

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047576.D
 Acq On : 19 Sep 2024 18:32
 Operator : RC/JU
 Sample : PB163525BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163525BS

Quant Time: Sep 20 02:32:13 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	347794	20.000	ng	-0.01
21) Naphthalene-d8	10.639	136	1413634	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	725458	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1249098	20.000	ng	0.00
76) Chrysene-d12	21.433	240	931080	20.000	ng	-0.01
86) Perylene-d12	24.456	264	885105	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2888930	132.257	ng	0.00
7) Phenol-d6	7.004	99	3612760	117.444	ng	0.00
23) Nitrobenzene-d5	8.992	82	2210663	78.263	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	793587	113.173	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4125182	78.330	ng	-0.01
79) Terphenyl-d14	19.821	244	4789115	92.170	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	331363	35.418	ng	98
3) Pyridine	3.710	79	928418	33.337	ng	96
4) n-Nitrosodimethylamine	3.616	42	456173	36.102	ng	92
6) Aniline	7.163	93	999294	36.642	ng	99
8) 2-Chlorophenol	7.404	128	981140	40.745	ng	100
9) Benzaldehyde	6.975	77	175113	11.972	ng	98
10) Phenol	7.034	94	1259711	40.898	ng	97
11) bis(2-Chloroethyl)ether	7.263	93	972699	39.336	ng	99
12) 1,3-Dichlorobenzene	7.734	146	1004459	38.110	ng	98
13) 1,4-Dichlorobenzene	7.875	146	1033050	38.481	ng	99
14) 1,2-Dichlorobenzene	8.192	146	985245	37.292	ng	99
15) Benzyl Alcohol	8.075	79	833973	40.024	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1340521	38.538	ng	98
17) 2-Methylphenol	8.281	107	785456	39.918	ng	99
18) Hexachloroethane	8.928	117	423873	39.525	ng	96
19) n-Nitroso-di-n-propyla...	8.645	70	771693	37.207	ng	97
20) 3+4-Methylphenols	8.604	107	1055131	38.430	ng	100
22) Acetophenone	8.657	105	1445956	38.906	ng	99
24) Nitrobenzene	9.039	77	1109457	38.224	ng	100
25) Isophorone	9.569	82	1901444	38.290	ng	99
26) 2-Nitrophenol	9.745	139	424485	42.917	ng	98
27) 2,4-Dimethylphenol	9.810	122	742008	49.489	ng	99
28) bis(2-Chloroethoxy)met...	10.045	93	1214357	38.931	ng	99
29) 2,4-Dichlorophenol	10.280	162	754301	39.599	ng	98
30) 1,2,4-Trichlorobenzene	10.498	180	781200	35.802	ng	99
31) Naphthalene	10.686	128	2858881	37.446	ng	100
32) Benzoic acid	9.928	122	518412	36.879	ng	98
33) 4-Chloroaniline	10.786	127	454493	16.465	ng	99
34) Hexachlorobutadiene	10.980	225	432054	35.749	ng	98
35) Caprolactam	11.557	113	135606	21.613	ng	93
36) 4-Chloro-3-methylphenol	11.916	107	826287	37.851	ng	99
37) 2-Methylnaphthalene	12.298	142	1861062	36.625	ng	99
38) 1-Methylnaphthalene	12.516	142	1721447	34.090	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	798230	40.663	ng	# 97
41) Hexachlorocyclopentadiene	12.657	237	1038149	161.771	ng	98
43) 2,4,6-Trichlorophenol	12.904	196	520484	42.321	ng	98

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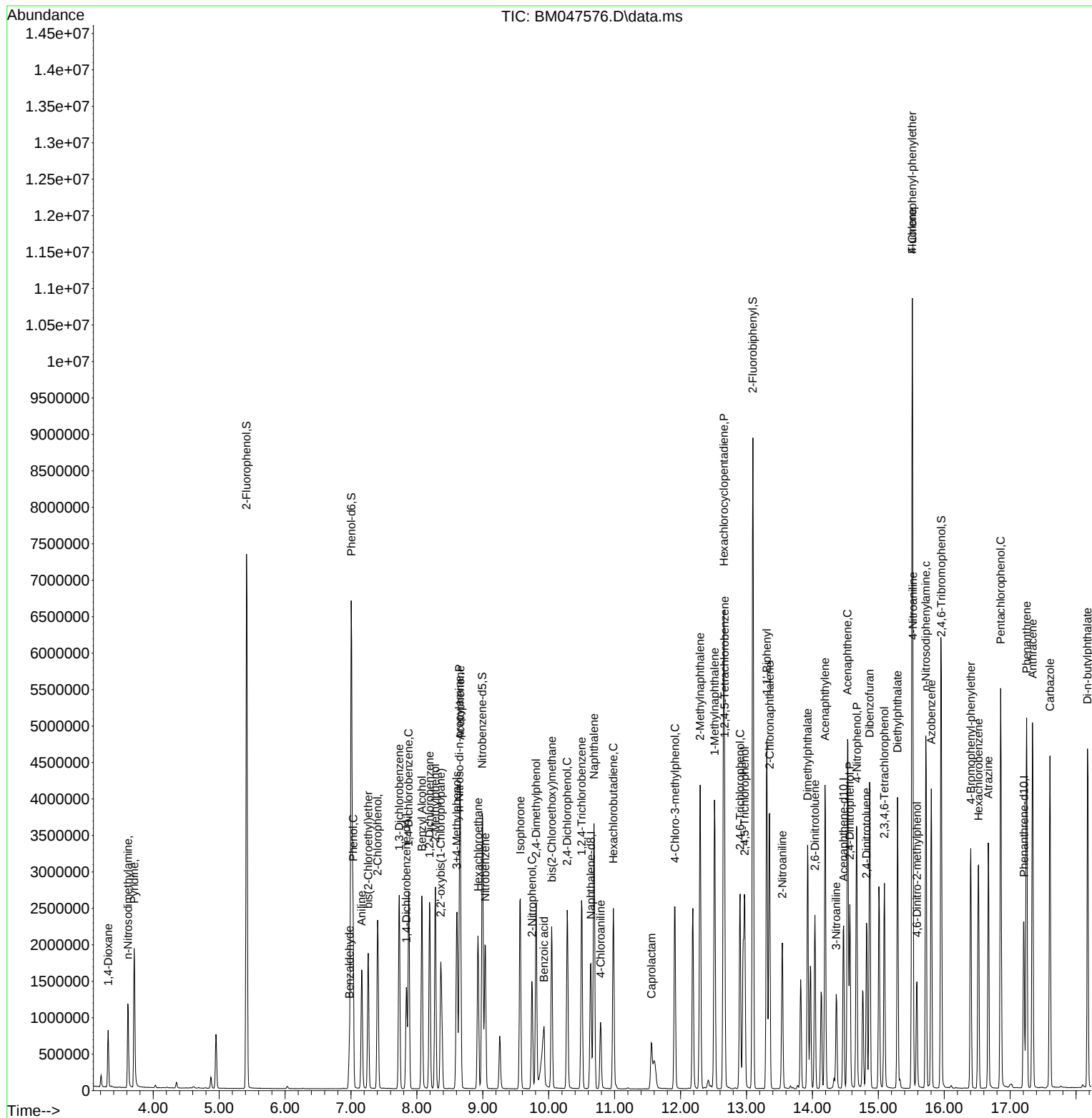
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	560030	40.316	ng	98
46) 1,1'-Biphenyl	13.310	154	2247943	39.826	ng	99
47) 2-Chloronaphthalene	13.351	162	1693672	38.643	ng	99
48) 2-Nitroaniline	13.545	65	531401	41.280	ng	99
49) Acenaphthylene	14.192	152	2666385	42.159	ng	99
50) Dimethylphthalate	13.927	163	1916375	38.757	ng	100
51) 2,6-Dinitrotoluene	14.039	165	388986	37.266	ng	98
52) Acenaphthene	14.533	154	1703533	38.442	ng	98
53) 3-Nitroaniline	14.363	138	285396	24.599	ng	100
54) 2,4-Dinitrophenol	14.568	184	390320	70.151	ng	97
55) Dibenzofuran	14.868	168	2384039	38.284	ng	97
56) 4-Nitrophenol	14.674	139	840422	88.028	ng	96
57) 2,4-Dinitrotoluene	14.821	165	535728	38.483	ng	96
58) Fluorene	15.515	166	2103455	37.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	427487	39.471	ng	95
60) Diethylphthalate	15.292	149	2026057	38.501	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	934390	36.449	ng	99
62) 4-Nitroaniline	15.527	138	489818	35.916	ng	95
63) Azobenzene	15.804	77	2357940	40.693	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	229035	37.793	ng	96
66) n-Nitrosodiphenylamine	15.721	169	1579760	41.342	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	461145	37.995	ng	98
68) Hexachlorobenzene	16.521	284	519725	37.799	ng	98
69) Atrazine	16.668	200	460869	43.636	ng	97
70) Pentachlorophenol	16.857	266	699067	87.708	ng	99
71) Phenanthrene	17.251	178	2724604	39.580	ng	100
72) Anthracene	17.339	178	2764781	41.804	ng	99
73) Carbazole	17.604	167	2513569	38.350	ng	99
74) Di-n-butylphthalate	18.174	149	3218574	41.042	ng	100
75) Fluoranthene	19.256	202	2656969	35.376	ng	97
77) Benzidine	19.439	184	1043088	79.546	ng	99
78) Pyrene	19.621	202	2849478	41.956	ng	99
80) Butylbenzylphthalate	20.515	149	1231170	47.092	ng	94
81) Benzo(a)anthracene	21.415	228	2465184	40.621	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	556704	34.484	ng	99
83) Chrysene	21.480	228	2315290	40.334	ng	99
84) Bis(2-ethylhexyl)phtha...	21.344	149	1902284	46.447	ng	99
85) Di-n-octyl phthalate	22.491	149	2875860	49.642	ng	98
87) Indeno(1,2,3-cd)pyrene	27.879	276	2594990	48.991	ng	98
88) Benzo(b)fluoranthene	23.503	252	2151679	37.572	ng	98
89) Benzo(k)fluoranthene	23.562	252	2182535	38.454	ng	98
90) Benzo(a)pyrene	24.315	252	1997687	42.561	ng	98
91) Dibenzo(a,h)anthracene	27.938	278	2156273	48.385	ng	100
92) Benzo(g,h,i)perylene	28.944	276	1986278	45.627	ng	97

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

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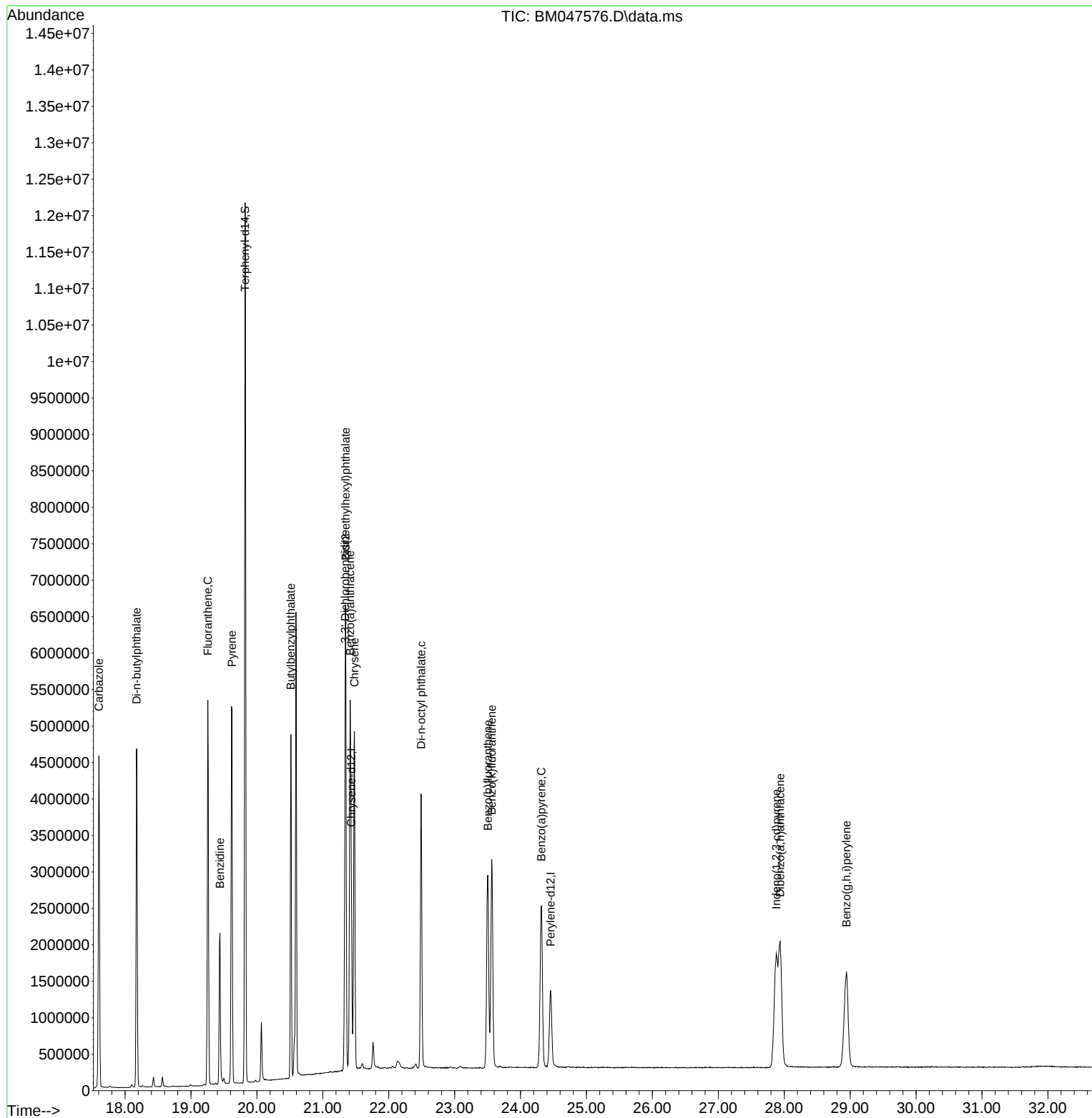
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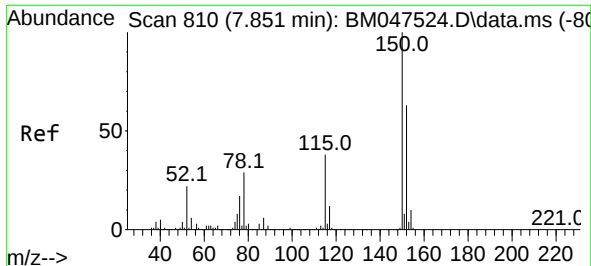


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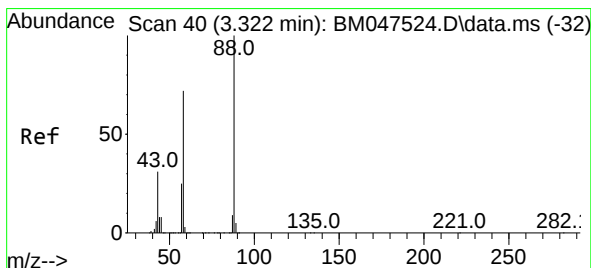
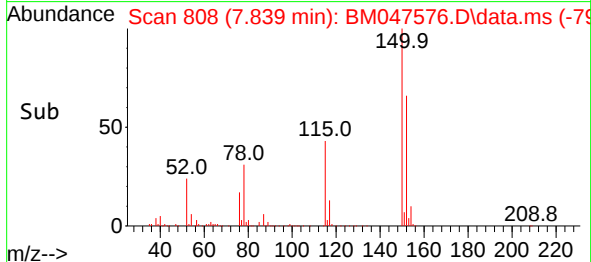
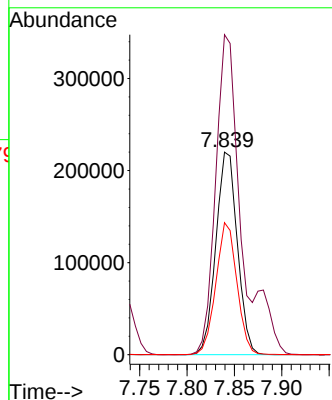
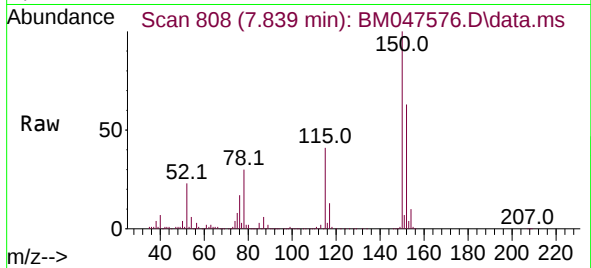




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

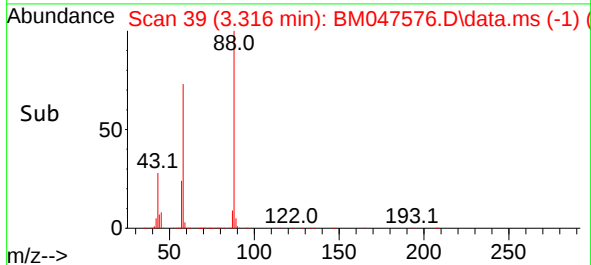
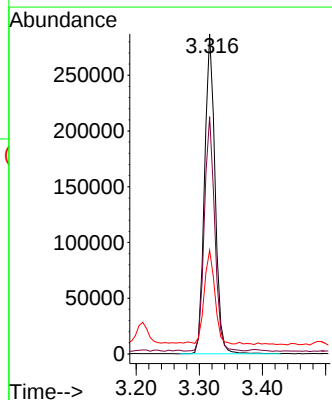
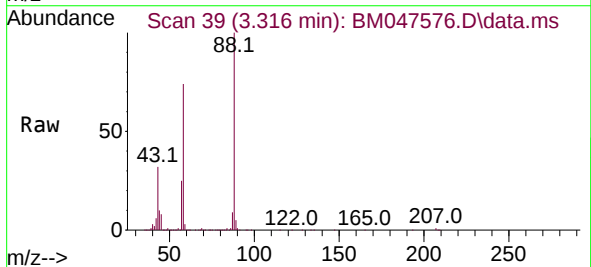
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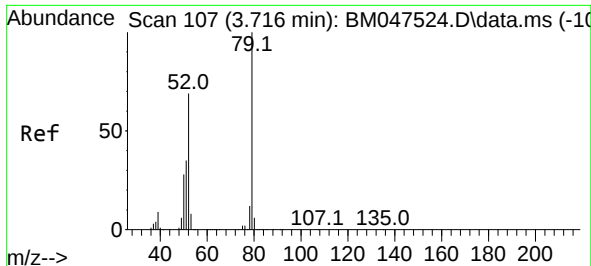
Tgt Ion:152 Resp: 347794
Ion Ratio Lower Upper
152 100
150 158.0 126.8 190.2
115 65.2 47.8 71.8



#2
1,4-Dioxane
Concen: 35.418 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion: 88 Resp: 331363
Ion Ratio Lower Upper
88 100
58 72.5 59.0 88.6
43 29.2 25.0 37.4

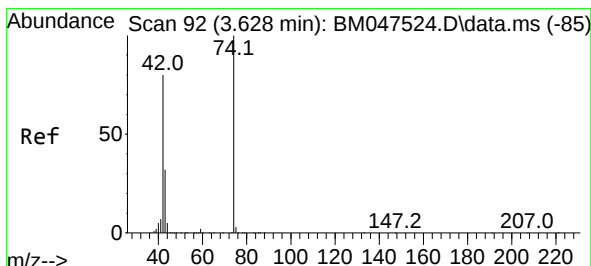
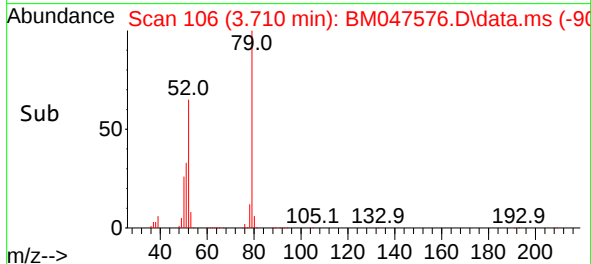
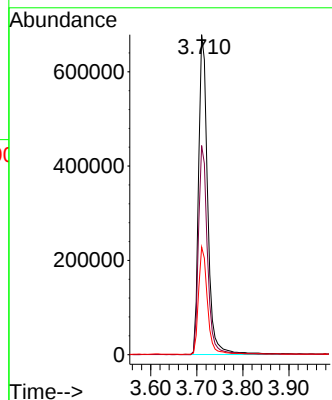
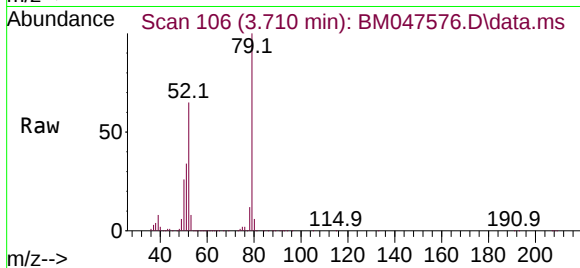




#3
Pyridine
Concen: 33.337 ng
RT: 3.710 min Scan# 107
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

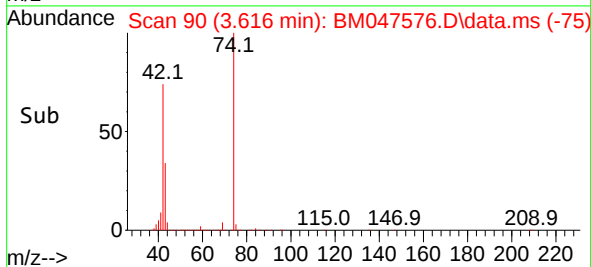
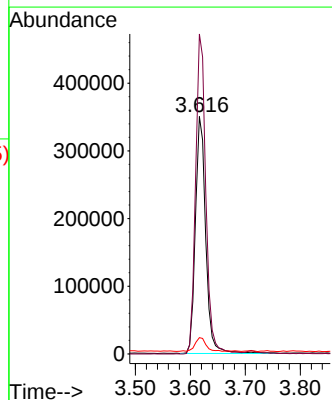
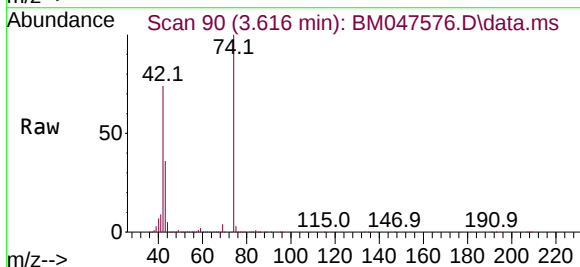
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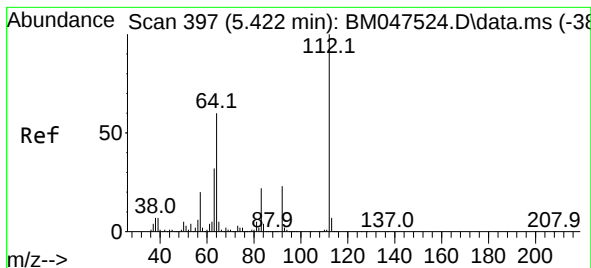
Tgt Ion: 79 Resp: 928418
Ion Ratio Lower Upper
79 100
52 65.3 55.4 83.0
51 33.7 27.9 41.9



#4
n-Nitrosodimethylamine
Concen: 36.102 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion: 42 Resp: 456173
Ion Ratio Lower Upper
42 100
74 134.8 100.5 150.7
44 6.9 6.9 10.3

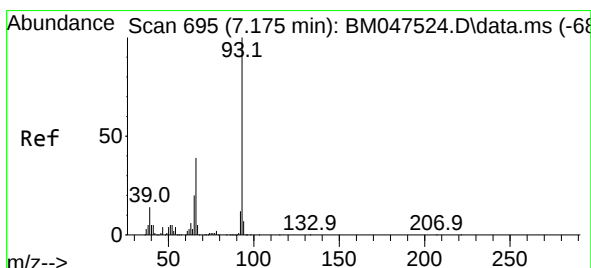
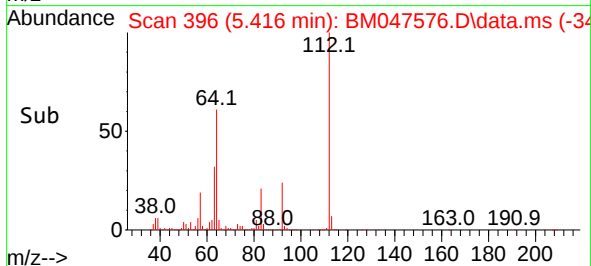
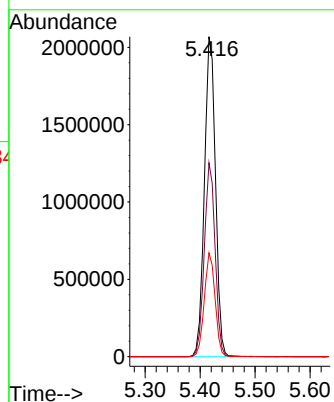
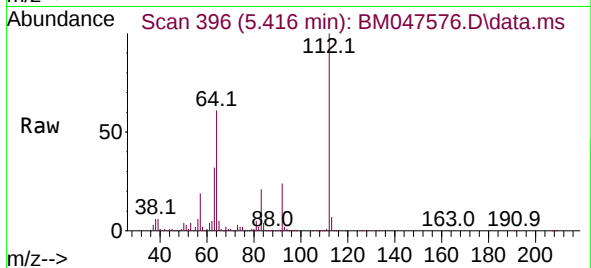




#5
2-Fluorophenol
Concen: 132.257 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047576.D
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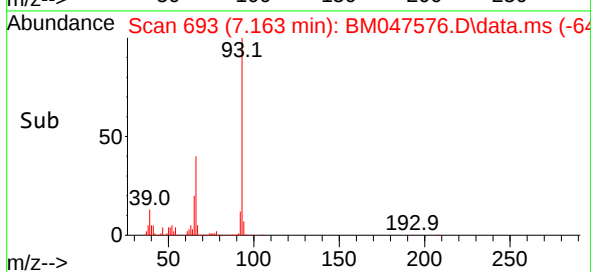
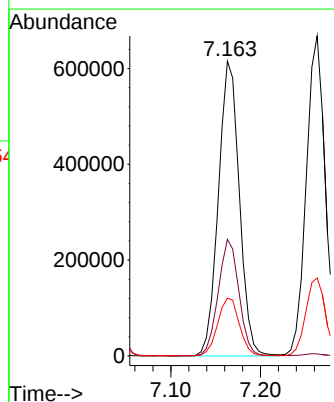
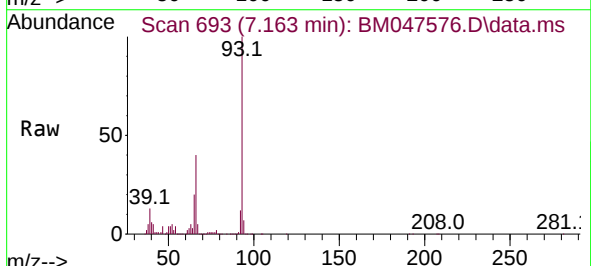
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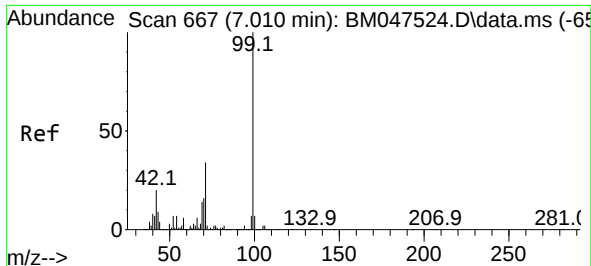
Tgt Ion:112 Resp: 2888930
Ion Ratio Lower Upper
112 100
64 60.6 48.2 72.4
63 32.5 26.0 39.0



