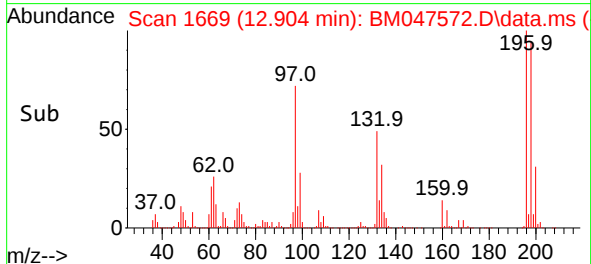
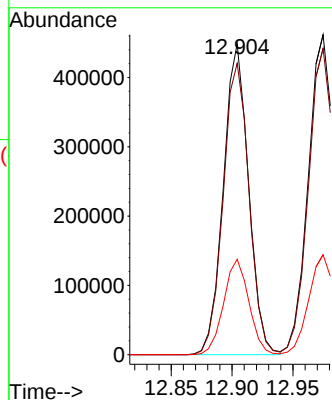
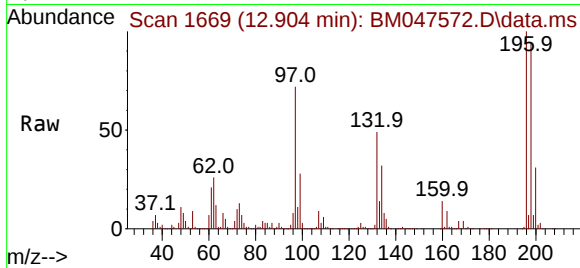




#43
2,4,6-Trichlorophenol
Concen: 55.877 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

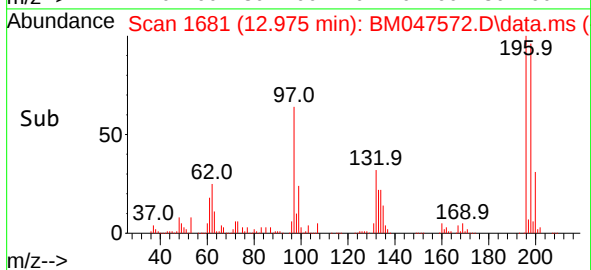
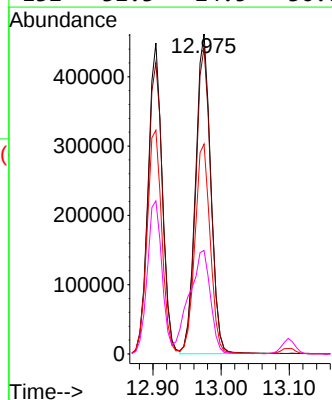
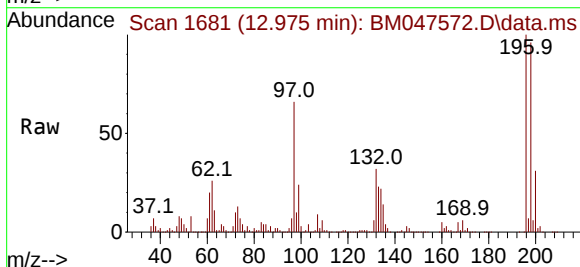
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

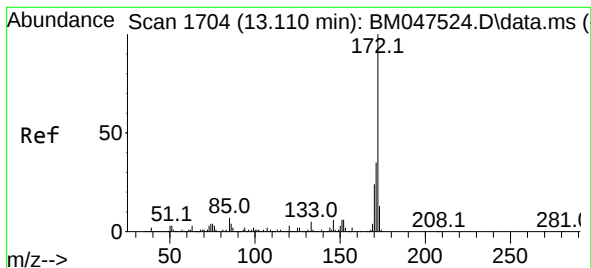
Tgt Ion:196 Resp: 646920
Ion Ratio Lower Upper
196 100
198 93.8 76.9 115.3
200 30.7 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 54.436 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:196 Resp: 711865
Ion Ratio Lower Upper
196 100
198 95.7 77.4 116.2
97 65.6 49.8 74.8
132 32.3 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 104.555 ng

RT: 13.098 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

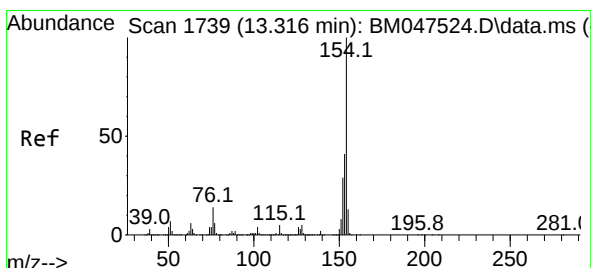
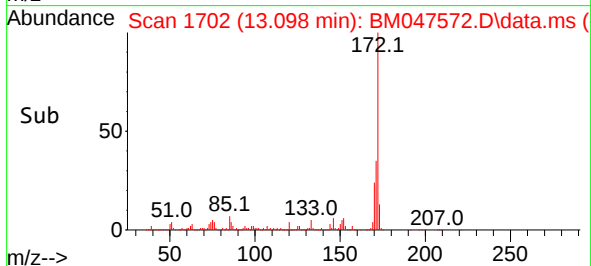
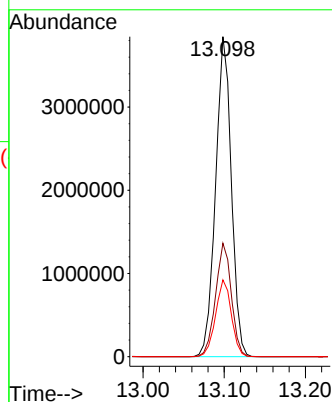
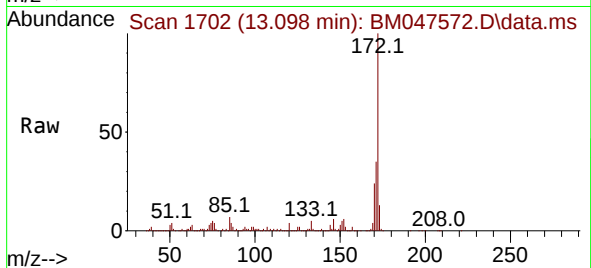
Tgt Ion:172 Resp: 5183631

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 51.847 ng

RT: 13.310 min Scan# 1738

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

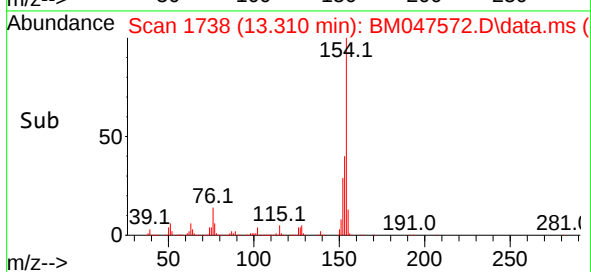
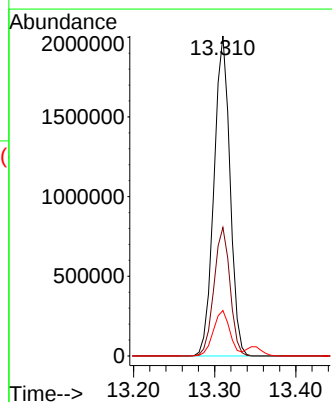
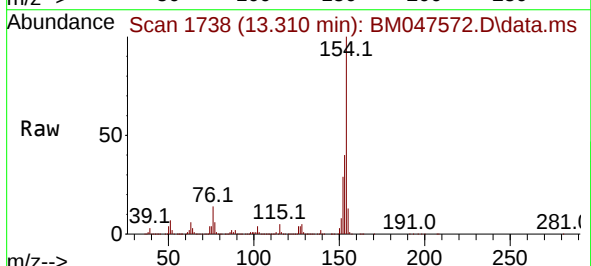
Tgt Ion:154 Resp: 2755007

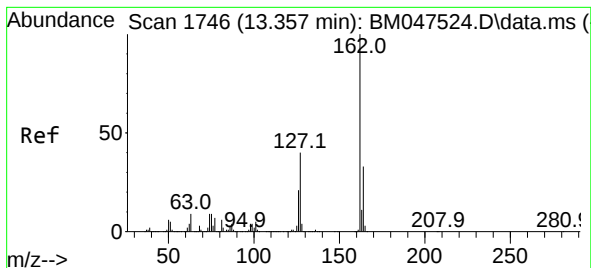
Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

76 14.2 0.0 33.9

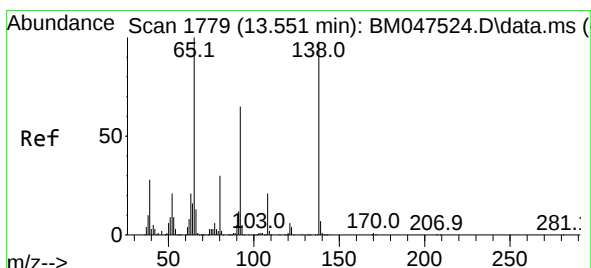
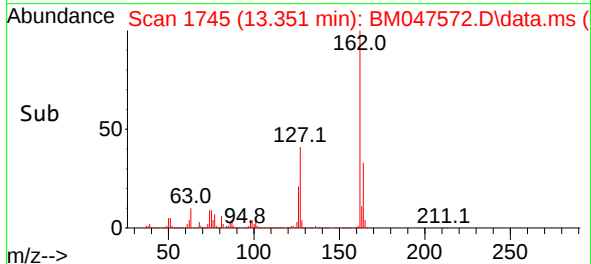
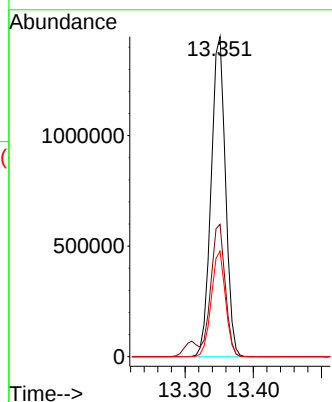
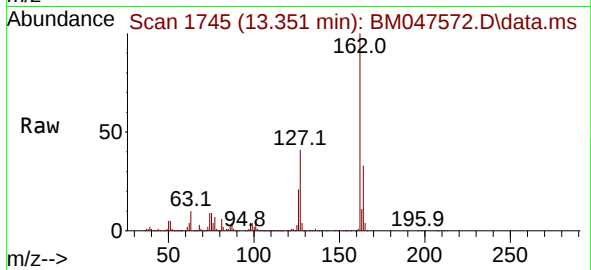




#47
2-Chloronaphthalene
Concen: 51.472 ng
RT: 13.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

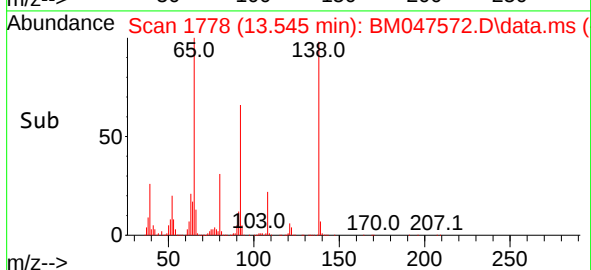
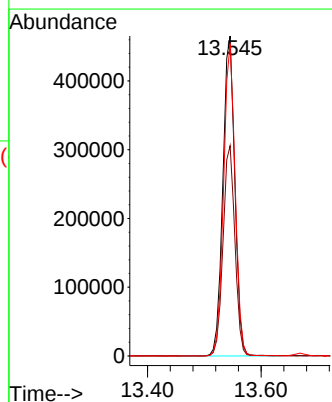
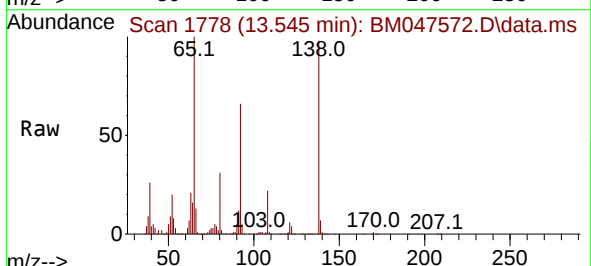
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

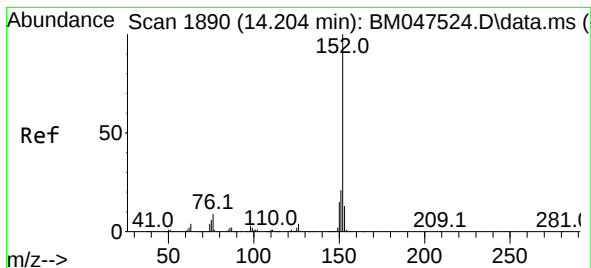
Tgt Ion:162 Resp: 2123730
Ion Ratio Lower Upper
162 100
127 41.3 32.2 48.4
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 56.245 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion: 65 Resp: 681614
Ion Ratio Lower Upper
65 100
92 65.7 51.9 77.9
138 97.6 78.5 117.7





