

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047568.D
 Acq On : 19 Sep 2024 13:15
 Operator : RC/JU
 Sample : PB163318BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163318BS

Quant Time: Sep 19 13:58:17 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	7.839	152	304822	20.000	ng	-0.01
21) Naphthalene-d8	10.639	136	1201949	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	615193	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1066013	20.000	ng	0.00
76) Chrysene-d12	21.433	240	844898	20.000	ng	-0.01
86) Perylene-d12	24.456	264	808669	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2977701	155.538	ng	0.00
7) Phenol-d6	7.004	99	3778517	140.148	ng	0.00
23) Nitrobenzene-d5	8.992	82	2308971	96.140	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	846795	142.405	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4276289	95.753	ng	-0.01
79) Terphenyl-d14	19.821	244	5250065	111.348	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	319087	38.913	ng	99
3) Pyridine	3.710	79	889857	36.457	ng	97
4) n-Nitrosodimethylamine	3.616	42	449033	40.547	ng	92
6) Aniline	7.163	93	1104091	46.192	ng	100
8) 2-Chlorophenol	7.404	128	956923	45.342	ng	99
9) Benzaldehyde	6.975	77	225755	17.610	ng	99
10) Phenol	7.028	94	1246324	46.168	ng	99
11) bis(2-Chloroethyl)ether	7.263	93	957527	44.181	ng	99
12) 1,3-Dichlorobenzene	7.734	146	986124	42.689	ng	97
13) 1,4-Dichlorobenzene	7.881	146	1008844	42.877	ng	99
14) 1,2-Dichlorobenzene	8.192	146	956357	41.302	ng	99
15) Benzyl Alcohol	8.075	79	832704	45.596	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1308822	42.931	ng	98
17) 2-Methylphenol	8.281	107	767865	44.525	ng	98
18) Hexachloroethane	8.928	117	413357	43.978	ng	95
19) n-Nitroso-di-n-propyla...	8.645	70	750456	41.284	ng	97
20) 3+4-Methylphenols	8.604	107	1051801	43.710	ng	99
22) Acetophenone	8.663	105	1406407	44.507	ng	# 98
24) Nitrobenzene	9.039	77	1087814	44.079	ng	99
25) Isophorone	9.569	82	1883754	44.615	ng	99
26) 2-Nitrophenol	9.745	139	421154	50.080	ng	99
27) 2,4-Dimethylphenol	9.810	122	727014	57.029	ng	99
28) bis(2-Chloroethoxy)met...	10.045	93	1187038	44.757	ng	99
29) 2,4-Dichlorophenol	10.280	162	755002	46.616	ng	98
30) 1,2,4-Trichlorobenzene	10.498	180	756092	40.754	ng	97
31) Naphthalene	10.686	128	2788005	42.949	ng	99
32) Benzoic acid	9.928	122	523714	42.558	ng	99
33) 4-Chloroaniline	10.786	127	664735	28.322	ng	99
34) Hexachlorobutadiene	10.980	225	421556	41.024	ng	99
35) Caprolactam	11.563	113	135144	25.333	ng	93
36) 4-Chloro-3-methylphenol	11.910	107	833110	44.885	ng	97
37) 2-Methylnaphthalene	12.298	142	1830535	42.369	ng	99
38) 1-Methylnaphthalene	12.516	142	1686622	39.283	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	778787	46.783	ng	# 97
41) Hexachlorocyclopentadiene	12.657	237	931901	171.243	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	513517	49.239	ng	99

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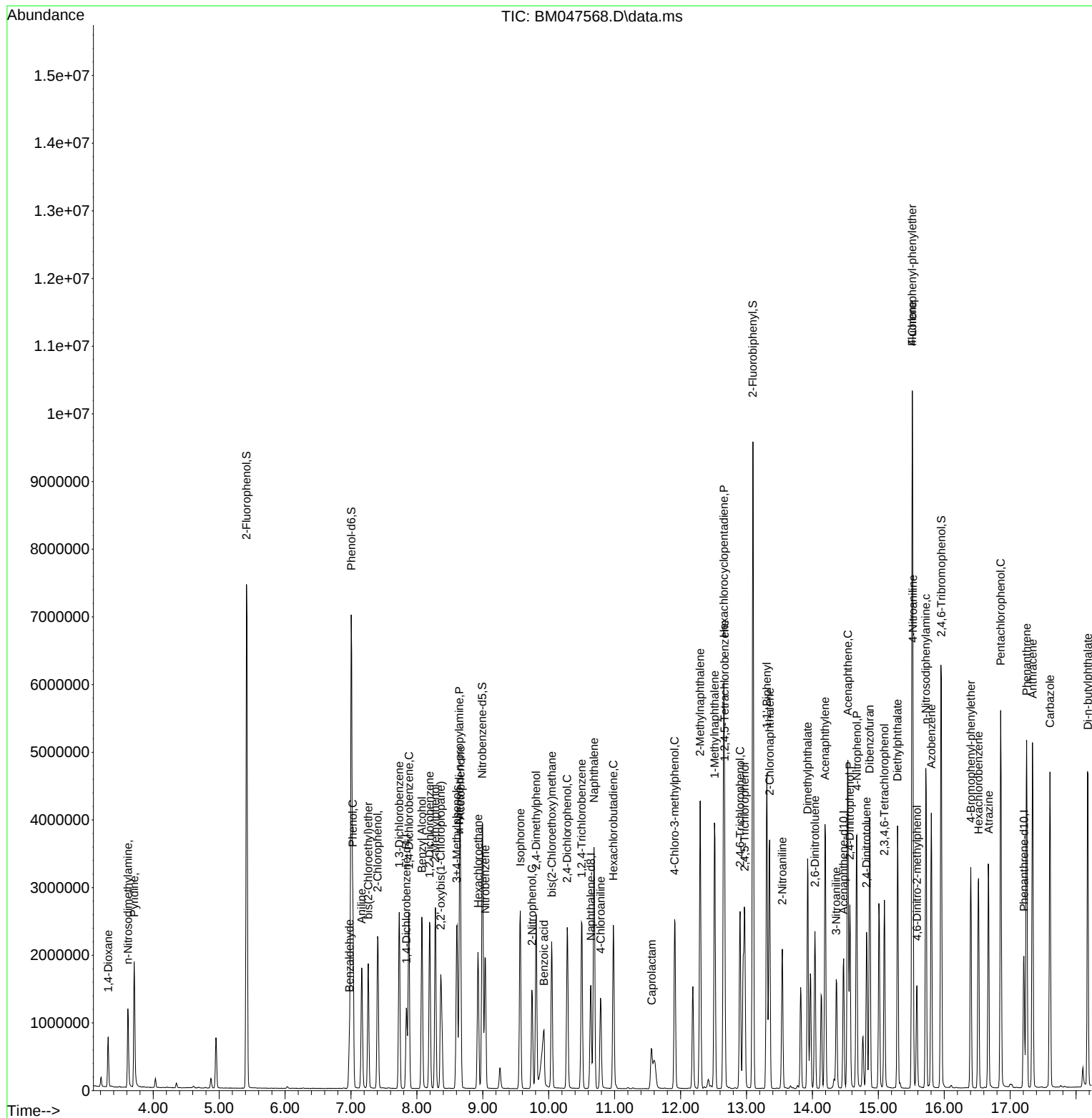
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	561526	47.669	ng	99
46) 1,1'-Biphenyl	13.310	154	2181353	45.573	ng	100
47) 2-Chloronaphthalene	13.351	162	1655276	44.537	ng	99
48) 2-Nitroaniline	13.545	65	542727	49.716	ng	98
49) Acenaphthylene	14.192	152	2642771	49.275	ng	99
50) Dimethylphthalate	13.927	163	1922665	45.854	ng	99
51) 2,6-Dinitrotoluene	14.039	165	391098	44.184	ng	92
52) Acenaphthene	14.539	154	1705461	45.383	ng	99
53) 3-Nitroaniline	14.363	138	363030	36.898	ng	97
54) 2,4-Dinitrophenol	14.568	184	418269	82.737	ng	98
55) Dibenzofuran	14.868	168	2348412	44.471	ng	97
56) 4-Nitrophenol	14.674	139	855296	105.644	ng	96
57) 2,4-Dinitrotoluene	14.821	165	541739	45.889	ng	94
58) Fluorene	15.515	166	2064805	43.429	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	426009	46.385	ng	95
60) Diethylphthalate	15.292	149	2017759	45.216	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	910211	41.870	ng	97
62) 4-Nitroaniline	15.527	138	505374	43.698	ng	97
63) Azobenzene	15.804	77	2344863	47.721	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	240735	44.884	ng	96
66) n-Nitrosodiphenylamine	15.721	169	1575610	48.315	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	455967	44.020	ng	97
68) Hexachlorobenzene	16.521	284	523759	44.635	ng	98
69) Atrazine	16.674	200	463991	51.477	ng	99
70) Pentachlorophenol	16.857	266	709776	104.346	ng	100
71) Phenanthrene	17.251	178	2739821	46.637	ng	100
72) Anthracene	17.339	178	2777929	49.217	ng	100
73) Carbazole	17.604	167	2587365	46.256	ng	99
74) Di-n-butylphthalate	18.180	149	3345257	49.983	ng	100
75) Fluoranthene	19.256	202	2800166	43.686	ng	97
77) Benzidine	19.439	184	1057298	88.854	ng	99
78) Pyrene	19.621	202	3005093	48.761	ng	100
80) Butylbenzylphthalate	20.515	149	1341786	56.558	ng	96
81) Benzo(a)anthracene	21.415	228	2677135	48.613	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	737815	50.365	ng	98
83) Chrysene	21.474	228	2522781	48.432	ng	99
84) Bis(2-ethylhexyl)phtha...	21.344	149	2065319	55.572	ng	# 98
85) Di-n-octyl phthalate	22.491	149	3210329	61.068	ng	98
87) Indeno(1,2,3-cd)pyrene	27.879	276	3081058	63.665	ng	99
88) Benzo(b)fluoranthene	23.503	252	2436128	46.560	ng	98
89) Benzo(k)fluoranthene	23.562	252	2478620	47.799	ng	98
90) Benzo(a)pyrene	24.315	252	2289428	53.387	ng	99
91) Dibenzo(a,h)anthracene	27.944	278	2538011	62.334	ng	99
92) Benzo(g,h,i)perylene	28.944	276	2345773	58.978	ng	98

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

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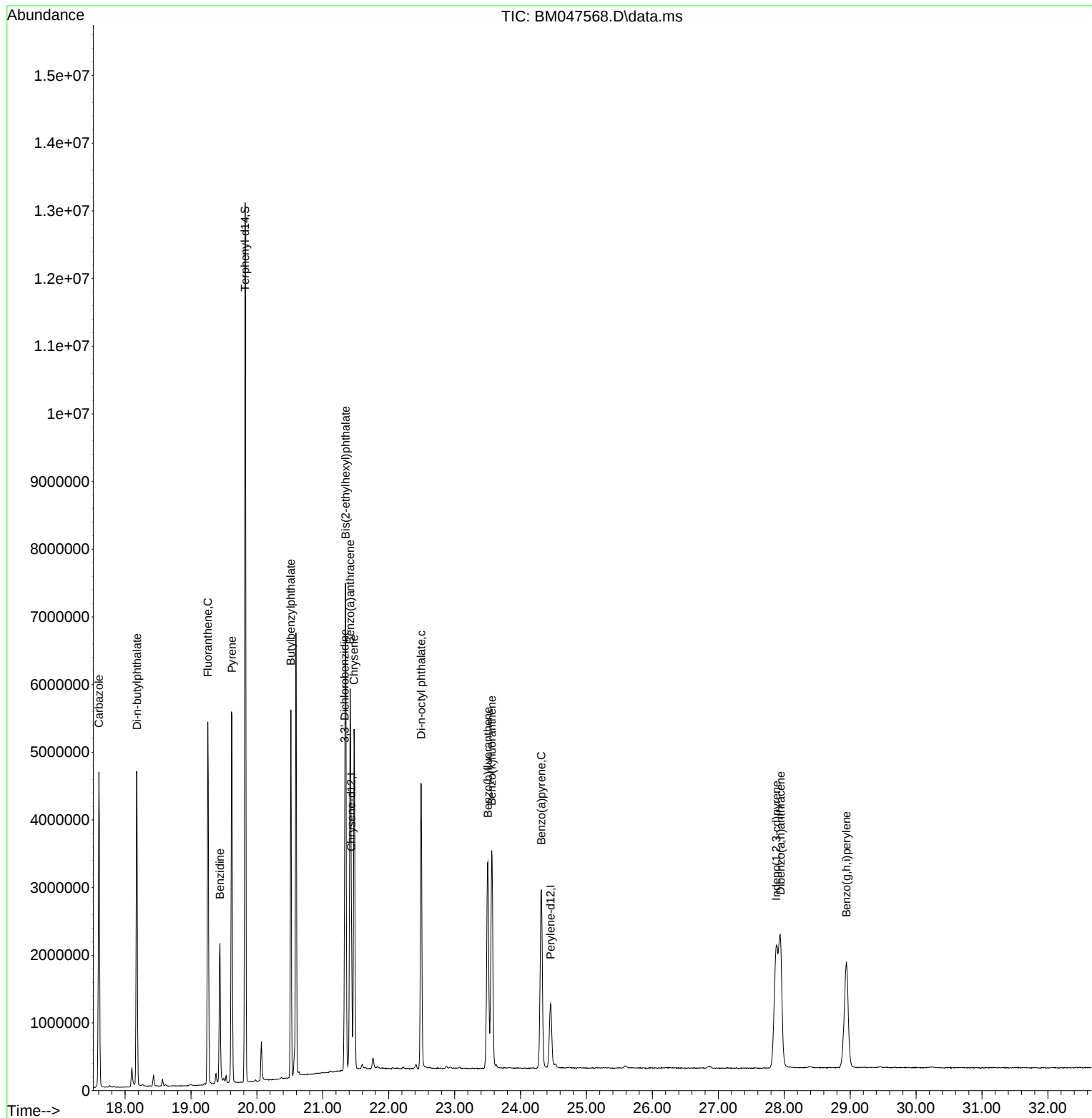
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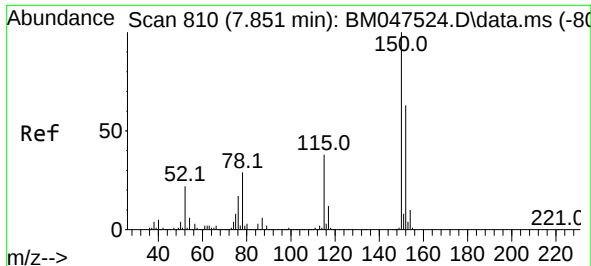


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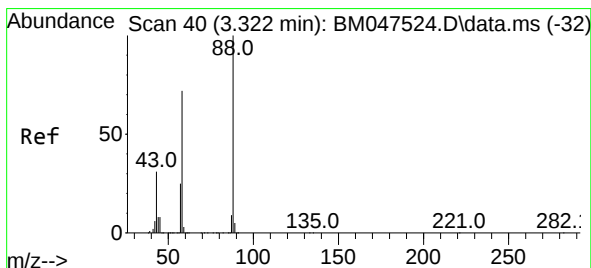
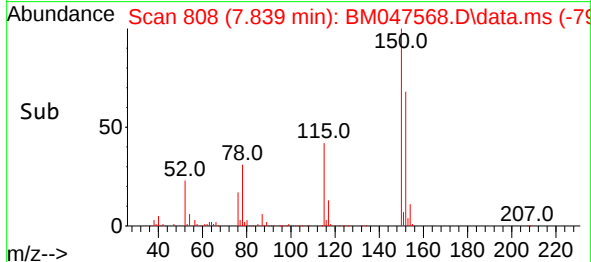
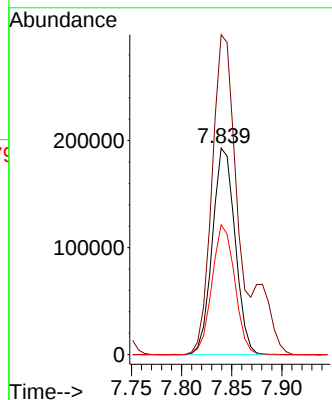
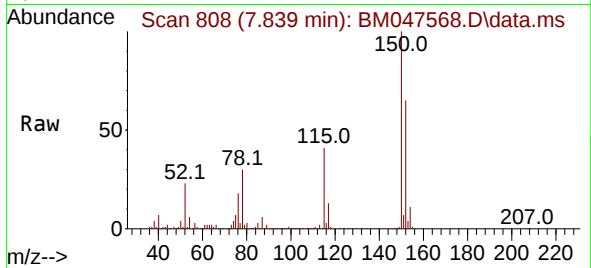




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047568.D
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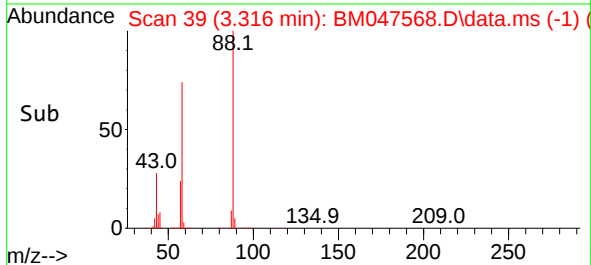
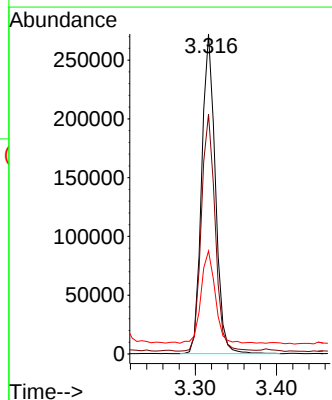
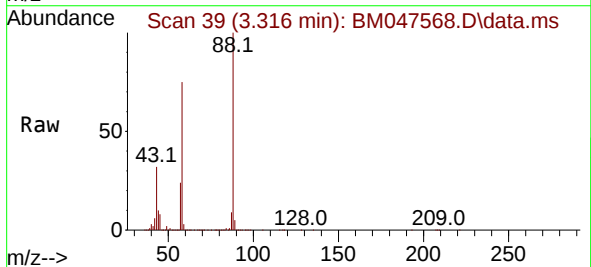
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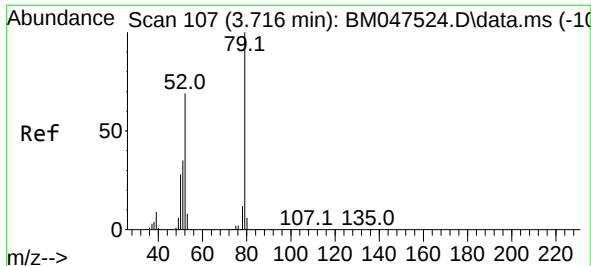
Tgt Ion:152 Resp: 304822
Ion Ratio Lower Upper
152 100
150 155.0 126.8 190.2
115 62.9 47.8 71.8



#2
1,4-Dioxane
Concen: 38.913 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 88 Resp: 319087
Ion Ratio Lower Upper
88 100
58 74.7 59.0 88.6
43 30.0 25.0 37.4

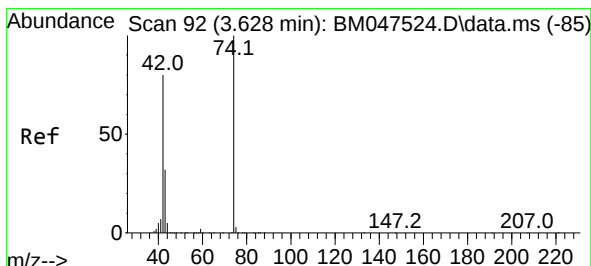
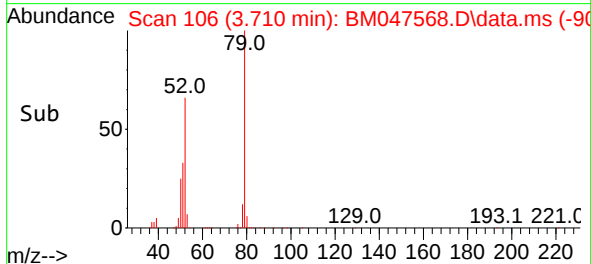
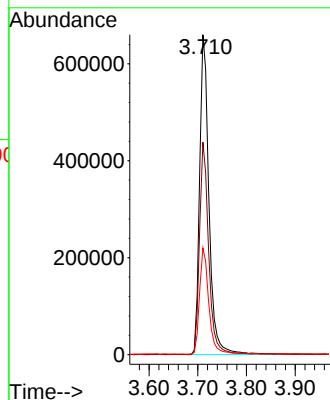
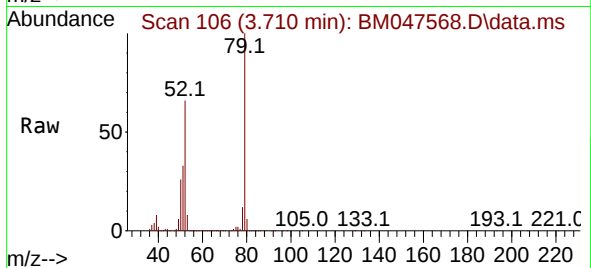




#3
Pyridine
Concen: 36.457 ng
RT: 3.710 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

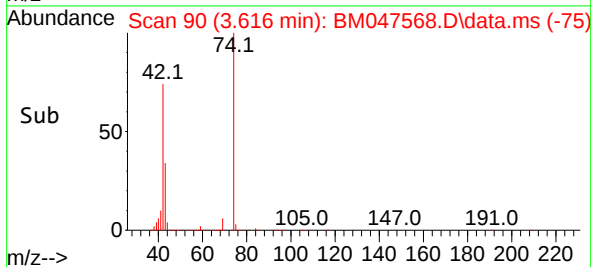
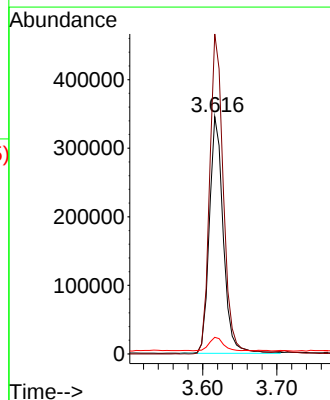
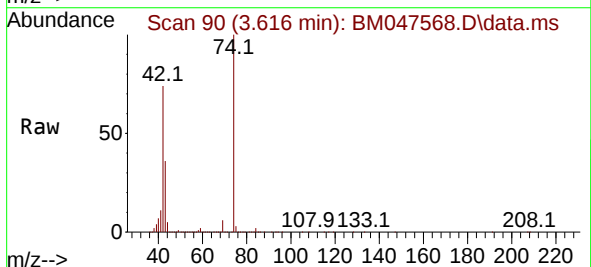
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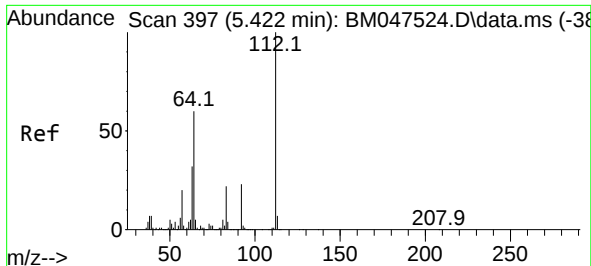
Tgt Ion: 79 Resp: 889857
Ion Ratio Lower Upper
79 100
52 66.4 55.4 83.0
51 33.4 27.9 41.9



#4
n-Nitrosodimethylamine
Concen: 40.547 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM047568.D
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Tgt Ion: 42 Resp: 449033
Ion Ratio Lower Upper
42 100
74 134.9 100.5 150.7
44 7.0 6.9 10.3

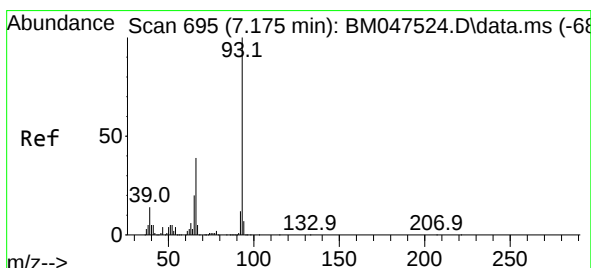
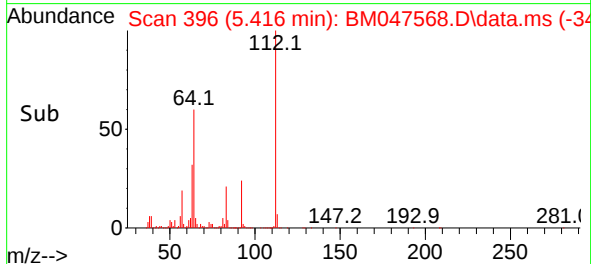
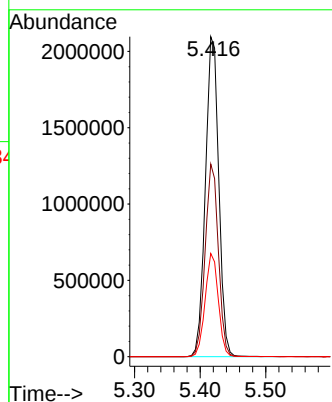
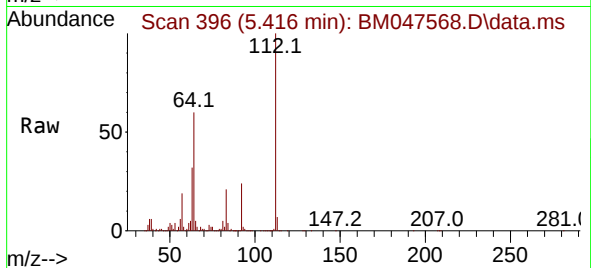




#5
2-Fluorophenol
Concen: 155.538 ng
RT: 5.416 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM047568.D
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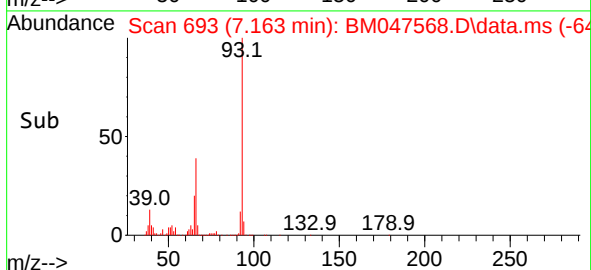
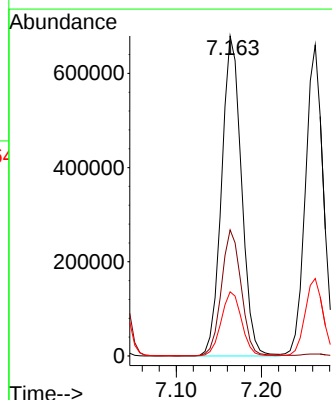
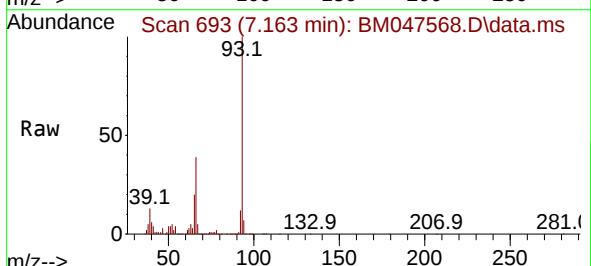
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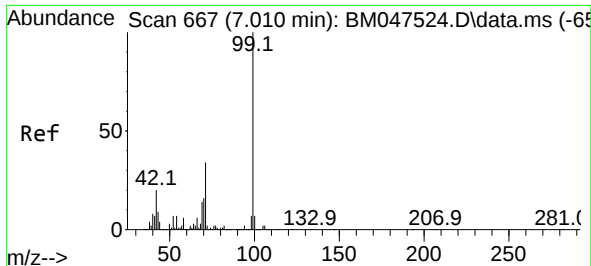
Tgt Ion:112 Resp: 2977701
Ion Ratio Lower Upper
112 100
64 60.2 48.2 72.4
63 32.3 26.0 39.0



