

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047569.D
 Acq On : 19 Sep 2024 13:54
 Operator : RC/JU
 Sample : PB163318BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163318BSD

Quant Time: Sep 19 14:40:57 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	7.845	152	312652	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1211917	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	613404	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1048553	20.000	ng	0.00
76) Chrysene-d12	21.433	240	835988	20.000	ng	-0.01
86) Perylene-d12	24.456	264	806711	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3001380	152.849	ng	0.00
7) Phenol-d6	7.004	99	3830819	138.530	ng	0.00
23) Nitrobenzene-d5	8.992	82	2335679	96.452	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	842227	142.050	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4315694	96.918	ng	-0.01
79) Terphenyl-d14	19.821	244	5281167	113.202	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.316	88	327657	38.958	ng 99
3) Pyridine	3.710	79	903337	36.083	ng 98
4) n-Nitrosodimethylamine	3.616	42	463407	40.797	ng 94
6) Aniline	7.163	93	1114446	45.457	ng 100
8) 2-Chlorophenol	7.404	128	977204	45.143	ng 98
9) Benzaldehyde	6.975	77	231232	17.585	ng 99
10) Phenol	7.034	94	1262093	45.581	ng 97
11) bis(2-Chloroethyl)ether	7.263	93	971343	43.696	ng 98
12) 1,3-Dichlorobenzene	7.734	146	1012115	42.717	ng 99
13) 1,4-Dichlorobenzene	7.875	146	1016987	42.141	ng 99
14) 1,2-Dichlorobenzene	8.193	146	971941	40.924	ng 98
15) Benzyl Alcohol	8.075	79	850986	45.431	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1329121	42.505	ng 98
17) 2-Methylphenol	8.281	107	785893	44.429	ng 97
18) Hexachloroethane	8.928	117	420465	43.614	ng 97
19) n-Nitroso-di-n-propyla...	8.645	70	764052	40.979	ng 97
20) 3+4-Methylphenols	8.604	107	1057865	42.861	ng 99
22) Acetophenone	8.663	105	1422087	44.633	ng # 98
24) Nitrobenzene	9.040	77	1108309	44.540	ng 100
25) Isophorone	9.569	82	1913866	44.955	ng 100
26) 2-Nitrophenol	9.745	139	429354	50.635	ng 99
27) 2,4-Dimethylphenol	9.810	122	739664	57.544	ng 99
28) bis(2-Chloroethoxy)met...	10.045	93	1197364	44.775	ng 100
29) 2,4-Dichlorophenol	10.281	162	765581	46.880	ng 98
30) 1,2,4-Trichlorobenzene	10.498	180	770321	41.180	ng 98
31) Naphthalene	10.686	128	2837269	43.348	ng 100
32) Benzoic acid	9.928	122	519346	41.966	ng 98
33) 4-Chloroaniline	10.786	127	680573	28.759	ng 98
34) Hexachlorobutadiene	10.981	225	427487	41.259	ng 99
35) Caprolactam	11.563	113	139192	25.878	ng 92
36) 4-Chloro-3-methylphenol	11.910	107	837721	44.762	ng 96
37) 2-Methylnaphthalene	12.298	142	1842679	42.299	ng 99
38) 1-Methylnaphthalene	12.516	142	1711593	39.536	ng 100
40) 1,2,4,5-Tetrachloroben...	12.669	216	791753	47.701	ng # 97
41) Hexachlorocyclopentadiene	12.657	237	943035	173.794	ng 99
43) 2,4,6-Trichlorophenol	12.904	196	524521	50.441	ng 98

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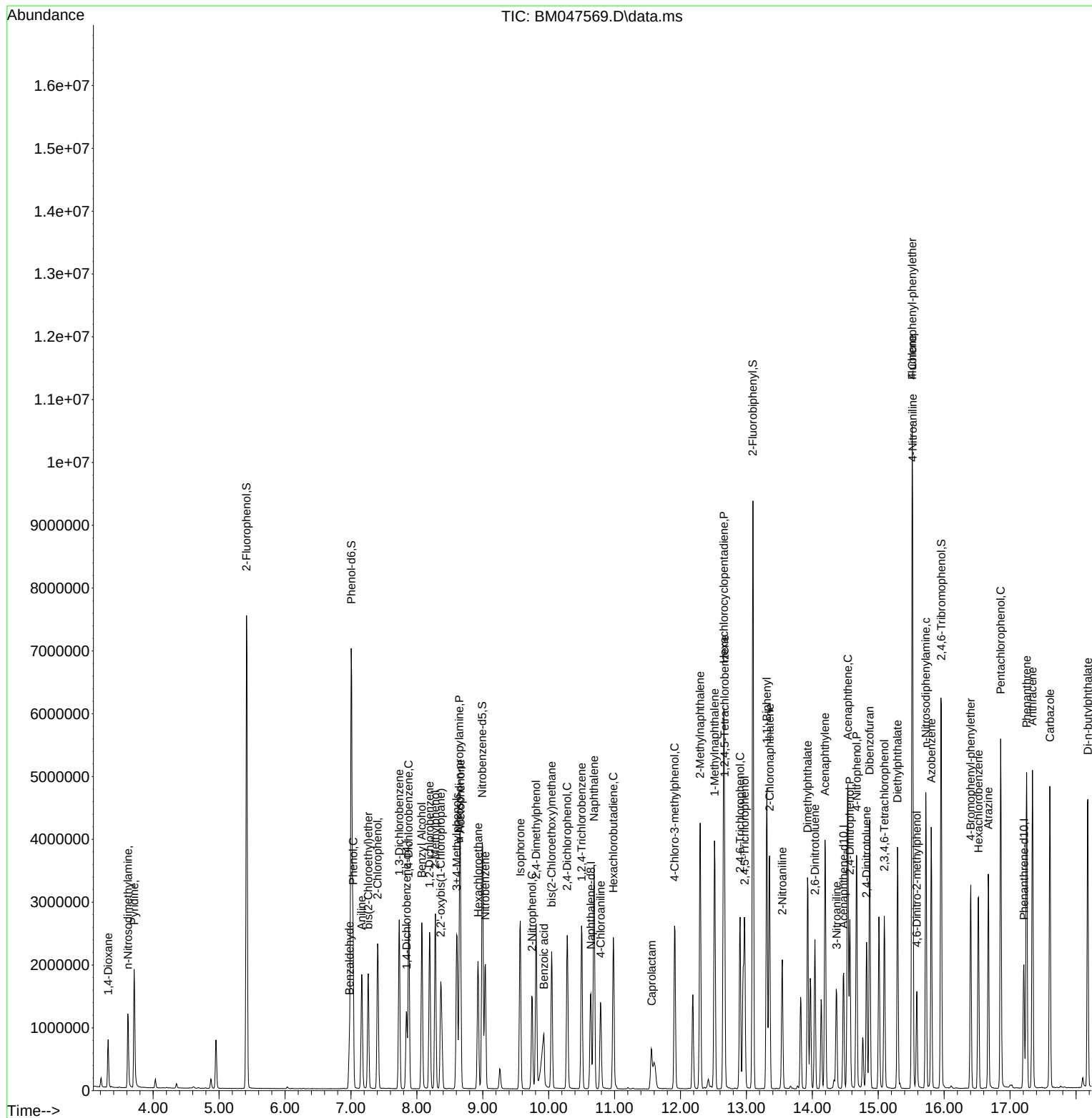
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	558681	47.566	ng	99
46) 1,1'-Biphenyl	13.310	154	2211954	46.347	ng	100
47) 2-Chloronaphthalene	13.351	162	1676373	45.236	ng	99
48) 2-Nitroaniline	13.545	65	541845	49.780	ng	99
49) Acenaphthylene	14.192	152	2666450	49.861	ng	99
50) Dimethylphthalate	13.927	163	1918542	45.889	ng	99
51) 2,6-Dinitrotoluene	14.039	165	393353	44.568	ng	93
52) Acenaphthene	14.539	154	1696092	45.265	ng	99
53) 3-Nitroaniline	14.369	138	361244	36.824	ng	96
54) 2,4-Dinitrophenol	14.569	184	413034	82.181	ng	99
55) Dibenzofuran	14.869	168	2370535	45.021	ng	98
56) 4-Nitrophenol	14.674	139	855857	106.021	ng	97
57) 2,4-Dinitrotoluene	14.822	165	541137	45.972	ng	97
58) Fluorene	15.516	166	2088643	44.059	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	424887	46.398	ng	95
60) Diethylphthalate	15.292	149	2032402	45.676	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	907298	41.858	ng	99
62) 4-Nitroaniline	15.521	138	501117	43.457	ng	97
63) Azobenzene	15.804	77	2330821	47.573	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	236745	44.877	ng	96
66) n-Nitrosodiphenylamine	15.721	169	1565272	48.797	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	456056	44.762	ng	98
68) Hexachlorobenzene	16.521	284	520321	45.080	ng	99
69) Atrazine	16.668	200	461837	52.091	ng	99
70) Pentachlorophenol	16.857	266	708658	105.917	ng	99
71) Phenanthrene	17.251	178	2723635	47.134	ng	100
72) Anthracene	17.339	178	2748272	49.502	ng	99
73) Carbazole	17.604	167	2574886	46.799	ng	99
74) Di-n-butylphthalate	18.180	149	3281482	49.847	ng	99
75) Fluoranthene	19.256	202	2772764	43.979	ng	97
77) Benzidine	19.439	184	1041881	88.491	ng	99
78) Pyrene	19.621	202	2942597	48.256	ng	99
80) Butylbenzylphthalate	20.515	149	1320356	56.247	ng	96
81) Benzo(a)anthracene	21.415	228	2675714	49.105	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	744323	51.351	ng	# 97
83) Chrysene	21.474	228	2502737	48.559	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	2039617	55.465	ng	98
85) Di-n-octyl phthalate	22.492	149	3174143	61.023	ng	98
87) Indeno(1,2,3-cd)pyrene	27.885	276	3072358	63.640	ng	98
88) Benzo(b)fluoranthene	23.503	252	2406481	46.105	ng	98
89) Benzo(k)fluoranthene	23.568	252	2482785	47.996	ng	99
90) Benzo(a)pyrene	24.315	252	2282601	53.357	ng	98
91) Dibenzo(a,h)anthracene	27.938	278	2557213	62.958	ng	99
92) Benzo(g,h,i)perylene	28.950	276	2340478	58.988	ng	99

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

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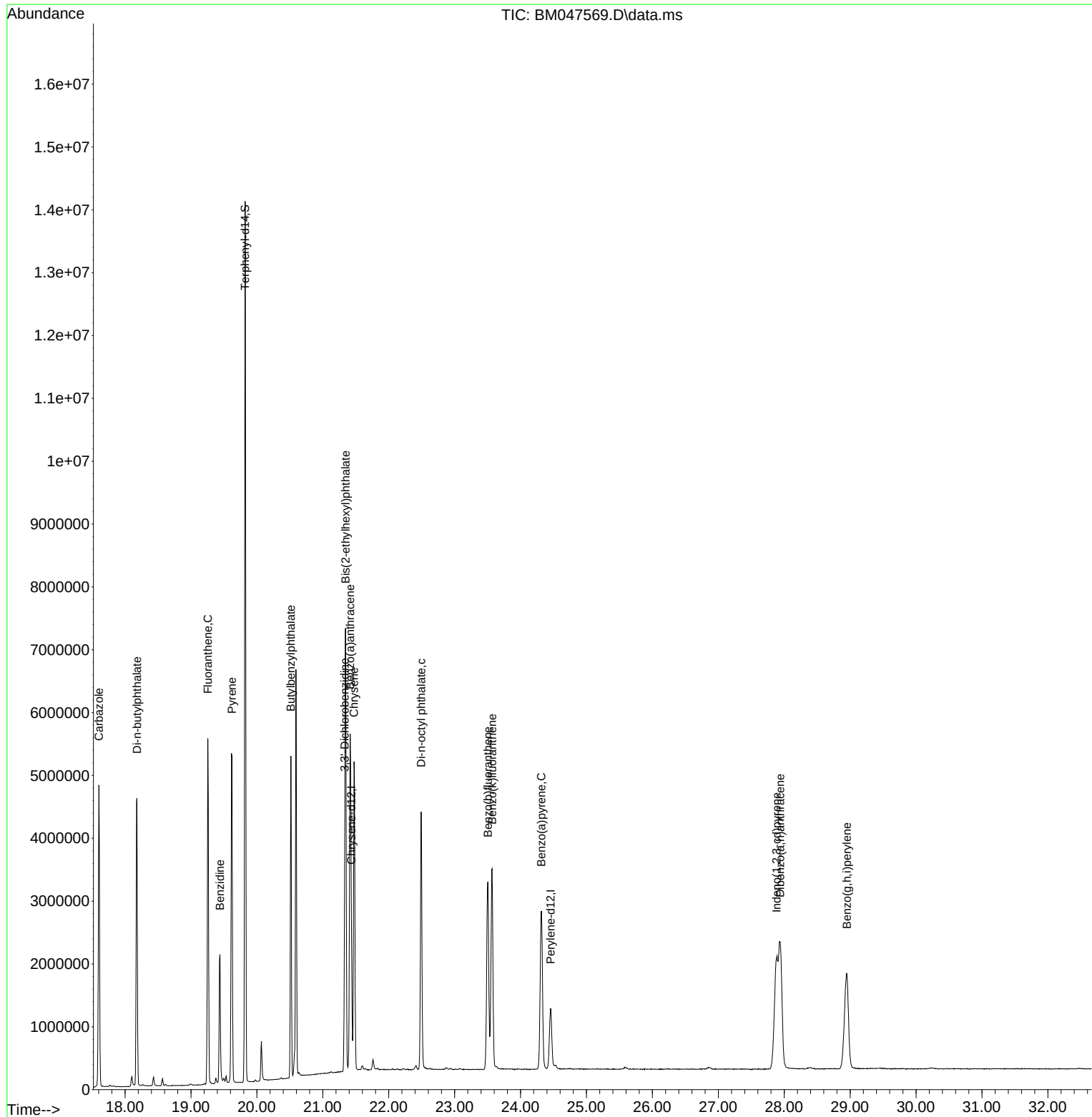
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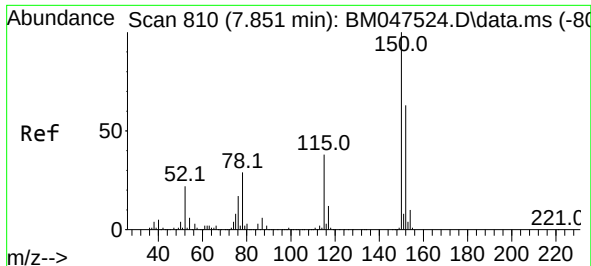


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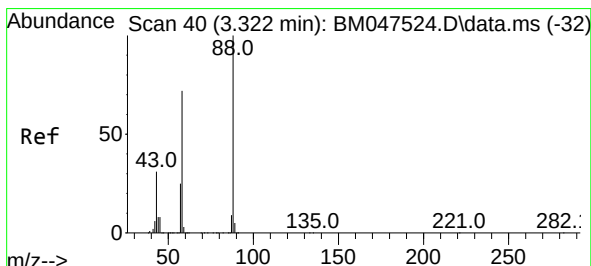
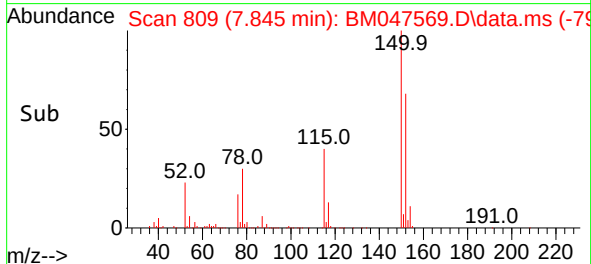
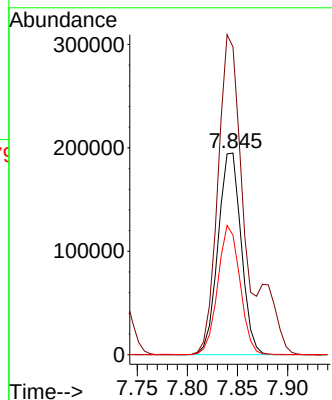
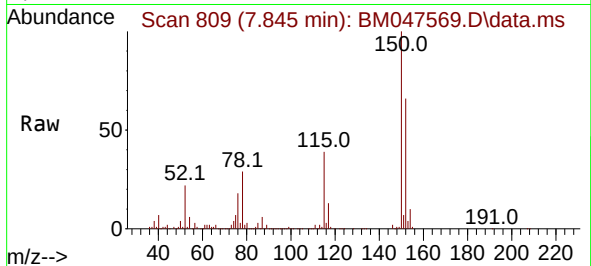




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047569.D
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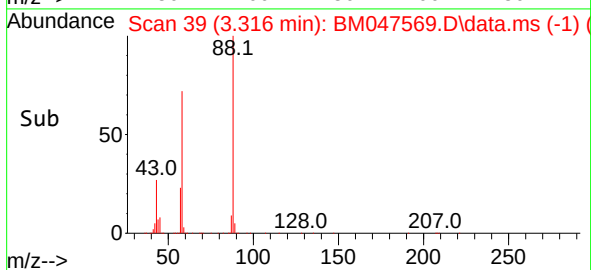
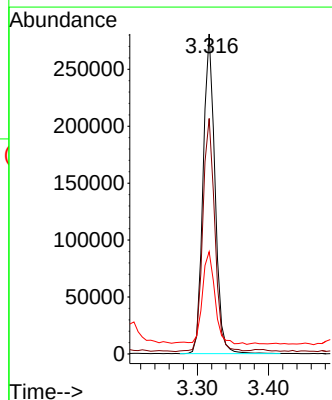
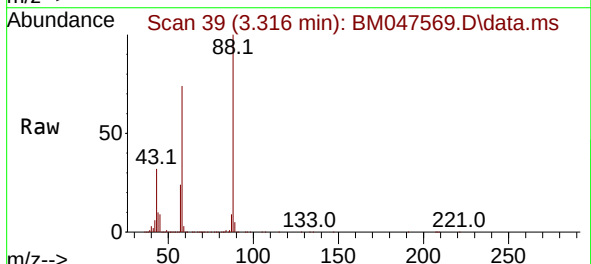
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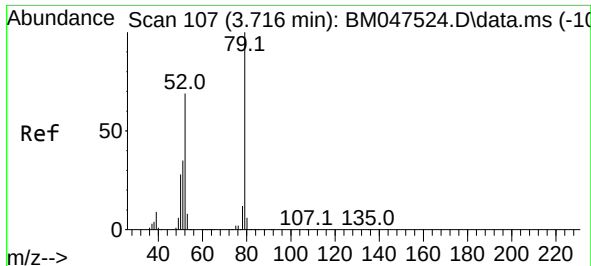
Tgt Ion:152 Resp: 312652
Ion Ratio Lower Upper
152 100
150 152.6 126.8 190.2
115 59.2 47.8 71.8



#2
1,4-Dioxane
Concen: 38.958 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 88 Resp: 327657
Ion Ratio Lower Upper
88 100
58 74.0 59.0 88.6
43 29.6 25.0 37.4

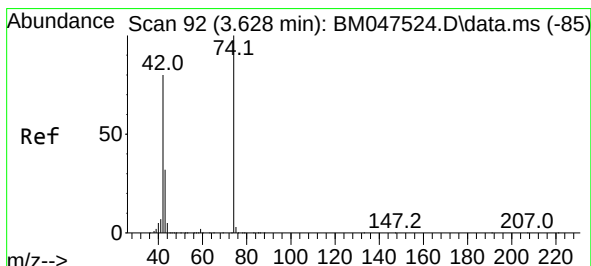
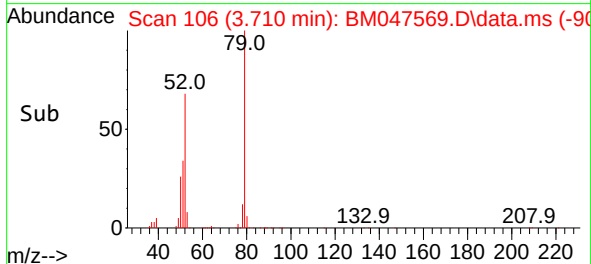
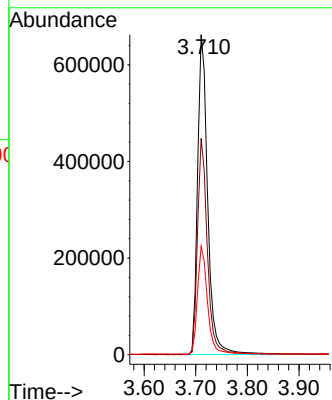
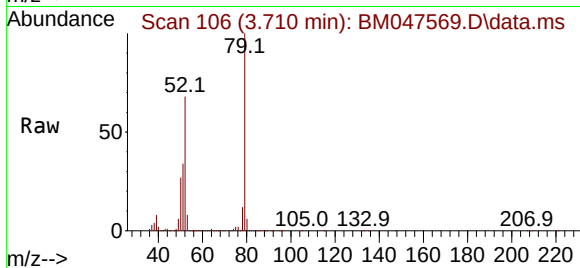




#3
Pyridine
Concen: 36.083 ng
RT: 3.710 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

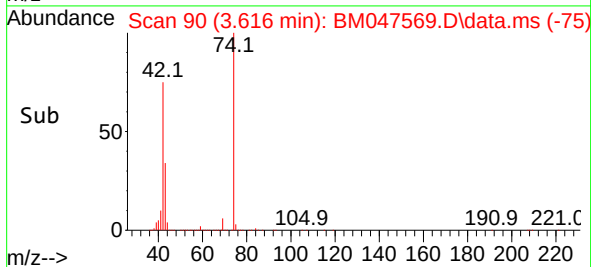
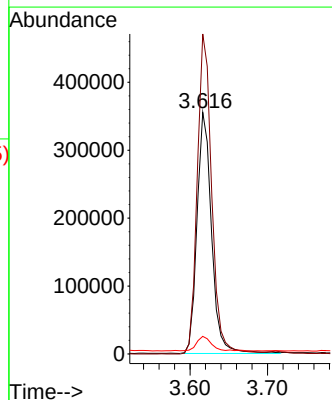
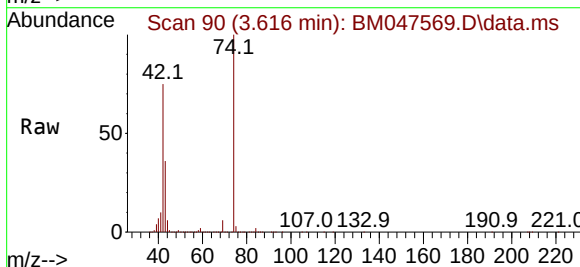
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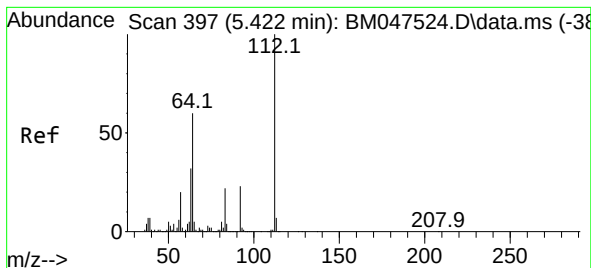
Tgt Ion: 79 Resp: 903337
Ion Ratio Lower Upper
79 100
52 67.6 55.4 83.0
51 33.9 27.9 41.9



#4
n-Nitrosodimethylamine
Concen: 40.797 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 42 Resp: 463407
Ion Ratio Lower Upper
42 100
74 132.5 100.5 150.7
44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 152.849 ng

RT: 5.416 min Scan# 397

Delta R.T. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

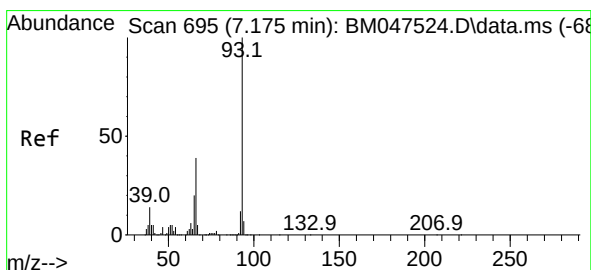
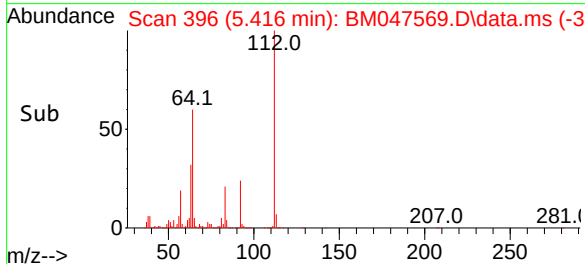
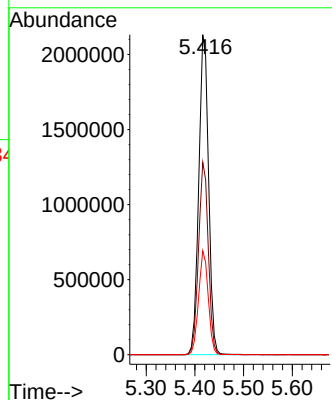
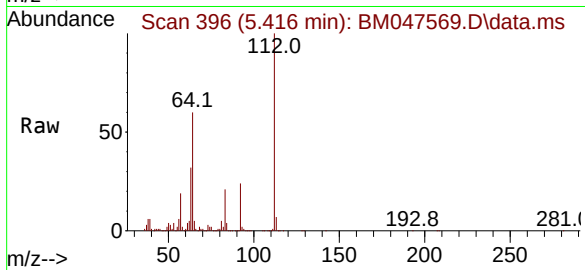
Tgt Ion:112 Resp: 3001380

Ion Ratio Lower Upper

112 100

64 60.1 48.2 72.4

63 32.5 26.0 39.0



#6

Aniline

Concen: 45.457 ng

RT: 7.163 min Scan# 693

Delta R.T. -0.012 min

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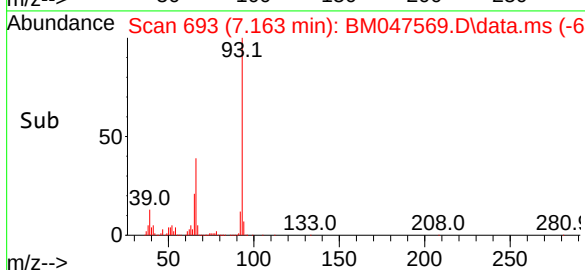
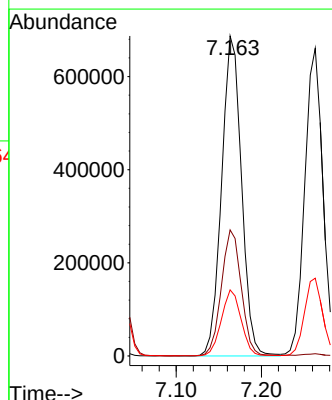
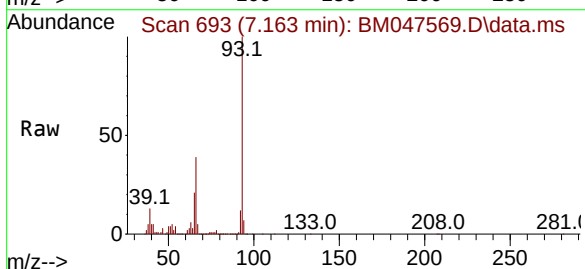
Tgt Ion: 93 Resp: 1114446