#49

Acenaphthylene

Concen: 54.265 ng

RT: 14.192 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

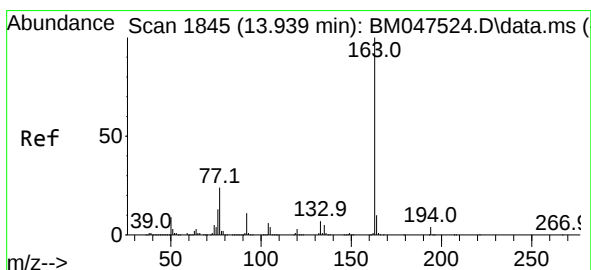
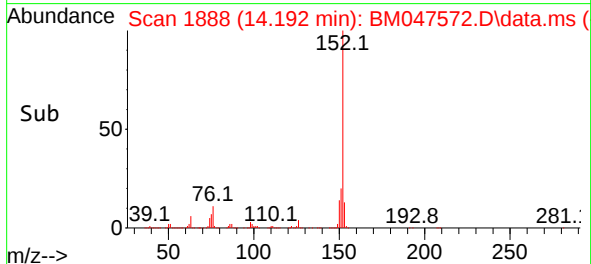
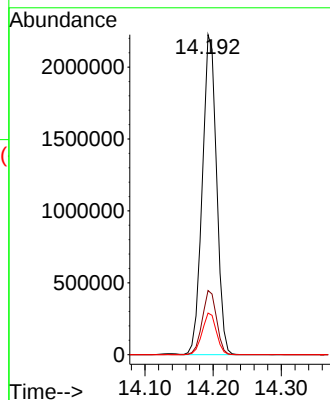
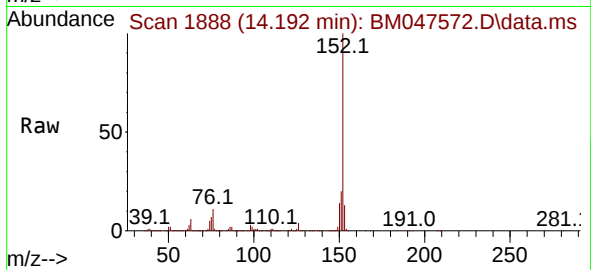
Tgt Ion:152 Resp: 3230936

Ion Ratio Lower Upper

152 100

151 20.1 16.5 24.7

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 51.652 ng

RT: 13.934 min Scan# 1844

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

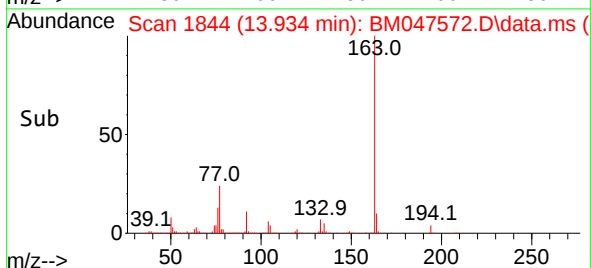
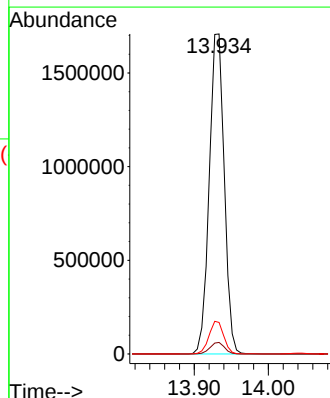
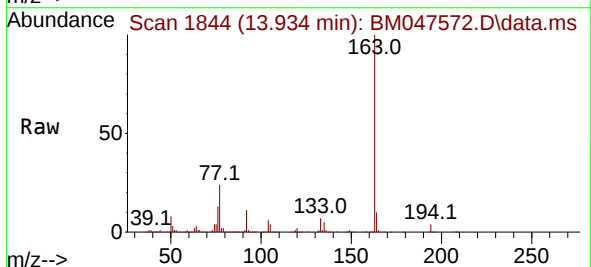
Tgt Ion:163 Resp: 2404327

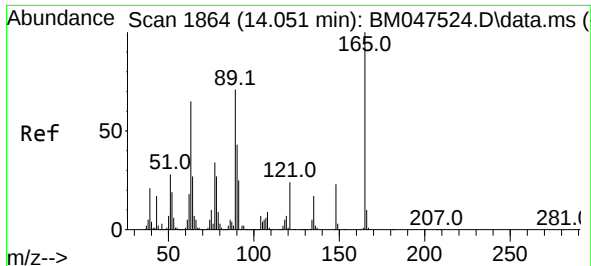
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 9.9 7.9 11.9

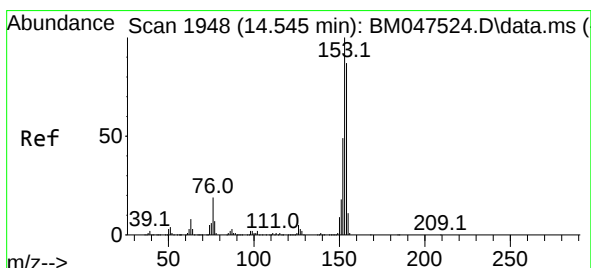
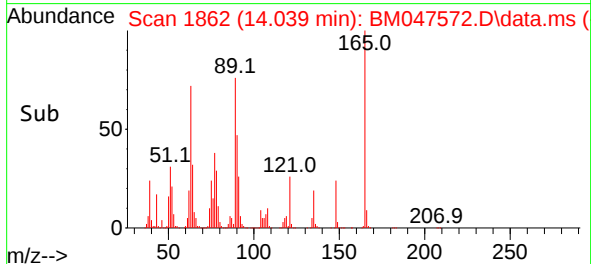
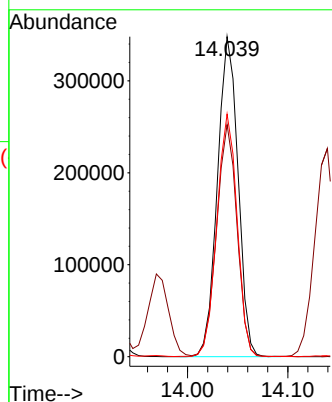
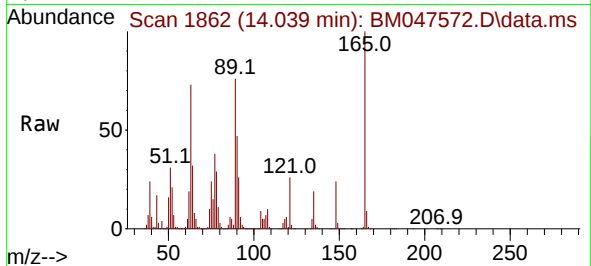




#51
2,6-Dinitrotoluene
Concen: 50.378 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

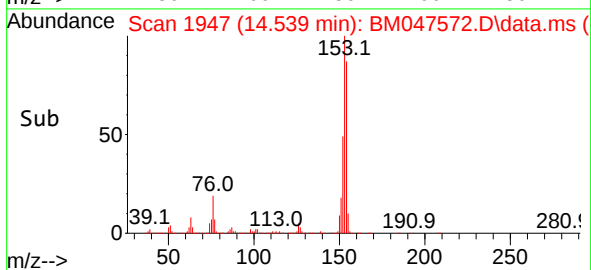
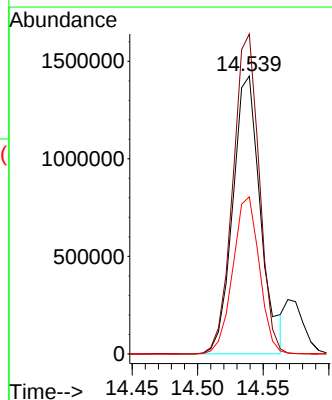
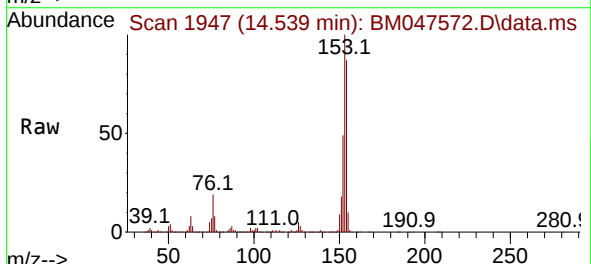
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

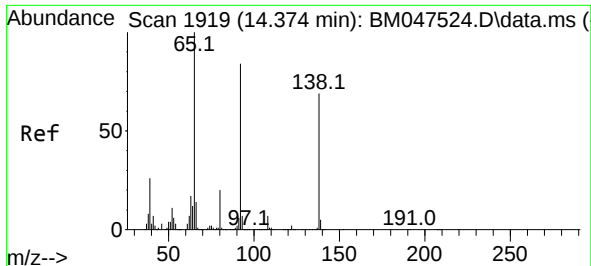
Tgt Ion:165 Resp: 495038
Ion Ratio Lower Upper
165 100
63 72.5 54.2 81.2
89 75.8 56.4 84.6



#52
Acenaphthene
Concen: 50.214 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:154 Resp: 2094832
Ion Ratio Lower Upper
154 100
153 115.1 92.2 138.2
152 56.6 45.4 68.0

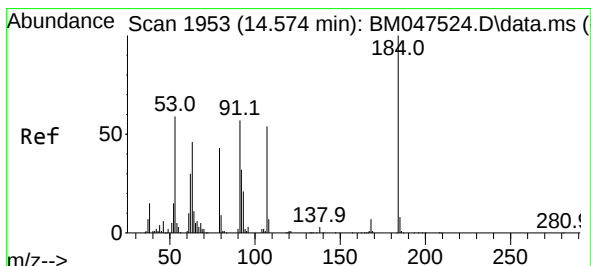
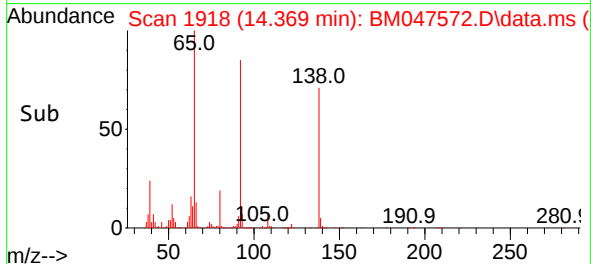
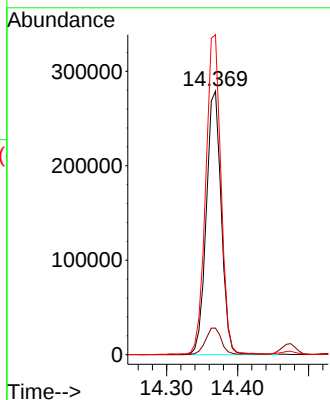
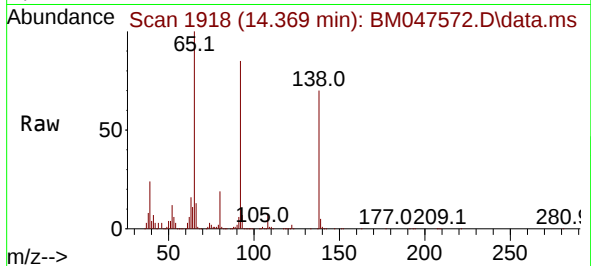




#53
3-Nitroaniline
Concen: 37.485 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

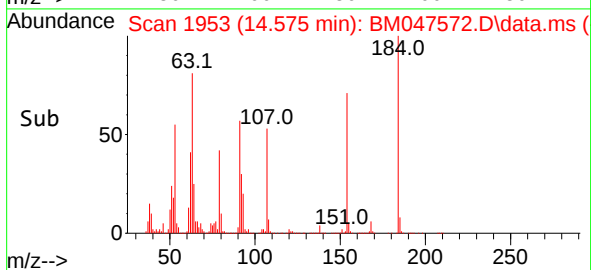
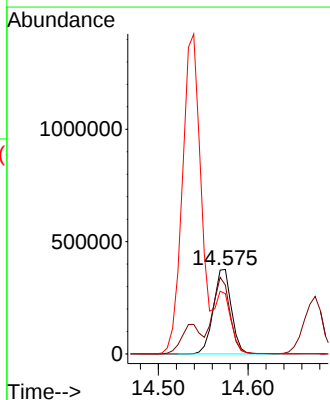
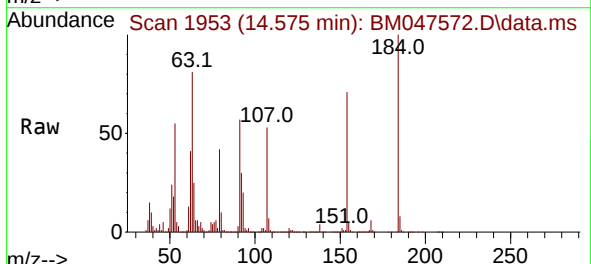
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

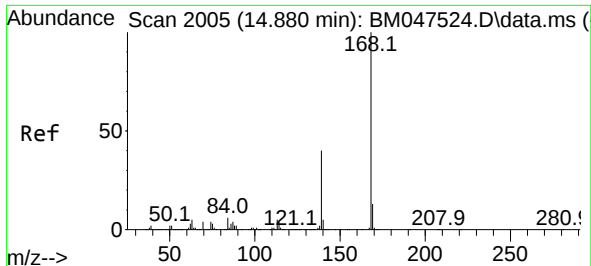
Tgt Ion:138 Resp: 409423
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 121.4 97.4 146.0



#54
2,4-Dinitrophenol
Concen: 90.247 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:184 Resp: 526393
Ion Ratio Lower Upper
184 100
63 81.5 69.4 104.0
154 71.3 60.4 90.6

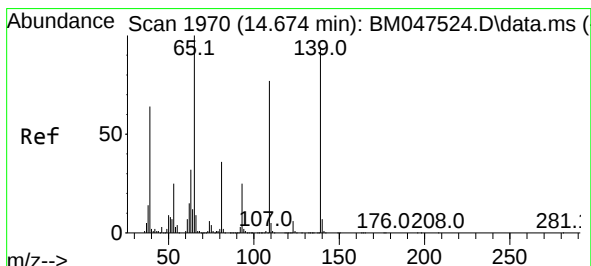
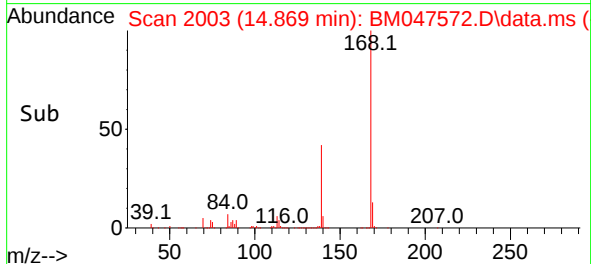
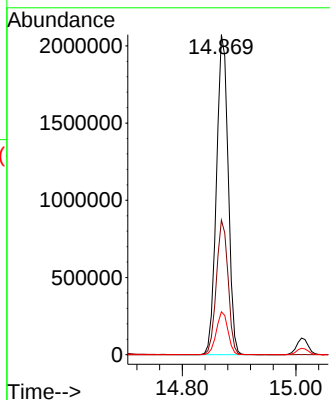
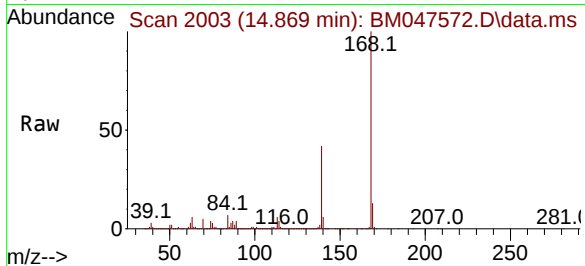