#6
Aniline
Concen: 46.192 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 93 Resp: 1104091
Ion Ratio Lower Upper
93 100
66 39.4 31.4 47.0
65 20.1 16.3 24.5

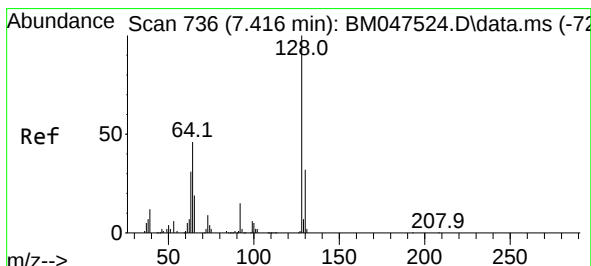
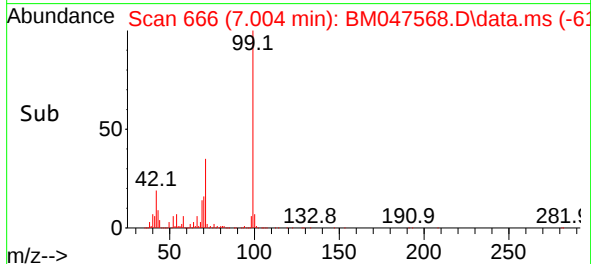
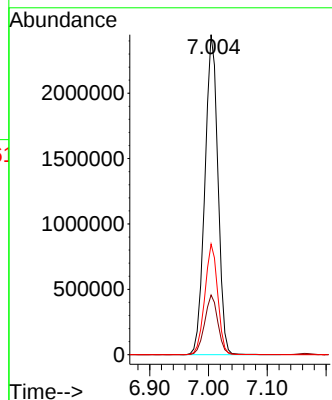
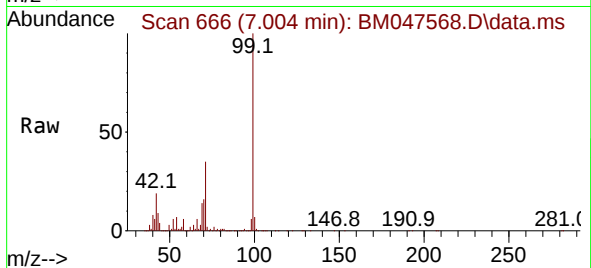




#7
Phenol-d6
Concen: 140.148 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

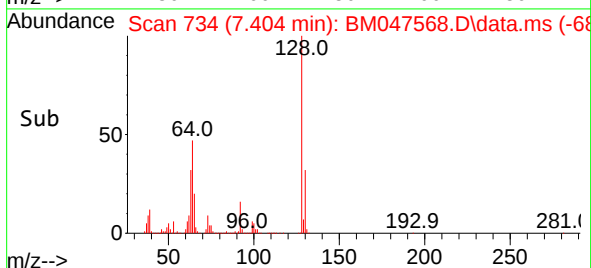
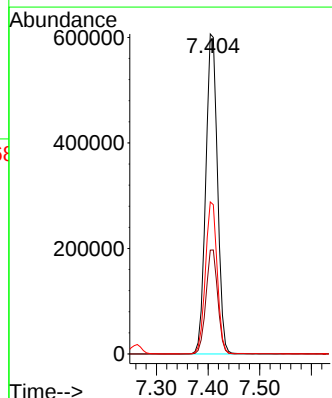
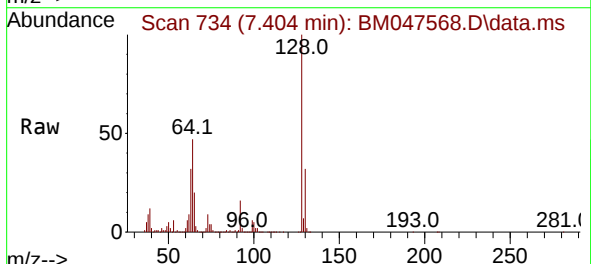
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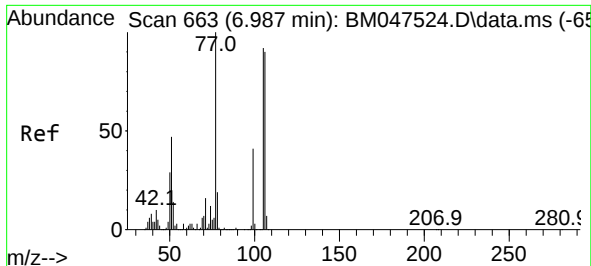
Tgt Ion: 99 Resp: 3778517
Ion Ratio Lower Upper
99 100
42 18.6 15.8 23.8
71 34.6 27.6 41.4



#8
2-Chlorophenol
Concen: 45.342 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.012 min
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Tgt Ion:128 Resp: 956923
Ion Ratio Lower Upper
128 100
130 32.4 11.8 51.8
64 47.5 27.6 67.6

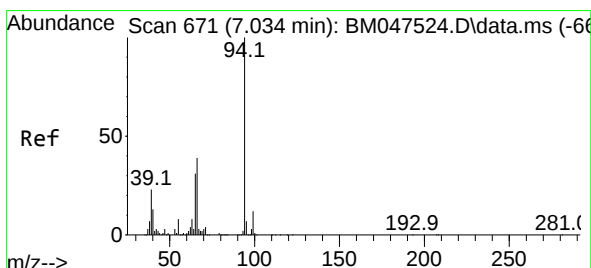
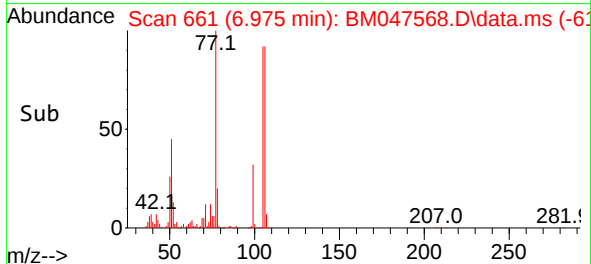
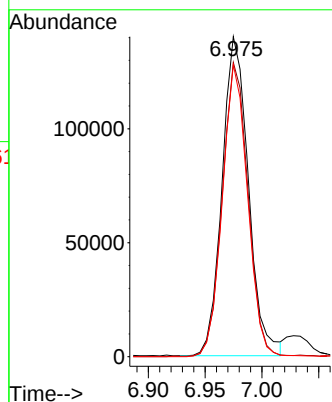
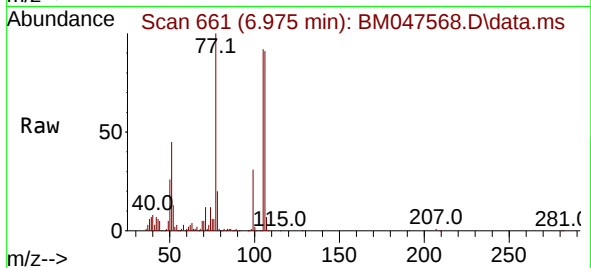




#9
Benzaldehyde
Concen: 17.610 ng
RT: 6.975 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM047568.D
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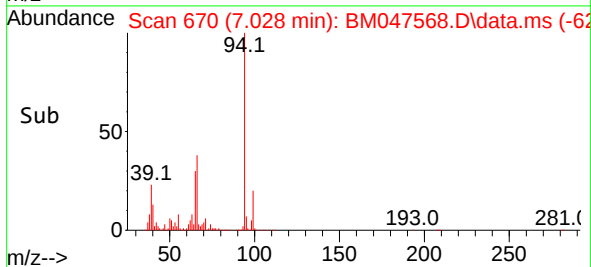
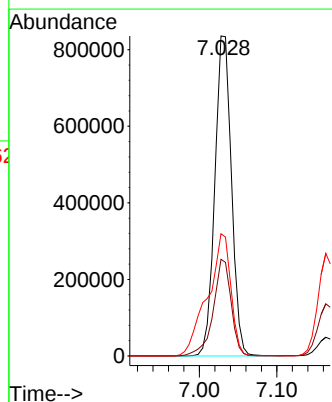
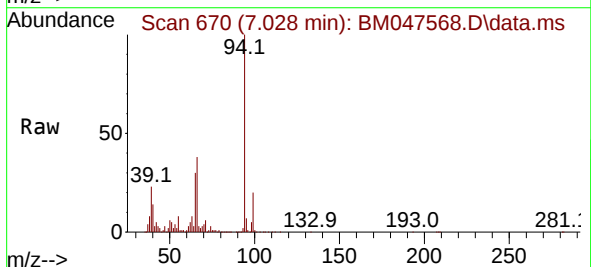
Instrument :
BNA_M
ClientSampleId :
PB163318BS

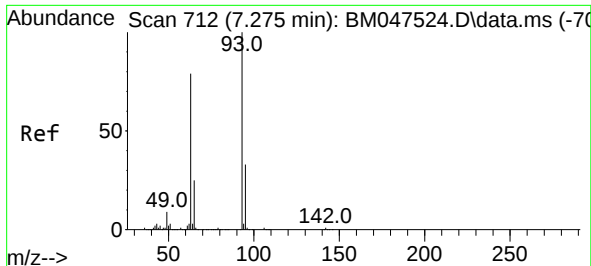
Tgt Ion: 77 Resp: 225755
Ion Ratio Lower Upper
77 100
105 91.9 71.8 111.8
106 91.3 69.7 109.7



#10
Phenol
Concen: 46.168 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 94 Resp: 1246324
Ion Ratio Lower Upper
94 100
65 30.2 10.8 50.8
66 38.2 19.2 59.2

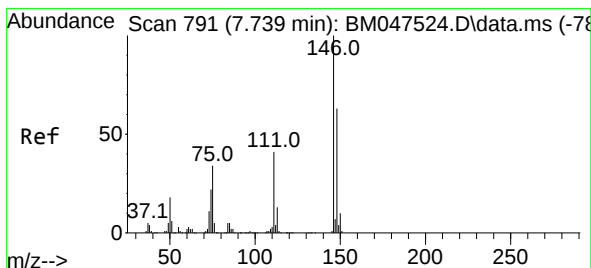
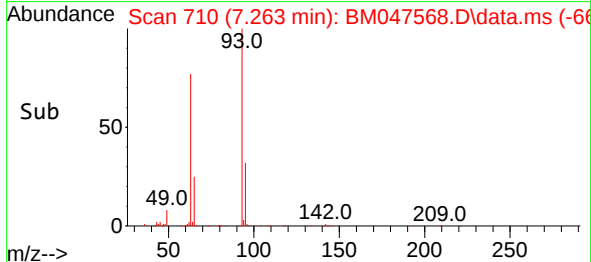
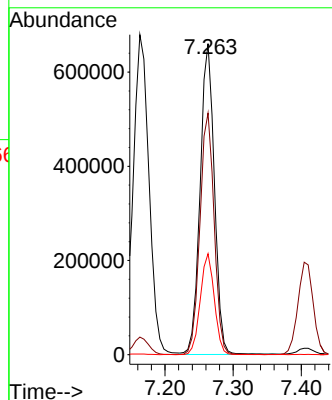
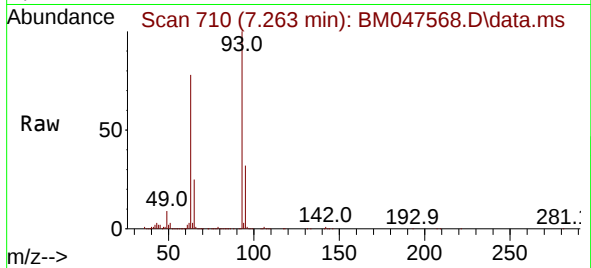




#11
bis(2-Chloroethyl)ether
Concen: 44.181 ng
RT: 7.263 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

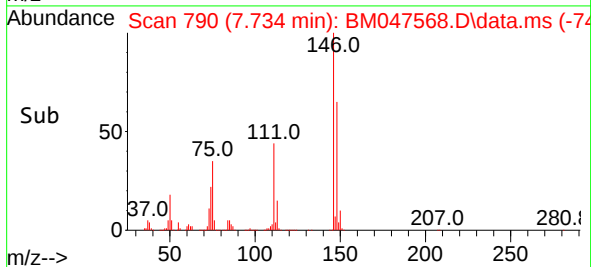
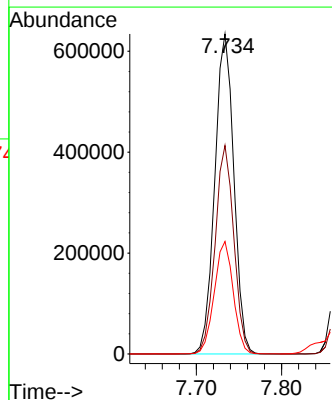
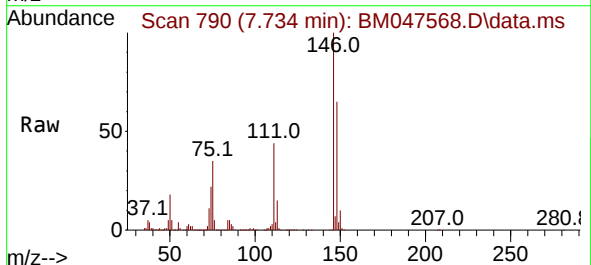
Instrument :
BNA_M
ClientSampleId :
PB163318BS

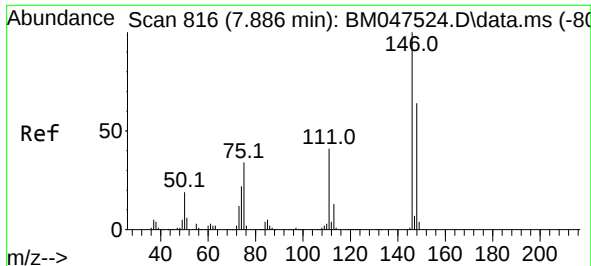
Tgt Ion: 93 Resp: 957527
Ion Ratio Lower Upper
93 100
63 77.6 58.2 98.2
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.689 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 146 Resp: 986124
Ion Ratio Lower Upper
146 100
148 65.2 50.2 75.4
75 35.2 27.4 41.0

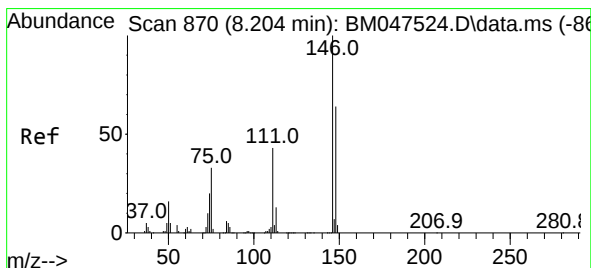
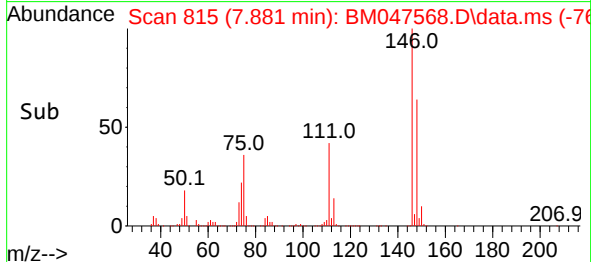
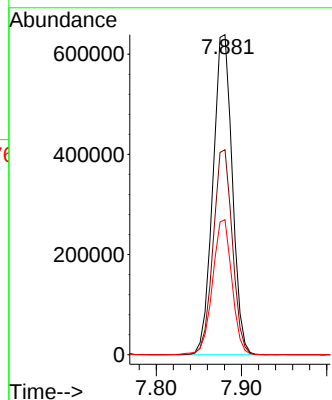
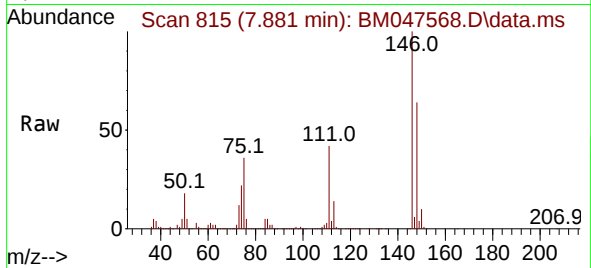




#13
1,4-Dichlorobenzene
Concen: 42.877 ng
RT: 7.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

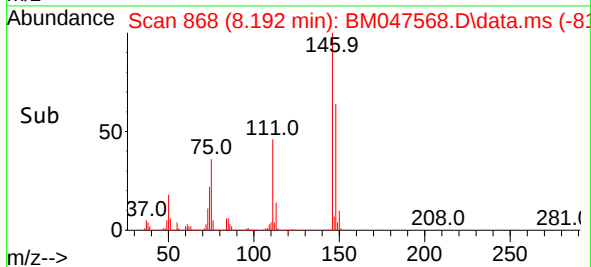
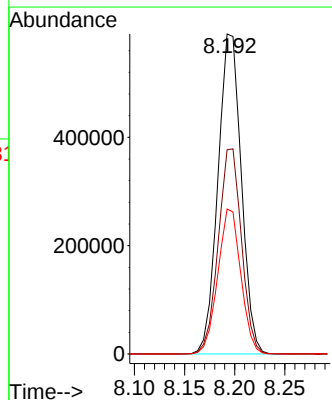
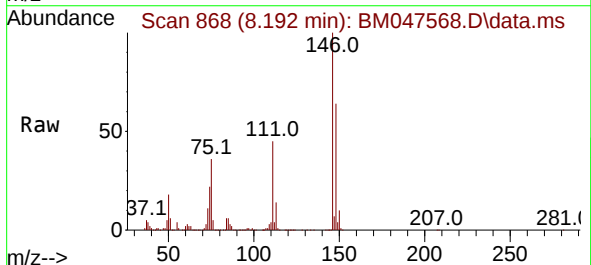
Instrument :
BNA_M
ClientSampleId :
PB163318BS

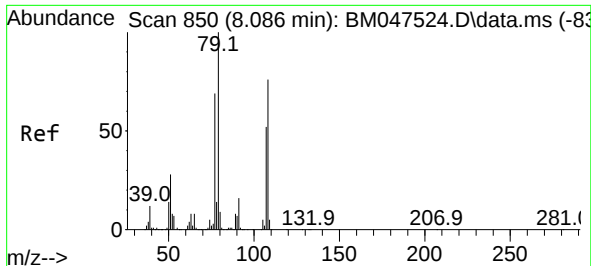
Tgt Ion:146 Resp: 1008844
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 42.2 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 41.302 ng
RT: 8.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:146 Resp: 956357
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 45.3 34.7 52.1

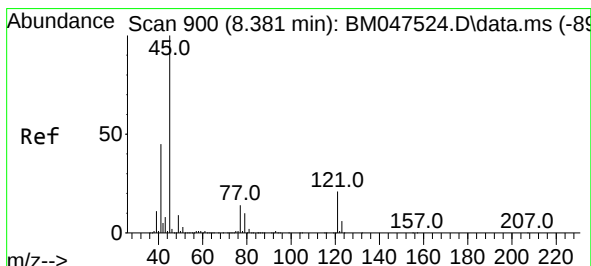
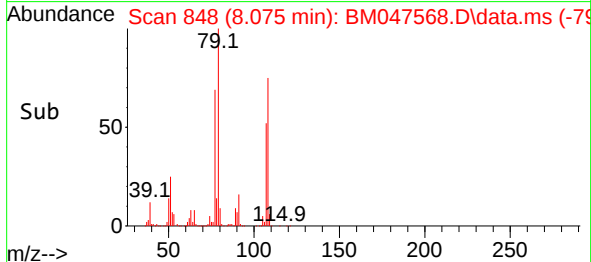
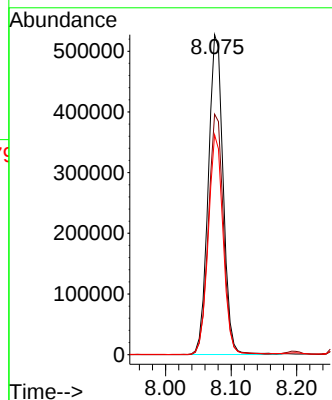
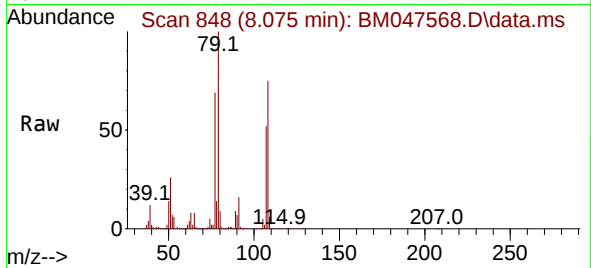




#15
Benzyl Alcohol
Concen: 45.596 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

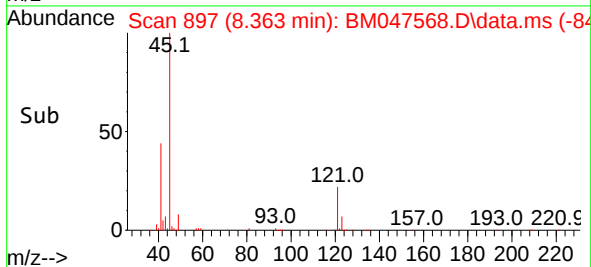
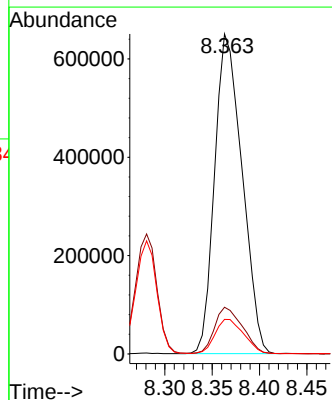
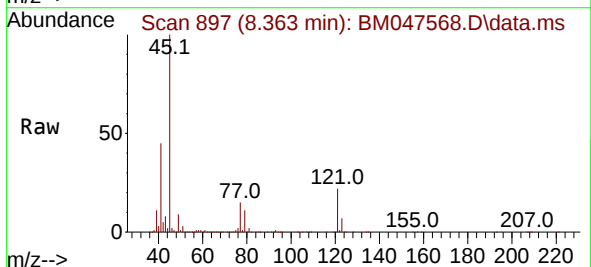
Instrument :
BNA_M
ClientSampleId :
PB163318BS

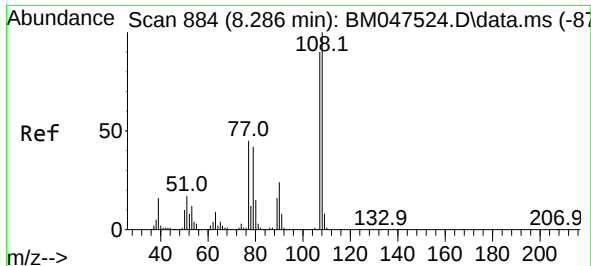
Tgt Ion: 79 Resp: 832704
Ion Ratio Lower Upper
79 100
108 75.1 60.6 91.0
77 68.7 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.931 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 45 Resp: 1308822
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.7
79 10.8 0.0 30.3





#17

2-Methylphenol

Concen: 44.525 ng

RT: 8.281 min Scan# 884

Delta R.T. -0.006 min

Lab File: BM047568.D

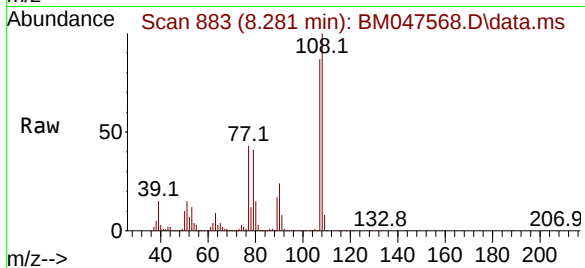
Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS



Tgt Ion:107 Resp: 767865

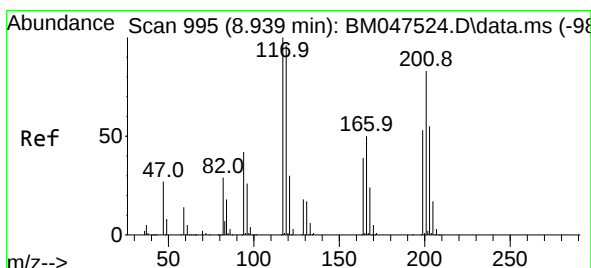
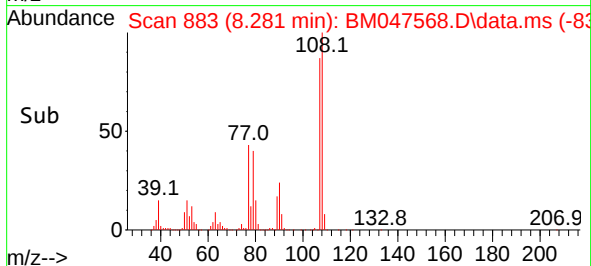
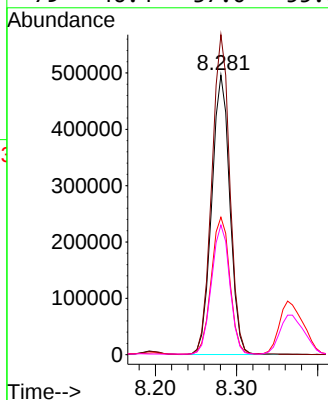
Ion Ratio Lower Upper

107 100

108 114.5 88.9 133.3

77 49.2 39.8 59.8

79 46.4 37.0 55.6



#18

Hexachloroethane

Concen: 43.978 ng

RT: 8.928 min Scan# 993

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

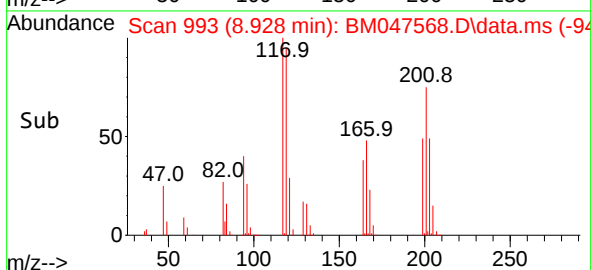
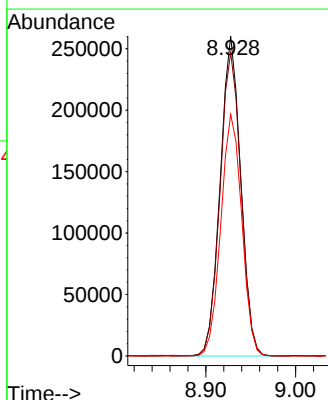
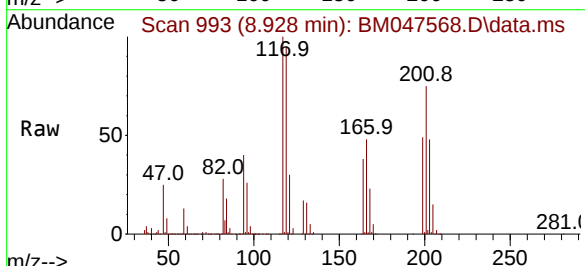
Tgt Ion:117 Resp: 413357

