

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047276.D
 Acq On : 20 Aug 2024 18:56
 Operator : RC/JU
 Sample : PB162861BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162861BS

Quant Time: Aug 21 02:48:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	306092	20.000	ng	-0.02
21) Naphthalene-d8	10.116	136	1089203	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	646868	20.000	ng	-0.01
64) Phenanthrene-d10	16.780	188	1203583	20.000	ng	-0.01
76) Chrysene-d12	21.027	240	862111	20.000	ng	0.00
86) Perylene-d12	23.715	264	1048855	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	2022588	118.070	ng	0.00
7) Phenol-d6	6.581	99	2479108	105.029	ng	0.00
23) Nitrobenzene-d5	8.510	82	1684005	77.851	ng	-0.01
42) 2,4,6-Tribromophenol	15.527	330	915700	122.085	ng	-0.01
45) 2-Fluorobiphenyl	12.627	172	3650845	87.058	ng	-0.02
79) Terphenyl-d14	19.450	244	4454873	110.725	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	238922	33.662	ng	98
3) Pyridine	3.404	79	646043	31.040	ng	97
4) n-Nitrosodimethylamine	3.322	42	332878	36.607	ng	98
6) Aniline	6.710	93	899353	40.311	ng	98
8) 2-Chlorophenol	6.940	128	804383	43.053	ng	97
9) Benzaldehyde	6.522	77	407136	29.710	ng	100
10) Phenol	6.604	94	905332	38.438	ng	98
11) bis(2-Chloroethyl)ether	6.810	93	780613	38.702	ng	99
12) 1,3-Dichlorobenzene	7.245	146	914174	41.175	ng	98
13) 1,4-Dichlorobenzene	7.392	146	928351	41.298	ng	99
14) 1,2-Dichlorobenzene	7.698	146	893292	42.117	ng	98
15) Benzyl Alcohol	7.616	79	691309	41.152	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.881	45	991782	38.319	ng	99
17) 2-Methylphenol	7.822	107	621721	39.567	ng	99
18) Hexachloroethane	8.410	117	357895	41.102	ng	94
19) n-Nitroso-di-n-propyla...	8.169	70	558980	35.157	ng	99
20) 3+4-Methylphenols	8.151	107	830135	37.790	ng	99
22) Acetophenone	8.181	105	1078820	41.033	ng	99
24) Nitrobenzene	8.551	77	875215	40.182	ng	98
25) Isophorone	9.075	82	1545427	41.033	ng	98
26) 2-Nitrophenol	9.251	139	450488	46.701	ng	94
27) 2,4-Dimethylphenol	9.328	122	602555	53.326	ng	99
28) bis(2-Chloroethoxy)met...	9.557	93	981225	41.404	ng	100
29) 2,4-Dichlorophenol	9.781	162	771612	46.023	ng	99
30) 1,2,4-Trichlorobenzene	9.986	180	843569	44.460	ng	99
31) Naphthalene	10.163	128	2277705	41.977	ng	99
32) Benzoic acid	9.516	122	501305	38.186	ng	98
33) 4-Chloroaniline	10.292	127	580396	27.815	ng	98
34) Hexachlorobutadiene	10.445	225	538381	48.479	ng	98
35) Caprolactam	11.098	113	212654	36.523	ng	95
36) 4-Chloro-3-methylphenol	11.445	107	709876	39.757	ng	99
37) 2-Methylnaphthalene	11.792	142	1596000	41.311	ng	98
38) 1-Methylnaphthalene	12.016	142	1483114	38.844	ng	98
40) 1,2,4,5-Tetrachloroben...	12.174	216	874922	49.589	ng	99
41) Hexachlorocyclopentadiene	12.145	237	1101488	178.786	ng	97
43) 2,4,6-Trichlorophenol	12.433	196	601623	47.974	ng	99

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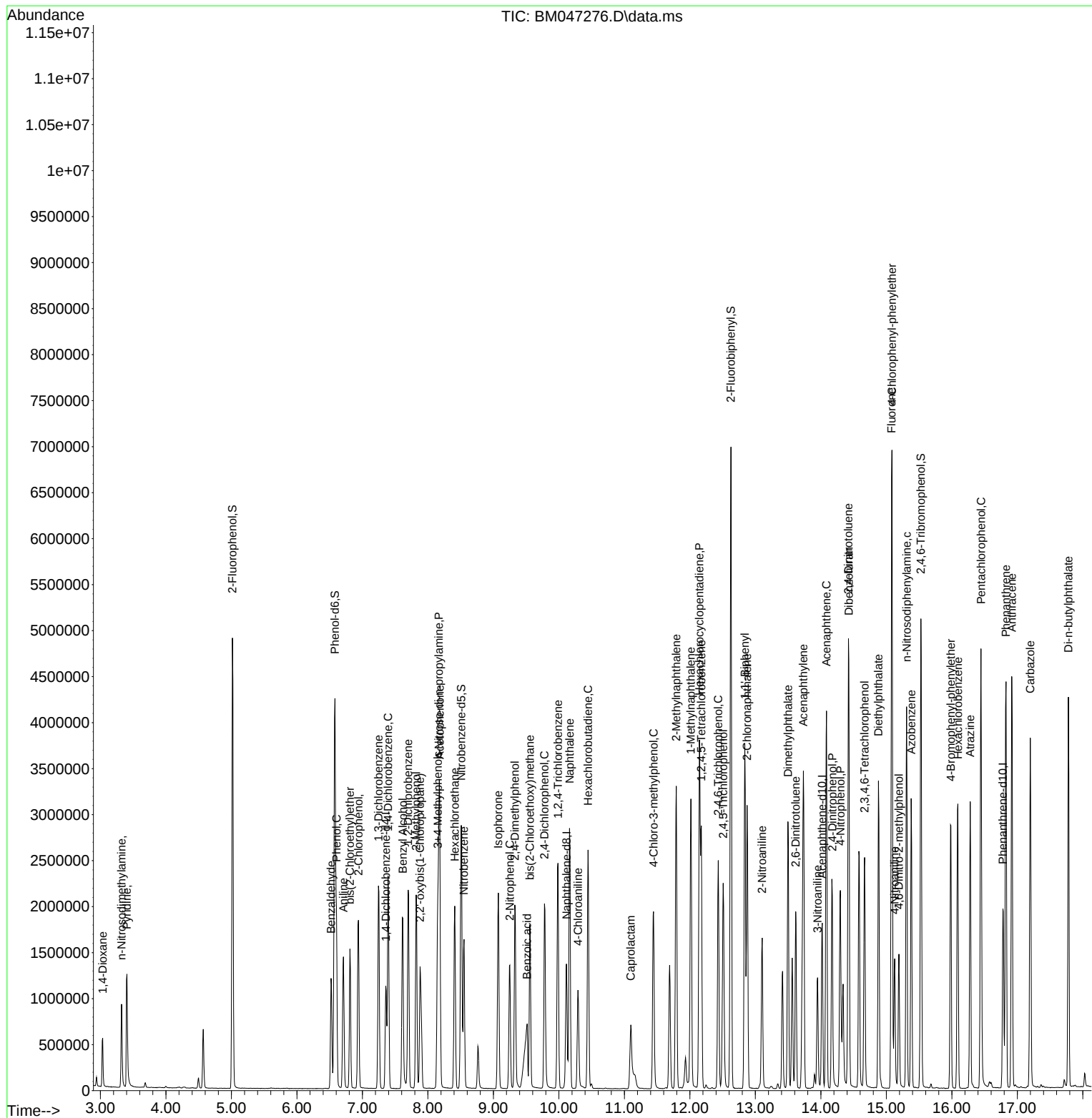
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	636732	45.730	ng	98
46) 1,1'-Biphenyl	12.839	154	2006076	43.562	ng	99
47) 2-Chloronaphthalene	12.874	162	1552299	43.127	ng	99
48) 2-Nitroaniline	13.104	65	452601	40.137	ng	95
49) Acenaphthylene	13.733	152	2434110	45.878	ng	100
50) Dimethylphthalate	13.498	163	1935542	42.843	ng	99
51) 2,6-Dinitrotoluene	13.616	165	430803	40.792	ng	94
52) Acenaphthene	14.086	154	1471865	43.734	ng	99
53) 3-Nitroaniline	13.951	138	309121	29.211	ng	98
54) 2,4-Dinitrophenol	14.174	184	537224	84.874	ng	89
55) Dibenzofuran	14.427	168	2282132	42.929	ng	98
56) 4-Nitrophenol	14.298	139	677594	74.254	ng	98
57) 2,4-Dinitrotoluene	14.421	165	557257	39.532	ng	97
58) Fluorene	15.080	166	1812039	41.311	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.668	232	520332	45.470	ng	95
60) Diethylphthalate	14.880	149	1869268	40.518	ng	97
61) 4-Chlorophenyl-phenyle...	15.086	204	893985	42.811	ng	96
62) 4-Nitroaniline	15.127	138	370223	35.511	ng	98
63) Azobenzene	15.380	77	1711387	39.123	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	337654	47.916	ng	91
66) n-Nitrosodiphenylamine	15.310	169	1569912	47.889	ng	99
67) 4-Bromophenyl-phenylether	15.986	248	570223	49.166	ng	97
68) Hexachlorobenzene	16.092	284	660438	47.547	ng	95
69) Atrazine	16.280	200	560577	56.826	ng	98
70) Pentachlorophenol	16.445	266	839820	86.252	ng	98
71) Phenanthrene	16.827	178	2719757	45.027	ng	100
72) Anthracene	16.915	178	2776396	47.239	ng	100
73) Carbazole	17.198	167	2488478	41.468	ng	99
74) Di-n-butylphthalate	17.780	149	3059334	43.814	ng	99
75) Fluoranthene	18.862	202	2953418	40.199	ng	99
77) Benzidine	19.068	184	1460330	99.885	ng	99
78) Pyrene	19.227	202	3068666	49.851	ng	99
80) Butylbenzylphthalate	20.168	149	1252925	49.875	ng	95
81) Benzo(a)anthracene	21.009	228	2662533	46.522	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	879794	49.132	ng	99
83) Chrysene	21.068	228	2494012	45.930	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	1739611	48.829	ng	98
85) Di-n-octyl phthalate	21.997	149	2950362	48.722	ng	98
87) Indeno(1,2,3-cd)pyrene	26.715	276	3486627	51.428	ng	98
88) Benzo(b)fluoranthene	22.880	252	2686352	43.128	ng	99
89) Benzo(k)fluoranthene	22.933	252	2693566	45.783	ng	99
90) Benzo(a)pyrene	23.597	252	2646747	49.052	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	2777335	50.621	ng	99
92) Benzo(g,h,i)perylene	27.650	276	2745812	48.203	ng	98

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

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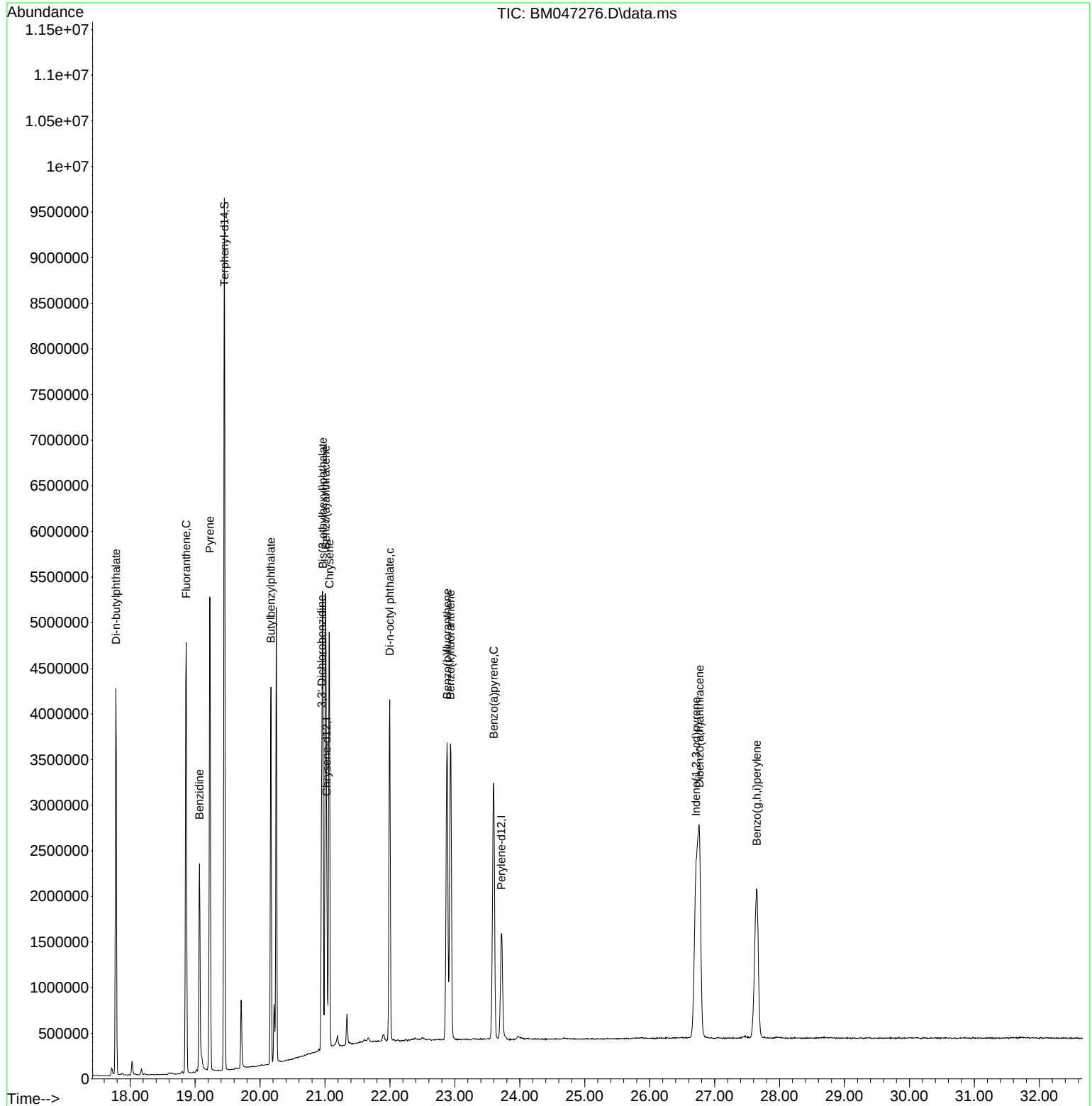
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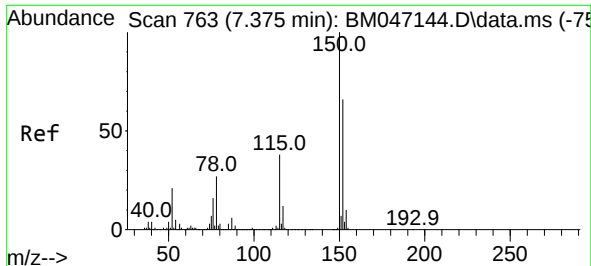