#6
Aniline
Concen: 36.642 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion: 93 Resp: 999294
Ion Ratio Lower Upper
93 100
66 39.6 31.4 47.0
65 19.6 16.3 24.5

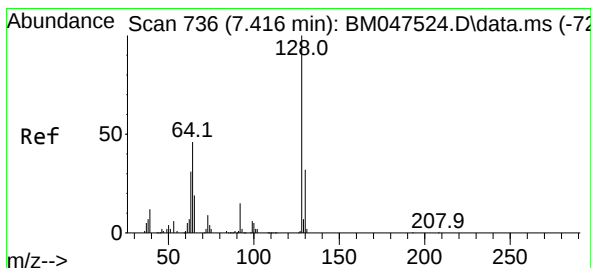
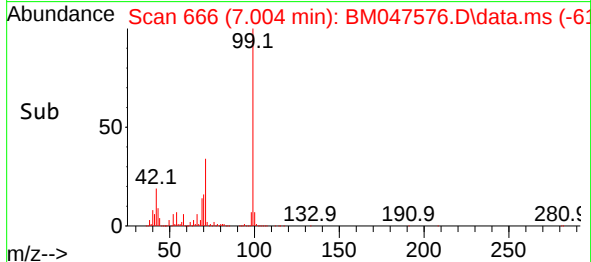
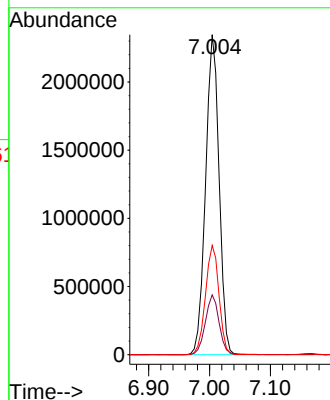
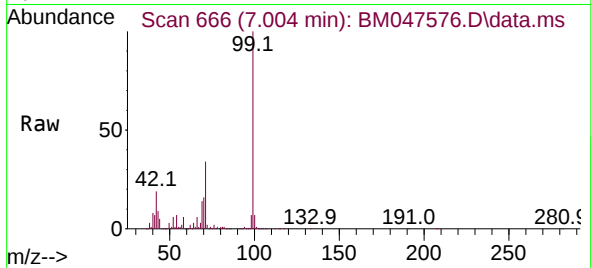




#7
Phenol-d6
Concen: 117.444 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047576.D
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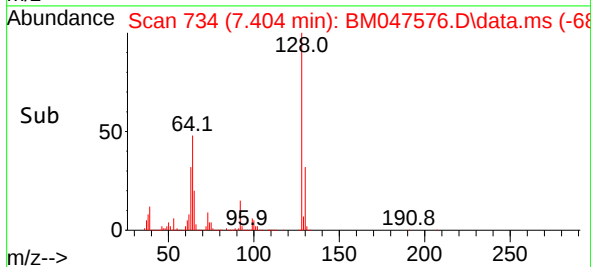
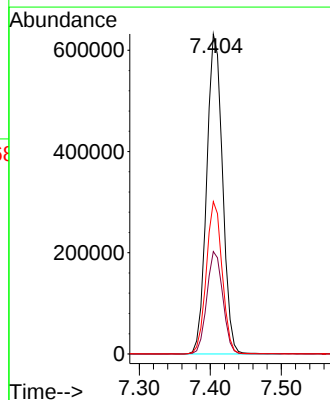
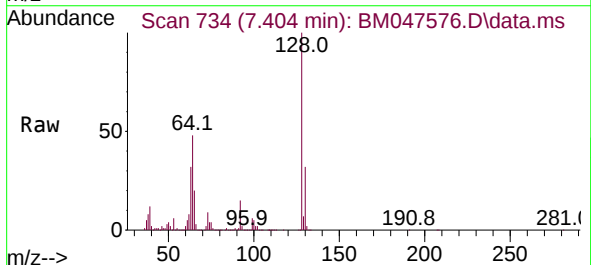
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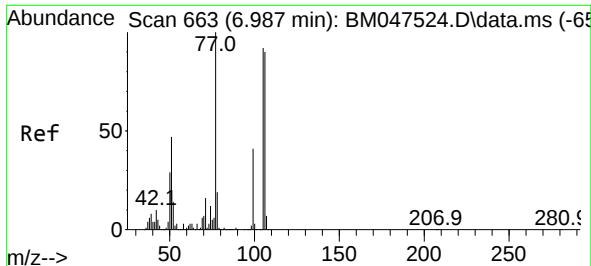
Tgt Ion: 99 Resp: 3612760
Ion Ratio Lower Upper
99 100
42 18.7 15.8 23.8
71 34.1 27.6 41.4



#8
2-Chlorophenol
Concen: 40.745 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.012 min
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Tgt Ion:128 Resp: 981140
Ion Ratio Lower Upper
128 100
130 32.0 11.8 51.8
64 47.6 27.6 67.6

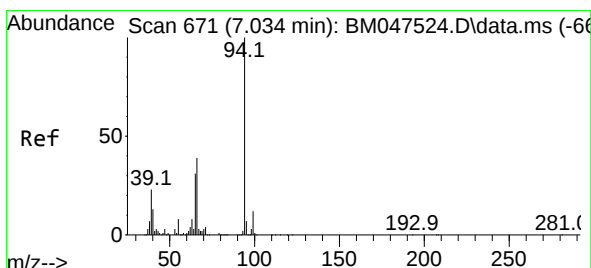
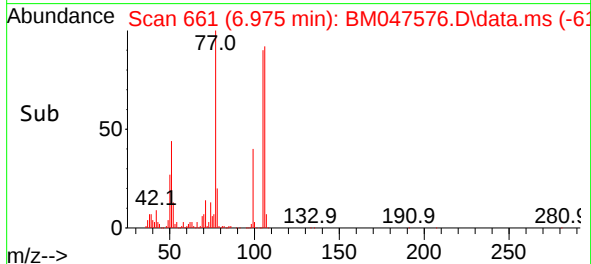
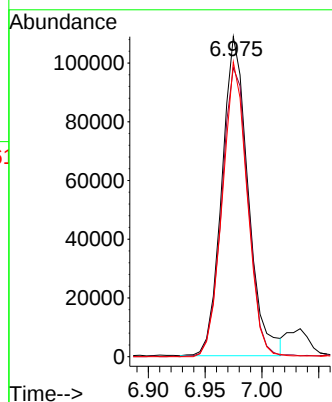
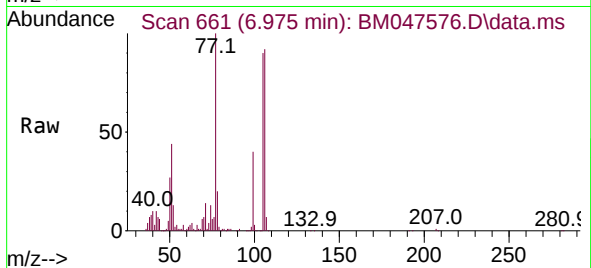




#9
Benzaldehyde
Concen: 11.972 ng
RT: 6.975 min Scan# 60
Delta R.T. -0.012 min
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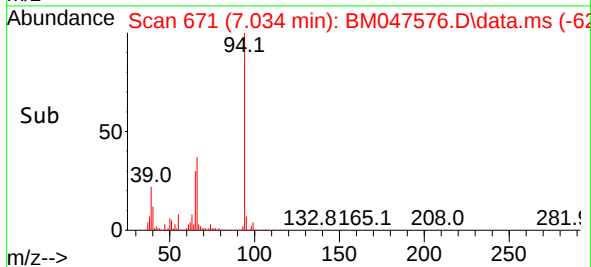
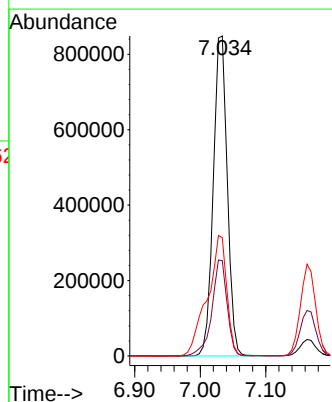
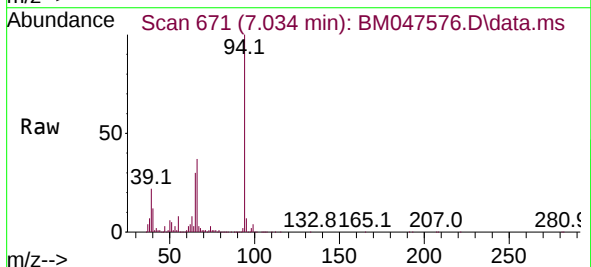
Instrument :
BNA_M
ClientSampleId :
PB163525BS

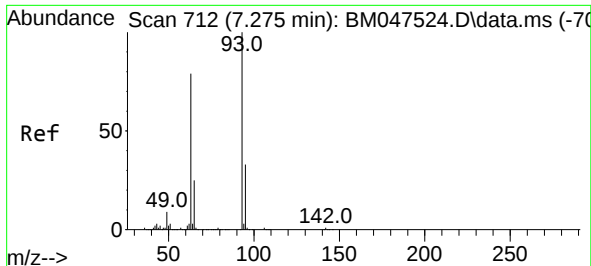
Tgt Ion: 77 Resp: 175113
Ion Ratio Lower Upper
77 100
105 90.3 71.8 111.8
106 92.1 69.7 109.7



#10
Phenol
Concen: 40.898 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion: 94 Resp: 1259711
Ion Ratio Lower Upper
94 100
65 29.8 10.8 50.8
66 37.0 19.2 59.2

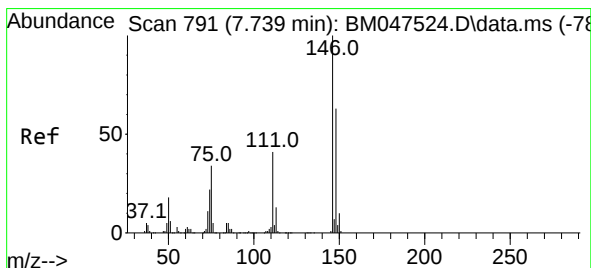
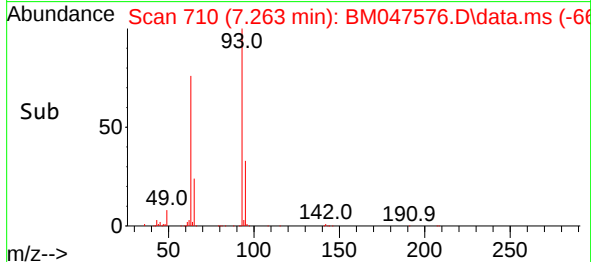
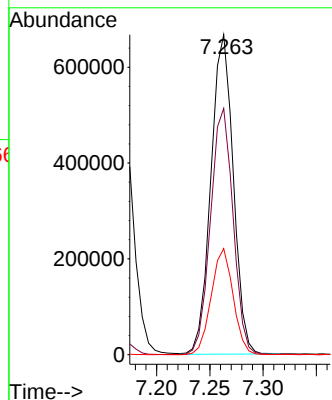
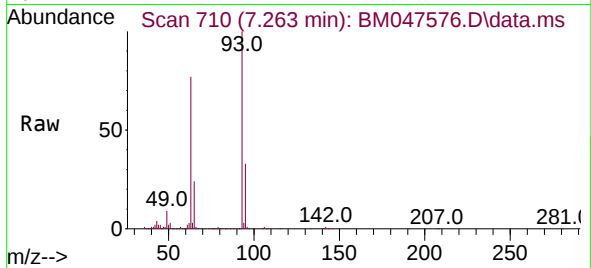




#11
bis(2-Chloroethyl)ether
Concen: 39.336 ng
RT: 7.263 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

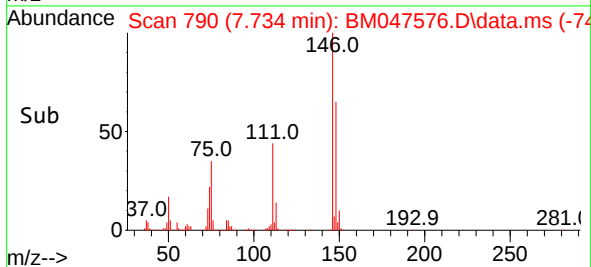
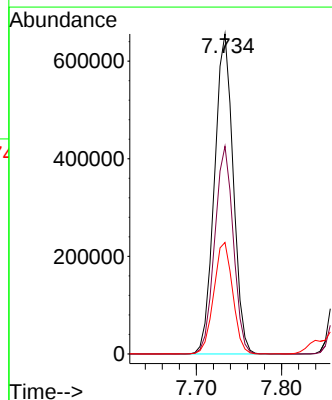
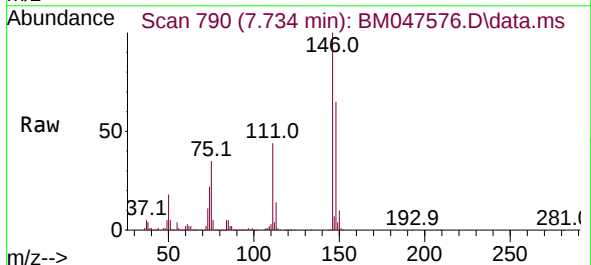
Instrument :
BNA_M
ClientSampleId :
PB163525BS

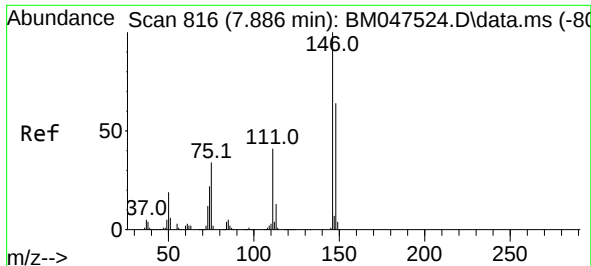
Tgt Ion: 93 Resp: 972699
Ion Ratio Lower Upper
93 100
63 77.0 58.2 98.2
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.110 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion: 146 Resp: 1004459
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.4
75 34.9 27.4 41.0

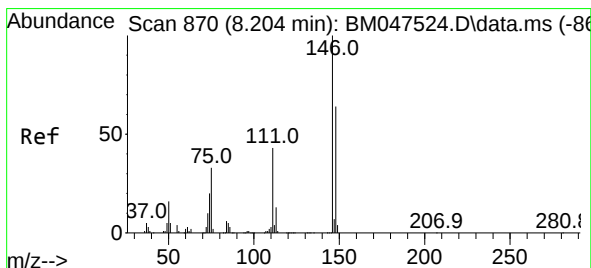
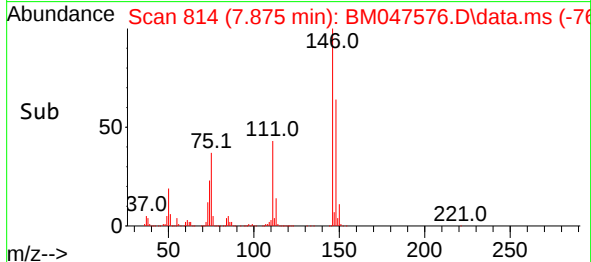
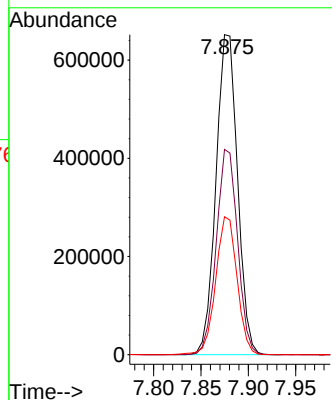
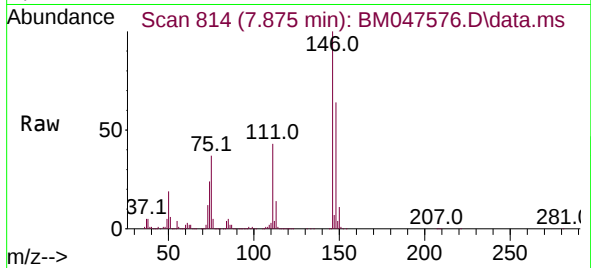




#13
1,4-Dichlorobenzene
Concen: 38.481 ng
RT: 7.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

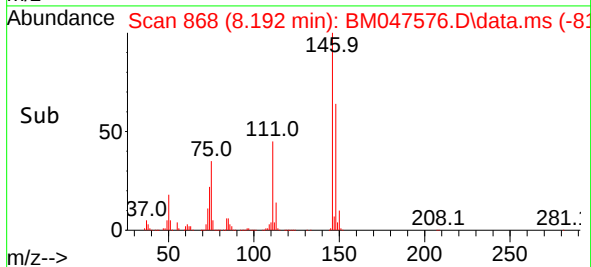
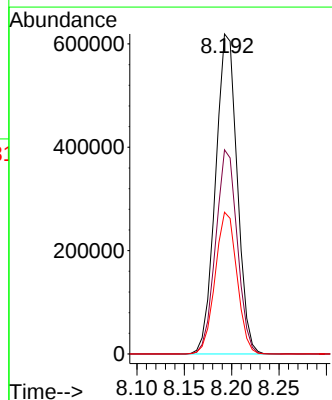
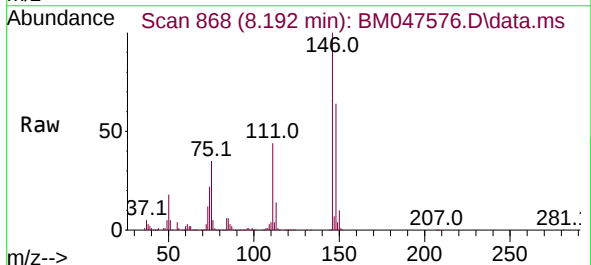
Instrument :
BNA_M
ClientSampleId :
PB163525BS

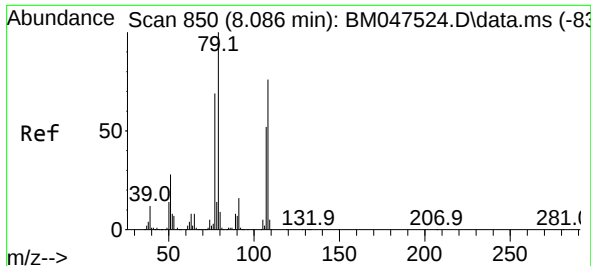
Tgt Ion:146 Resp: 1033050
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 43.1 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 37.292 ng
RT: 8.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:146 Resp: 985245
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 44.3 34.7 52.1

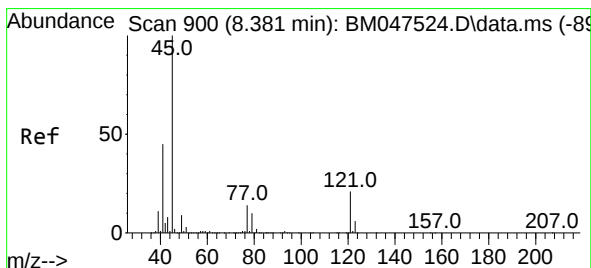
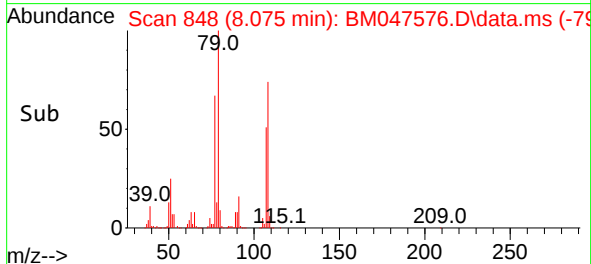
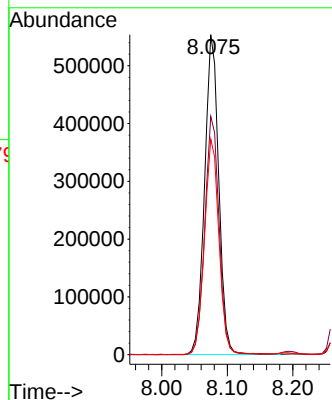
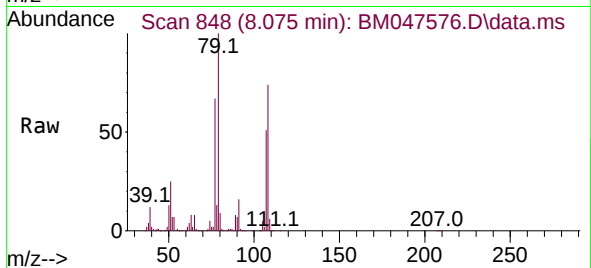




#15
Benzyl Alcohol
Concen: 40.024 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

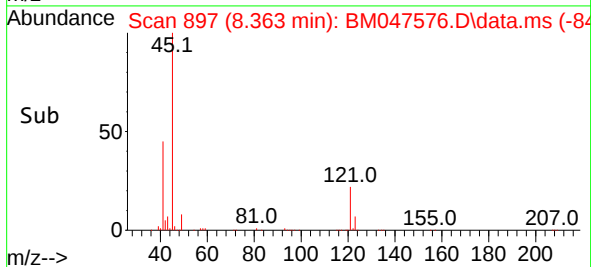
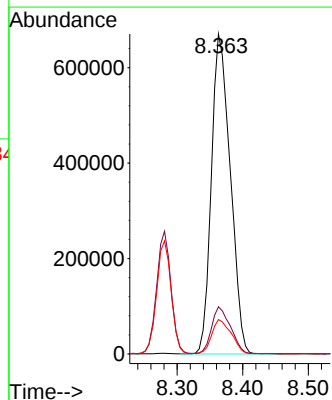
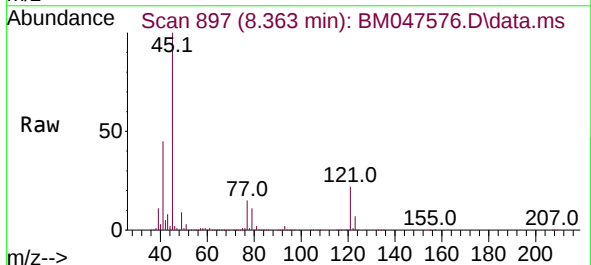
Instrument :
BNA_M
ClientSampleId :
PB163525BS

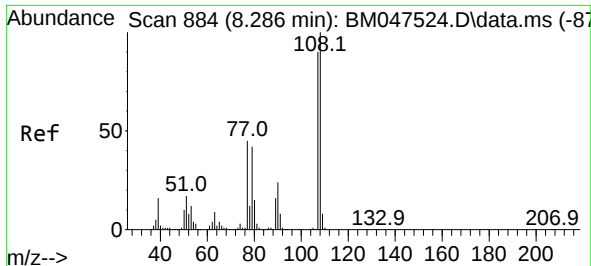
Tgt Ion: 79 Resp: 833973
Ion Ratio Lower Upper
79 100
108 74.5 60.6 91.0
77 67.4 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.538 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.018 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion: 45 Resp: 1340521
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.7
79 10.8 0.0 30.3

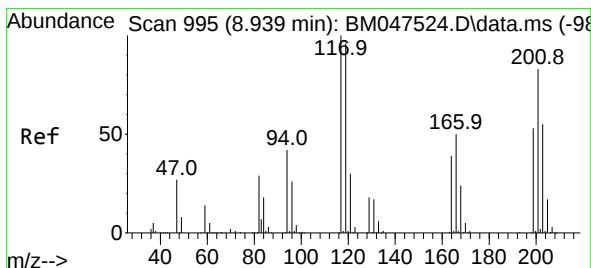
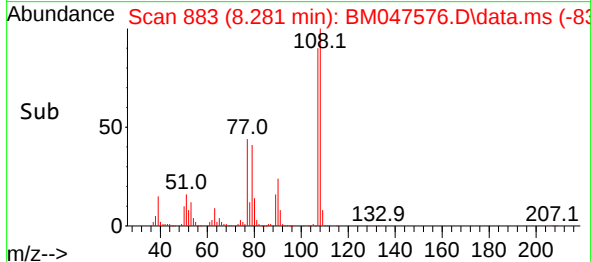
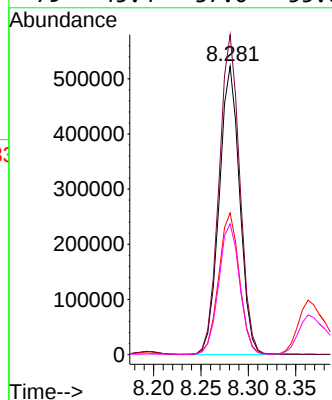
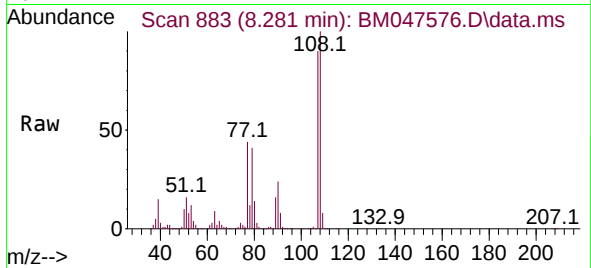




#17
2-Methylphenol
Concen: 39.918 ng
RT: 8.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

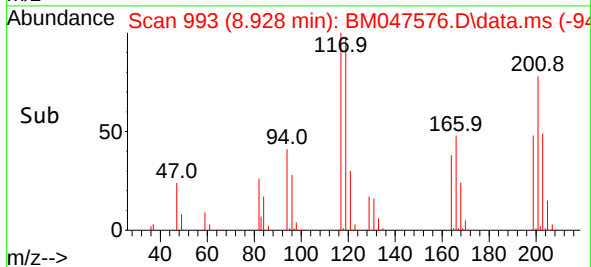
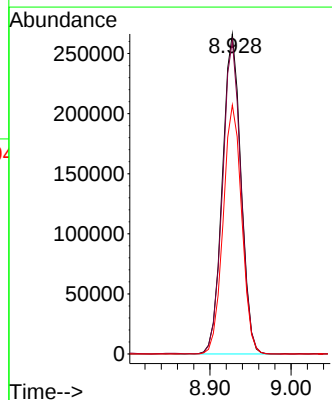
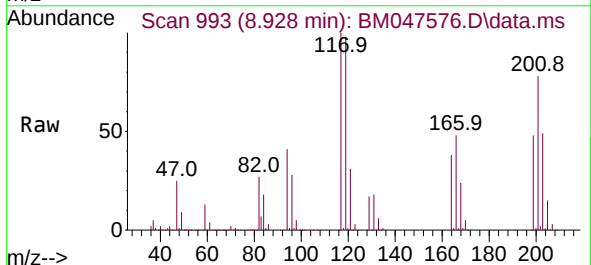
Instrument :
BNA_M
ClientSampleId :
PB163525BS

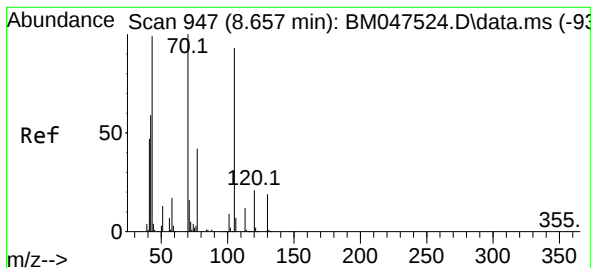
Tgt Ion:107 Resp: 785456
Ion Ratio Lower Upper
107 100
108 111.0 88.9 133.3
77 49.3 39.8 59.8
79 45.4 37.0 55.6