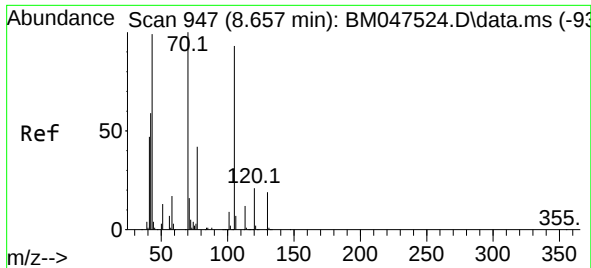
Ion Ratio Lower Upper

117 100

119 94.8 77.0 115.4

201 75.4 66.8 100.2

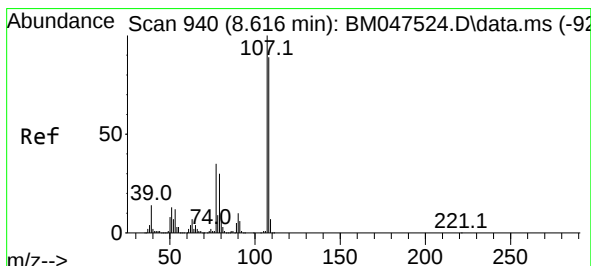
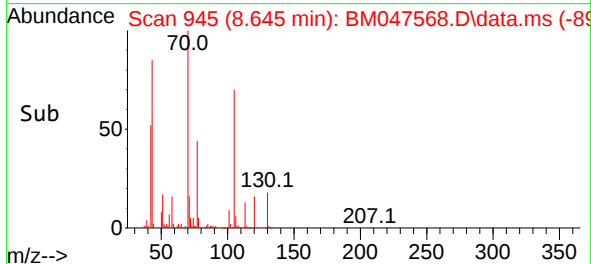
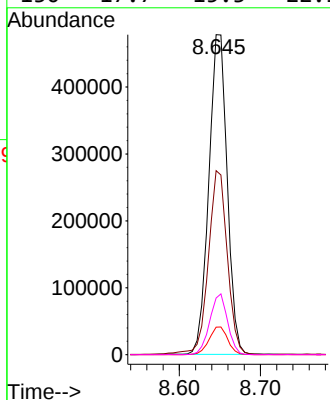
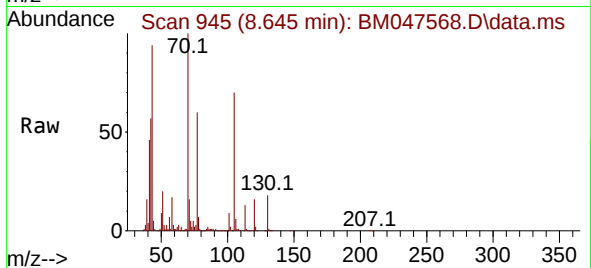




#19
n-Nitroso-di-n-propylamine
Concen: 41.284 ng
RT: 8.645 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

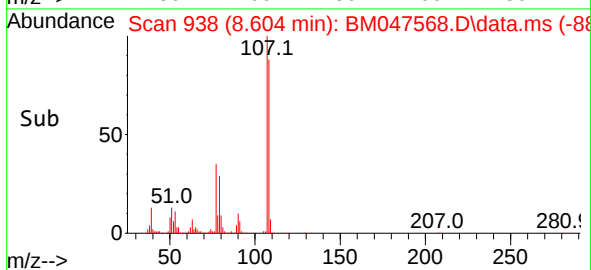
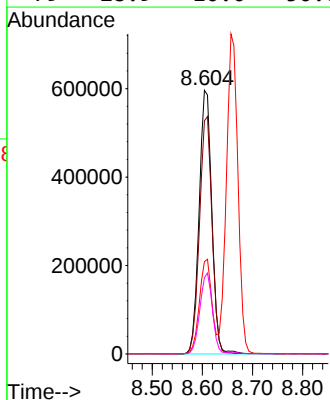
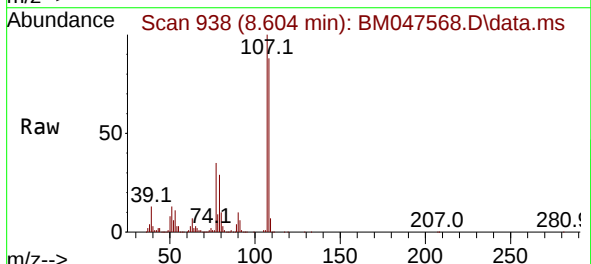
Instrument :
BNA_M
ClientSampleId :
PB163318BS

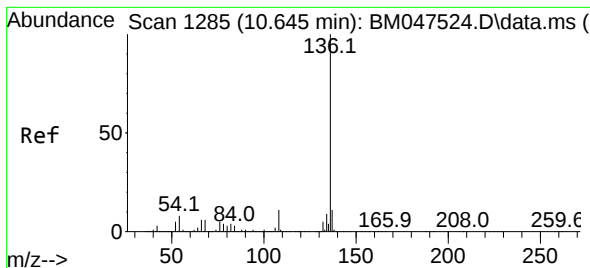
Tgt Ion:	70	Resp:	750456
Ion	Ratio	Lower	Upper
70	100		
42	57.5	48.2	72.2
101	8.6	7.0	10.4
130	17.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 43.710 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:	107	Resp:	1051801
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.9	108.9
77	35.0	15.5	55.5
79	28.9	10.0	50.0

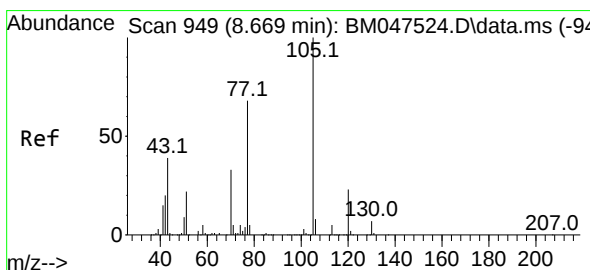
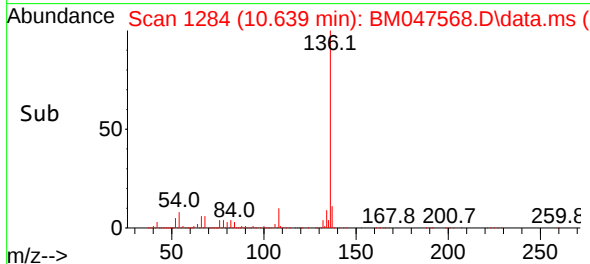
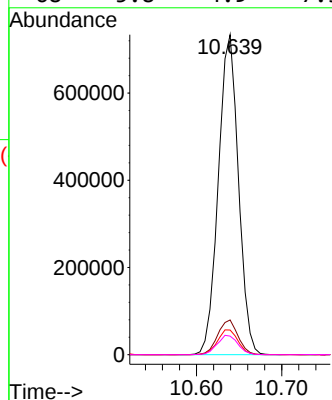
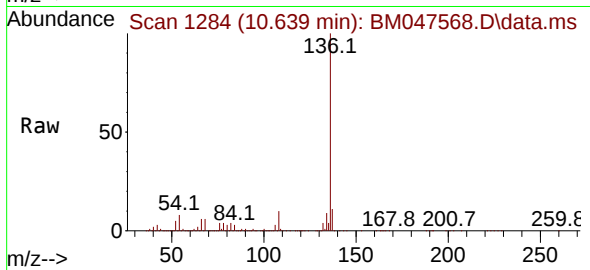




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

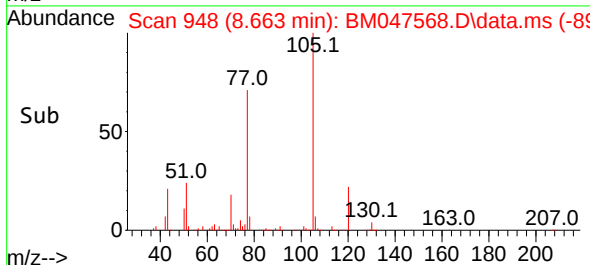
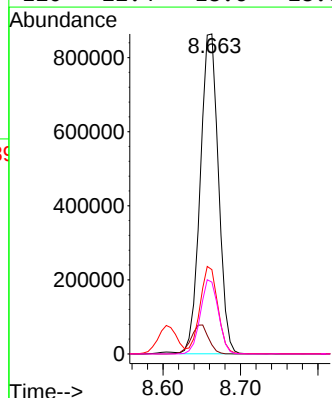
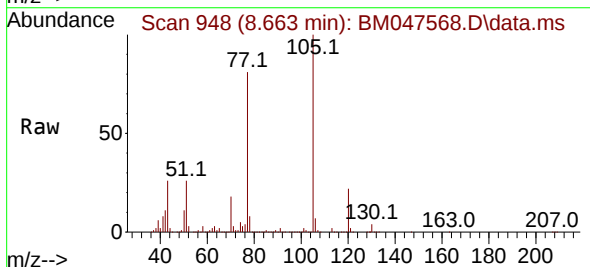
Instrument :
BNA_M
ClientSampleId :
PB163318BS

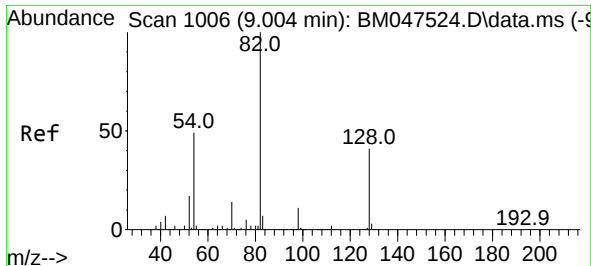
Tgt Ion:136 Resp: 1201949
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.7 6.6 9.8
68 5.8 4.9 7.3



#22
Acetophenone
Concen: 44.507 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:105 Resp: 1406407
Ion Ratio Lower Upper
105 100
71 2.8 4.3 6.5#
51 26.3 21.5 32.3
120 22.4 18.6 28.0





#23

Nitrobenzene-d5

Concen: 96.140 ng

RT: 8.992 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

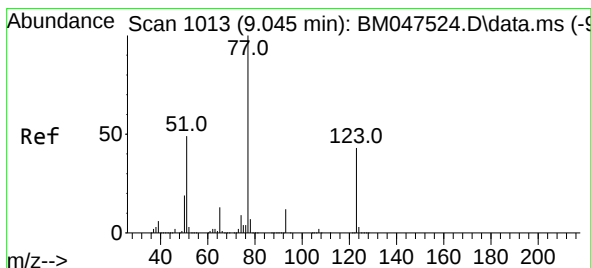
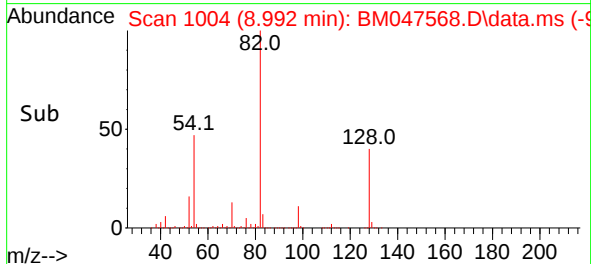
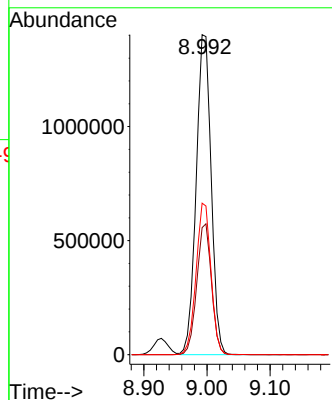
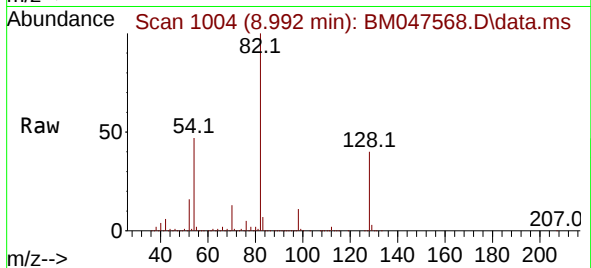
Tgt Ion: 82 Resp: 2308971

Ion Ratio Lower Upper

82 100

128 39.7 33.0 49.4

54 47.4 39.3 58.9



#24

Nitrobenzene

Concen: 44.079 ng

RT: 9.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

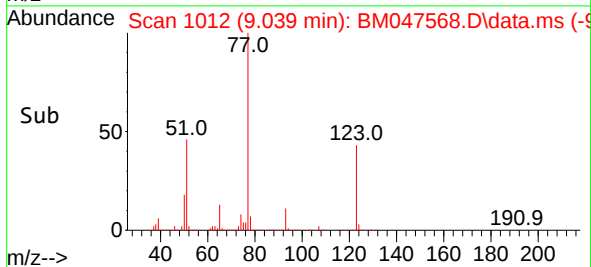
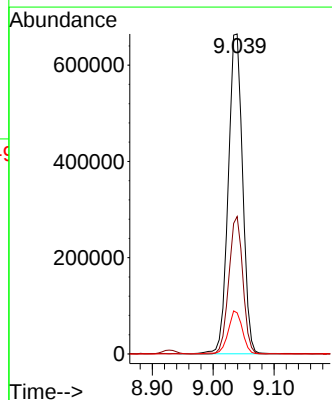
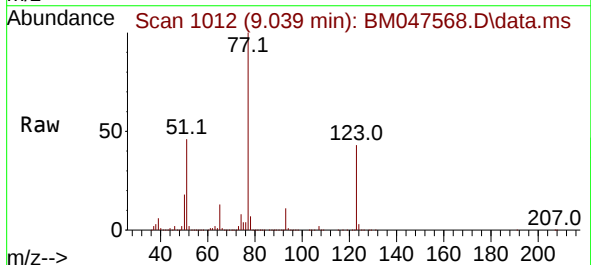
Tgt Ion: 77 Resp: 1087814

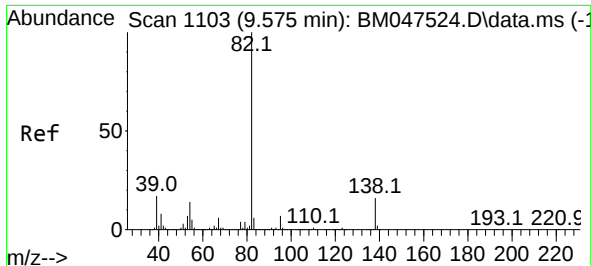
Ion Ratio Lower Upper

77 100

123 42.9 34.5 51.7

65 12.8 10.7 16.1





#25

Isophorone

Concen: 44.615 ng

RT: 9.569 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

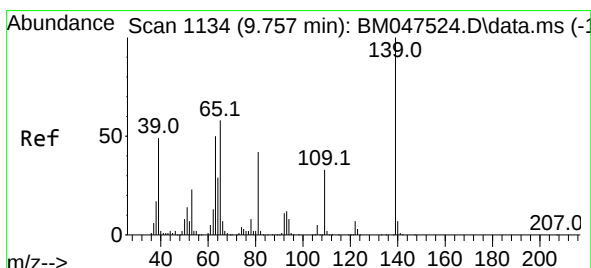
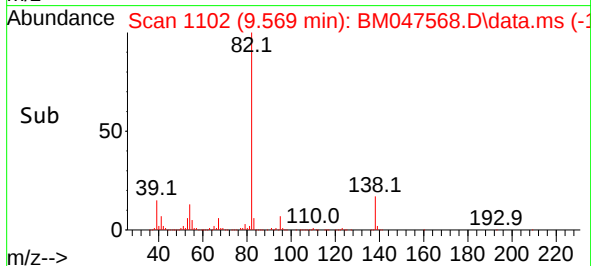
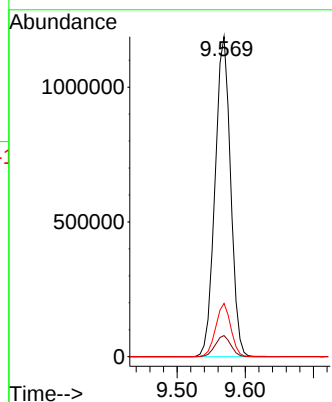
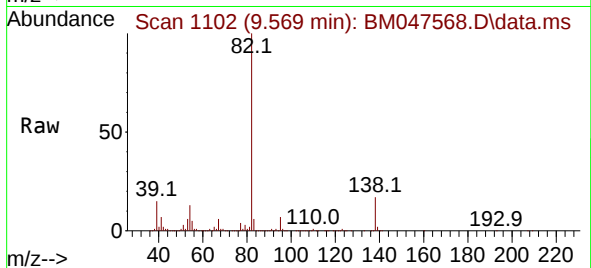
Tgt Ion: 82 Resp: 1883754

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 16.7 12.9 19.3



#26

2-Nitrophenol

Concen: 50.080 ng

RT: 9.745 min Scan# 1132

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

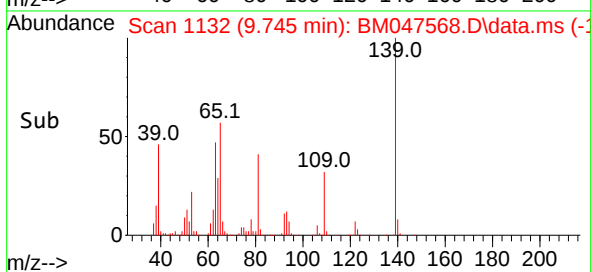
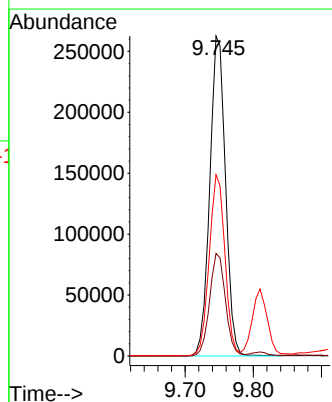
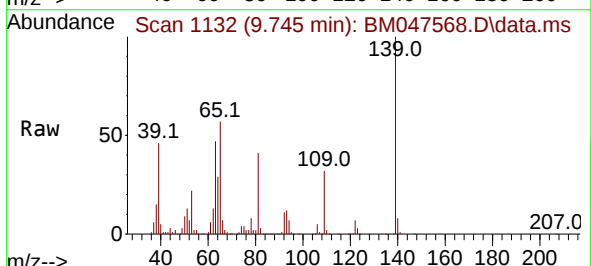
Tgt Ion:139 Resp: 421154

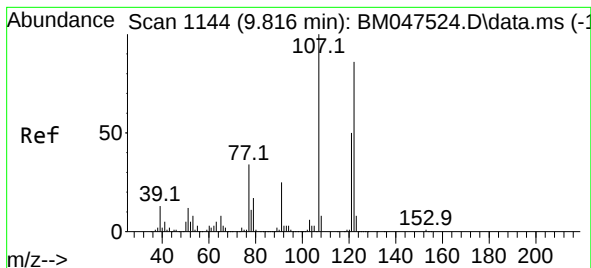
Ion Ratio Lower Upper

139 100

109 32.1 26.0 39.0

65 56.6 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 57.029 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

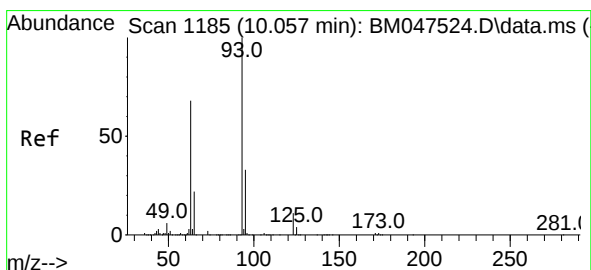
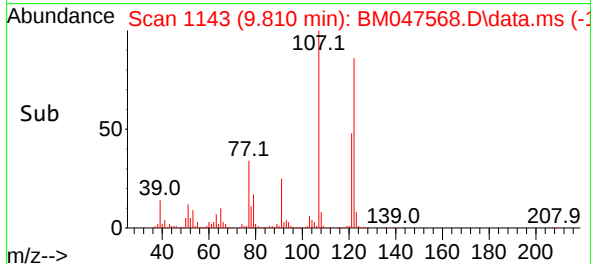
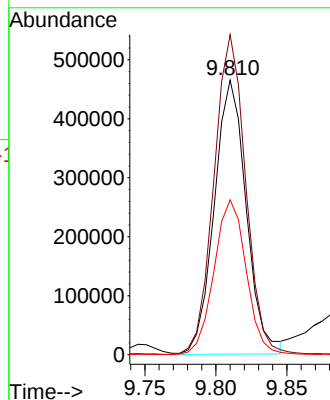
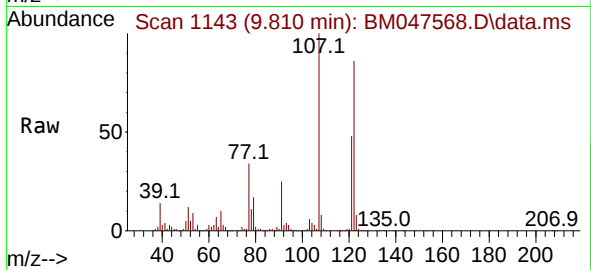
Tgt Ion:122 Resp: 727014

Ion Ratio Lower Upper

122 100

107 116.5 92.4 138.6

121 56.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.757 ng

RT: 10.045 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

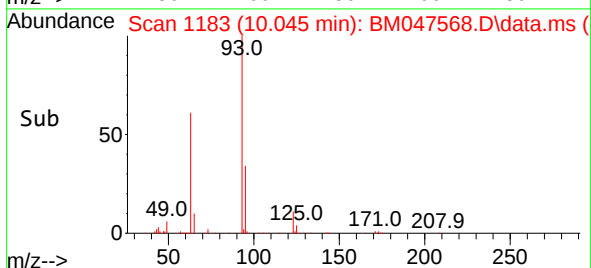
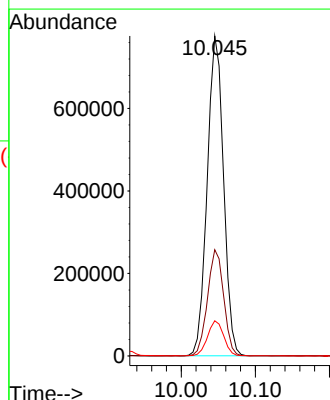
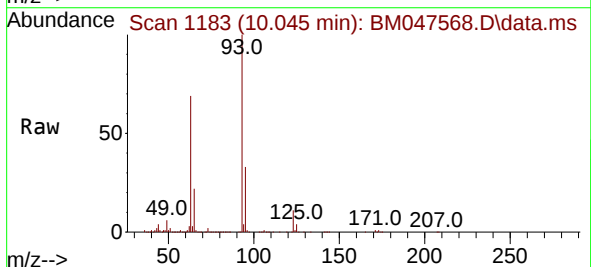
Tgt Ion: 93 Resp: 1187038

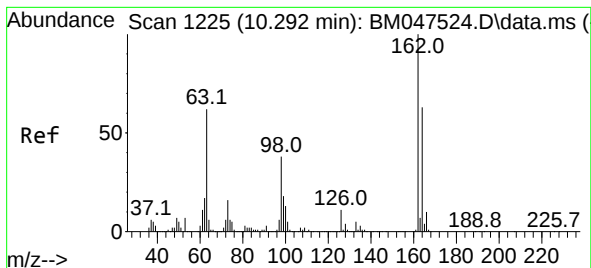
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.616 ng

RT: 10.280 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

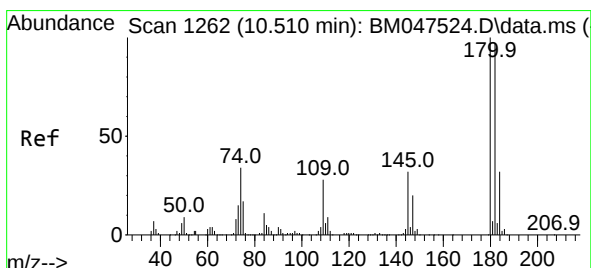
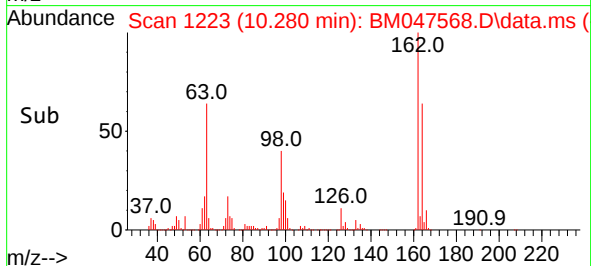
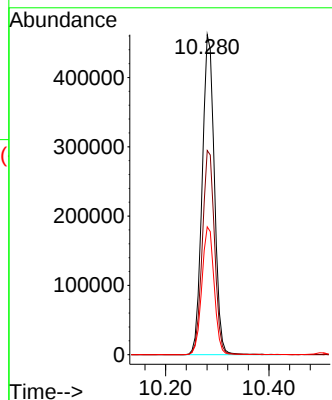
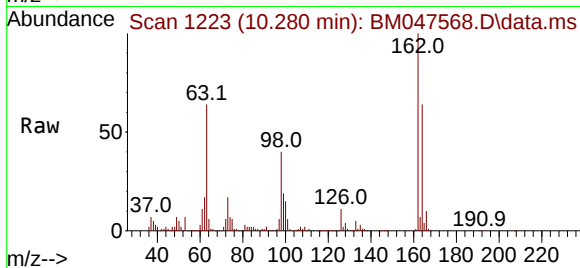
Tgt Ion:162 Resp: 755002

Ion Ratio Lower Upper

162 100

164 63.8 43.5 83.5

98 40.0 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 40.754 ng

RT: 10.498 min Scan# 1260

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

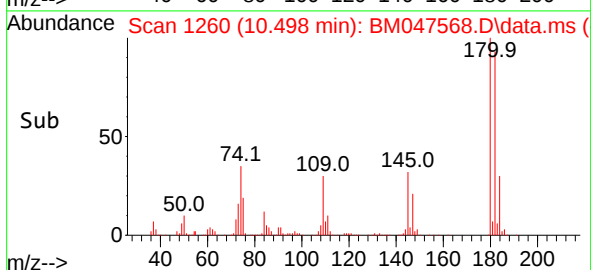
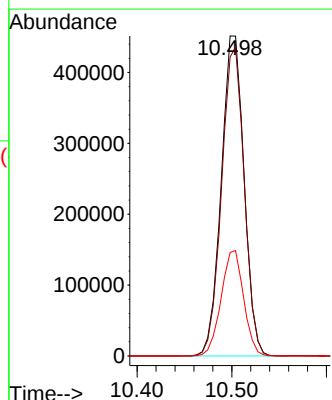
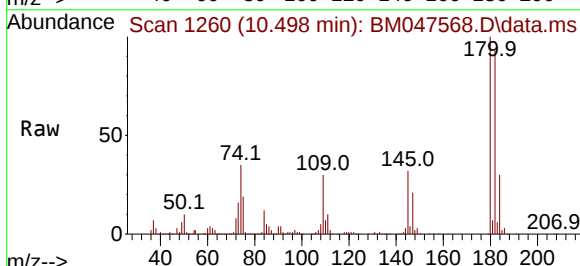
Tgt Ion:180 Resp: 756092