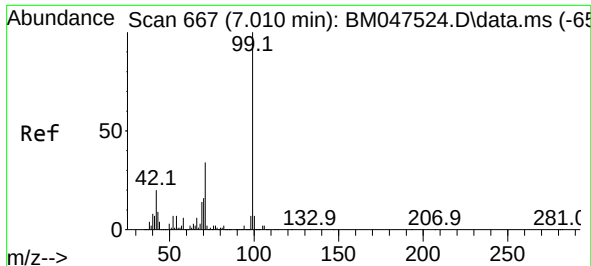
Ion Ratio Lower Upper

93 100

66 39.4 31.4 47.0

65 20.6 16.3 24.5

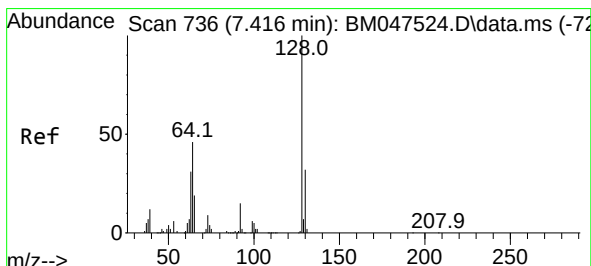
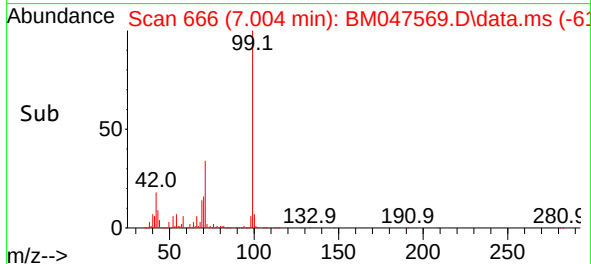
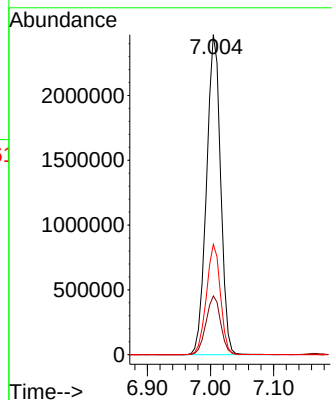
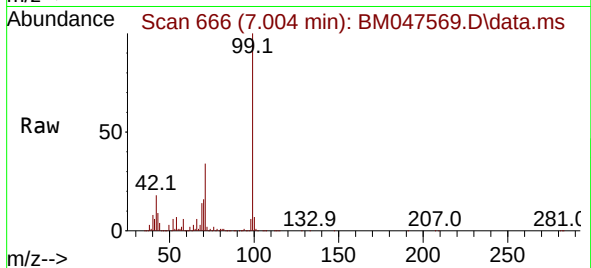




#7
Phenol-d6
Concen: 138.530 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

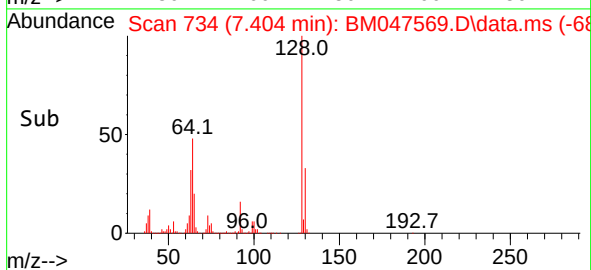
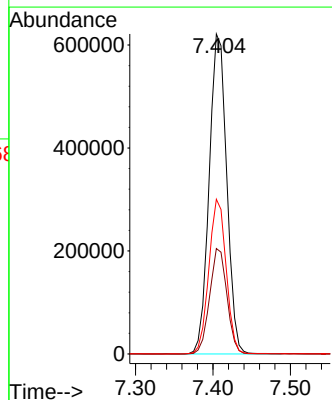
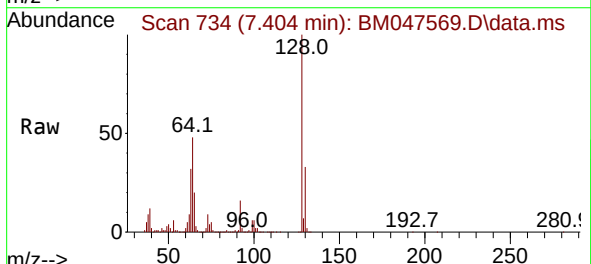
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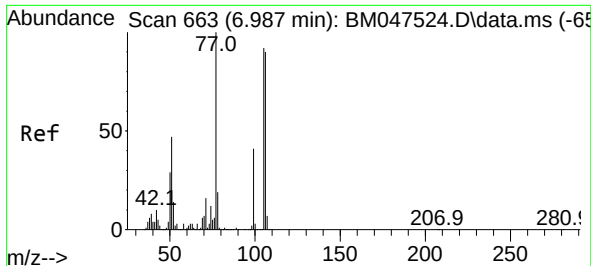
Tgt Ion: 99 Resp: 3830819
Ion Ratio Lower Upper
99 100
42 18.3 15.8 23.8
71 34.5 27.6 41.4



#8
2-Chlorophenol
Concen: 45.143 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BM047569.D
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Tgt Ion: 128 Resp: 977204
Ion Ratio Lower Upper
128 100
130 33.0 11.8 51.8
64 48.4 27.6 67.6

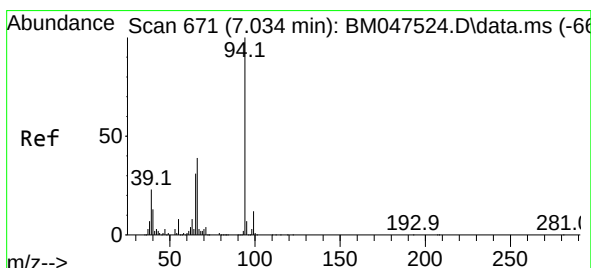
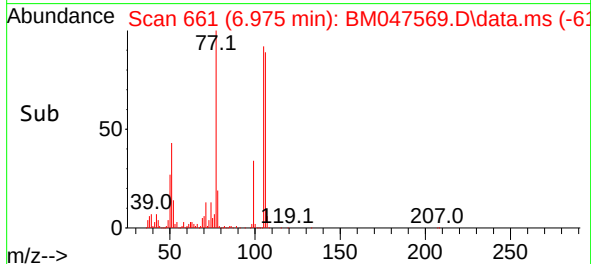
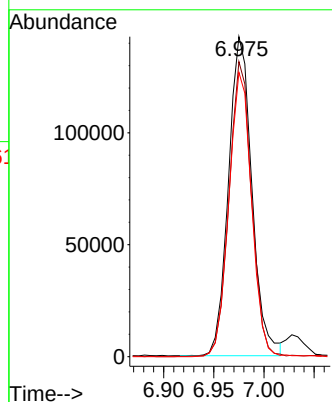
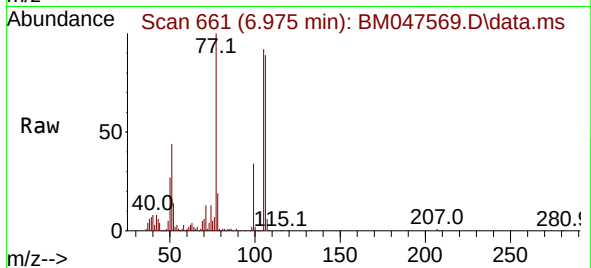




#9
Benzaldehyde
Concen: 17.585 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.012 min
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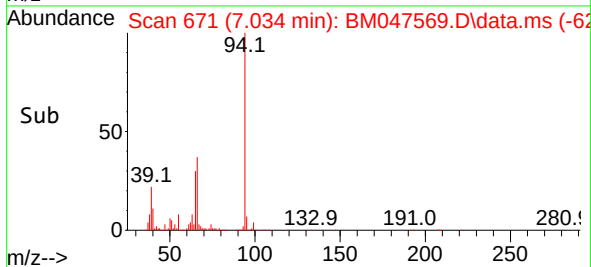
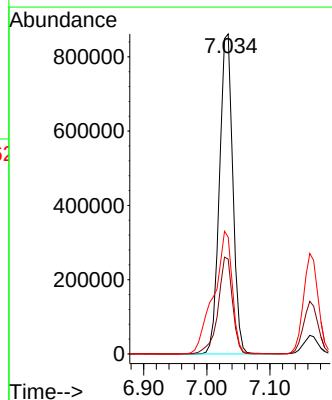
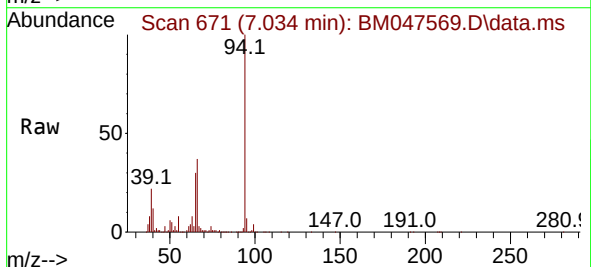
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ClientSampleId :
PB163318BSD

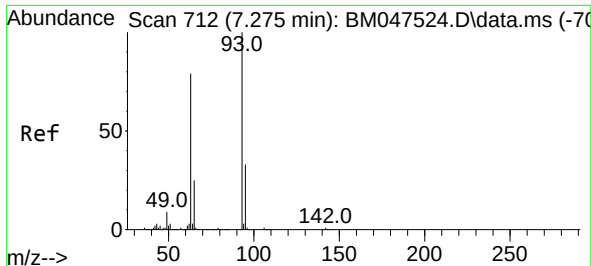
Tgt Ion: 77 Resp: 231232
Ion Ratio Lower Upper
77 100
105 92.2 71.8 111.8
106 88.9 69.7 109.7



#10
Phenol
Concen: 45.581 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 94 Resp: 1262093
Ion Ratio Lower Upper
94 100
65 29.7 10.8 50.8
66 36.5 19.2 59.2

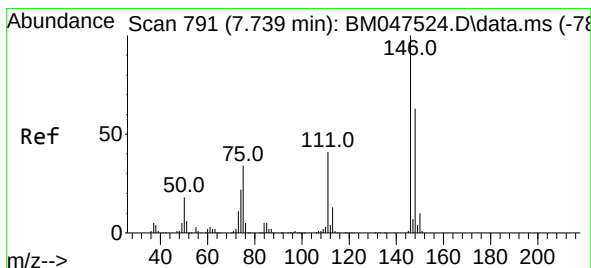
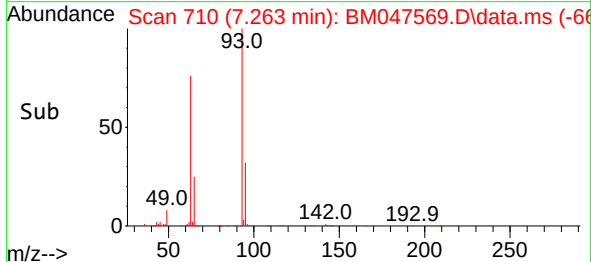
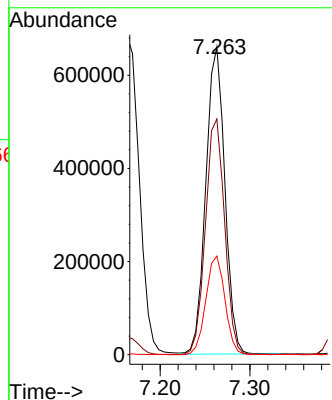
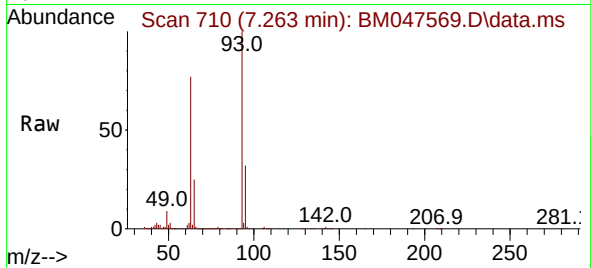




#11
bis(2-Chloroethyl)ether
Concen: 43.696 ng
RT: 7.263 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

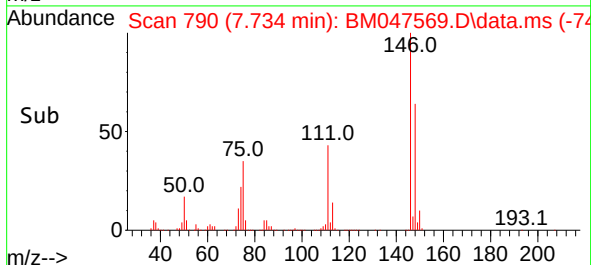
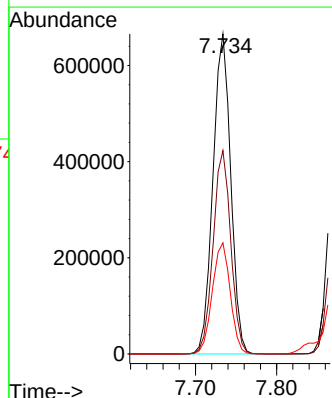
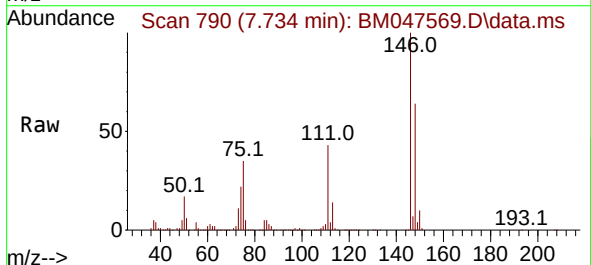
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

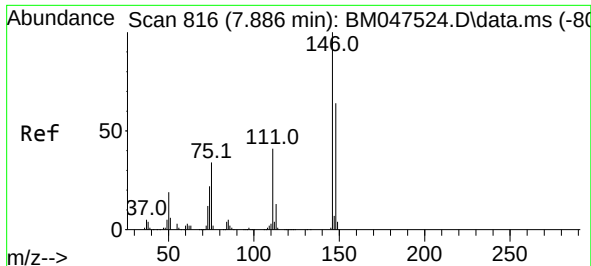
Tgt Ion: 93 Resp: 971343
Ion Ratio Lower Upper
93 100
63 76.6 58.2 98.2
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.717 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 146 Resp: 1012115
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.4
75 34.8 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 42.141 ng

RT: 7.875 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

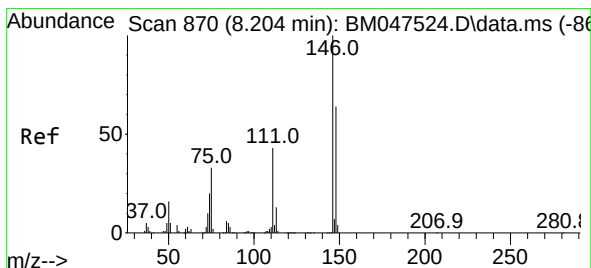
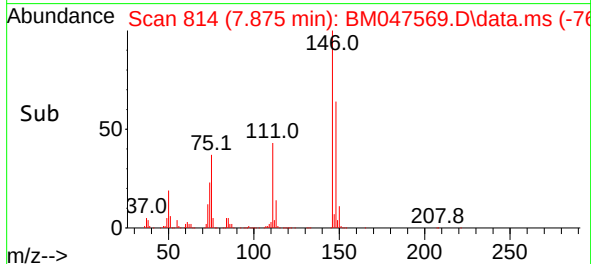
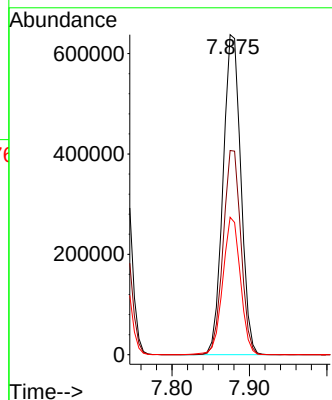
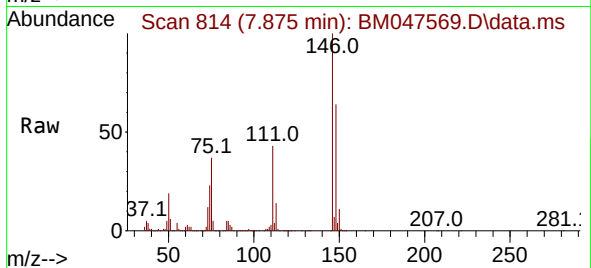
Tgt Ion:146 Resp: 1016987

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 42.9 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 40.924 ng

RT: 8.193 min Scan# 868

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

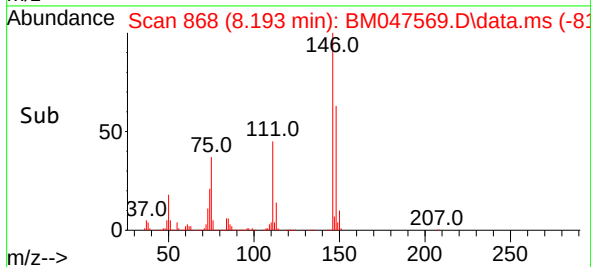
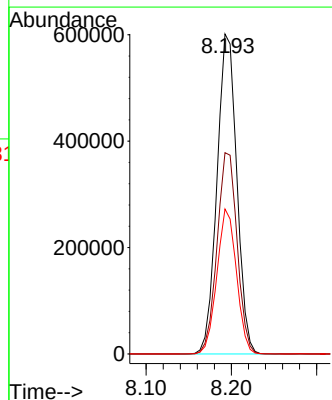
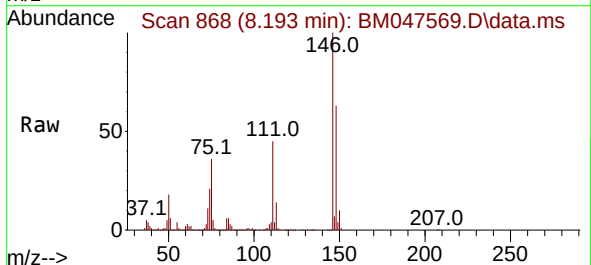
Tgt Ion:146 Resp: 971941

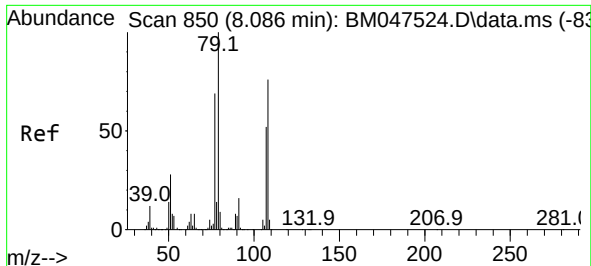
Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

111 45.3 34.7 52.1

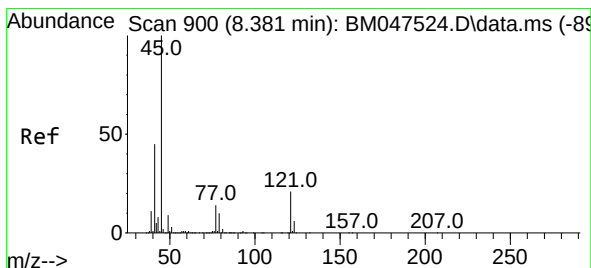
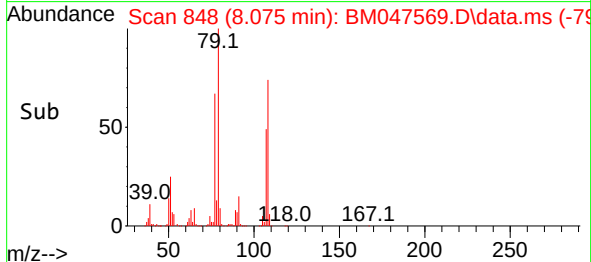
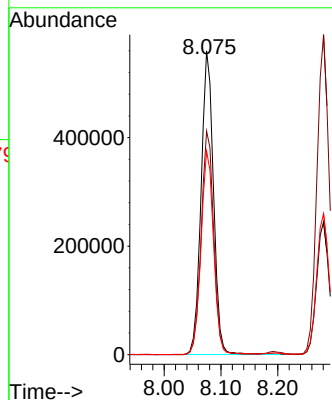
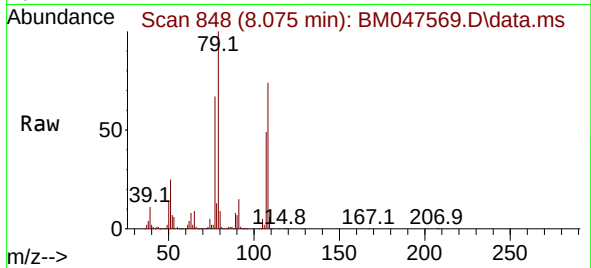




#15
Benzyl Alcohol
Concen: 45.431 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

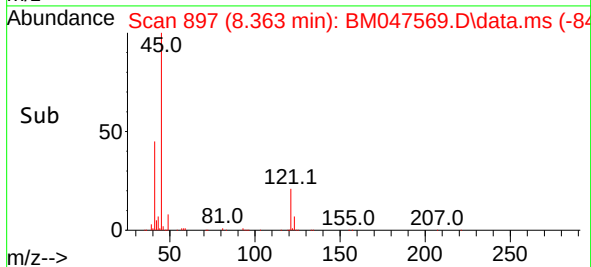
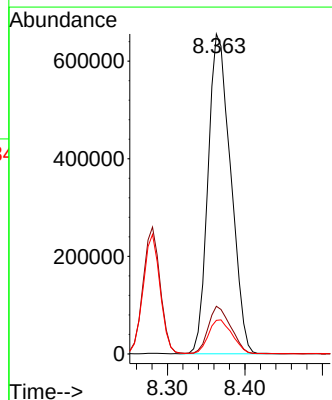
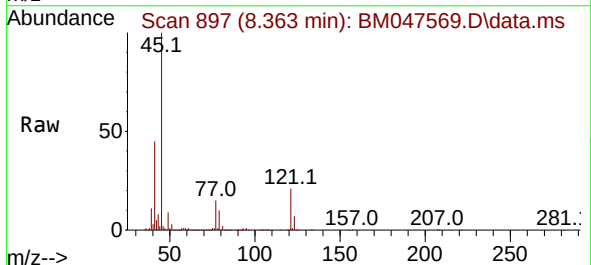
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

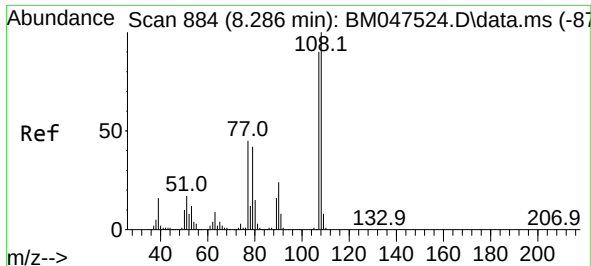
Tgt Ion: 79 Resp: 850986
Ion Ratio Lower Upper
79 100
108 73.5 60.6 91.0
77 67.0 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.505 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.017 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 45 Resp: 1329121
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.7
79 10.5 0.0 30.3





#17

2-Methylphenol

Concen: 44.429 ng

RT: 8.281 min Scan# 884

Delta R.T. -0.006 min

Lab File: BM047569.D

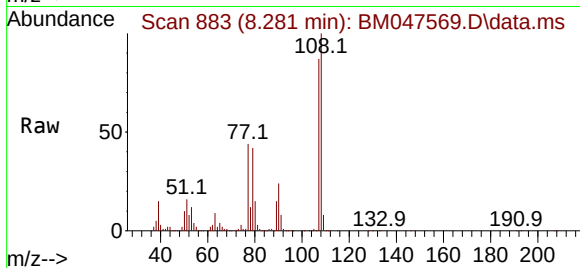
Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD



Tgt Ion:107 Resp: 785893

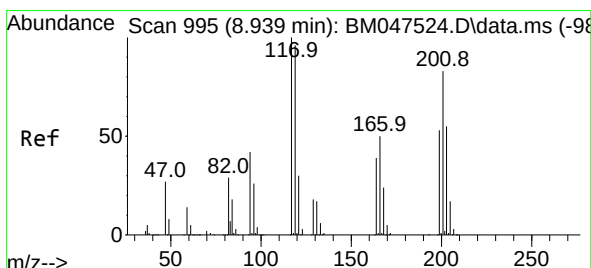
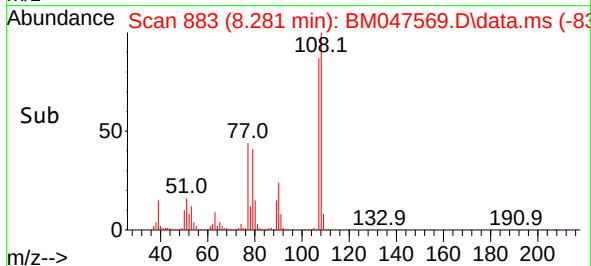
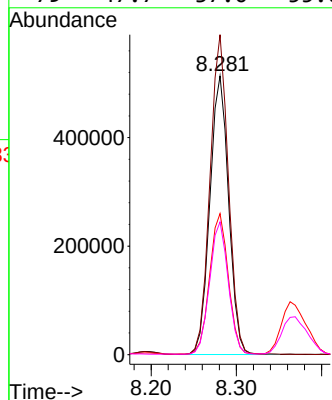
Ion Ratio Lower Upper

107 100

108 114.8 88.9 133.3

77 50.6 39.8 59.8

79 47.7 37.0 55.6



#18

Hexachloroethane

Concen: 43.614 ng

RT: 8.928 min Scan# 993

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

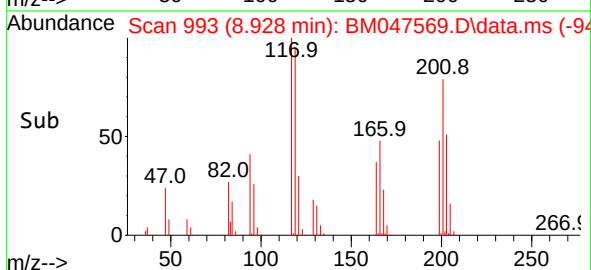
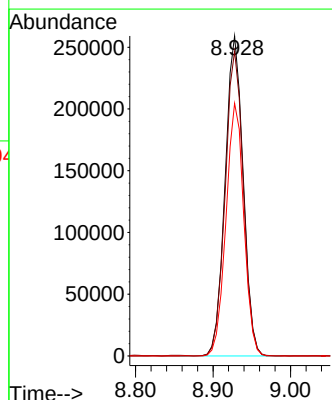
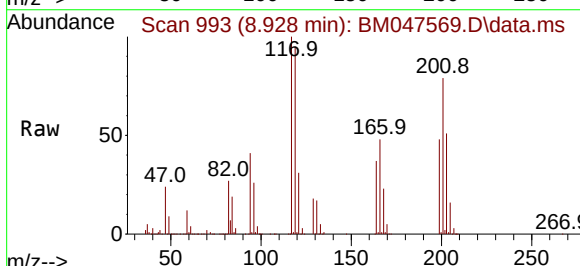
Tgt Ion:117 Resp: 420465