#18
Hexachloroethane
Concen: 39.525 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:117 Resp: 423873
Ion Ratio Lower Upper
117 100
119 97.9 77.0 115.4
201 77.8 66.8 100.2

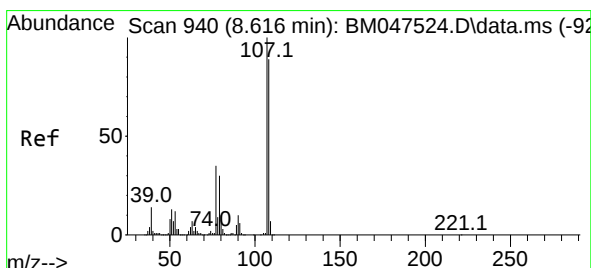
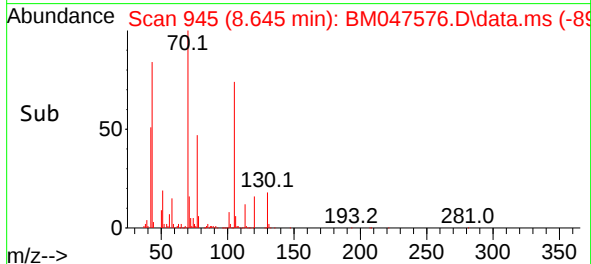
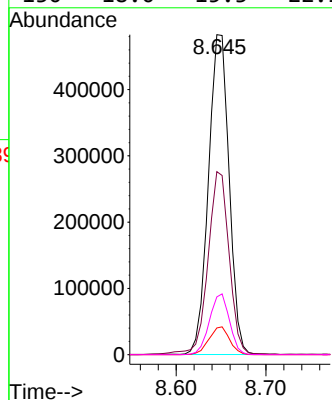
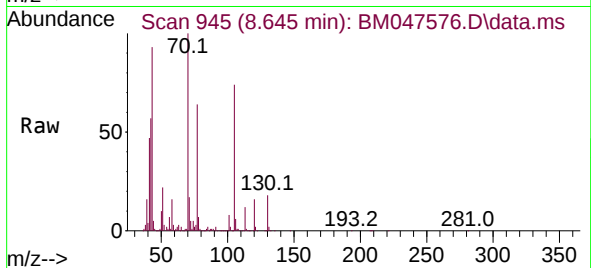




#19
n-Nitroso-di-n-propylamine
Concen: 37.207 ng
RT: 8.645 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

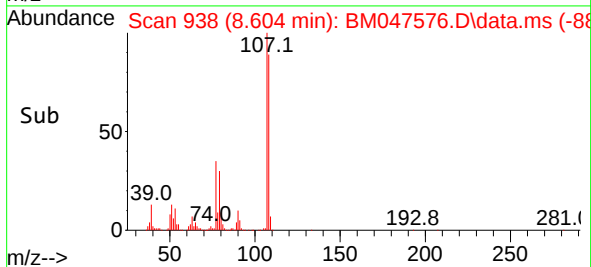
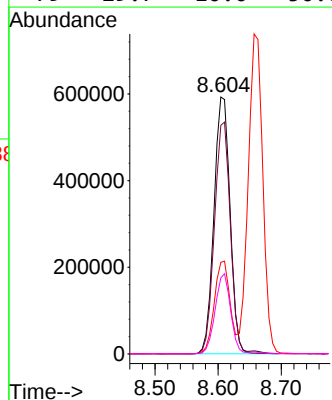
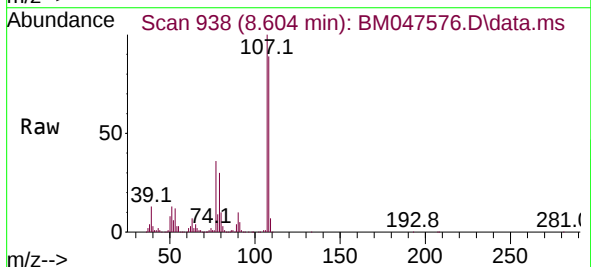
Instrument :
BNA_M
ClientSampleId :
PB163525BS

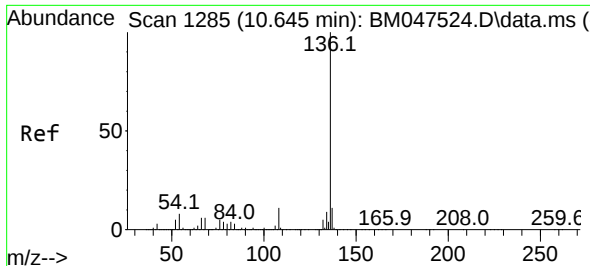
Tgt Ion: 70 Resp: 771693
Ion Ratio Lower Upper
70 100
42 57.2 48.2 72.2
101 8.4 7.0 10.4
130 18.0 15.3 22.9



#20
3+4-Methylphenols
Concen: 38.430 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion: 107 Resp: 1055131
Ion Ratio Lower Upper
107 100
108 89.0 68.9 108.9
77 35.7 15.5 55.5
79 29.7 10.0 50.0



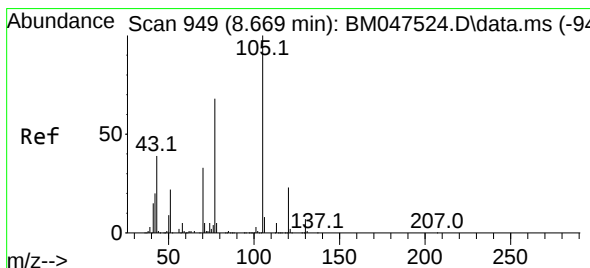
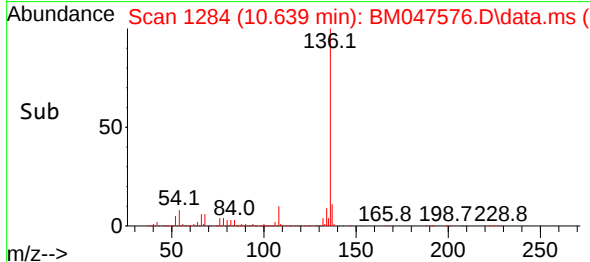
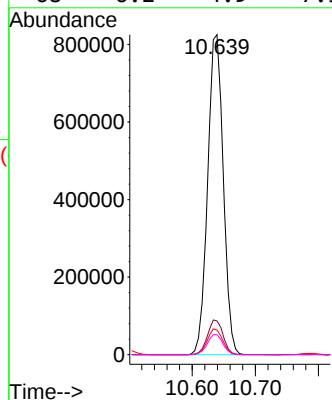
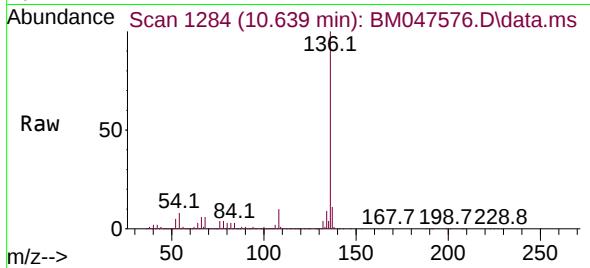


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Instrument :
BNA_M
ClientSampleId :
PB163525BS

Tgt Ion:136 Resp: 1413634

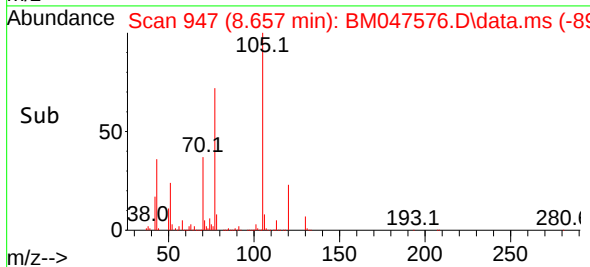
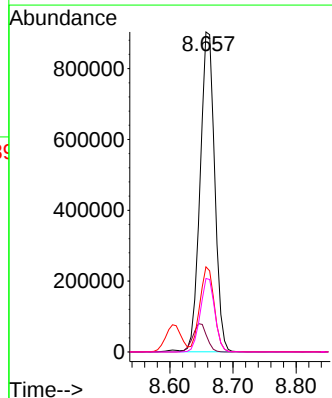
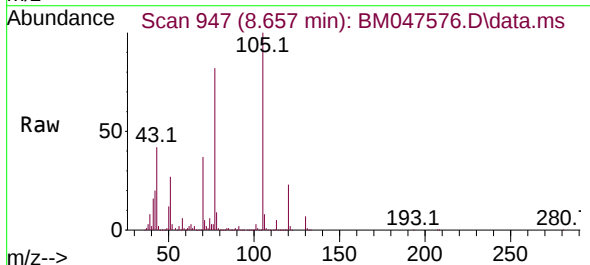
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	7.7	6.6	9.8
68	6.2	4.9	7.3

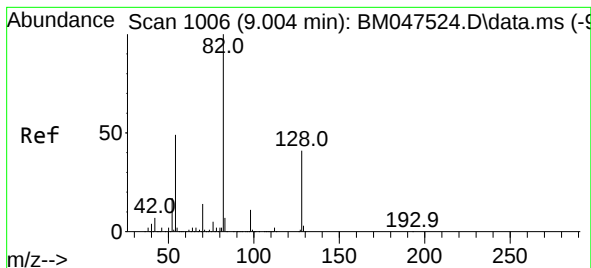


#22
Acetophenone
Concen: 38.906 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:105 Resp: 1445956

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.3	6.5
51	26.6	21.5	32.3
120	23.0	18.6	28.0





#23

Nitrobenzene-d5

Concen: 78.263 ng

RT: 8.992 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

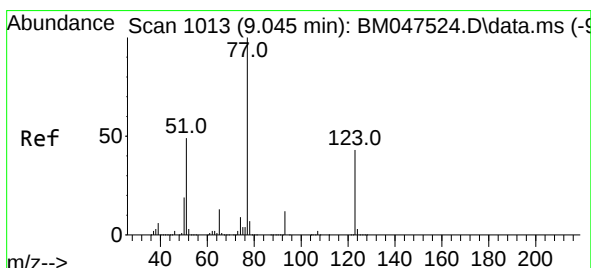
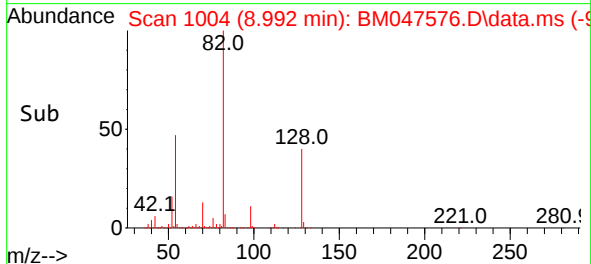
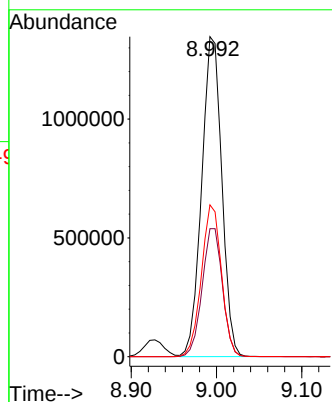
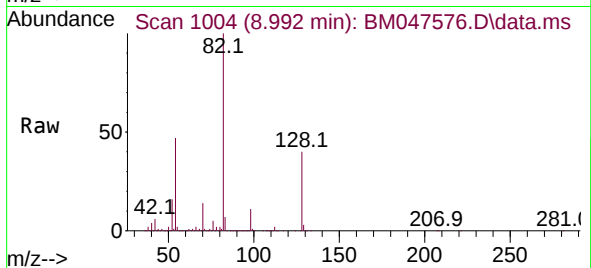
BNA_M

ClientSampleId :

PB163525BS

Tgt Ion: 82 Resp: 2210663

Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.0	49.4
54	47.5	39.3	58.9



#24

Nitrobenzene

Concen: 38.224 ng

RT: 9.039 min Scan# 1012

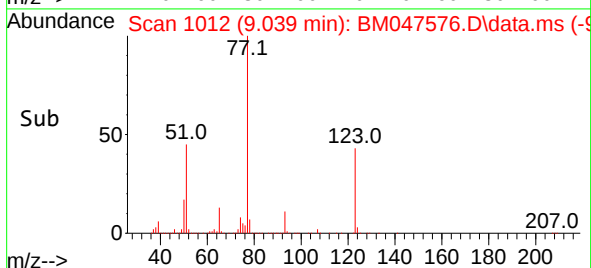
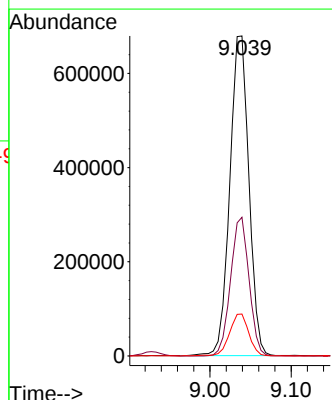
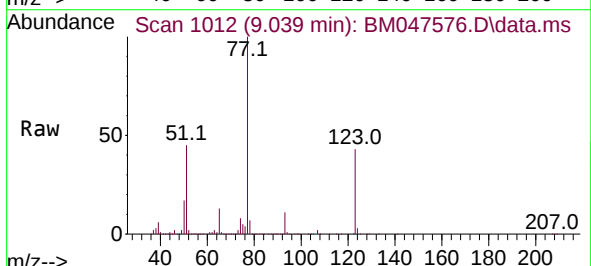
Delta R.T. -0.006 min

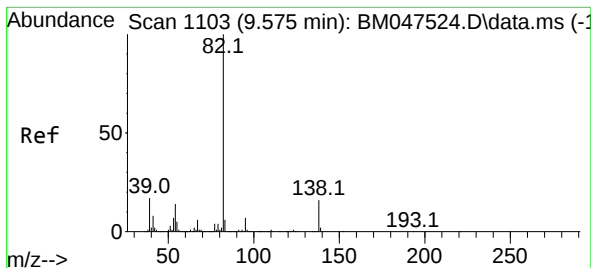
Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Tgt Ion: 77 Resp: 1109457

Ion	Ratio	Lower	Upper
77	100		
123	43.4	34.5	51.7
65	13.1	10.7	16.1





#25

Isophorone

Concen: 38.290 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

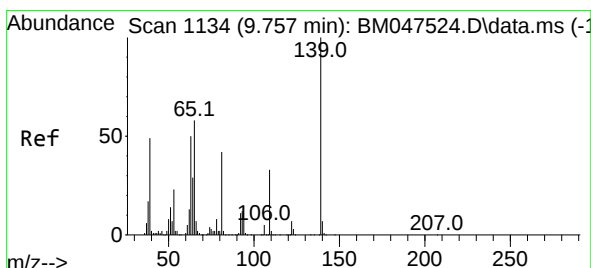
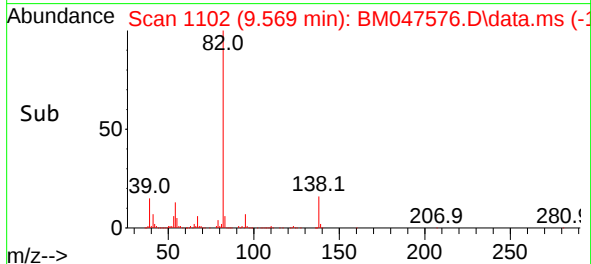
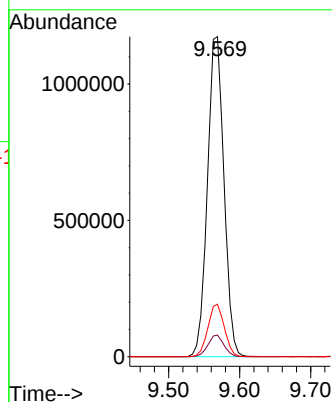
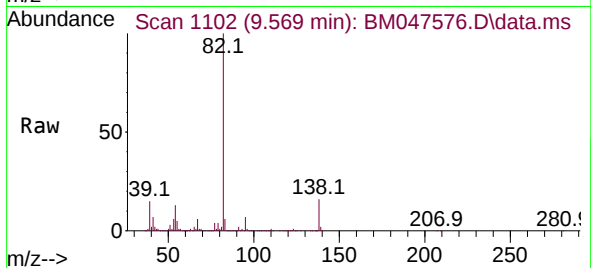
BNA_M

ClientSampleId :

PB163525BS

Tgt Ion: 82 Resp: 1901444

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	16.4	12.9	19.3



#26

2-Nitrophenol

Concen: 42.917 ng

RT: 9.745 min Scan# 1132

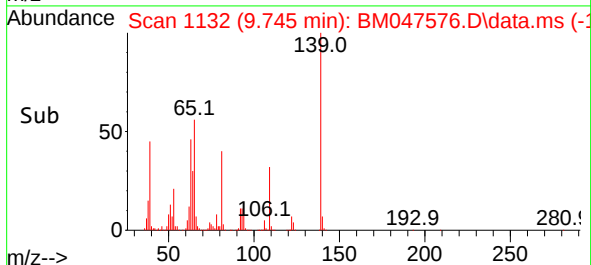
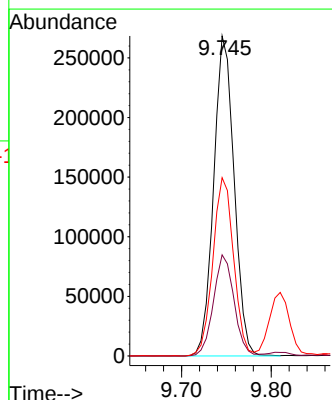
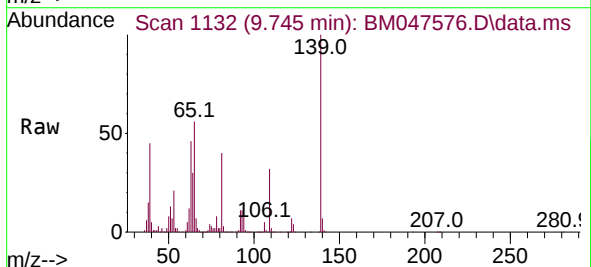
Delta R.T. -0.012 min

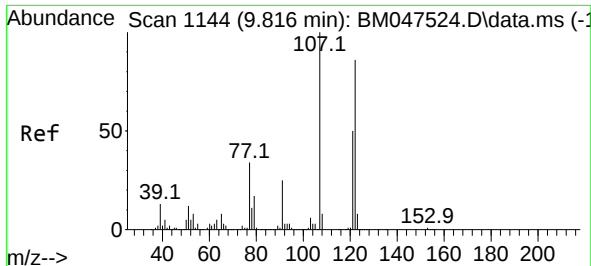
Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Tgt Ion: 139 Resp: 424485

Ion	Ratio	Lower	Upper
139	100		
109	31.6	26.0	39.0
65	55.7	46.2	69.4





#27

2,4-Dimethylphenol

Concen: 49.489 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

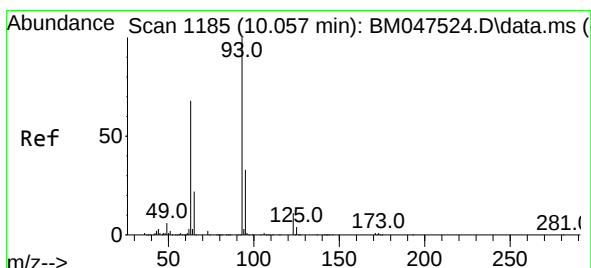
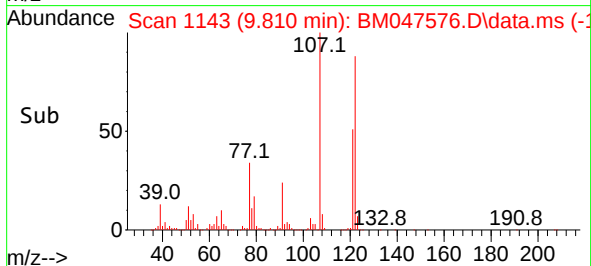
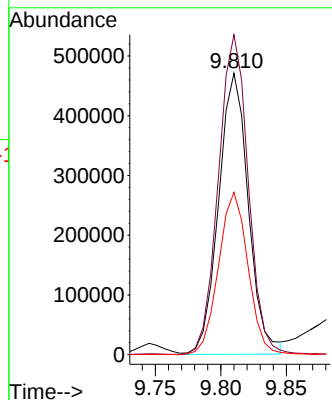
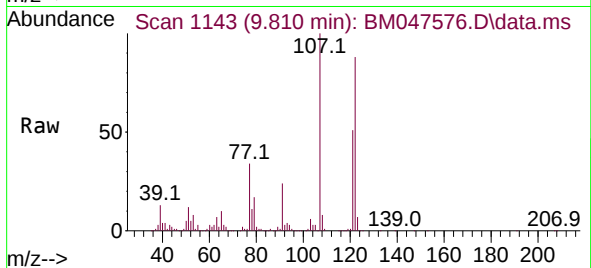
Tgt Ion:122 Resp: 742008

Ion Ratio Lower Upper

122 100

107 113.7 92.4 138.6

121 57.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.931 ng

RT: 10.045 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

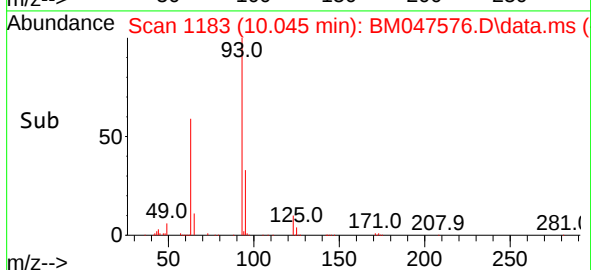
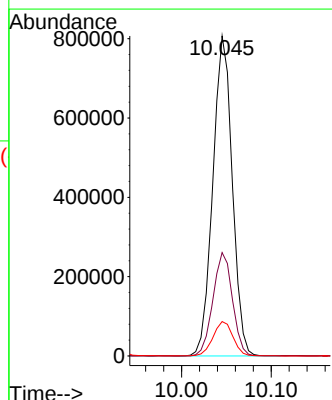
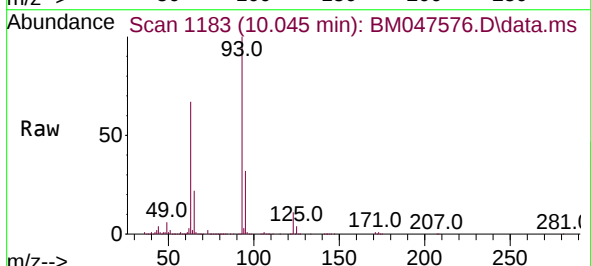
Tgt Ion: 93 Resp: 1214357

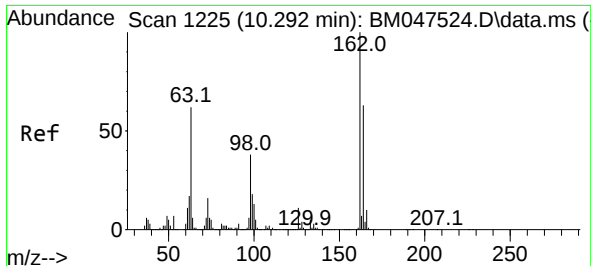
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.599 ng

RT: 10.280 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

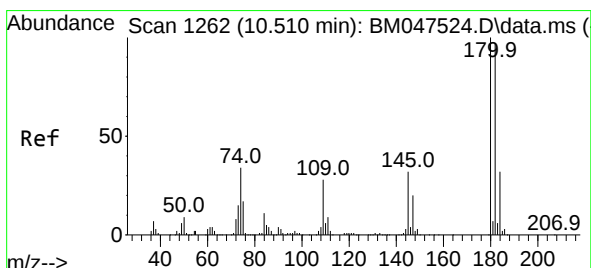
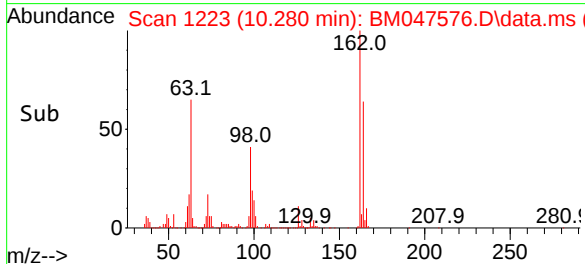
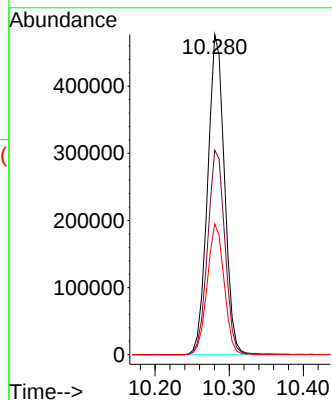
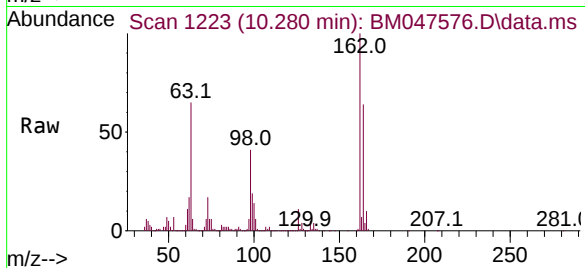
Tgt Ion:162 Resp: 754301

Ion Ratio Lower Upper

162 100

164 63.9 43.5 83.5

98 40.9 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 35.802 ng

RT: 10.498 min Scan# 1260

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

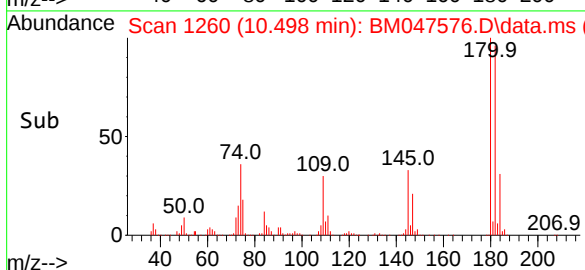
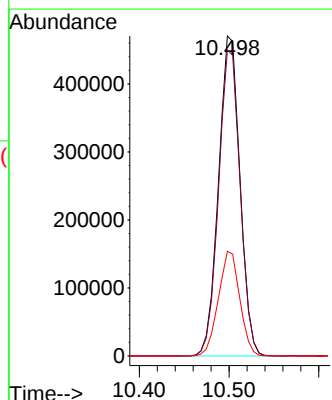
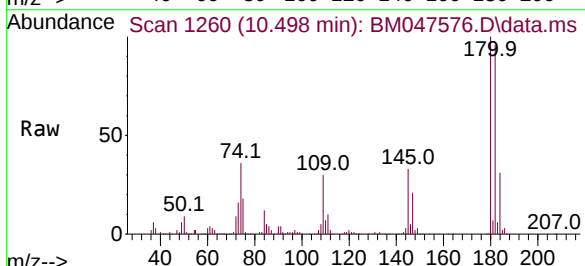
Tgt Ion:180 Resp: 781200