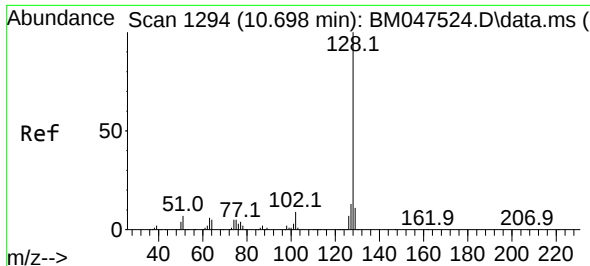
Ion Ratio Lower Upper

180 100

182 93.4 77.6 116.4

145 32.3 25.4 38.0

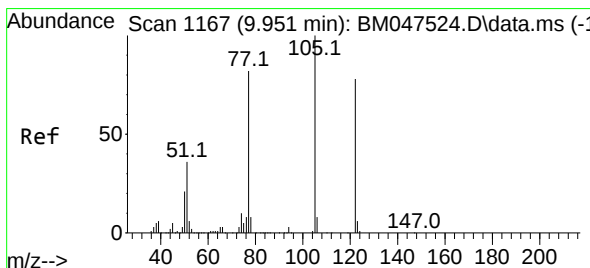
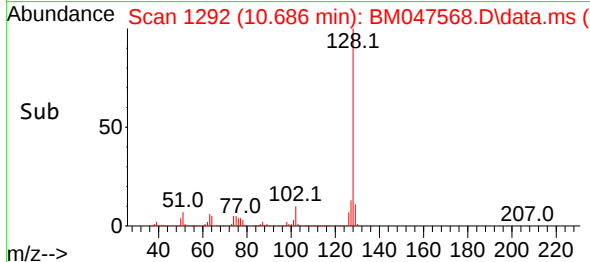
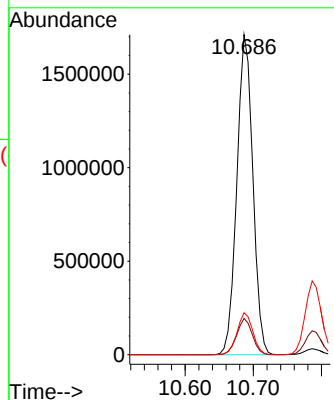
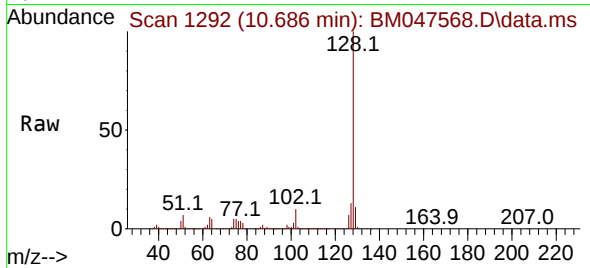




#31
Naphthalene
Concen: 42.949 ng
RT: 10.686 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

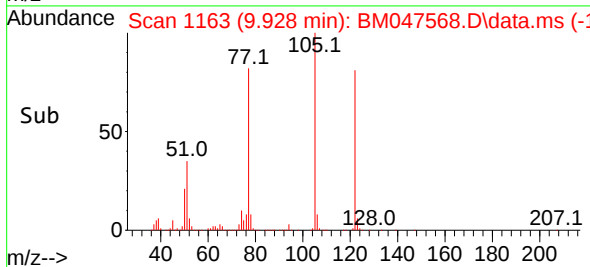
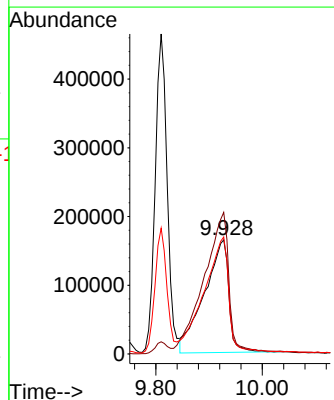
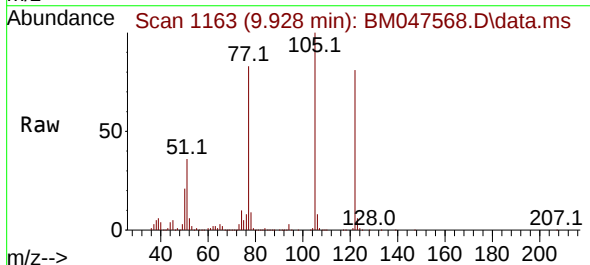
Instrument :
BNA_M
ClientSampleId :
PB163318BS

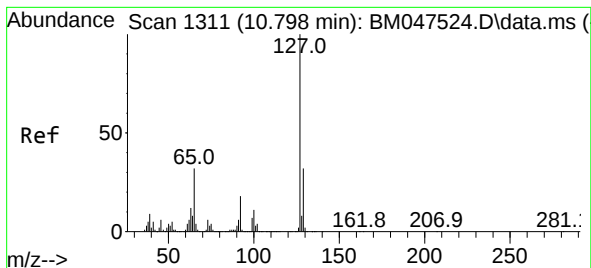
Tgt Ion:128 Resp: 2788005
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 42.558 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.023 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:122 Resp: 523714
Ion Ratio Lower Upper
122 100
105 124.1 104.7 144.7
77 102.5 83.4 123.4

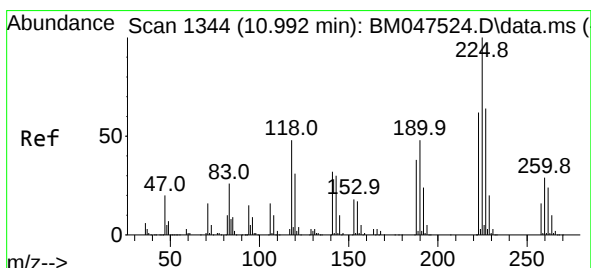
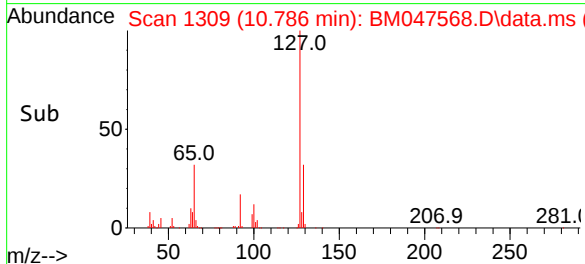
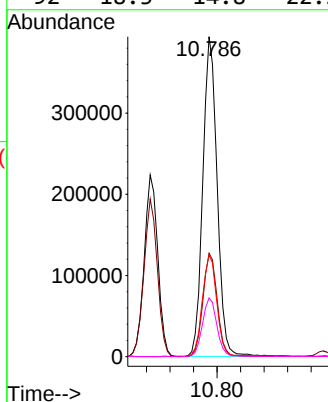
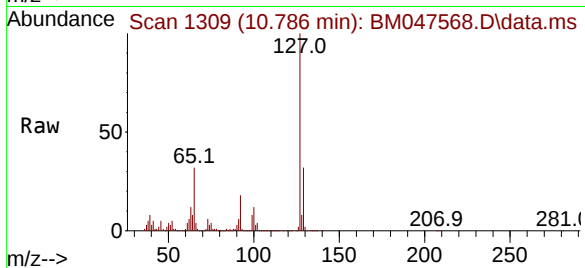




#33
4-Chloroaniline
Concen: 28.322 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

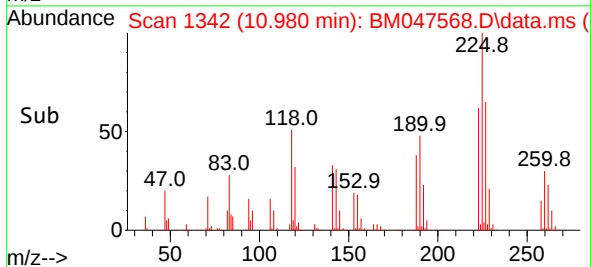
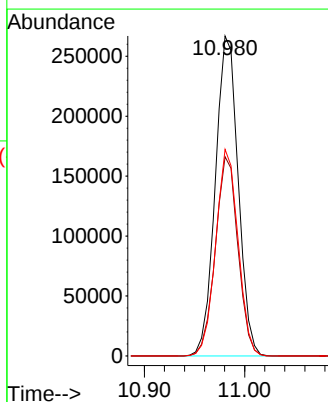
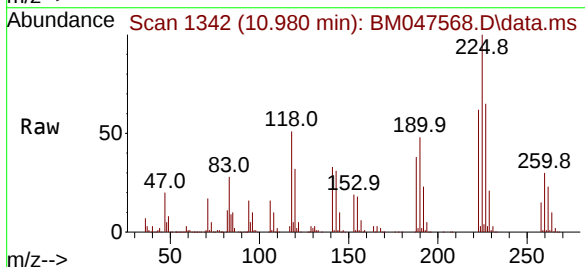
Instrument :
BNA_M
ClientSampleId :
PB163318BS

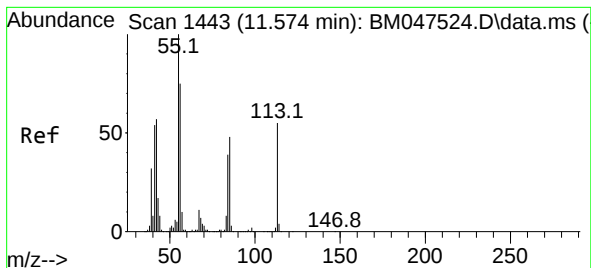
Tgt Ion:127	Resp: 664735
Ion Ratio	Lower Upper
127 100	
129 32.3	25.4 38.0
65 31.9	25.5 38.3
92 18.3	14.8 22.2



#34
Hexachlorobutadiene
Concen: 41.024 ng
RT: 10.980 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:225	Resp: 421556
Ion Ratio	Lower Upper
225 100	
223 62.3	49.8 74.6
227 64.6	51.0 76.4





#35

Caprolactam

Concen: 25.333 ng

RT: 11.563 min Scan# 14

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

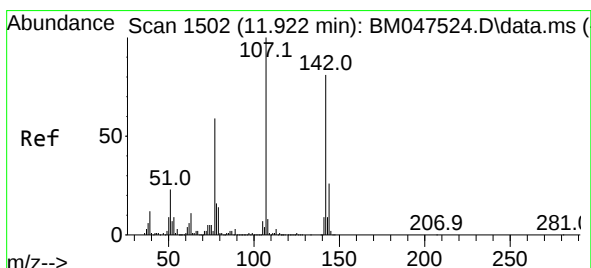
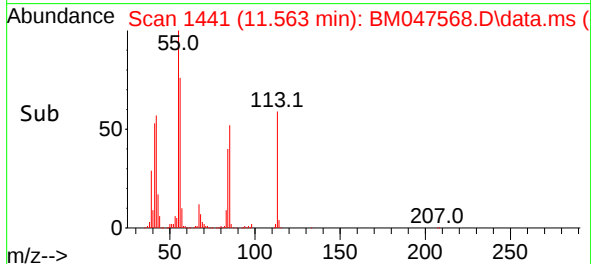
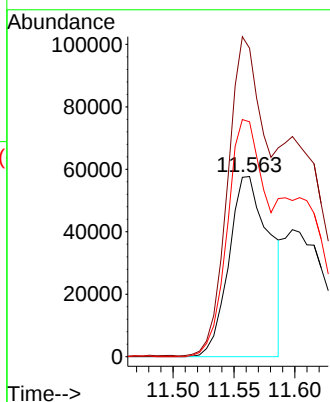
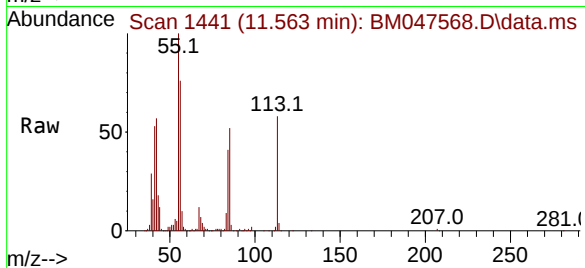
Tgt Ion:113 Resp: 135144

Ion Ratio Lower Upper

113 100

55 171.2 162.5 202.5

56 130.4 116.5 156.5



#36

4-Chloro-3-methylphenol

Concen: 44.885 ng

RT: 11.910 min Scan# 1500

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

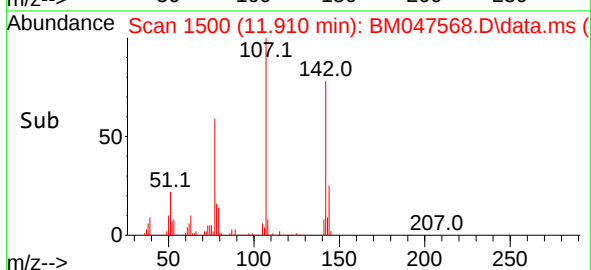
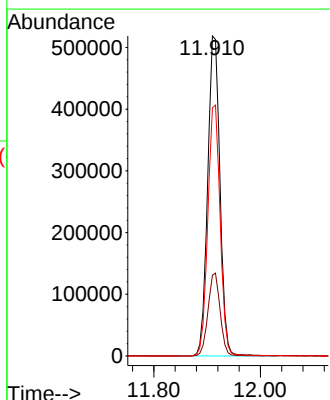
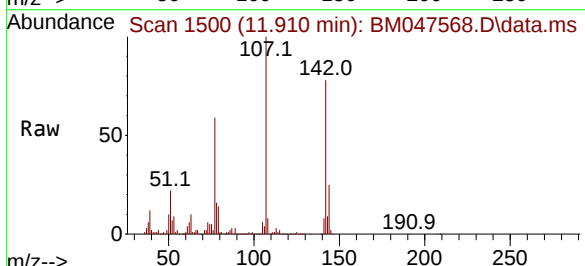
Tgt Ion:107 Resp: 833110

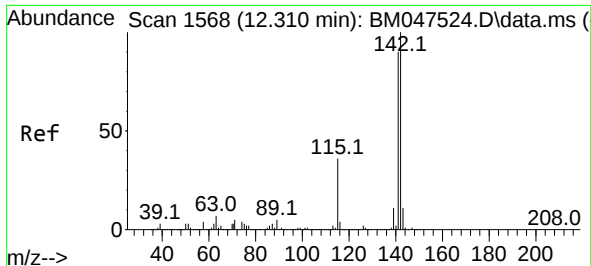
Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

142 77.6 65.0 97.4

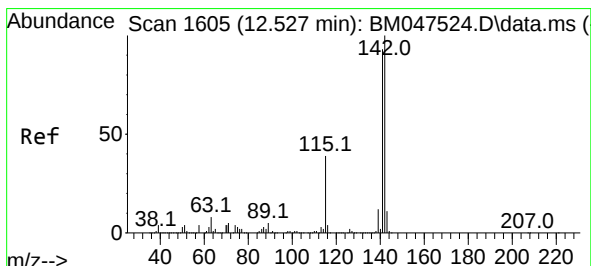
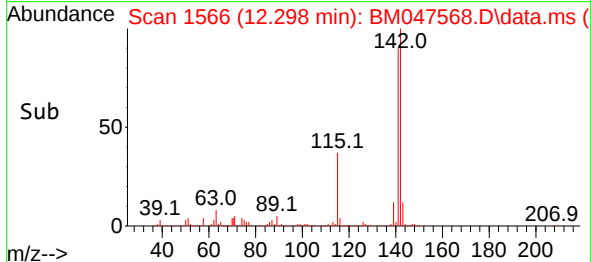
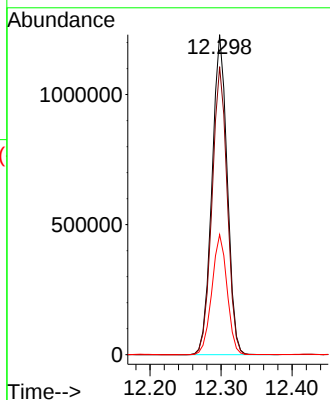
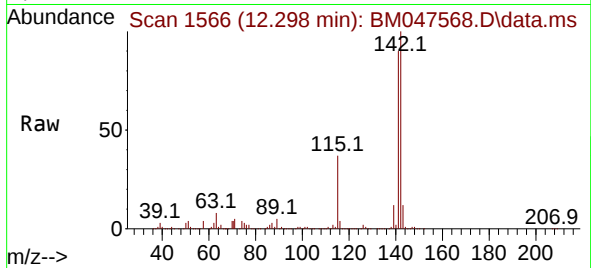




#37
2-Methylnaphthalene
Concen: 42.369 ng
RT: 12.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

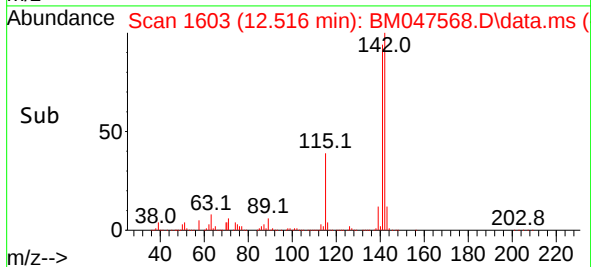
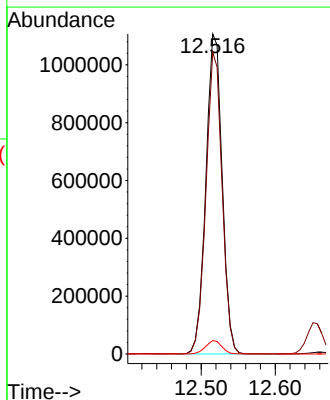
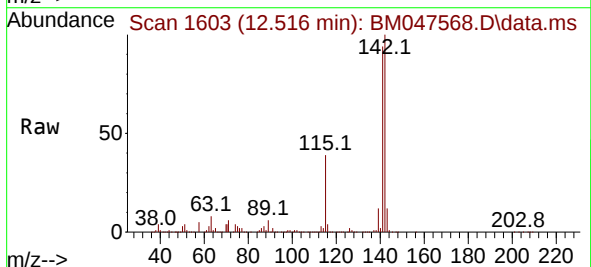
Instrument :
BNA_M
ClientSampleId :
PB163318BS

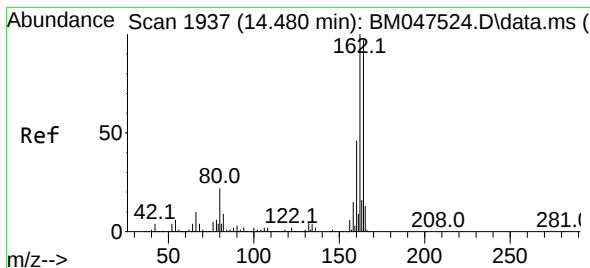
Tgt Ion:142 Resp: 1830535
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.4
115 37.5 29.1 43.7



#38
1-Methylnaphthalene
Concen: 39.283 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:142 Resp: 1686622
Ion Ratio Lower Upper
142 100
141 94.2 74.7 112.1
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

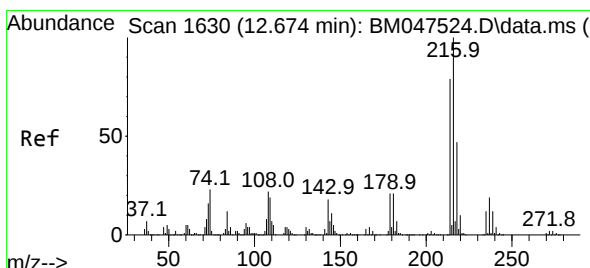
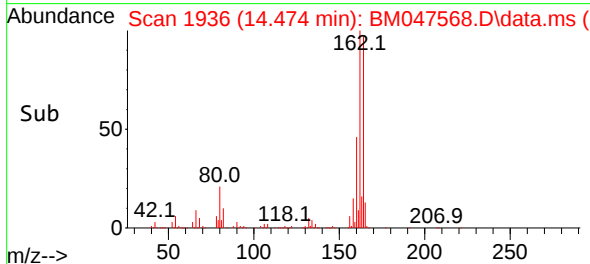
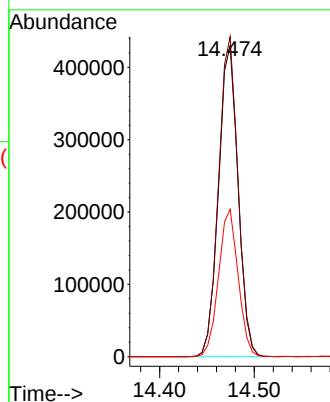
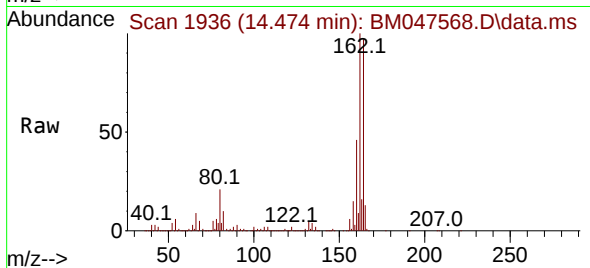
Tgt Ion:164 Resp: 615193

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

160 47.4 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.783 ng

RT: 12.669 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Tgt Ion:216 Resp: 778787

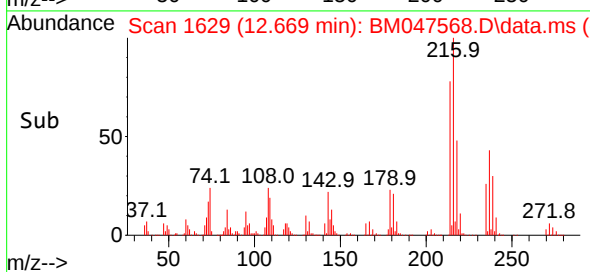
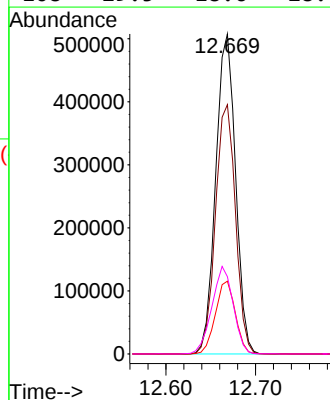
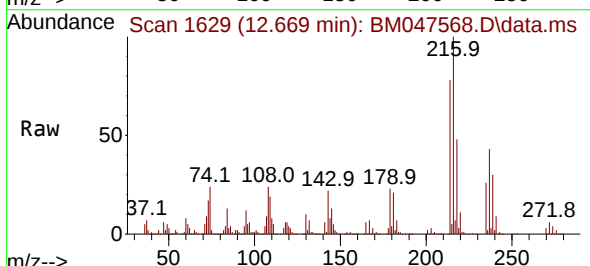
Ion Ratio Lower Upper

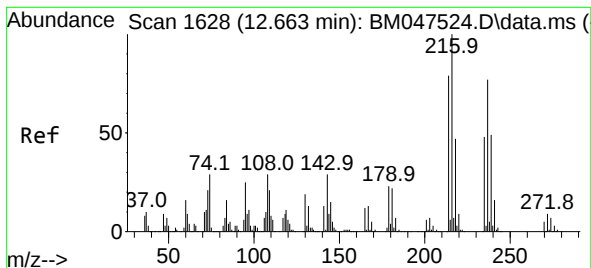
216 100

214 78.8 63.0 94.6

179 22.9 17.5 26.3

108 29.5 18.6 28.0#

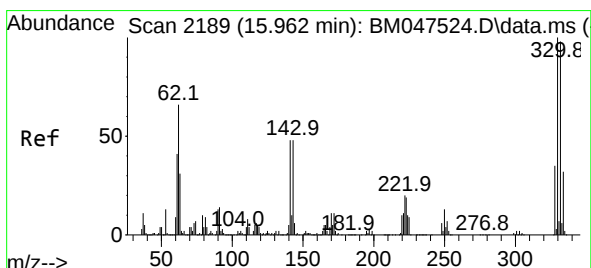
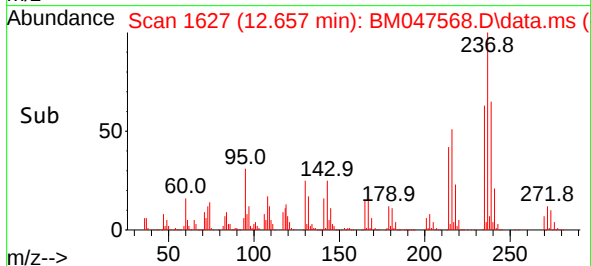
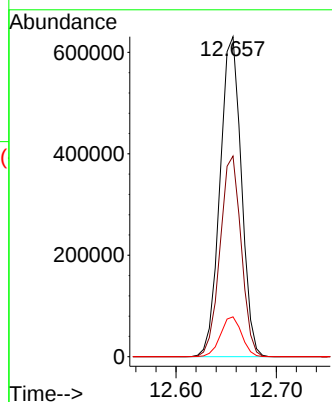
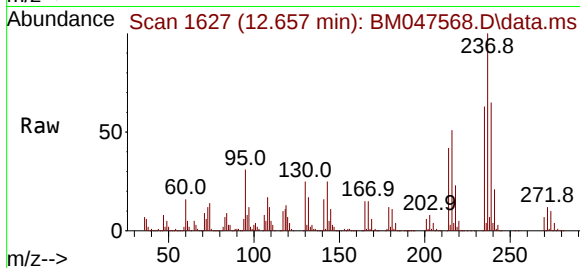




#41
Hexachlorocyclopentadiene
Concen: 171.243 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

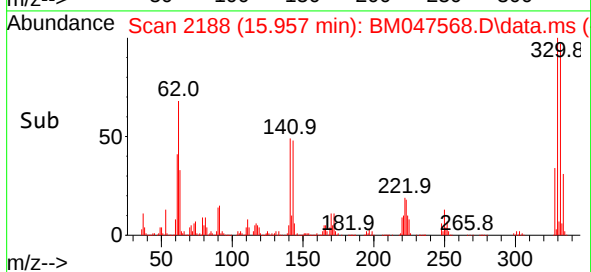
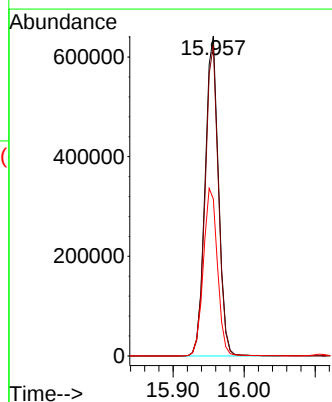
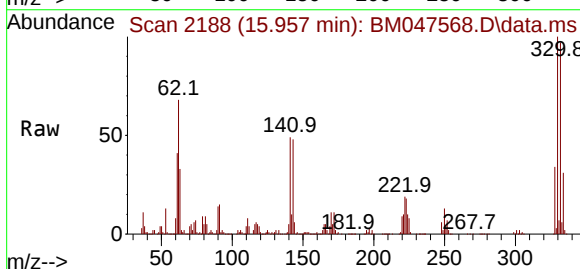
Instrument :
BNA_M
ClientSampleId :
PB163318BS

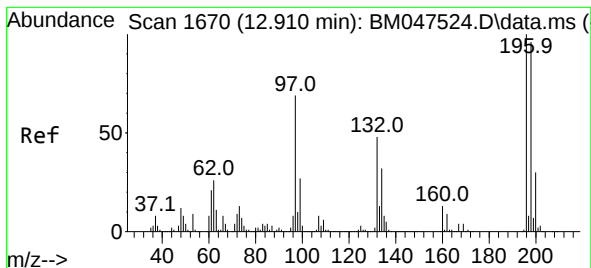
Tgt Ion:237 Resp: 931901
Ion Ratio Lower Upper
237 100
235 62.7 42.0 82.0
272 12.4 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 142.405 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:330 Resp: 846795
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 55.0 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 49.239 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