#55
Dibenzenofuran
Concen: 50.509 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

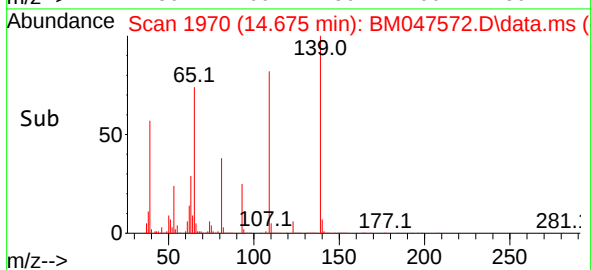
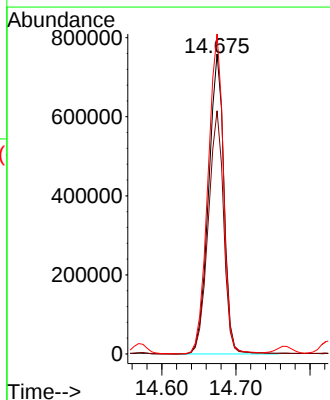
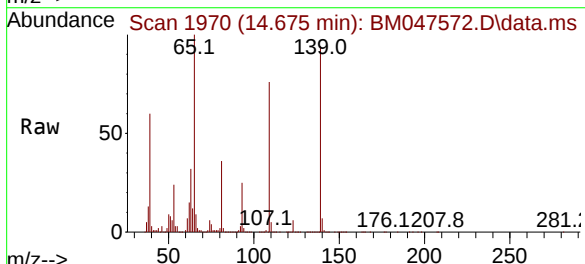
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

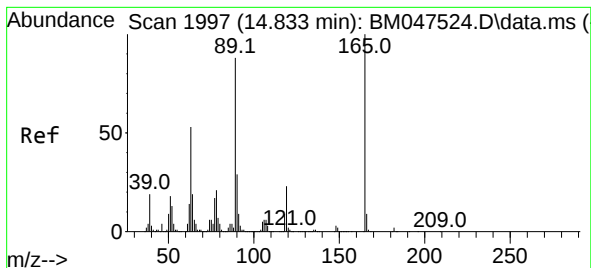
Tgt Ion:168 Resp: 2961034
Ion Ratio Lower Upper
168 100
139 42.0 31.9 47.9
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 121.912 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:139 Resp: 1095708
Ion Ratio Lower Upper
139 100
109 81.1 62.0 102.0
65 106.7 87.0 127.0

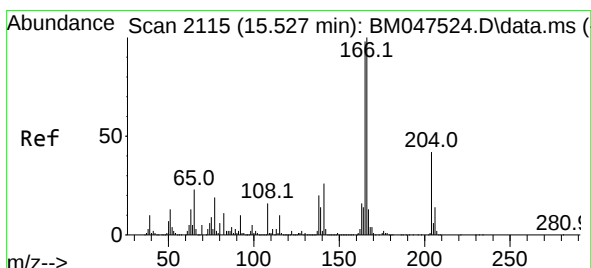
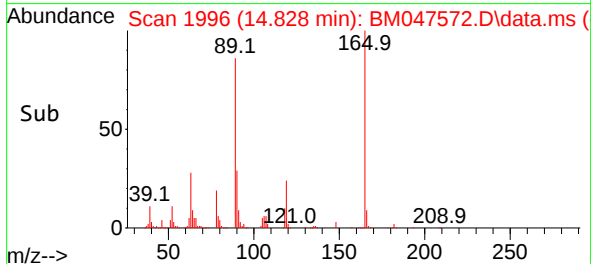
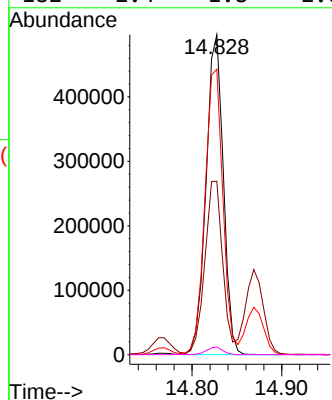
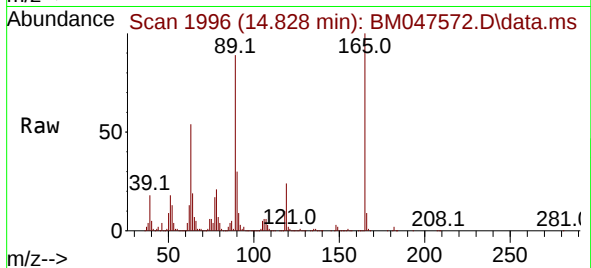




#57
2,4-Dinitrotoluene
Concen: 50.649 ng
RT: 14.828 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

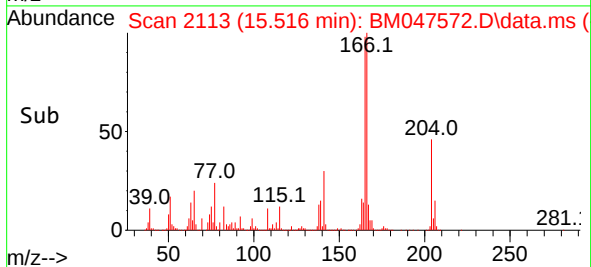
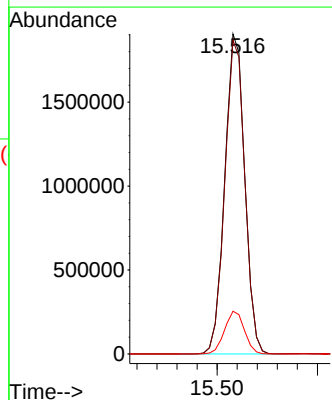
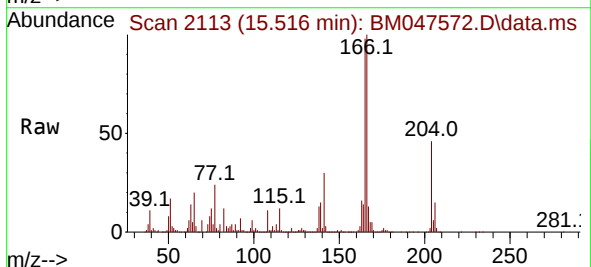
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

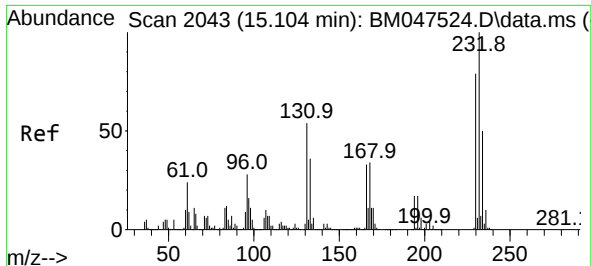
Tgt Ion:165 Resp: 663779
Ion Ratio Lower Upper
165 100
63 54.2 42.4 63.6
89 89.3 70.5 105.7
182 2.4 1.8 2.6



#58
Fluorene
Concen: 49.796 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:166 Resp: 2628261
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.4 10.7 16.1

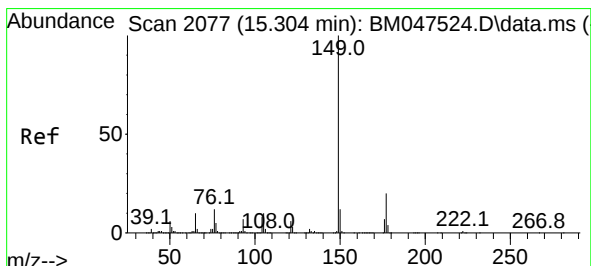
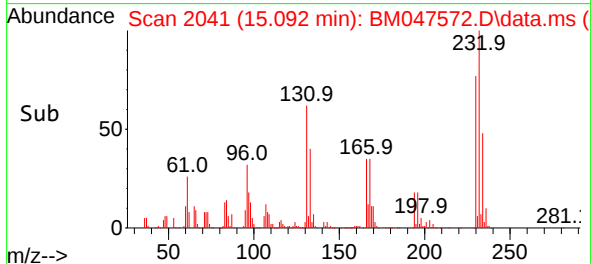
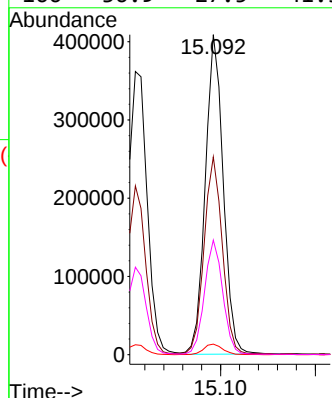
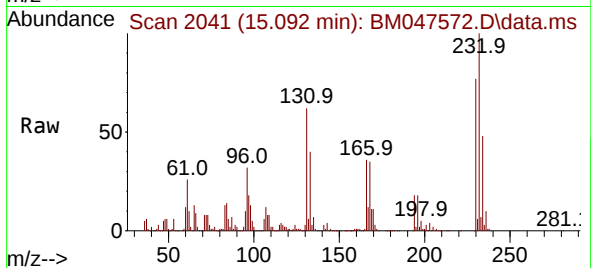




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.632 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

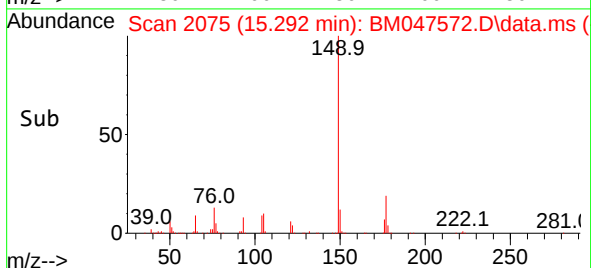
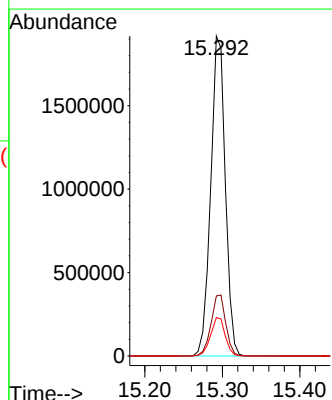
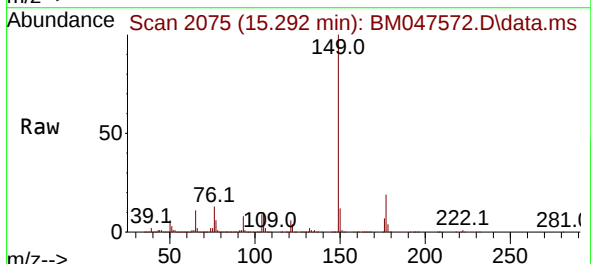
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

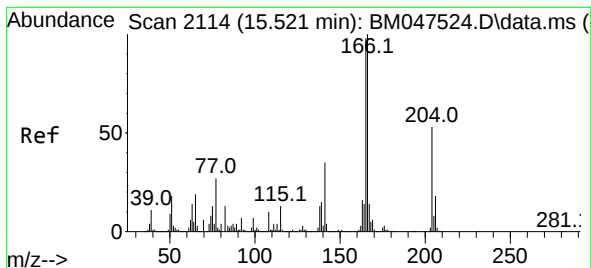
Tgt Ion:232 Resp: 536614
Ion Ratio Lower Upper
232 100
131 63.5 47.0 70.4
130 3.6 2.6 3.8
166 36.9 27.5 41.3



#60
Diethylphthalate
Concen: 50.486 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:149 Resp: 2501096
Ion Ratio Lower Upper
149 100
177 18.8 15.8 23.8
150 12.0 9.7 14.5

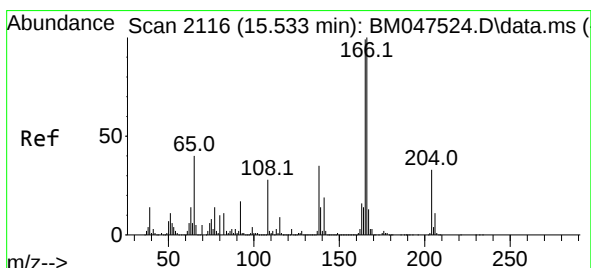
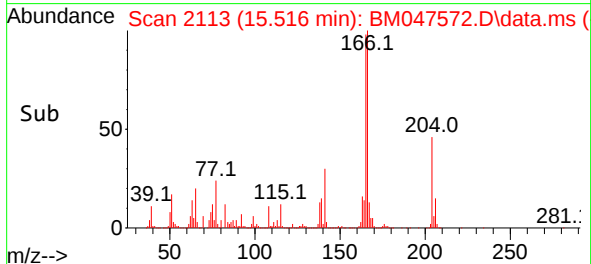
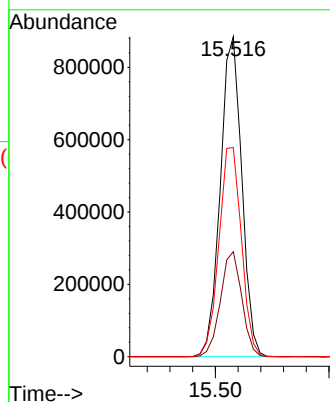
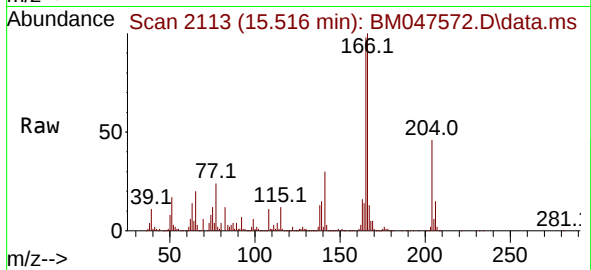