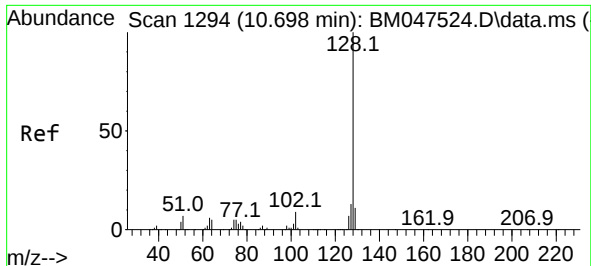
Ion Ratio Lower Upper

180 100

182 95.6 77.6 116.4

145 32.7 25.4 38.0

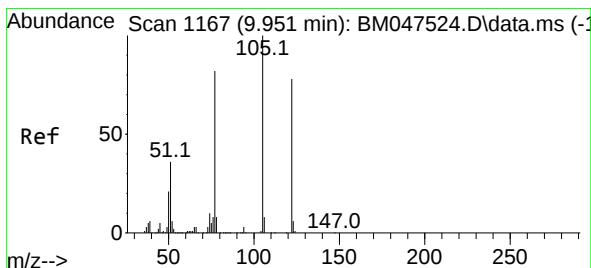
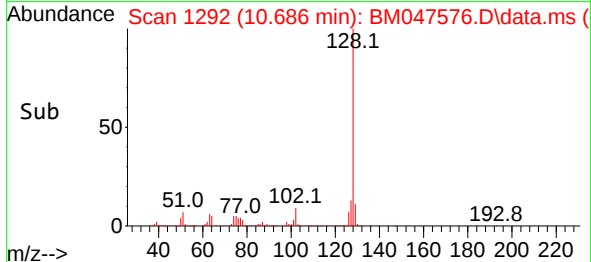
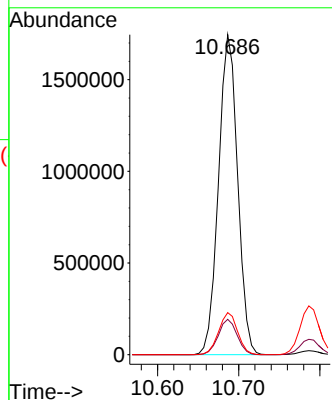
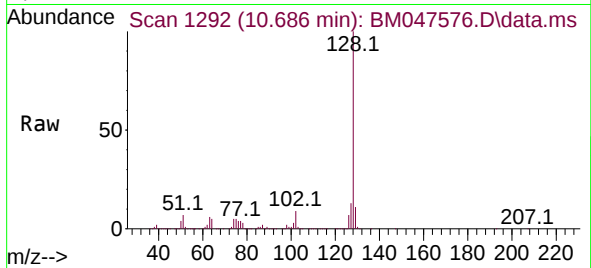




#31
Naphthalene
Concen: 37.446 ng
RT: 10.686 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

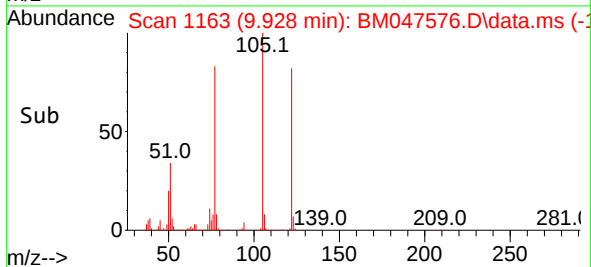
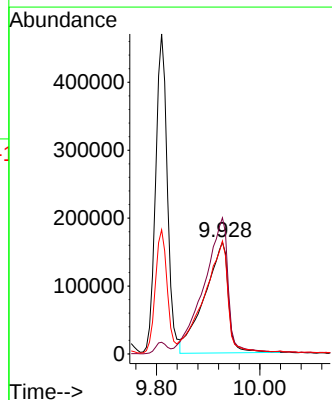
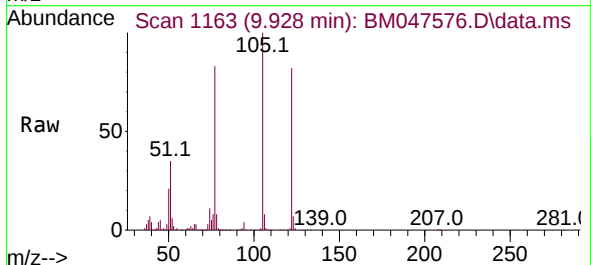
Instrument :
BNA_M
ClientSampleId :
PB163525BS

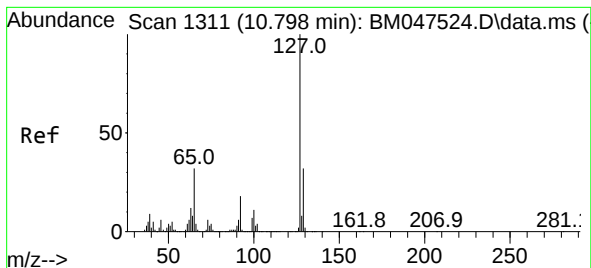
Tgt Ion:128 Resp: 2858881
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 36.879 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.023 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:122 Resp: 518412
Ion Ratio Lower Upper
122 100
105 122.0 104.7 144.7
77 101.2 83.4 123.4

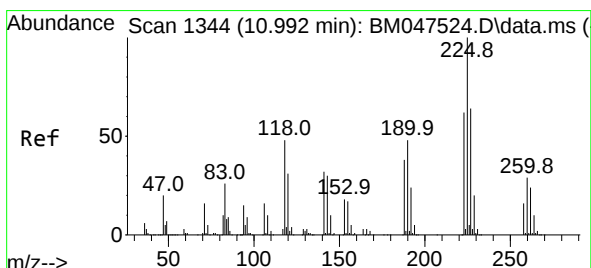
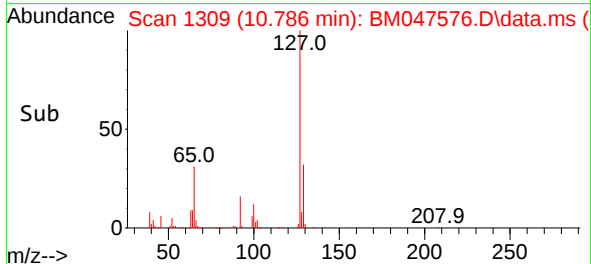
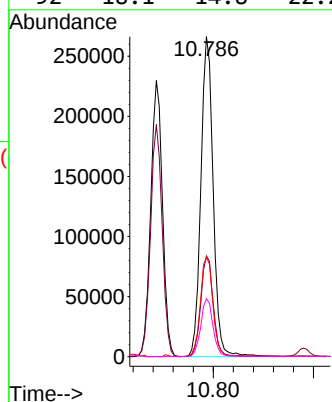
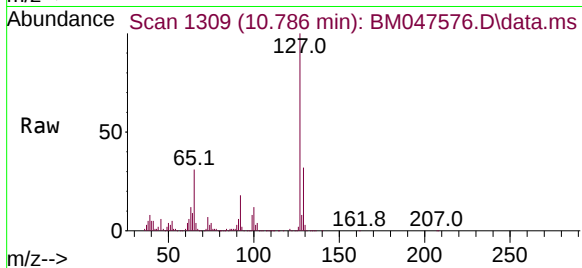




#33
4-Chloroaniline
Concen: 16.465 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

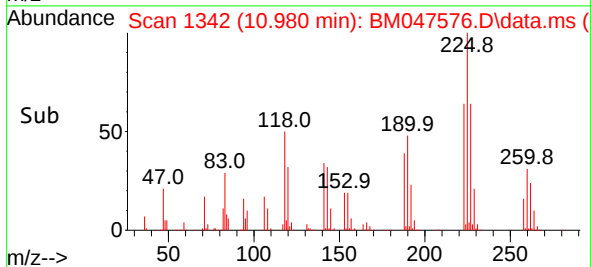
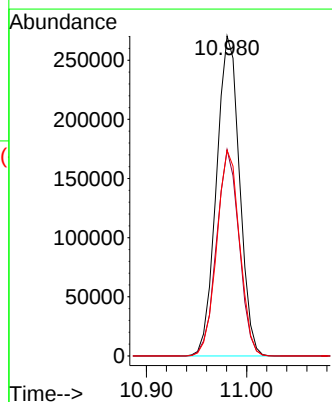
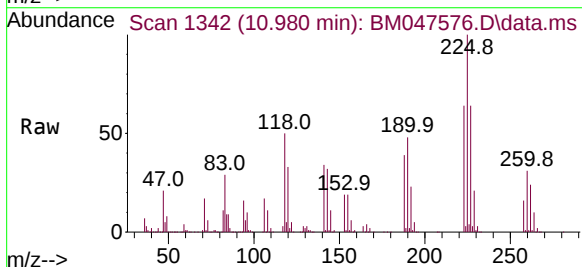
Instrument :
BNA_M
ClientSampleId :
PB163525BS

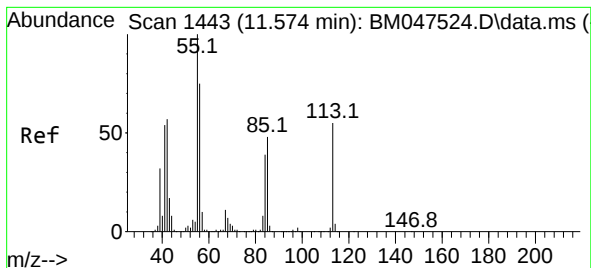
Tgt Ion:	127	Resp:	454493
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.0
65	31.0	25.5	38.3
92	18.1	14.8	22.2



#34
Hexachlorobutadiene
Concen: 35.749 ng
RT: 10.980 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:	225	Resp:	432054
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.8	74.6
227	64.2	51.0	76.4





#35

Caprolactam

Concen: 21.613 ng

RT: 11.557 min Scan# 14

Delta R.T. -0.018 min

Lab File: BM047576.D

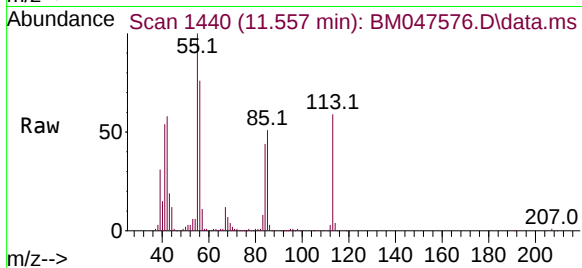
Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS



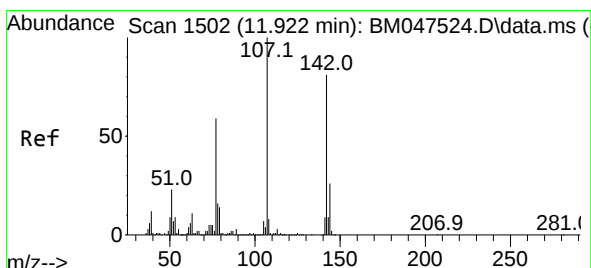
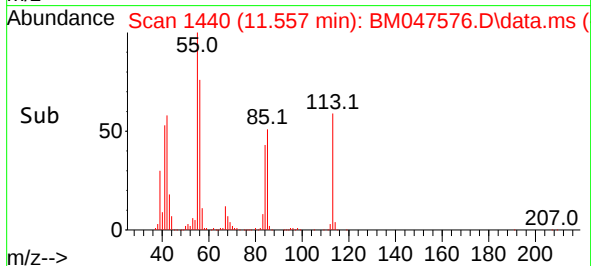
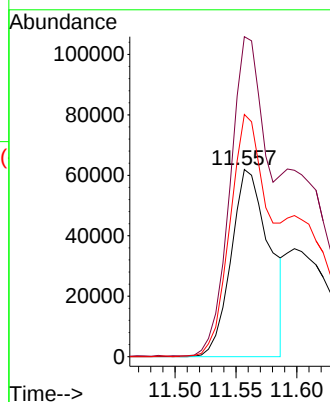
Tgt Ion:113 Resp: 135606

Ion Ratio Lower Upper

113 100

55 170.9 162.5 202.5

56 129.4 116.5 156.5



#36

4-Chloro-3-methylphenol

Concen: 37.851 ng

RT: 11.916 min Scan# 1501

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

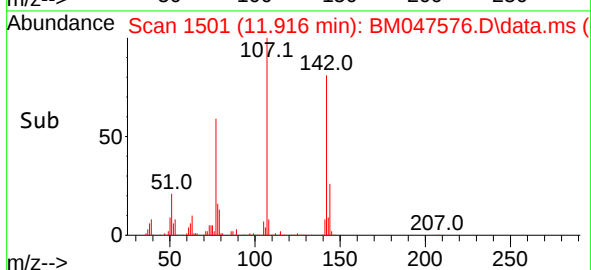
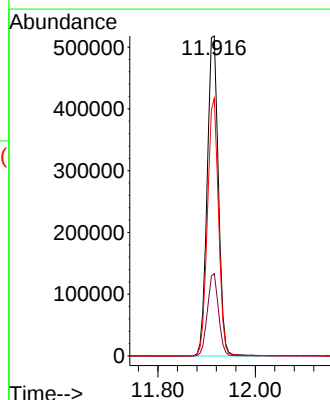
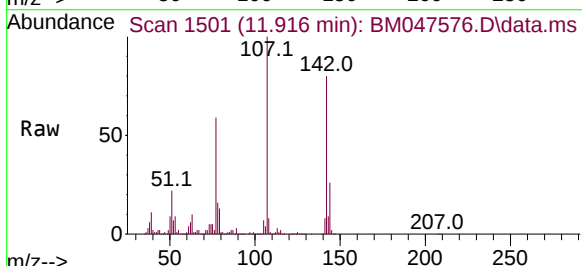
Tgt Ion:107 Resp: 826287

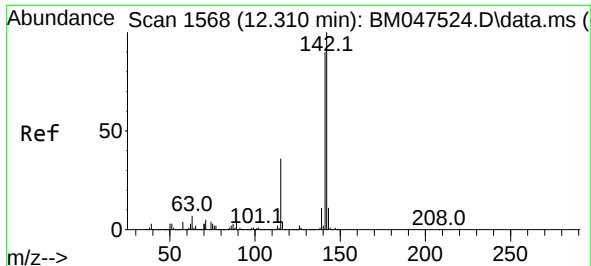
Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

142 80.5 65.0 97.4

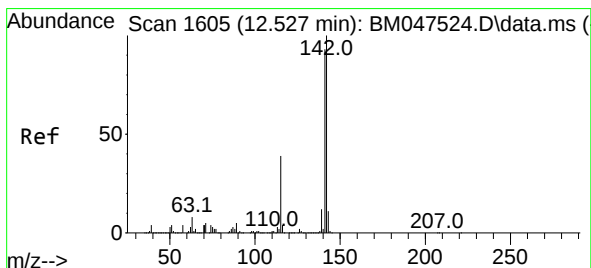
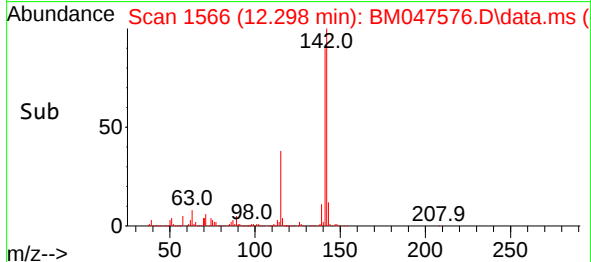
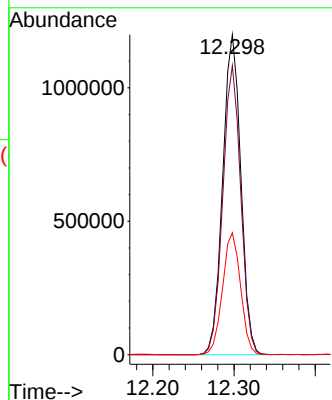
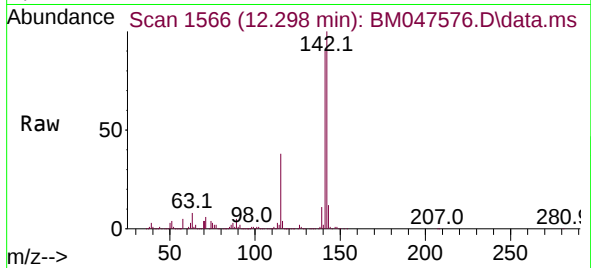




#37
2-Methylnaphthalene
Concen: 36.625 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

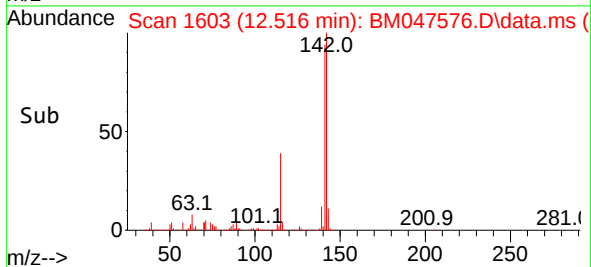
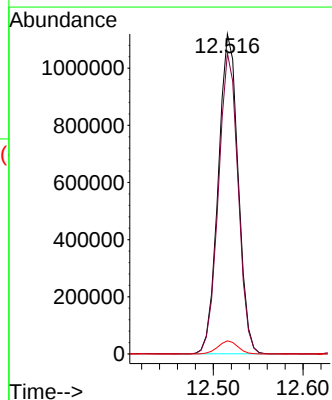
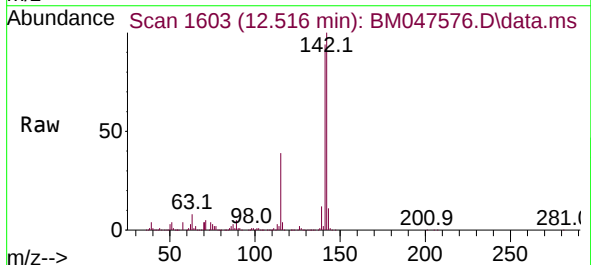
Instrument :
BNA_M
ClientSampleId :
PB163525BS

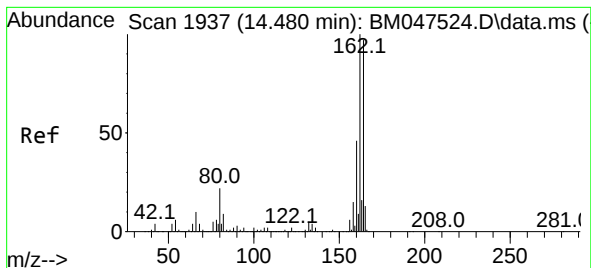
Tgt Ion:142 Resp: 1861062
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4
115 38.1 29.1 43.7



#38
1-Methylnaphthalene
Concen: 34.090 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:142 Resp: 1721447
Ion Ratio Lower Upper
142 100
141 94.1 74.7 112.1
116 4.1 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: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

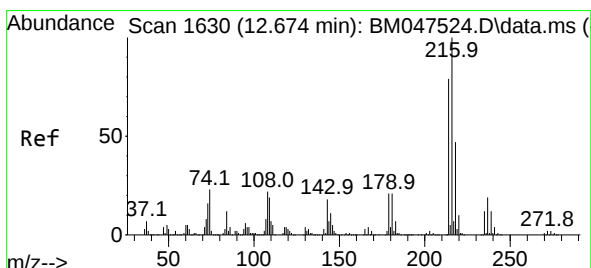
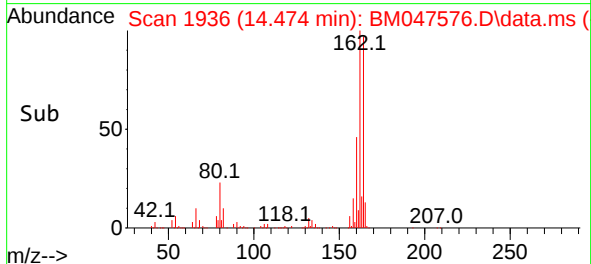
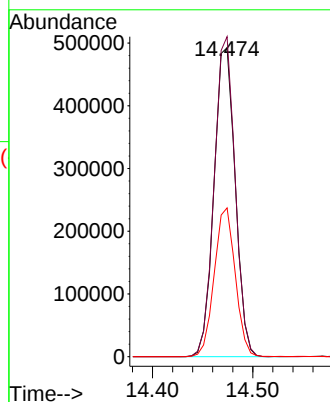
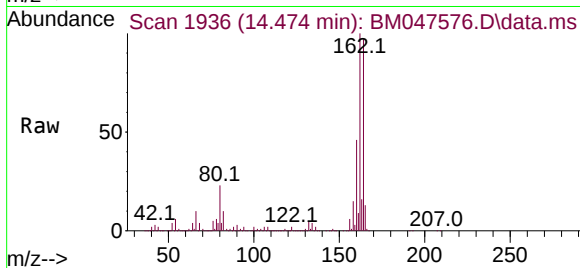
Tgt Ion:164 Resp: 725458

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.2

160 48.1 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.663 ng

RT: 12.669 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Tgt Ion:216 Resp: 798230

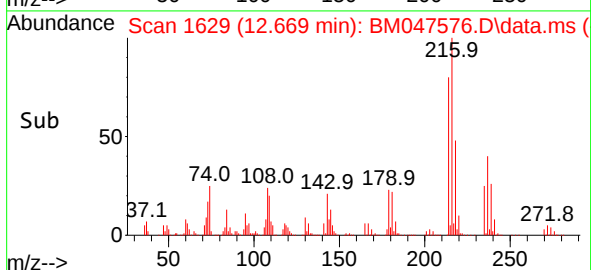
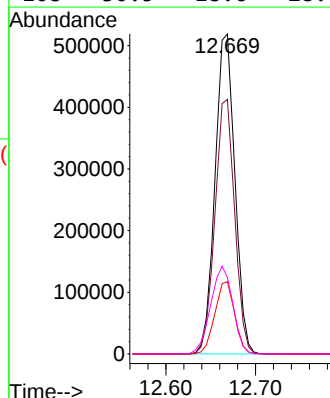
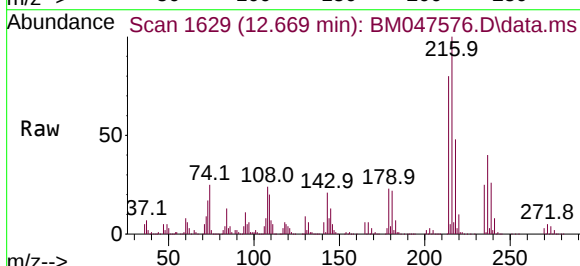
Ion Ratio Lower Upper

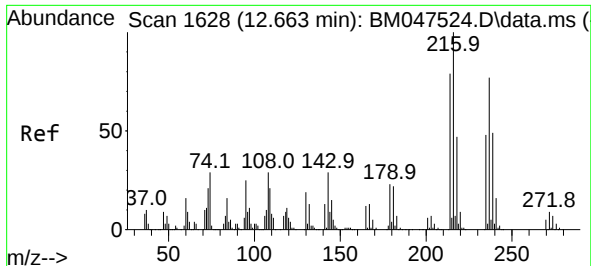
216 100

214 79.0 63.0 94.6

179 22.6 17.5 26.3

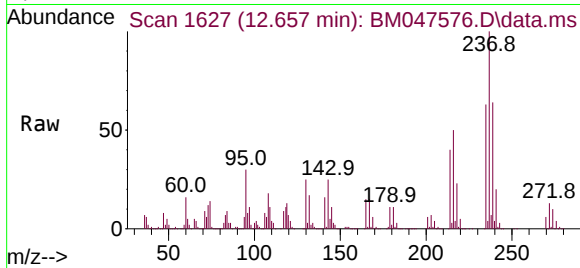
108 30.5 18.6 28.0#



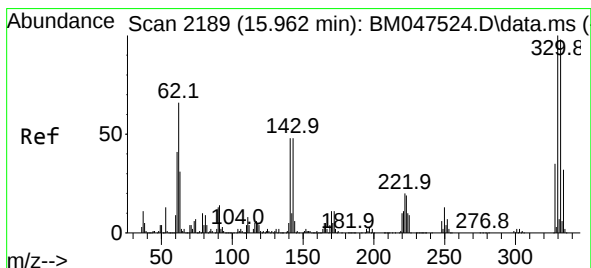
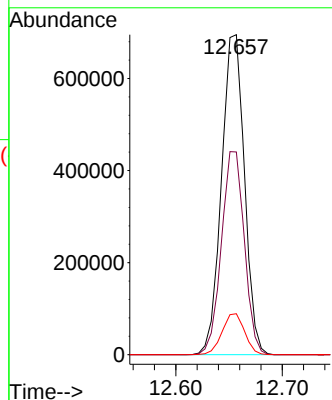
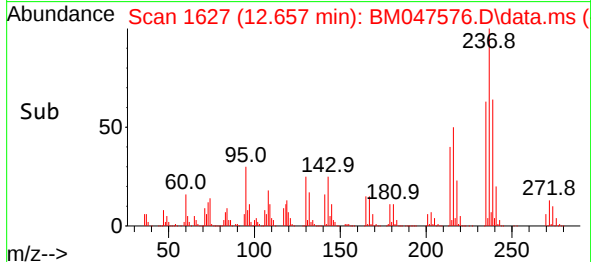


#41
Hexachlorocyclopentadiene
Concen: 161.771 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

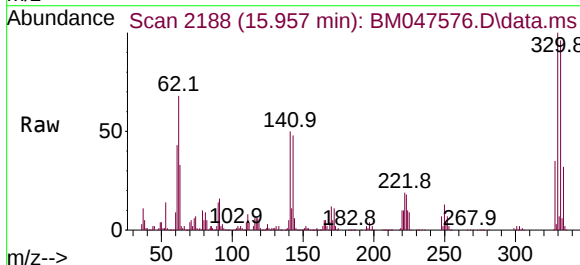
Instrument :
BNA_M
ClientSampleId :
PB163525BS



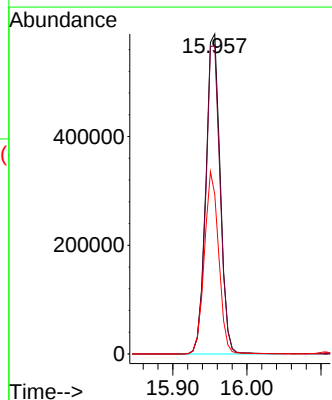
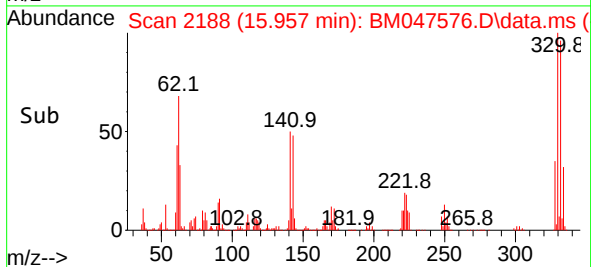
Tgt Ion:237 Resp: 1038149
Ion Ratio Lower Upper
237 100
235 63.3 42.0 82.0
272 12.8 0.0 31.5

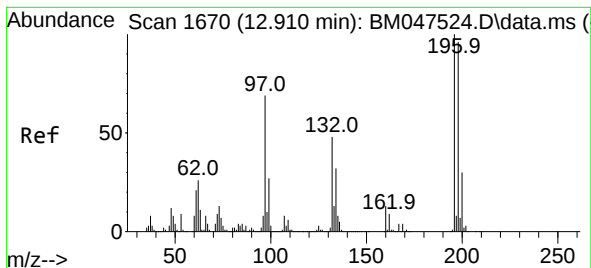


#42
2,4,6-Tribromophenol
Concen: 113.173 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32



Tgt Ion:330 Resp: 793587
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 56.7 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 42.321 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