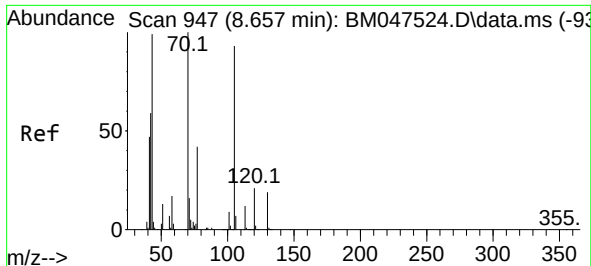
Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.4

201 78.9 66.8 100.2



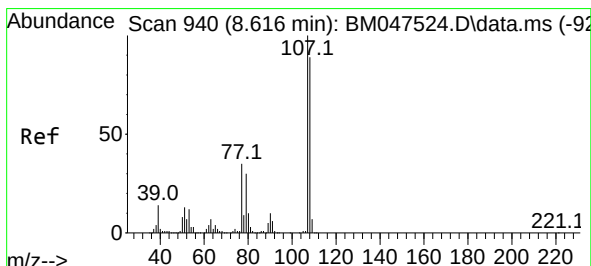
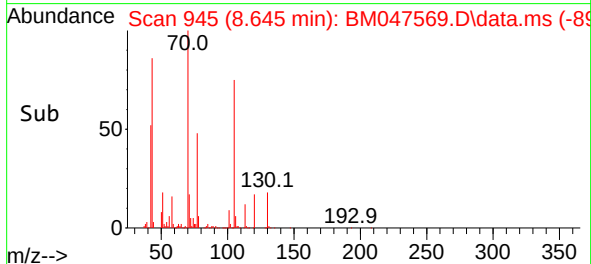
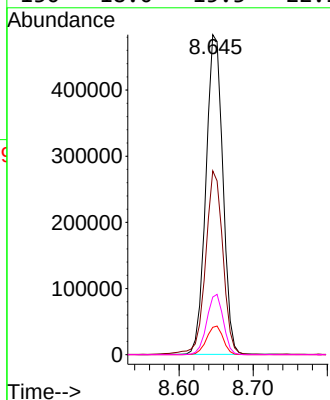
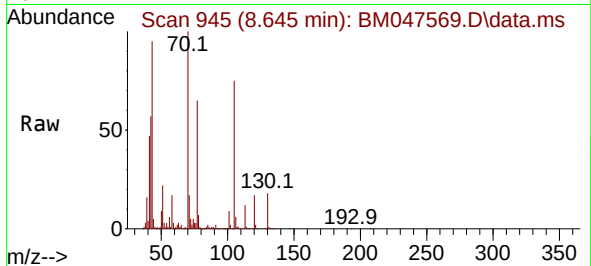


#19
n-Nitroso-di-n-propylamine
Concen: 40.979 ng
RT: 8.645 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Tgt Ion: 70 Resp: 764052

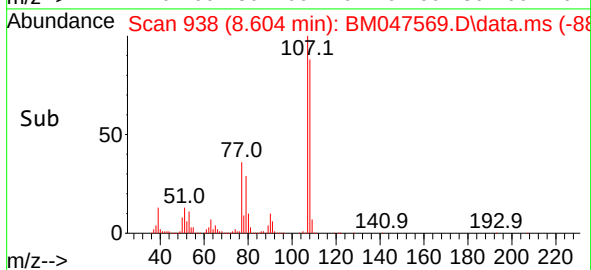
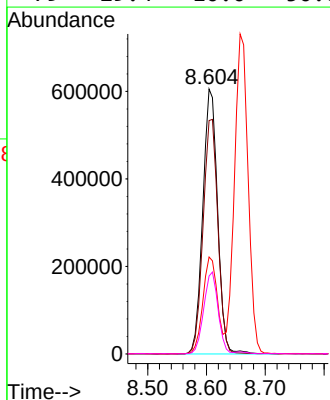
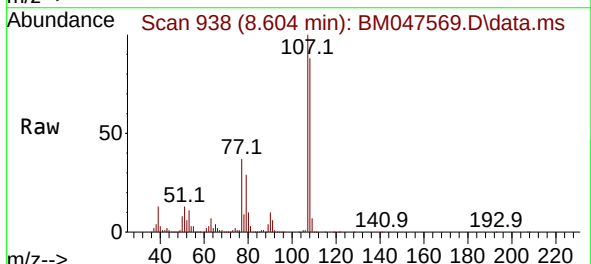
Ion	Ratio	Lower	Upper
70	100		
42	57.4	48.2	72.2
101	8.6	7.0	10.4
130	18.0	15.3	22.9

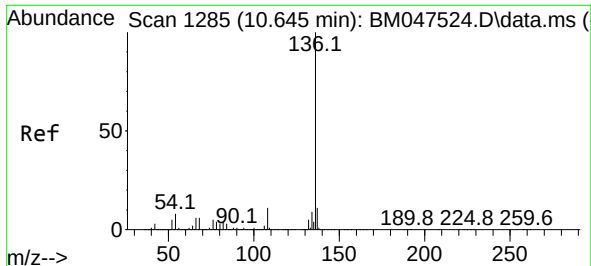


#20
3+4-Methylphenols
Concen: 42.861 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 107 Resp: 1057865

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.9	108.9
77	36.6	15.5	55.5
79	29.4	10.0	50.0



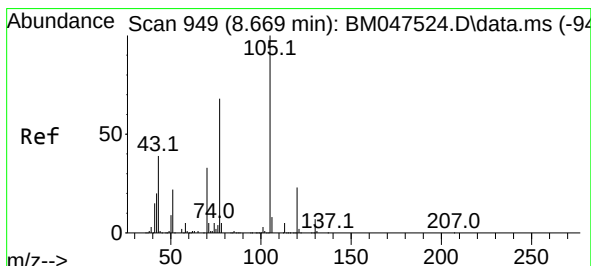
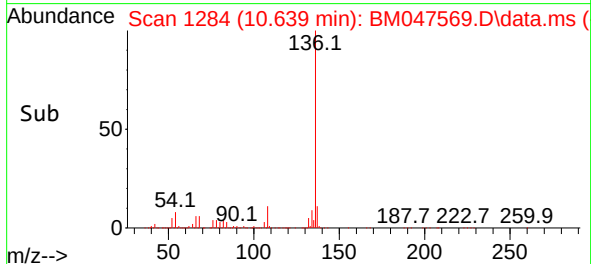
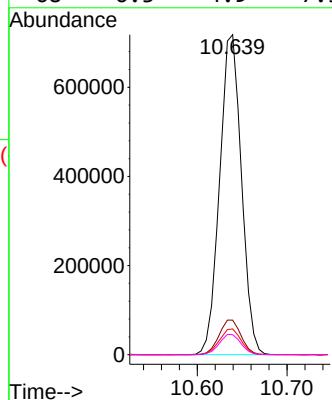
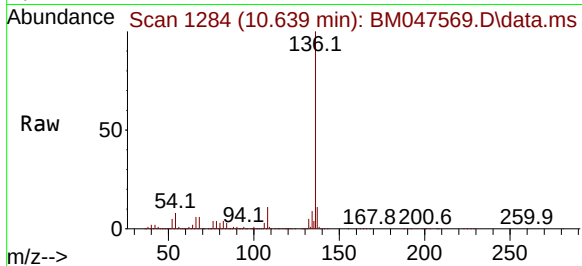


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

Tgt Ion:136 Resp: 1211917

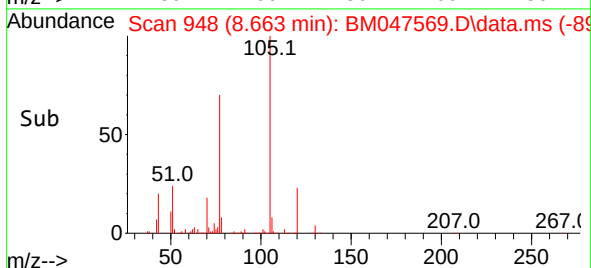
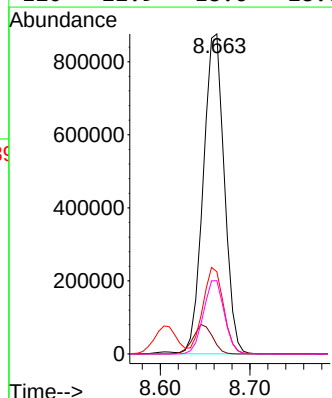
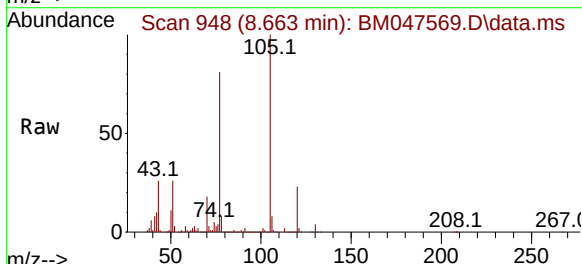
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.0	6.6	9.8
68	6.3	4.9	7.3

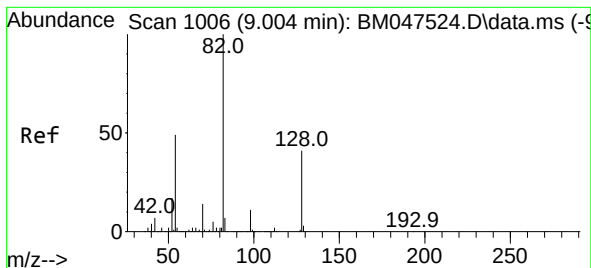


#22
Acetophenone
Concen: 44.633 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:105 Resp: 1422087

Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.3	6.5#
51	25.7	21.5	32.3
120	22.9	18.6	28.0





#23

Nitrobenzene-d5

Concen: 96.452 ng

RT: 8.992 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

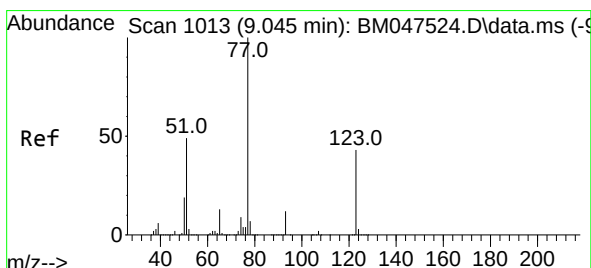
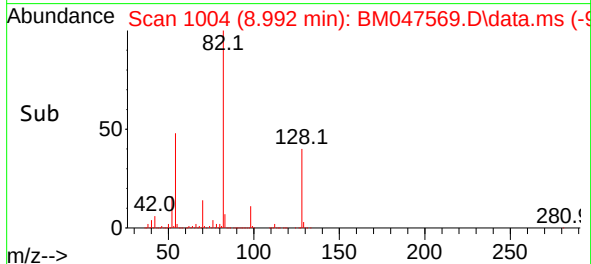
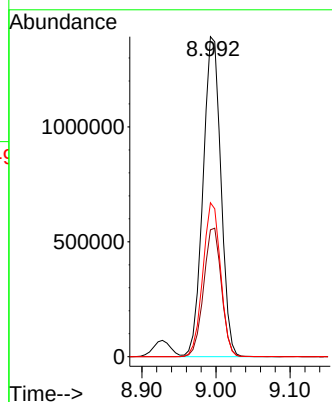
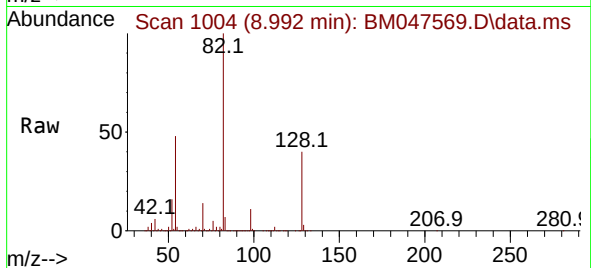
BNA_M

ClientSampleId :

PB163318BSD

Tgt Ion: 82 Resp: 2335679

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	48.1	39.3	58.9



#24

Nitrobenzene

Concen: 44.540 ng

RT: 9.040 min Scan# 1012

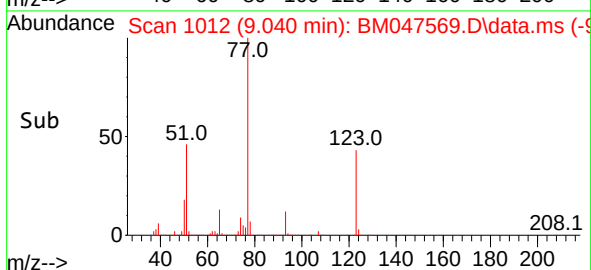
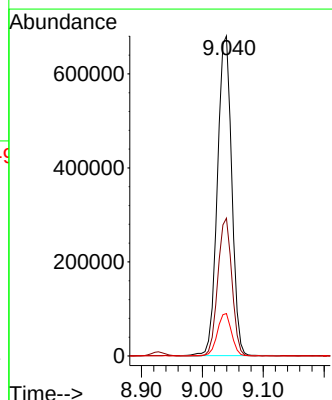
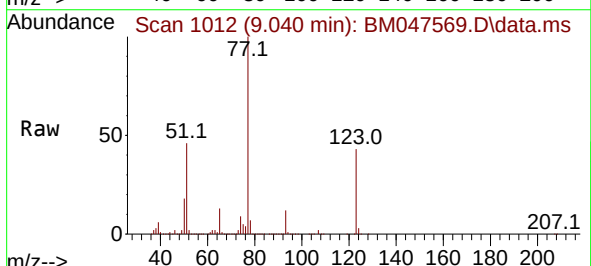
Delta R.T. -0.006 min

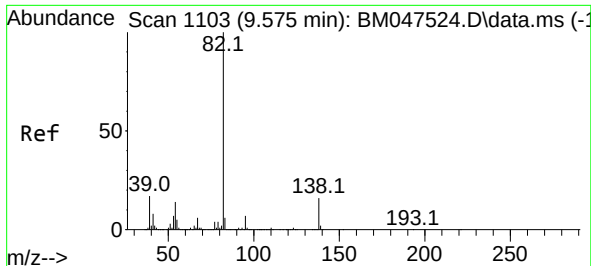
Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Tgt Ion: 77 Resp: 1108309

Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.5	51.7
65	13.2	10.7	16.1





#25

Isophorone

Concen: 44.955 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

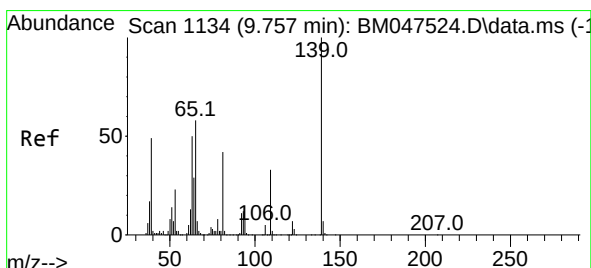
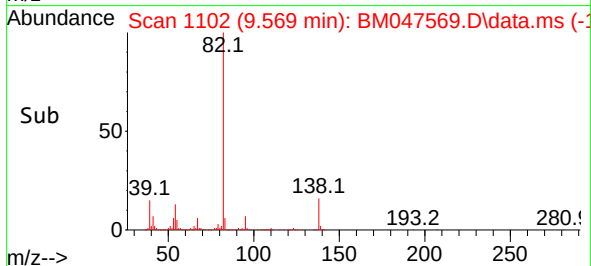
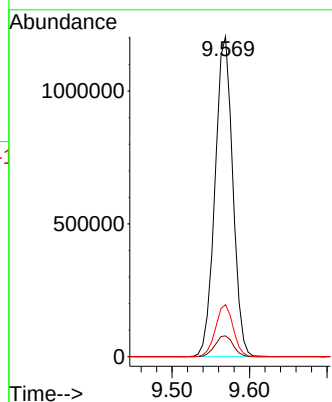
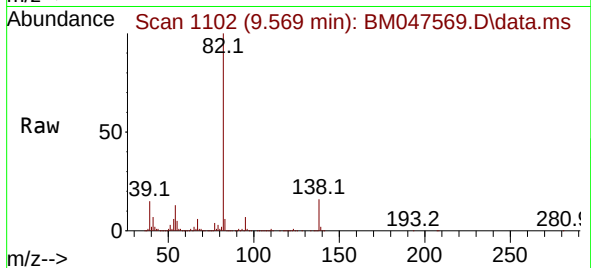
Tgt Ion: 82 Resp: 1913866

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

138 16.3 12.9 19.3



#26

2-Nitrophenol

Concen: 50.635 ng

RT: 9.745 min Scan# 1132

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

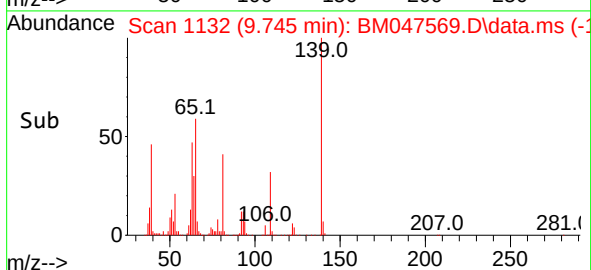
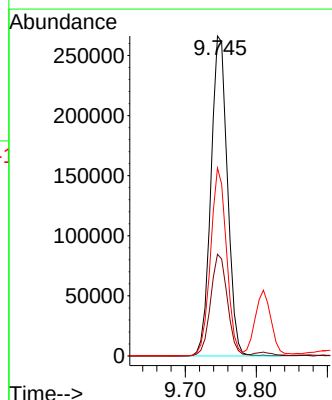
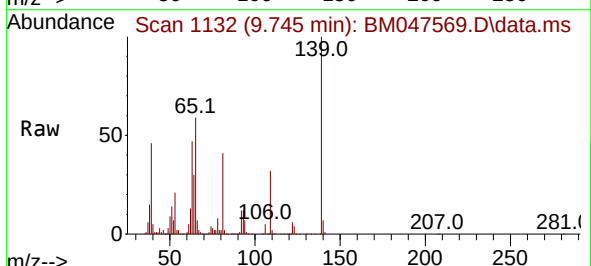
Tgt Ion:139 Resp: 429354

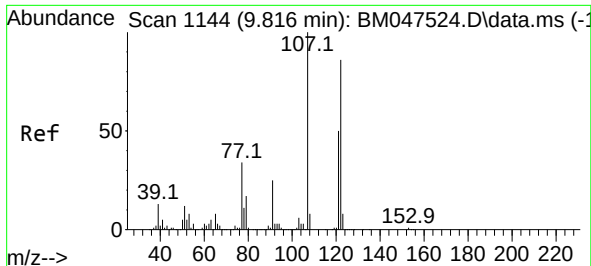
Ion Ratio Lower Upper

139 100

109 31.8 26.0 39.0

65 58.8 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 57.544 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

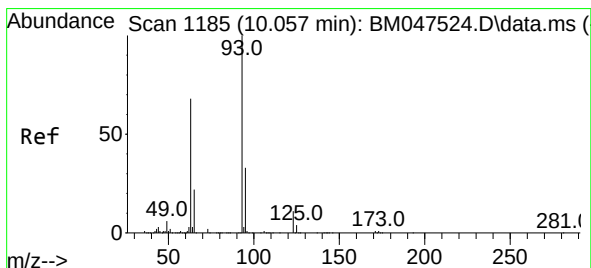
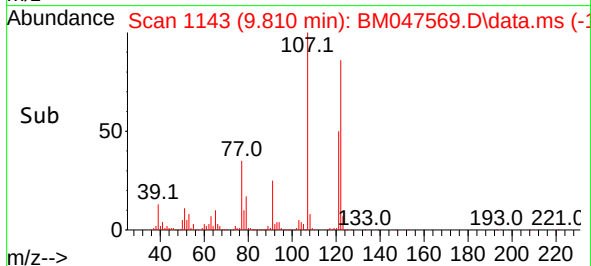
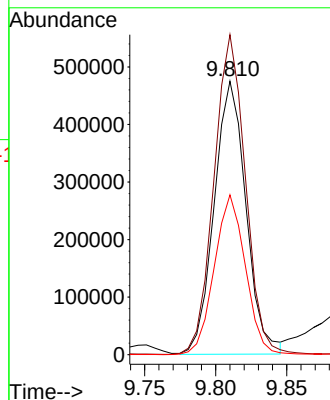
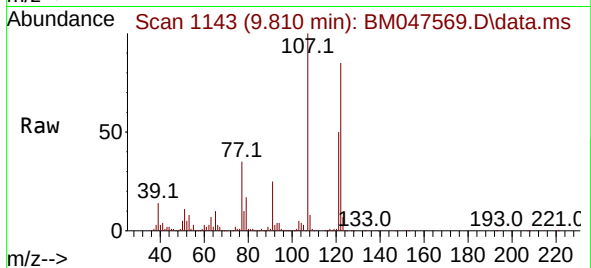
Tgt Ion:122 Resp: 739664

Ion Ratio Lower Upper

122 100

107 117.0 92.4 138.6

121 58.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.775 ng

RT: 10.045 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

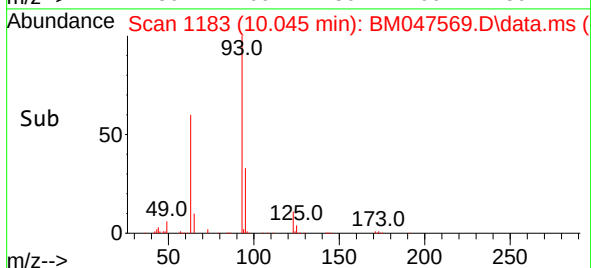
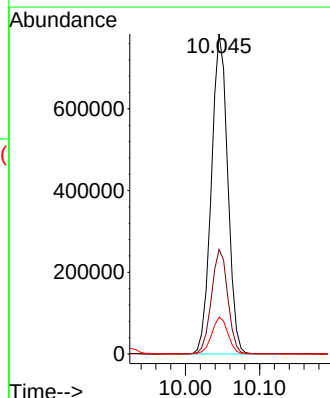
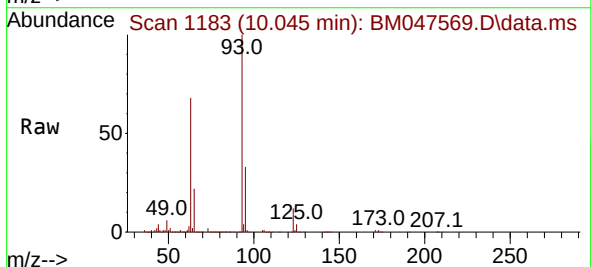
Tgt Ion: 93 Resp: 1197364

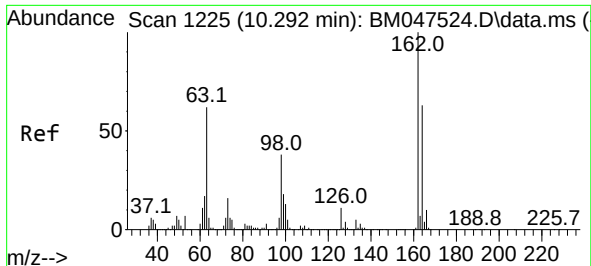
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.5 9.2 13.8

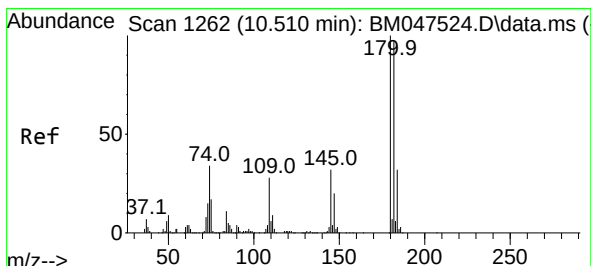
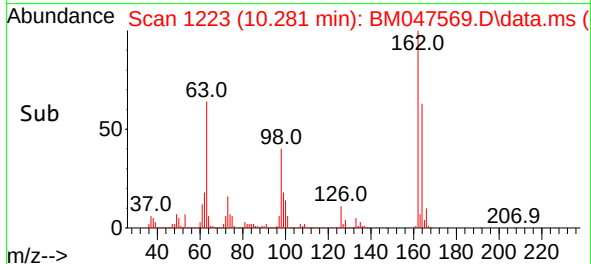
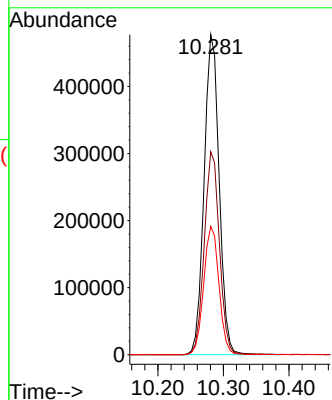
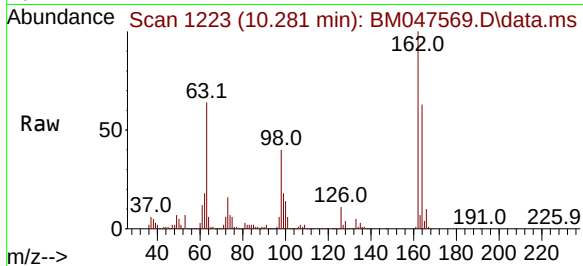




#29
2,4-Dichlorophenol
Concen: 46.880 ng
RT: 10.281 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

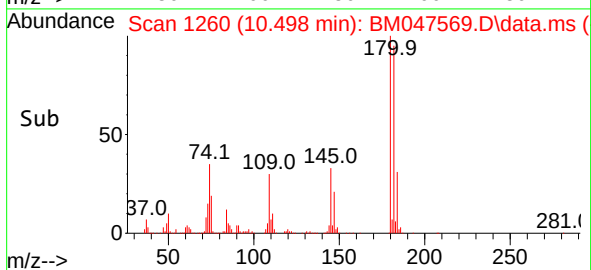
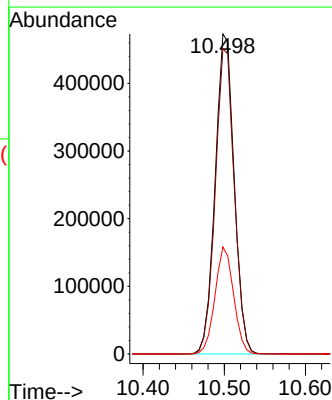
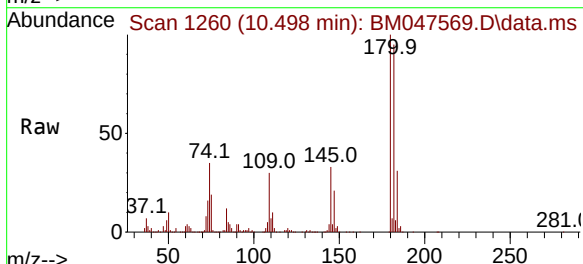
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

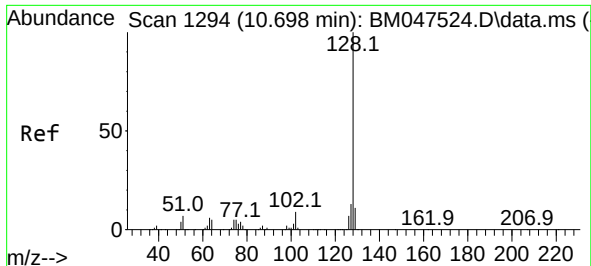
Tgt Ion:162 Resp: 765581
Ion Ratio Lower Upper
162 100
164 63.5 43.5 83.5
98 40.1 17.6 57.6