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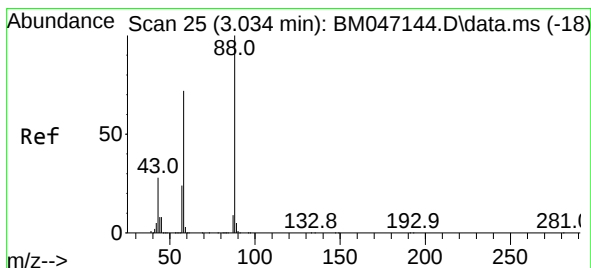
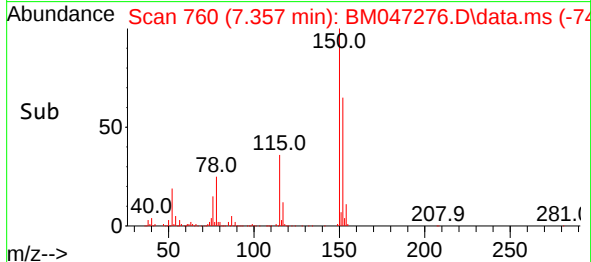
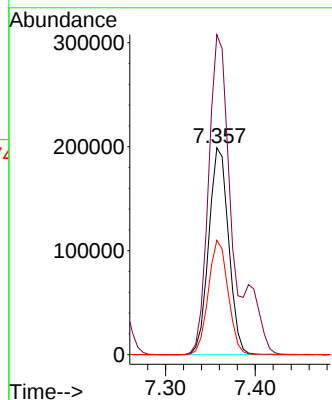
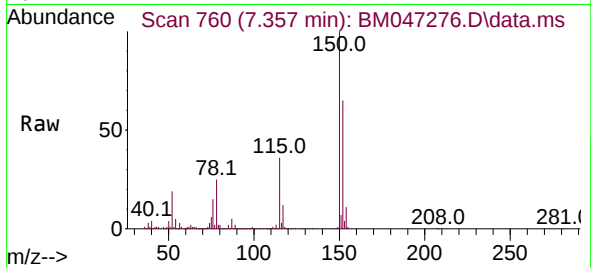




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 7
Delta R.T. -0.018 min
Lab File: BM047276.D
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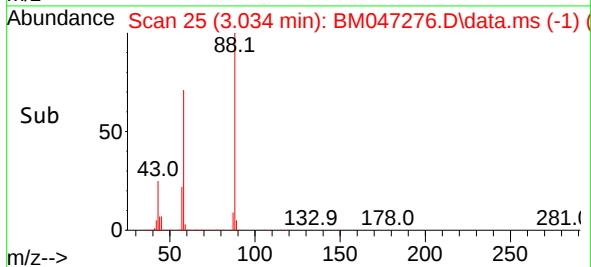
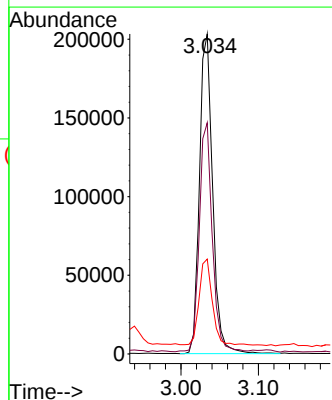
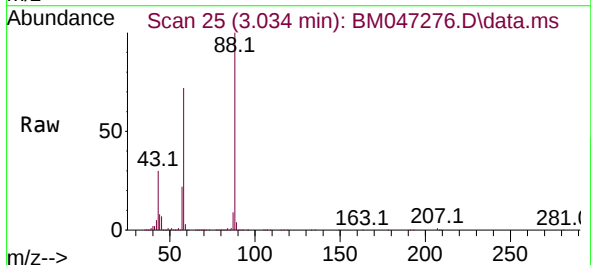
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Tgt Ion:152 Resp: 306092
Ion Ratio Lower Upper
152 100
150 154.6 120.5 180.7
115 55.3 45.5 68.3



#2
1,4-Dioxane
Concen: 33.662 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047276.D
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Tgt Ion: 88 Resp: 238922
Ion Ratio Lower Upper
88 100
58 70.5 58.2 87.4
43 27.6 22.5 33.7

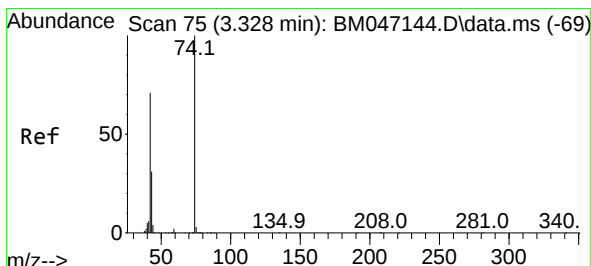
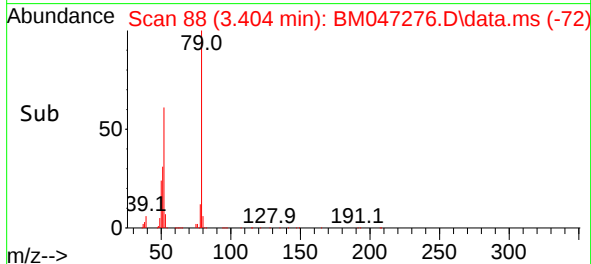
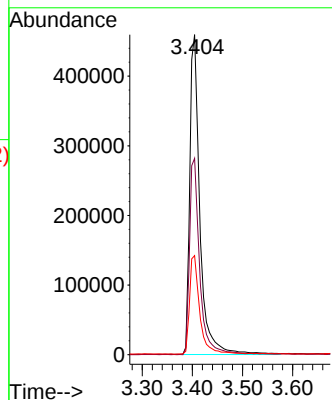
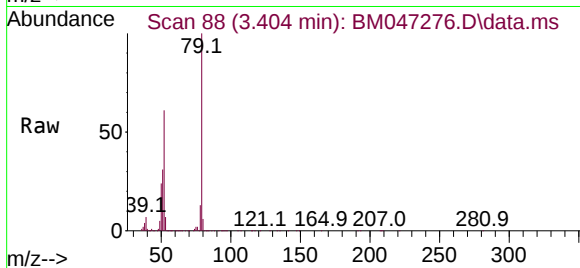




#3
Pyridine
Concen: 31.040 ng
RT: 3.404 min Scan# 89
Delta R.T. -0.006 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

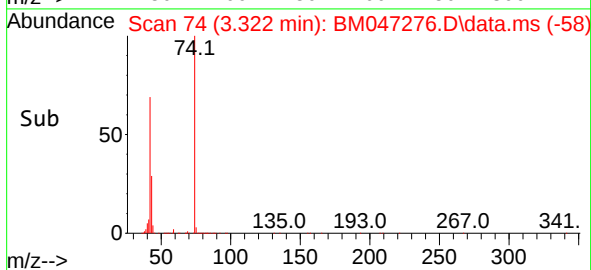
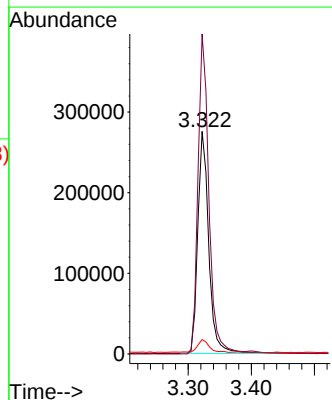
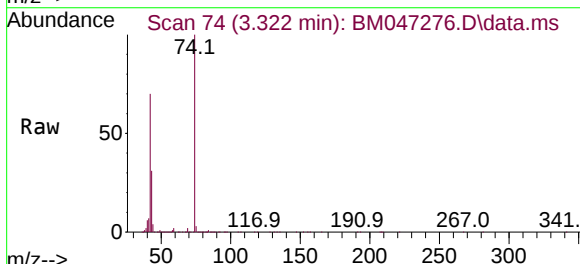
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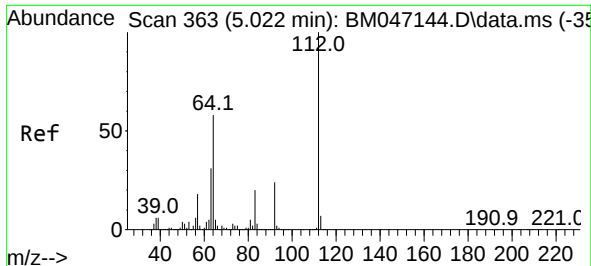
Tgt Ion: 79 Resp: 646043
Ion Ratio Lower Upper
79 100
52 61.3 51.2 76.8
51 31.0 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 36.607 ng
RT: 3.322 min Scan# 74
Delta R.T. -0.006 min
Lab File: BM047276.D
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Tgt Ion: 42 Resp: 332878
Ion Ratio Lower Upper
42 100
74 143.8 112.9 169.3
44 6.4 5.3 7.9

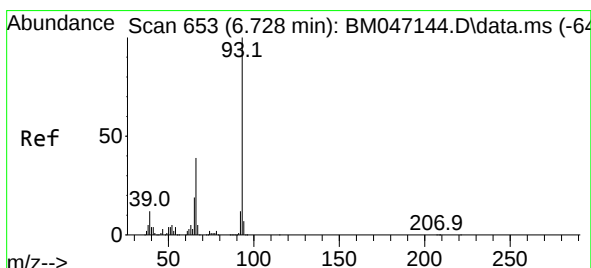
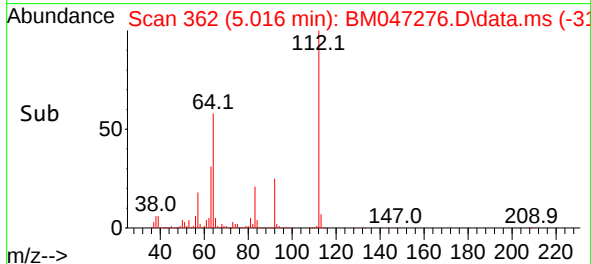
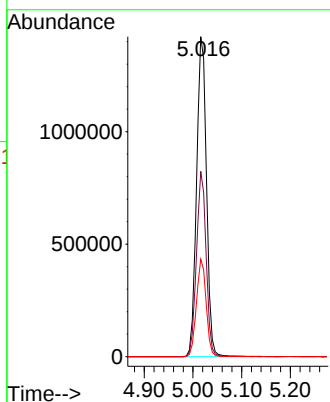
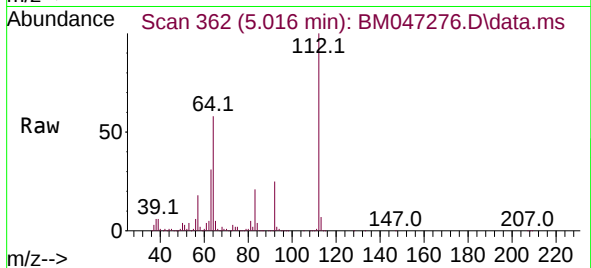




#5
2-Fluorophenol
Concen: 118.070 ng
RT: 5.016 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047276.D
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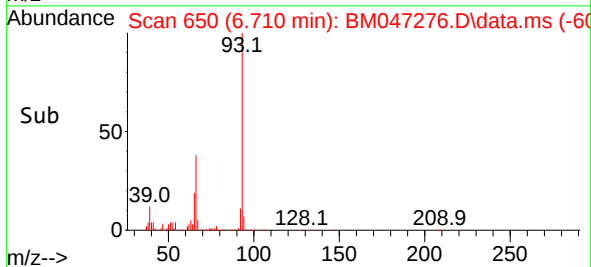
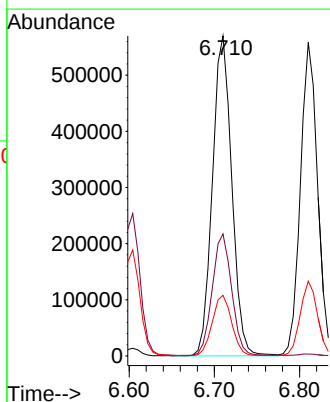
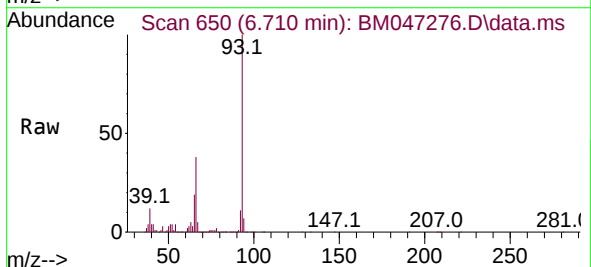
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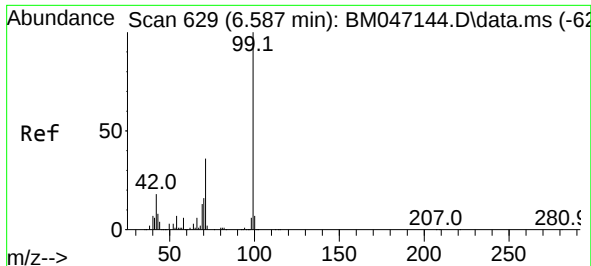
Tgt Ion:112 Resp: 2022588
Ion Ratio Lower Upper
112 100
64 57.9 46.7 70.1
63 30.5 24.8 37.2



#6
Aniline
Concen: 40.311 ng
RT: 6.710 min Scan# 650
Delta R.T. -0.018 min
Lab File: BM047276.D
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Tgt Ion: 93 Resp: 899353
Ion Ratio Lower Upper
93 100
66 38.2 31.4 47.2
65 18.9 15.6 23.4

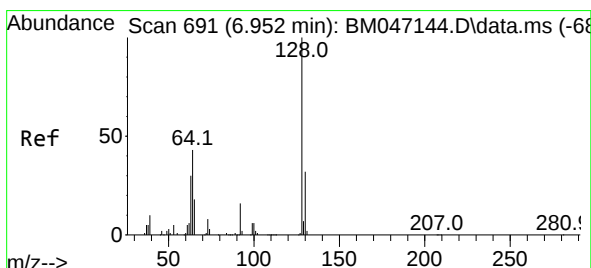
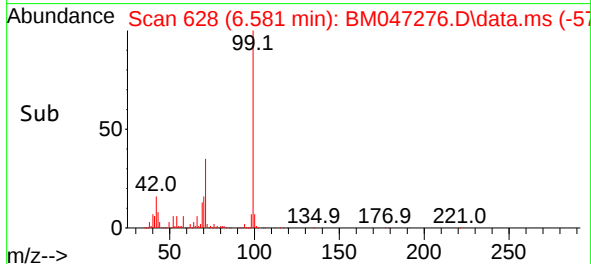
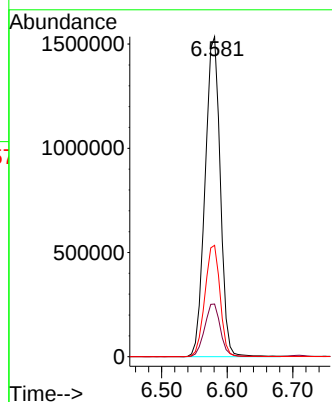
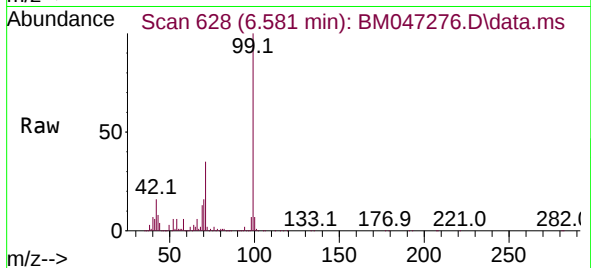