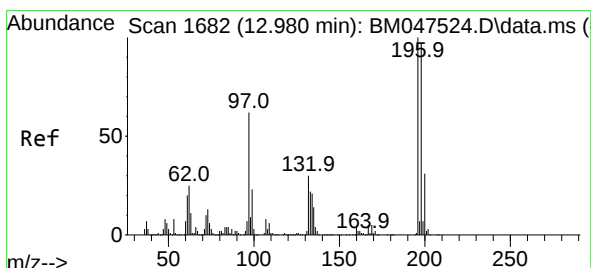
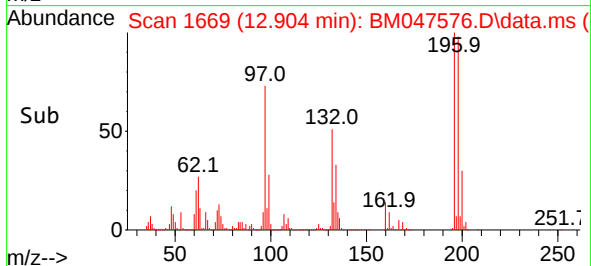
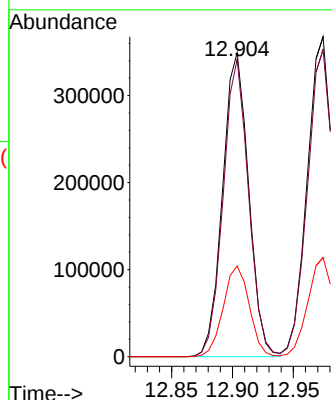
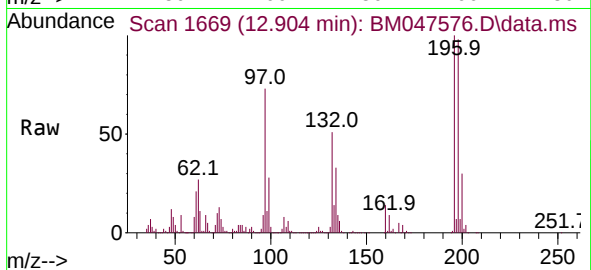
Tgt Ion:196 Resp: 520484

Ion Ratio Lower Upper

196 100

198 97.8 76.9 115.3

200 29.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 40.316 ng

RT: 12.974 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Tgt Ion:196 Resp: 560030

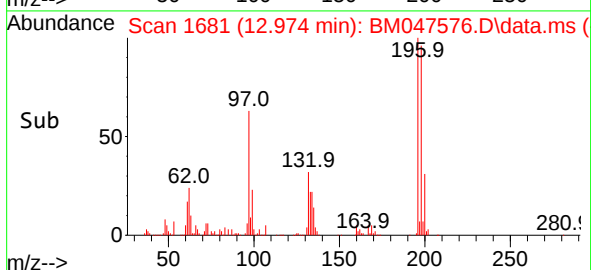
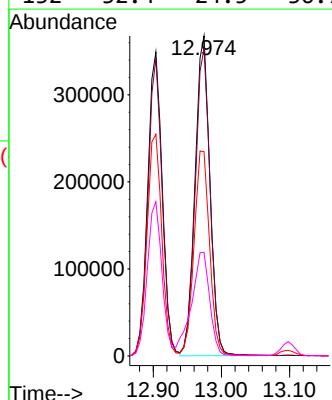
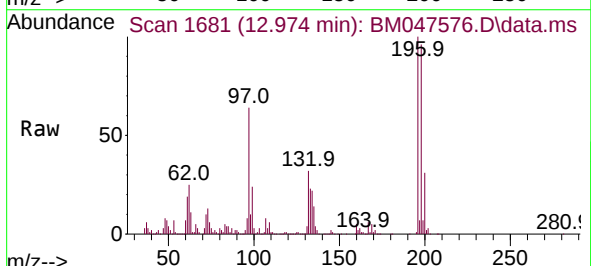
Ion Ratio Lower Upper

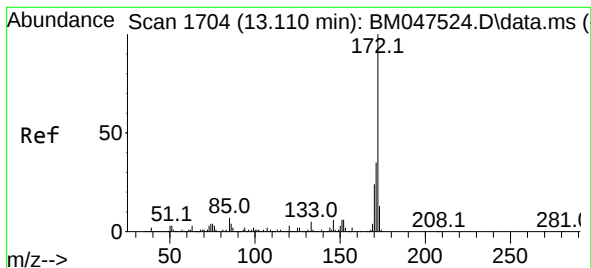
196 100

198 95.9 77.4 116.2

97 63.8 49.8 74.8

132 32.4 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 78.330 ng

RT: 13.098 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

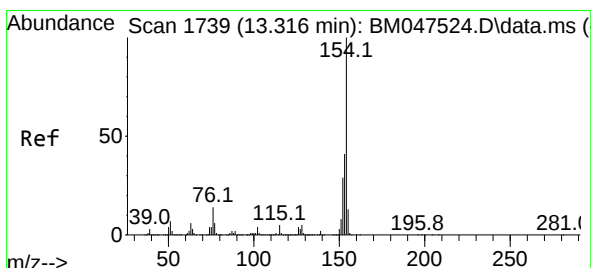
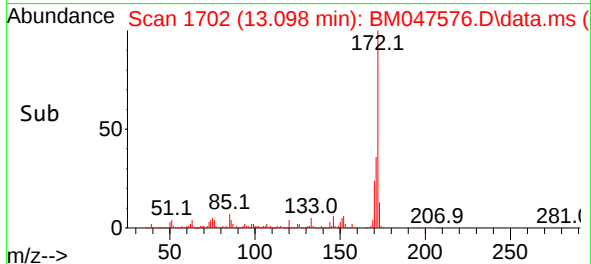
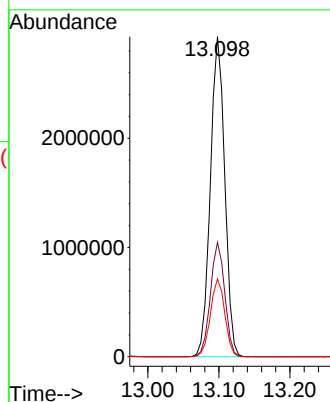
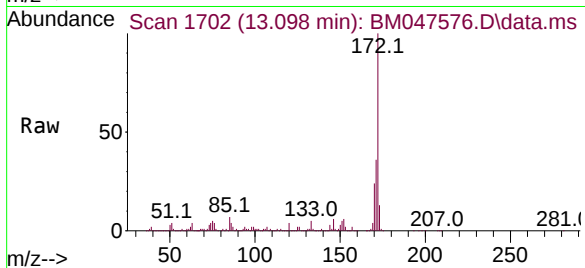
Tgt Ion:172 Resp: 4125182

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.3 19.4 29.0



#46

1,1'-Biphenyl

Concen: 39.826 ng

RT: 13.310 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

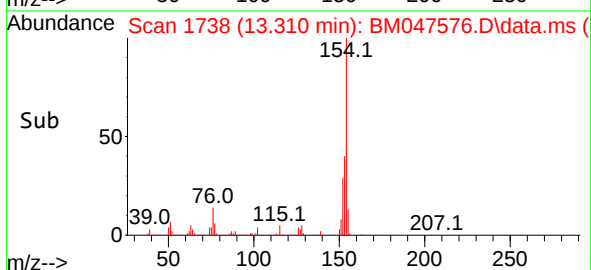
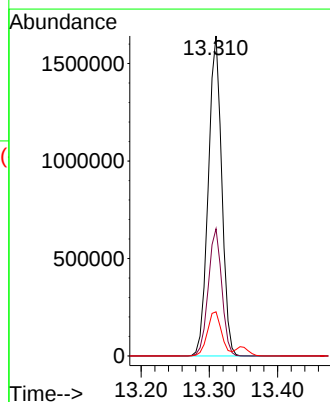
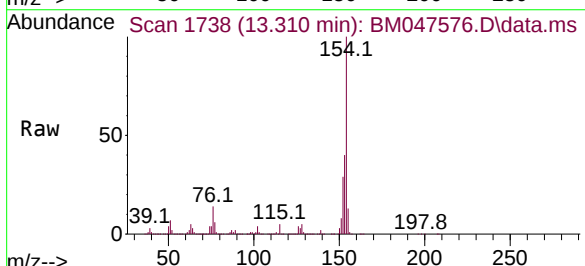
Tgt Ion:154 Resp: 2247943

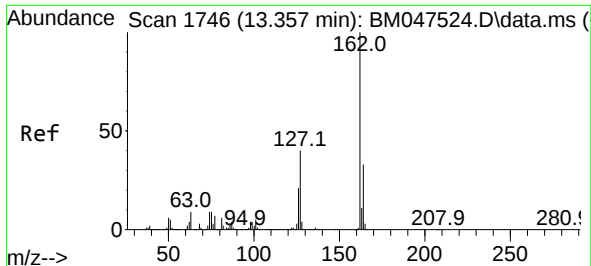
Ion Ratio Lower Upper

154 100

153 39.7 20.6 60.6

76 13.8 0.0 33.9

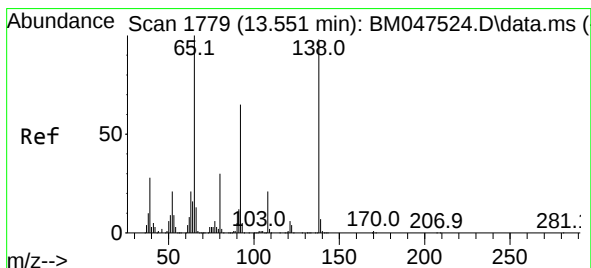
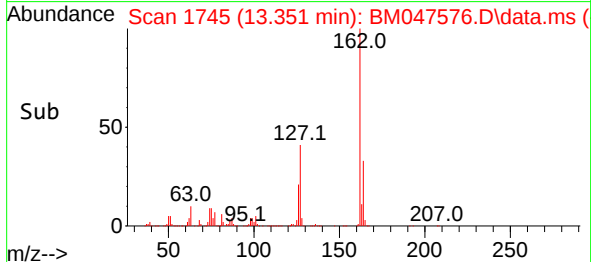
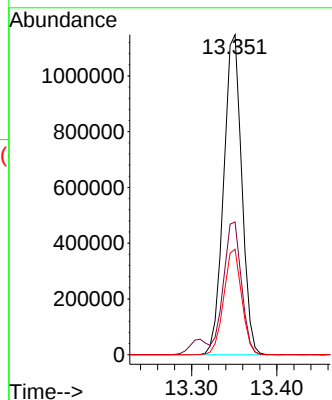
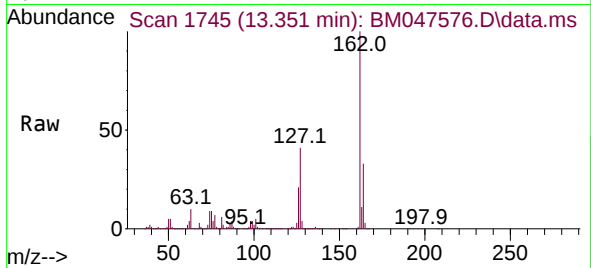




#47
2-Chloronaphthalene
Concen: 38.643 ng
RT: 13.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

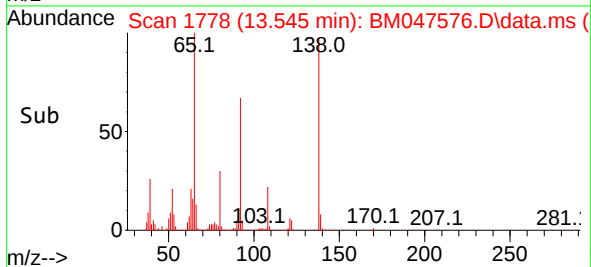
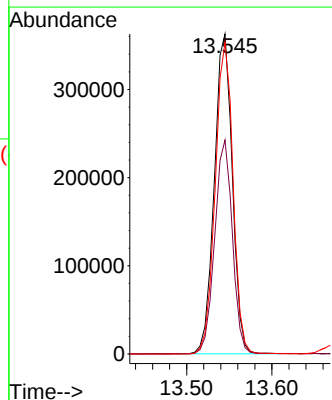
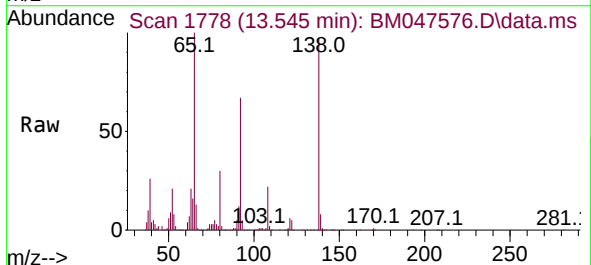
Instrument :
BNA_M
ClientSampleId :
PB163525BS

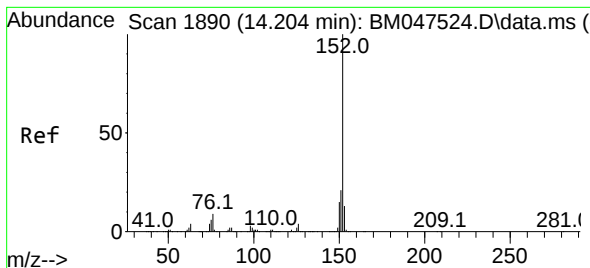
Tgt Ion:162 Resp: 1693672
Ion Ratio Lower Upper
162 100
127 41.5 32.2 48.4
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 41.280 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion: 65 Resp: 531401
Ion Ratio Lower Upper
65 100
92 66.8 51.9 77.9
138 97.3 78.5 117.7





#49

Acenaphthylene

Concen: 42.159 ng

RT: 14.192 min Scan# 1888

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

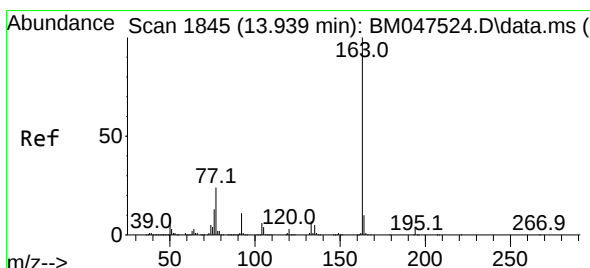
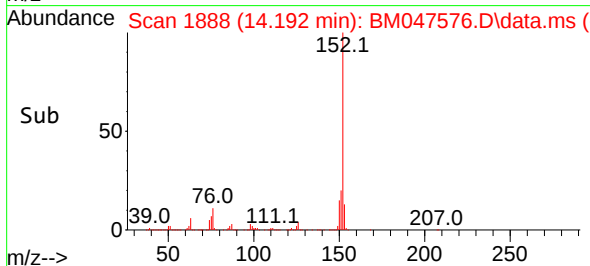
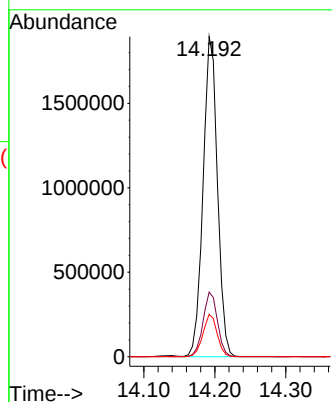
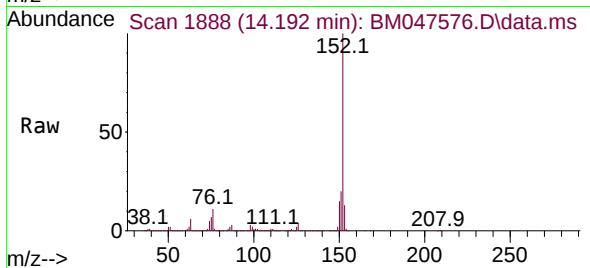
Tgt Ion:152 Resp: 2666385

Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 38.757 ng

RT: 13.927 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

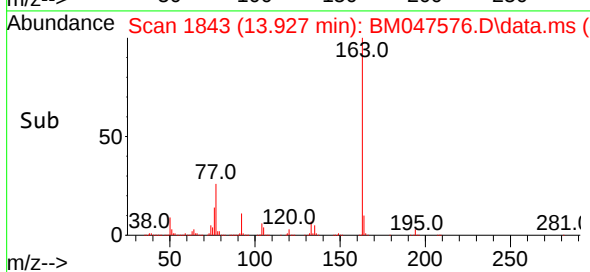
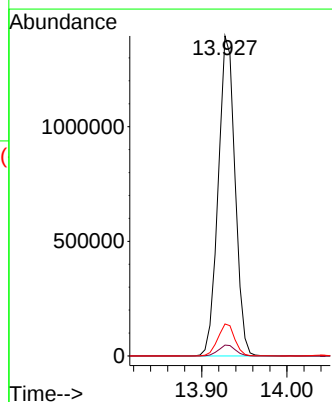
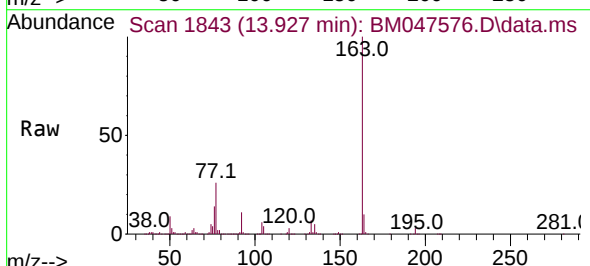
Tgt Ion:163 Resp: 1916375

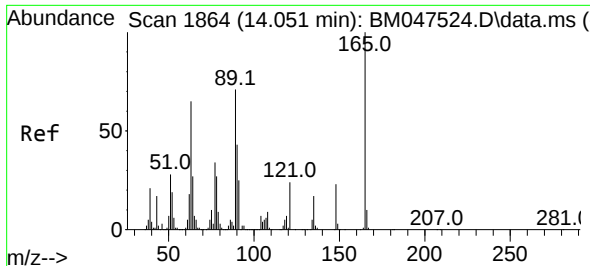
Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

164 10.0 7.9 11.9

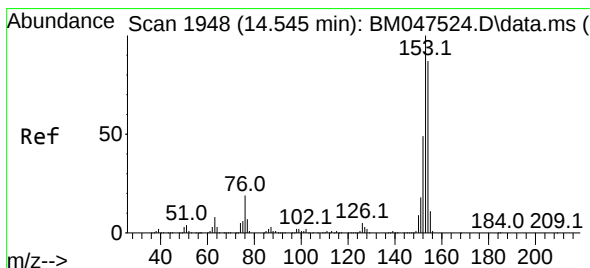
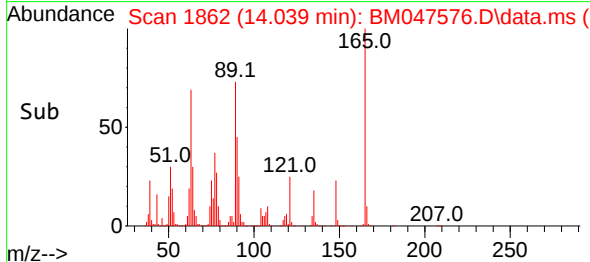
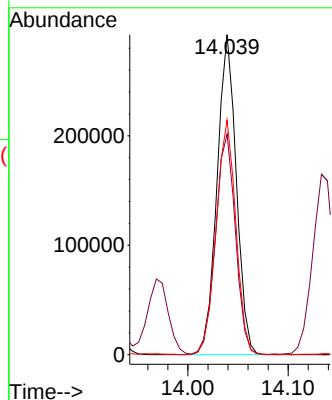
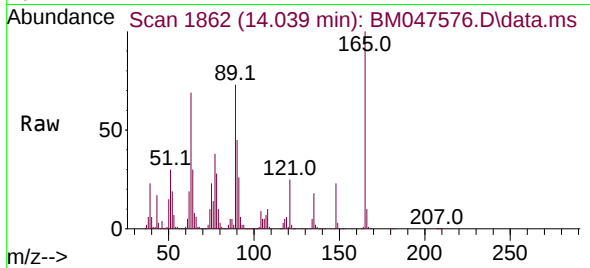




#51
2,6-Dinitrotoluene
Concen: 37.266 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

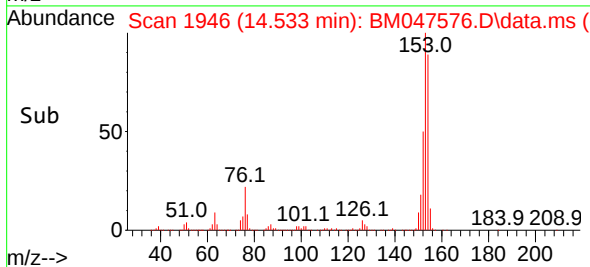
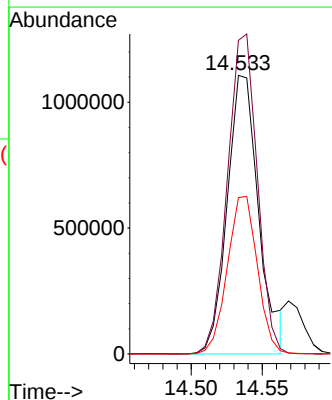
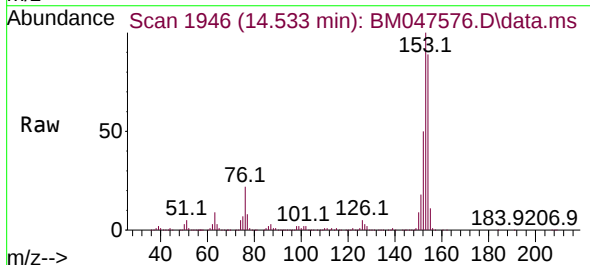
Instrument :
BNA_M
ClientSampleId :
PB163525BS

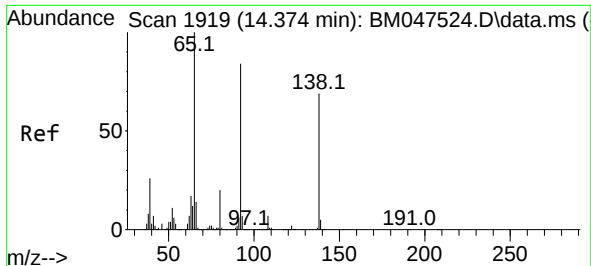
Tgt Ion:165 Resp: 388986
Ion Ratio Lower Upper
165 100
63 68.9 54.2 81.2
89 73.3 56.4 84.6



#52
Acenaphthene
Concen: 38.442 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:154 Resp: 1703533
Ion Ratio Lower Upper
154 100
153 112.6 92.2 138.2
152 56.1 45.4 68.0

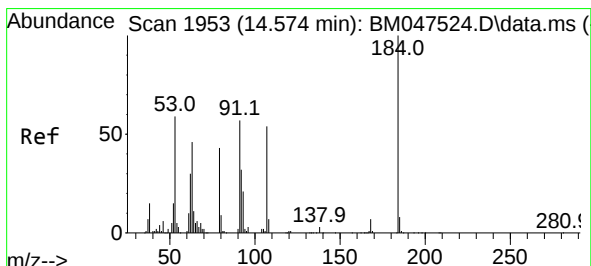
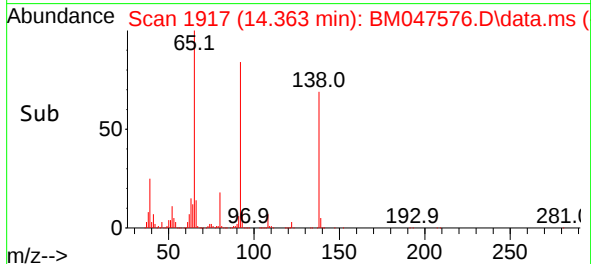
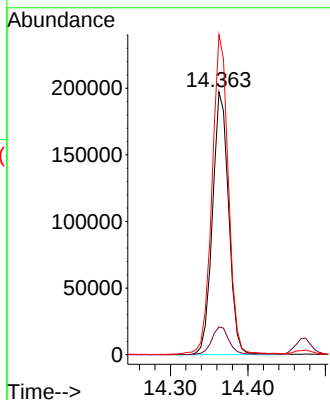
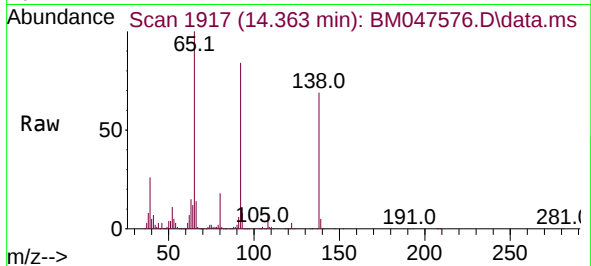




#53
3-Nitroaniline
Concen: 24.599 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

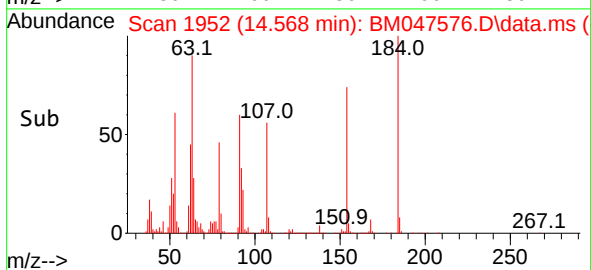
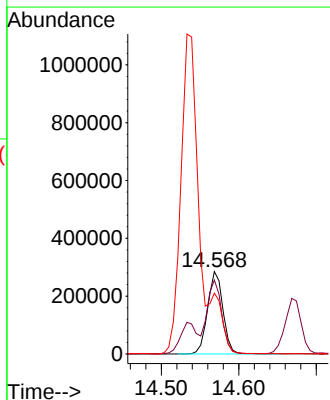
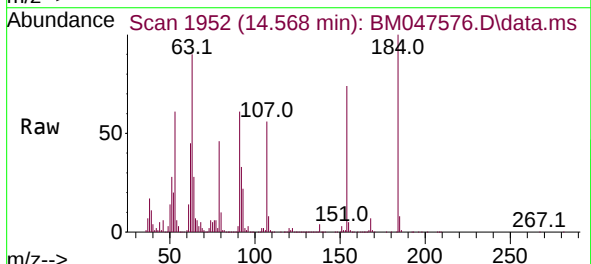
Instrument :
BNA_M
ClientSampleId :
PB163525BS

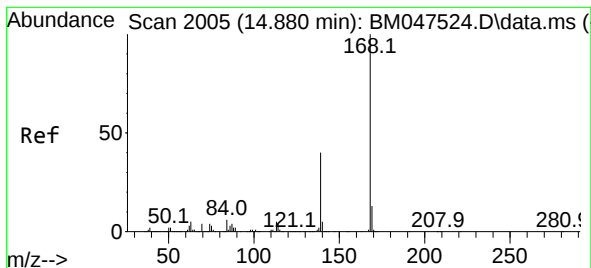
Tgt Ion:138 Resp: 285396
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 121.8 97.4 146.0



#54
2,4-Dinitrophenol
Concen: 70.151 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:184 Resp: 390320
Ion Ratio Lower Upper
184 100
63 89.8 69.4 104.0
154 73.8 60.4 90.6