#30
1,2,4-Trichlorobenzene
Concen: 41.180 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:180 Resp: 770321
Ion Ratio Lower Upper
180 100
182 95.4 77.6 116.4
145 33.4 25.4 38.0

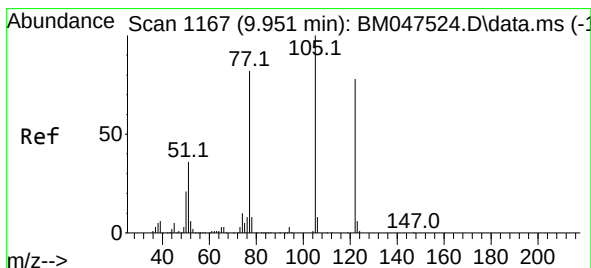
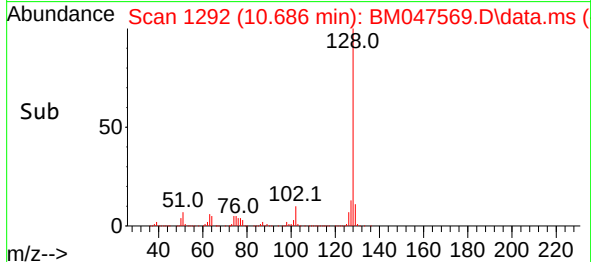
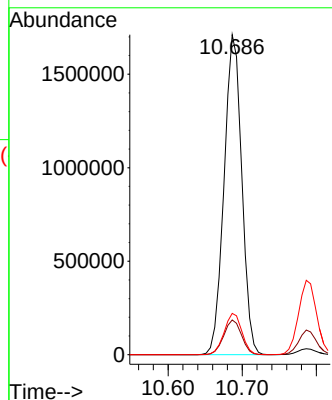
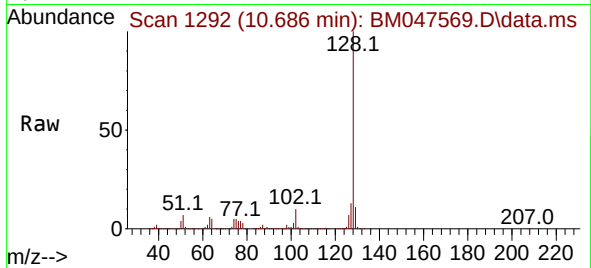




#31
Naphthalene
Concen: 43.348 ng
RT: 10.686 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

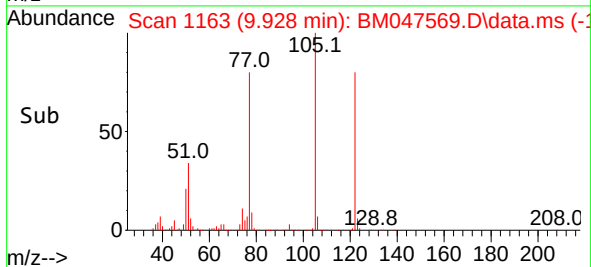
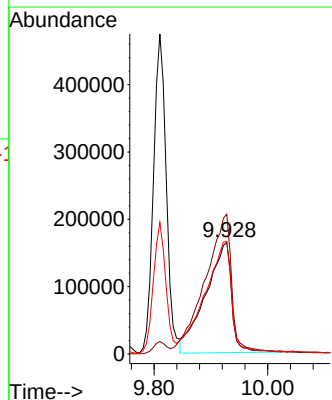
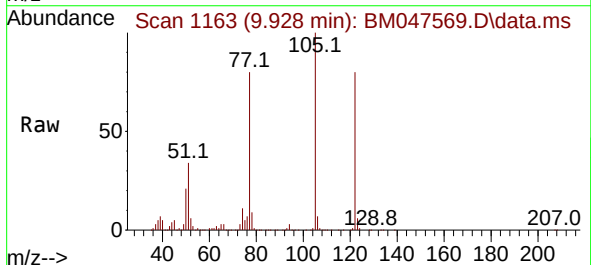
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

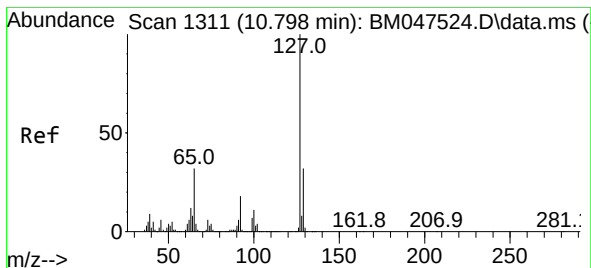
Tgt Ion:128 Resp: 2837269
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 41.966 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.023 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:122 Resp: 519346
Ion Ratio Lower Upper
122 100
105 125.2 104.7 144.7
77 100.5 83.4 123.4

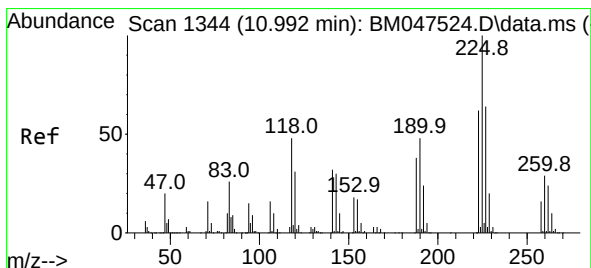
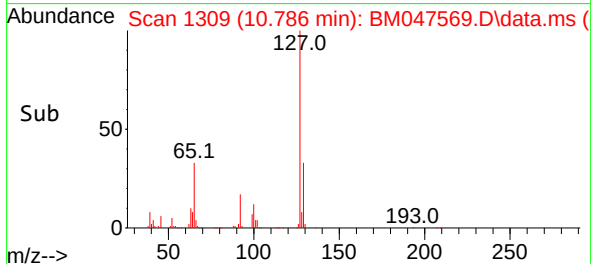
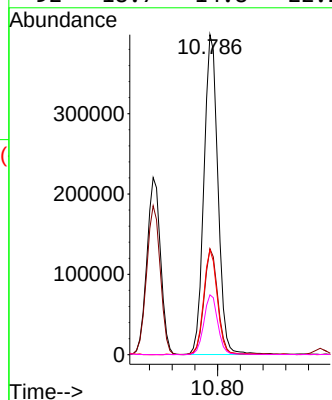
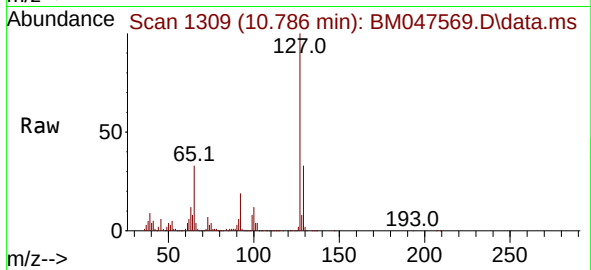




#33
4-Chloroaniline
Concen: 28.759 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

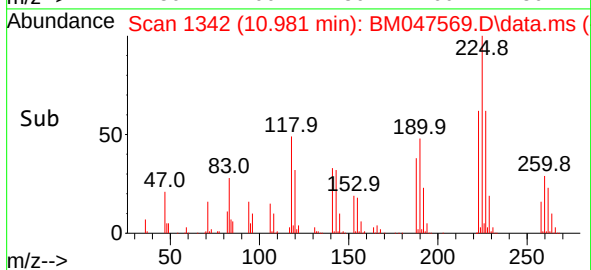
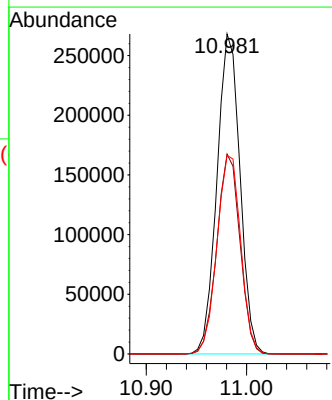
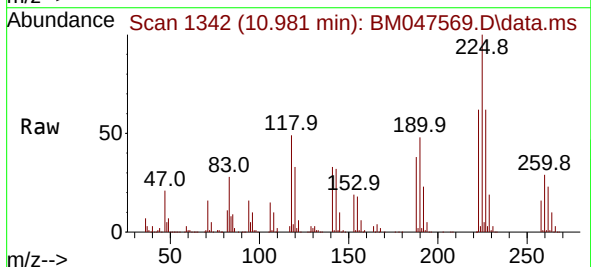
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

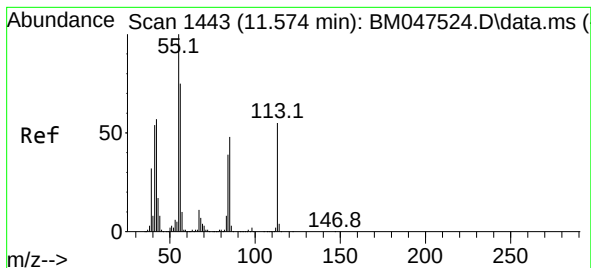
Tgt Ion:	127	Resp:	680573
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.0
65	32.8	25.5	38.3
92	18.7	14.8	22.2



#34
Hexachlorobutadiene
Concen: 41.259 ng
RT: 10.981 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:	225	Resp:	427487
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	62.1	51.0	76.4





#35

Caprolactam

Concen: 25.878 ng

RT: 11.563 min Scan# 14

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

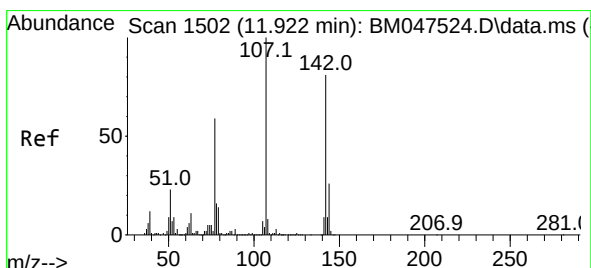
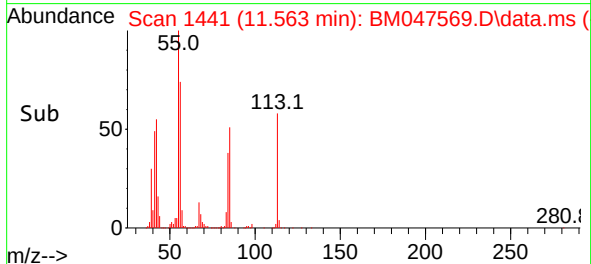
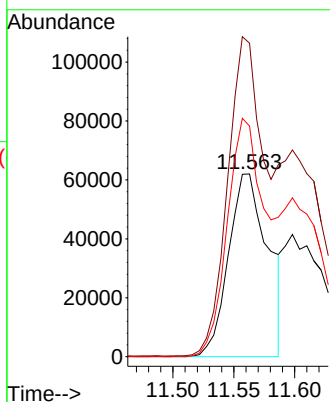
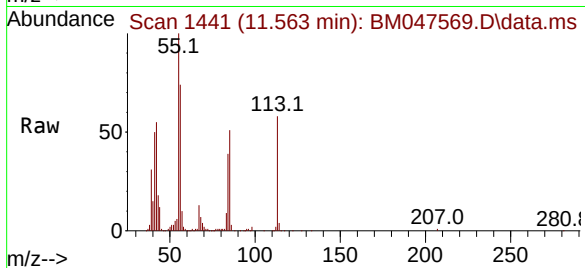
Tgt Ion:113 Resp: 139192

Ion Ratio Lower Upper

113 100

55 171.6 162.5 202.5

56 126.1 116.5 156.5



#36

4-Chloro-3-methylphenol

Concen: 44.762 ng

RT: 11.910 min Scan# 1500

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

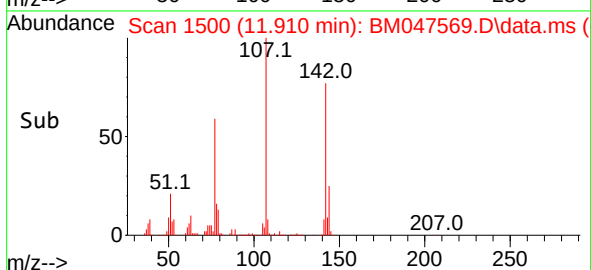
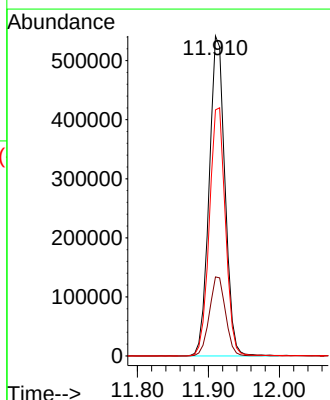
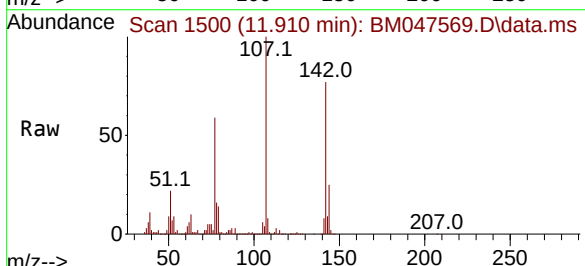
Tgt Ion:107 Resp: 837721

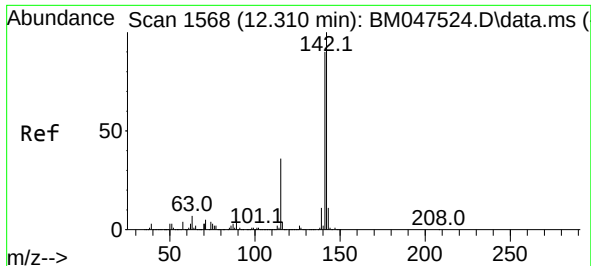
Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

142 76.9 65.0 97.4

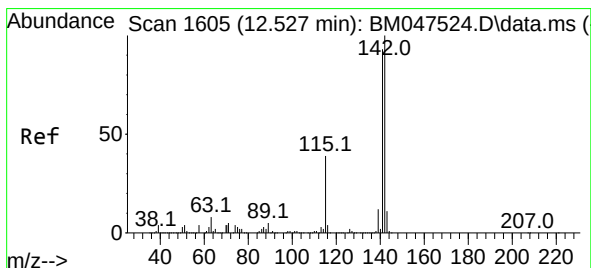
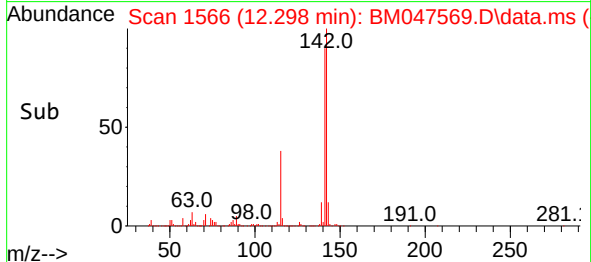
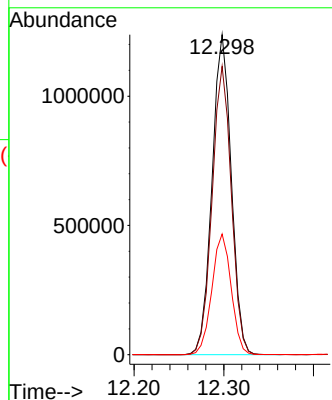
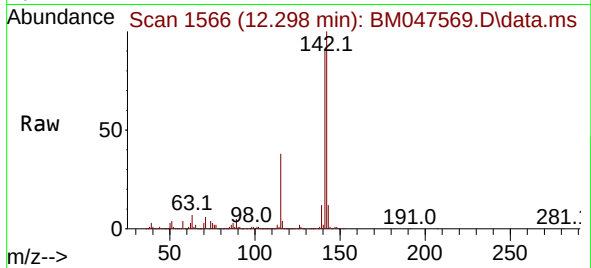




#37
2-Methylnaphthalene
Concen: 42.299 ng
RT: 12.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

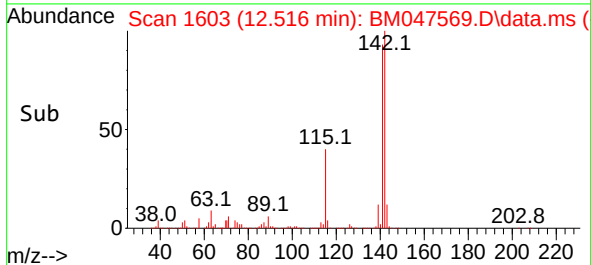
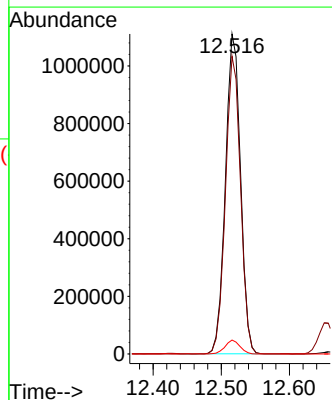
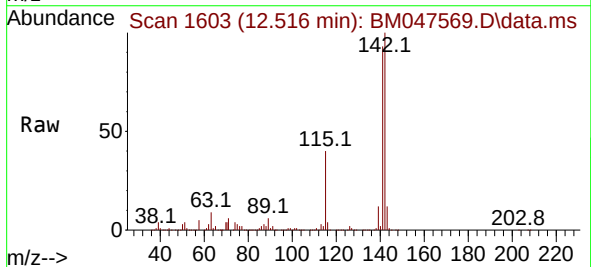
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

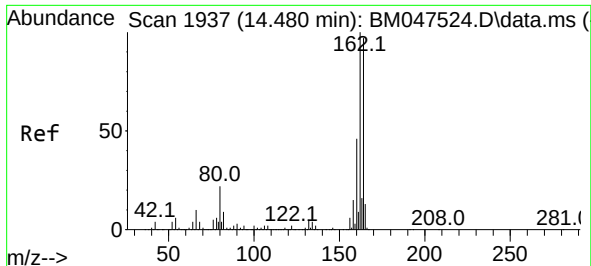
Tgt Ion:142 Resp: 1842679
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4
115 37.7 29.1 43.7



#38
1-Methylnaphthalene
Concen: 39.536 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:142 Resp: 1711593
Ion Ratio Lower Upper
142 100
141 93.0 74.7 112.1
116 4.4 3.2 4.8

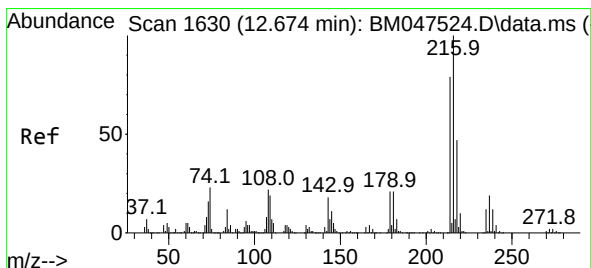
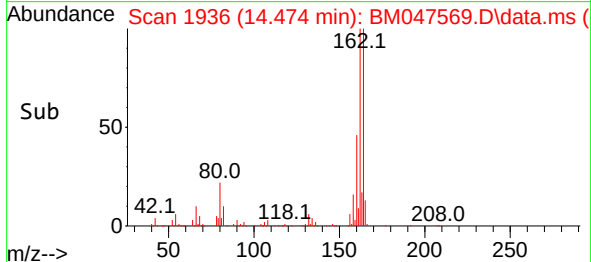
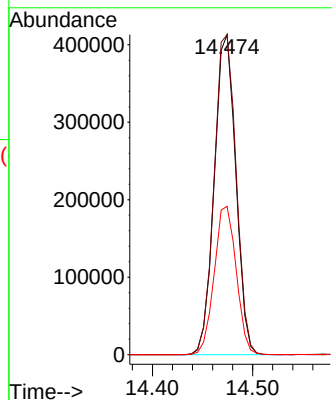
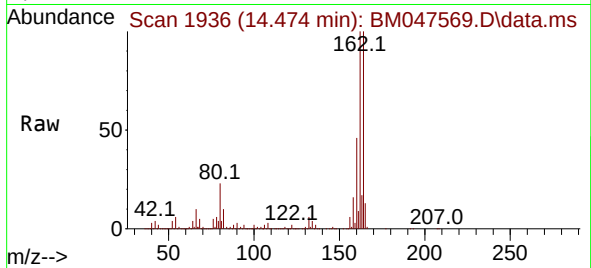




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

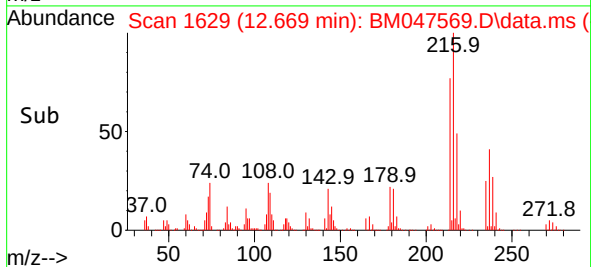
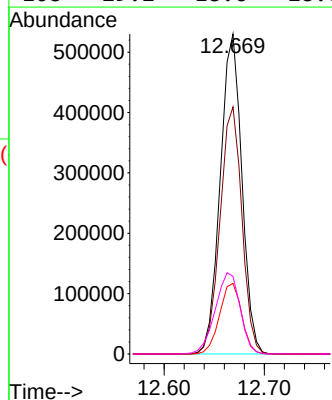
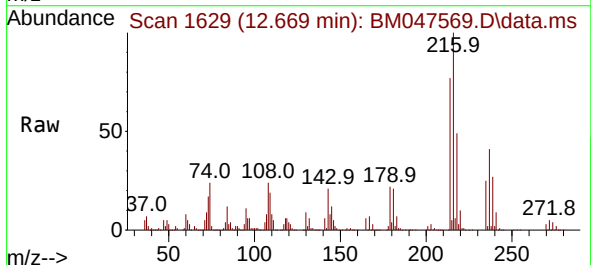
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

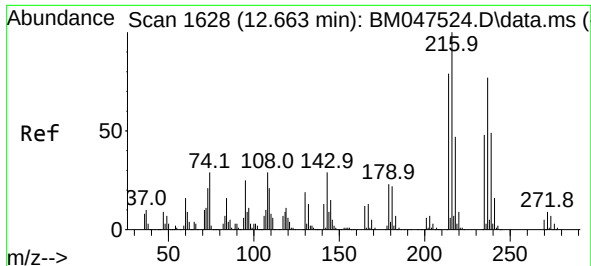
Tgt Ion:164 Resp: 613404
Ion Ratio Lower Upper
164 100
162 99.9 82.2 123.2
160 46.4 38.2 57.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.701 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

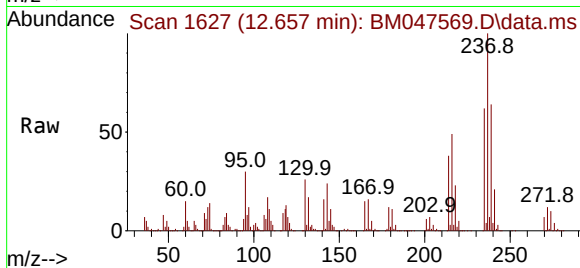
Tgt Ion:216 Resp: 791753
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.6
179 22.6 17.5 26.3
108 29.2 18.6 28.0#



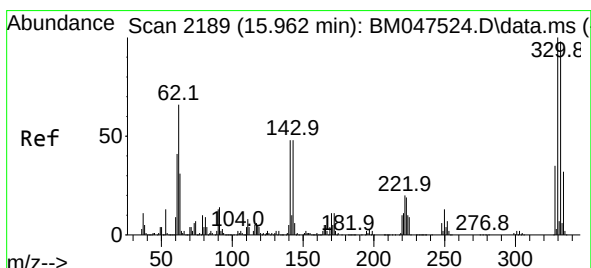
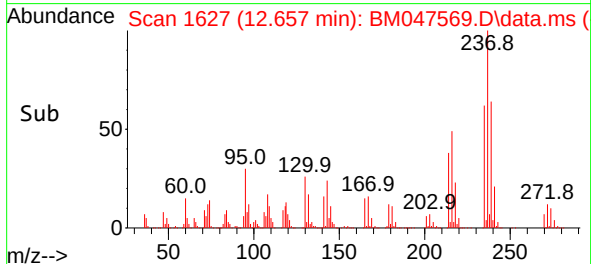
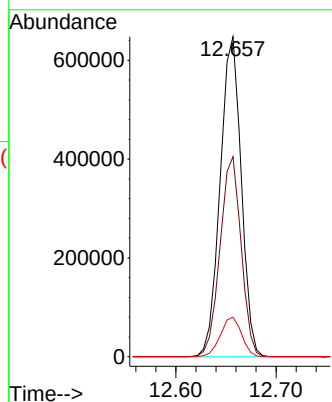


#41
Hexachlorocyclopentadiene
Concen: 173.794 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

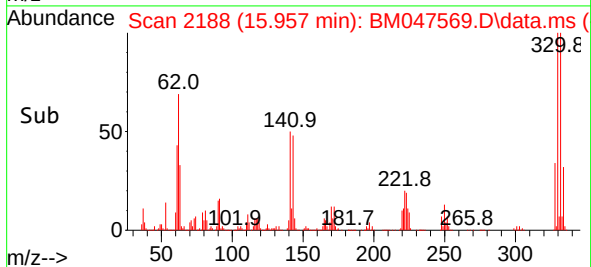
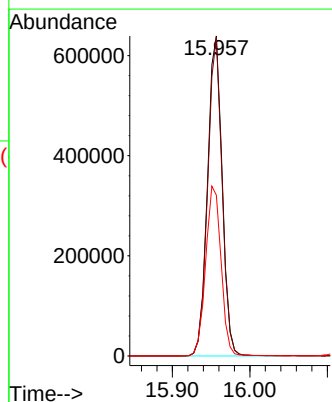
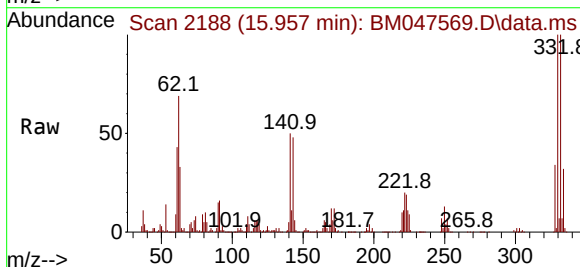


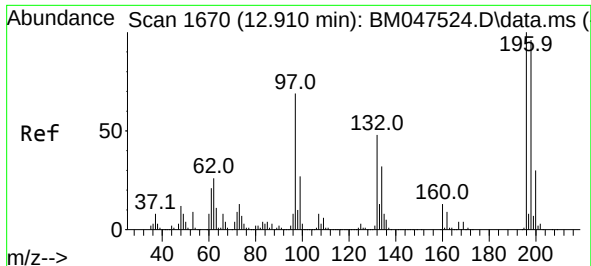
Tgt Ion:237 Resp: 943035
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 12.4 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 142.050 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:330 Resp: 842227
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 55.7 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 50.441 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