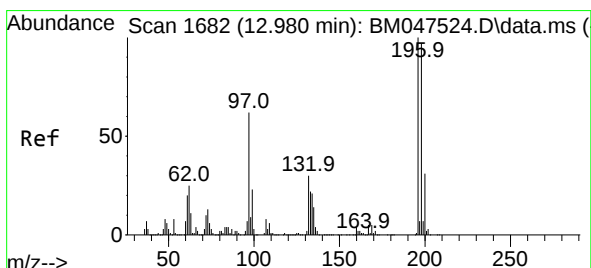
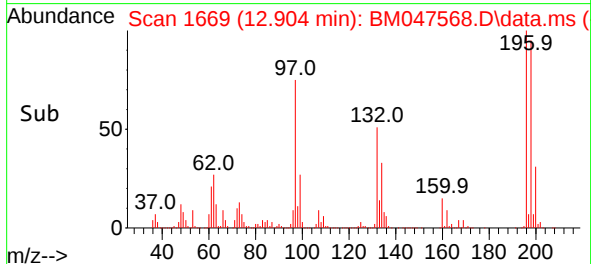
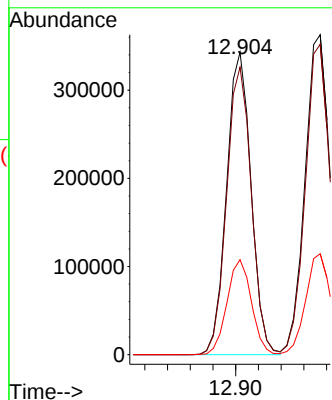
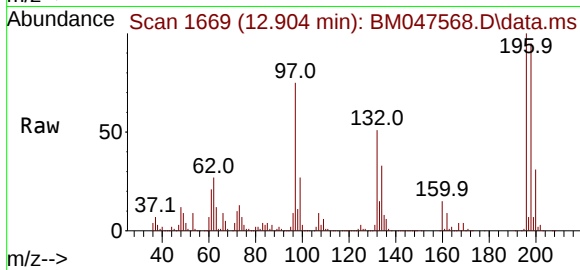
Tgt Ion:196 Resp: 513517

Ion Ratio Lower Upper

196 100

198 95.0 76.9 115.3

200 31.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 47.669 ng

RT: 12.974 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Tgt Ion:196 Resp: 561526

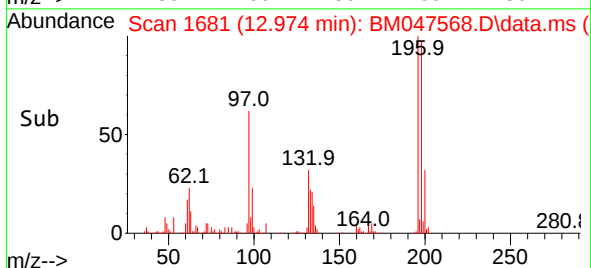
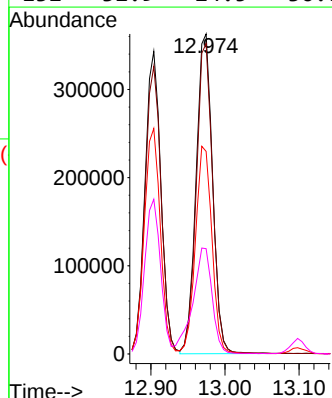
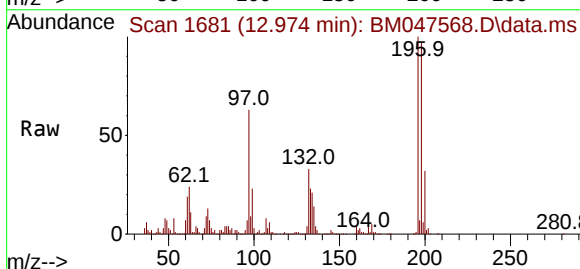
Ion Ratio Lower Upper

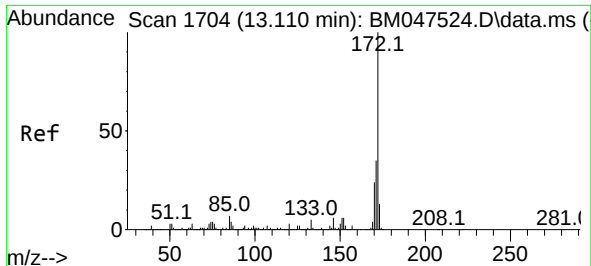
196 100

198 97.0 77.4 116.2

97 63.3 49.8 74.8

132 32.9 24.5 36.7

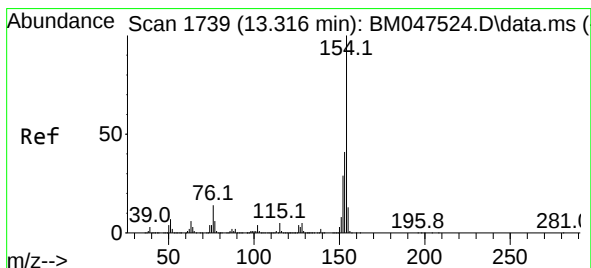
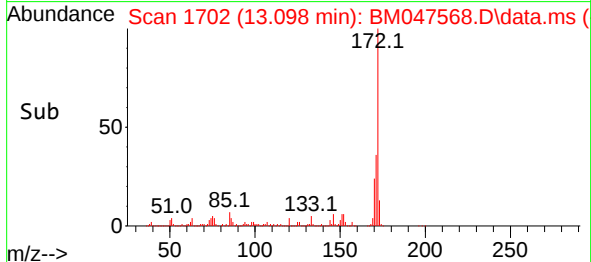
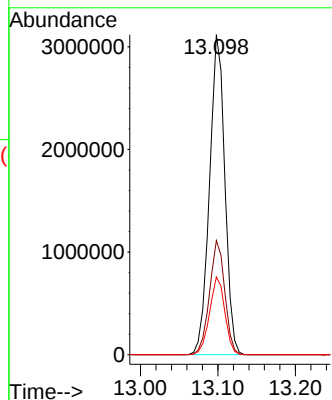
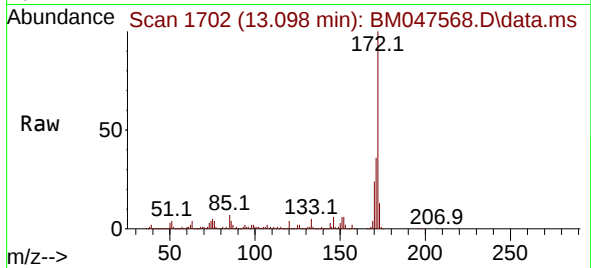




#45
2-Fluorobiphenyl
Concen: 95.753 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

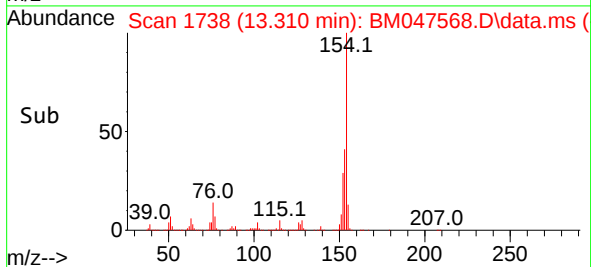
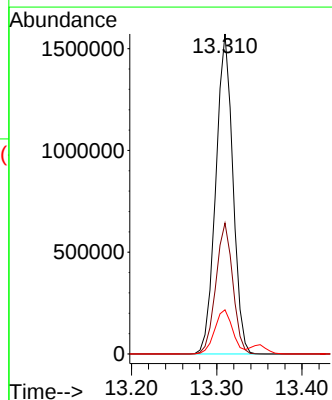
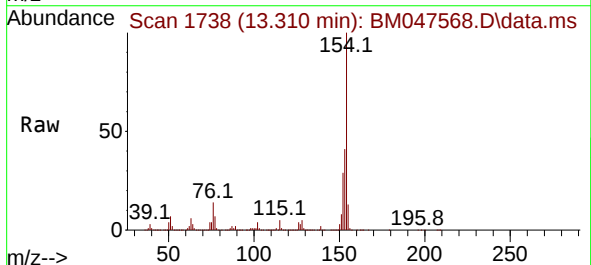
Instrument :
BNA_M
ClientSampleId :
PB163318BS

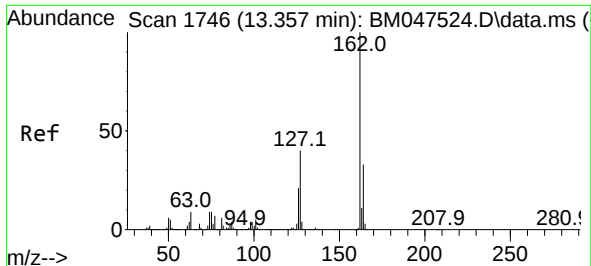
Tgt Ion:172 Resp: 4276289
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 24.3 19.4 29.0



#46
1,1'-Biphenyl
Concen: 45.573 ng
RT: 13.310 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:154 Resp: 2181353
Ion Ratio Lower Upper
154 100
153 40.9 20.6 60.6
76 13.8 0.0 33.9

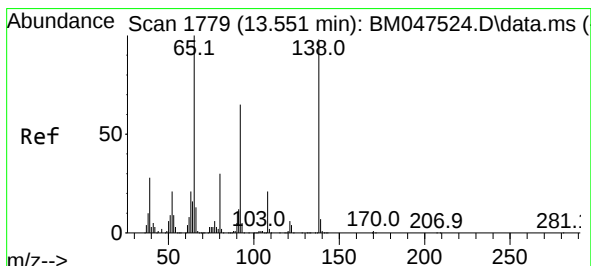
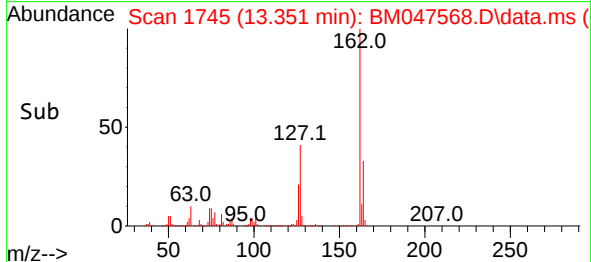
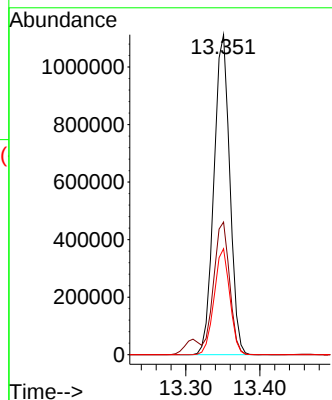
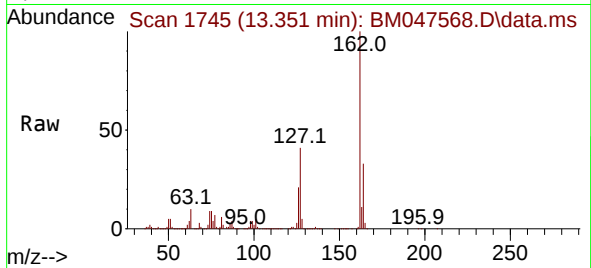




#47
2-Chloronaphthalene
Concen: 44.537 ng
RT: 13.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

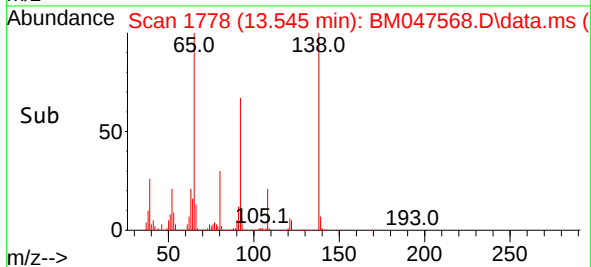
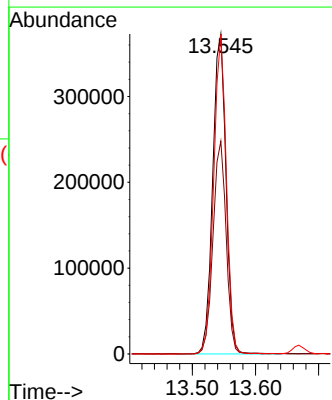
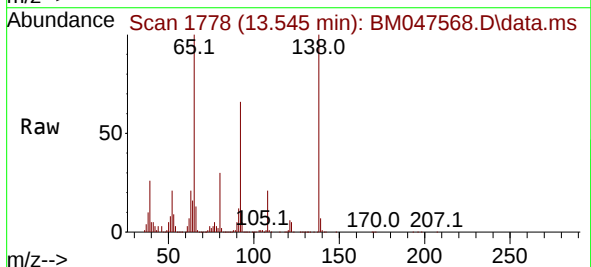
Instrument :
BNA_M
ClientSampleId :
PB163318BS

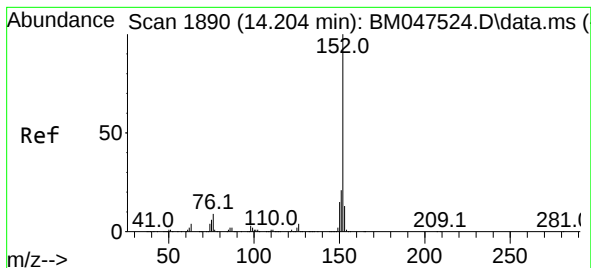
Tgt Ion:162 Resp: 1655276
Ion Ratio Lower Upper
162 100
127 41.4 32.2 48.4
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 49.716 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 65 Resp: 542727
Ion Ratio Lower Upper
65 100
92 66.5 51.9 77.9
138 99.8 78.5 117.7





#49

Acenaphthylene

Concen: 49.275 ng

RT: 14.192 min Scan# 1888

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

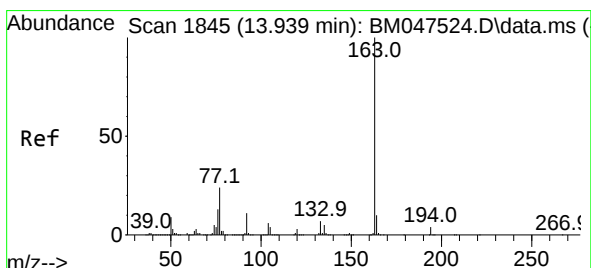
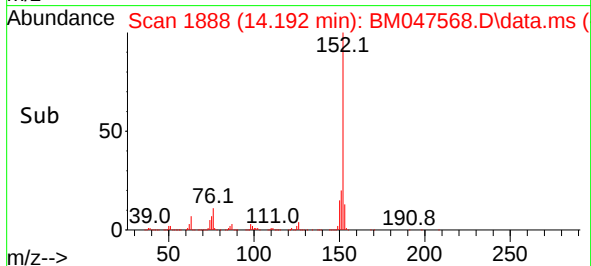
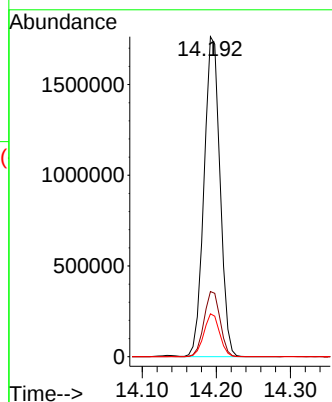
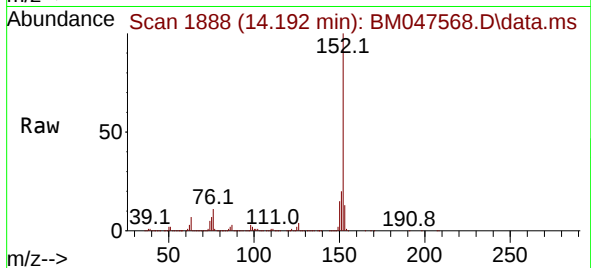
Tgt Ion:152 Resp: 2642771

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 45.854 ng

RT: 13.927 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

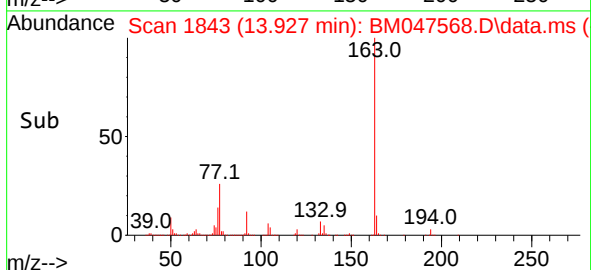
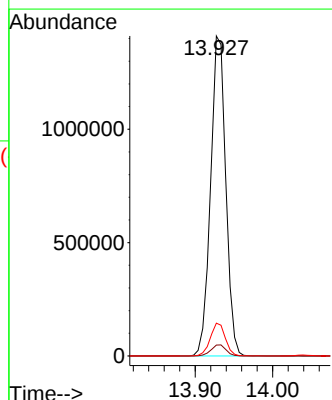
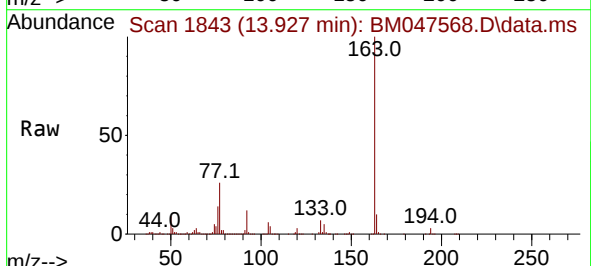
Tgt Ion:163 Resp: 1922665

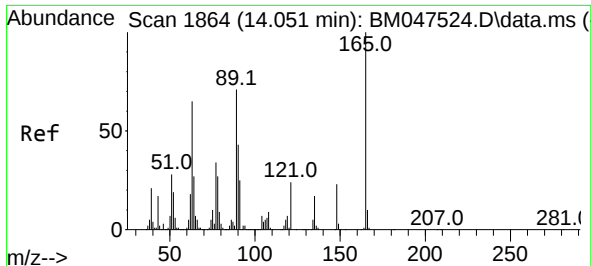
Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

164 10.2 7.9 11.9

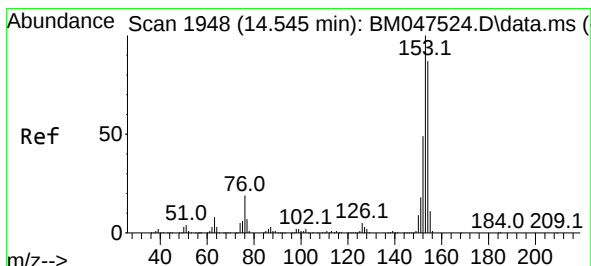
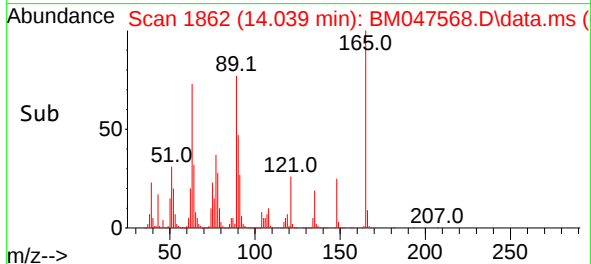
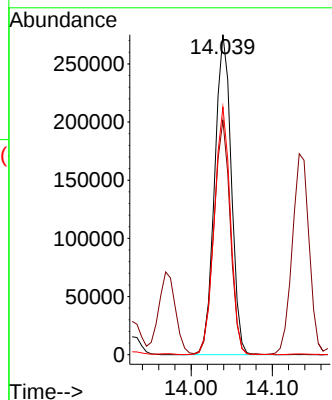
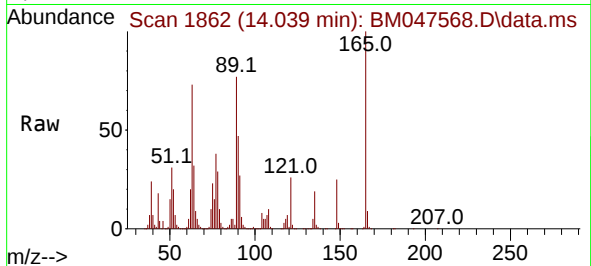




#51
2,6-Dinitrotoluene
Concen: 44.184 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

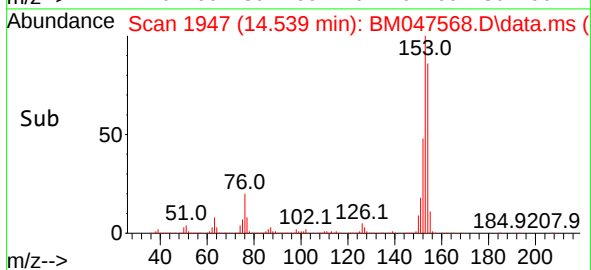
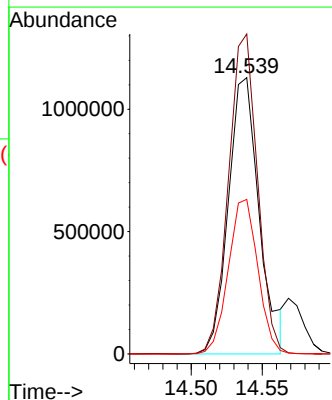
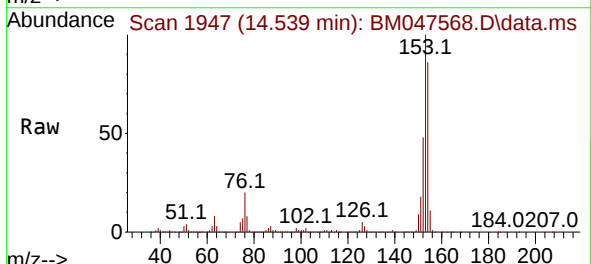
Instrument :
BNA_M
ClientSampleId :
PB163318BS

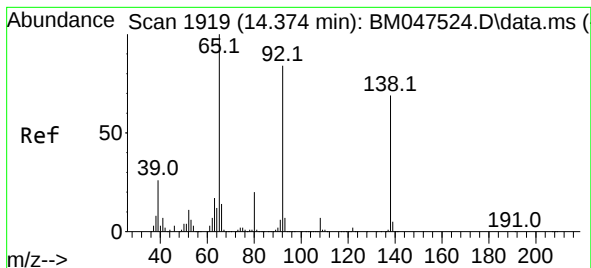
Tgt Ion:165 Resp: 391098
Ion Ratio Lower Upper
165 100
63 73.3 54.2 81.2
89 77.4 56.4 84.6



#52
Acenaphthene
Concen: 45.383 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:154 Resp: 1705461
Ion Ratio Lower Upper
154 100
153 115.8 92.2 138.2
152 55.9 45.4 68.0

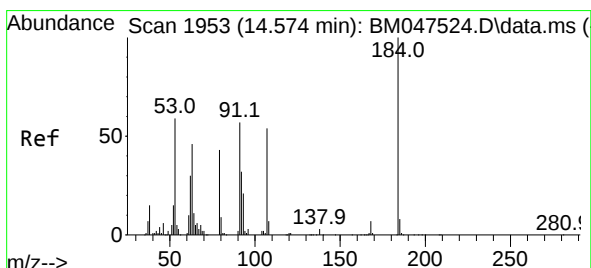
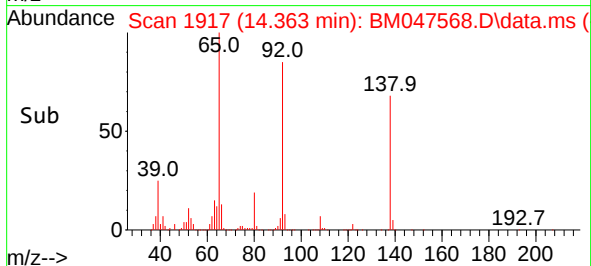
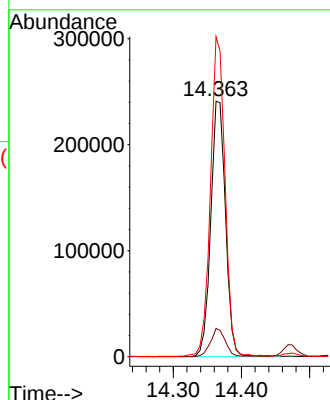
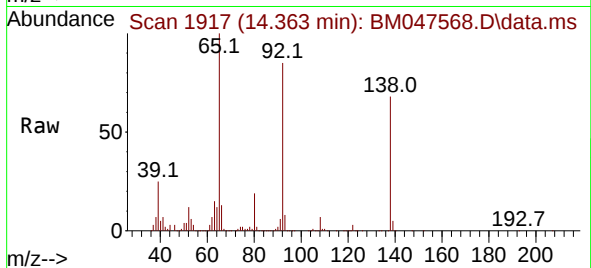




#53
3-Nitroaniline
Concen: 36.898 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

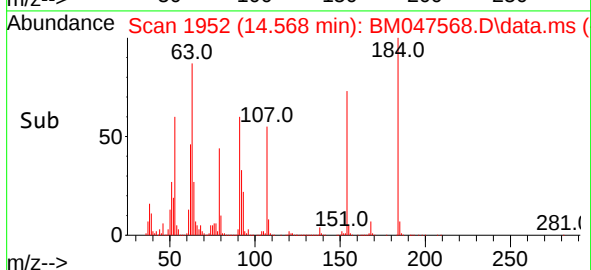
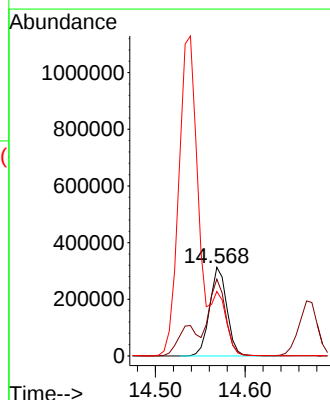
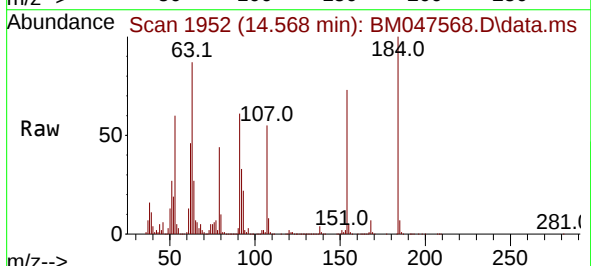
Instrument :
BNA_M
ClientSampleId :
PB163318BS

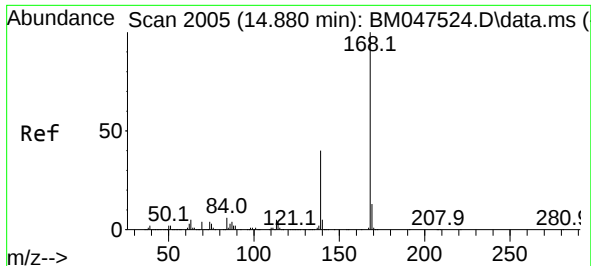
Tgt Ion:138 Resp: 363030
Ion Ratio Lower Upper
138 100
108 11.0 8.0 12.0
92 125.2 97.4 146.0



#54
2,4-Dinitrophenol
Concen: 82.737 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:184 Resp: 418269
Ion Ratio Lower Upper
184 100
63 86.7 69.4 104.0
154 72.8 60.4 90.6