#55

Dibenzenofuran

Concen: 38.284 ng

RT: 14.868 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

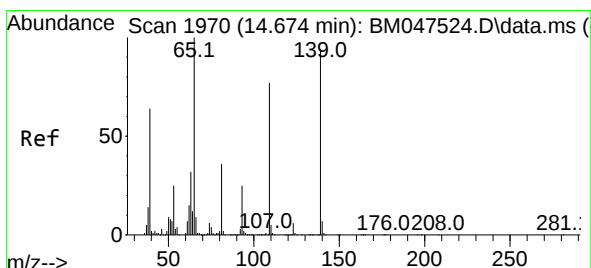
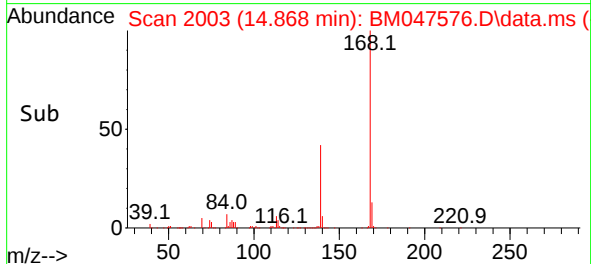
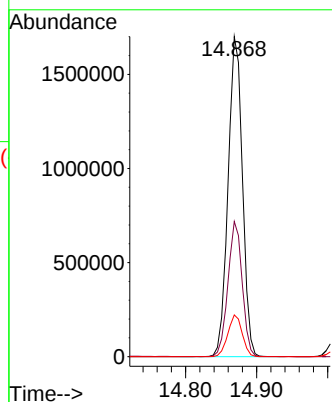
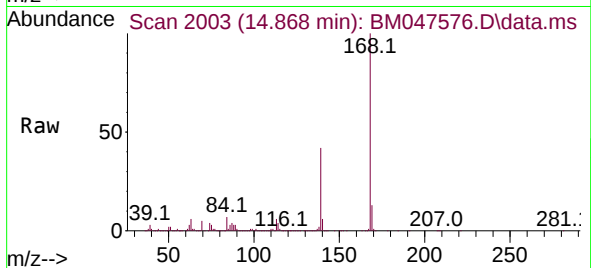
Tgt Ion:168 Resp: 2384039

Ion Ratio Lower Upper

168 100

139 42.2 31.9 47.9

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 88.028 ng

RT: 14.674 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

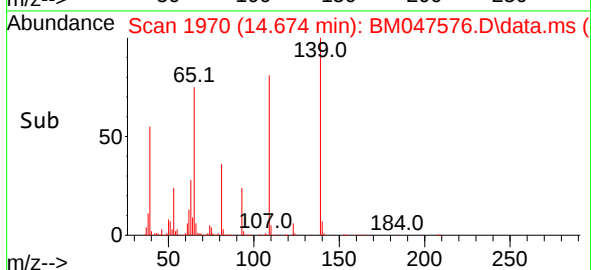
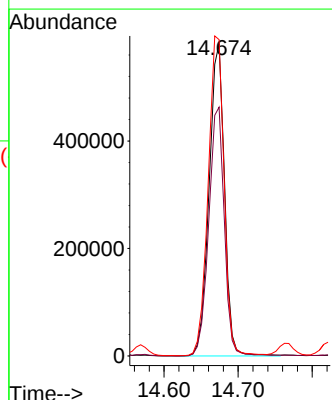
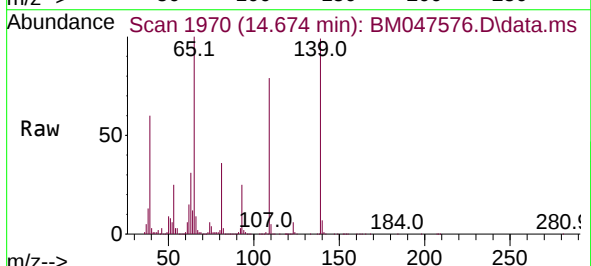
Tgt Ion:139 Resp: 840422

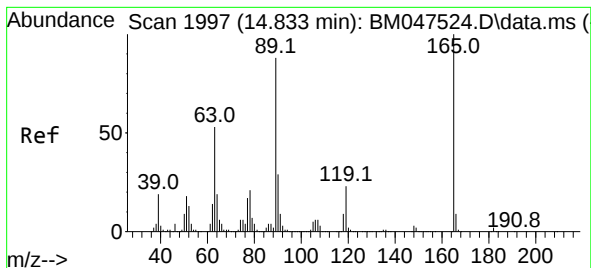
Ion Ratio Lower Upper

139 100

109 79.7 62.0 102.0

65 101.3 87.0 127.0





#57

2,4-Dinitrotoluene

Concen: 38.483 ng

RT: 14.821 min Scan# 1995

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

Tgt Ion:165 Resp: 535728

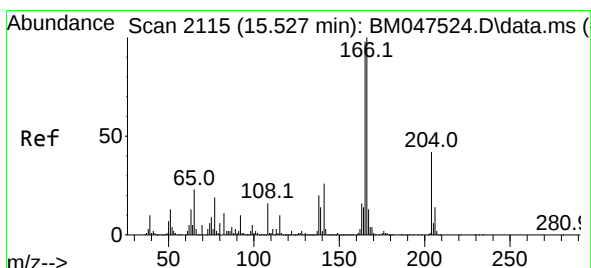
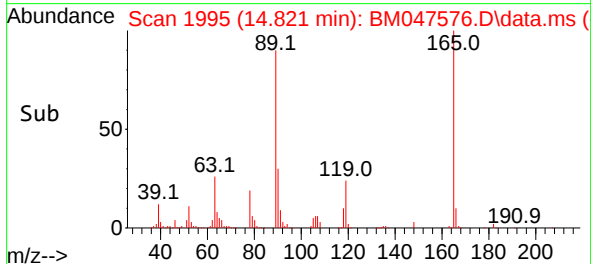
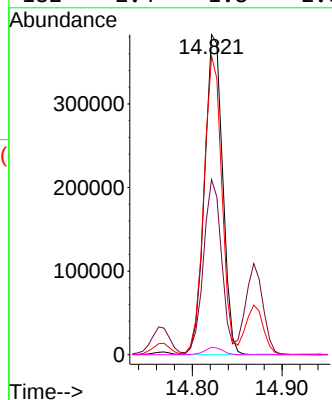
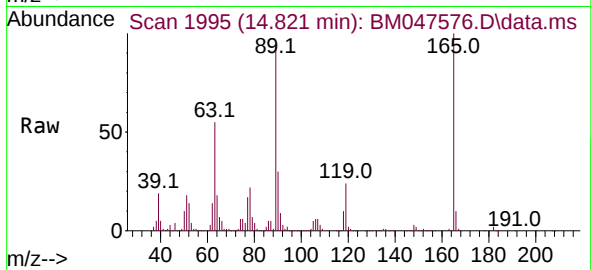
Ion Ratio Lower Upper

165 100

63 54.7 42.4 63.6

89 93.3 70.5 105.7

182 2.4 1.8 2.6



#58

Fluorene

Concen: 37.518 ng

RT: 15.515 min Scan# 2113

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

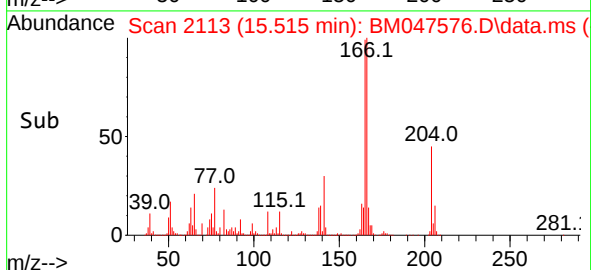
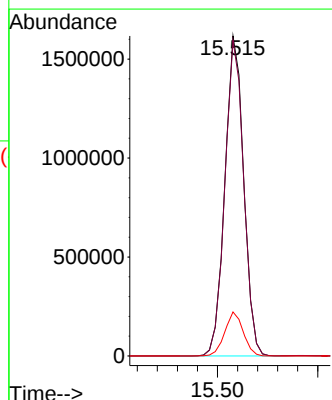
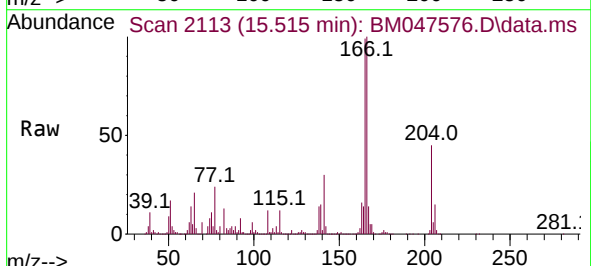
Tgt Ion:166 Resp: 2103455

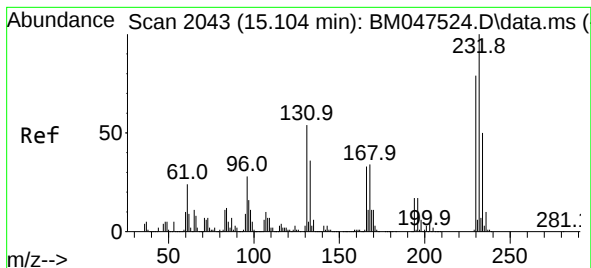
Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

167 13.7 10.7 16.1

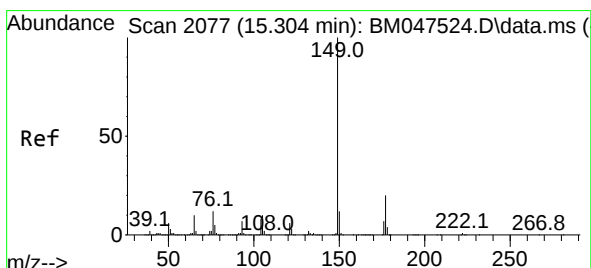
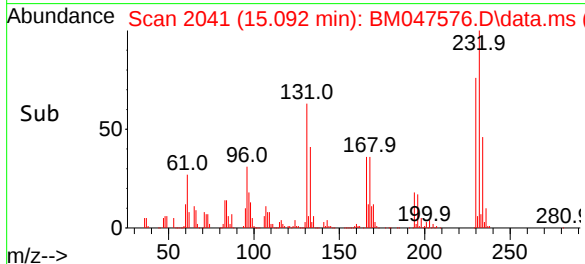
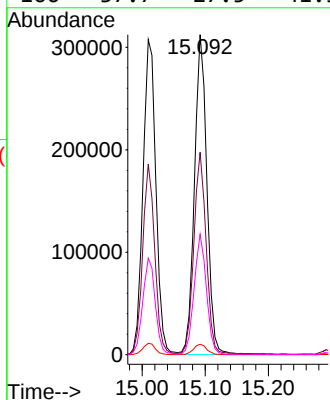
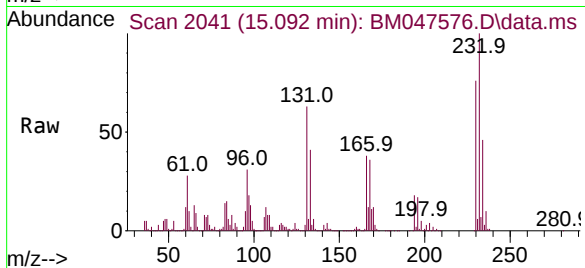




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.471 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

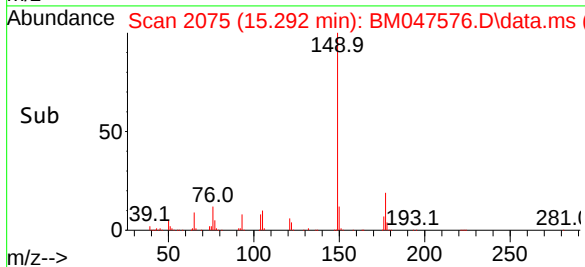
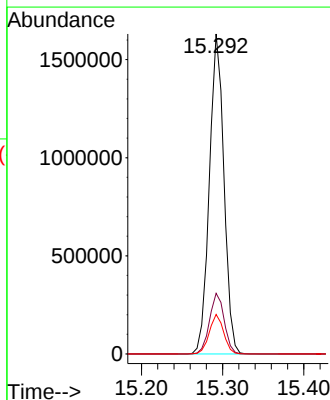
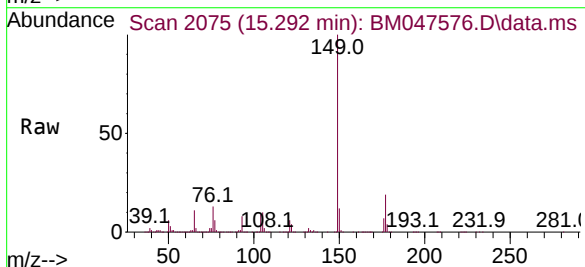
Instrument :
BNA_M
ClientSampleId :
PB163525BS

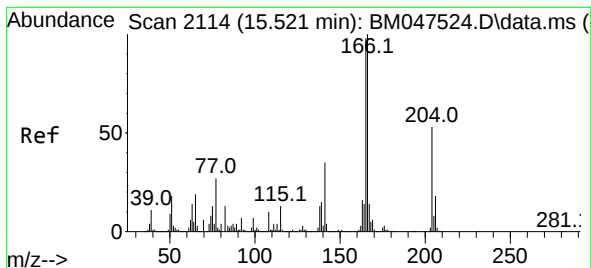
Tgt Ion:232 Resp: 427487
Ion Ratio Lower Upper
232 100
131 62.8 47.0 70.4
130 3.5 2.6 3.8
166 37.7 27.5 41.3



#60
Diethylphthalate
Concen: 38.501 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:149 Resp: 2026057
Ion Ratio Lower Upper
149 100
177 18.9 15.8 23.8
150 12.3 9.7 14.5

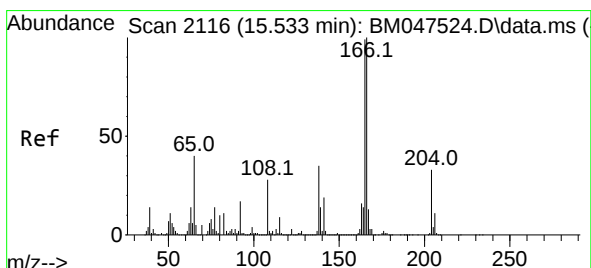
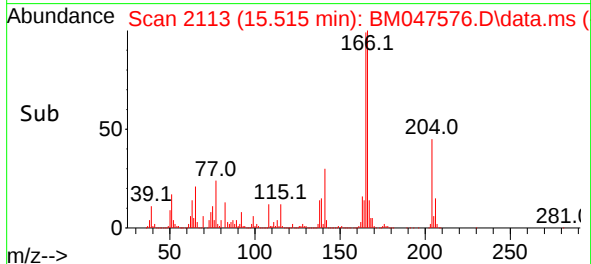
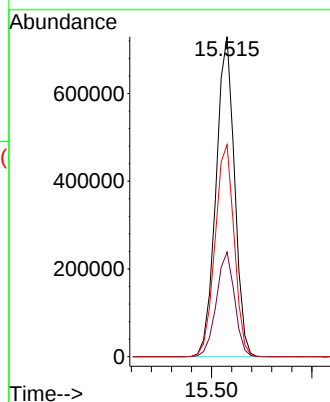
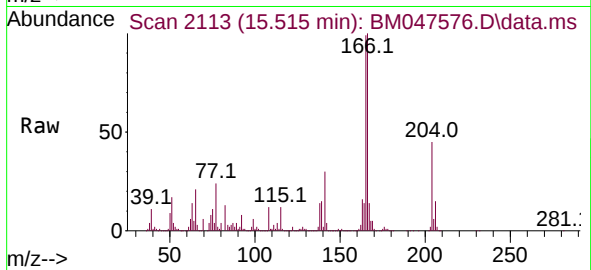




#61
4-Chlorophenyl-phenylether
Concen: 36.449 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

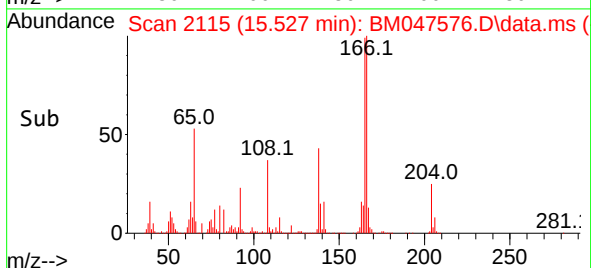
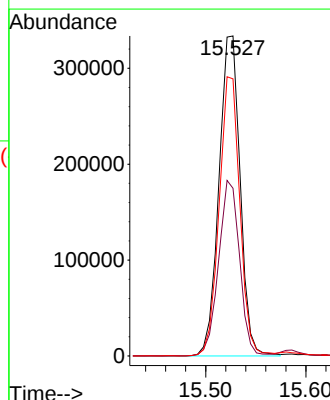
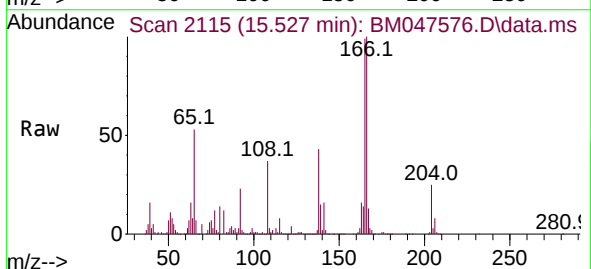
Instrument :
BNA_M
ClientSampleId :
PB163525BS

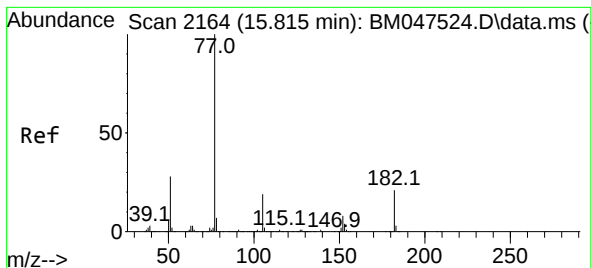
Tgt Ion:204 Resp: 934390
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.3 52.1 78.1



#62
4-Nitroaniline
Concen: 35.916 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:138 Resp: 489818
Ion Ratio Lower Upper
138 100
92 52.4 30.0 70.0
108 86.6 61.7 101.7





#63

Azobenzene

Concen: 40.693 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

Tgt Ion: 77 Resp: 2357940

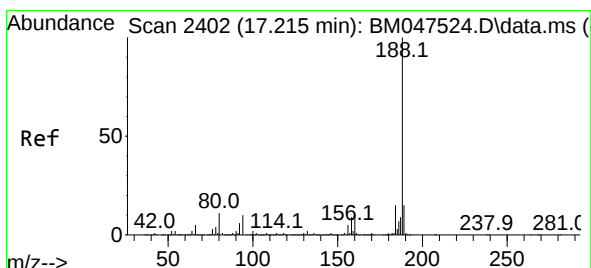
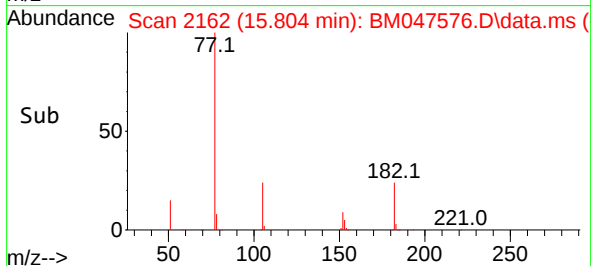
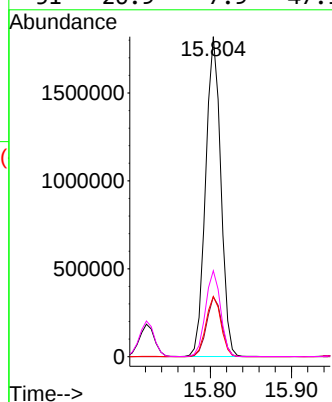
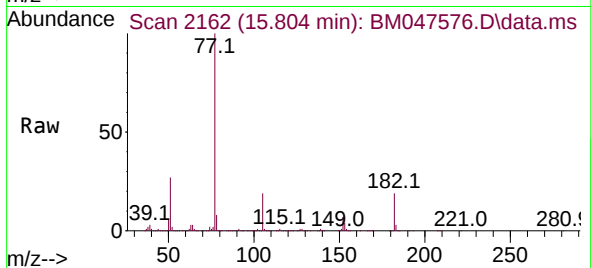
Ion Ratio Lower Upper

77 100

182 18.7 1.2 41.2

105 18.8 0.0 39.4

51 26.9 7.9 47.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

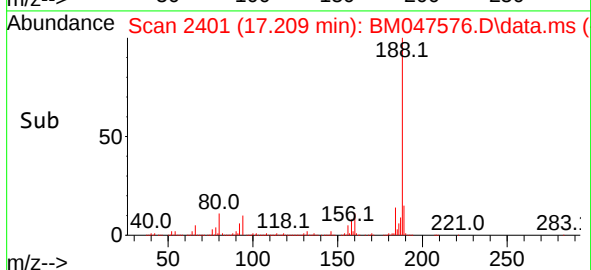
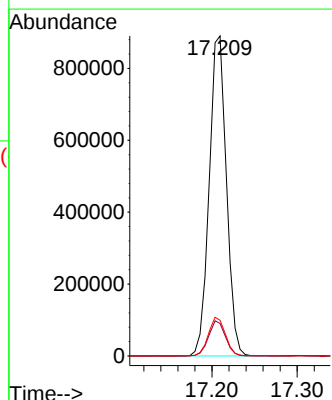
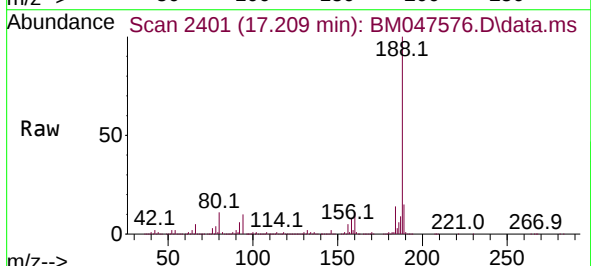
Tgt Ion:188 Resp: 1249098

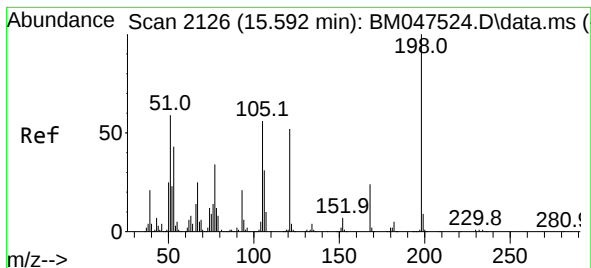
Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

80 11.2 9.1 13.7

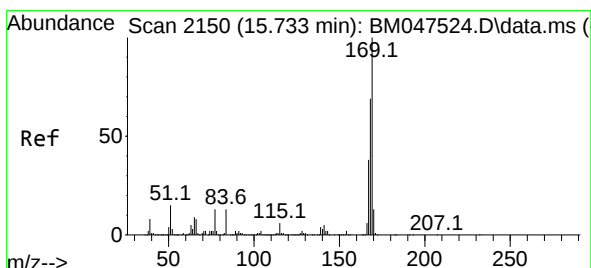
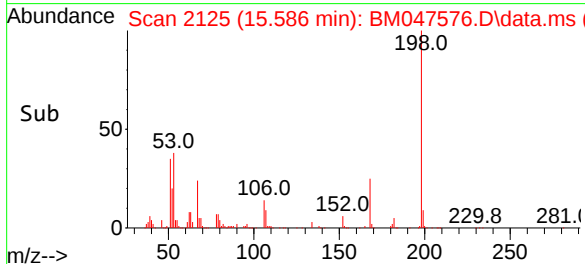
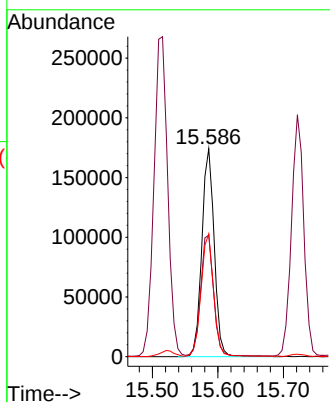
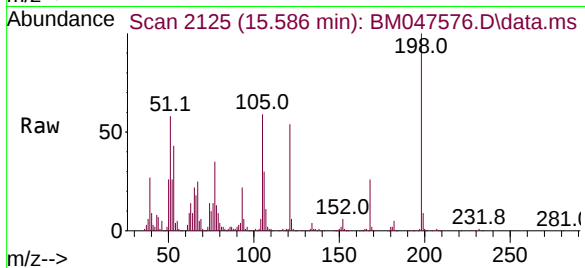




#65
4,6-Dinitro-2-methylphenol
Concen: 37.793 ng
RT: 15.586 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

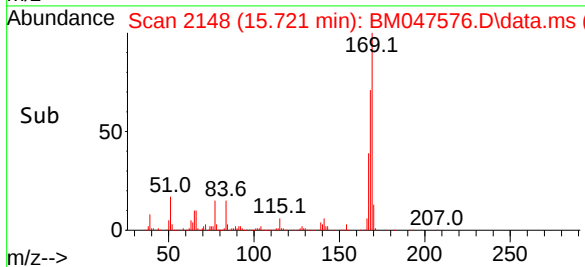
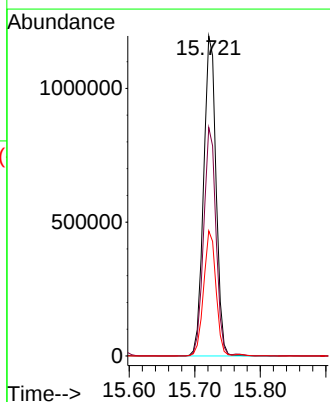
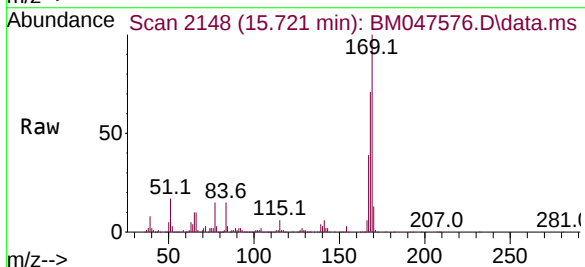
Instrument :
BNA_M
ClientSampleId :
PB163525BS

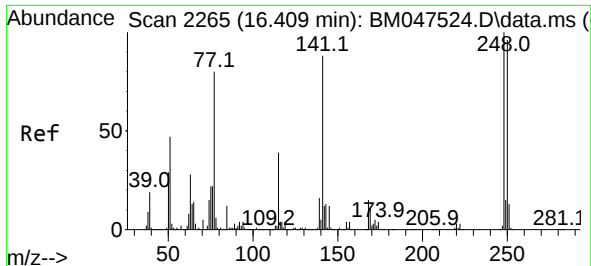
Tgt Ion:198 Resp: 229035
Ion Ratio Lower Upper
198 100
51 58.4 41.5 81.5
105 59.1 36.4 76.4



#66
n-Nitrosodiphenylamine
Concen: 41.342 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:169 Resp: 1579760
Ion Ratio Lower Upper
169 100
168 71.4 55.3 82.9
167 39.1 30.5 45.7