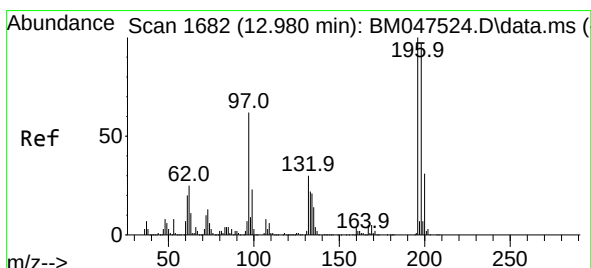
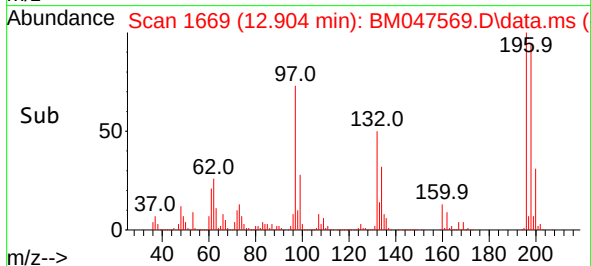
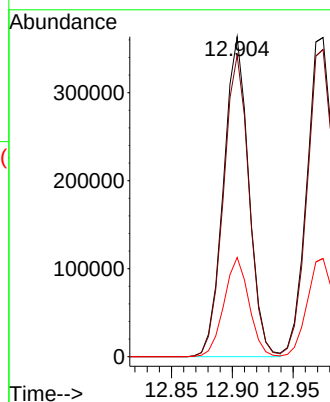
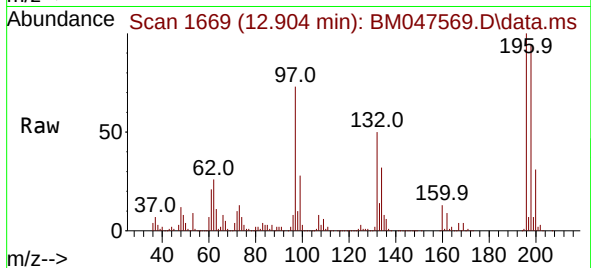
Tgt Ion:196 Resp: 524521

Ion Ratio Lower Upper

196 100

198 94.2 76.9 115.3

200 31.0 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 47.566 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Tgt Ion:196 Resp: 558681

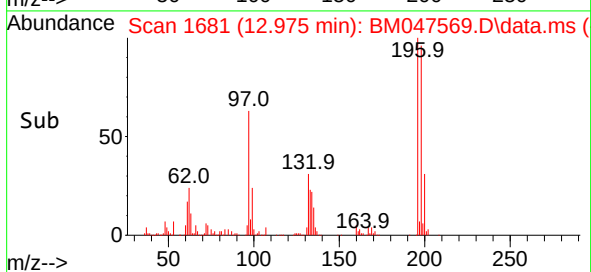
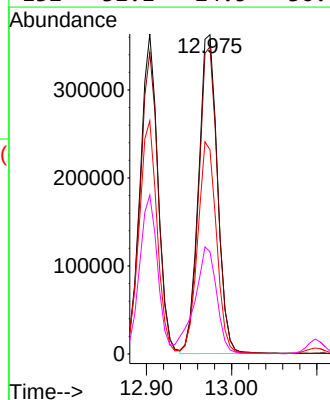
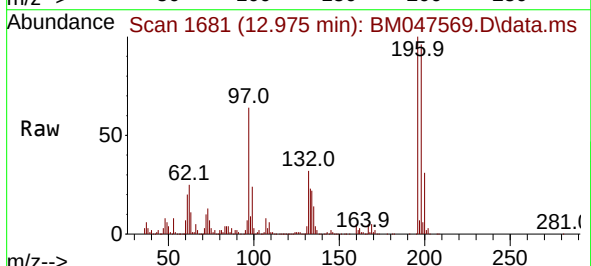
Ion Ratio Lower Upper

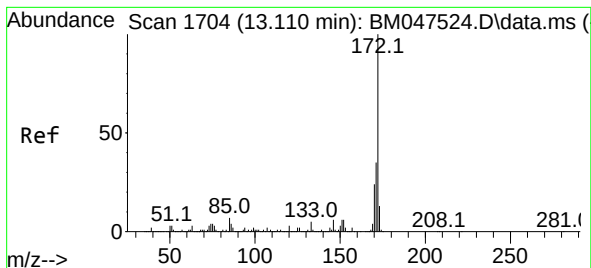
196 100

198 96.3 77.4 116.2

97 64.0 49.8 74.8

132 32.1 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 96.918 ng

RT: 13.098 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

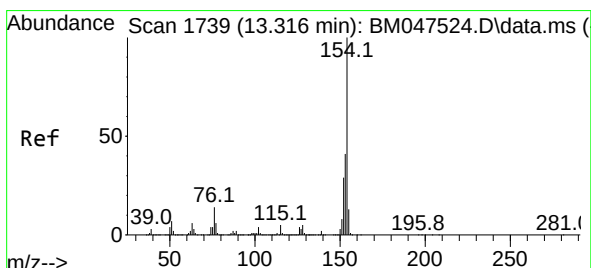
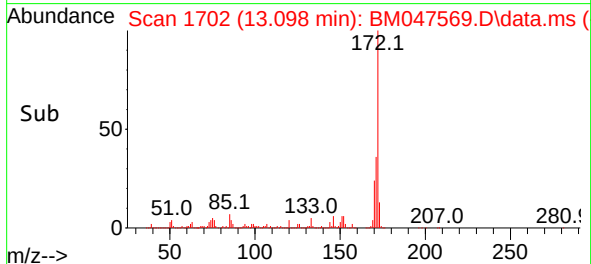
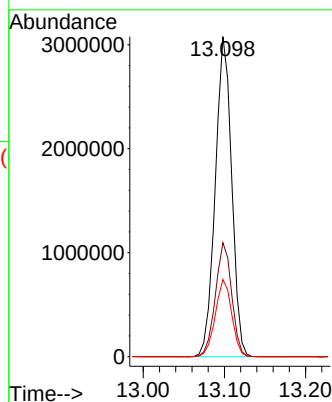
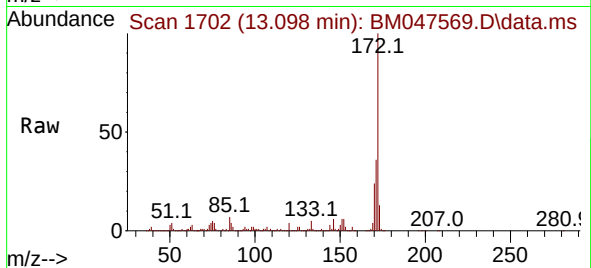
Tgt Ion:172 Resp: 4315694

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 46.347 ng

RT: 13.310 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

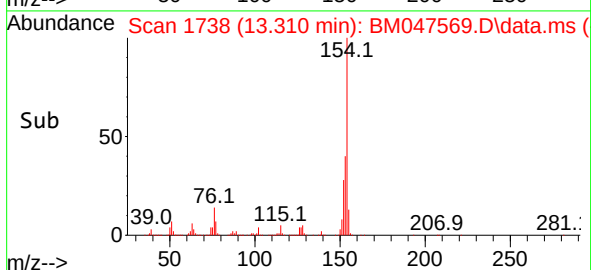
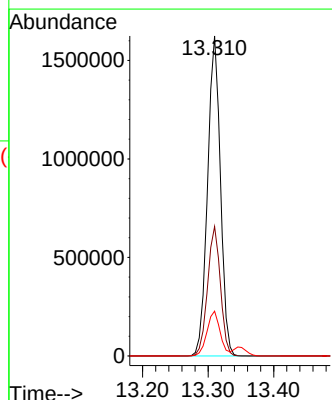
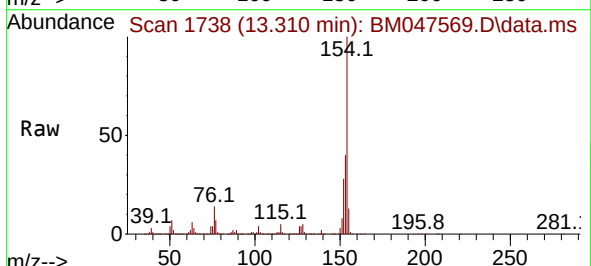
Tgt Ion:154 Resp: 2211954

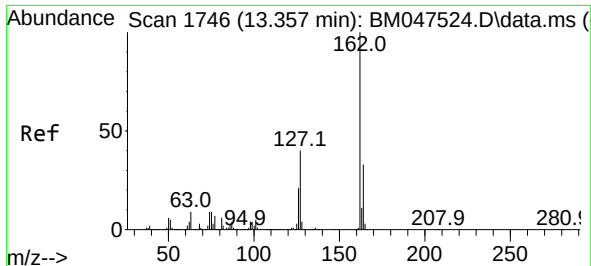
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 14.0 0.0 33.9

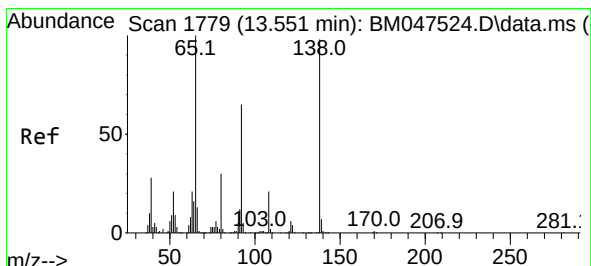
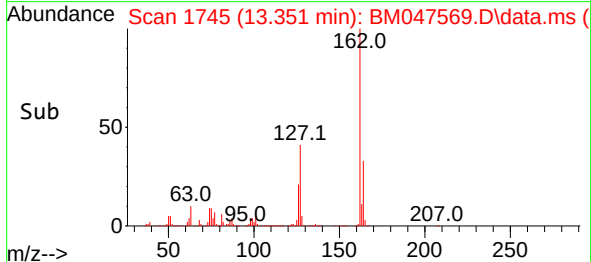
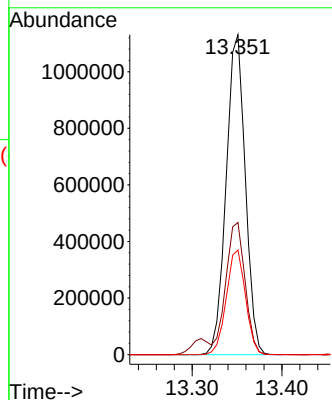
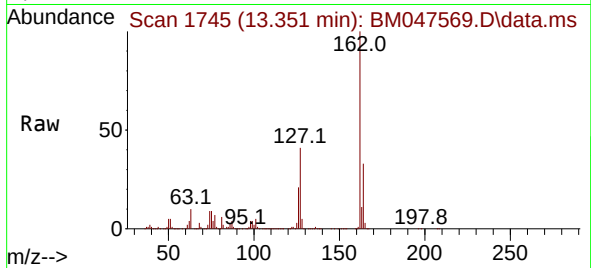




#47
2-Chloronaphthalene
Concen: 45.236 ng
RT: 13.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

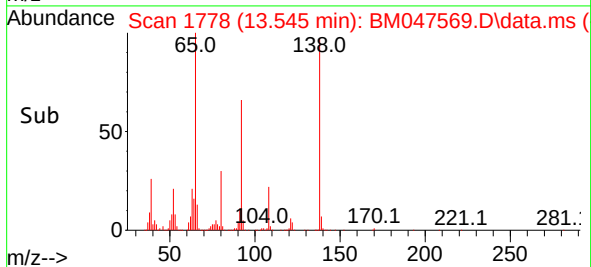
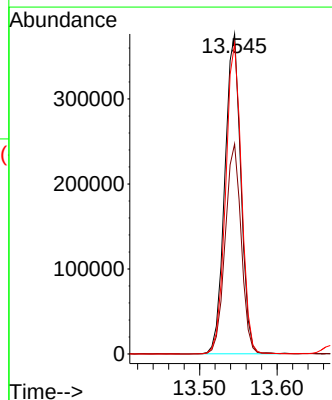
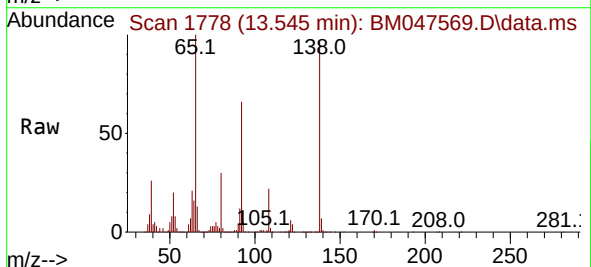
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

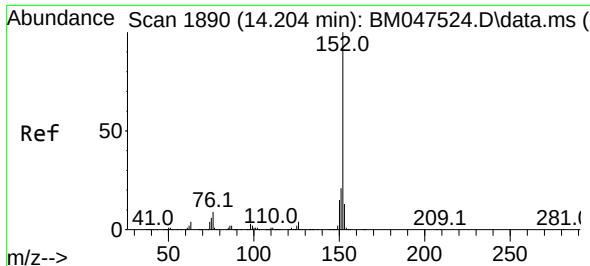
Tgt Ion:162 Resp: 1676373
Ion Ratio Lower Upper
162 100
127 41.3 32.2 48.4
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 49.780 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion: 65 Resp: 541845
Ion Ratio Lower Upper
65 100
92 65.6 51.9 77.9
138 97.0 78.5 117.7

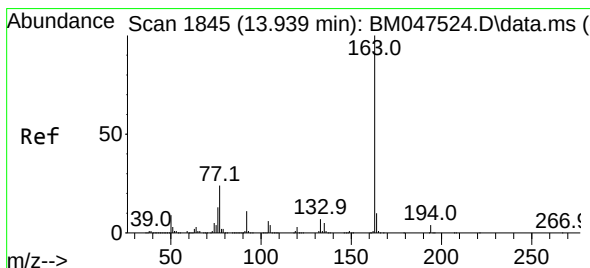
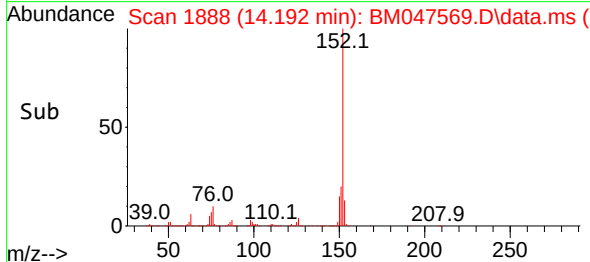
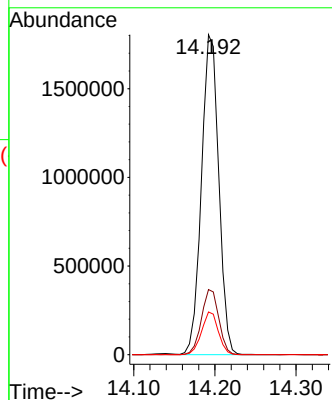
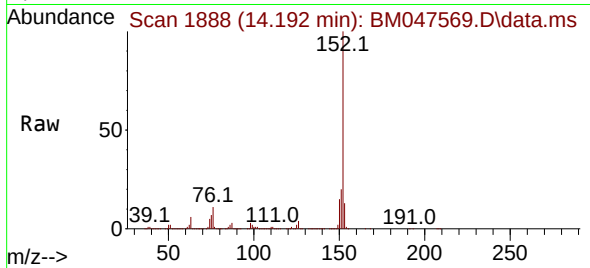




#49
Acenaphthylene
Concen: 49.861 ng
RT: 14.192 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

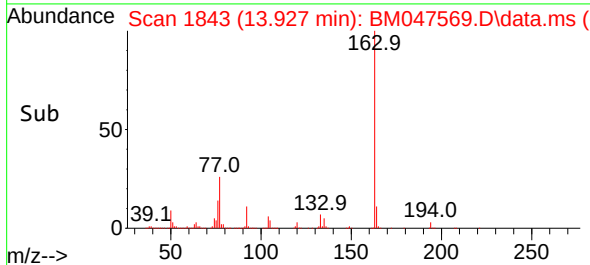
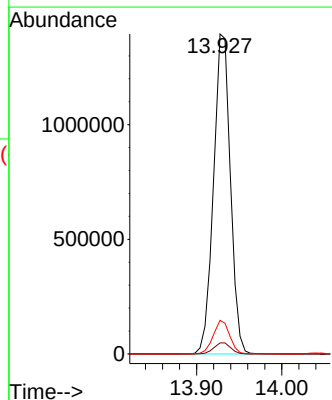
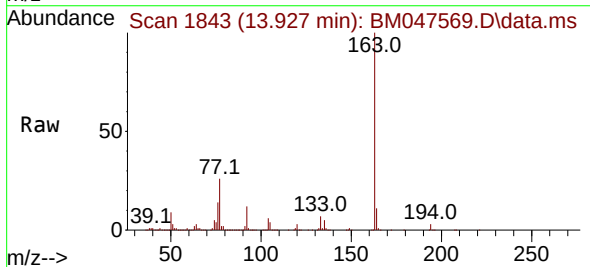
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

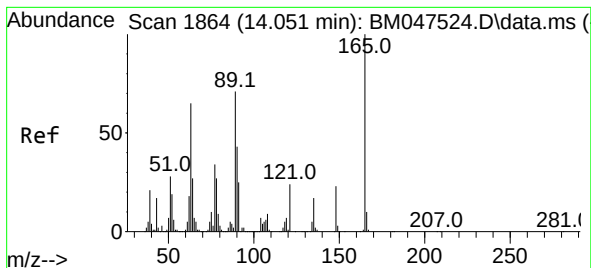
Tgt Ion:152 Resp: 2666450
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 45.889 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:163 Resp: 1918542
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.5 7.9 11.9

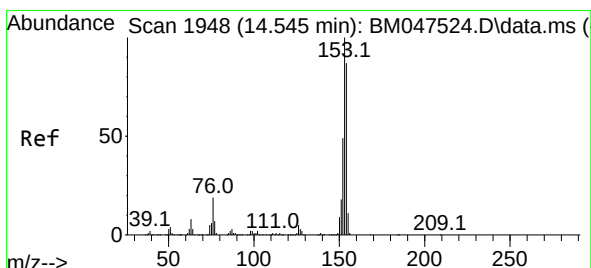
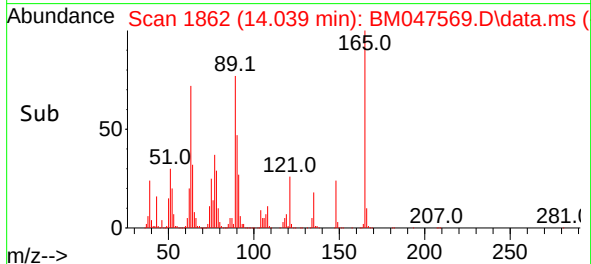
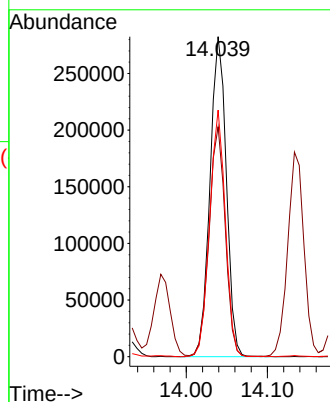
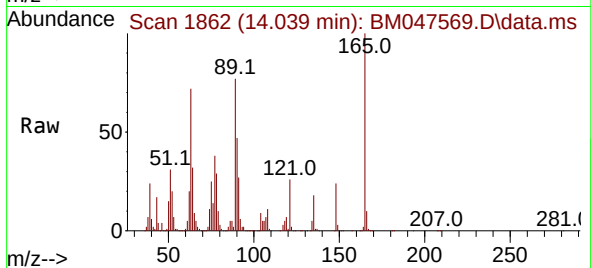




#51
2,6-Dinitrotoluene
Concen: 44.568 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

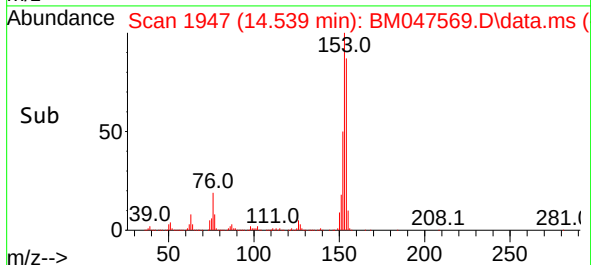
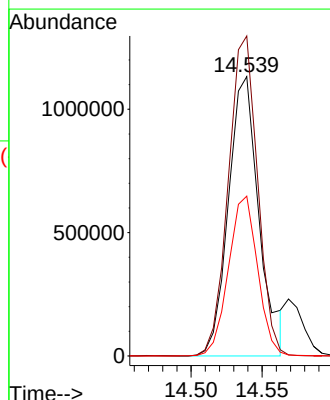
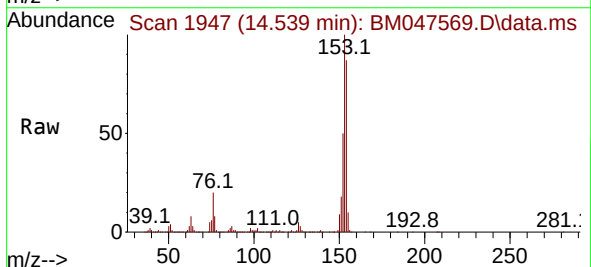
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

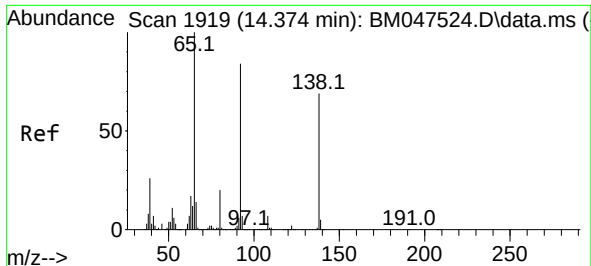
Tgt Ion:165 Resp: 393353
Ion Ratio Lower Upper
165 100
63 71.8 54.2 81.2
89 77.1 56.4 84.6



#52
Acenaphthene
Concen: 45.265 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:154 Resp: 1696092
Ion Ratio Lower Upper
154 100
153 114.6 92.2 138.2
152 57.2 45.4 68.0

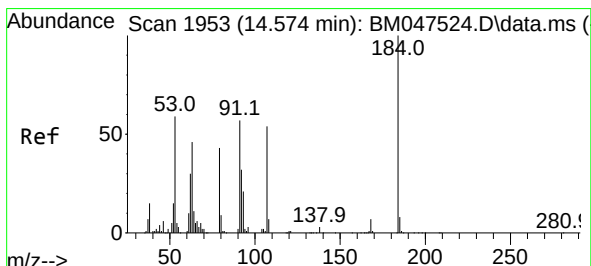
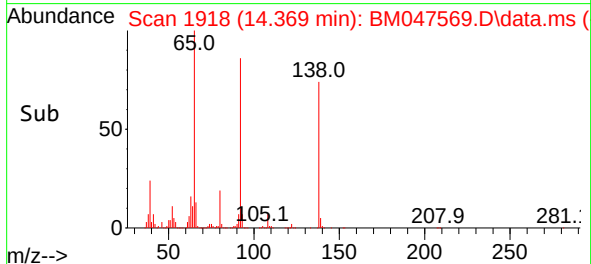
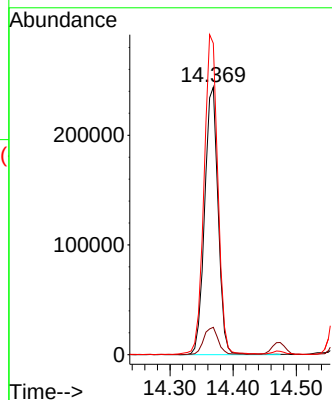
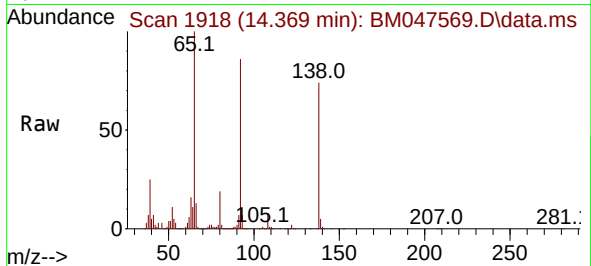




#53
3-Nitroaniline
Concen: 36.824 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

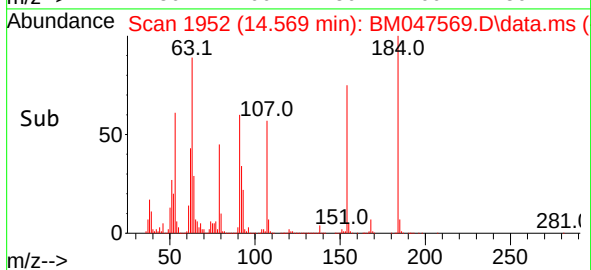
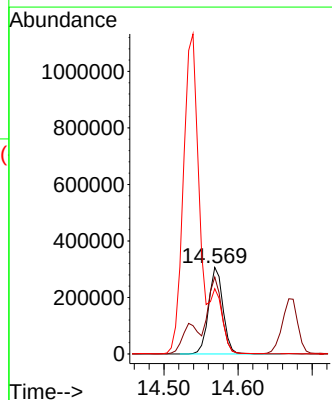
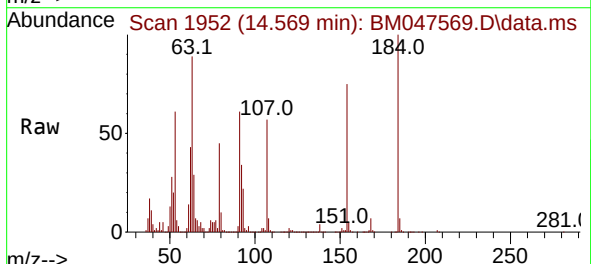
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

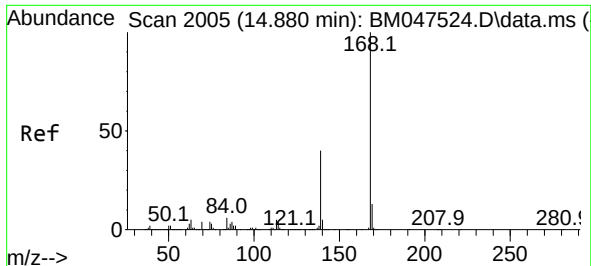
Tgt Ion:138 Resp: 361244
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 116.4 97.4 146.0



#54
2,4-Dinitrophenol
Concen: 82.181 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:184 Resp: 413034
Ion Ratio Lower Upper
184 100
63 88.9 69.4 104.0
154 75.4 60.4 90.6

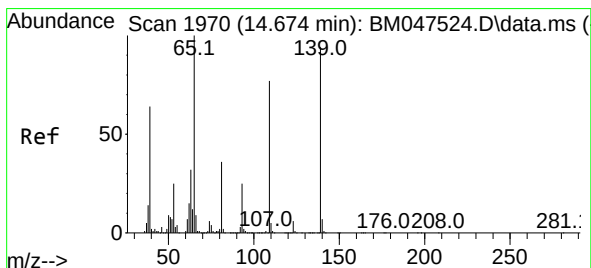
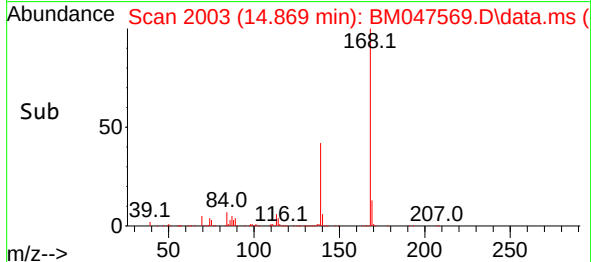
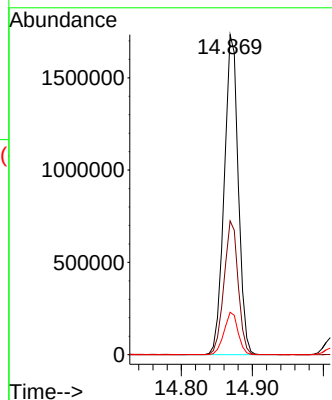
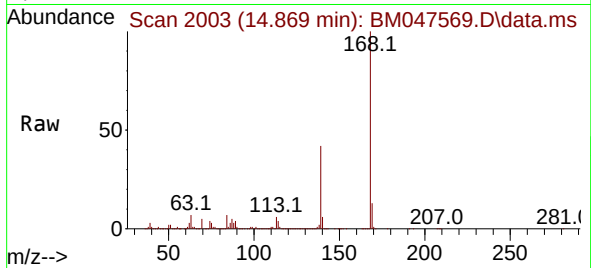