#61
4-Chlorophenyl-phenylether
Concen: 48.195 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

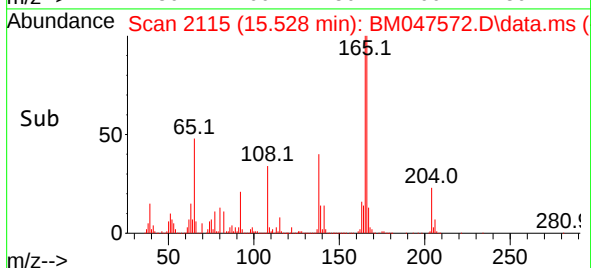
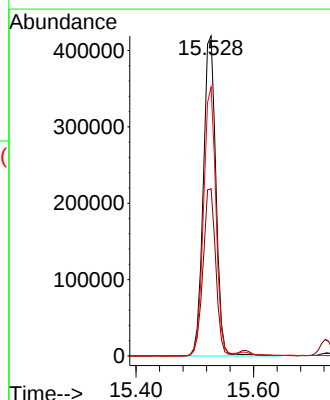
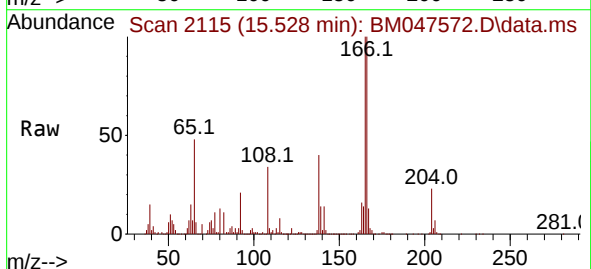
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

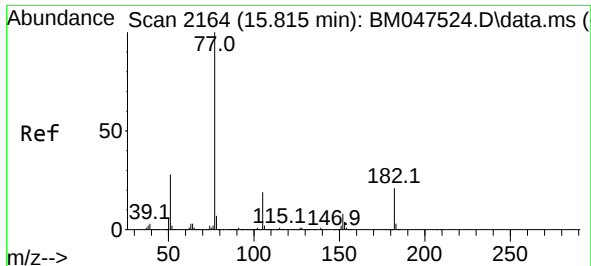
Tgt Ion:204 Resp: 1163095
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 65.3 52.1 78.1



#62
4-Nitroaniline
Concen: 48.477 ng
RT: 15.528 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:138 Resp: 622383
Ion Ratio Lower Upper
138 100
92 52.3 30.0 70.0
108 84.0 61.7 101.7



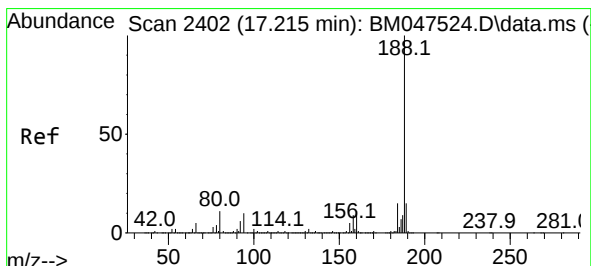
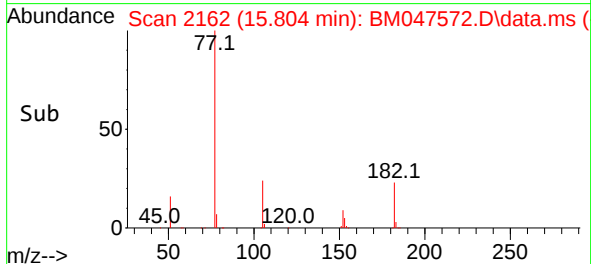
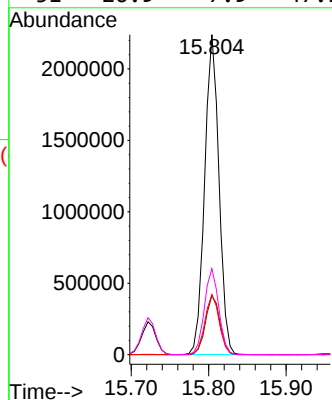
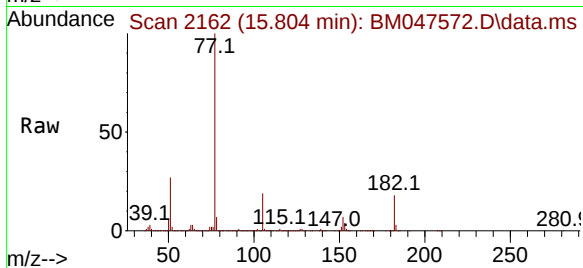


#63
Azobenzene
Concen: 52.559 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Instrument :
BNA_M
ClientSampleId :
PB163344BSD

Tgt Ion: 77 Resp: 2867029

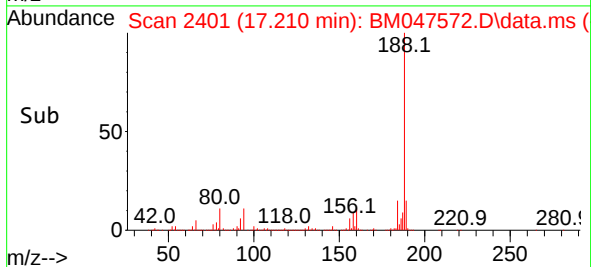
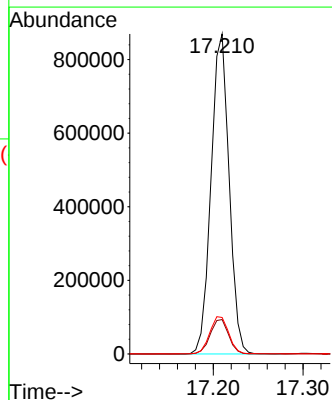
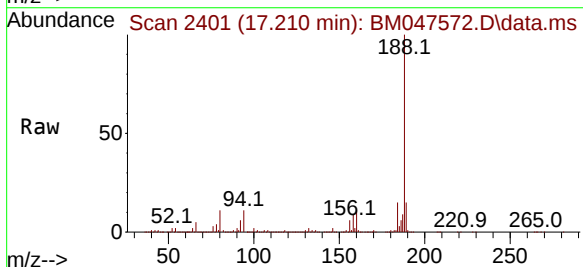
Ion	Ratio	Lower	Upper
77	100		
182	18.5	1.2	41.2
105	18.8	0.0	39.4
51	26.9	7.9	47.9

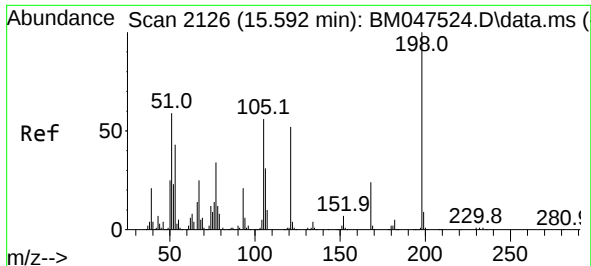


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion: 188 Resp: 1211941

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	11.4	9.1	13.7

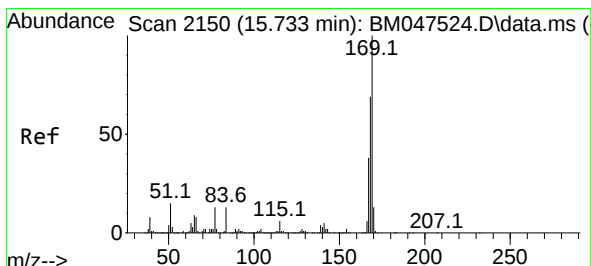
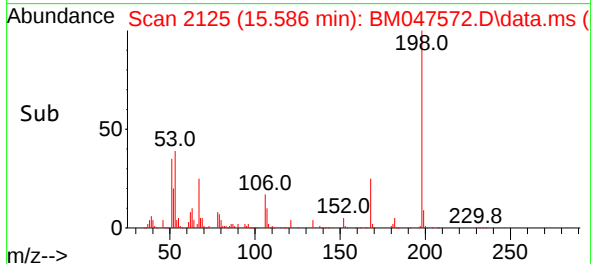
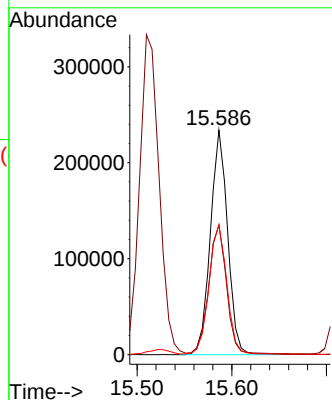
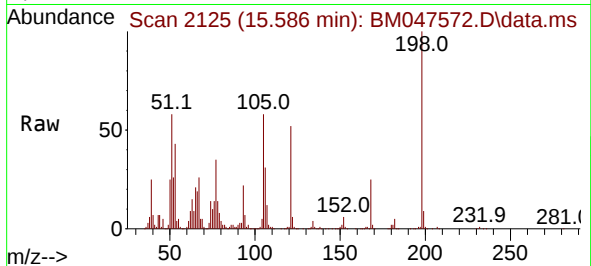




#65
4,6-Dinitro-2-methylphenol
Concen: 47.900 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

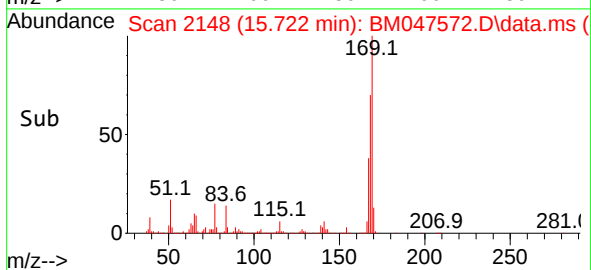
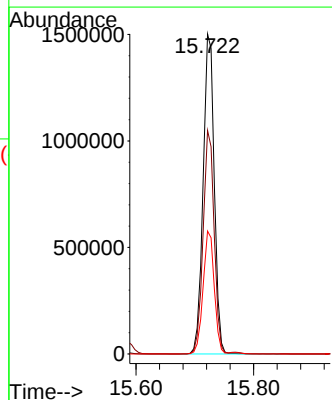
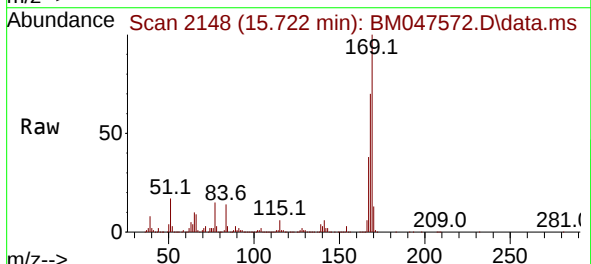
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

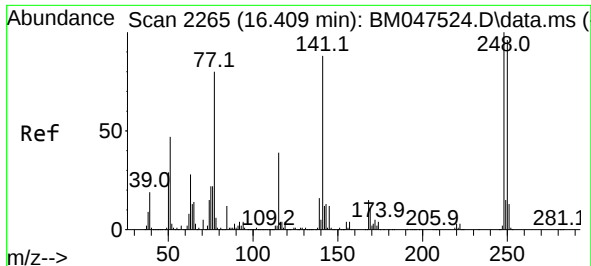
Tgt Ion:198 Resp: 295576
Ion Ratio Lower Upper
198 100
51 57.8 41.5 81.5
105 57.7 36.4 76.4



#66
n-Nitrosodiphenylamine
Concen: 53.355 ng
RT: 15.722 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

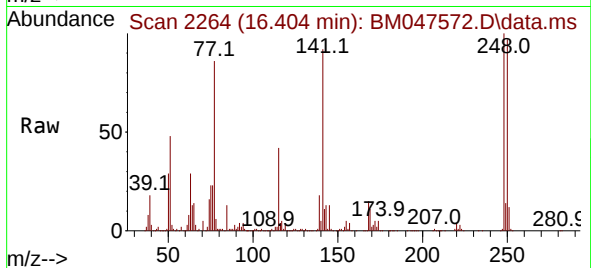
Tgt Ion:169 Resp: 1978157
Ion Ratio Lower Upper
169 100
168 69.9 55.3 82.9
167 38.4 30.5 45.7



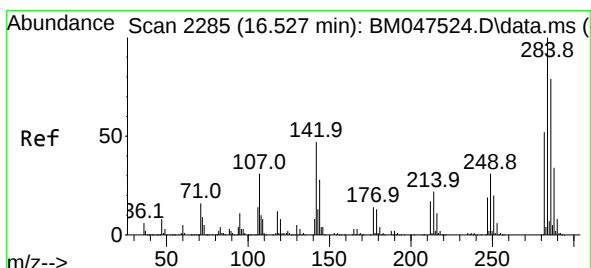
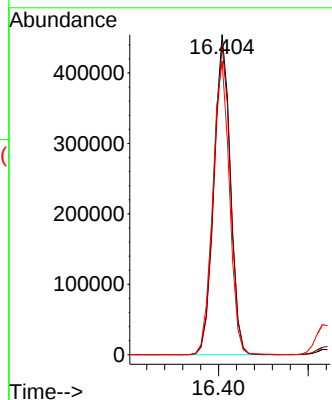
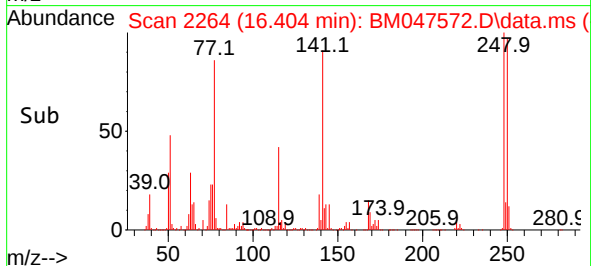