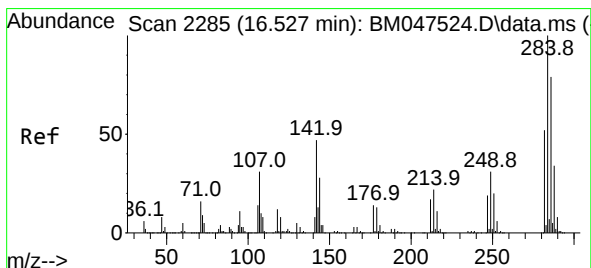
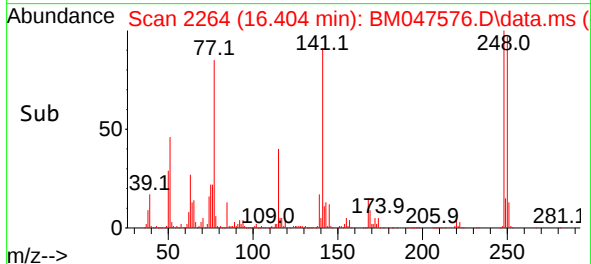
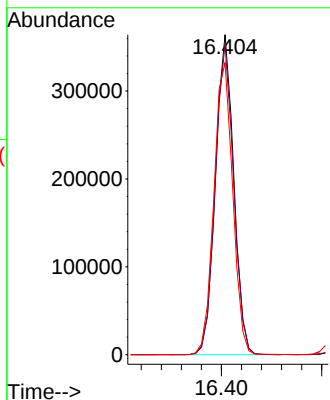
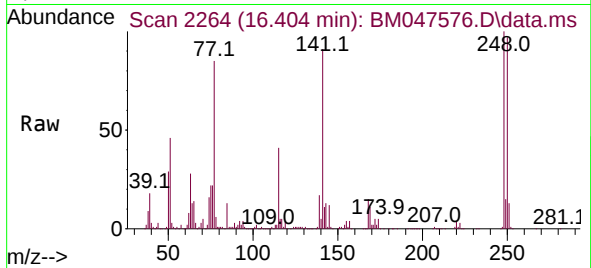




#67
4-Bromophenyl-phenylether
Concen: 37.995 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

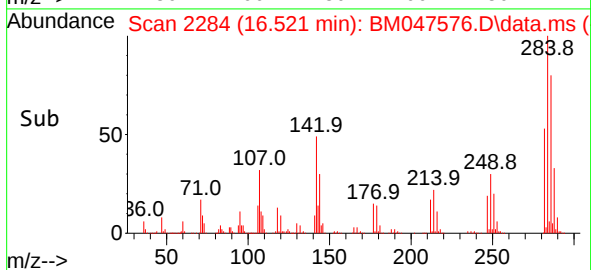
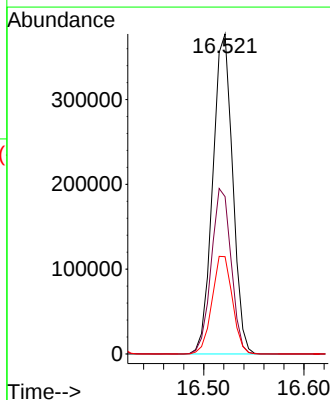
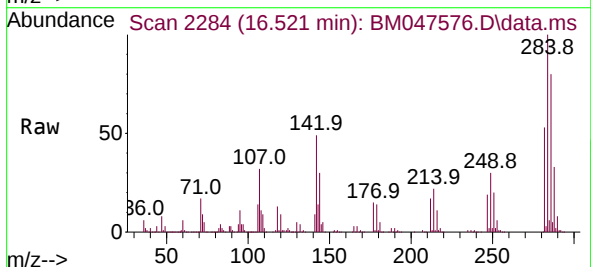
Instrument :
BNA_M
ClientSampleId :
PB163525BS

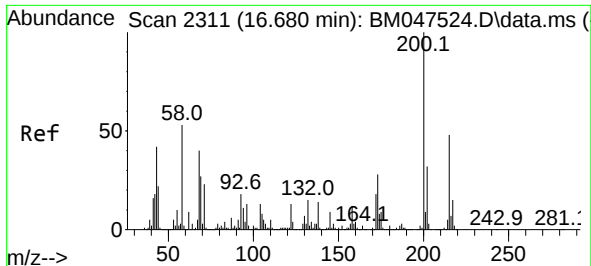
Tgt Ion:248 Resp: 461145
Ion Ratio Lower Upper
248 100
250 96.9 76.9 115.3
141 91.3 70.8 106.2



#68
Hexachlorobenzene
Concen: 37.799 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:284 Resp: 519725
Ion Ratio Lower Upper
284 100
142 49.2 37.3 55.9
249 30.4 24.5 36.7

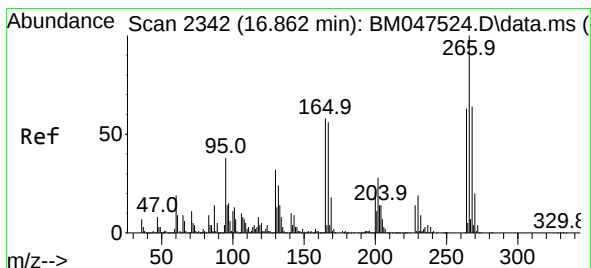
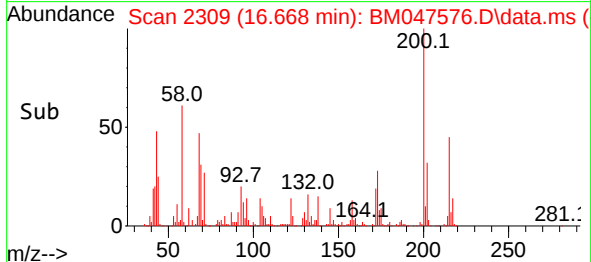
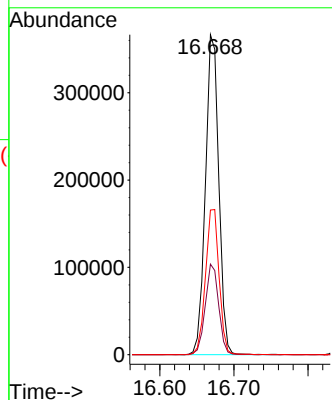
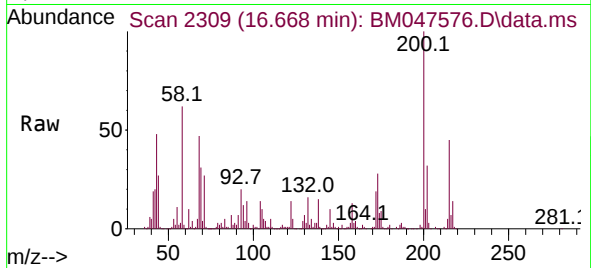




#69
 Atrazine
 Concen: 43.636 ng
 RT: 16.668 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047576.D
 Acq: 19 Sep 2024 18:32

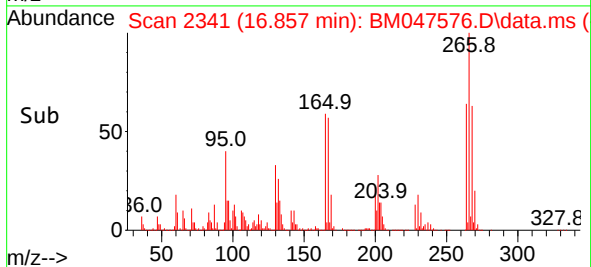
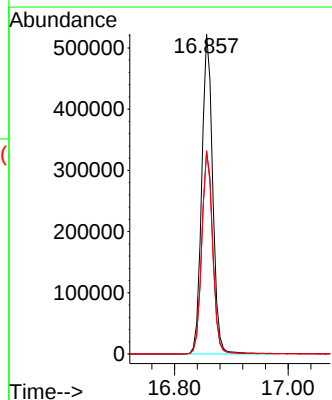
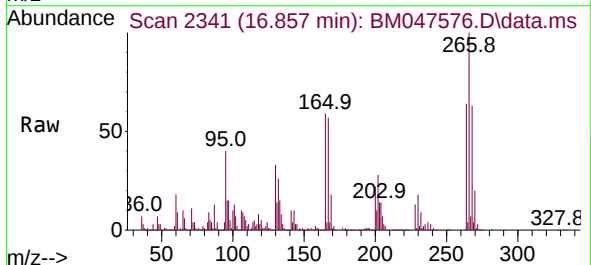
Instrument :
 BNA_M
 ClientSampleId :
 PB163525BS

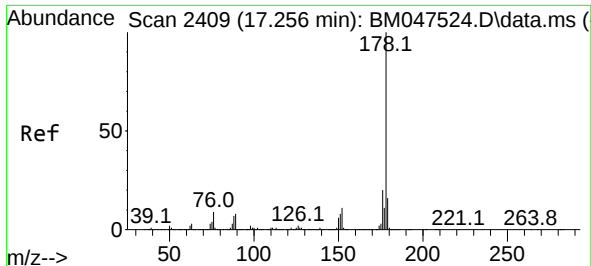
Tgt Ion:200 Resp: 460869
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.7 47.7
 215 45.2 27.9 67.9



#70
 Pentachlorophenol
 Concen: 87.708 ng
 RT: 16.857 min Scan# 2341
 Delta R.T. -0.006 min
 Lab File: BM047576.D
 Acq: 19 Sep 2024 18:32

Tgt Ion:266 Resp: 699067
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.4
 264 63.5 50.4 75.6

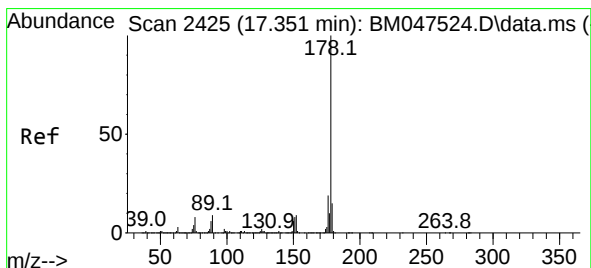
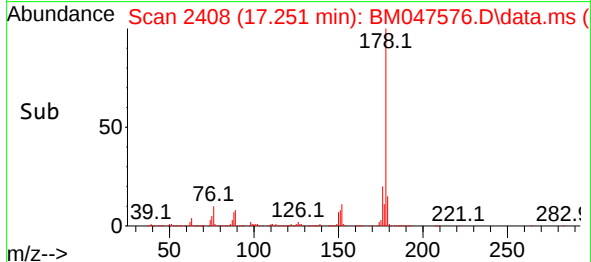
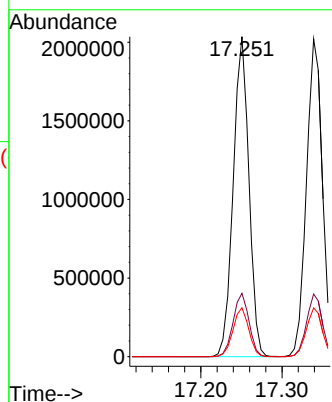
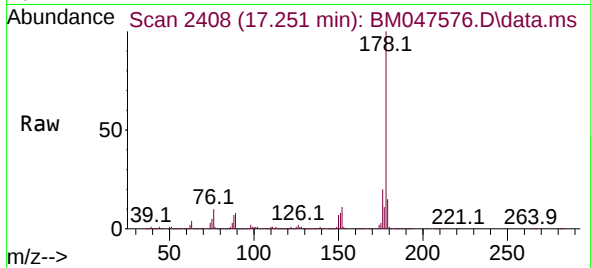




#71
Phenanthrene
Concen: 39.580 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

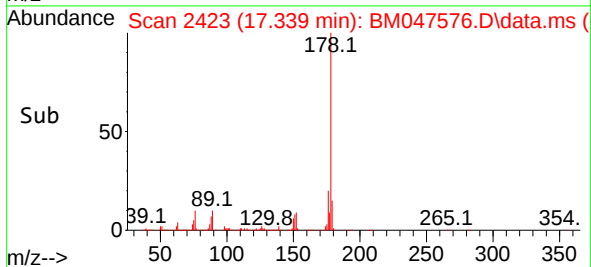
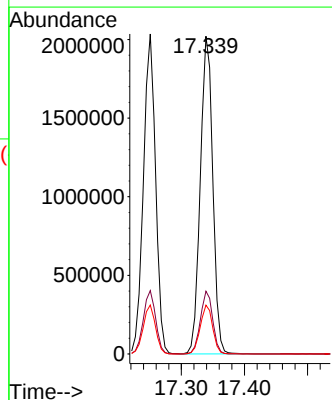
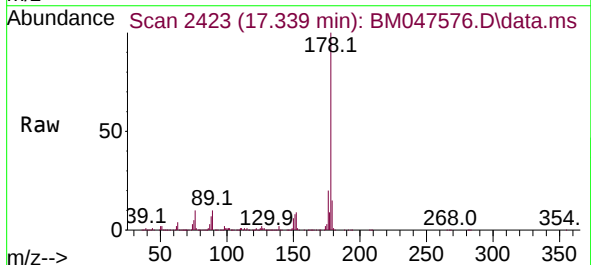
Instrument :
BNA_M
ClientSampleId :
PB163525BS

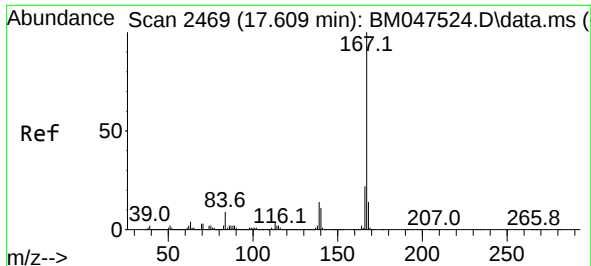
Tgt Ion:178 Resp: 2724604
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 41.804 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:178 Resp: 2764781
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.4 12.3 18.5

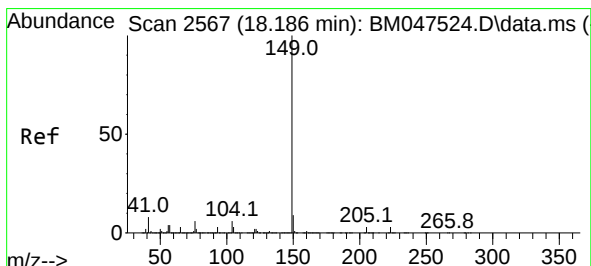
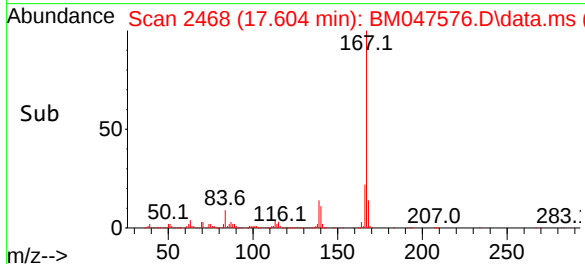
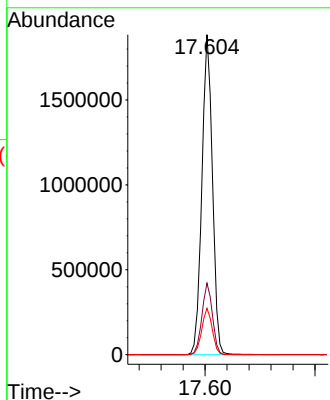
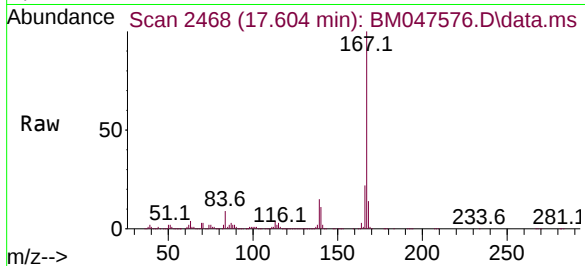




#73
 Carbazole
 Concen: 38.350 ng
 RT: 17.604 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM047576.D
 Acq: 19 Sep 2024 18:32

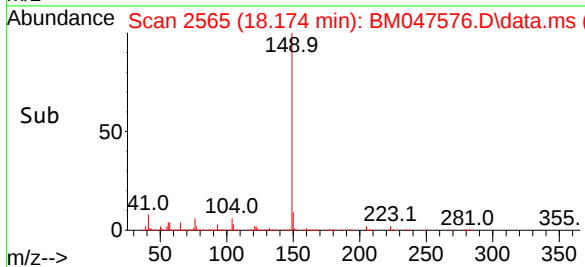
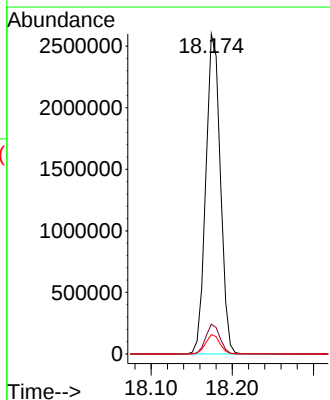
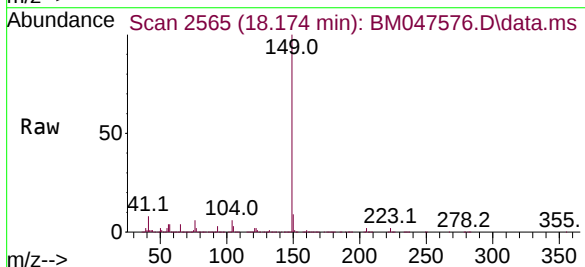
Instrument :
 BNA_M
 ClientSampleId :
 PB163525BS

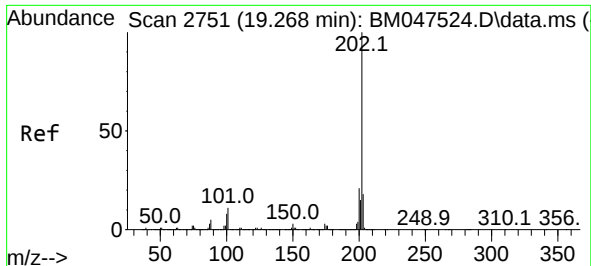
Tgt Ion:167 Resp: 2513569
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 14.5 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 41.042 ng
 RT: 18.174 min Scan# 2565
 Delta R.T. -0.012 min
 Lab File: BM047576.D
 Acq: 19 Sep 2024 18:32

Tgt Ion:149 Resp: 3218574
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.1 4.6 6.8

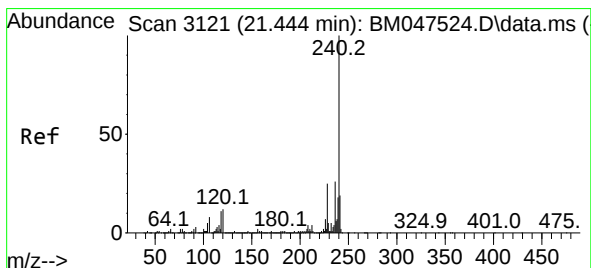
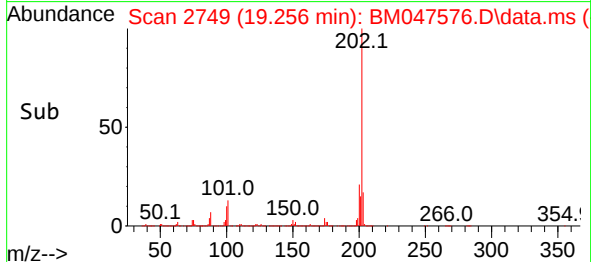
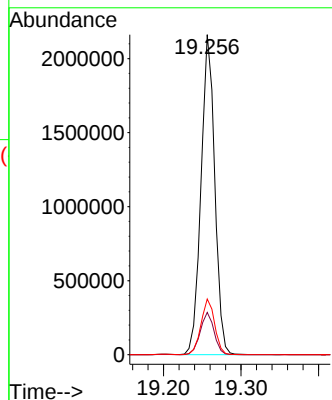
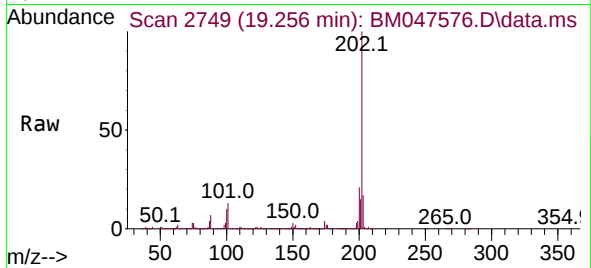




#75
Fluoranthene
Concen: 35.376 ng
RT: 19.256 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

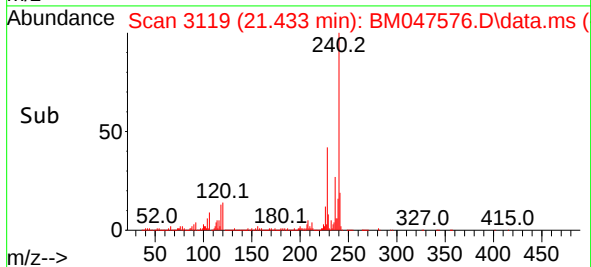
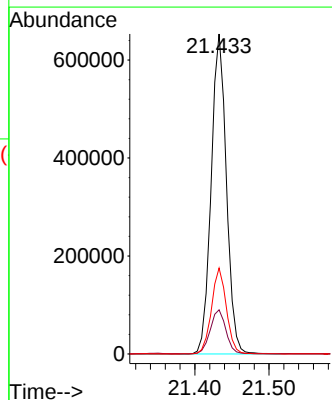
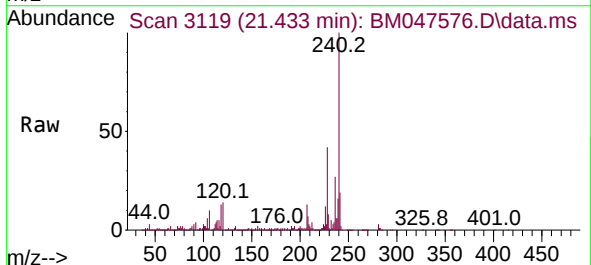
Instrument :
BNA_M
ClientSampleId :
PB163525BS

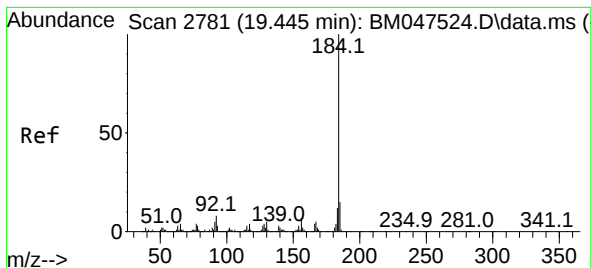
Tgt Ion:202 Resp: 2656969
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.8
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:240 Resp: 931080
Ion Ratio Lower Upper
240 100
120 13.8 9.6 14.4
236 26.9 20.9 31.3





#77

Benzidine

Concen: 79.546 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

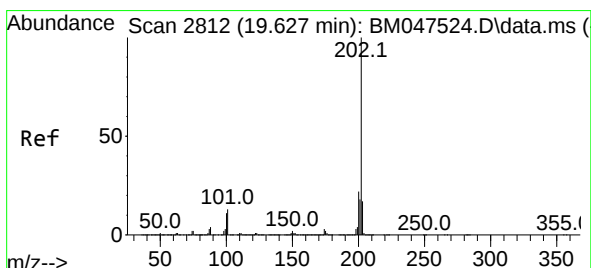
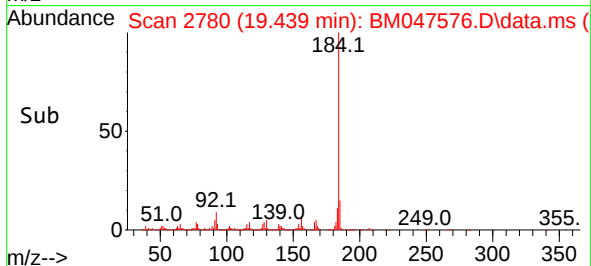
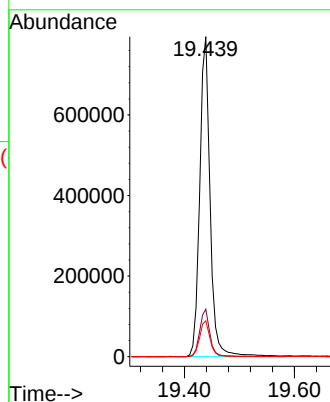
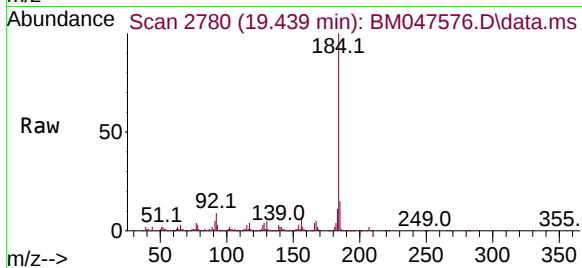
Tgt Ion:184 Resp: 1043088

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

183 11.2 9.6 14.4



#78

Pyrene

Concen: 41.956 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

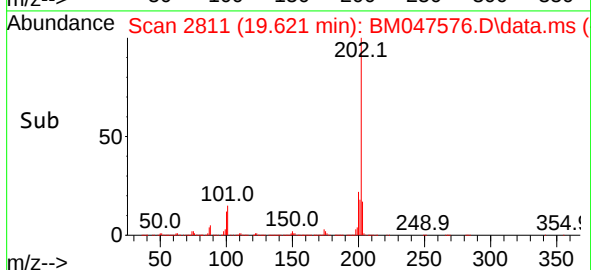
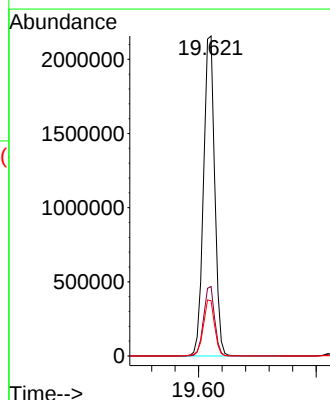
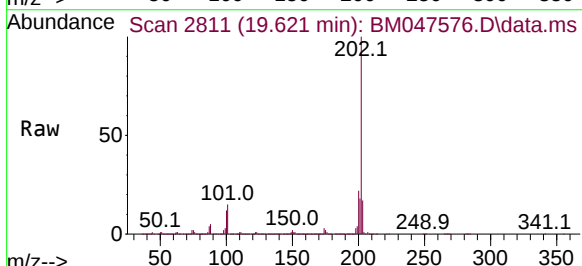
Tgt Ion:202 Resp: 2849478

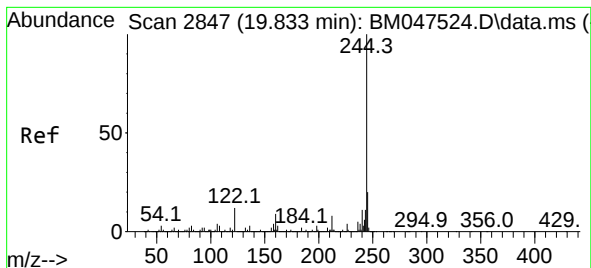
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 92.170 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

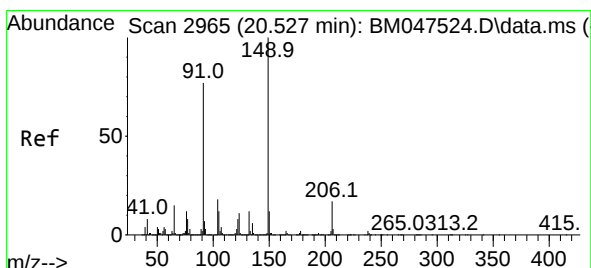
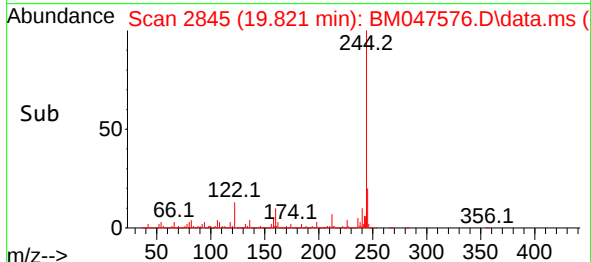
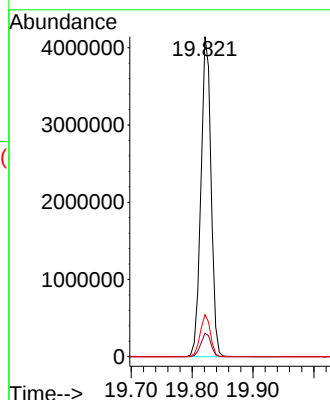
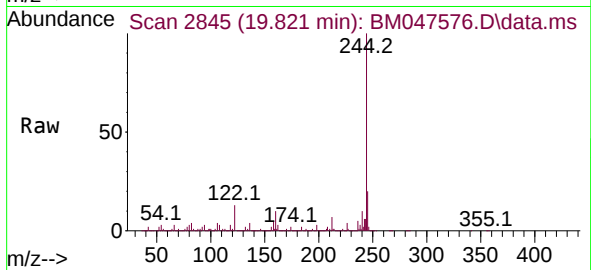
Tgt Ion:244 Resp: 4789115