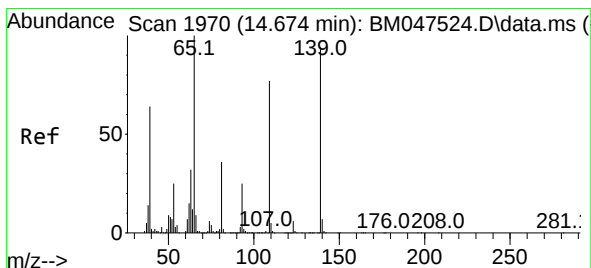
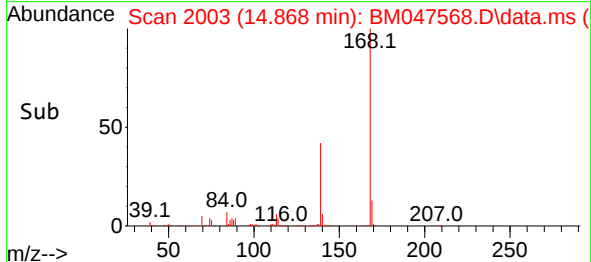
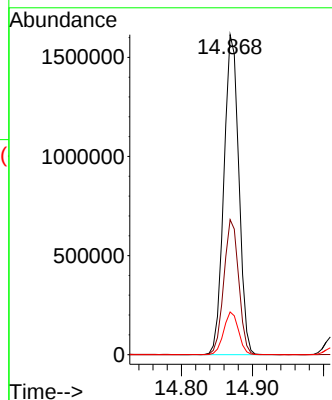
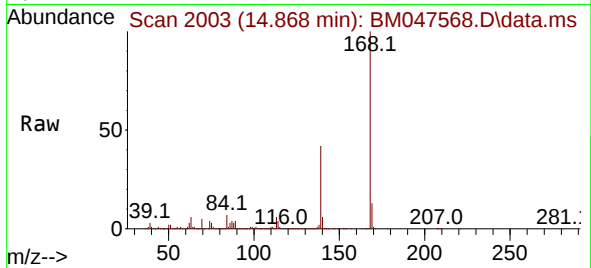




#55
Dibenzenofuran
Concen: 44.471 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

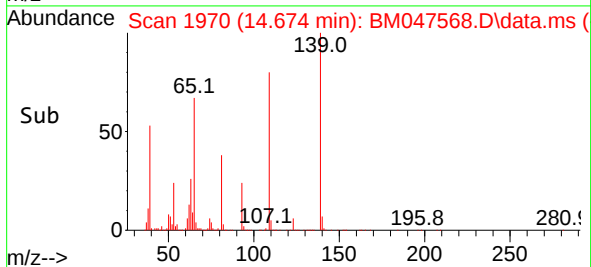
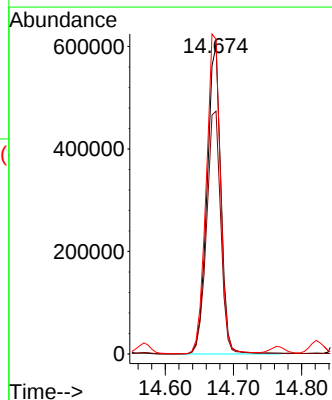
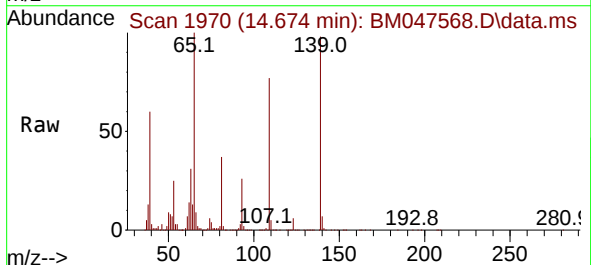
Instrument :
BNA_M
ClientSampleId :
PB163318BS

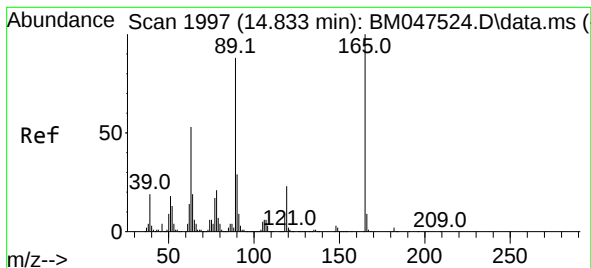
Tgt Ion:168 Resp: 2348412
Ion Ratio Lower Upper
168 100
139 42.2 31.9 47.9
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 105.644 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:139 Resp: 855296
Ion Ratio Lower Upper
139 100
109 78.7 62.0 102.0
65 102.0 87.0 127.0

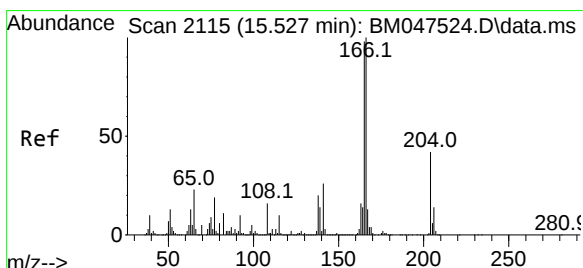
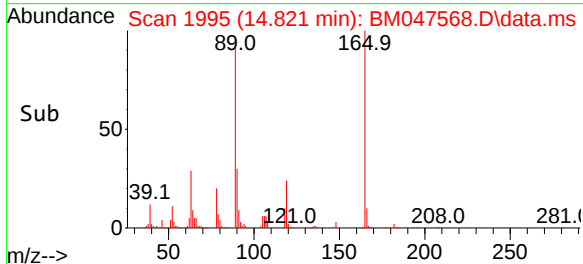
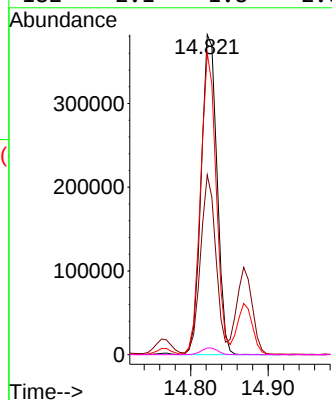
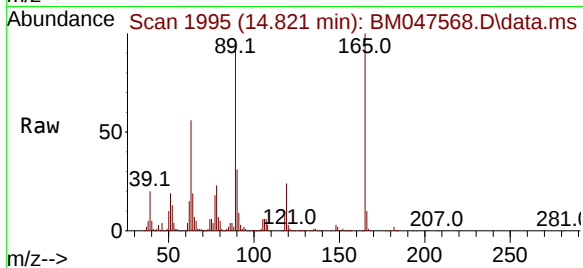




#57
2,4-Dinitrotoluene
Concen: 45.889 ng
RT: 14.821 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

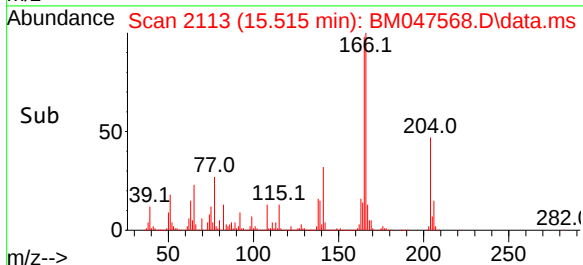
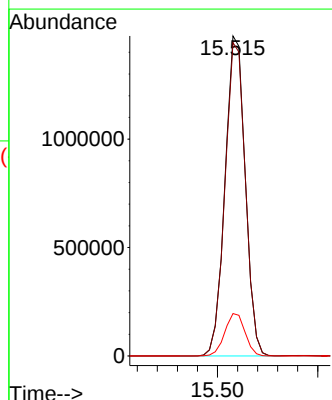
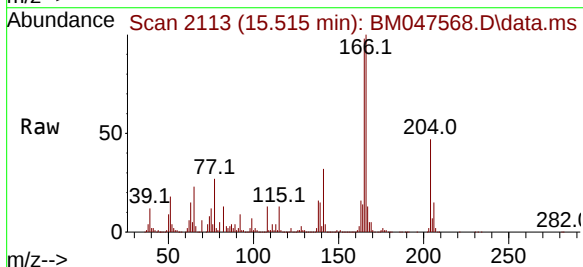
Instrument :
BNA_M
ClientSampleId :
PB163318BS

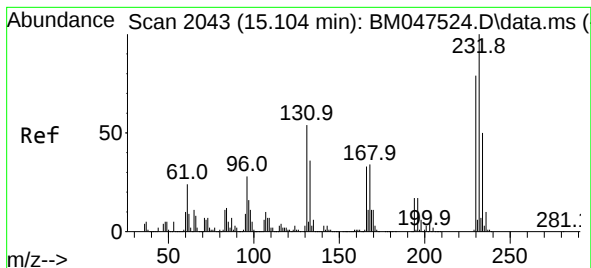
Tgt Ion:165 Resp: 541739
Ion Ratio Lower Upper
165 100
63 56.2 42.4 63.6
89 94.3 70.5 105.7
182 2.1 1.8 2.6



#58
Fluorene
Concen: 43.429 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:166 Resp: 2064805
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.2 10.7 16.1

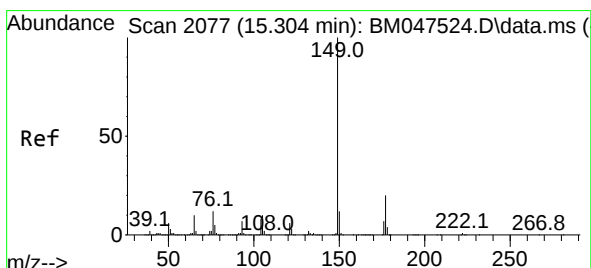
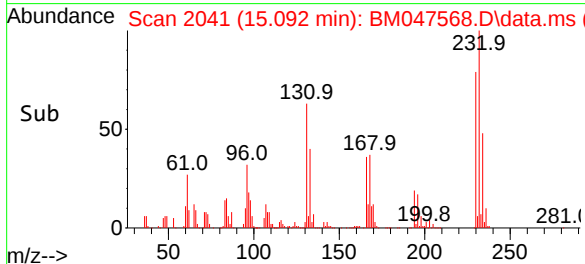
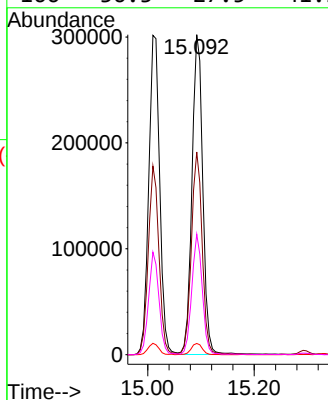
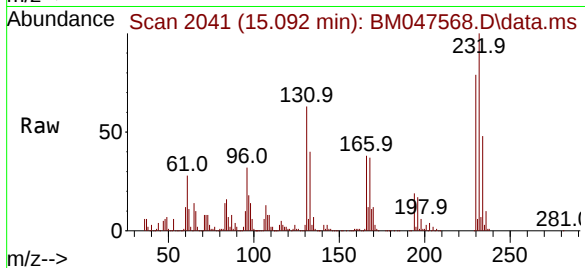




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.385 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

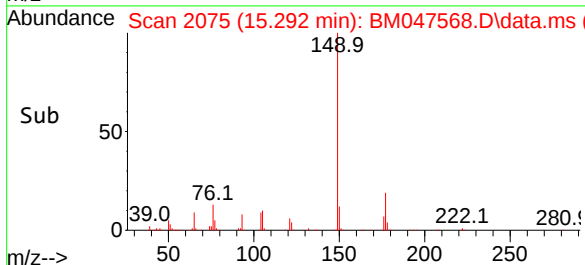
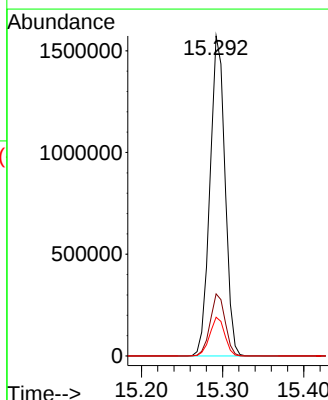
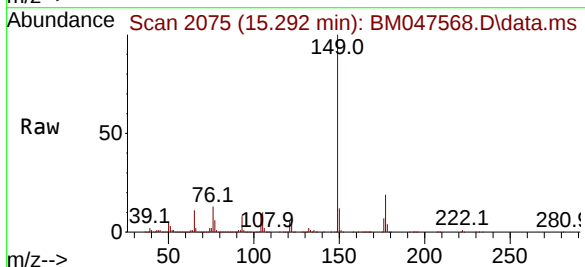
Instrument :
BNA_M
ClientSampleId :
PB163318BS

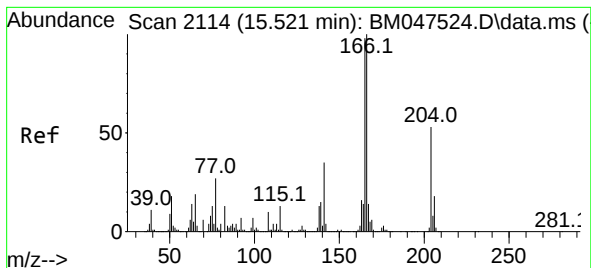
Tgt Ion:232 Resp: 426009
Ion Ratio Lower Upper
232 100
131 63.4 47.0 70.4
130 3.6 2.6 3.8
166 36.3 27.5 41.3



#60
Diethylphthalate
Concen: 45.216 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:149 Resp: 2017759
Ion Ratio Lower Upper
149 100
177 19.4 15.8 23.8
150 12.1 9.7 14.5

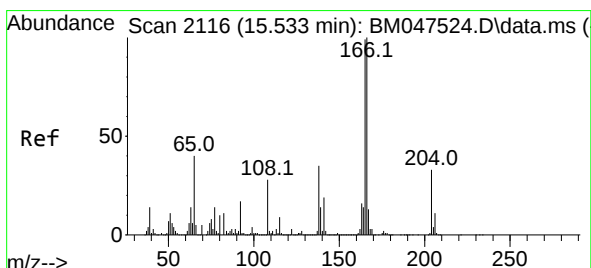
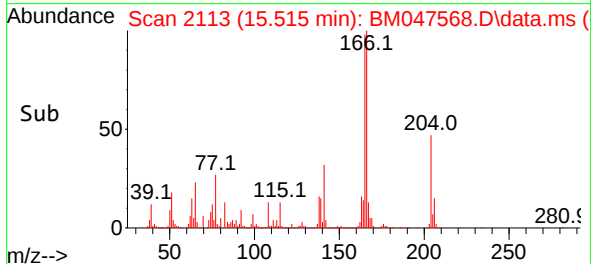
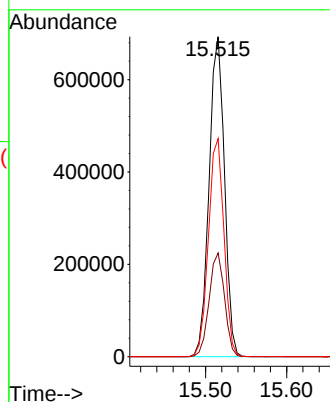
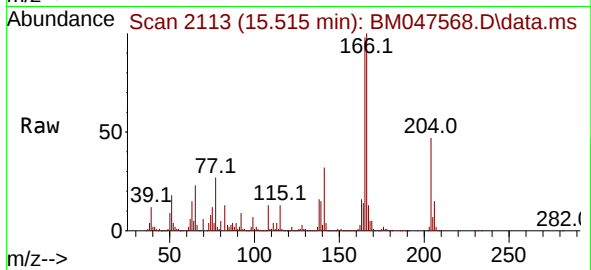




#61
4-Chlorophenyl-phenylether
Concen: 41.870 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

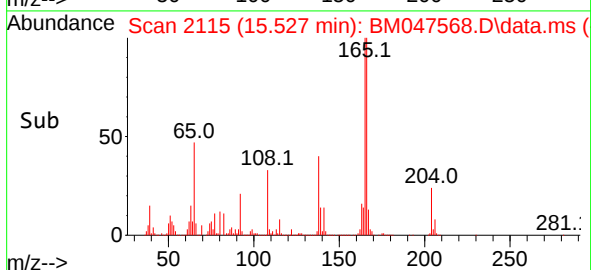
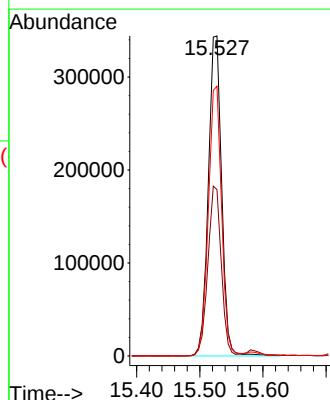
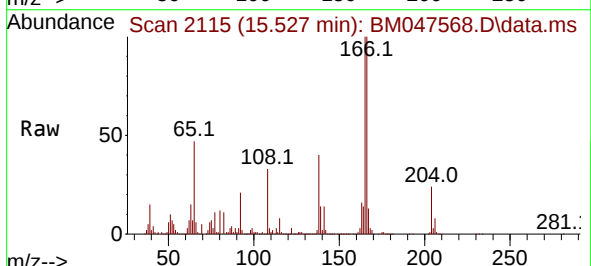
Instrument :
BNA_M
ClientSampleId :
PB163318BS

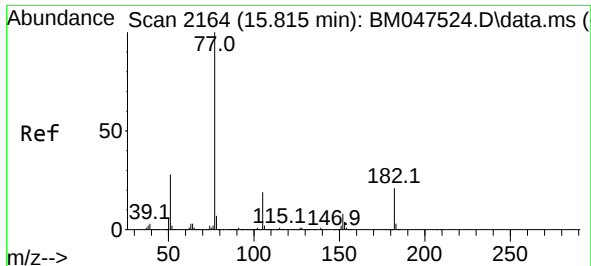
Tgt Ion:204 Resp: 910211
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 68.2 52.1 78.1



#62
4-Nitroaniline
Concen: 43.698 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:138 Resp: 505374
Ion Ratio Lower Upper
138 100
92 52.0 30.0 70.0
108 84.3 61.7 101.7

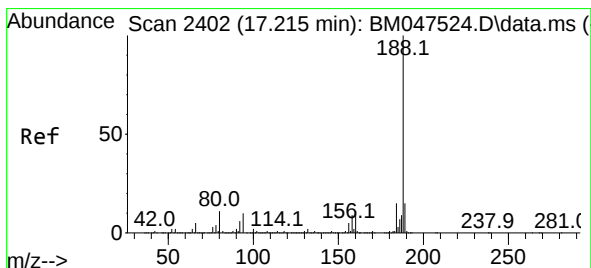
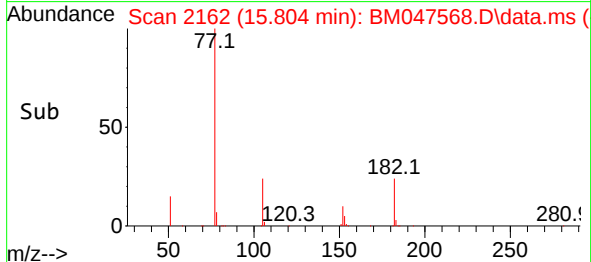
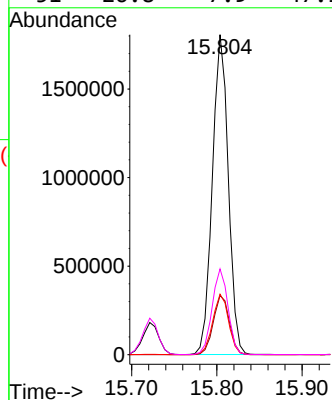
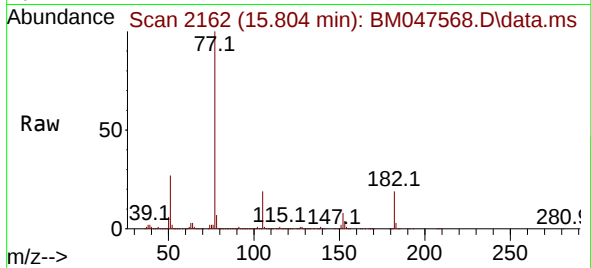




#63
Azobenzene
Concen: 47.721 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

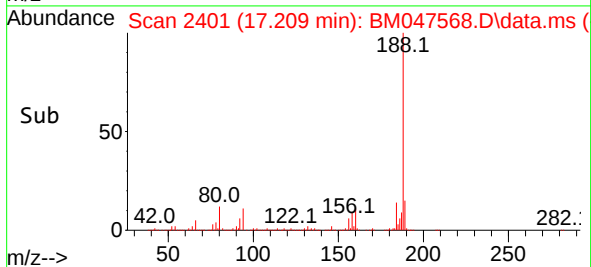
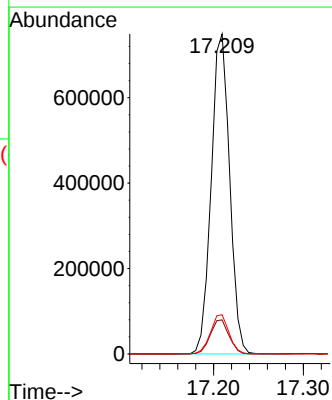
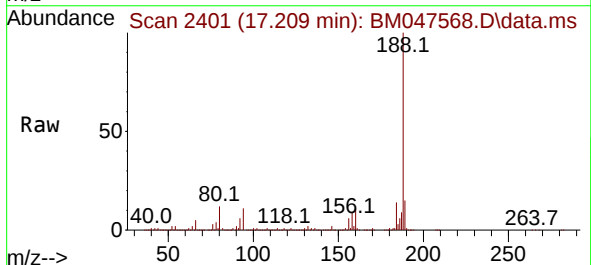
Instrument :
BNA_M
ClientSampleId :
PB163318BS

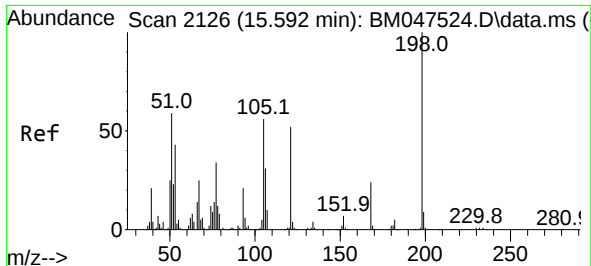
Tgt Ion: 77 Resp: 2344863
Ion Ratio Lower Upper
77 100
182 18.5 1.2 41.2
105 18.9 0.0 39.4
51 26.8 7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion: 188 Resp: 1066013
Ion Ratio Lower Upper
188 100
94 10.7 8.4 12.6
80 12.3 9.1 13.7

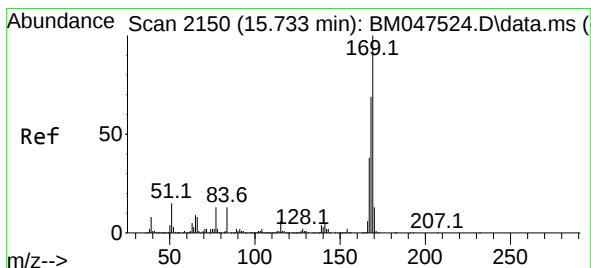
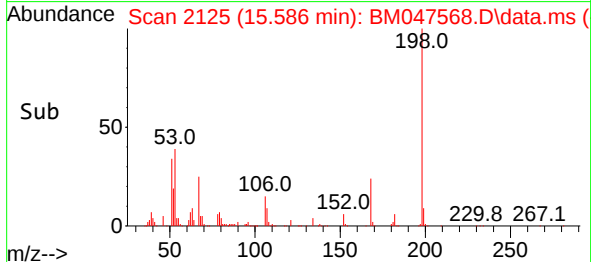
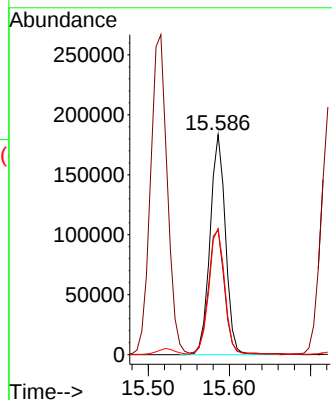
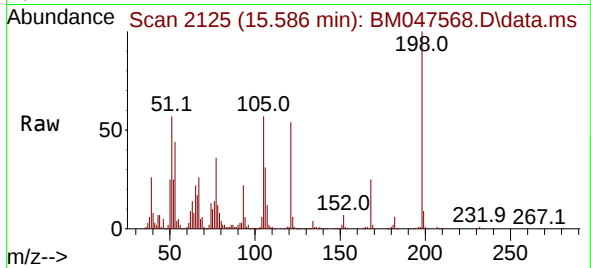




#65
4,6-Dinitro-2-methylphenol
Concen: 44.884 ng
RT: 15.586 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

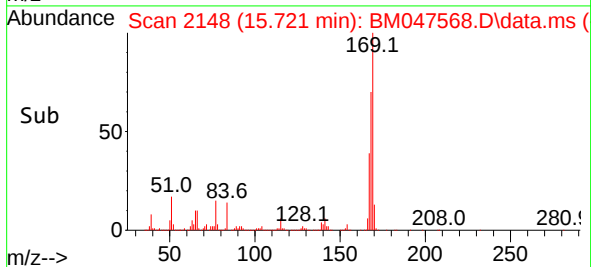
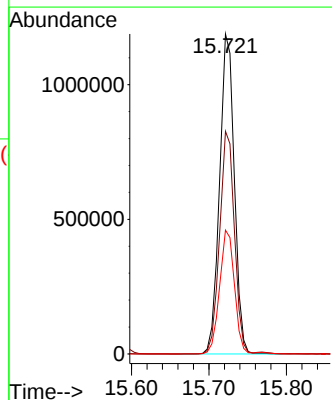
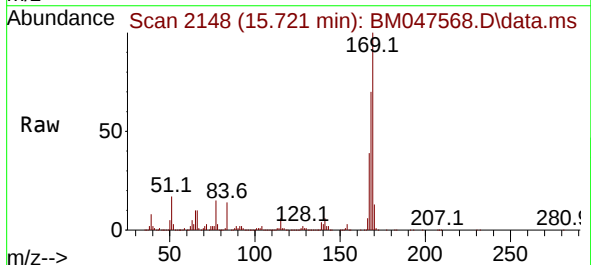
Instrument :
BNA_M
ClientSampleId :
PB163318BS

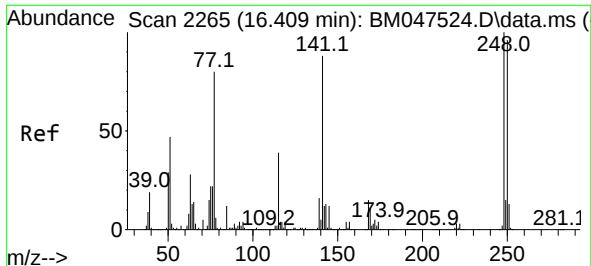
Tgt Ion:198 Resp: 240735
Ion Ratio Lower Upper
198 100
51 56.7 41.5 81.5
105 57.3 36.4 76.4



#66
n-Nitrosodiphenylamine
Concen: 48.315 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:169 Resp: 1575610
Ion Ratio Lower Upper
169 100
168 69.6 55.3 82.9
167 38.7 30.5 45.7