#7
Phenol-d6
Concen: 105.029 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
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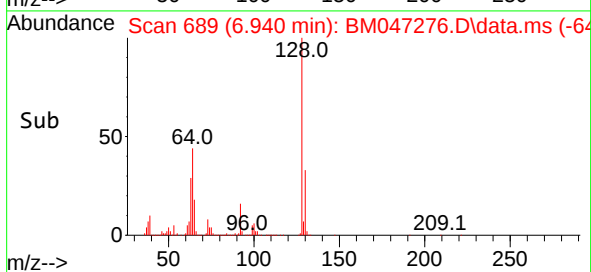
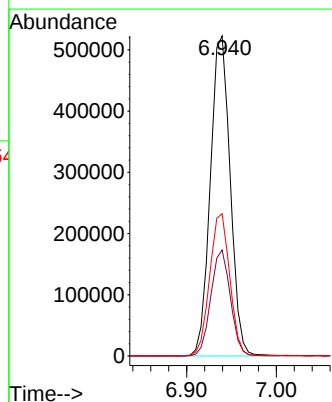
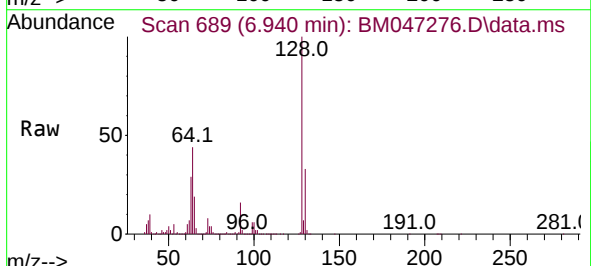
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Tgt Ion: 99 Resp: 2479108
Ion Ratio Lower Upper
99 100
42 16.4 14.1 21.1
71 34.8 28.5 42.7



#8
2-Chlorophenol
Concen: 43.053 ng
RT: 6.940 min Scan# 689
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion: 128 Resp: 804383
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 44.5 26.6 66.6

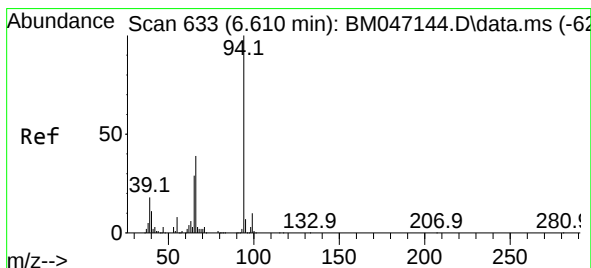
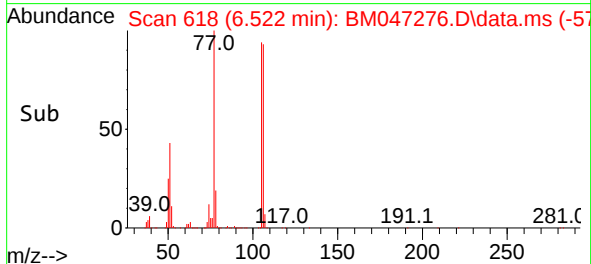
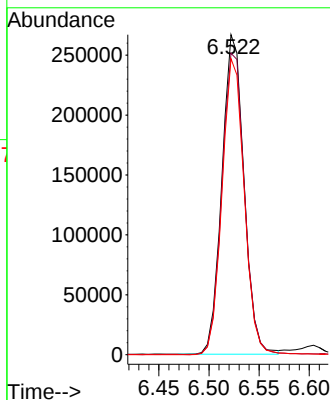
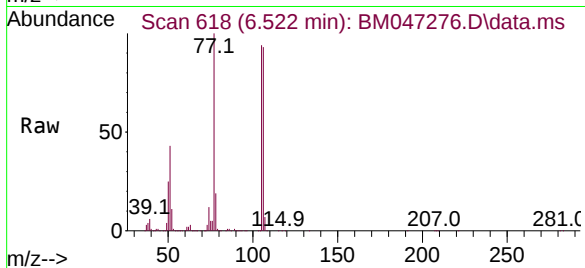




#9
Benzaldehyde
Concen: 29.710 ng
RT: 6.522 min Scan# 61
Delta R.T. -0.018 min
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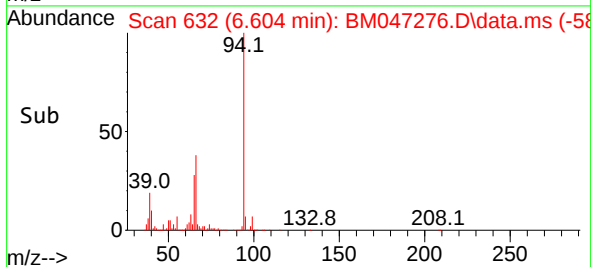
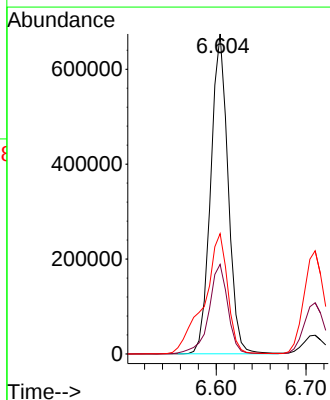
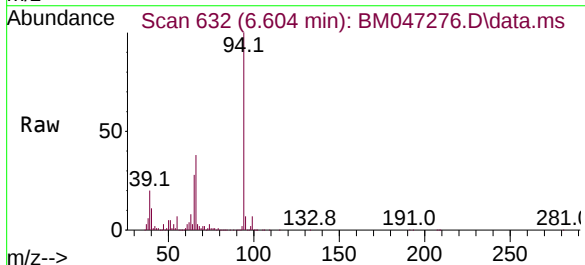
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Tgt Ion: 77 Resp: 407136
Ion Ratio Lower Upper
77 100
105 94.2 74.5 114.5
106 92.5 72.3 112.3



#10
Phenol
Concen: 38.438 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion: 94 Resp: 905332
Ion Ratio Lower Upper
94 100
65 28.0 9.0 49.0
66 37.6 18.9 58.9

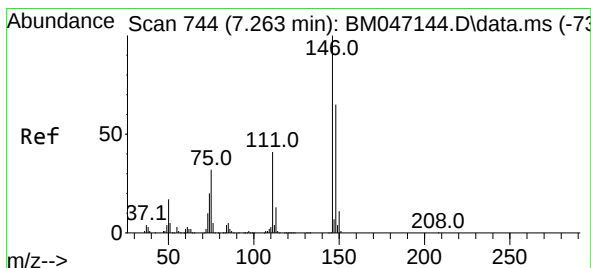
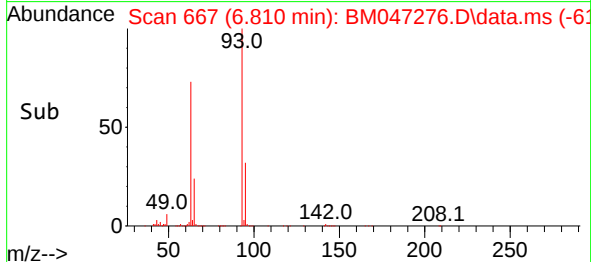
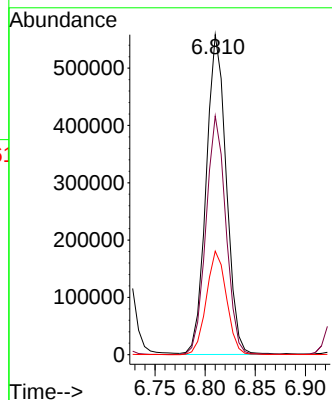
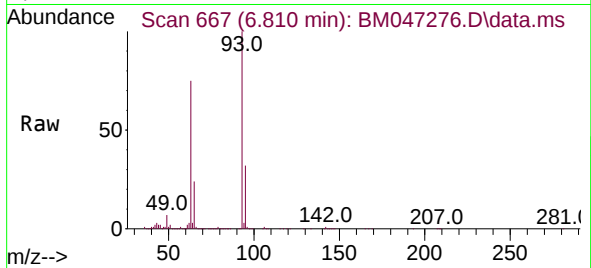




#11
bis(2-Chloroethyl)ether
Concen: 38.702 ng
RT: 6.810 min Scan# 60
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

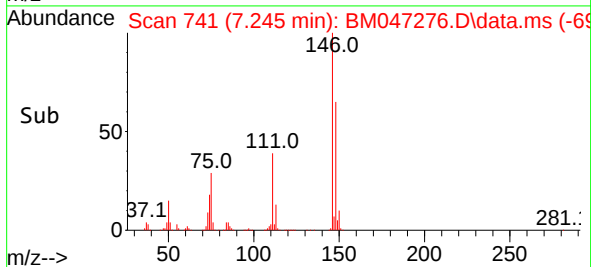
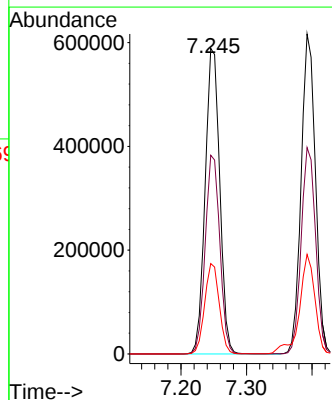
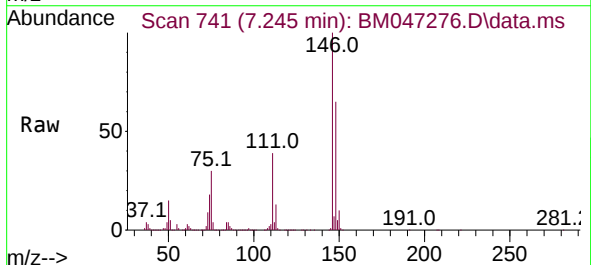
Instrument :
BNA_M
ClientSampleId :
PB162861BS

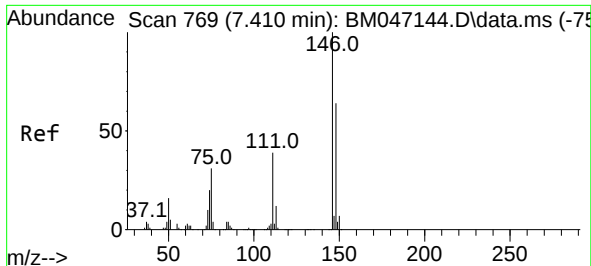
Tgt Ion: 93 Resp: 780613
Ion Ratio Lower Upper
93 100
63 74.6 55.8 95.8
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.175 ng
RT: 7.245 min Scan# 741
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion: 146 Resp: 914174
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
75 29.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 41.298 ng

RT: 7.392 min Scan# 7

Delta R.T. -0.018 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

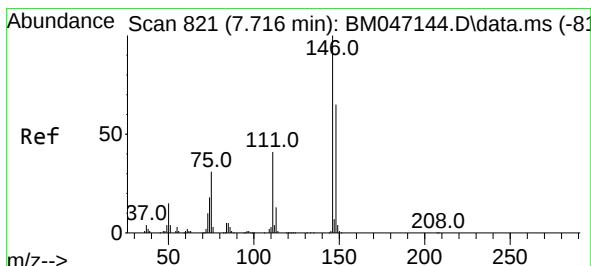
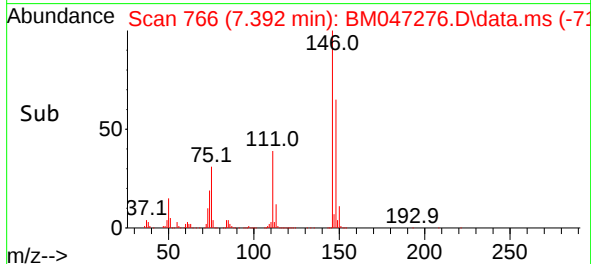
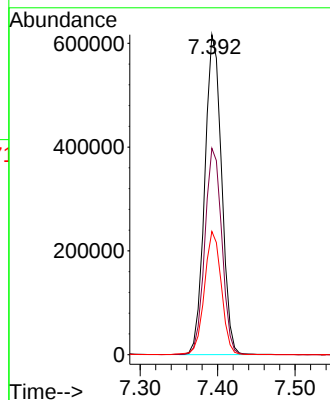
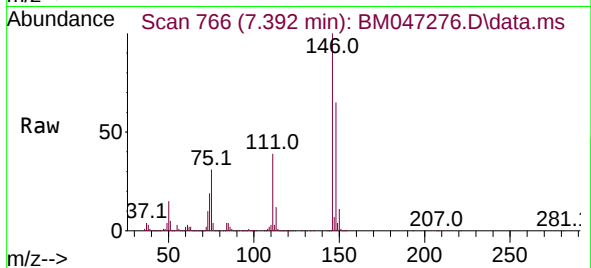
Tgt Ion:146 Resp: 928351

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

111 38.5 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 42.117 ng

RT: 7.698 min Scan# 818

Delta R.T. -0.018 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

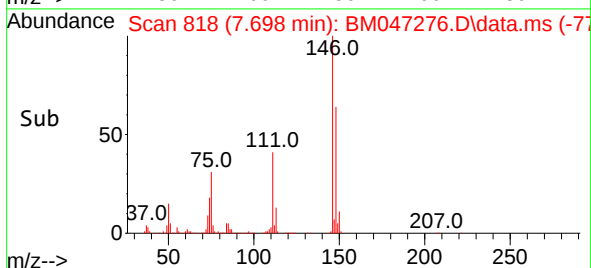
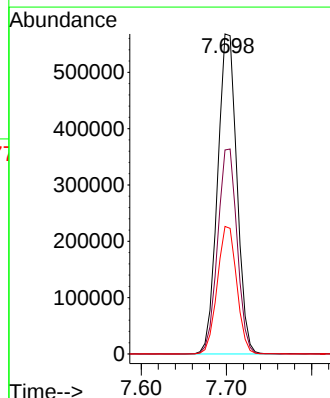
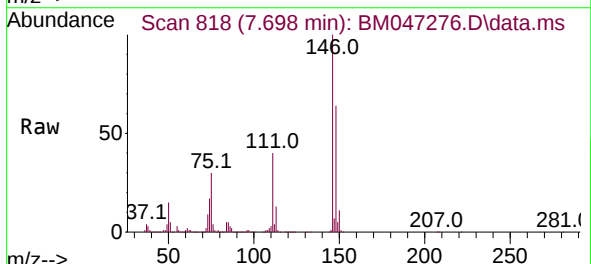
Tgt Ion:146 Resp: 893292