#67
4-Bromophenyl-phenylether
Concen: 49.150 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

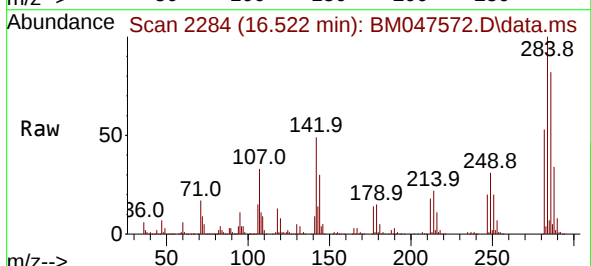
Instrument :
BNA_M
ClientSampleId :
PB163344BSD



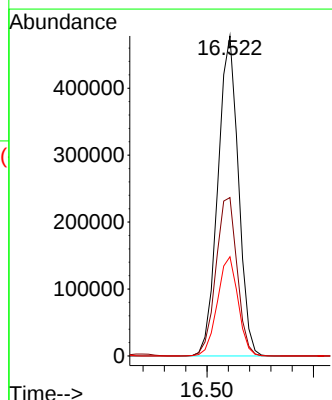
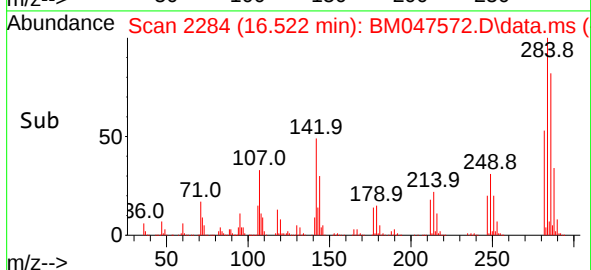
Tgt Ion:248 Resp: 578795
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 91.7 70.8 106.2

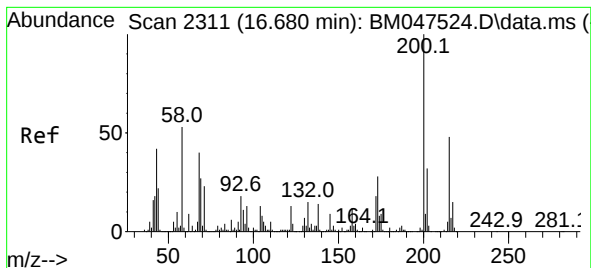


#68
Hexachlorobenzene
Concen: 47.778 ng
RT: 16.522 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53



Tgt Ion:284 Resp: 637383
Ion Ratio Lower Upper
284 100
142 49.5 37.3 55.9
249 31.0 24.5 36.7





#69

Atrazine

Concen: 54.595 ng

RT: 16.675 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

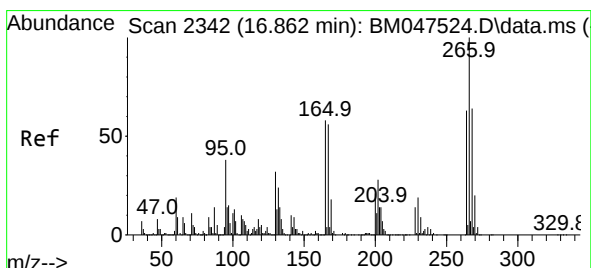
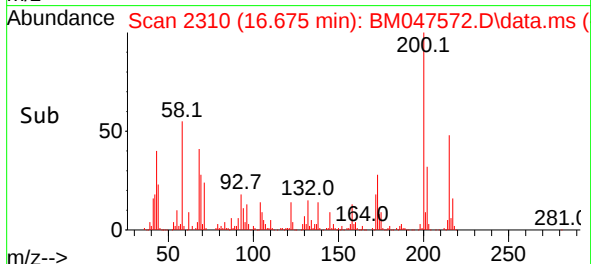
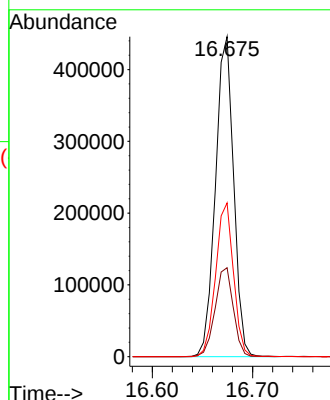
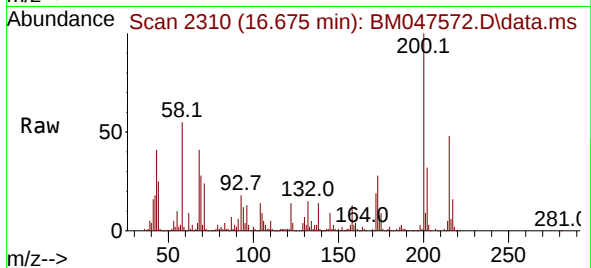
Tgt Ion:200 Resp: 559460

Ion Ratio Lower Upper

200 100

173 27.8 7.7 47.7

215 48.0 27.9 67.9



#70

Pentachlorophenol

Concen: 110.123 ng

RT: 16.857 min Scan# 2341

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

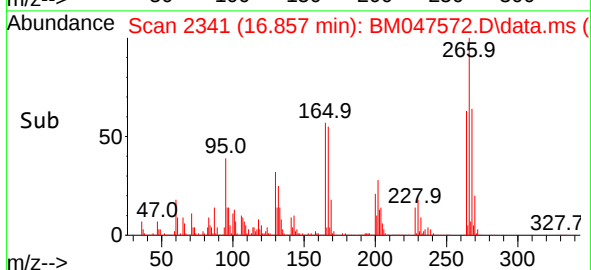
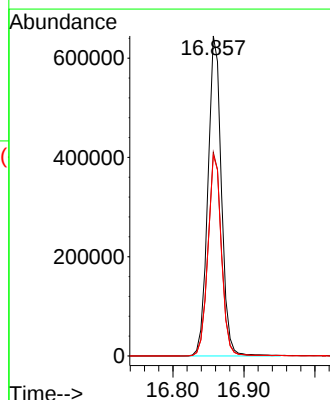
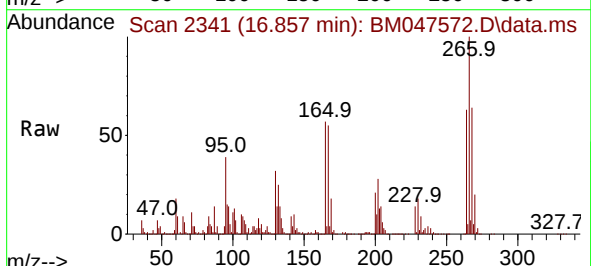
Tgt Ion:266 Resp: 851612

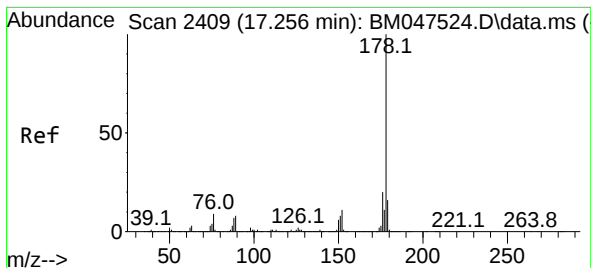
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.4

264 62.8 50.4 75.6





#71

Phenanthrene

Concen: 50.631 ng

RT: 17.251 min Scan# 2408

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

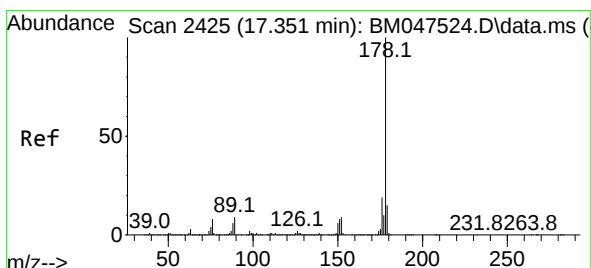
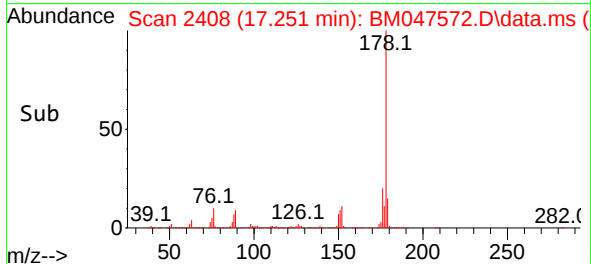
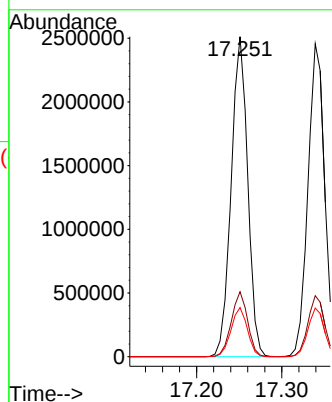
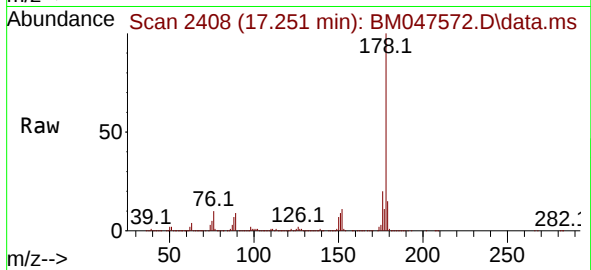
Tgt Ion:178 Resp: 3381629

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

179 15.3 12.4 18.6



#72

Anthracene

Concen: 51.921 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

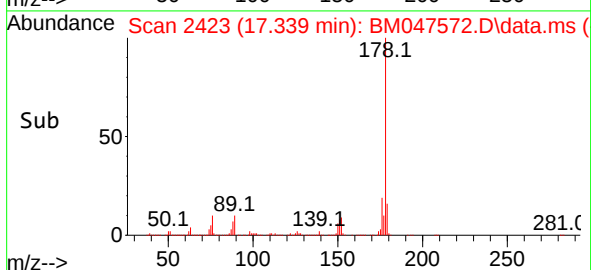
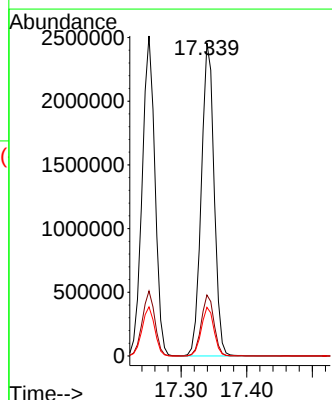
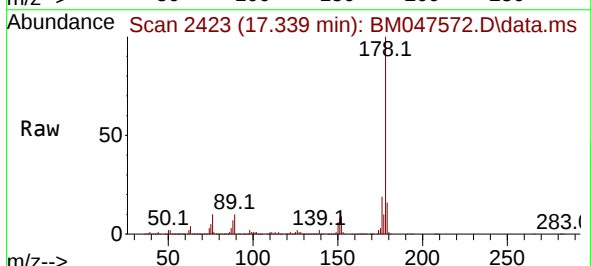
Tgt Ion:178 Resp: 3331742

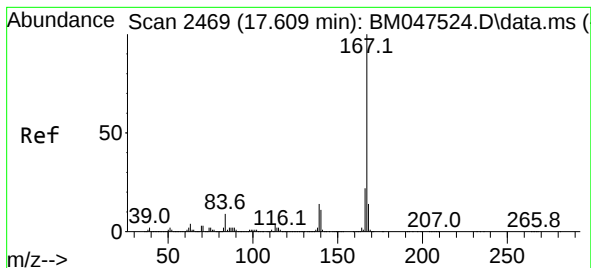
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.6 12.3 18.5





#73

Carbazole

Concen: 49.157 ng

RT: 17.604 min Scan# 2469

Delta R.T. -0.006 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

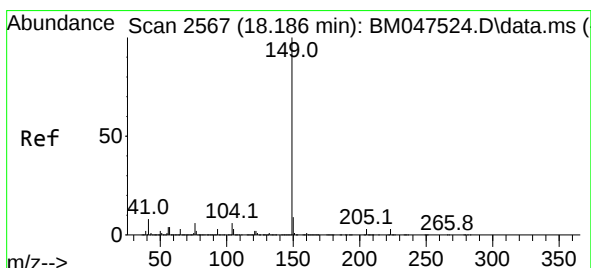
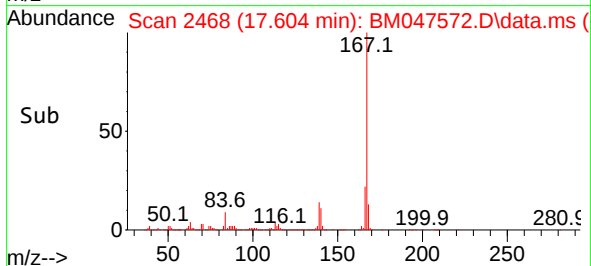
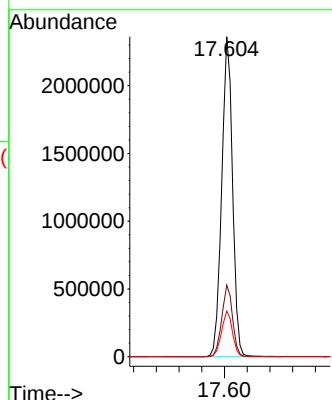
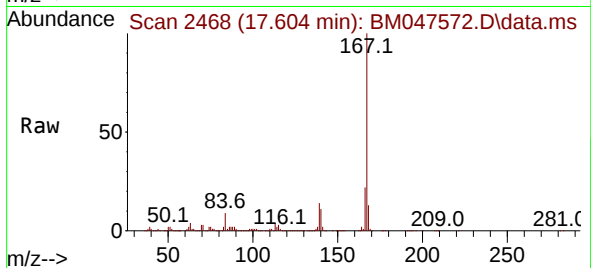
Tgt Ion:167 Resp: 3126033