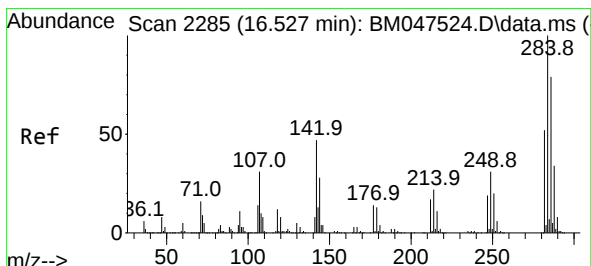
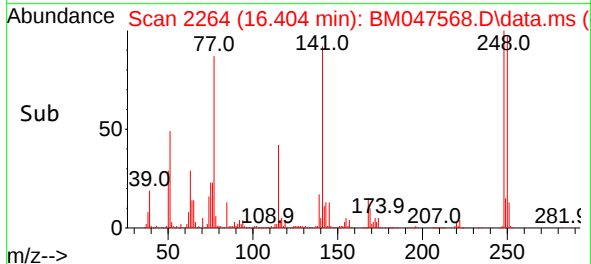
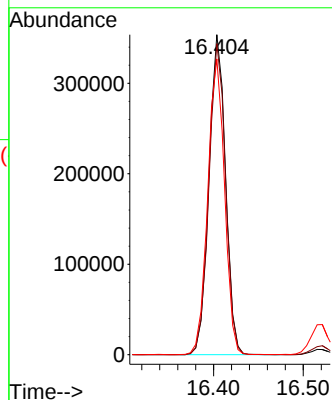
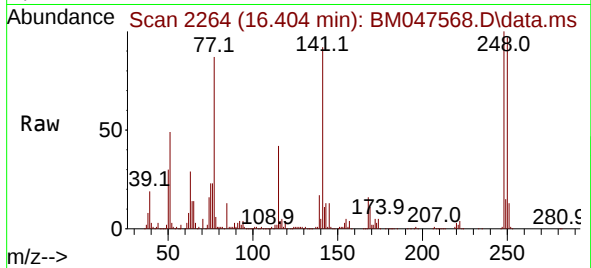




#67
4-Bromophenyl-phenylether
Concen: 44.020 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

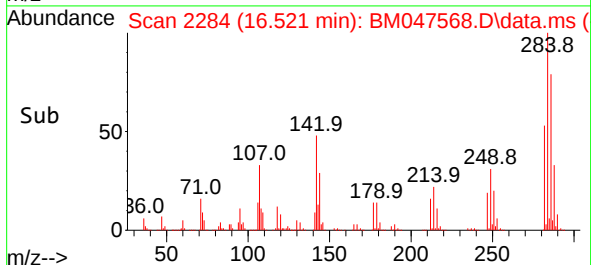
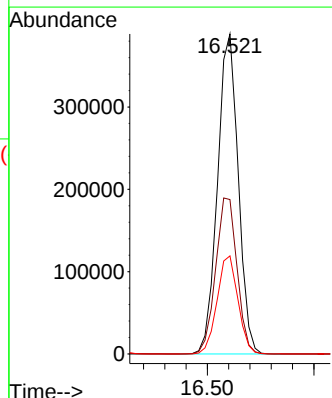
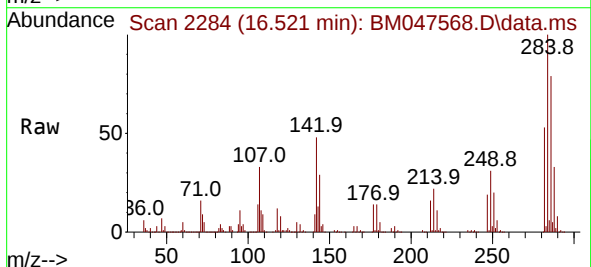
Instrument :
BNA_M
ClientSampleId :
PB163318BS

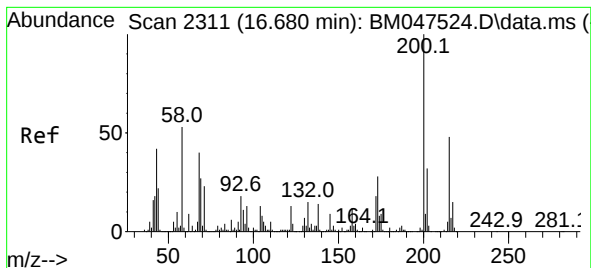
Tgt Ion:248 Resp: 455967
Ion Ratio Lower Upper
248 100
250 97.2 76.9 115.3
141 92.5 70.8 106.2



#68
Hexachlorobenzene
Concen: 44.635 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:284 Resp: 523759
Ion Ratio Lower Upper
284 100
142 48.3 37.3 55.9
249 30.6 24.5 36.7





#69

Atrazine

Concen: 51.477 ng

RT: 16.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

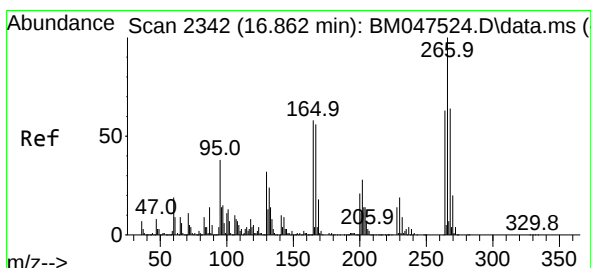
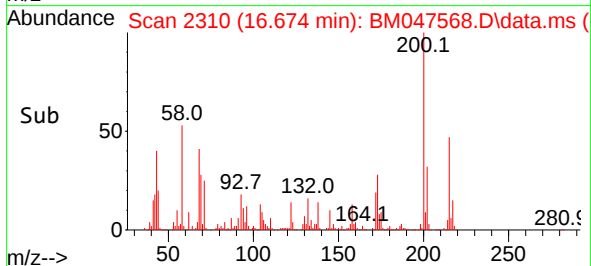
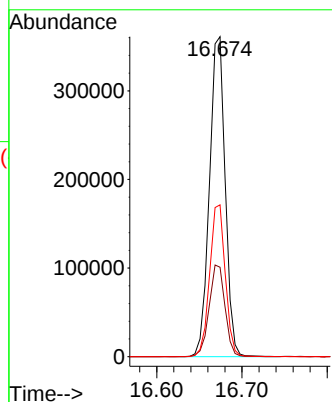
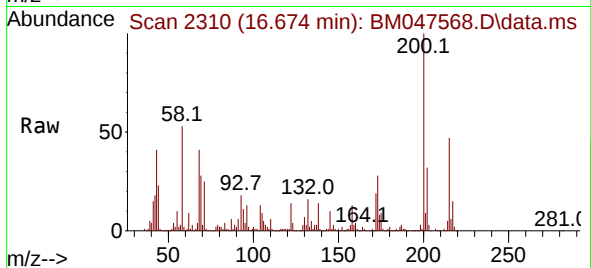
Tgt Ion:200 Resp: 463991

Ion Ratio Lower Upper

200 100

173 28.0 7.7 47.7

215 47.5 27.9 67.9



#70

Pentachlorophenol

Concen: 104.346 ng

RT: 16.857 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

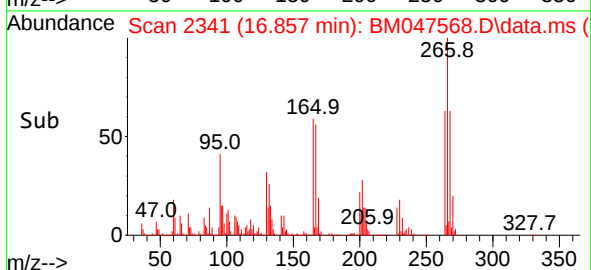
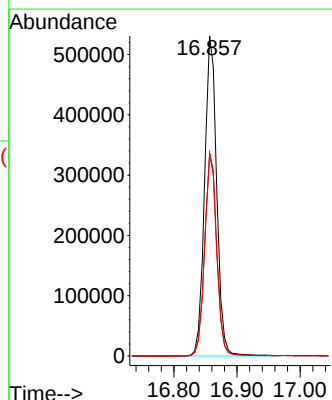
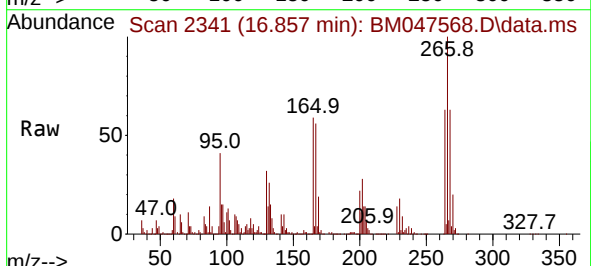
Tgt Ion:266 Resp: 709776

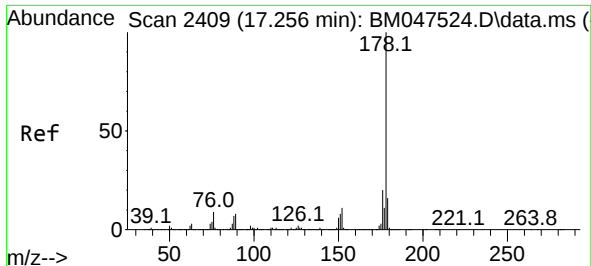
Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.4

264 63.3 50.4 75.6

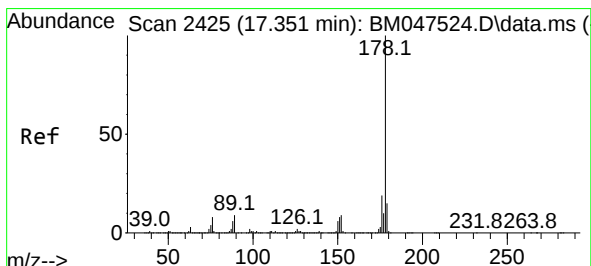
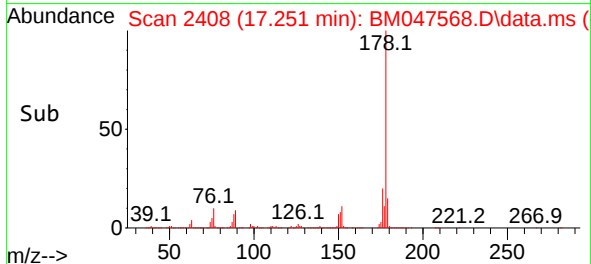
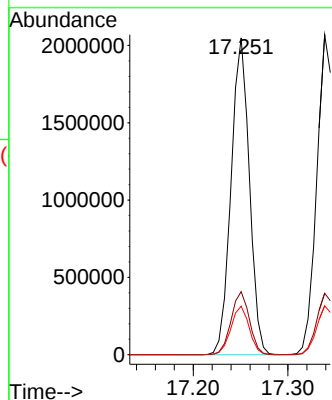
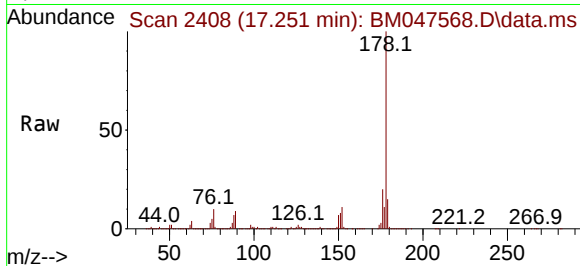




#71
Phenanthrene
Concen: 46.637 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

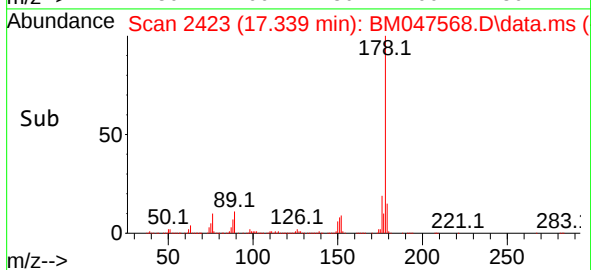
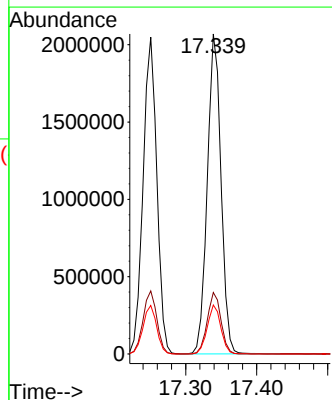
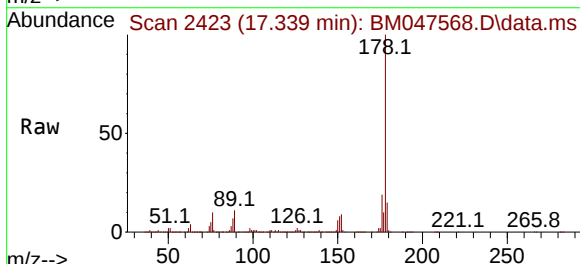
Instrument :
BNA_M
ClientSampleId :
PB163318BS

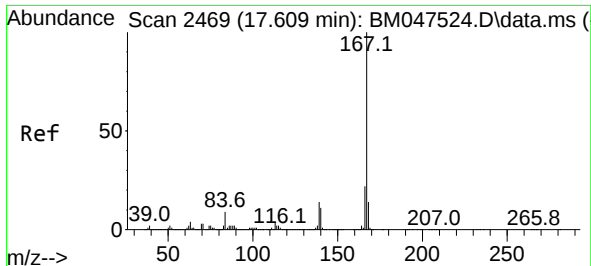
Tgt Ion:178 Resp: 2739821
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 49.217 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:178 Resp: 2777929
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.3 18.5



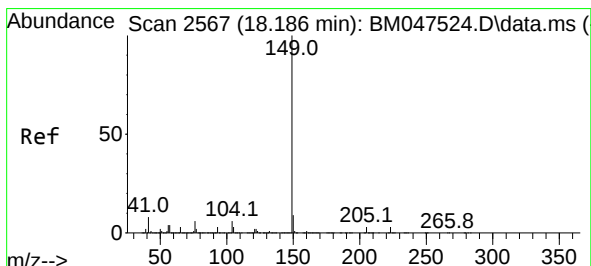
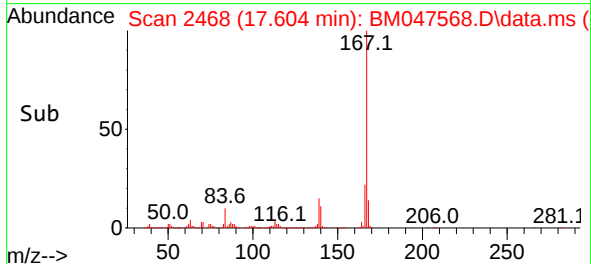
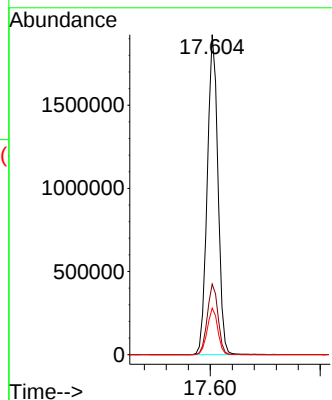
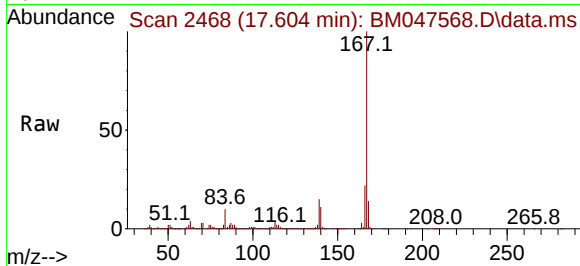


#73
 Carbazole
 Concen: 46.256 ng
 RT: 17.604 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM047568.D
 Acq: 19 Sep 2024 13:15

Instrument :
 BNA_M
 ClientSampleId :
 PB163318BS

Tgt Ion:167 Resp: 2587365

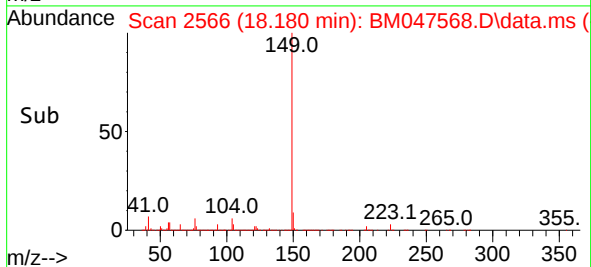
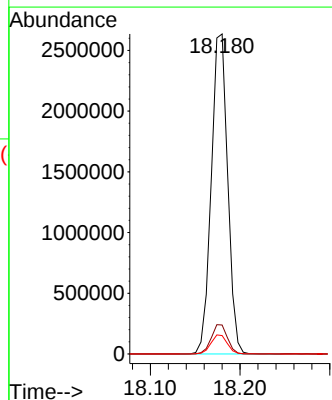
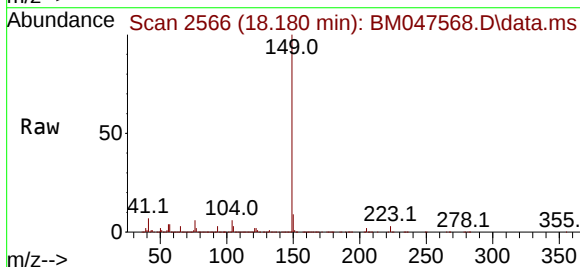
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	14.5	11.0	16.6

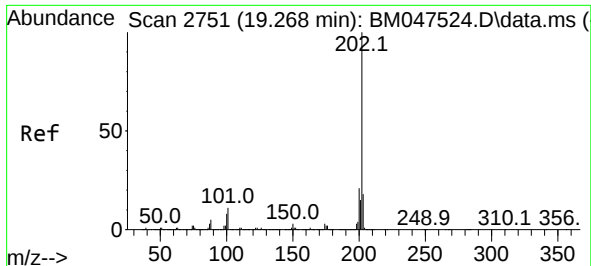


#74
 Di-n-butylphthalate
 Concen: 49.983 ng
 RT: 18.180 min Scan# 2566
 Delta R.T. -0.006 min
 Lab File: BM047568.D
 Acq: 19 Sep 2024 13:15

Tgt Ion:149 Resp: 3345257

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.7	4.6	6.8

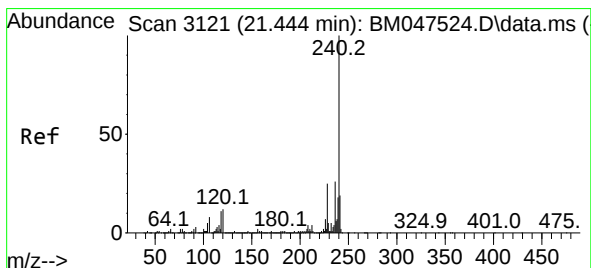
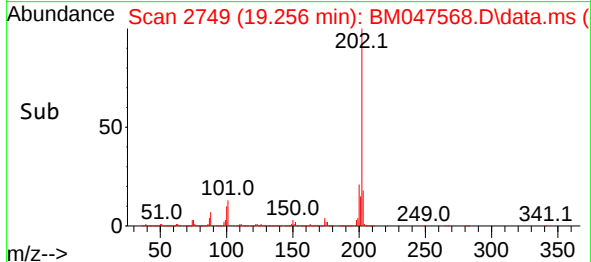
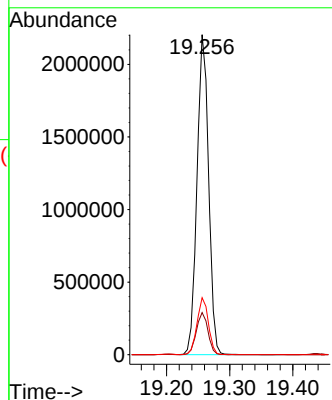
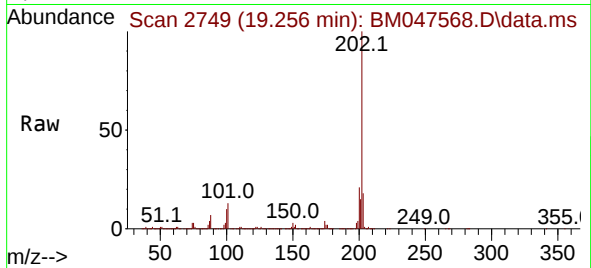




#75
Fluoranthene
Concen: 43.686 ng
RT: 19.256 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

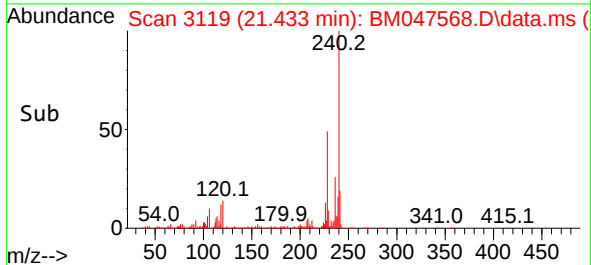
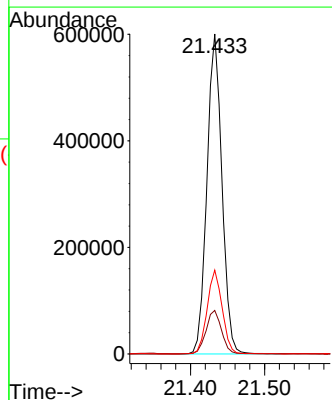
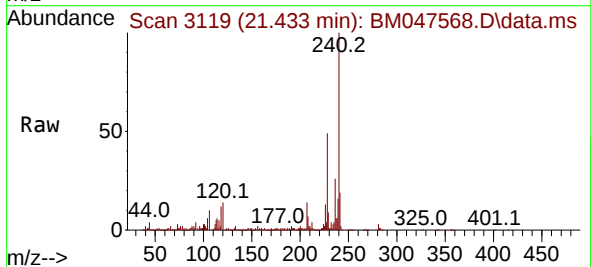
Instrument :
BNA_M
ClientSampleId :
PB163318BS

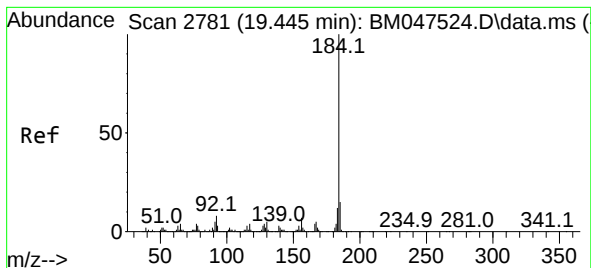
Tgt Ion:202 Resp: 2800166
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.8
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:240 Resp: 844898
Ion Ratio Lower Upper
240 100
120 13.6 9.6 14.4
236 26.2 20.9 31.3





#77

Benzidine

Concen: 88.854 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

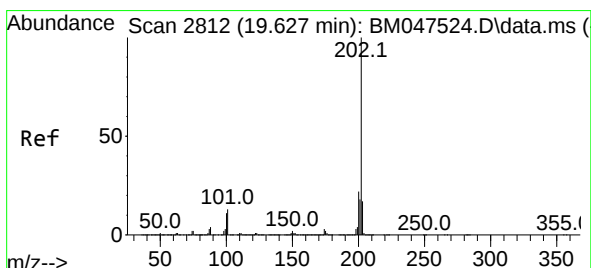
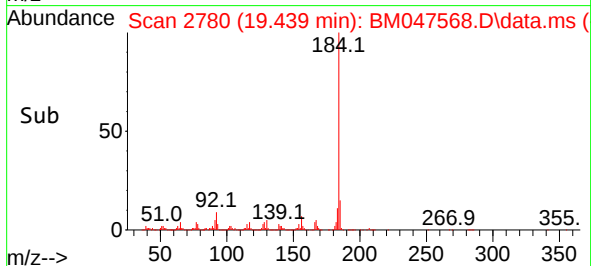
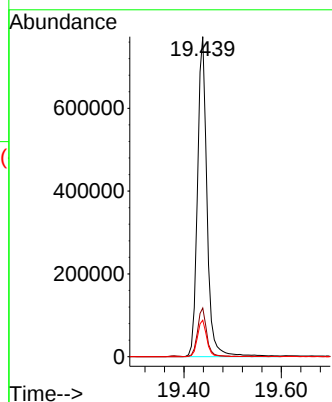
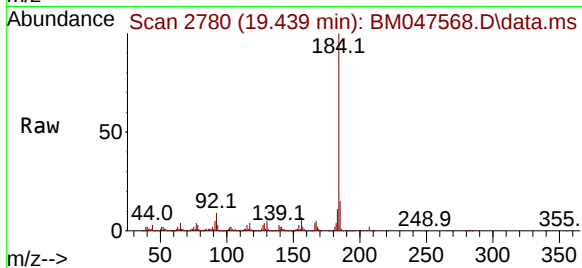
Tgt Ion:184 Resp: 1057298

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

183 11.4 9.6 14.4



#78

Pyrene

Concen: 48.761 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

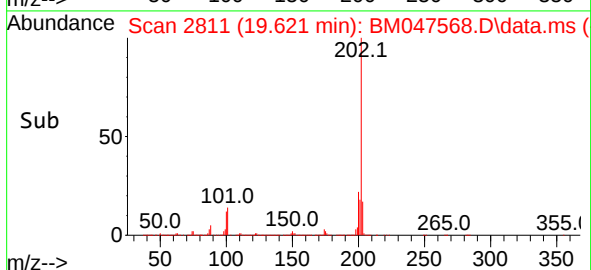
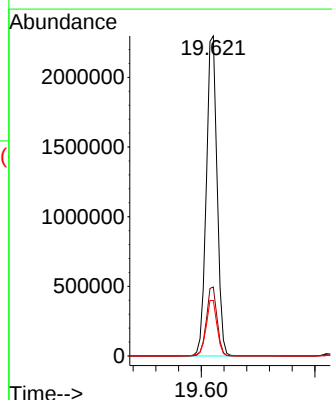
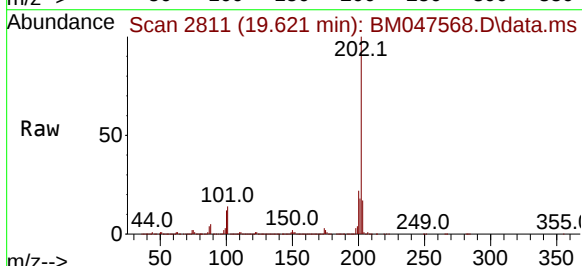
Tgt Ion:202 Resp: 3005093

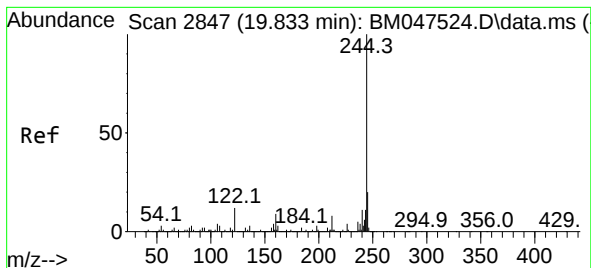
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 111.348 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

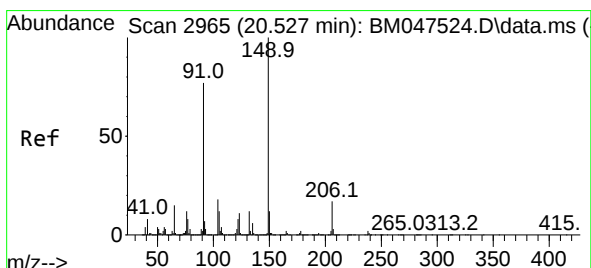
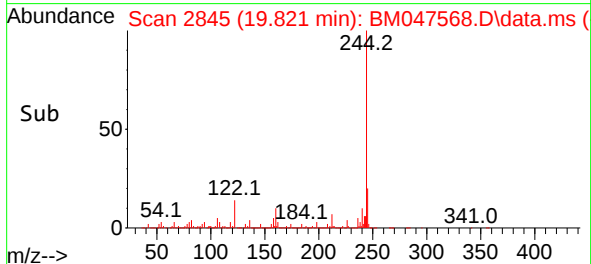
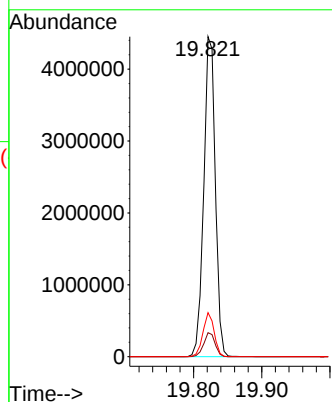
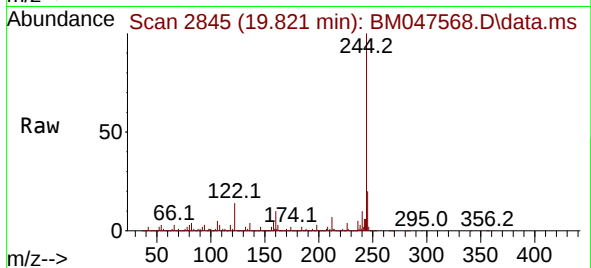
Tgt Ion:244 Resp: 5250065