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

111 39.9 33.3 49.9

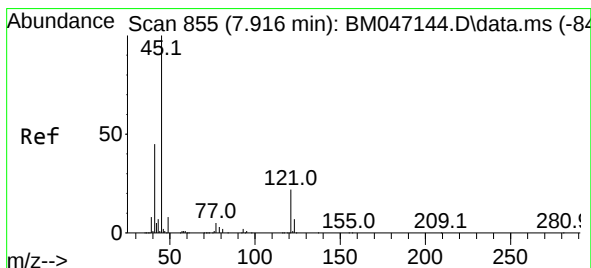
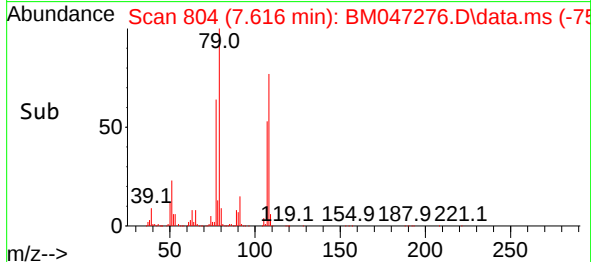
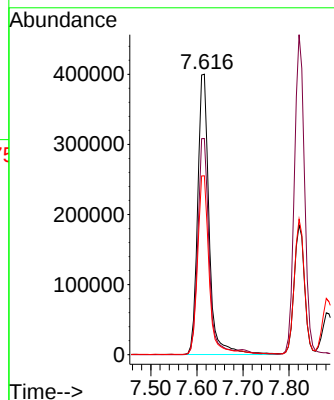
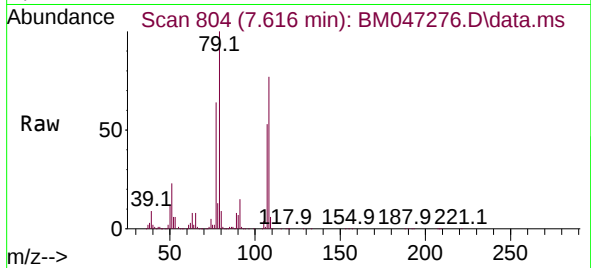




#15
Benzyl Alcohol
Concen: 41.152 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

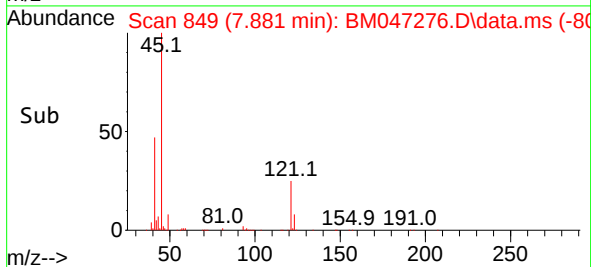
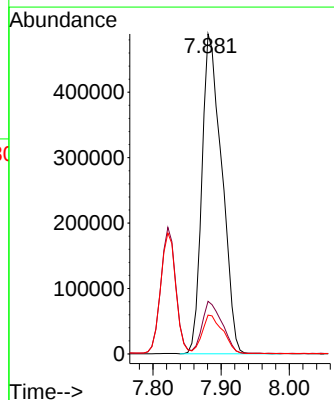
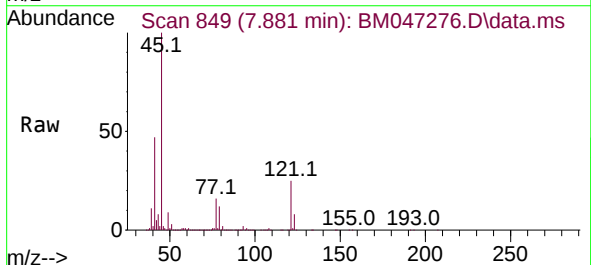
Instrument :
BNA_M
ClientSampleId :
PB162861BS

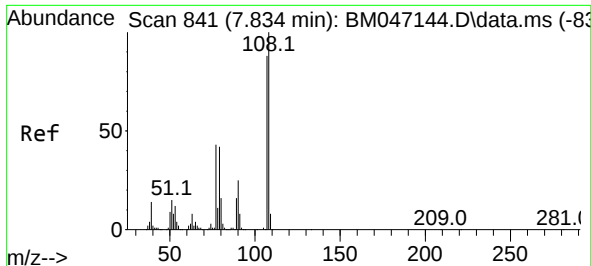
Tgt Ion: 79 Resp: 691309
Ion Ratio Lower Upper
79 100
108 77.0 59.7 89.5
77 63.8 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.319 ng
RT: 7.881 min Scan# 849
Delta R.T. -0.036 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion: 45 Resp: 991782
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 12.2 0.0 32.4

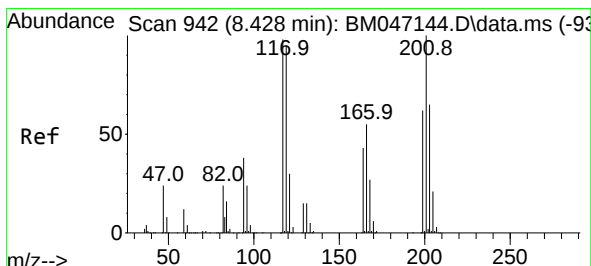
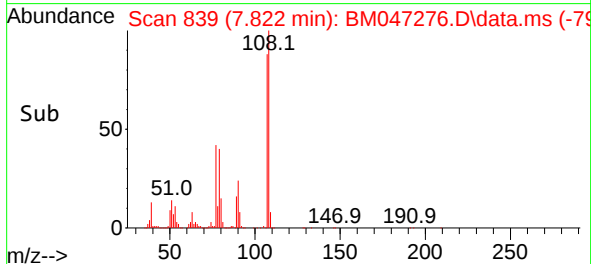
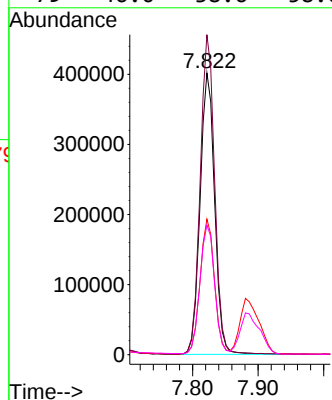
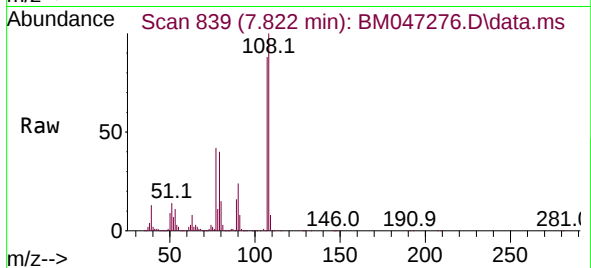




#17
2-Methylphenol
Concen: 39.567 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

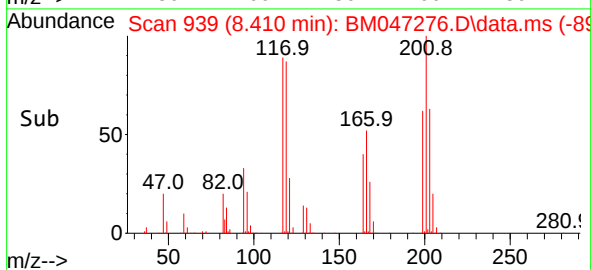
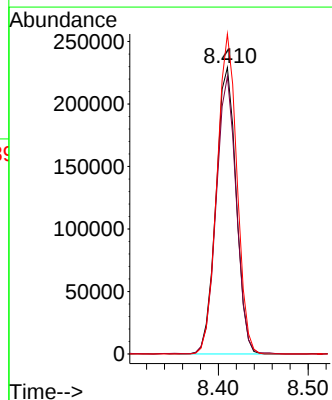
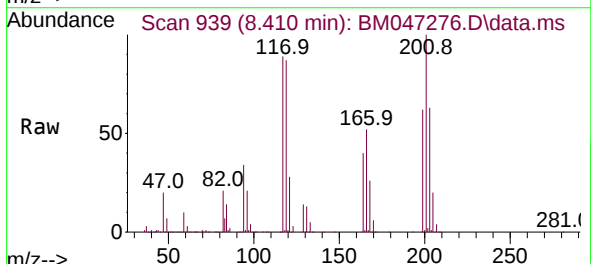
Instrument :
BNA_M
ClientSampleId :
PB162861BS

Tgt Ion:	107	Resp:	621721
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.6	135.8
77	48.1	39.3	58.9
79	46.0	38.6	58.0



#18
Hexachloroethane
Concen: 41.102 ng
RT: 8.410 min Scan# 939
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:	117	Resp:	357895
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.0	115.4
201	111.8	81.3	121.9



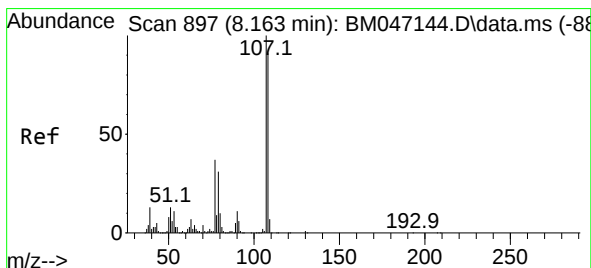
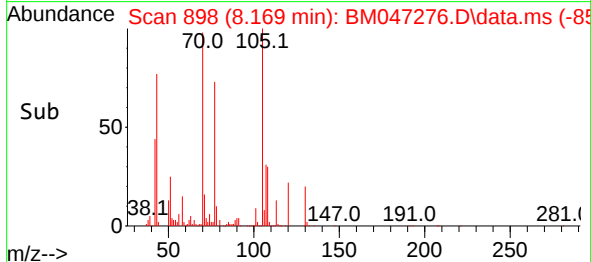
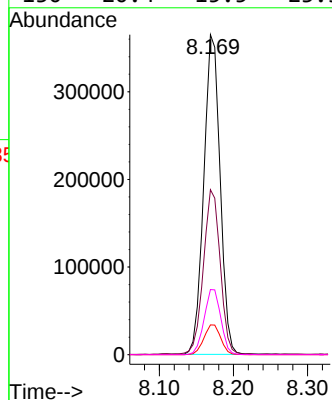
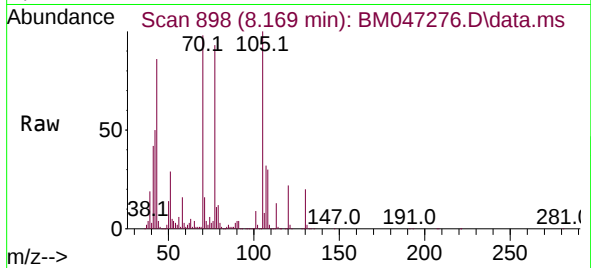


#19
n-Nitroso-di-n-propylamine
Concen: 35.157 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Instrument :
BNA_M
ClientSampleId :
PB162861BS

Tgt Ion: 70 Resp: 558980

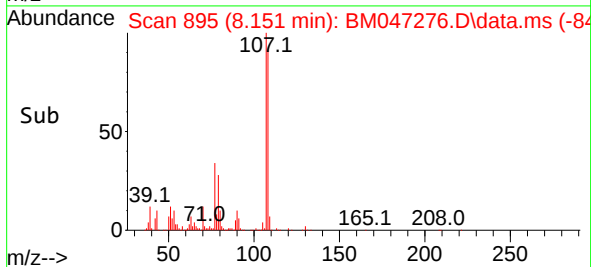
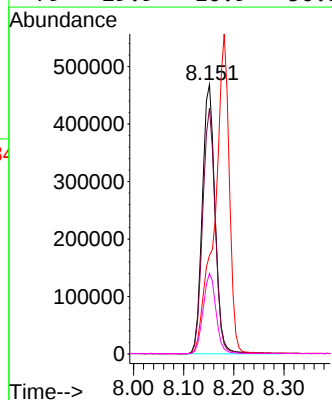
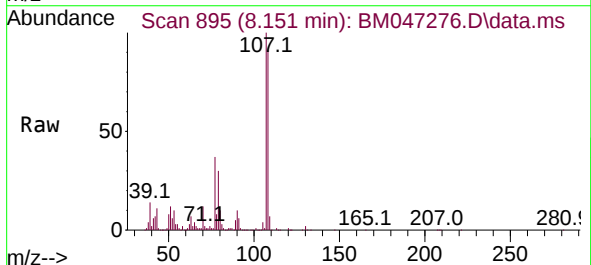
Ion	Ratio	Lower	Upper
70	100		
42	51.6	42.0	63.0
101	9.3	7.2	10.8
130	20.4	15.5	23.3



#20
3+4-Methylphenols
Concen: 37.790 ng
RT: 8.151 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion: 107 Resp: 830135

Ion	Ratio	Lower	Upper
107	100		
108	91.3	70.7	110.7
77	36.6	17.4	57.4
79	29.9	10.9	50.9

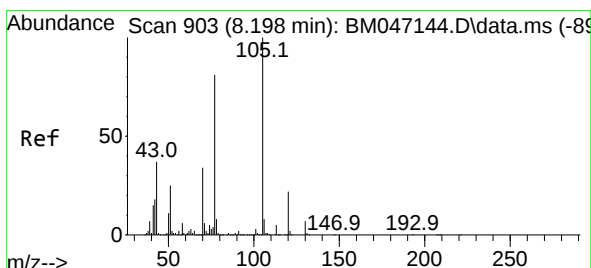
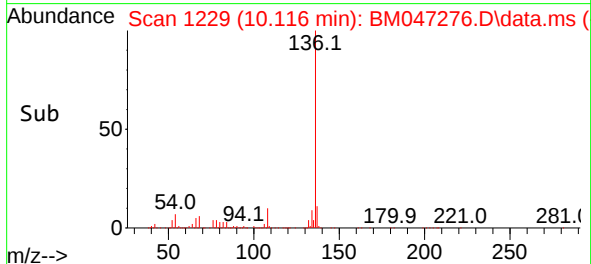
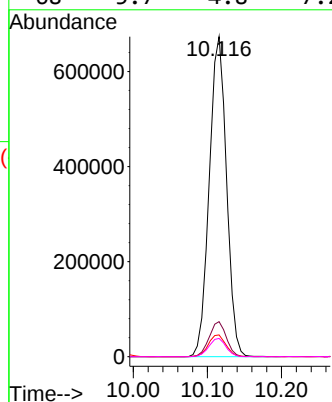
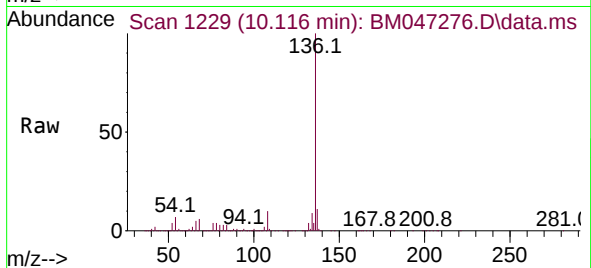




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

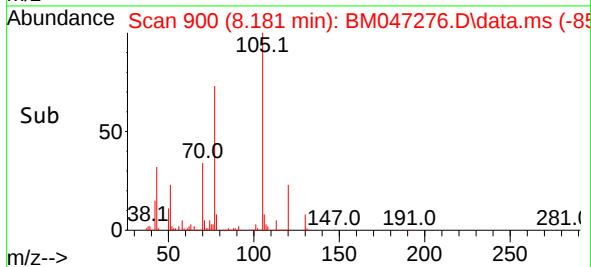
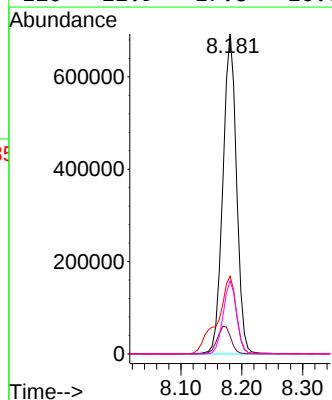
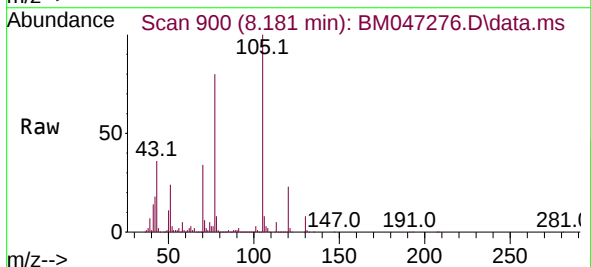
Instrument :
BNA_M
ClientSampleId :
PB162861BS