#55
Dibenzenofuran
Concen: 45.021 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

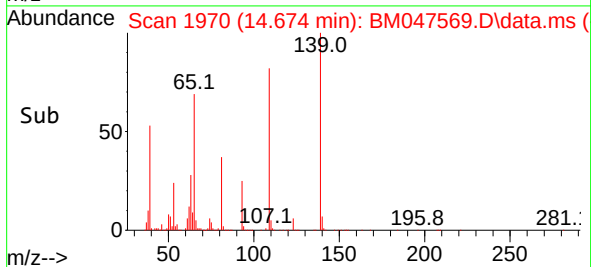
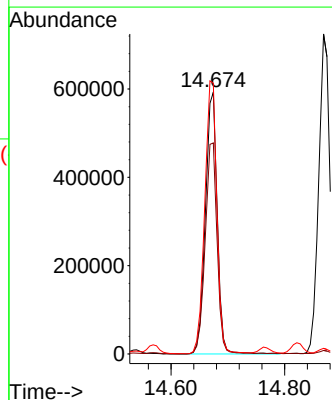
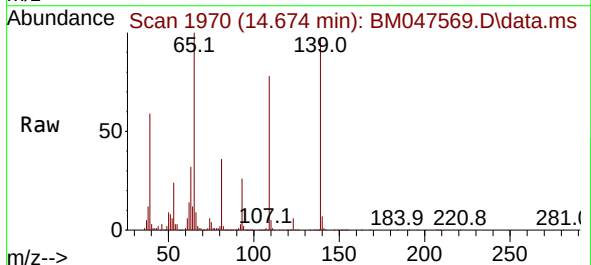
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

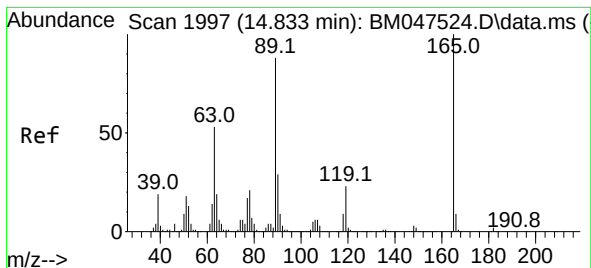
Tgt Ion:168 Resp: 2370535
Ion Ratio Lower Upper
168 100
139 41.8 31.9 47.9
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 106.021 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

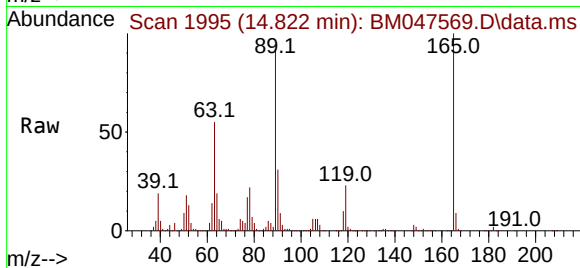
Tgt Ion:139 Resp: 855857
Ion Ratio Lower Upper
139 100
109 80.6 62.0 102.0
65 103.4 87.0 127.0



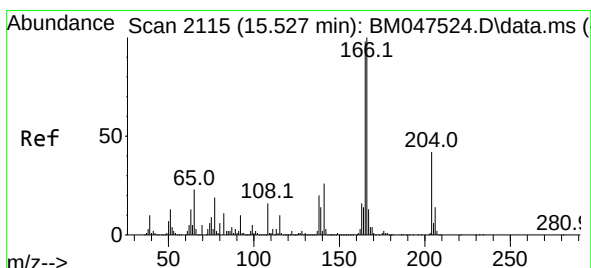
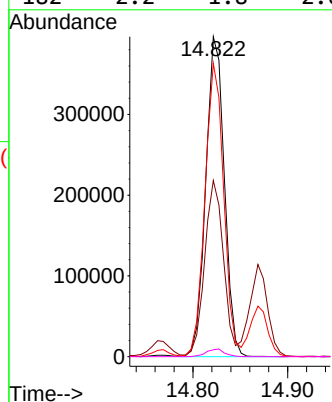
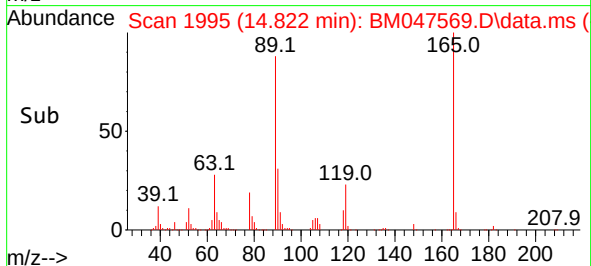


#57
2,4-Dinitrotoluene
Concen: 45.972 ng
RT: 14.822 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Instrument :
BNA_M
ClientSampleId :
PB163318BSD

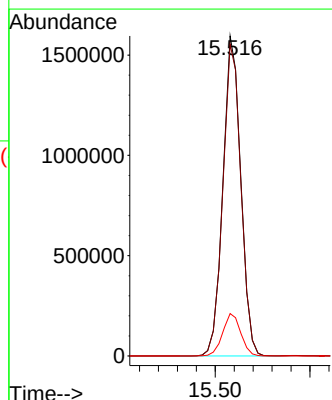
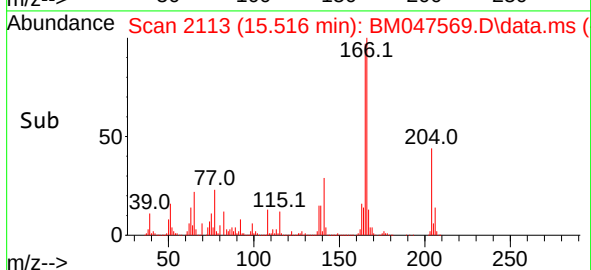
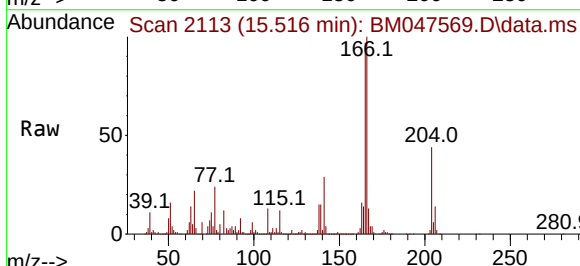


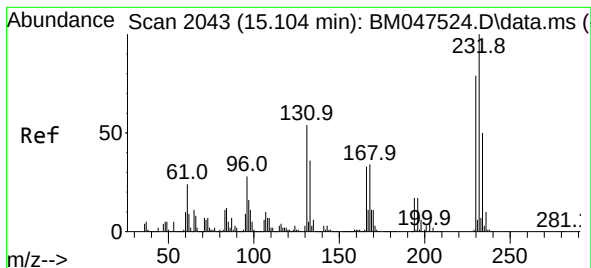
Tgt Ion:165 Resp: 541137
Ion Ratio Lower Upper
165 100
63 55.1 42.4 63.6
89 91.7 70.5 105.7
182 2.2 1.8 2.6



#58
Fluorene
Concen: 44.059 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:166 Resp: 2088643
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.3 10.7 16.1

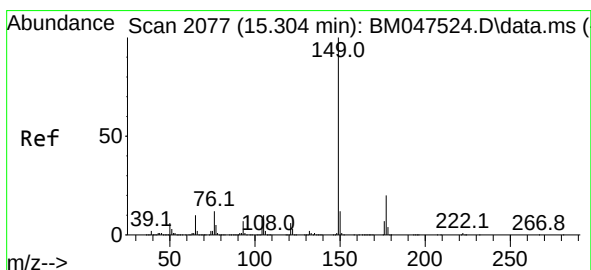
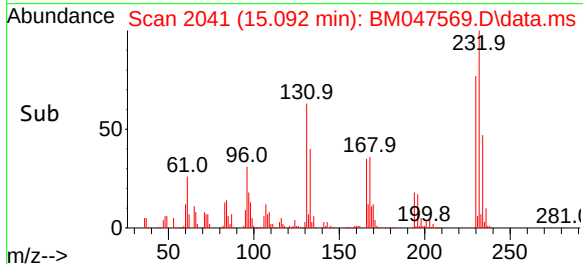
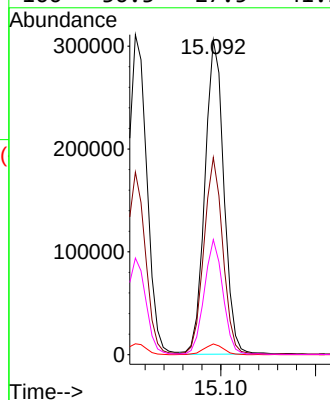
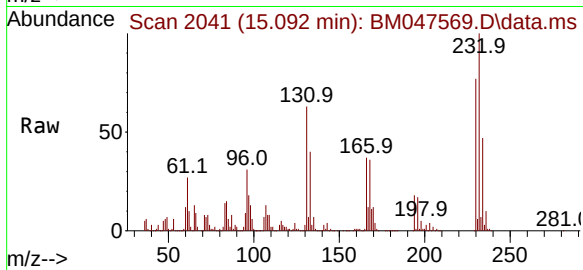




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.398 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

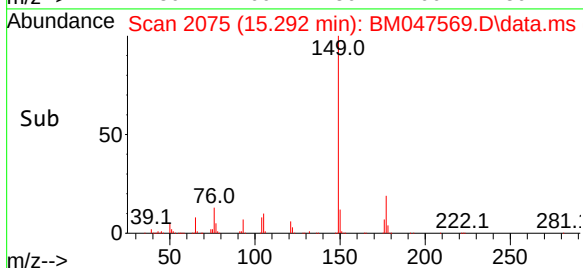
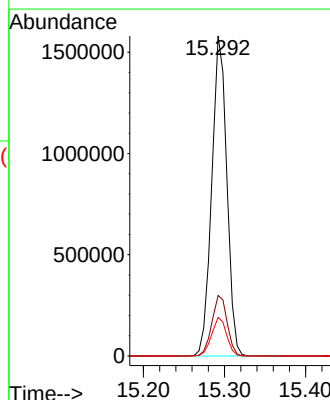
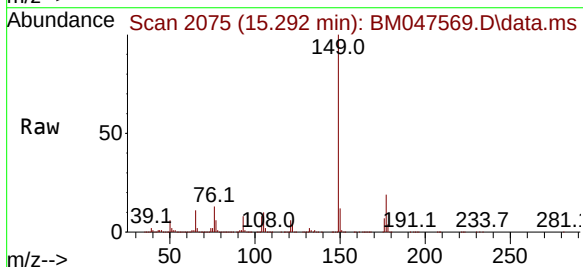
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

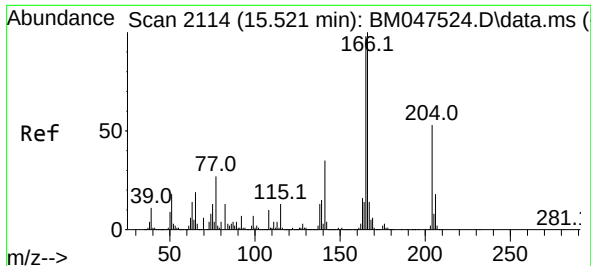
Tgt Ion:232 Resp: 424887
Ion Ratio Lower Upper
232 100
131 62.8 47.0 70.4
130 3.5 2.6 3.8
166 36.3 27.5 41.3



#60
Diethylphthalate
Concen: 45.676 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:149 Resp: 2032402
Ion Ratio Lower Upper
149 100
177 18.9 15.8 23.8
150 12.1 9.7 14.5

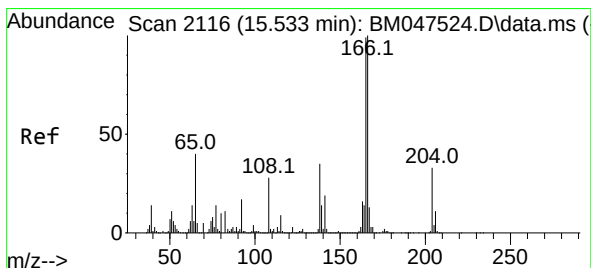
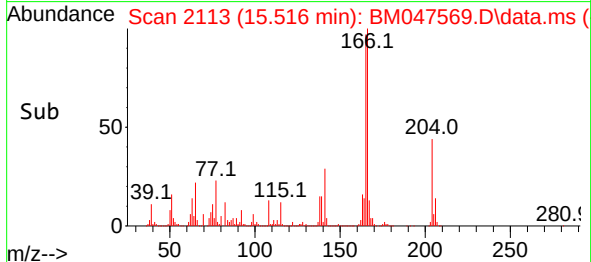
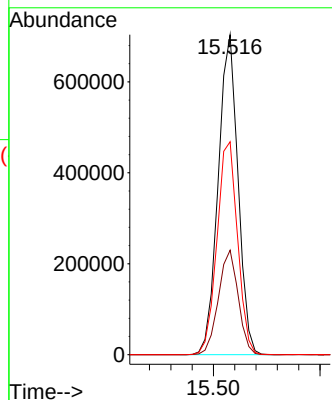
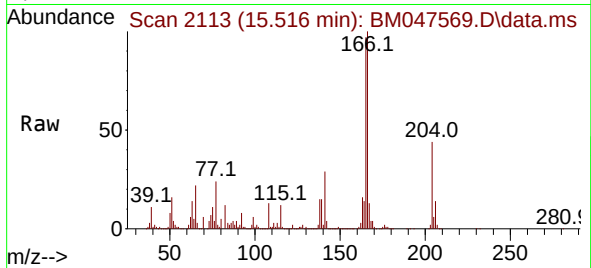




#61
4-Chlorophenyl-phenylether
Concen: 41.858 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

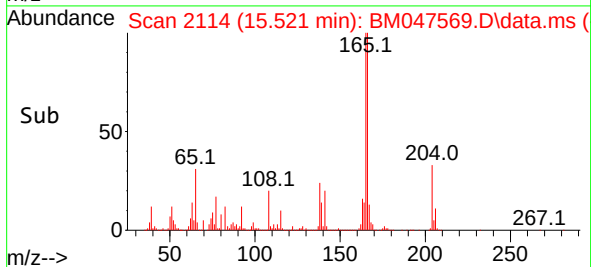
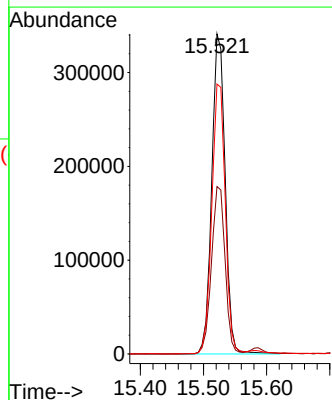
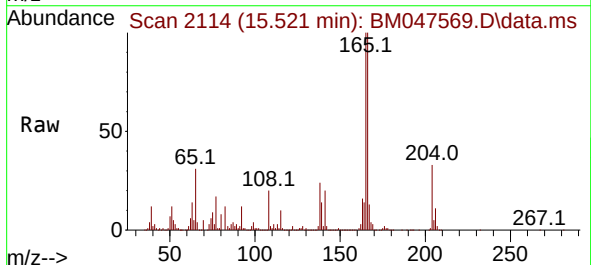
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

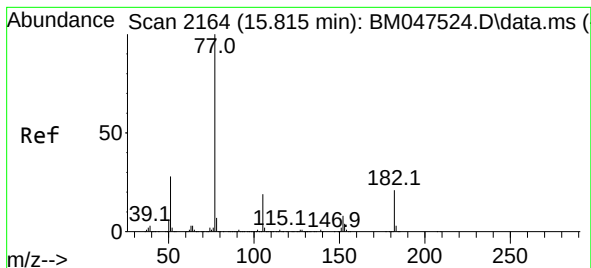
Tgt Ion:204 Resp: 907298
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.6 52.1 78.1



#62
4-Nitroaniline
Concen: 43.457 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:138 Resp: 501117
Ion Ratio Lower Upper
138 100
92 52.3 30.0 70.0
108 84.4 61.7 101.7





#63

Azobenzene

Concen: 47.573 ng

RT: 15.804 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

Tgt Ion: 77 Resp: 2330821

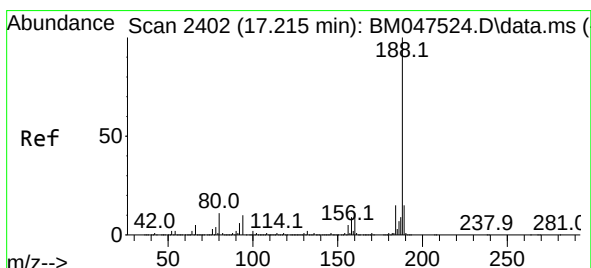
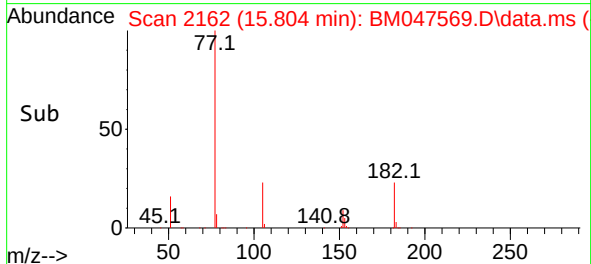
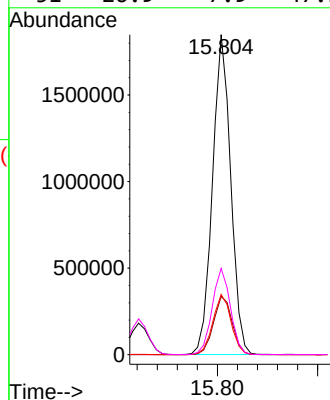
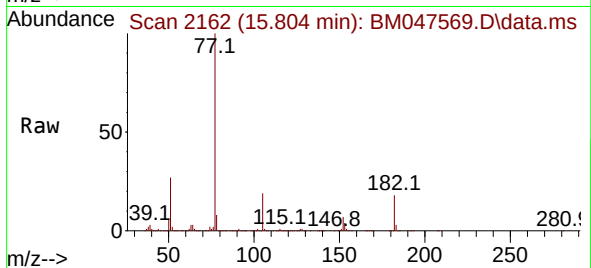
Ion Ratio Lower Upper

77 100

182 18.2 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. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

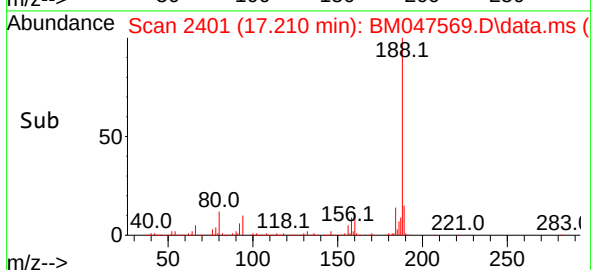
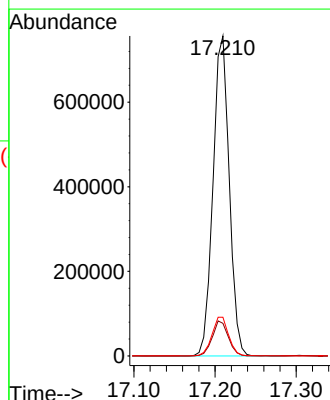
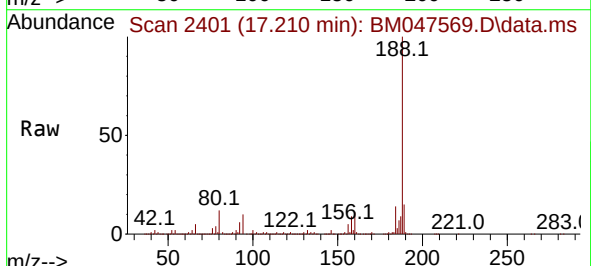
Tgt Ion:188 Resp: 1048553

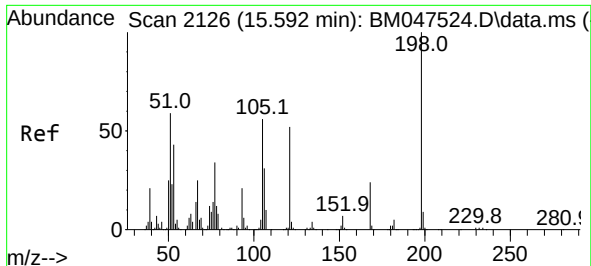
Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

80 12.1 9.1 13.7

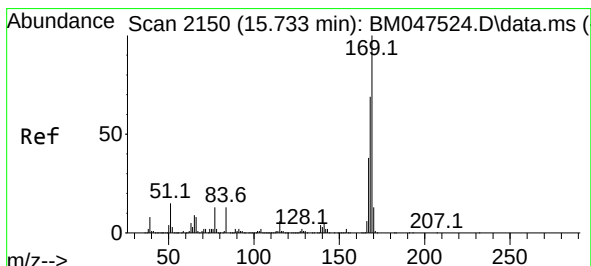
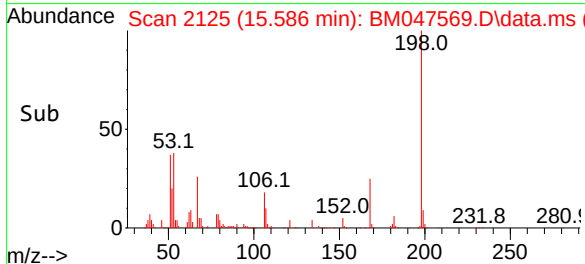
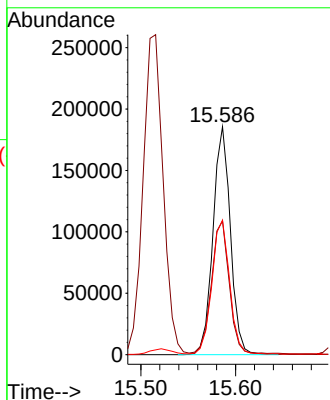
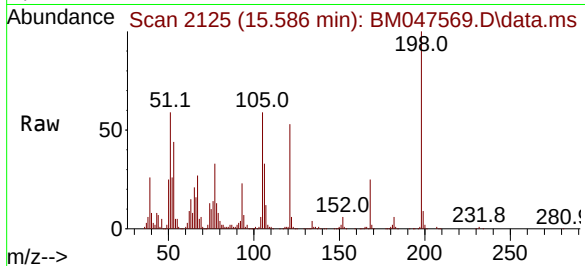




#65
4,6-Dinitro-2-methylphenol
Concen: 44.877 ng
RT: 15.586 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

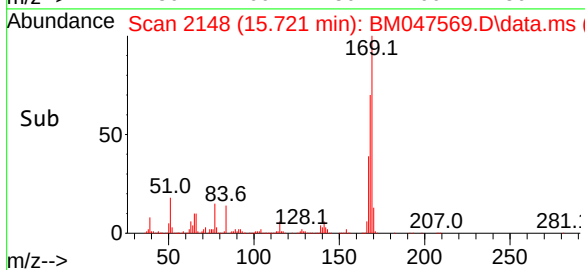
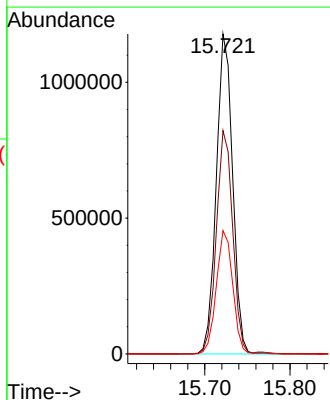
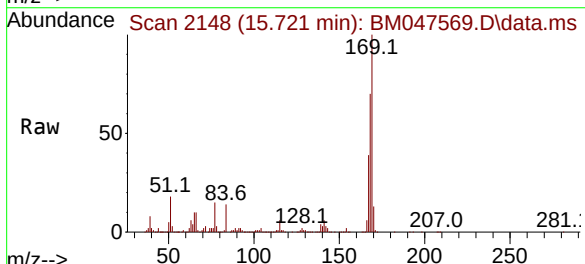
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

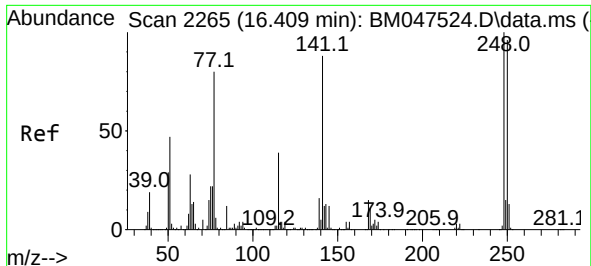
Tgt Ion:198 Resp: 236745
Ion Ratio Lower Upper
198 100
51 58.7 41.5 81.5
105 59.0 36.4 76.4



#66
n-Nitrosodiphenylamine
Concen: 48.797 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:169 Resp: 1565272
Ion Ratio Lower Upper
169 100
168 69.8 55.3 82.9
167 38.6 30.5 45.7

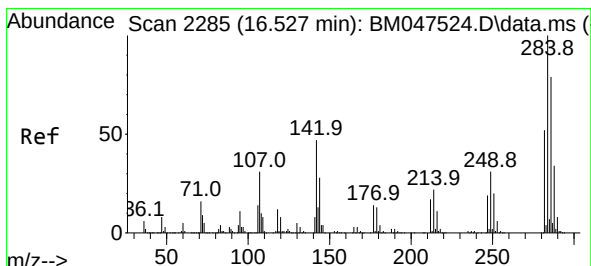
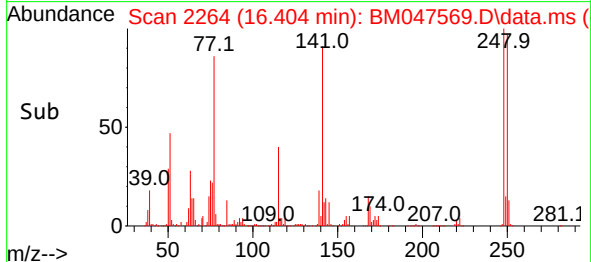
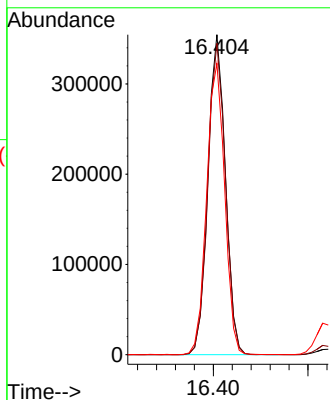
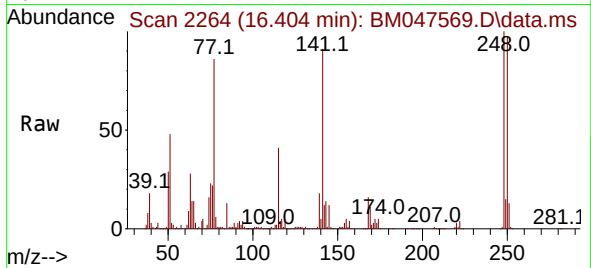