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 56.558 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

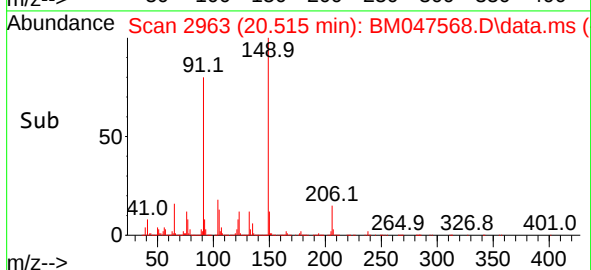
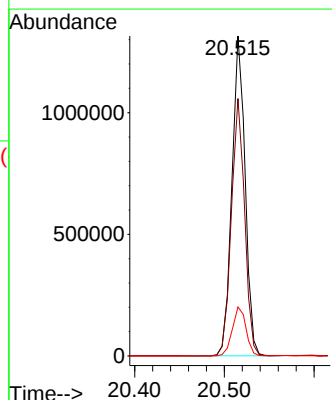
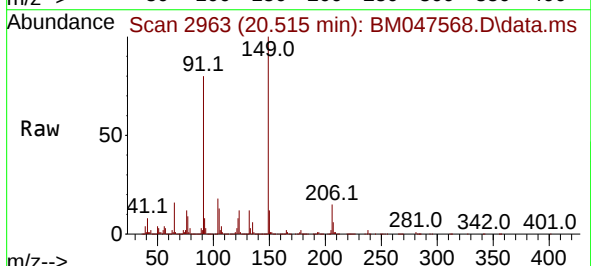
Tgt Ion:149 Resp: 1341786

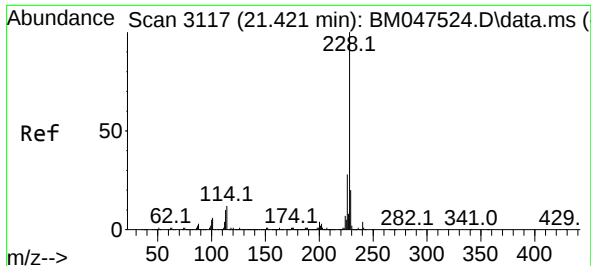
Ion Ratio Lower Upper

149 100

91 80.5 62.0 93.0

206 15.3 13.8 20.8

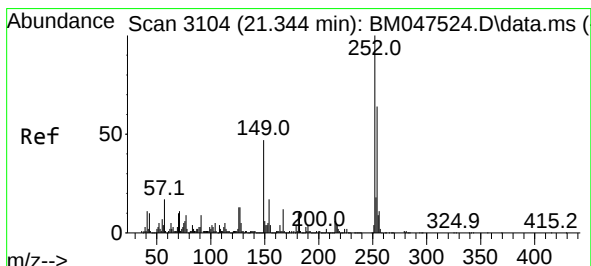
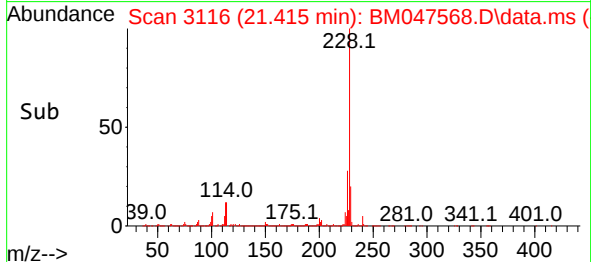
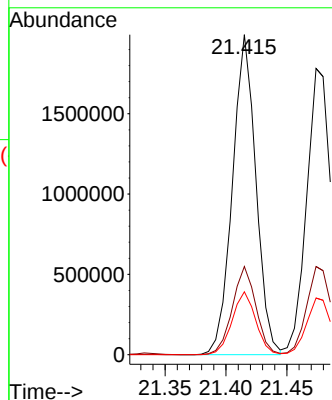
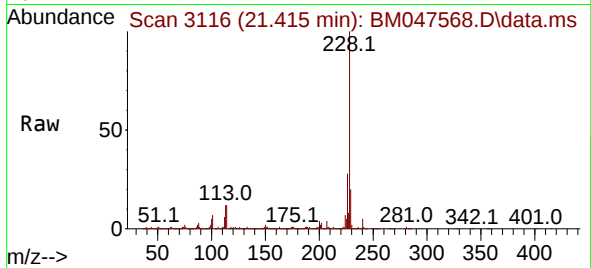




#81
Benzo(a)anthracene
Concen: 48.613 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

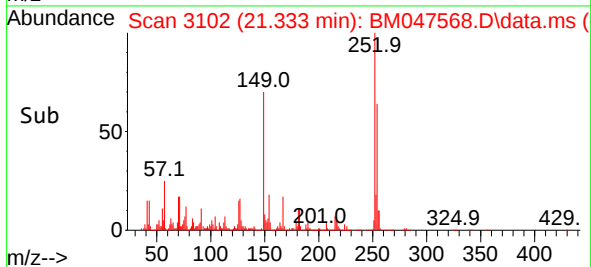
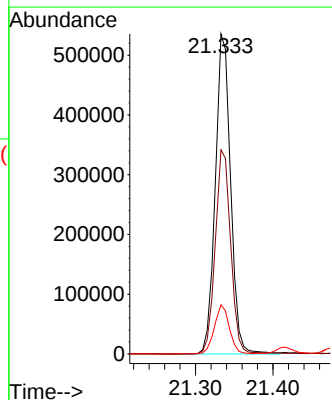
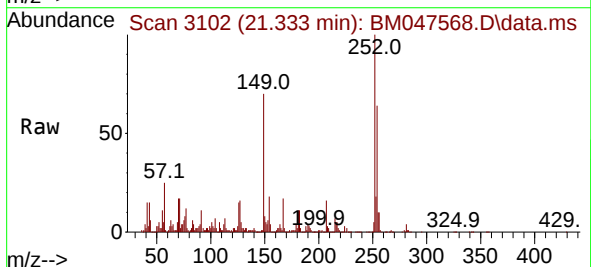
Instrument :
BNA_M
ClientSampleId :
PB163318BS

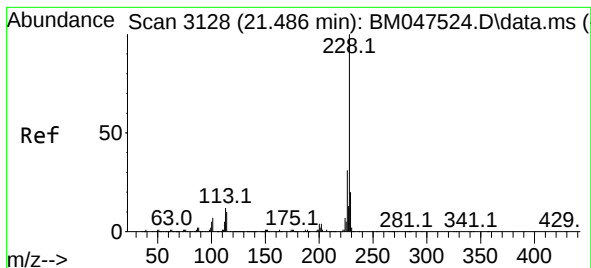
Tgt Ion:228 Resp: 2677135
Ion Ratio Lower Upper
228 100
226 27.5 22.4 33.6
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 50.365 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:252 Resp: 737815
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 15.4 10.3 15.5





#83

Chrysene

Concen: 48.432 ng

RT: 21.474 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

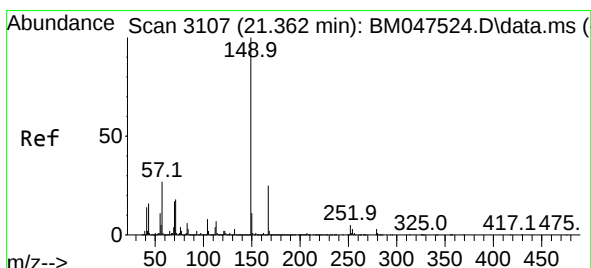
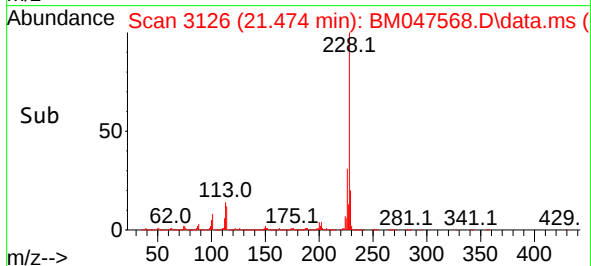
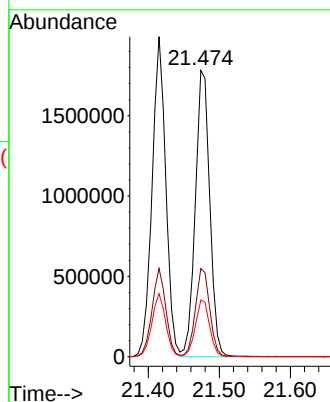
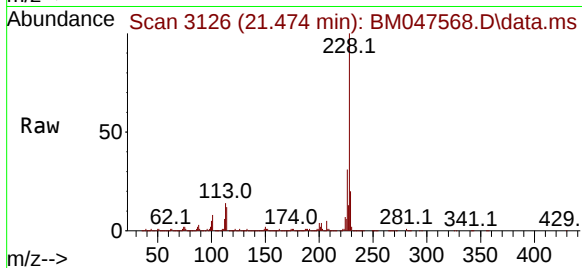
Tgt Ion:228 Resp: 2522781

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.572 ng

RT: 21.344 min Scan# 3104

Delta R.T. -0.018 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

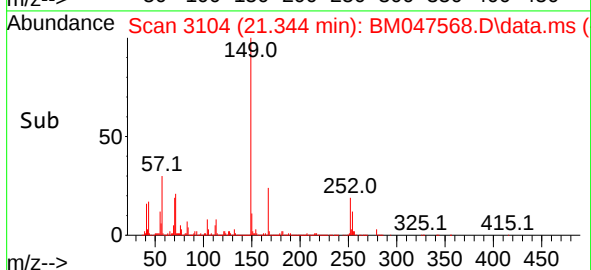
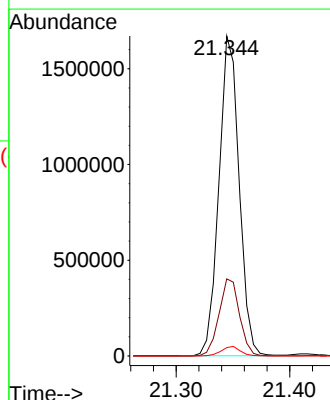
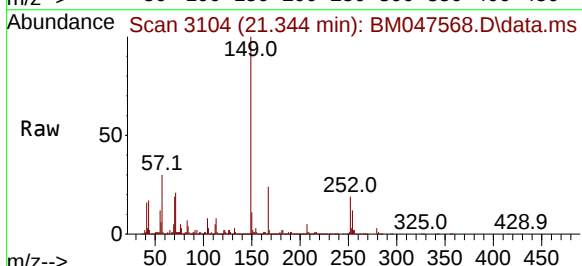
Tgt Ion:149 Resp: 2065319

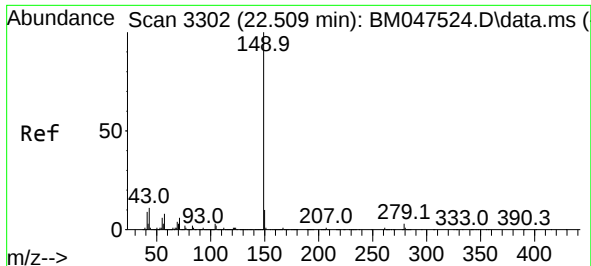
Ion Ratio Lower Upper

149 100

167 24.1 20.2 30.4

279 2.6 2.6 4.0#

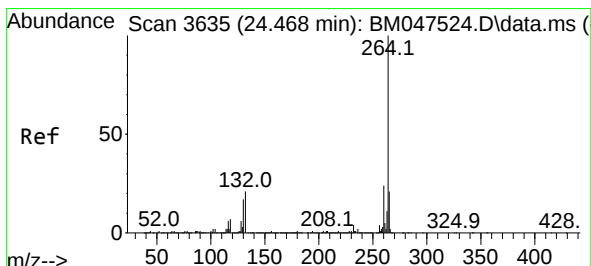
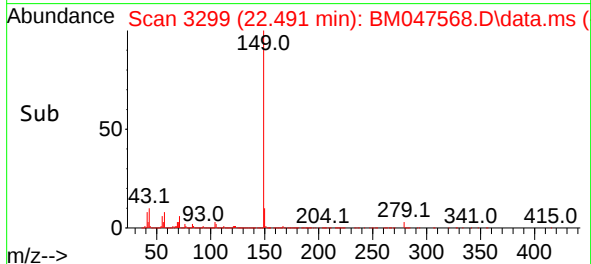
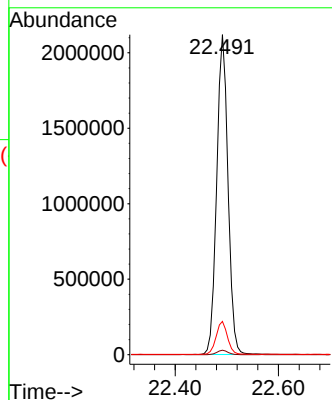
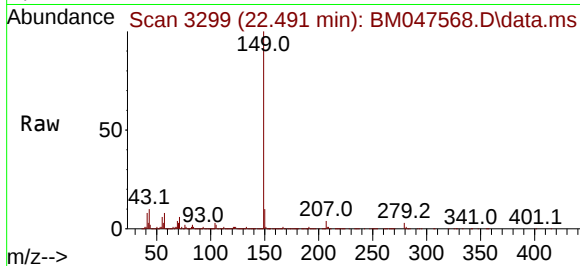




#85
Di-n-octyl phthalate
Concen: 61.068 ng
RT: 22.491 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

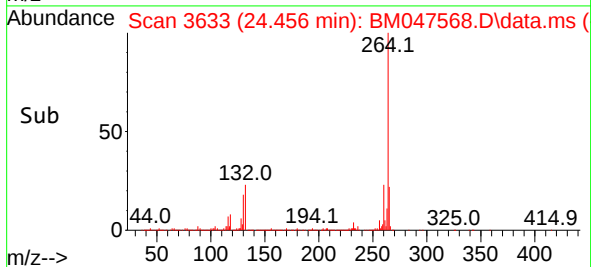
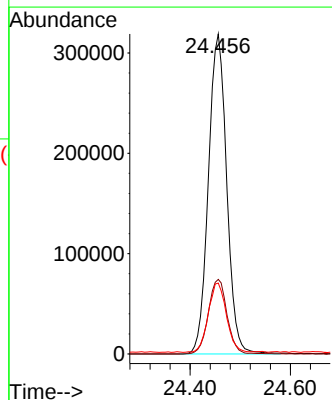
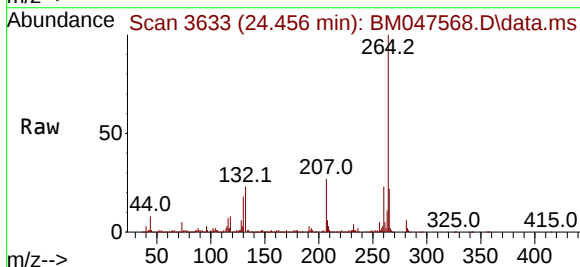
Instrument :
BNA_M
ClientSampleId :
PB163318BS

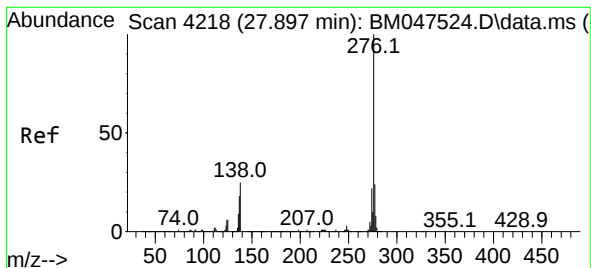
Tgt Ion:149 Resp: 3210329
Ion Ratio Lower Upper
149 100
167 1.3 1.1 1.7
43 10.4 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.012 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:264 Resp: 808669
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 22.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.665 ng

RT: 27.879 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

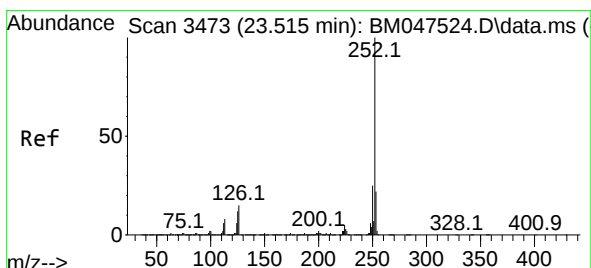
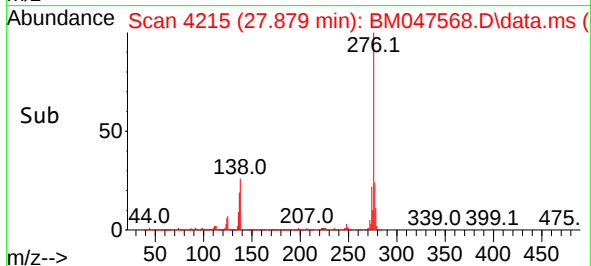
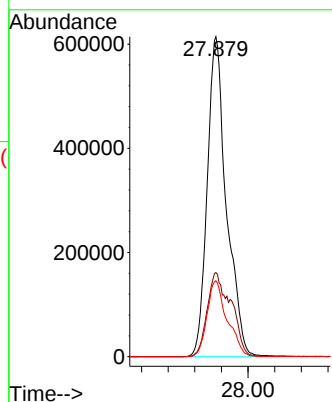
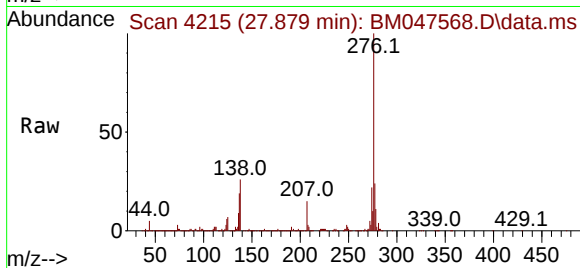
Tgt Ion:276 Resp: 3081058

Ion Ratio Lower Upper

276 100

138 32.6 25.0 37.6

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.560 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

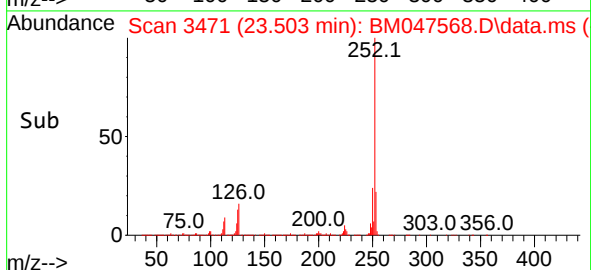
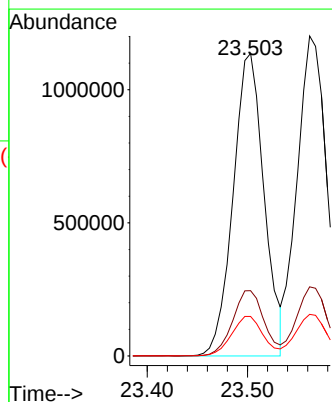
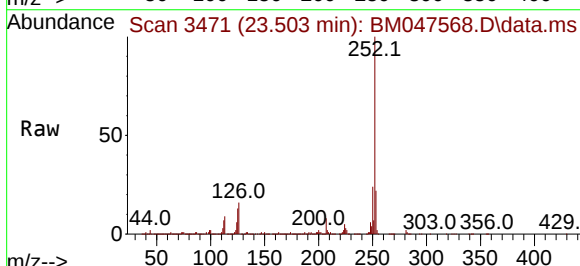
Tgt Ion:252 Resp: 2436128

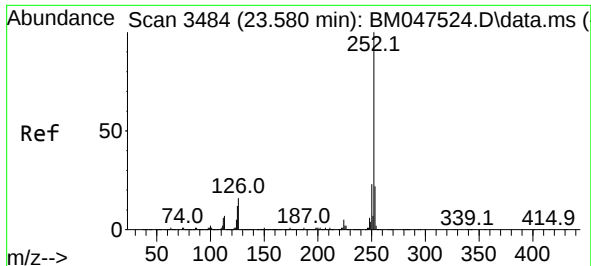
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 13.1 9.5 14.3

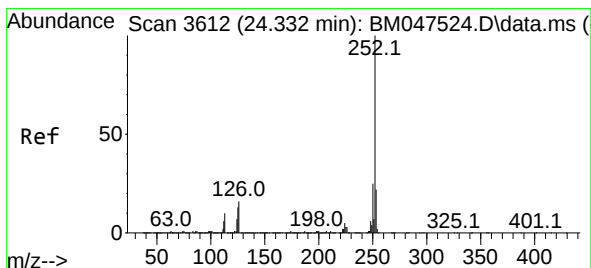
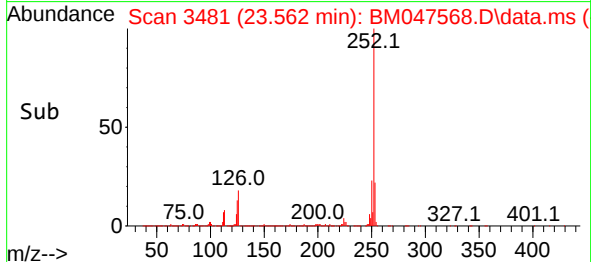
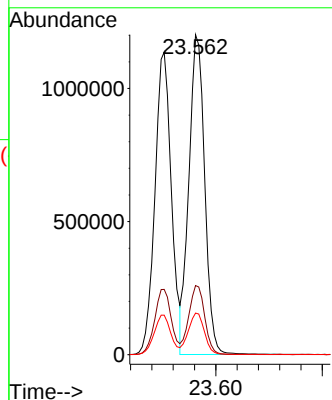
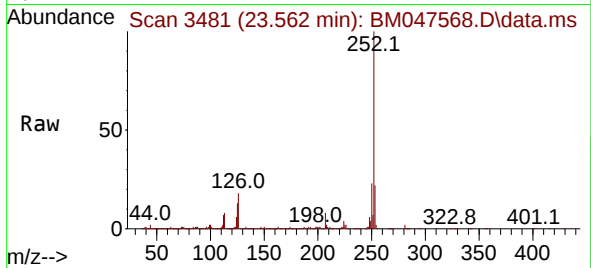




#89
Benzo(k)fluoranthene
Concen: 47.799 ng
RT: 23.562 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

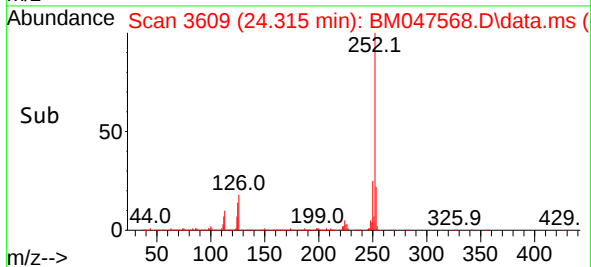
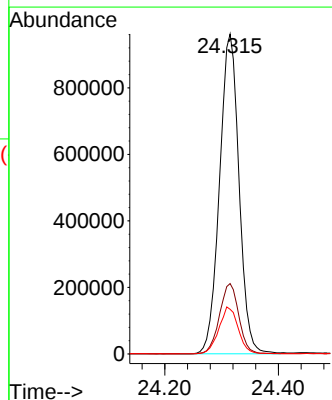
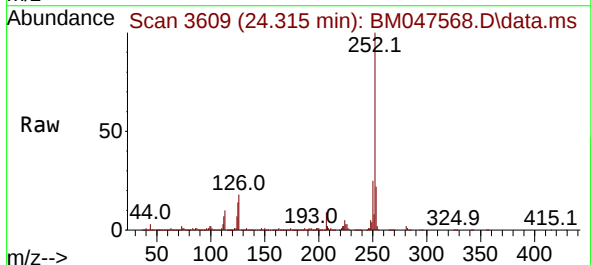
Instrument :
BNA_M
ClientSampleId :
PB163318BS

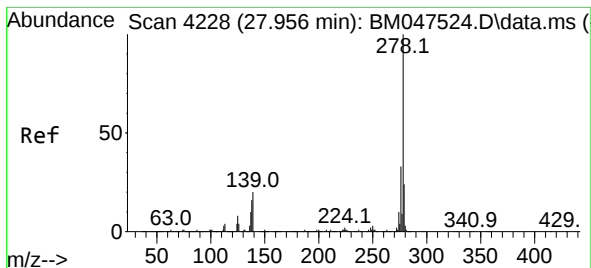
Tgt Ion:252 Resp: 2478620
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 13.0 9.5 14.3



#90
Benzo(a)pyrene
Concen: 53.387 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.018 min
Lab File: BM047568.D
Acq: 19 Sep 2024 13:15

Tgt Ion:252 Resp: 2289428
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 14.0 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 62.334 ng

RT: 27.944 min Scan# 4396

Delta R.T. -0.012 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Instrument :

BNA_M

ClientSampleId :

PB163318BS

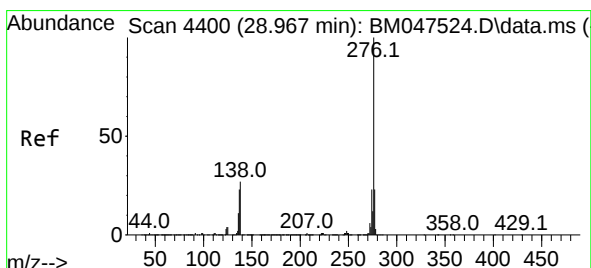
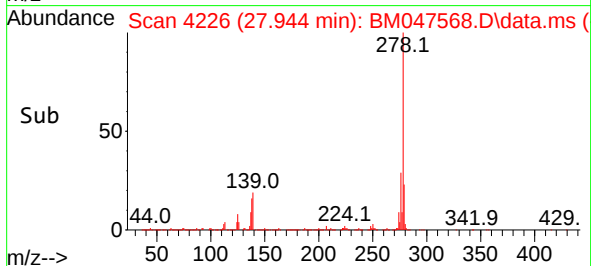
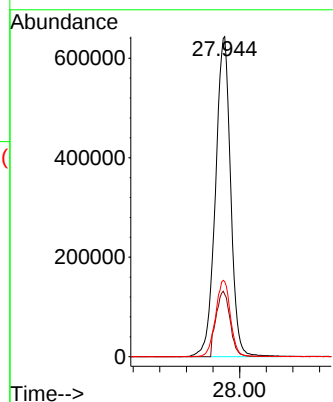
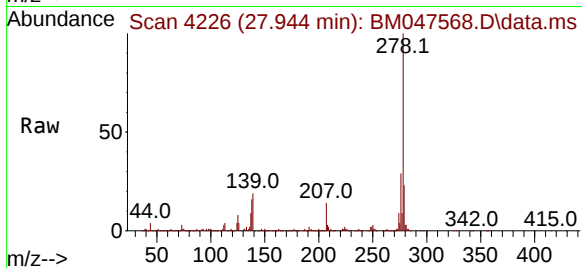
Tgt Ion:278 Resp: 2538011

Ion Ratio Lower Upper

278 100

139 19.5 15.9 23.9

279 23.5 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 58.978 ng

RT: 28.944 min Scan# 4396

Delta R.T. -0.023 min

Lab File: BM047568.D

Acq: 19 Sep 2024 13:15

Tgt Ion:276 Resp: 2345773

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 27.6 21.5 32.3