Tgt Ion:136 Resp: 1089203
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 6.0 9.0
68 5.7 4.8 7.2



#22
Acetophenone
Concen: 41.033 ng
RT: 8.181 min Scan# 900
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:105 Resp: 1078820
Ion Ratio Lower Upper
105 100
71 5.6 4.5 6.7
51 24.3 20.1 30.1
120 22.9 17.8 26.6

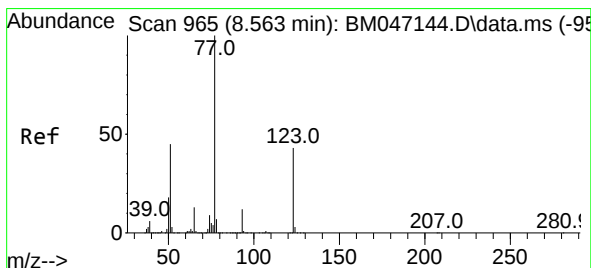
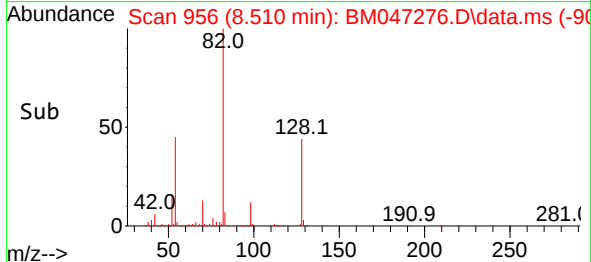
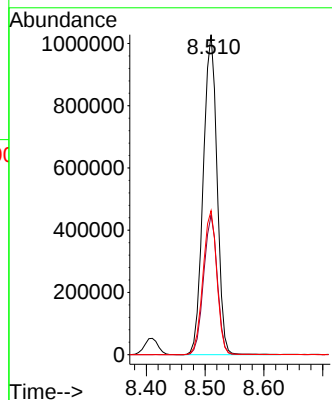
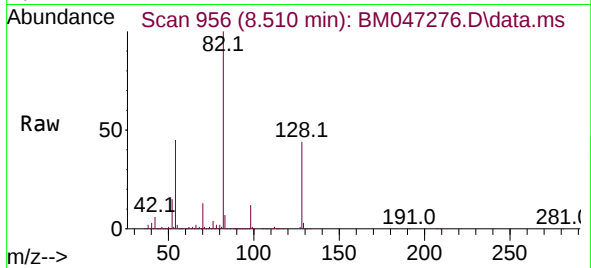




#23
Nitrobenzene-d5
Concen: 77.851 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

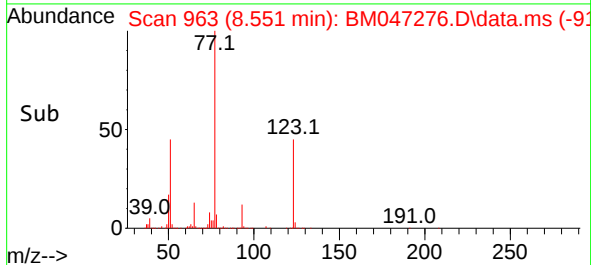
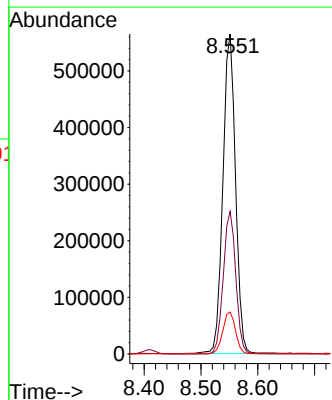
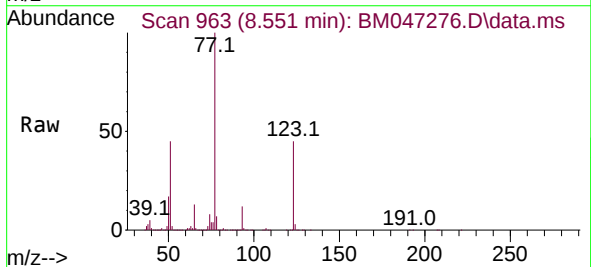
Instrument :
BNA_M
ClientSampleId :
PB162861BS

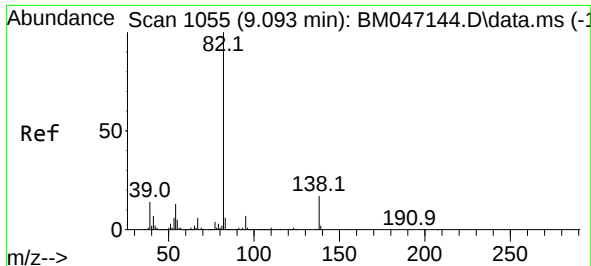
Tgt Ion: 82 Resp: 1684005
Ion Ratio Lower Upper
82 100
128 43.6 32.3 48.5
54 45.0 37.4 56.2



#24
Nitrobenzene
Concen: 40.182 ng
RT: 8.551 min Scan# 963
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion: 77 Resp: 875215
Ion Ratio Lower Upper
77 100
123 44.5 34.0 51.0
65 13.1 10.5 15.7





#25

Isophorone

Concen: 41.033 ng

RT: 9.075 min Scan# 1052

Delta R.T. -0.018 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

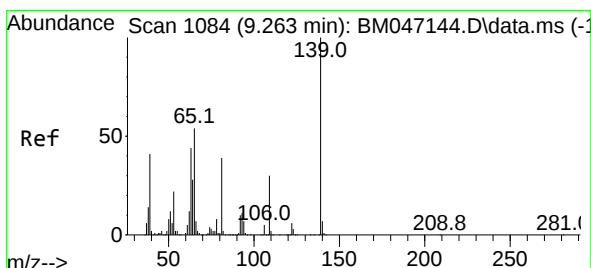
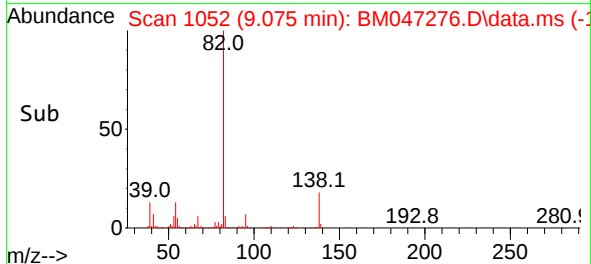
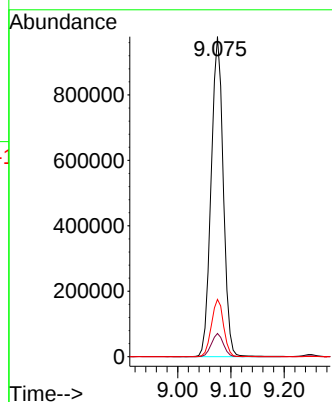
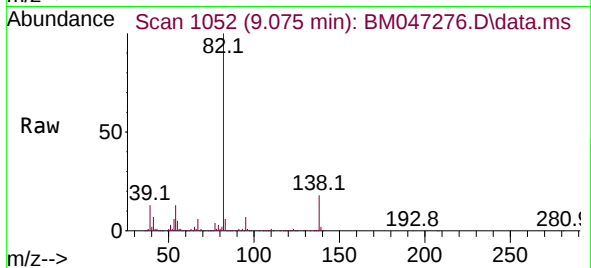
Tgt Ion: 82 Resp: 1545427

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 17.9 13.5 20.3



#26

2-Nitrophenol

Concen: 46.701 ng

RT: 9.251 min Scan# 1082

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

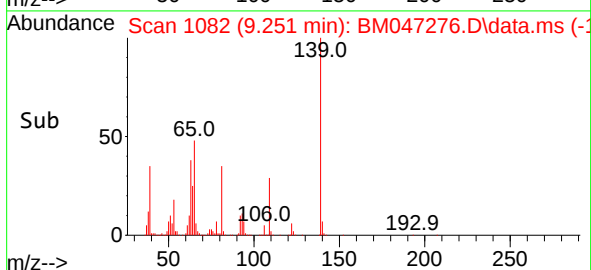
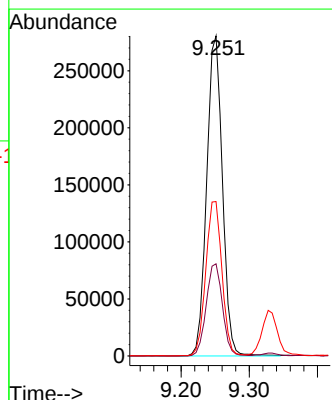
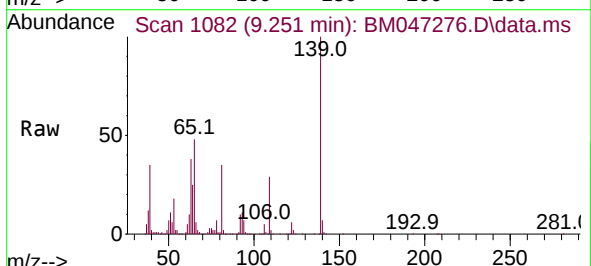
Tgt Ion:139 Resp: 450488

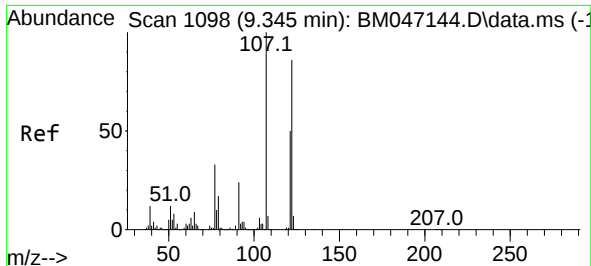
Ion Ratio Lower Upper

139 100

109 28.8 24.4 36.6

65 48.2 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 53.326 ng

RT: 9.328 min Scan# 1095

Delta R.T. -0.018 min

Lab File: BM047276.D

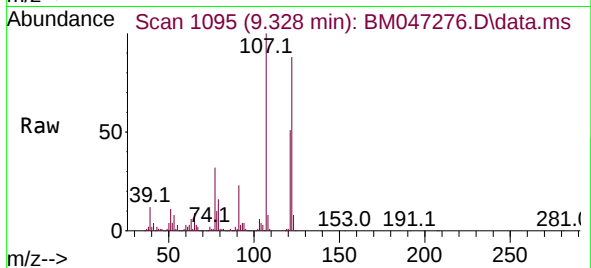
Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS



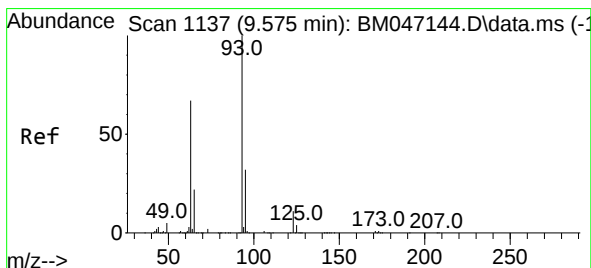
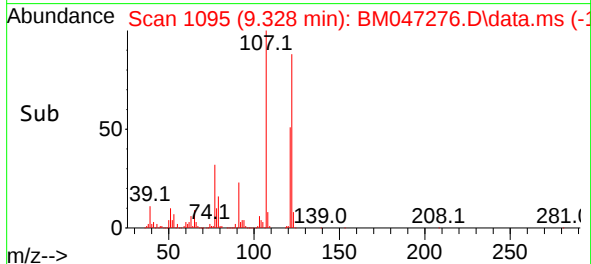
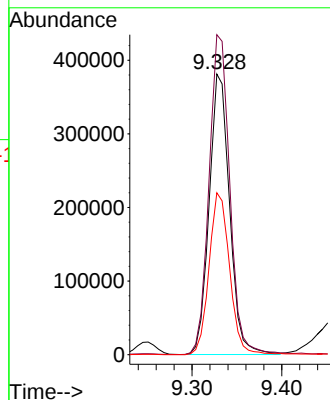
Tgt Ion:122 Resp: 602555

Ion Ratio Lower Upper

122 100

107 114.0 92.8 139.2

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.404 ng

RT: 9.557 min Scan# 1134

Delta R.T. -0.018 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

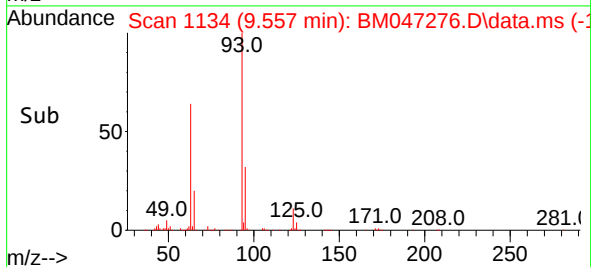
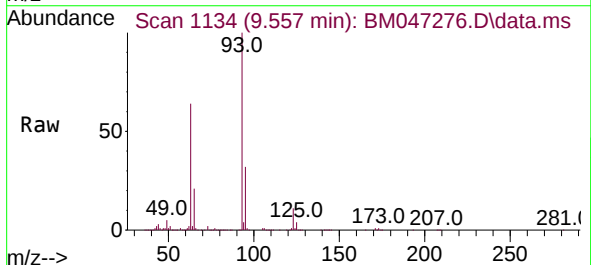
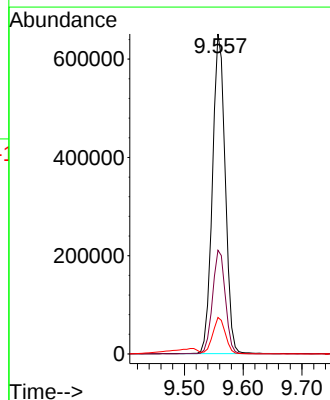
Tgt Ion: 93 Resp: 981225