#67
4-Bromophenyl-phenylether
Concen: 44.762 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

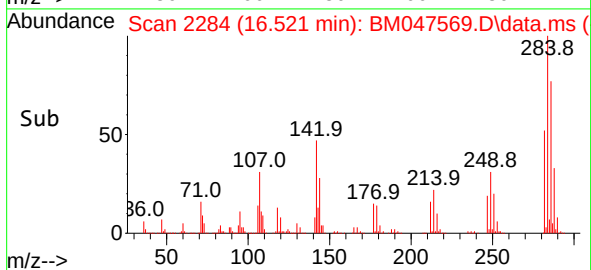
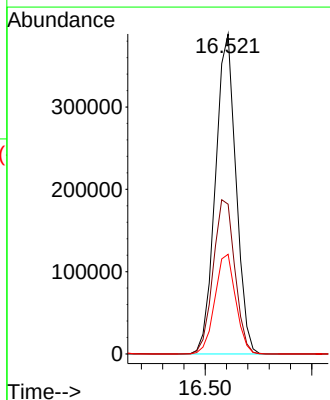
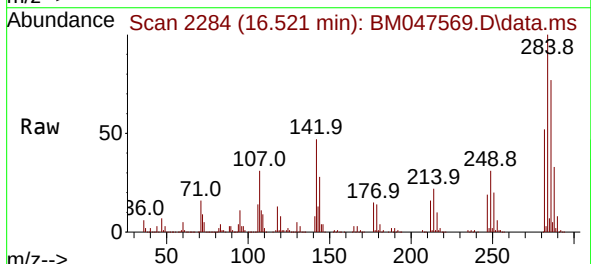
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

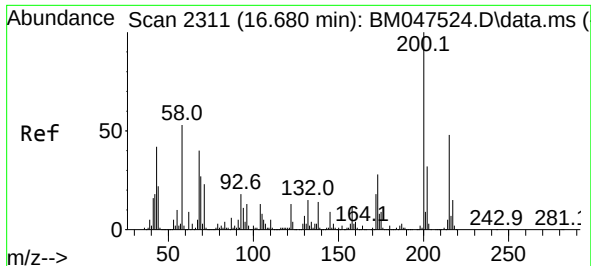
Tgt Ion:248 Resp: 456056
Ion Ratio Lower Upper
248 100
250 97.3 76.9 115.3
141 91.0 70.8 106.2



#68
Hexachlorobenzene
Concen: 45.080 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:284 Resp: 520321
Ion Ratio Lower Upper
284 100
142 46.8 37.3 55.9
249 31.1 24.5 36.7

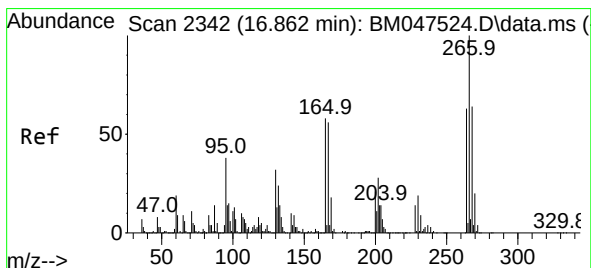
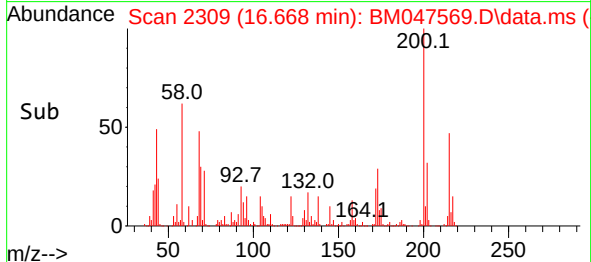
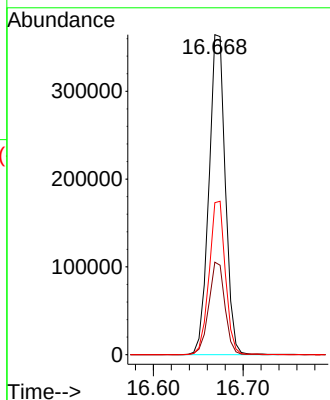
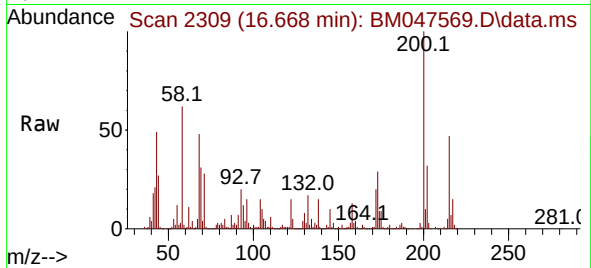




#69
 Atrazine
 Concen: 52.091 ng
 RT: 16.668 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047569.D
 Acq: 19 Sep 2024 13:54

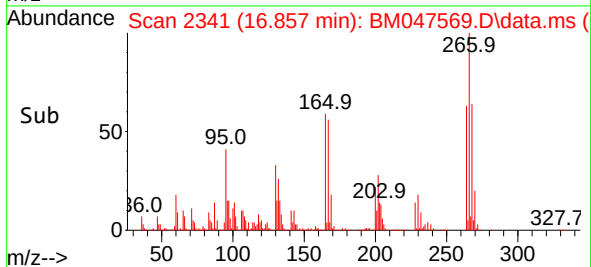
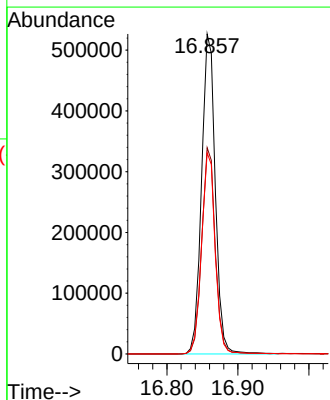
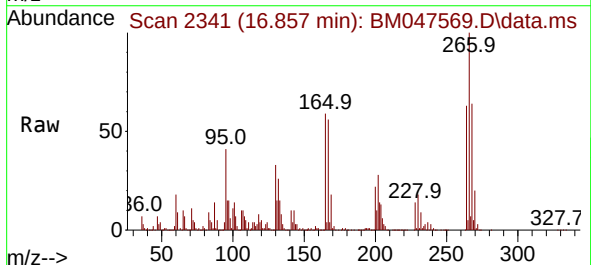
Instrument :
 BNA_M
 ClientSampleId :
 PB163318BSD

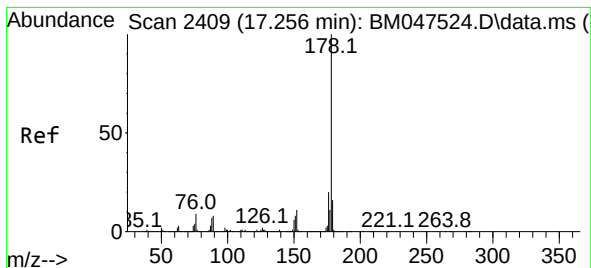
Tgt Ion:200 Resp: 461837
 Ion Ratio Lower Upper
 200 100
 173 28.9 7.7 47.7
 215 47.5 27.9 67.9



#70
 Pentachlorophenol
 Concen: 105.917 ng
 RT: 16.857 min Scan# 2341
 Delta R.T. -0.006 min
 Lab File: BM047569.D
 Acq: 19 Sep 2024 13:54

Tgt Ion:266 Resp: 708658
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.0 76.4
 264 62.8 50.4 75.6





#71

Phenanthrene

Concen: 47.134 ng

RT: 17.251 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

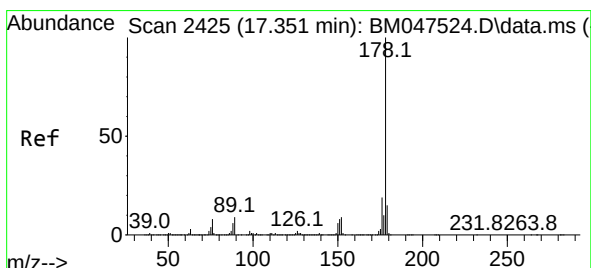
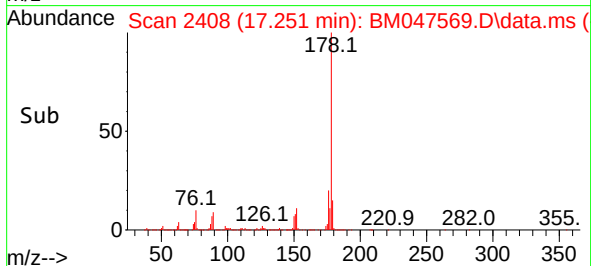
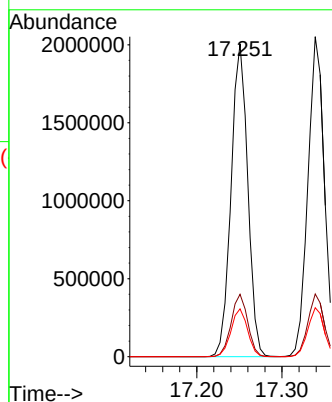
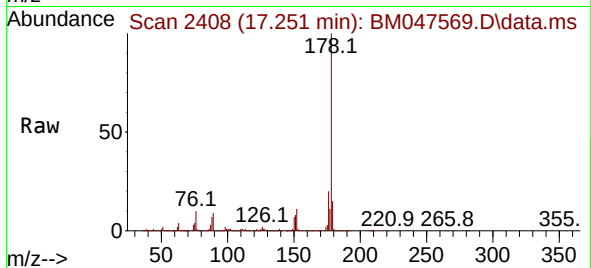
Tgt Ion:178 Resp: 2723635

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 15.3 12.4 18.6



#72

Anthracene

Concen: 49.502 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

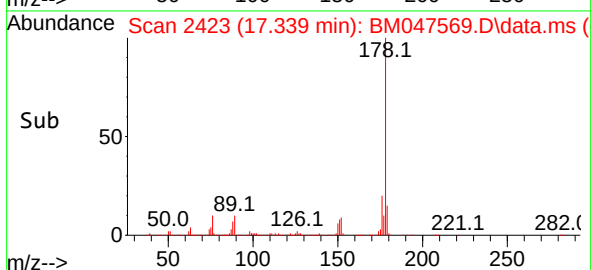
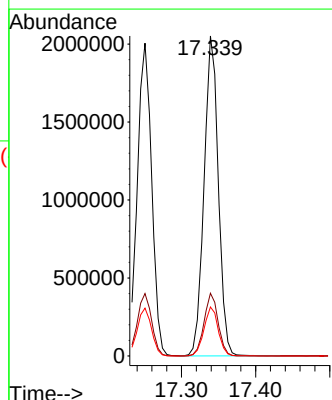
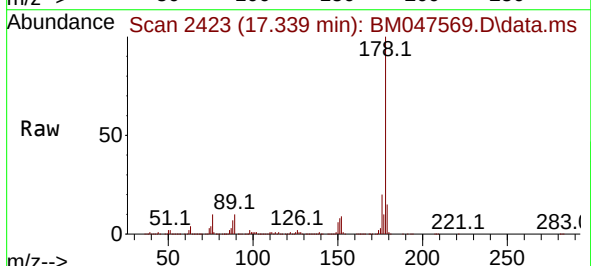
Tgt Ion:178 Resp: 2748272

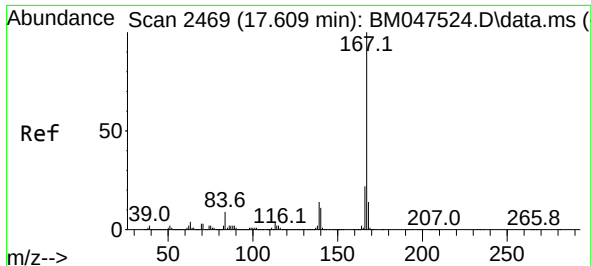
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.3 12.3 18.5

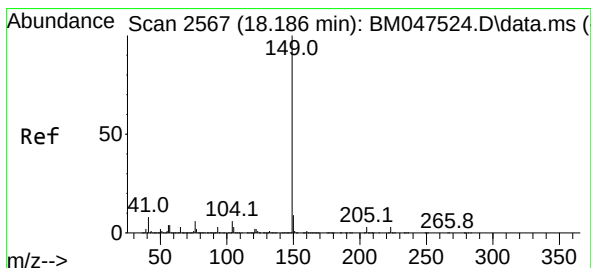
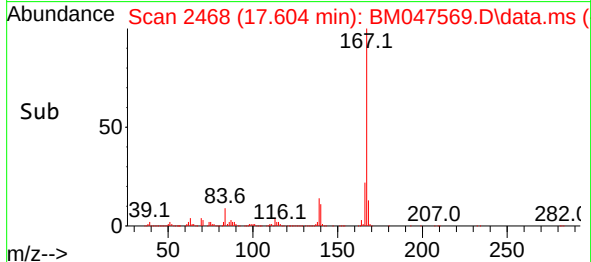
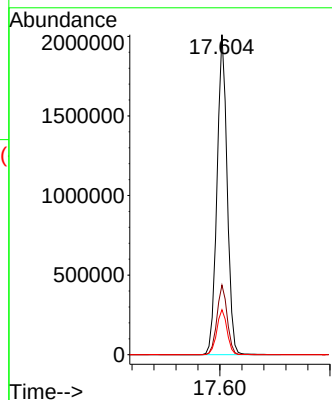
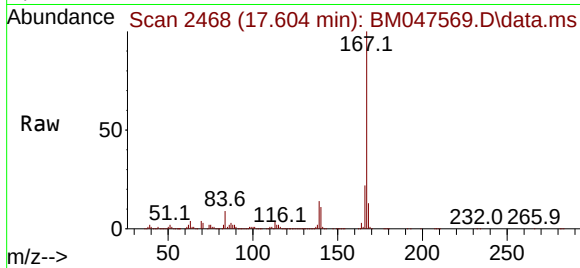




#73
 Carbazole
 Concen: 46.799 ng
 RT: 17.604 min Scan# 2469
 Delta R.T. -0.006 min
 Lab File: BM047569.D
 Acq: 19 Sep 2024 13:54

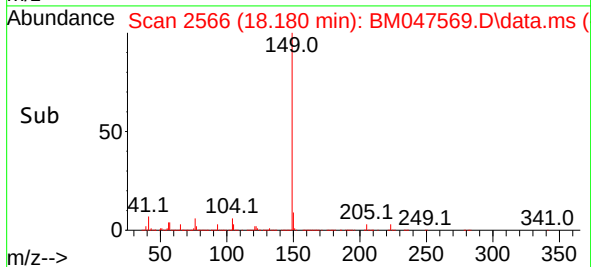
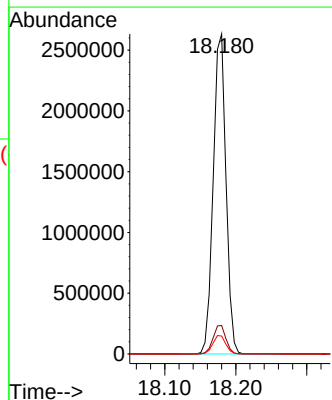
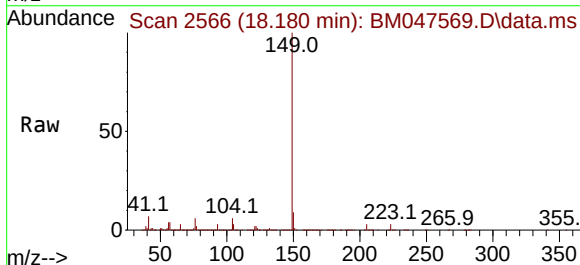
Instrument :
 BNA_M
 ClientSampleId :
 PB163318BSD

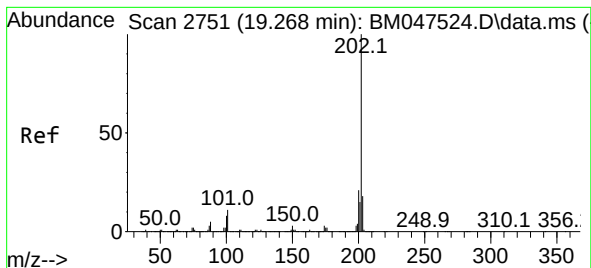
Tgt Ion:167 Resp: 2574886
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 14.1 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 49.847 ng
 RT: 18.180 min Scan# 2566
 Delta R.T. -0.006 min
 Lab File: BM047569.D
 Acq: 19 Sep 2024 13:54

Tgt Ion:149 Resp: 3281482
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.6 4.6 6.8





#75

Fluoranthene

Concen: 43.979 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

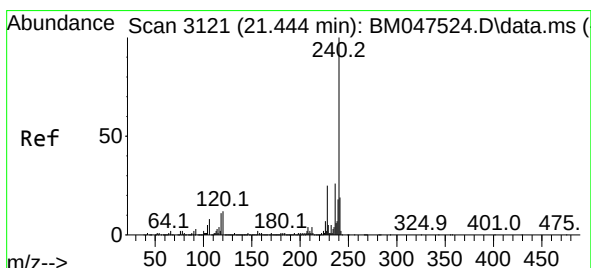
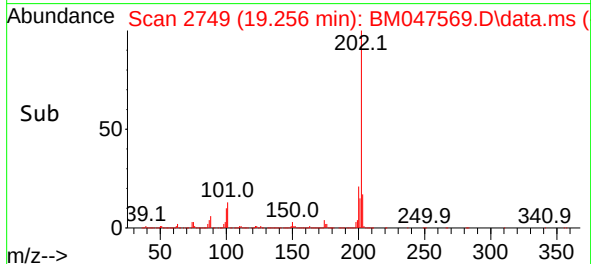
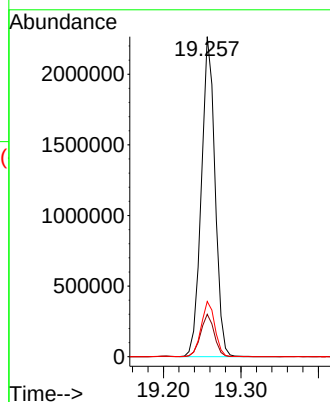
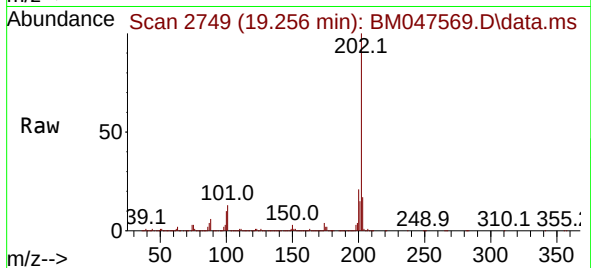
Tgt Ion:202 Resp: 2772764

Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.8

203 17.2 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: BM047569.D

Acq: 19 Sep 2024 13:54

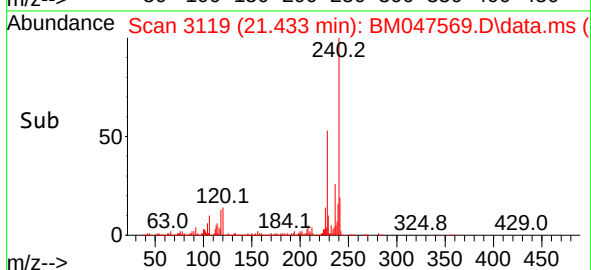
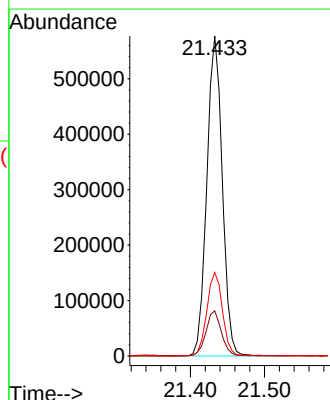
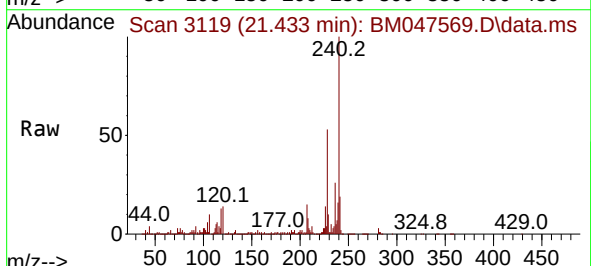
Tgt Ion:240 Resp: 835988

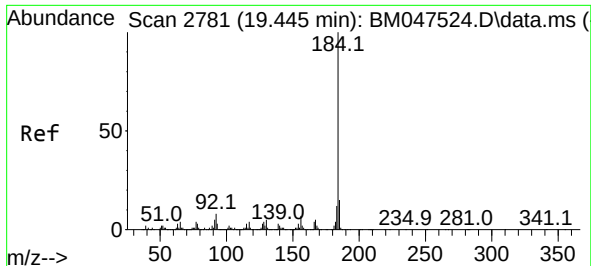
Ion Ratio Lower Upper

240 100

120 14.1 9.6 14.4

236 26.1 20.9 31.3

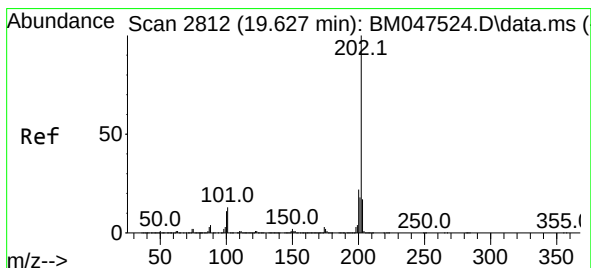
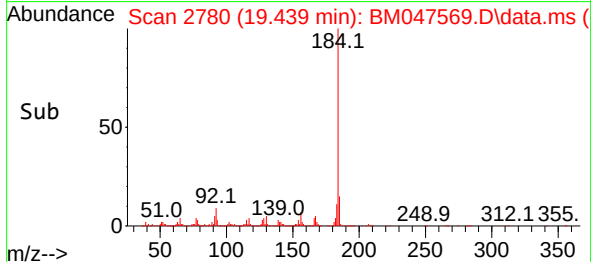
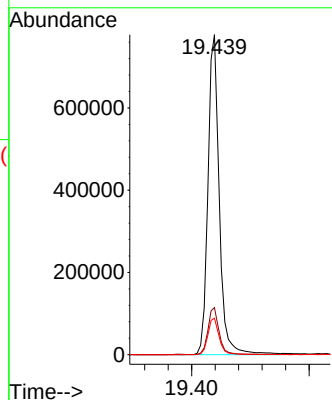
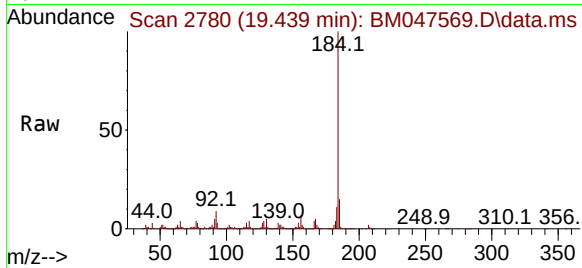




#77
Benzidine
Concen: 88.491 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

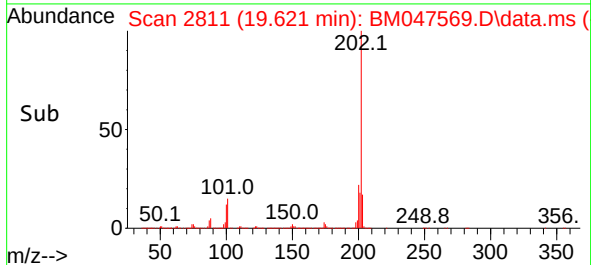
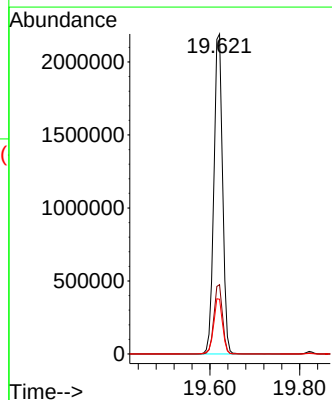
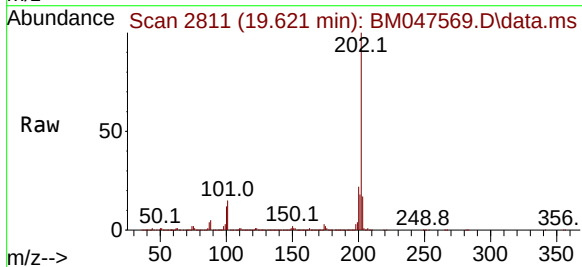
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

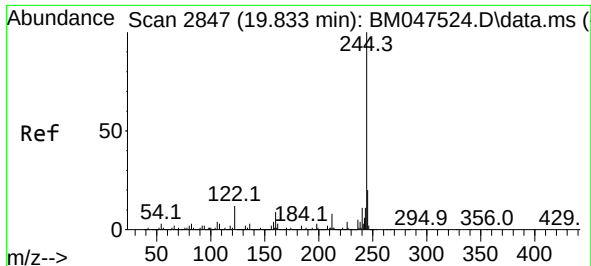
Tgt Ion:184 Resp: 1041881
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 11.4 9.6 14.4



#78
Pyrene
Concen: 48.256 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:202 Resp: 2942597
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.1 14.0 21.0

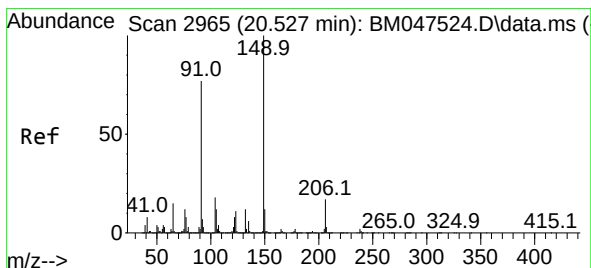
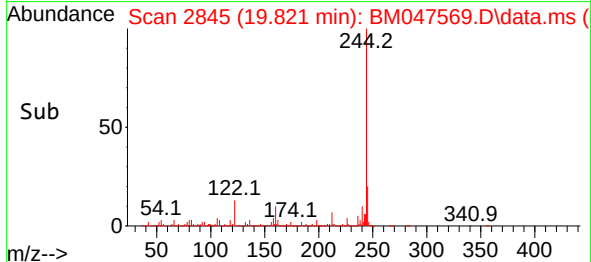
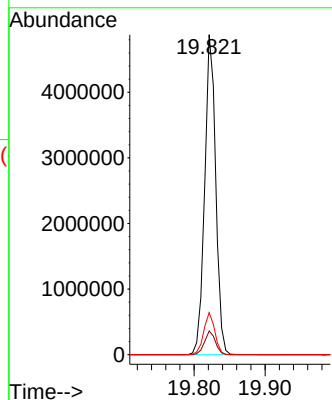
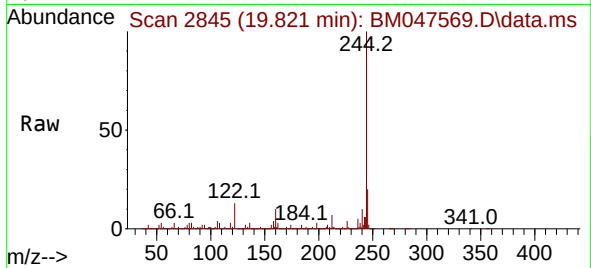