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

139 14.2 11.0 16.6



#74

Di-n-butylphthalate

Concen: 53.331 ng

RT: 18.180 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

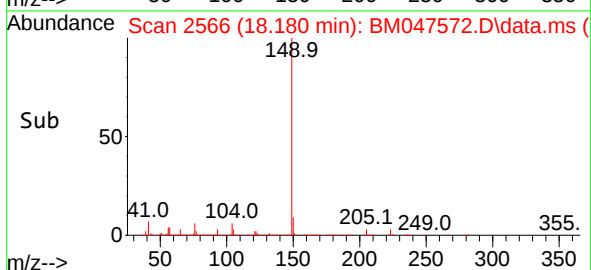
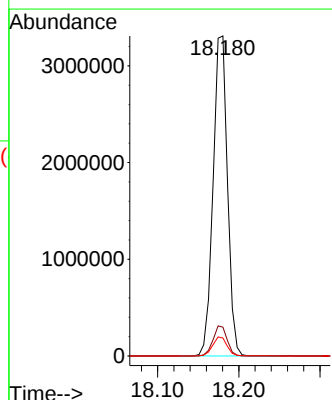
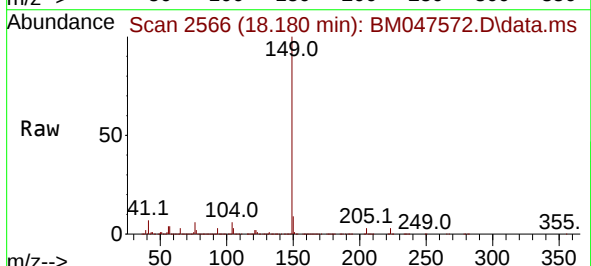
Tgt Ion:149 Resp: 4057879

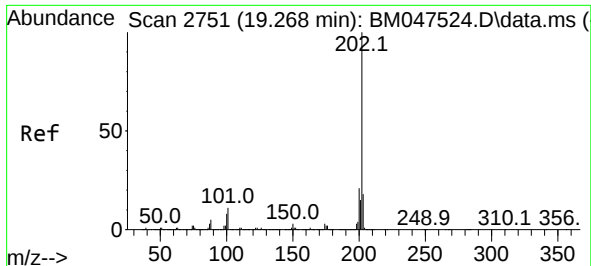
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.6 4.6 6.8

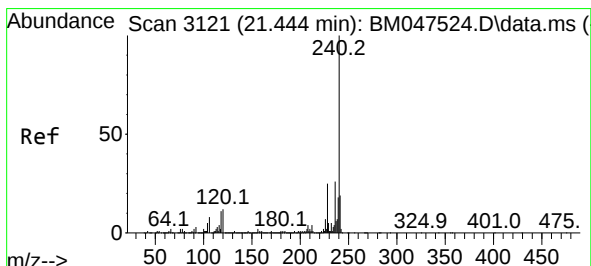
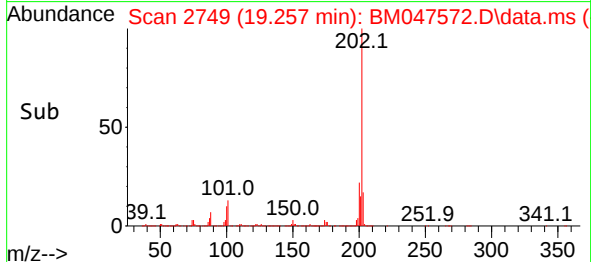
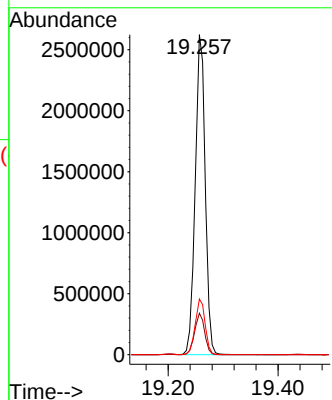
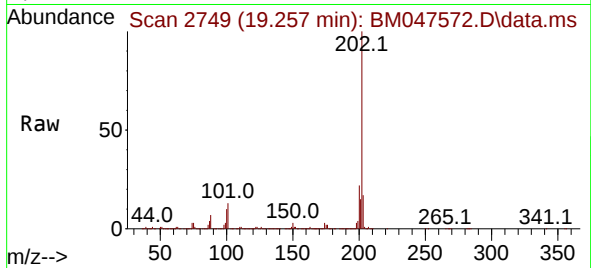




#75
Fluoranthene
Concen: 45.281 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

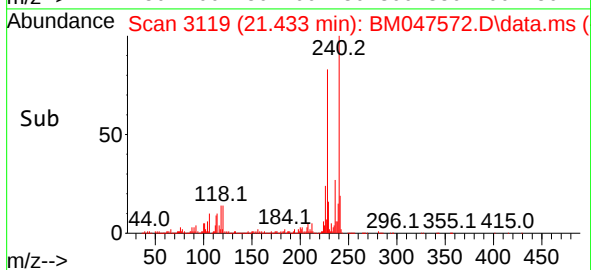
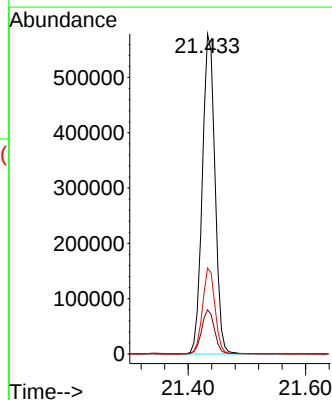
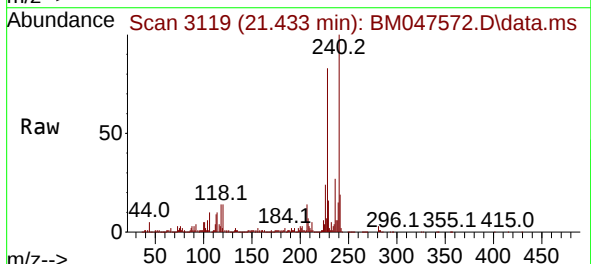
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

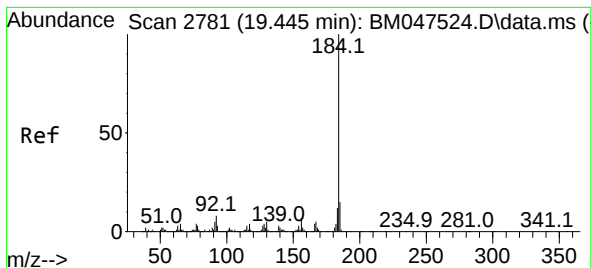
Tgt Ion:202 Resp: 3299708
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.8
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:240 Resp: 863394
Ion Ratio Lower Upper
240 100
120 13.8 9.6 14.4
236 26.9 20.9 31.3





#77

Benzidine

Concen: 44.080 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

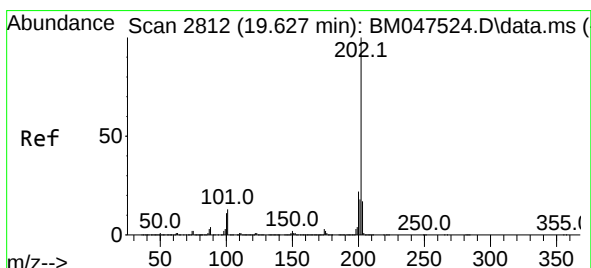
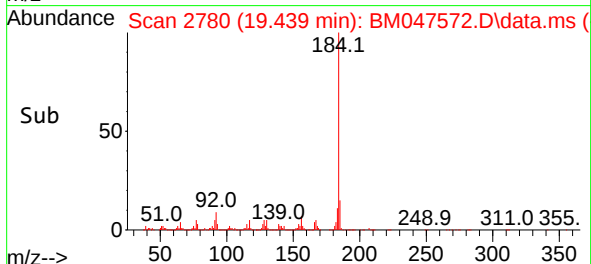
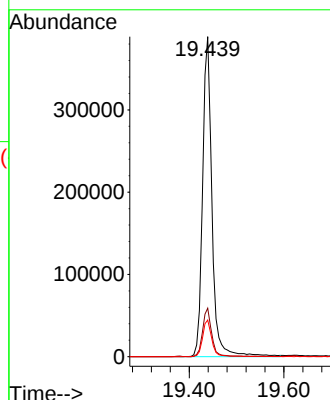
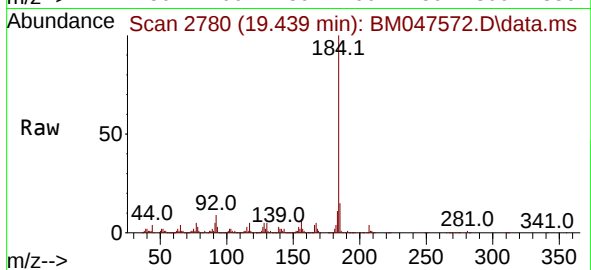
Tgt Ion:184 Resp: 536000

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

183 11.5 9.6 14.4



#78

Pyrene

Concen: 54.341 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

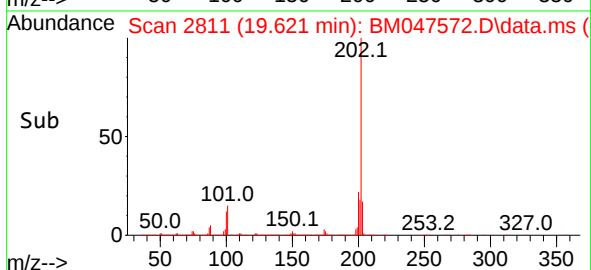
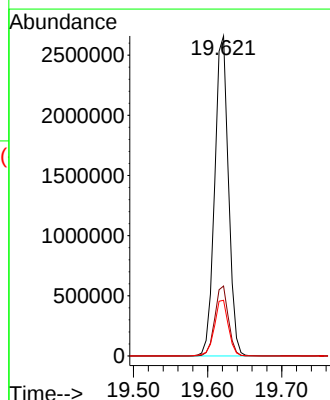
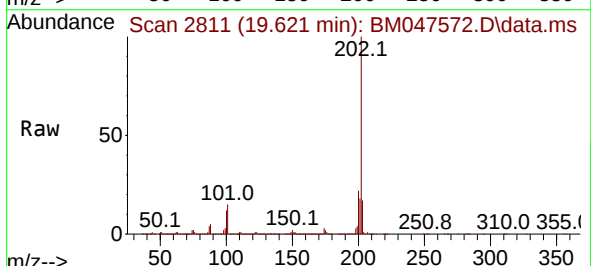
Tgt Ion:202 Resp: 3422267

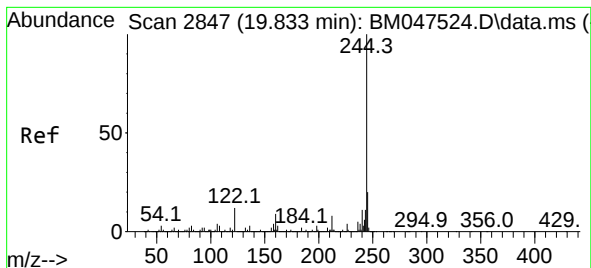
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 123.530 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

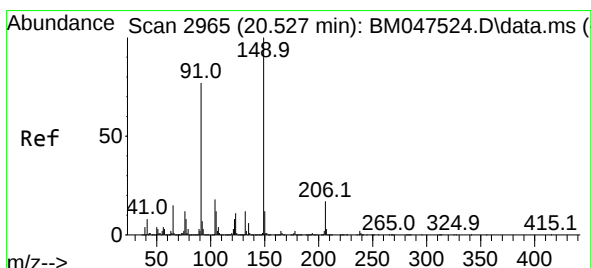
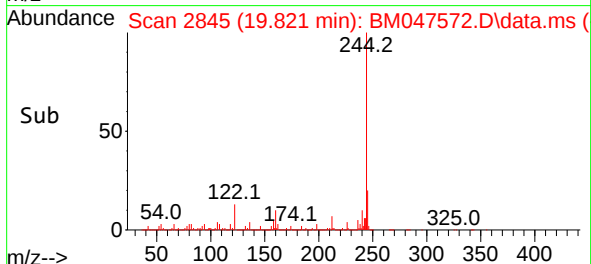
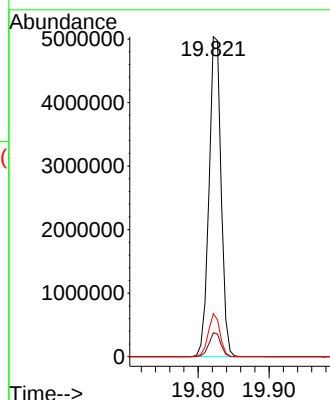
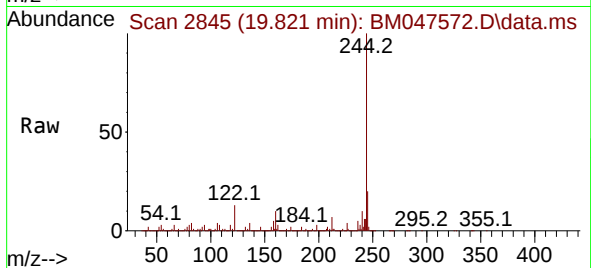
Tgt Ion:244 Resp: 5951954