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 11.4 9.0 13.4



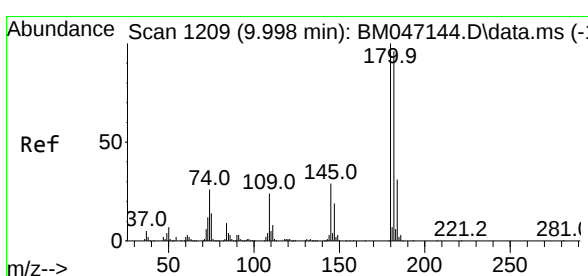
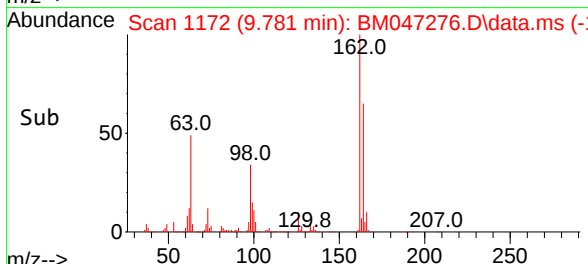
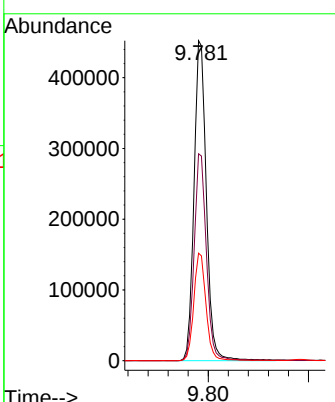
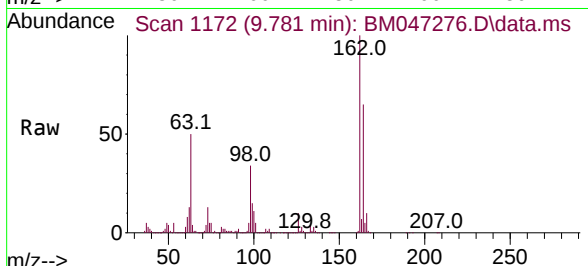


#29
 2,4-Dichlorophenol
 Concen: 46.023 ng
 RT: 9.781 min Scan# 1175
 Delta R.T. -0.018 min
 Lab File: BM047276.D
 Acq: 20 Aug 2024 18:56

Instrument :
 BNA_M
 ClientSampleId :
 PB162861BS

Tgt Ion:162 Resp: 771612

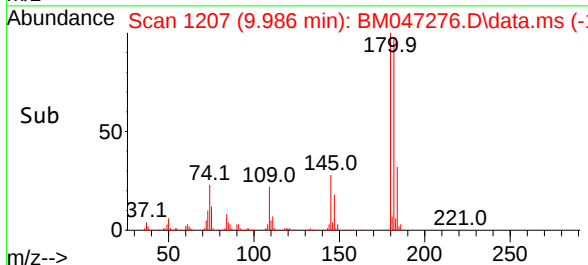
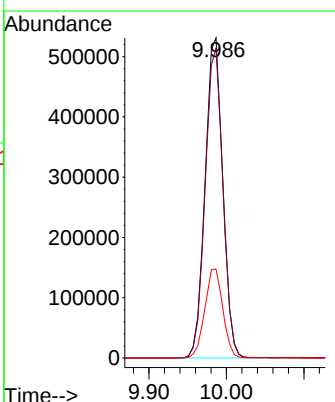
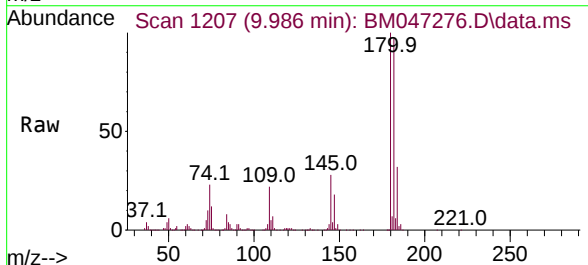
Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.7	84.7
98	33.6	14.9	54.9

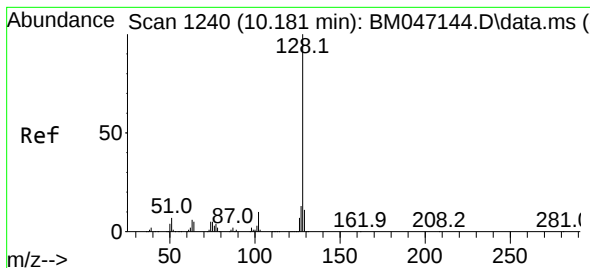


#30
 1,2,4-Trichlorobenzene
 Concen: 44.460 ng
 RT: 9.986 min Scan# 1207
 Delta R.T. -0.012 min
 Lab File: BM047276.D
 Acq: 20 Aug 2024 18:56

Tgt Ion:180 Resp: 843569

Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.6	115.0
145	27.8	23.4	35.2

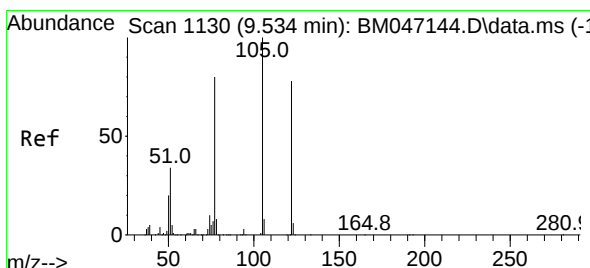
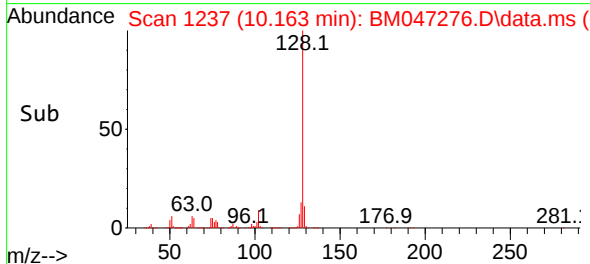
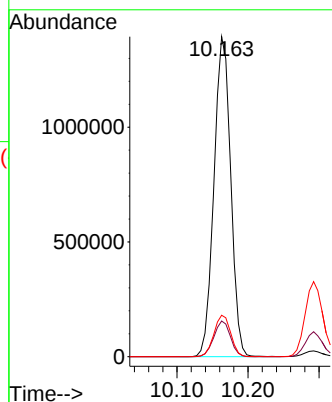
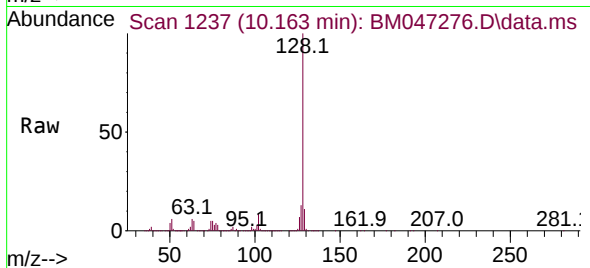




#31
Naphthalene
Concen: 41.977 ng
RT: 10.163 min Scan# 1127
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

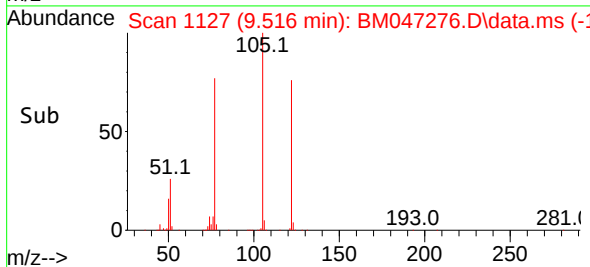
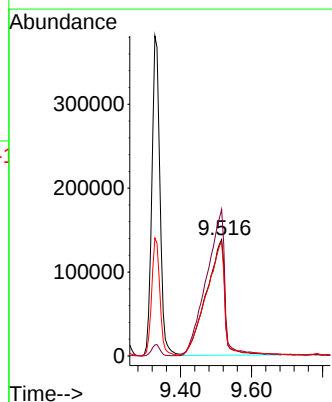
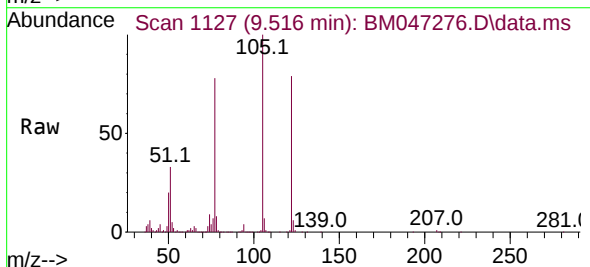
Instrument :
BNA_M
ClientSampleId :
PB162861BS

Tgt Ion:128 Resp: 2277705
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 38.186 ng
RT: 9.516 min Scan# 1127
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:122 Resp: 501305
Ion Ratio Lower Upper
122 100
105 125.9 107.1 147.1
77 98.1 82.1 122.1

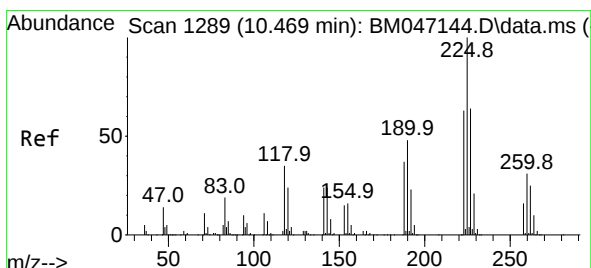
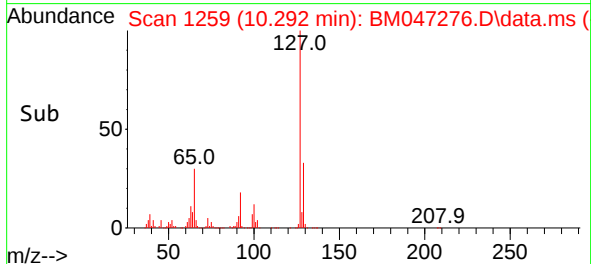
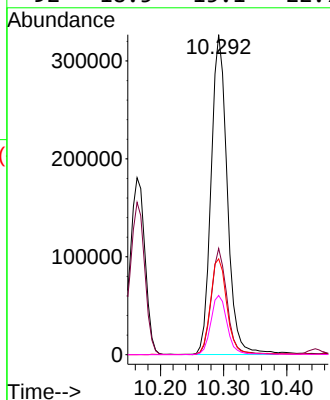
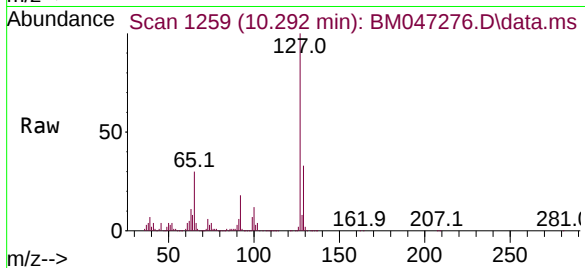




#33
4-Chloroaniline
Concen: 27.815 ng
RT: 10.292 min Scan# 1259
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

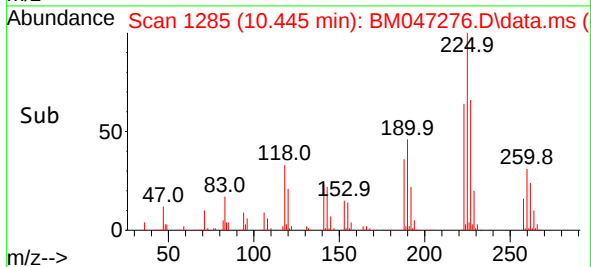
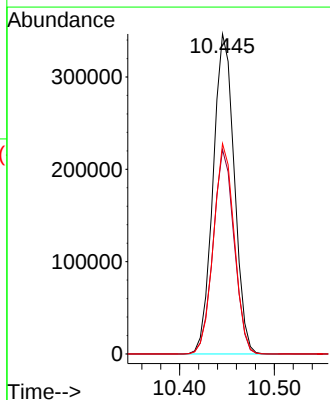
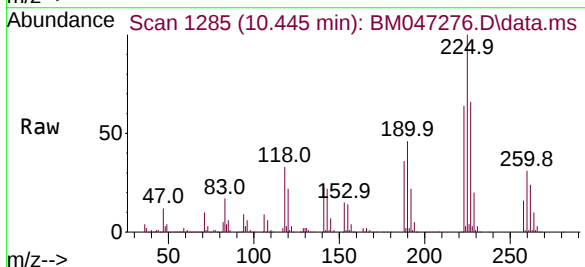
Instrument :
BNA_M
ClientSampleId :
PB162861BS

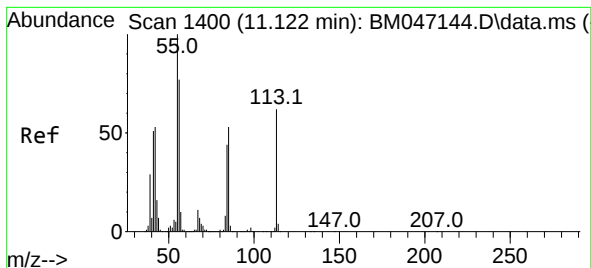
Tgt Ion:	127	Resp:	580396
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	29.9	24.9	37.3
92	18.5	15.1	22.7



#34
Hexachlorobutadiene
Concen: 48.479 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.024 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:	225	Resp:	538381
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.2
227	65.7	51.4	77.0





#35

Caprolactam

Concen: 36.523 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.024 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

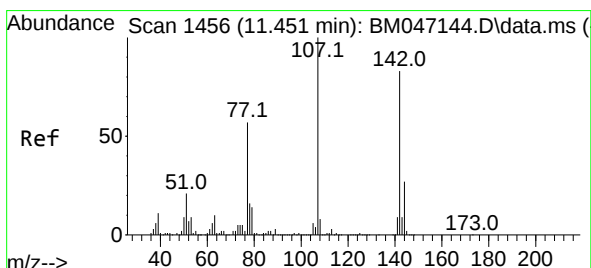
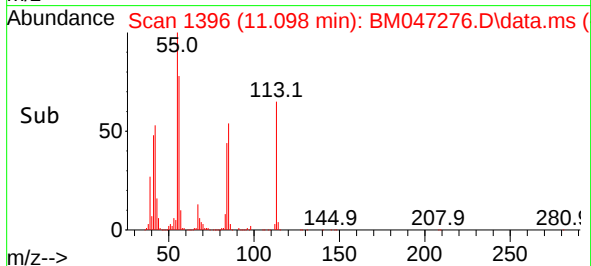
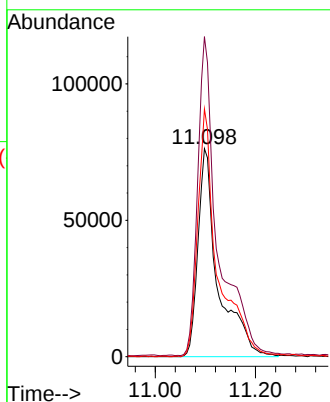
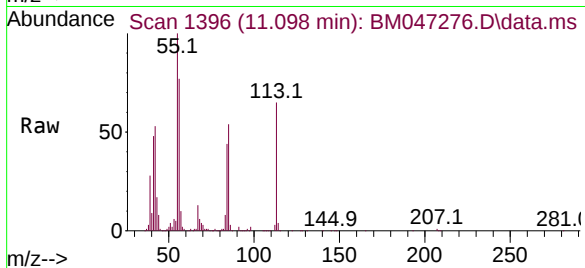
Tgt Ion:113 Resp: 212654