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 13.2 9.6 14.4



#80

Butylbenzylphthalate

Concen: 47.092 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

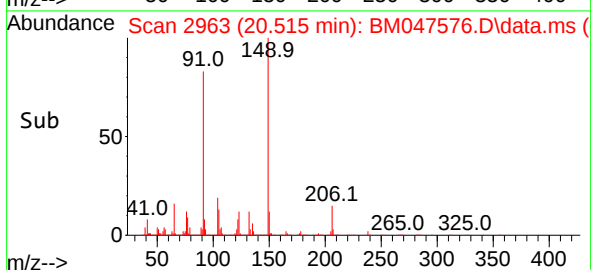
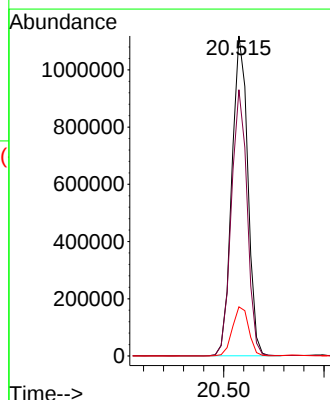
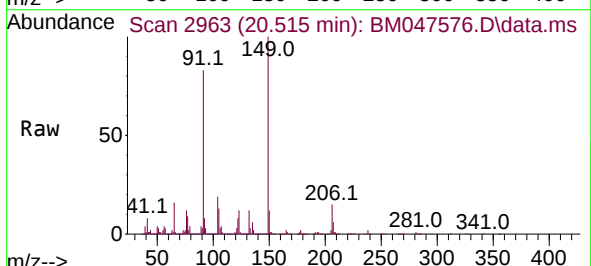
Tgt Ion:149 Resp: 1231170

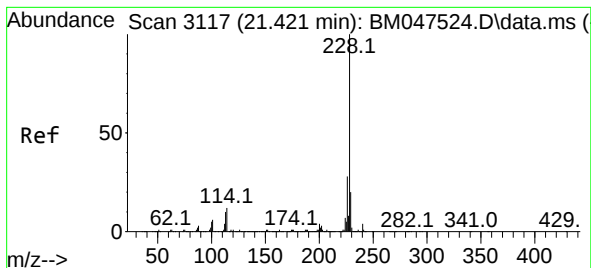
Ion Ratio Lower Upper

149 100

91 83.2 62.0 93.0

206 15.4 13.8 20.8





#81

Benzo(a)anthracene

Concen: 40.621 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

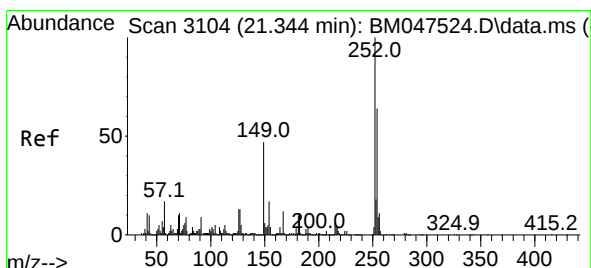
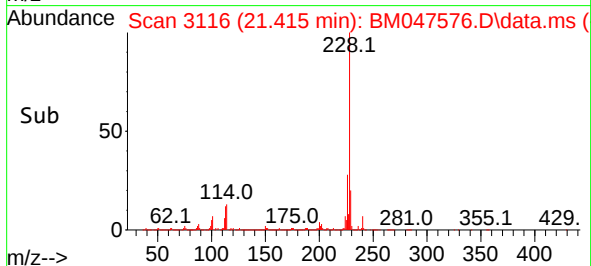
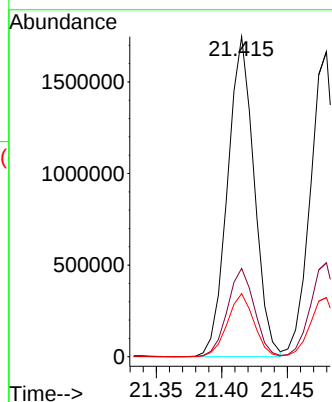
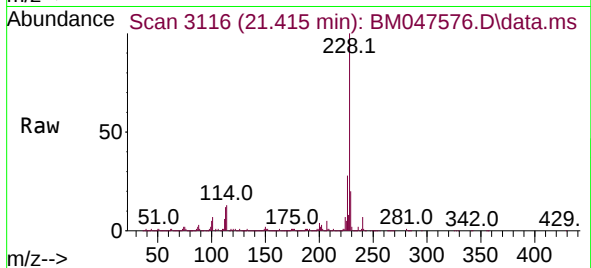
Tgt Ion:228 Resp: 2465184

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 34.484 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

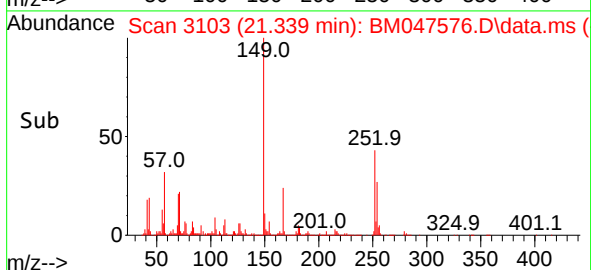
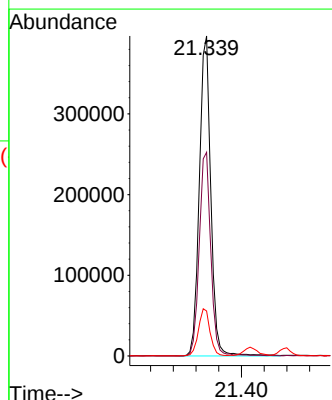
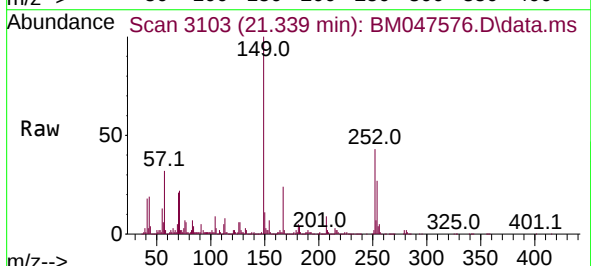
Tgt Ion:252 Resp: 556704

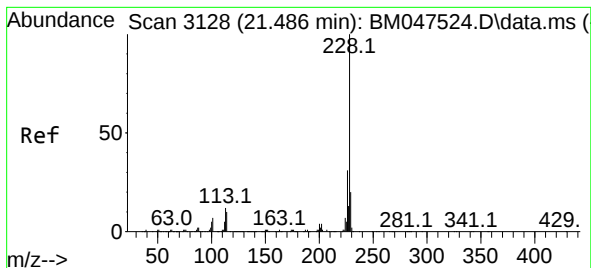
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 14.1 10.3 15.5





#83

Chrysene

Concen: 40.334 ng

RT: 21.480 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

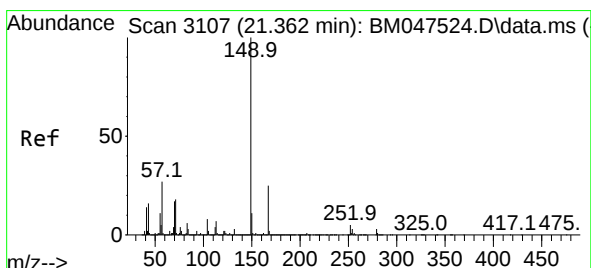
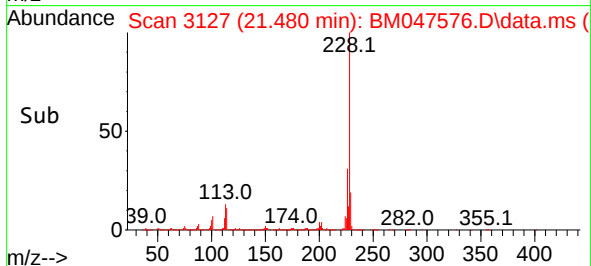
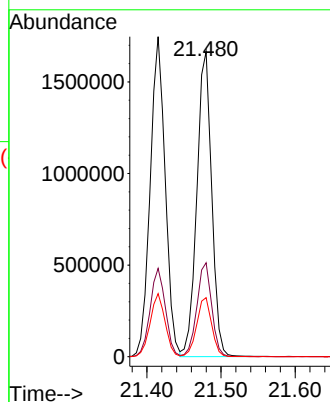
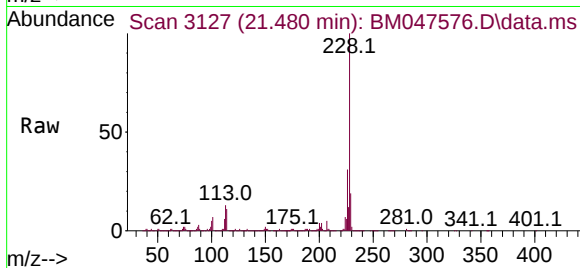
Tgt Ion:228 Resp: 2315290

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 19.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.447 ng

RT: 21.344 min Scan# 3104

Delta R.T. -0.018 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

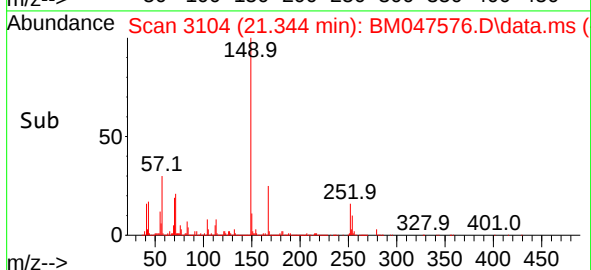
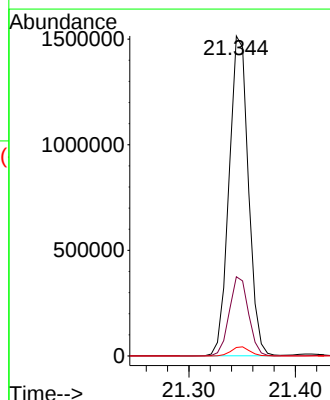
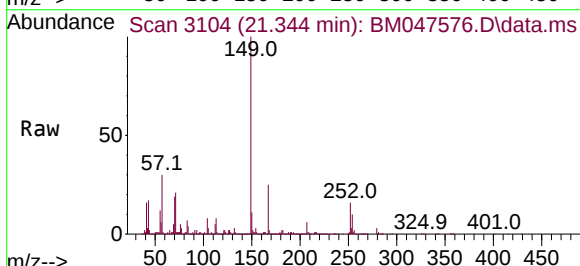
Tgt Ion:149 Resp: 1902284

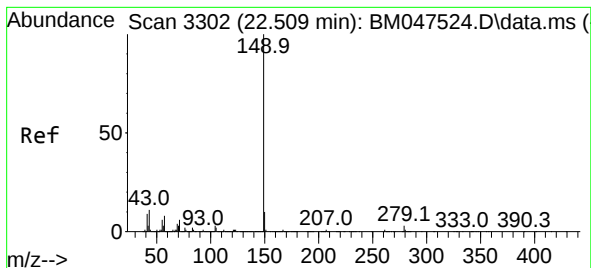
Ion Ratio Lower Upper

149 100

167 24.7 20.2 30.4

279 2.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 49.642 ng

RT: 22.491 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

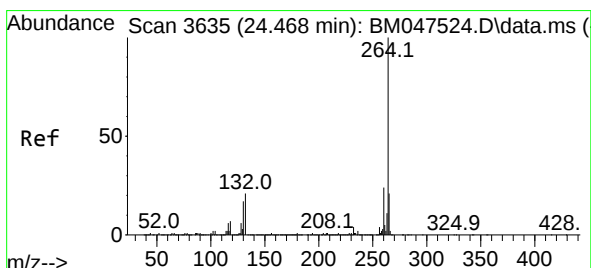
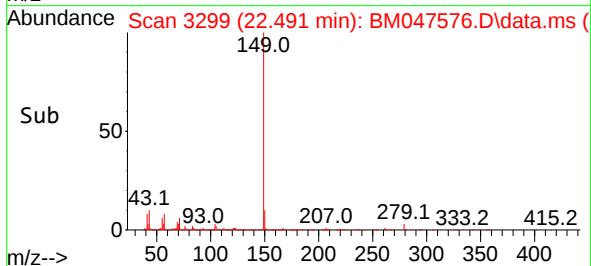
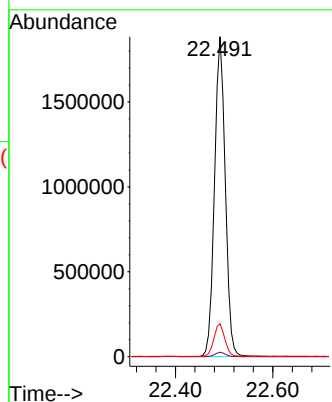
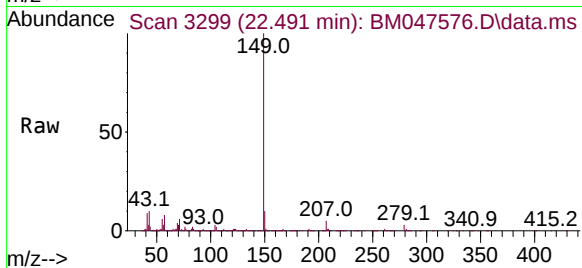
Tgt Ion:149 Resp: 2875860

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

43 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3633

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

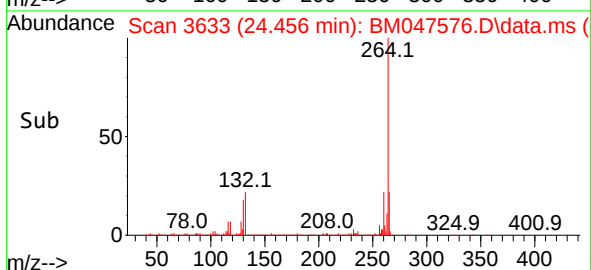
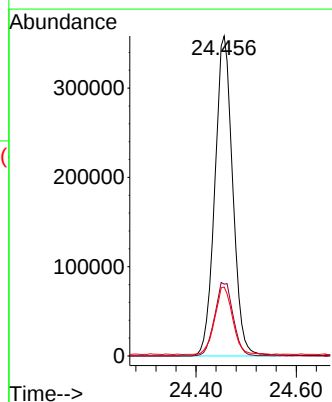
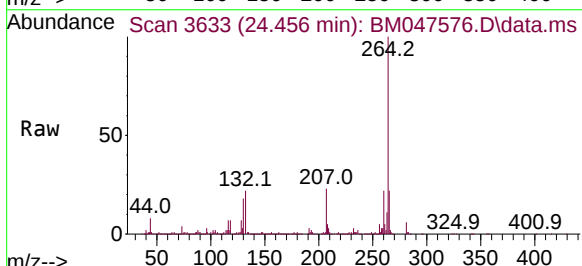
Tgt Ion:264 Resp: 885105

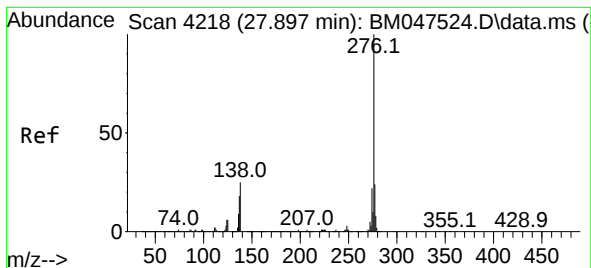
Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.991 ng

RT: 27.879 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

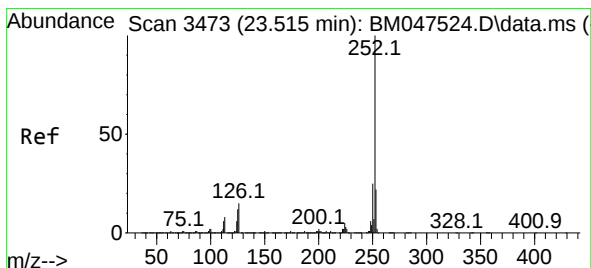
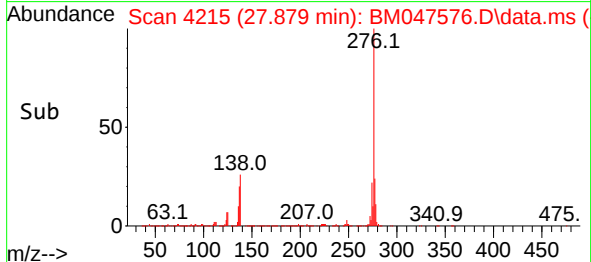
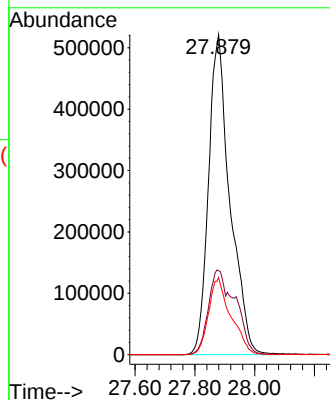
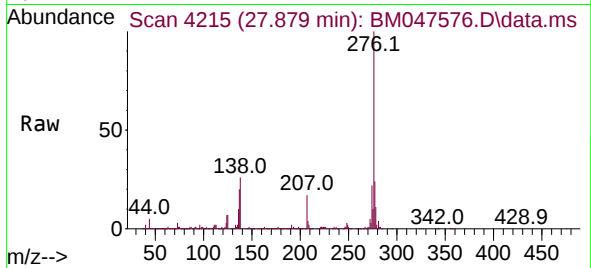
Tgt Ion:276 Resp: 2594990

Ion Ratio Lower Upper

276 100

138 33.1 25.0 37.6

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 37.572 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

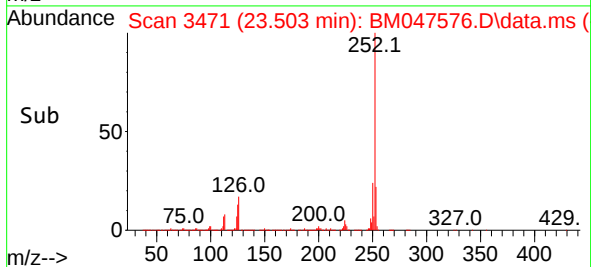
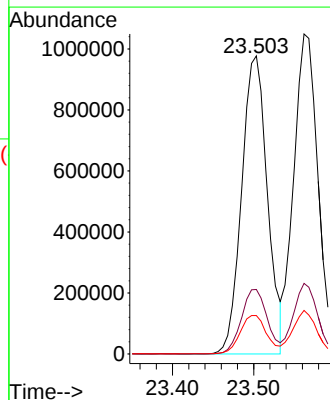
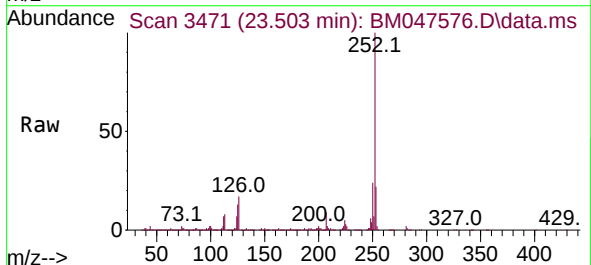
Tgt Ion:252 Resp: 2151679

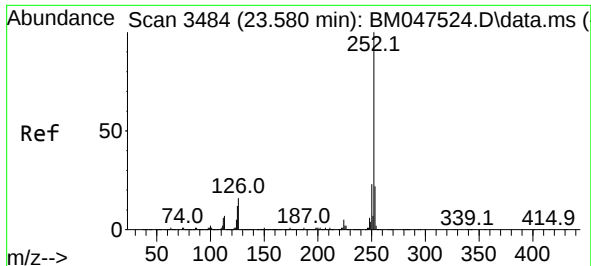
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 12.9 9.5 14.3

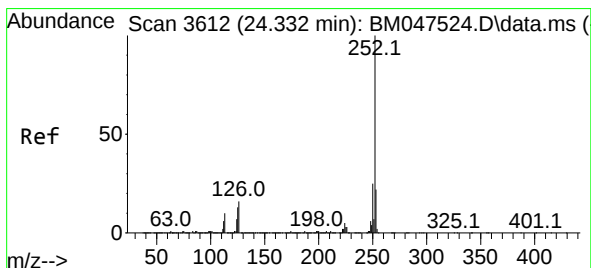
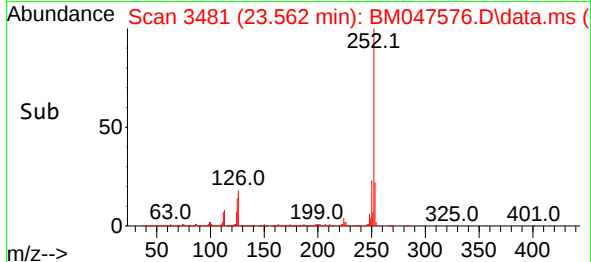
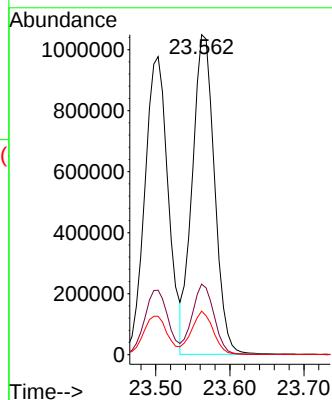
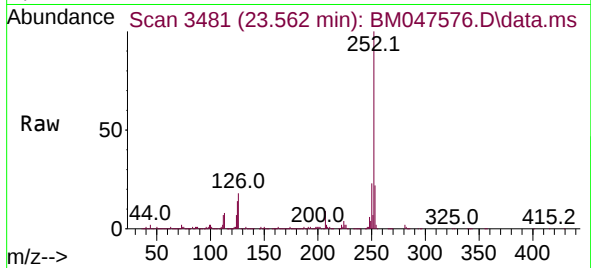




#89
Benzo(k)fluoranthene
Concen: 38.454 ng
RT: 23.562 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

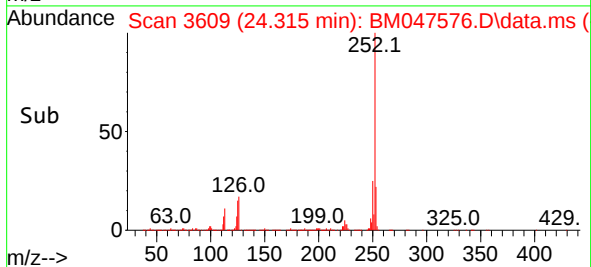
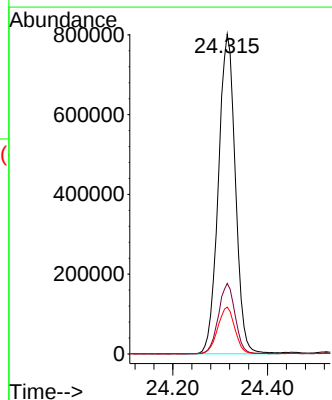
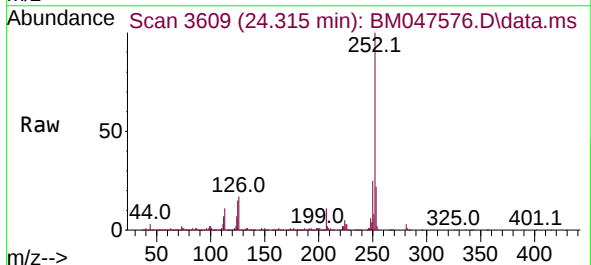
Instrument :
BNA_M
ClientSampleId :
PB163525BS

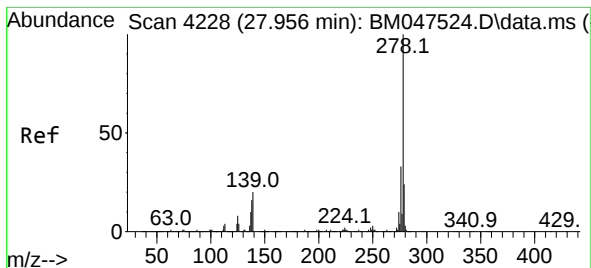
Tgt Ion:252 Resp: 2182535
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 13.6 9.5 14.3



#90
Benzo(a)pyrene
Concen: 42.561 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.018 min
Lab File: BM047576.D
Acq: 19 Sep 2024 18:32

Tgt Ion:252 Resp: 1997687
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 14.7 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 48.385 ng

RT: 27.938 min Scan# 4395

Delta R.T. -0.018 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Instrument :

BNA_M

ClientSampleId :

PB163525BS

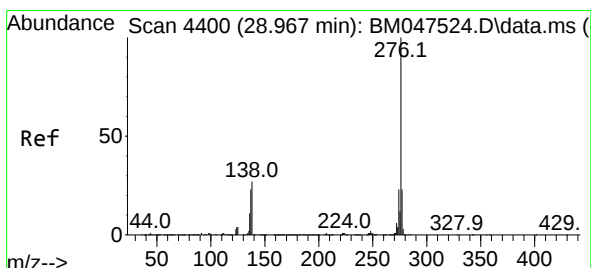
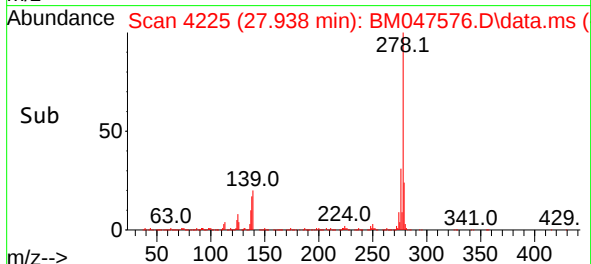
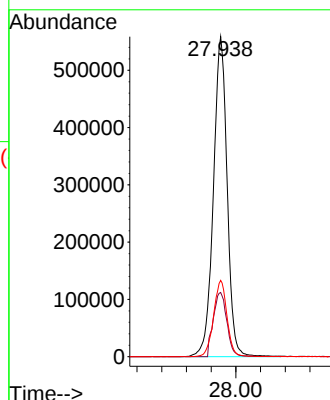
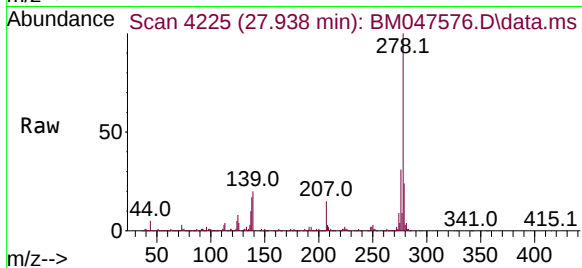
Tgt Ion:278 Resp: 2156273

Ion Ratio Lower Upper

278 100

139 20.1 15.9 23.9

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 45.627 ng

RT: 28.944 min Scan# 4396

Delta R.T. -0.023 min

Lab File: BM047576.D

Acq: 19 Sep 2024 18:32

Tgt Ion:276 Resp: 1986278

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 28.8 21.5 32.3