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.5 9.6 14.4



#80

Butylbenzylphthalate

Concen: 62.229 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

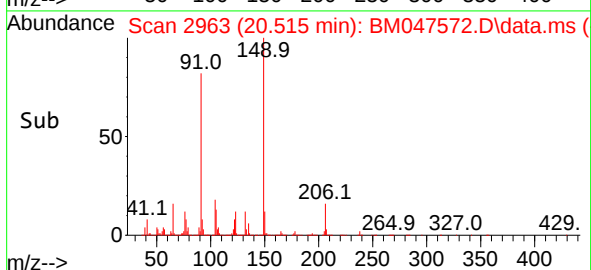
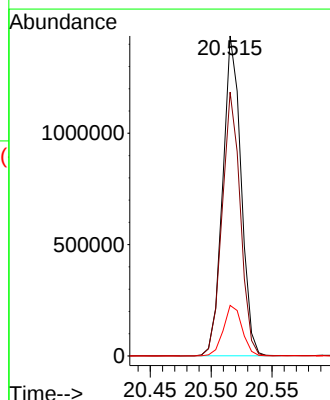
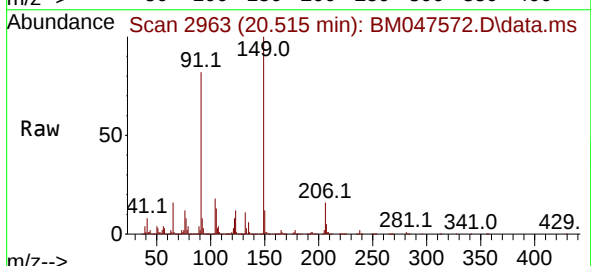
Tgt Ion:149 Resp: 1508665

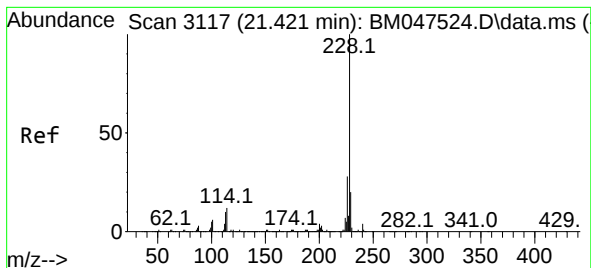
Ion Ratio Lower Upper

149 100

91 82.4 62.0 93.0

206 15.8 13.8 20.8





#81

Benzo(a)anthracene

Concen: 52.671 ng

RT: 21.415 min Scan# 3117

Delta R.T. -0.005 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

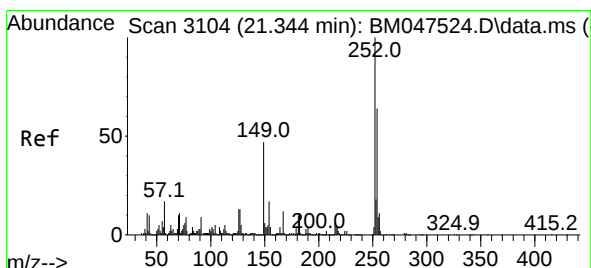
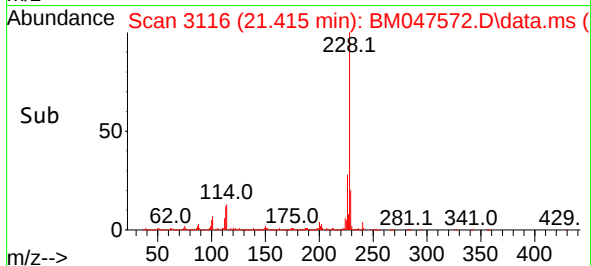
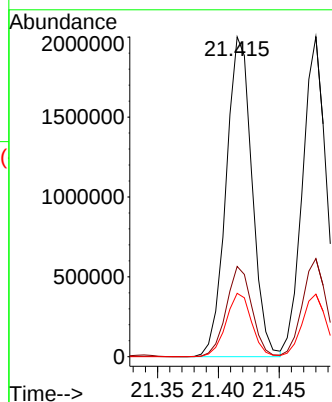
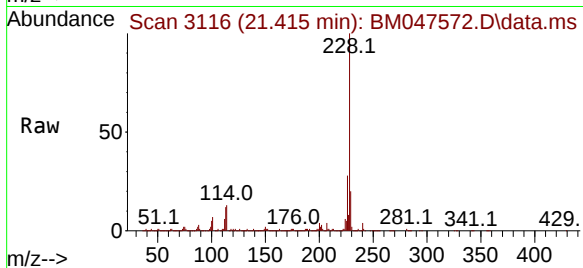
Tgt Ion:228 Resp: 2964108

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 57.867 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

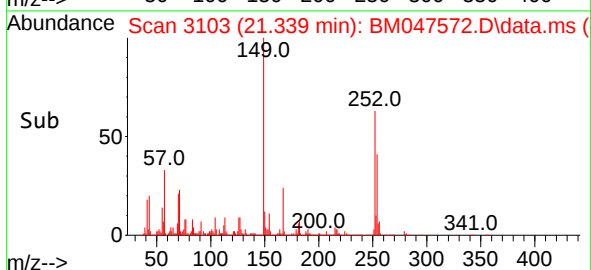
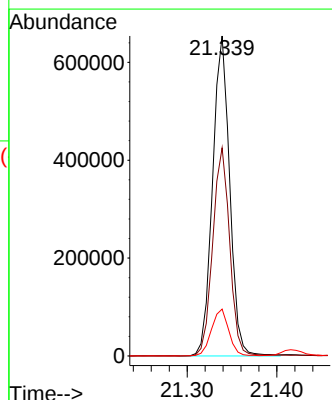
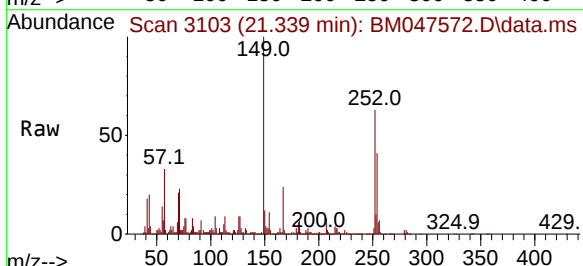
Tgt Ion:252 Resp: 866274

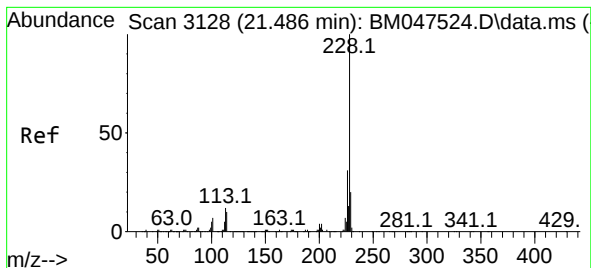
Ion Ratio Lower Upper

252 100

254 65.1 51.5 77.3

126 14.7 10.3 15.5





#83

Chrysene

Concen: 51.218 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

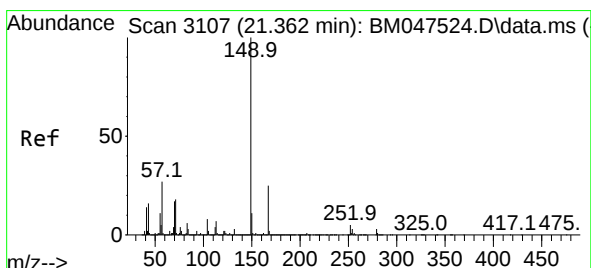
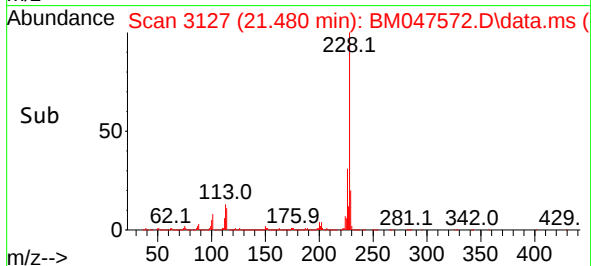
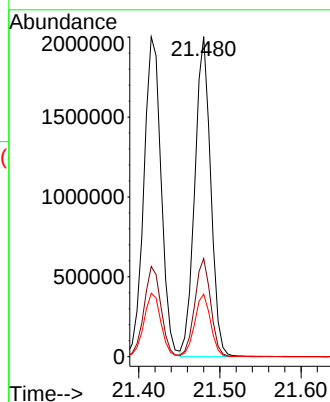
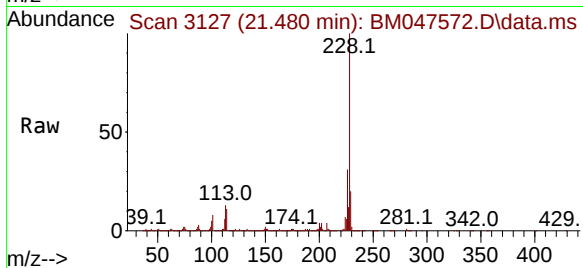
Tgt Ion:228 Resp: 2726351

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.730 ng

RT: 21.345 min Scan# 3104

Delta R.T. -0.017 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

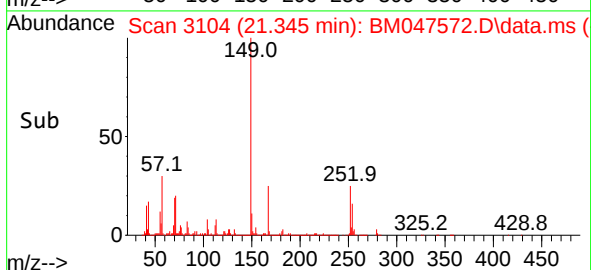
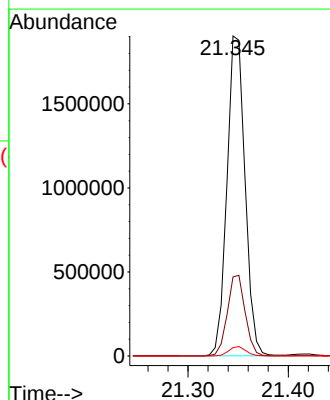
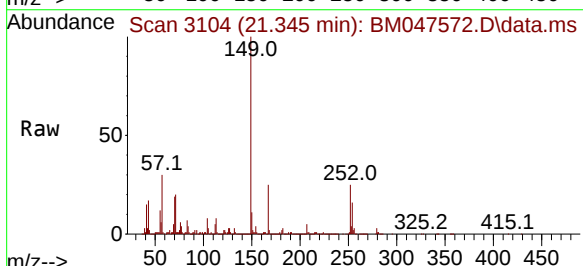
Tgt Ion:149 Resp: 2382407

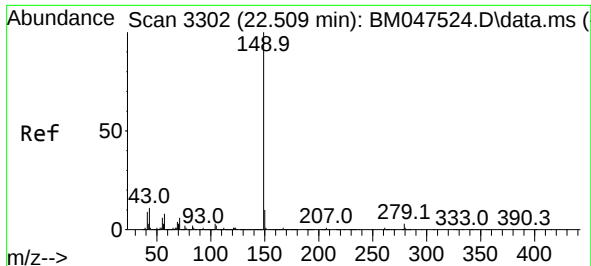
Ion Ratio Lower Upper

149 100

167 24.7 20.2 30.4

279 2.6 2.6 4.0#

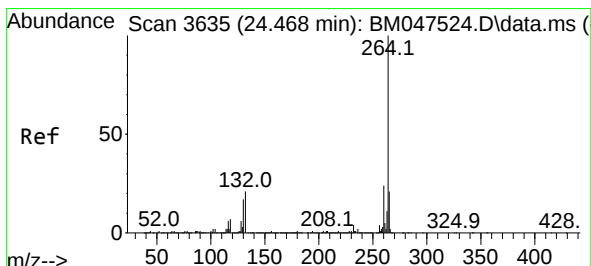
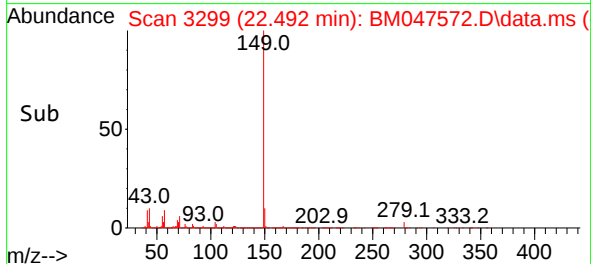
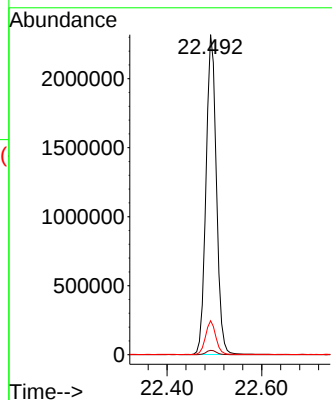
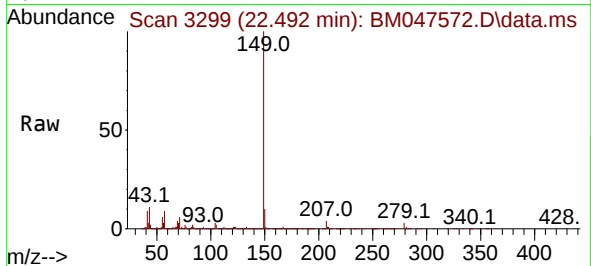




#85
Di-n-octyl phthalate
Concen: 65.396 ng
RT: 22.492 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