Ion Ratio Lower Upper

113 100

55 153.9 140.5 180.5

56 119.1 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 39.757 ng

RT: 11.445 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

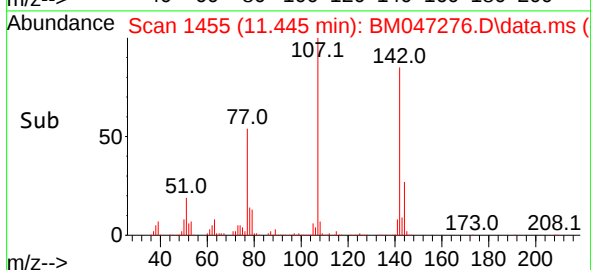
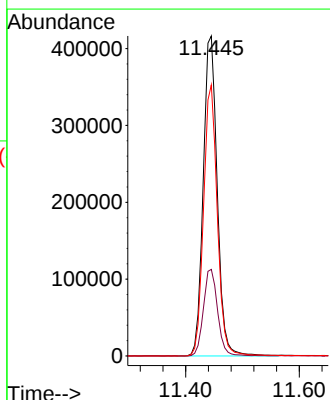
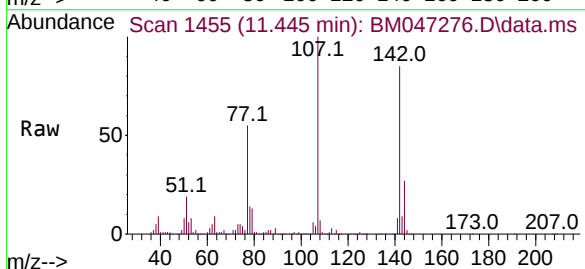
Tgt Ion:107 Resp: 709876

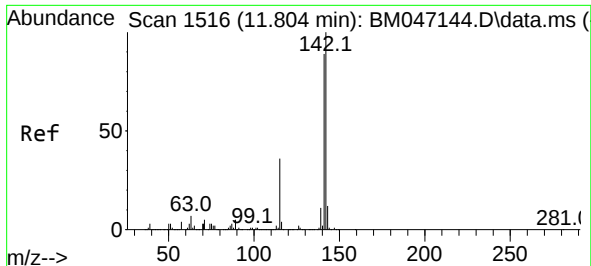
Ion Ratio Lower Upper

107 100

144 27.0 21.8 32.6

142 84.7 66.8 100.2

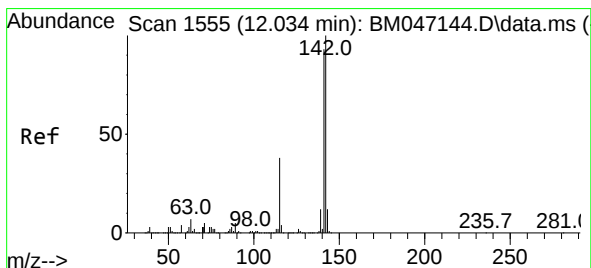
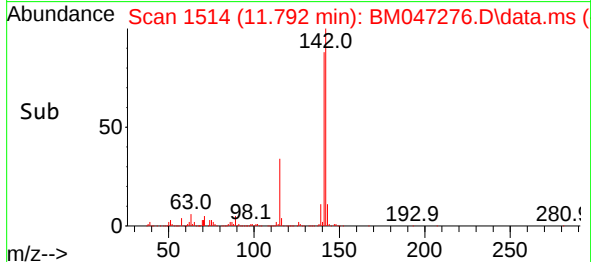
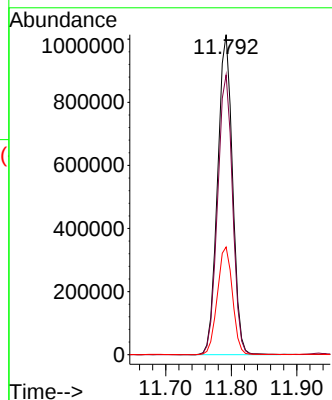
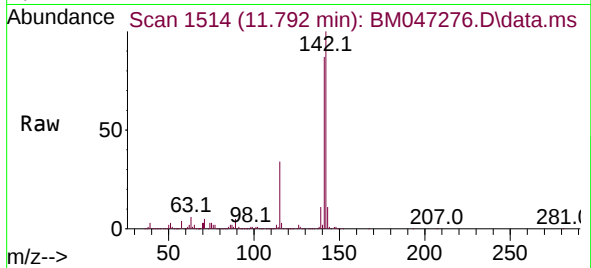




#37
2-Methylnaphthalene
Concen: 41.311 ng
RT: 11.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

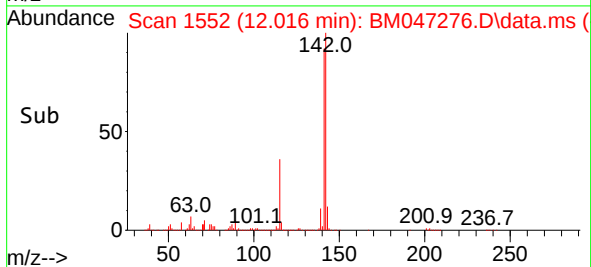
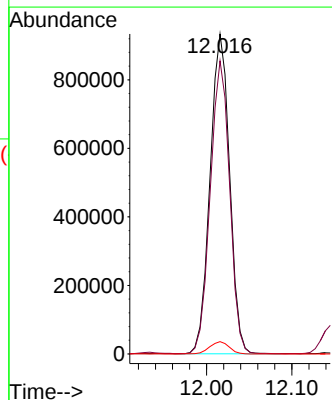
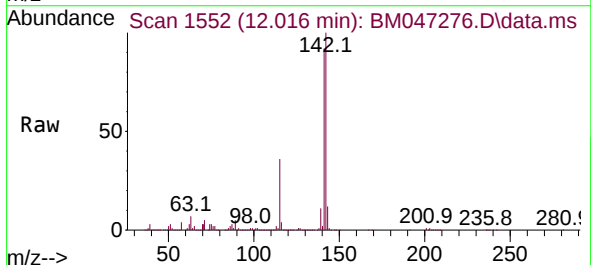
Instrument :
BNA_M
ClientSampleId :
PB162861BS

Tgt Ion:142 Resp: 1596000
Ion Ratio Lower Upper
142 100
141 87.4 70.9 106.3
115 33.7 28.7 43.1



#38
1-Methylnaphthalene
Concen: 38.844 ng
RT: 12.016 min Scan# 1552
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:142 Resp: 1483114
Ion Ratio Lower Upper
142 100
141 91.6 74.6 111.8
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.021 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

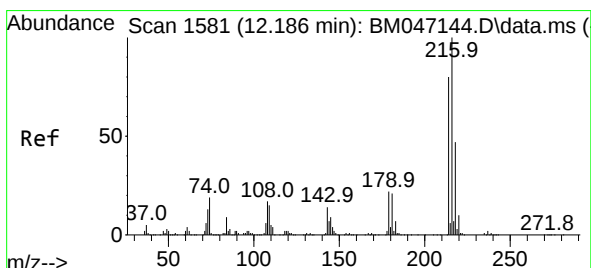
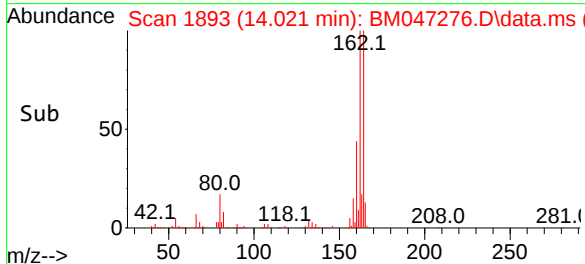
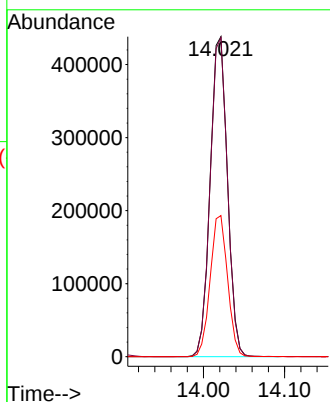
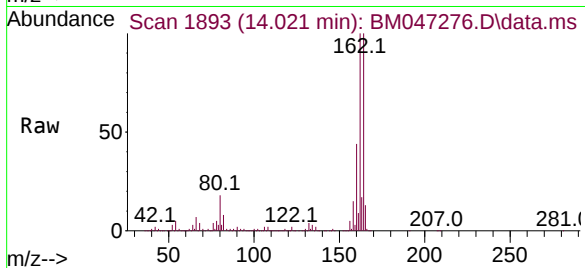
Tgt Ion:164 Resp: 646868

Ion Ratio Lower Upper

164 100

162 99.7 80.7 121.1

160 44.1 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.589 ng

RT: 12.174 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Tgt Ion:216 Resp: 874922

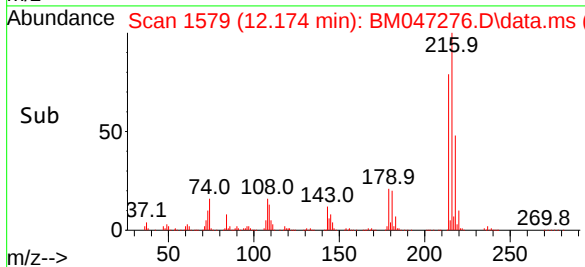
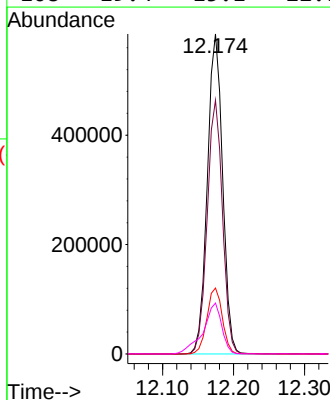
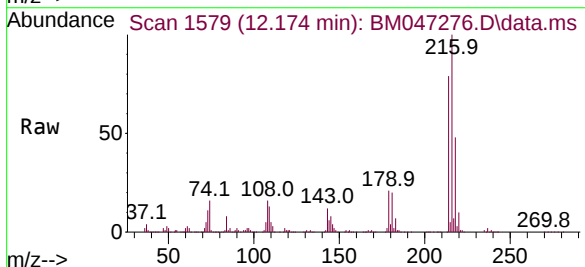
Ion Ratio Lower Upper

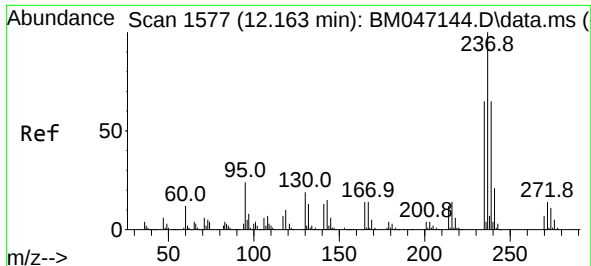
216 100

214 79.4 63.4 95.2

179 20.9 17.6 26.4

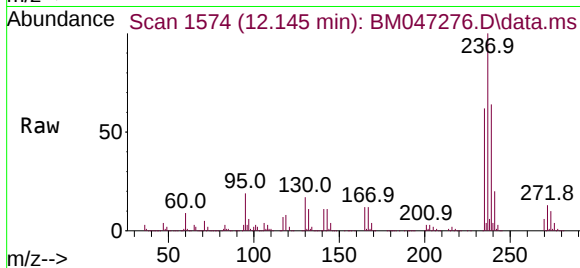
108 19.4 15.1 22.7



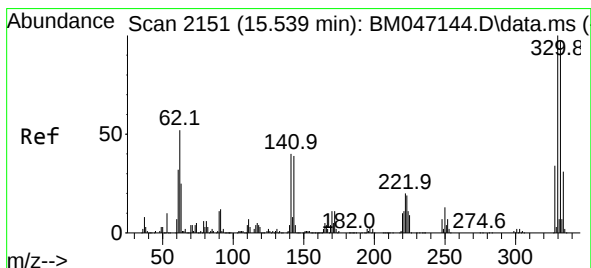
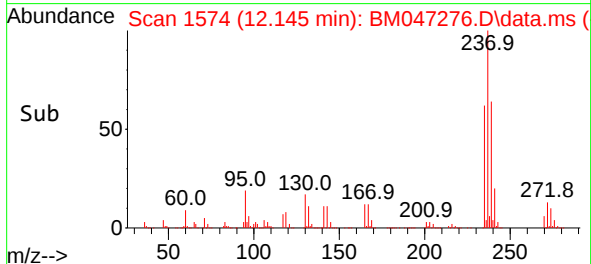
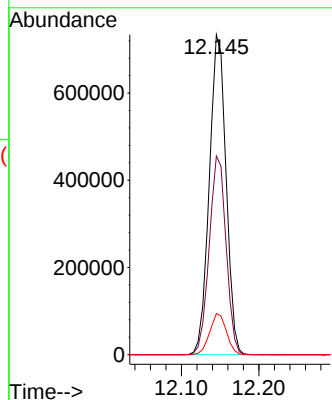


#41
Hexachlorocyclopentadiene
Concen: 178.786 ng
RT: 12.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Instrument :
BNA_M
ClientSampleId :
PB162861BS

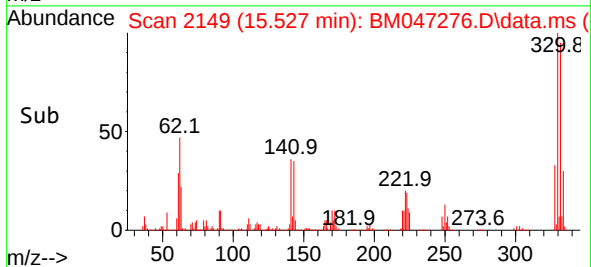
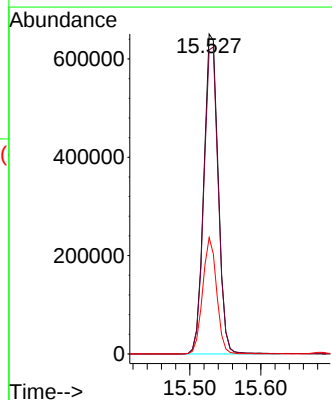
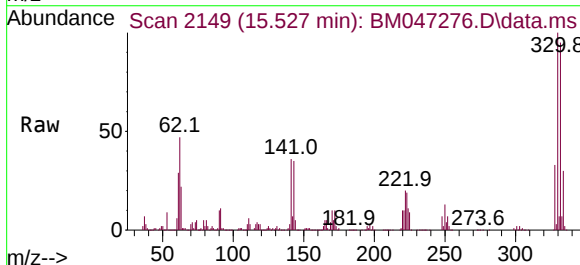


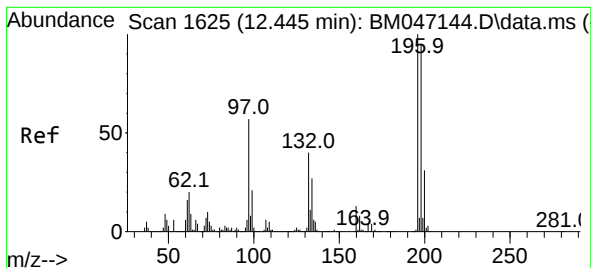
Tgt Ion:237 Resp: 1101488
Ion Ratio Lower Upper
237 100
235 62.1 44.8 84.8
272 12.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 122.085 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:330 Resp: 915700
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 35.5 31.6 47.4