#79
 Terphenyl-d14
 Concen: 113.202 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047569.D
 Acq: 19 Sep 2024 13:54

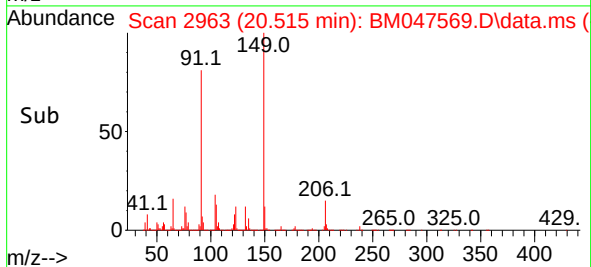
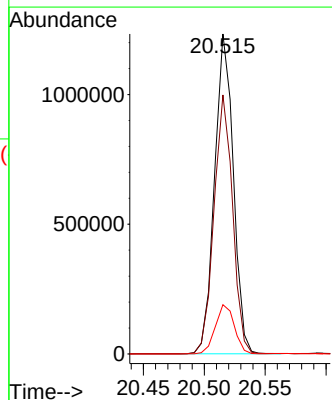
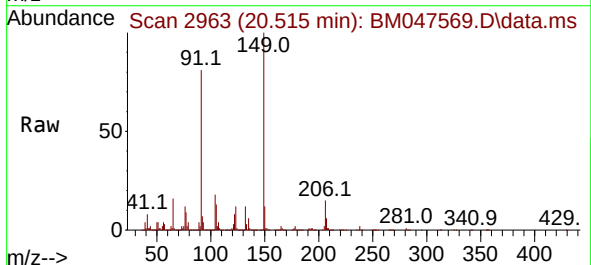
Instrument :
 BNA_M
 ClientSampleId :
 PB163318BSD

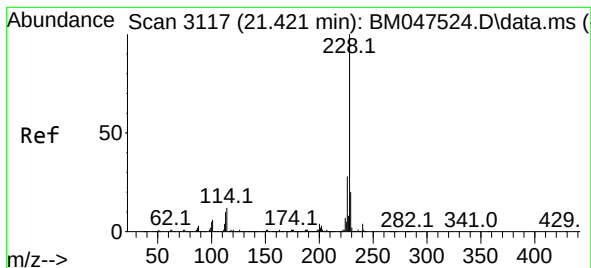
Tgt Ion:244 Resp: 5281167
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 13.1 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 56.247 ng
 RT: 20.515 min Scan# 2963
 Delta R.T. -0.012 min
 Lab File: BM047569.D
 Acq: 19 Sep 2024 13:54

Tgt Ion:149 Resp: 1320356
 Ion Ratio Lower Upper
 149 100
 91 80.9 62.0 93.0
 206 15.4 13.8 20.8





#81

Benzo(a)anthracene

Concen: 49.105 ng

RT: 21.415 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

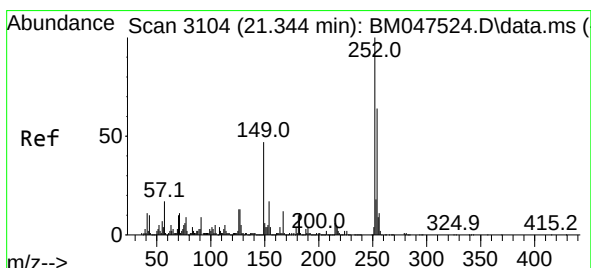
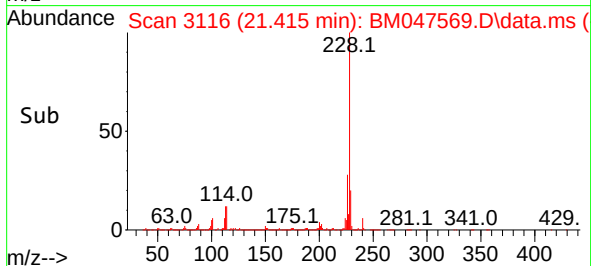
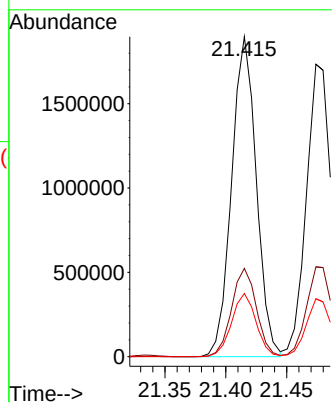
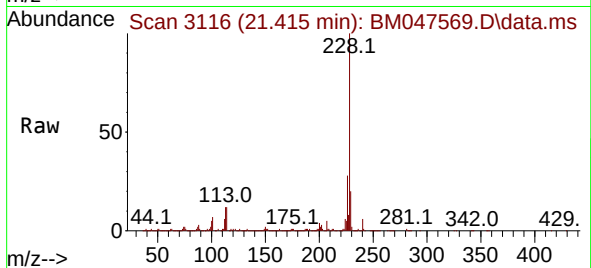
Tgt Ion:228 Resp: 2675714

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 51.351 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

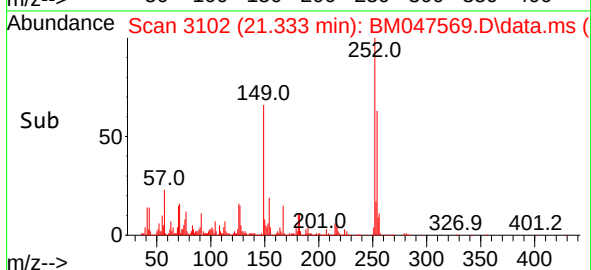
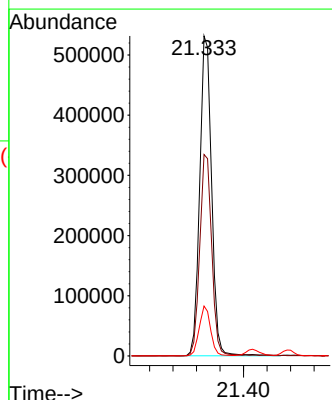
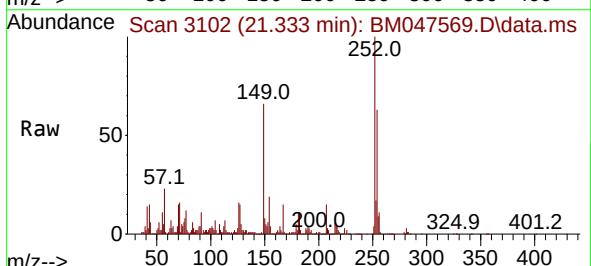
Tgt Ion:252 Resp: 744323

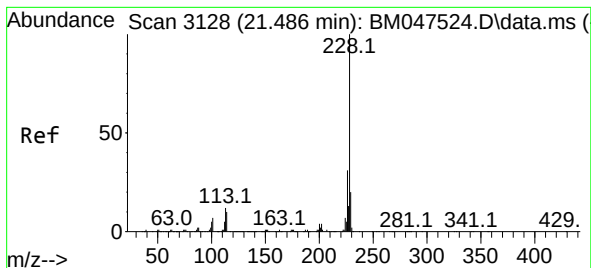
Ion Ratio Lower Upper

252 100

254 63.0 51.5 77.3

126 15.6 10.3 15.5#





#83

Chrysene

Concen: 48.559 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

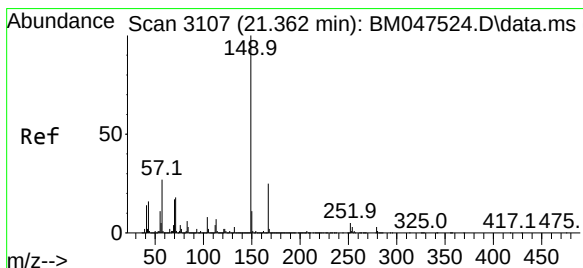
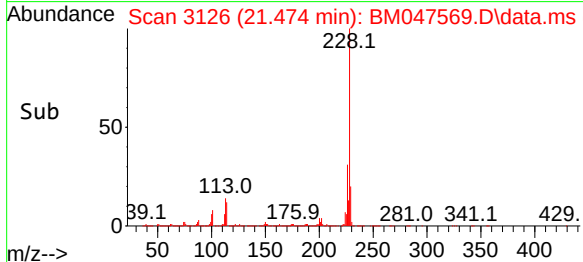
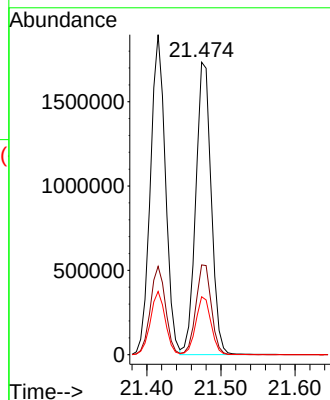
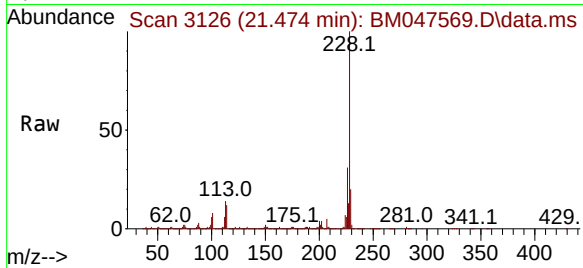
Tgt Ion:228 Resp: 2502737

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.465 ng

RT: 21.345 min Scan# 3104

Delta R.T. -0.017 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

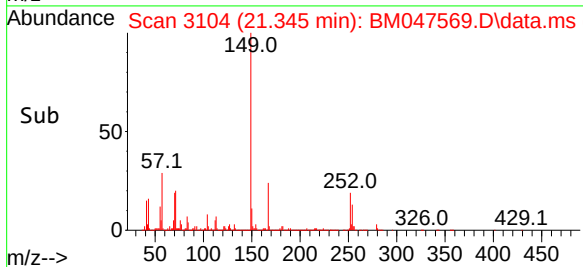
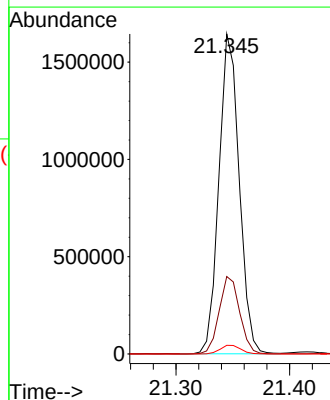
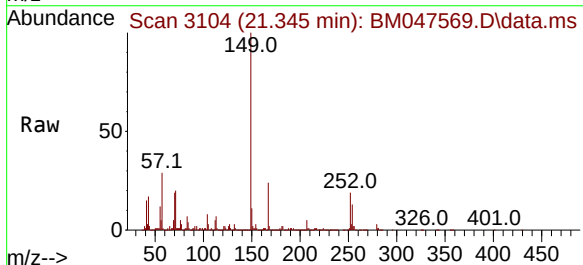
Tgt Ion:149 Resp: 2039617

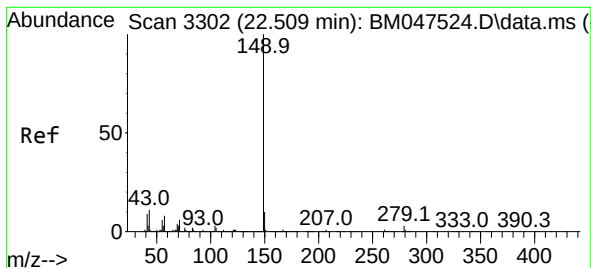
Ion Ratio Lower Upper

149 100

167 24.2 20.2 30.4

279 2.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 61.023 ng

RT: 22.492 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

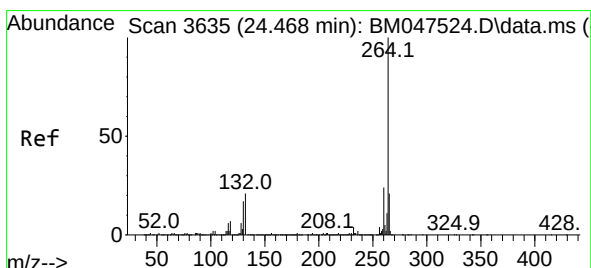
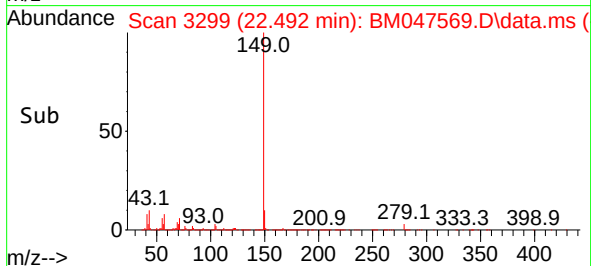
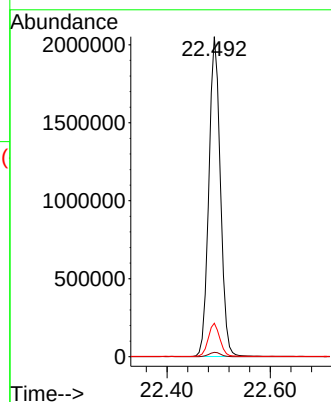
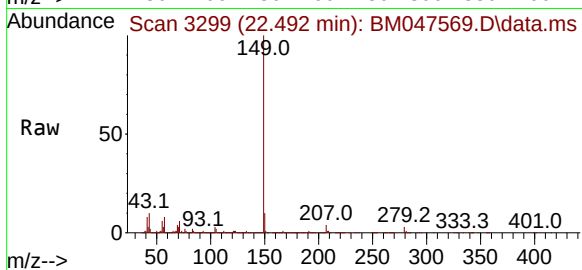
Tgt Ion:149 Resp: 3174143

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 10.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3633

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

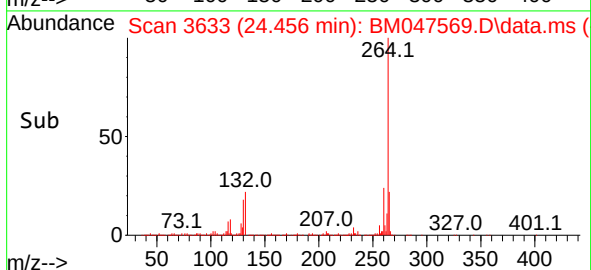
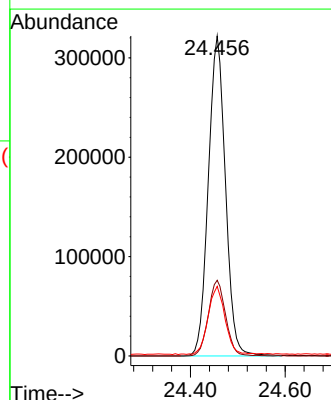
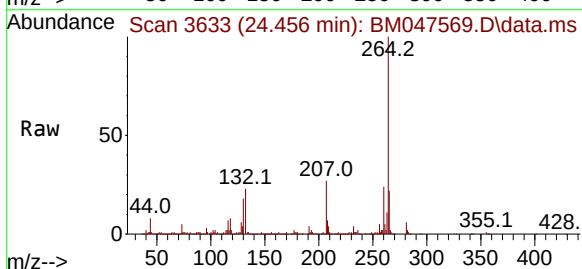
Tgt Ion:264 Resp: 806711

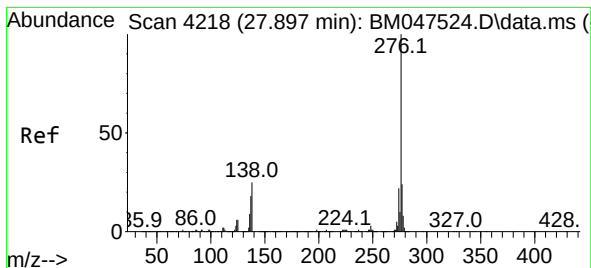
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.640 ng

RT: 27.885 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

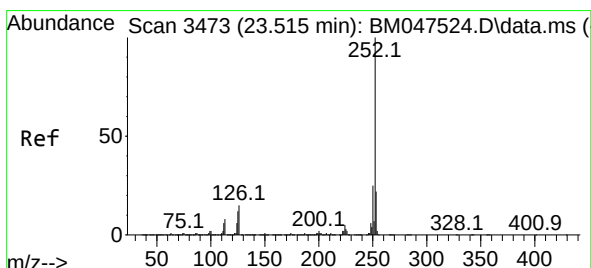
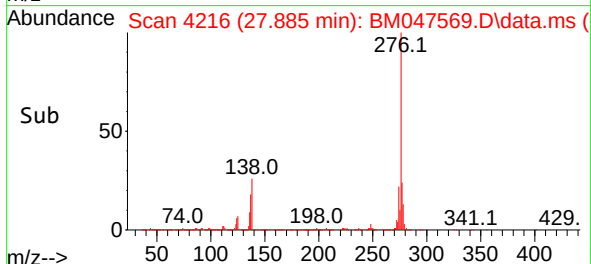
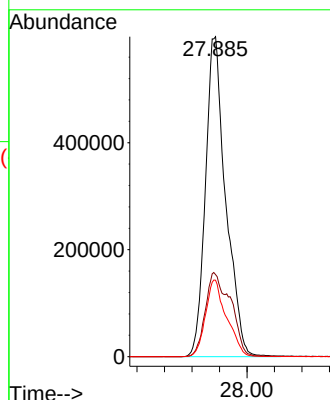
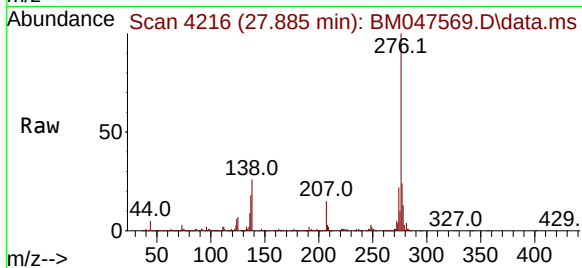
Tgt Ion:276 Resp: 3072358

Ion Ratio Lower Upper

276 100

138 32.7 25.0 37.6

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.105 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

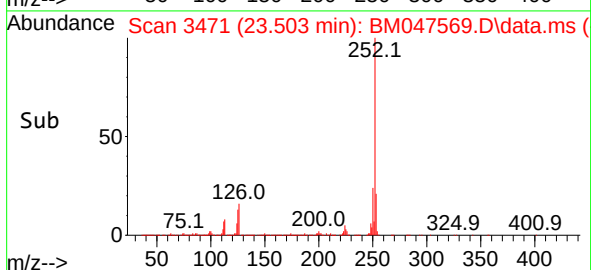
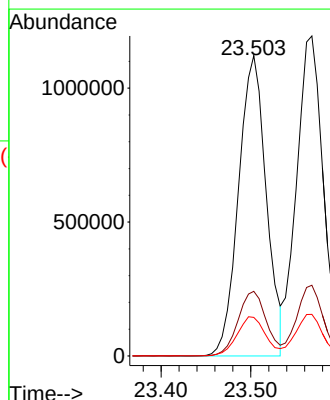
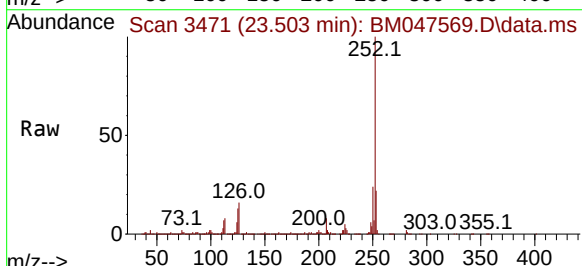
Tgt Ion:252 Resp: 2406481

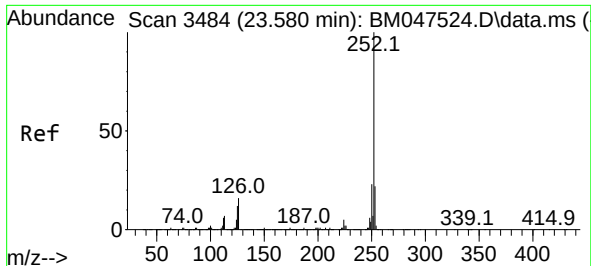
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 12.9 9.5 14.3

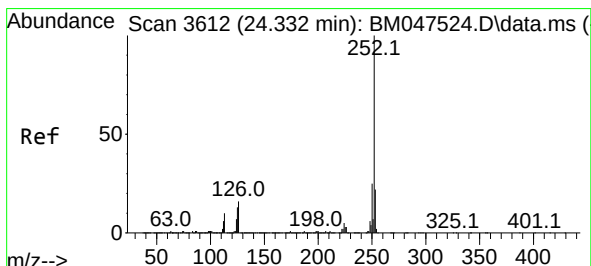
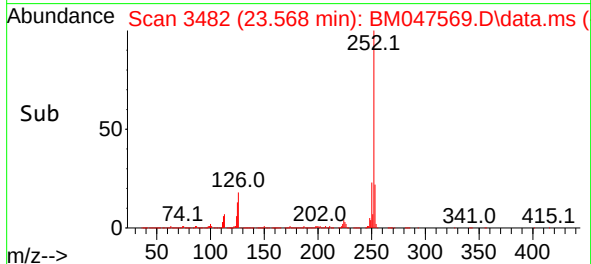
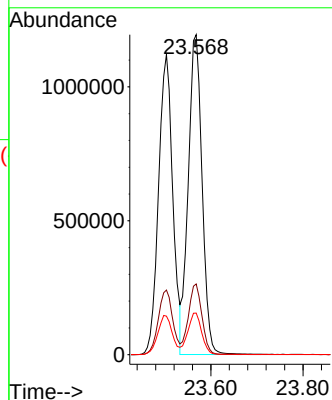
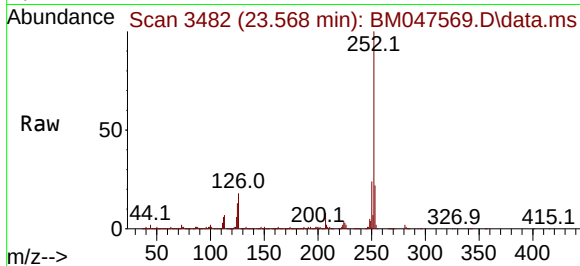




#89
Benzo(k)fluoranthene
Concen: 47.996 ng
RT: 23.568 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

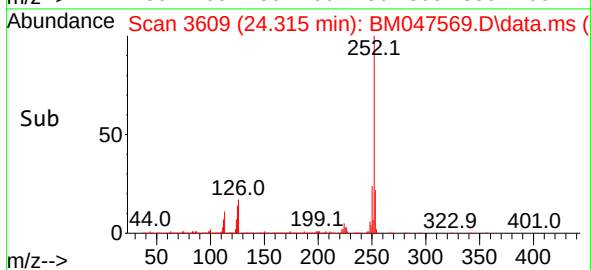
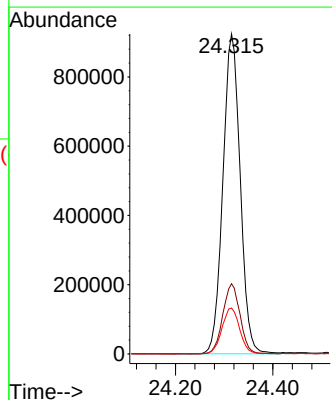
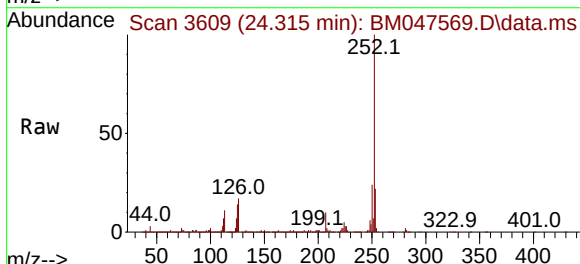
Instrument :
BNA_M
ClientSampleId :
PB163318BSD

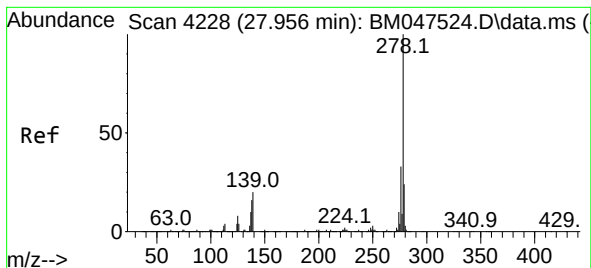
Tgt Ion:252 Resp: 2482785
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 13.0 9.5 14.3



#90
Benzo(a)pyrene
Concen: 53.357 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.017 min
Lab File: BM047569.D
Acq: 19 Sep 2024 13:54

Tgt Ion:252 Resp: 2282601
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 14.3 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 62.958 ng

RT: 27.938 min Scan# 4397

Delta R.T. -0.017 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Instrument :

BNA_M

ClientSampleId :

PB163318BSD

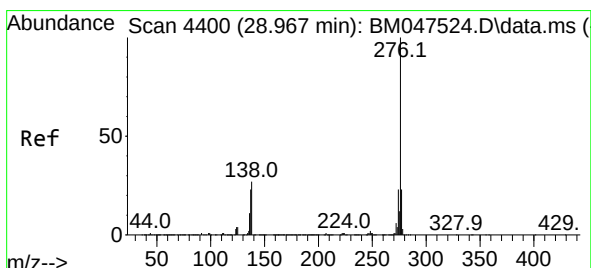
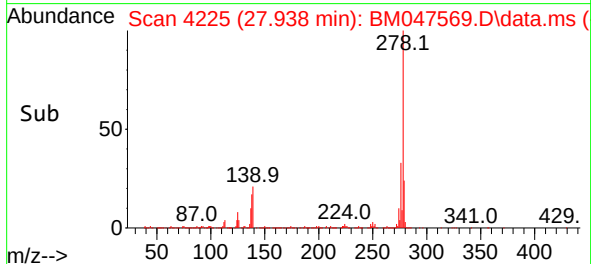
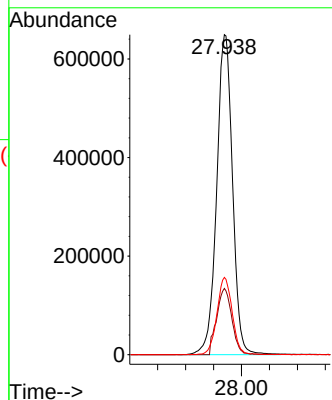
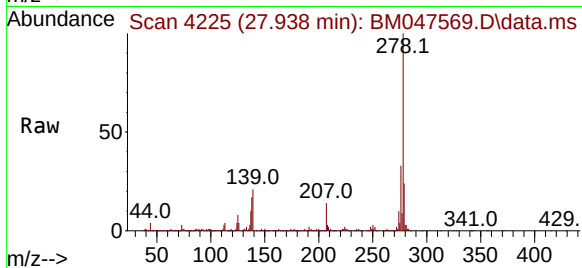
Tgt Ion:278 Resp: 2557213

Ion Ratio Lower Upper

278 100

139 20.7 15.9 23.9

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 58.988 ng

RT: 28.950 min Scan# 4397

Delta R.T. -0.017 min

Lab File: BM047569.D

Acq: 19 Sep 2024 13:54

Tgt Ion:276 Resp: 2340478

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 27.6 21.5 32.3