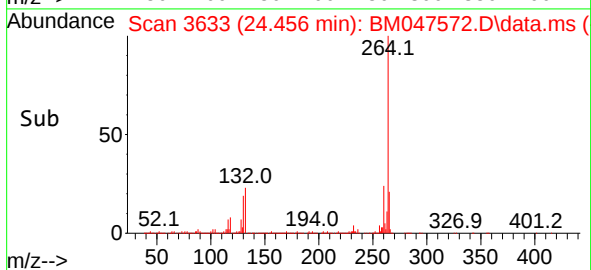
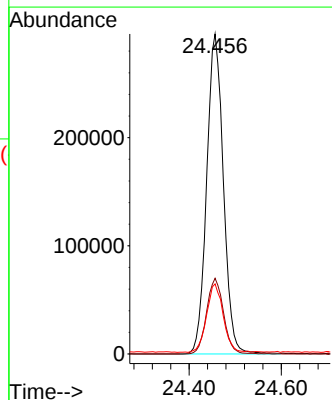
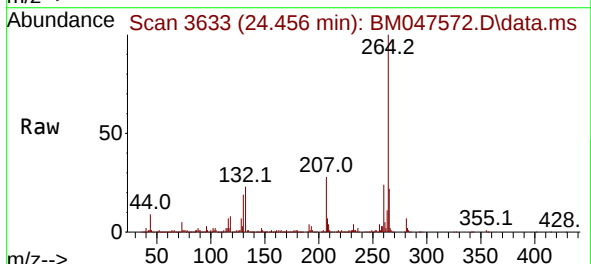
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

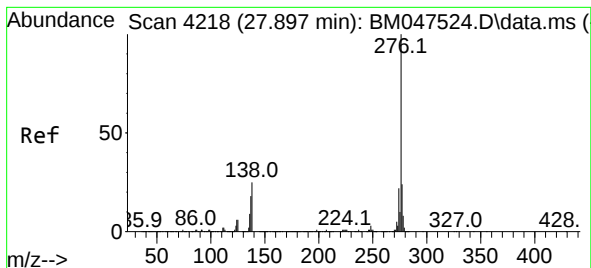
Tgt Ion:149 Resp: 3513093
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.5 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:264 Resp: 748197
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 70.338 ng

RT: 27.886 min Scan# 41

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

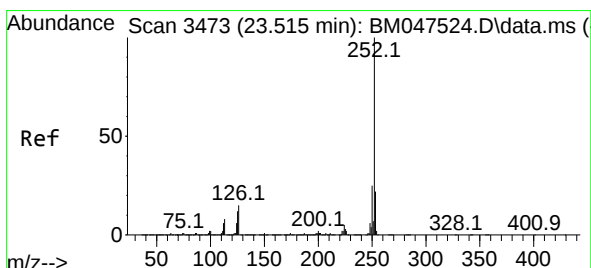
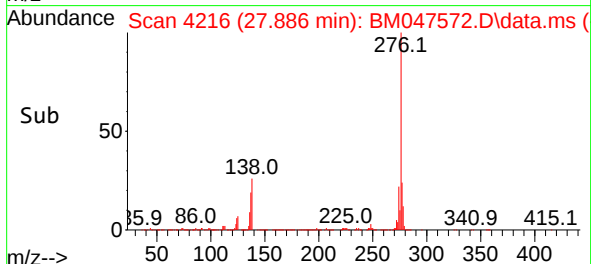
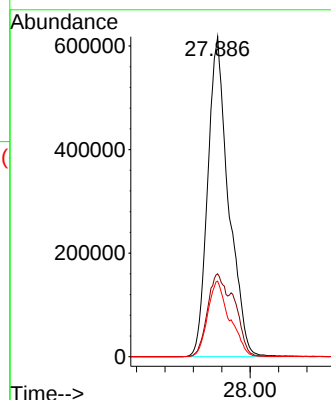
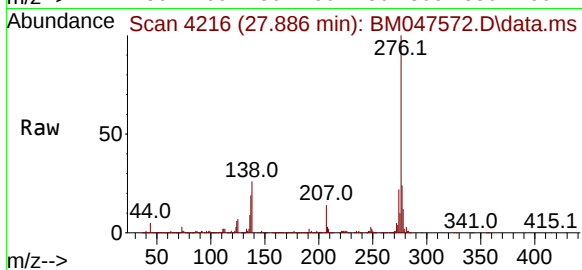
Tgt Ion:276 Resp: 3149430

Ion Ratio Lower Upper

276 100

138 22.5 25.0 37.6#

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 54.790 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.011 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

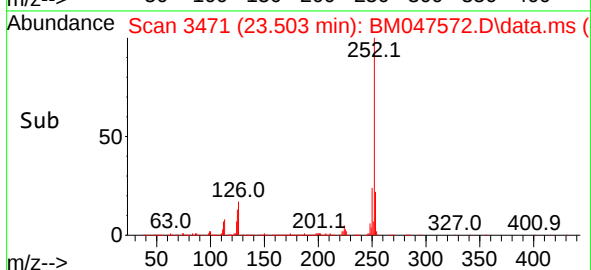
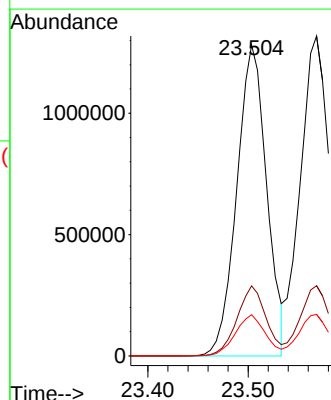
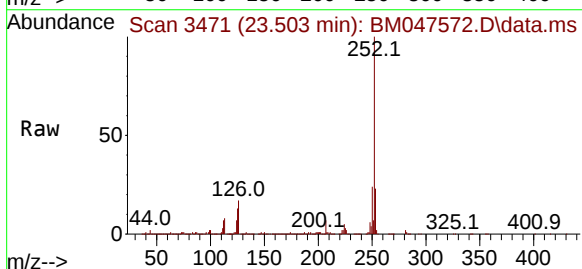
Tgt Ion:252 Resp: 2652352

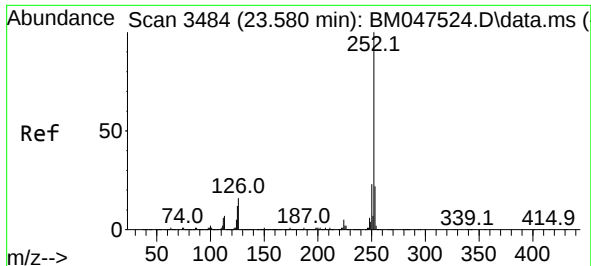
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 13.3 9.5 14.3

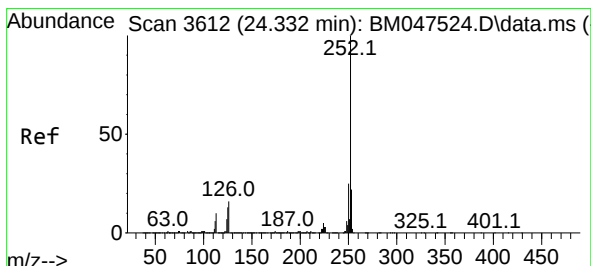
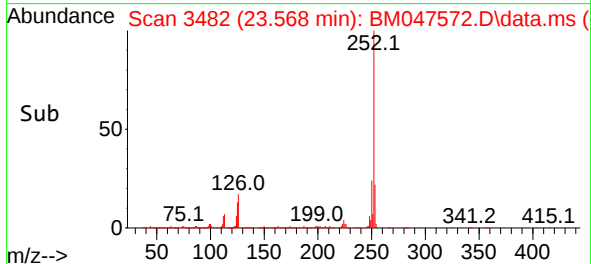
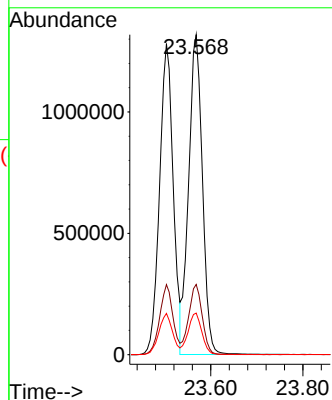
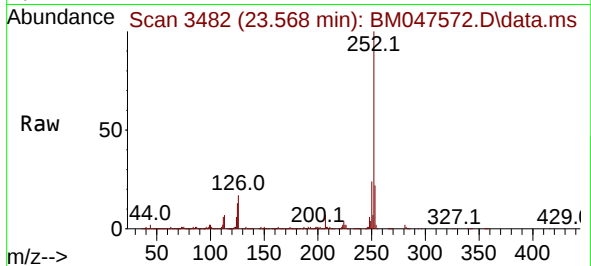




#89
Benzo(k)fluoranthene
Concen: 56.784 ng
RT: 23.568 min Scan# 34
Delta R.T. -0.011 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

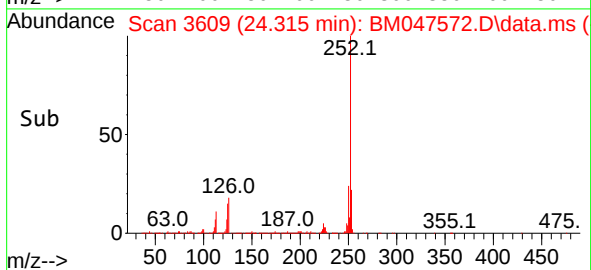
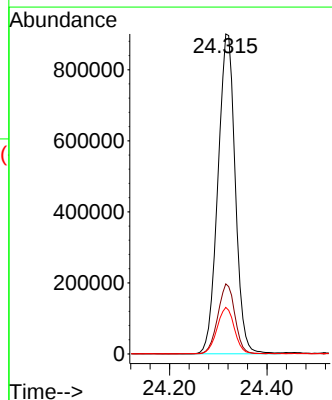
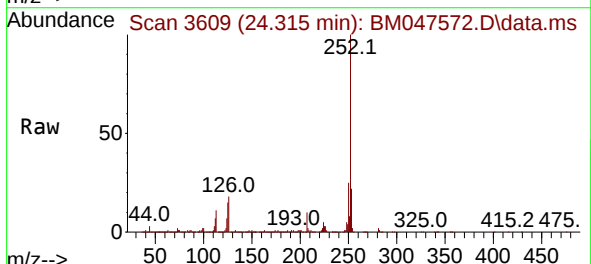
Instrument :
BNA_M
ClientSampleId :
PB163344BSD

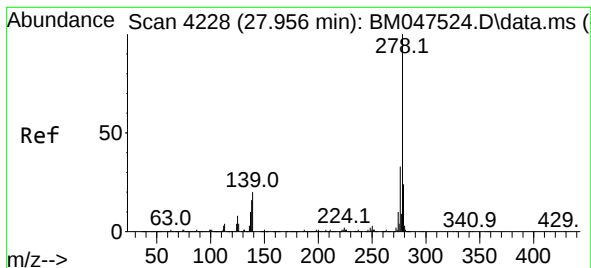
Tgt Ion:252 Resp: 2724349
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 13.0 9.5 14.3



#90
Benzo(a)pyrene
Concen: 56.112 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.017 min
Lab File: BM047572.D
Acq: 19 Sep 2024 15:53

Tgt Ion:252 Resp: 2226332
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 14.6 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 70.863 ng

RT: 27.939 min Scan# 4395

Delta R.T. -0.017 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Instrument :

BNA_M

ClientSampleId :

PB163344BSD

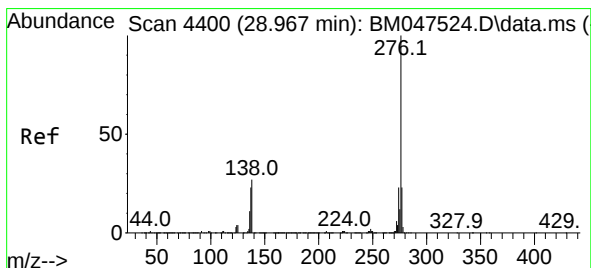
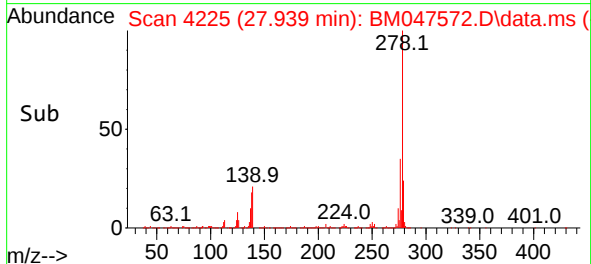
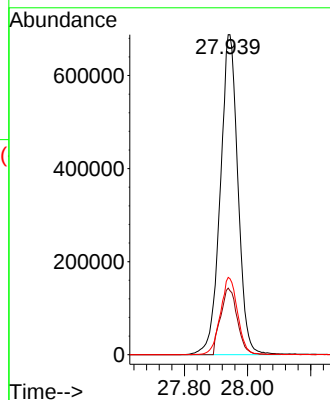
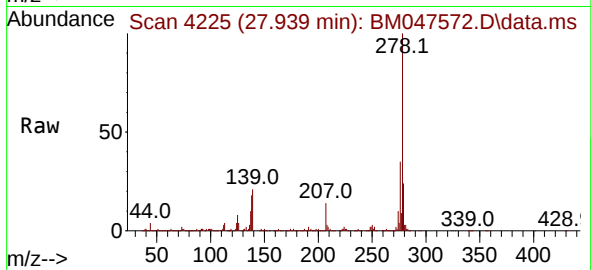
Tgt Ion:278 Resp: 2669515

Ion Ratio Lower Upper

278 100

139 20.8 15.9 23.9

279 24.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 71.750 ng

RT: 28.944 min Scan# 4396

Delta R.T. -0.023 min

Lab File: BM047572.D

Acq: 19 Sep 2024 15:53

Tgt Ion:276 Resp: 2640355

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 28.4 21.5 32.3