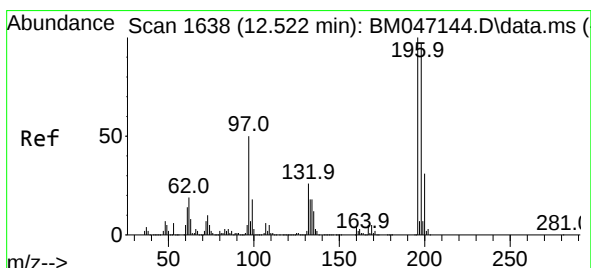
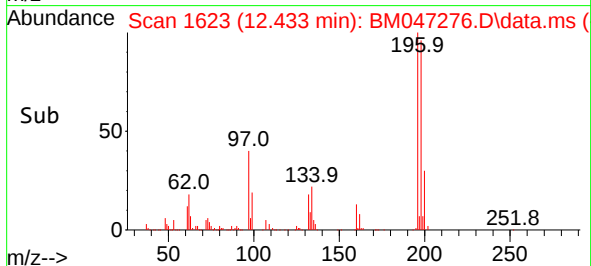
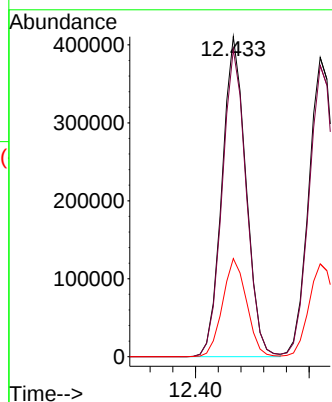
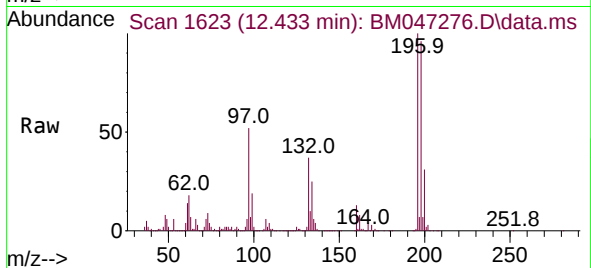




#43
2,4,6-Trichlorophenol
Concen: 47.974 ng
RT: 12.433 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

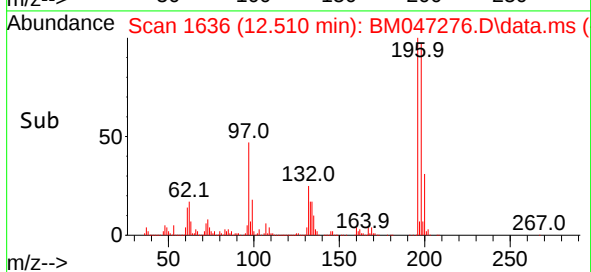
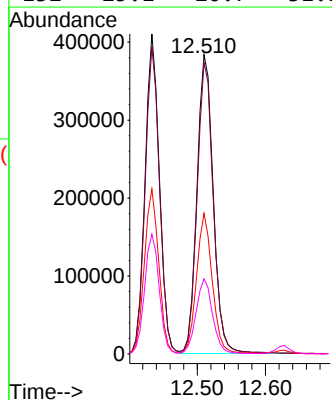
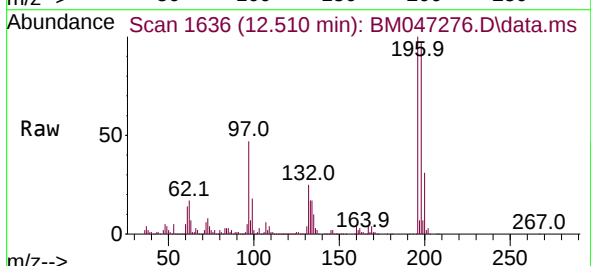
Instrument :
BNA_M
ClientSampleId :
PB162861BS

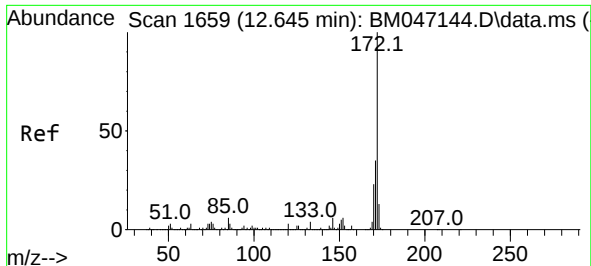
Tgt Ion:196 Resp: 601623
Ion Ratio Lower Upper
196 100
198 96.0 75.6 113.4
200 30.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 45.730 ng
RT: 12.510 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:196 Resp: 636732
Ion Ratio Lower Upper
196 100
198 97.3 77.7 116.5
97 47.0 39.8 59.8
132 25.1 20.7 31.1

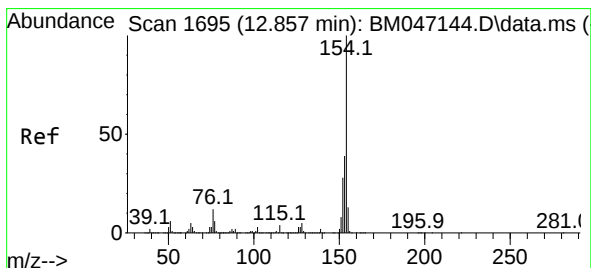
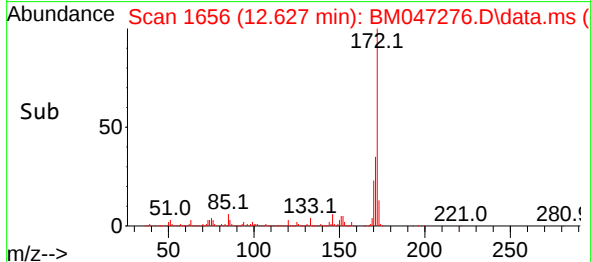
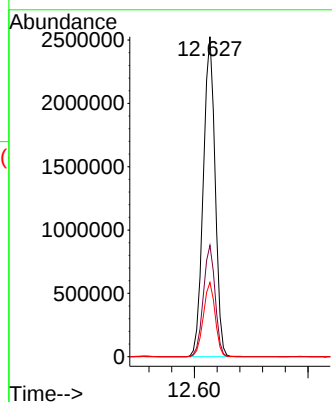
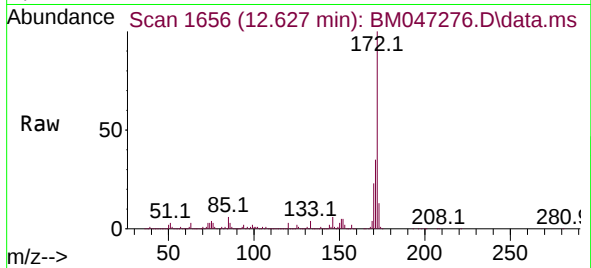




#45
2-Fluorobiphenyl
Concen: 87.058 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

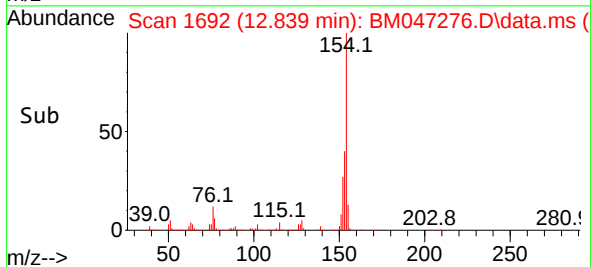
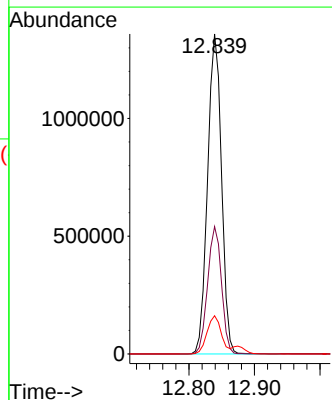
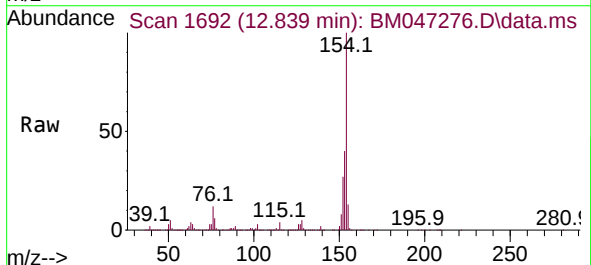
Instrument :
BNA_M
ClientSampleId :
PB162861BS

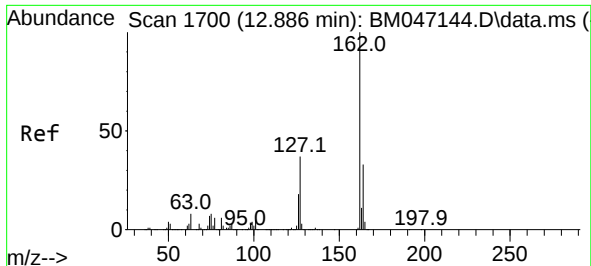
Tgt Ion:172 Resp: 3650845
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 43.562 ng
RT: 12.839 min Scan# 1692
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:154 Resp: 2006076
Ion Ratio Lower Upper
154 100
153 39.8 19.0 59.0
76 12.0 0.0 31.9

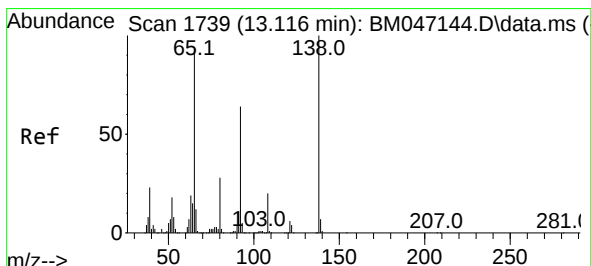
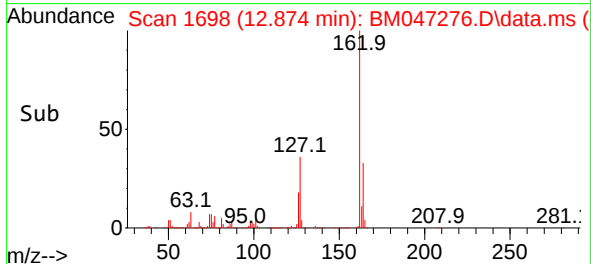
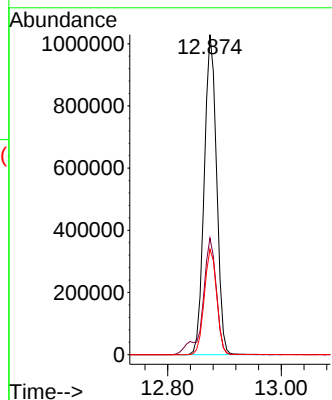
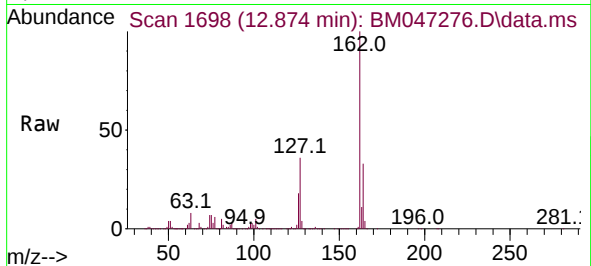




#47
2-Chloronaphthalene
Concen: 43.127 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

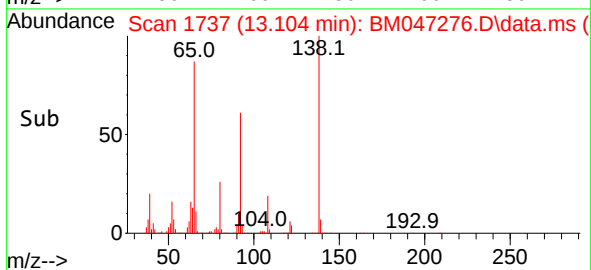
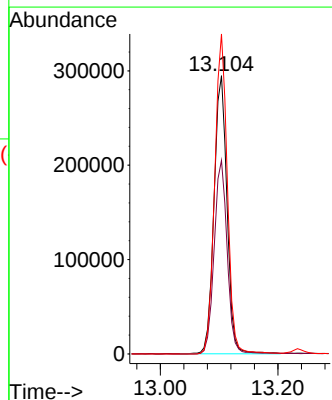
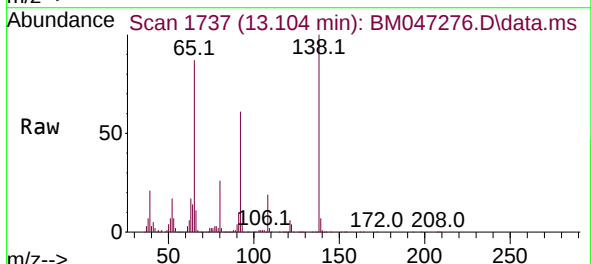
Instrument :
BNA_M
ClientSampleId :
PB162861BS

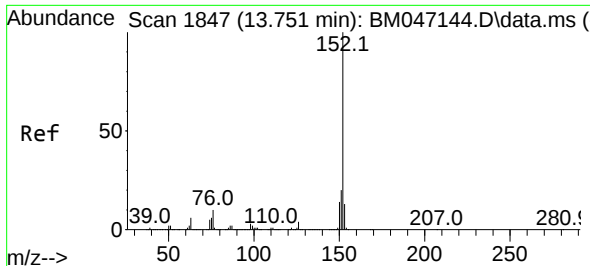
Tgt Ion:162 Resp: 1552299
Ion Ratio Lower Upper
162 100
127 36.4 30.0 45.0
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 40.137 ng
RT: 13.104 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion: 65 Resp: 452601
Ion Ratio Lower Upper
65 100
92 69.6 55.1 82.7
138 115.0 85.9 128.9

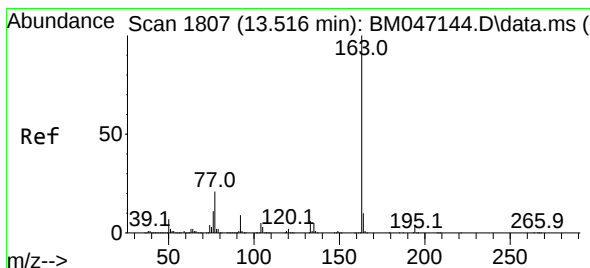
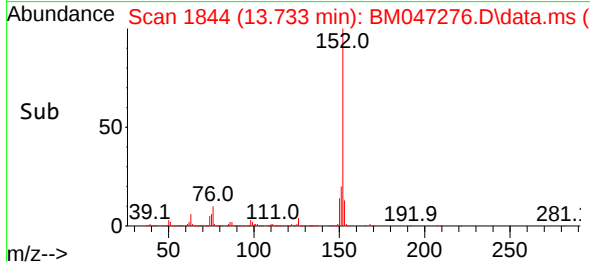
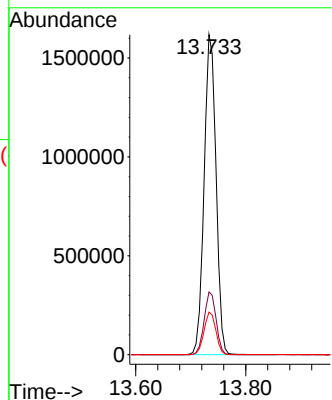
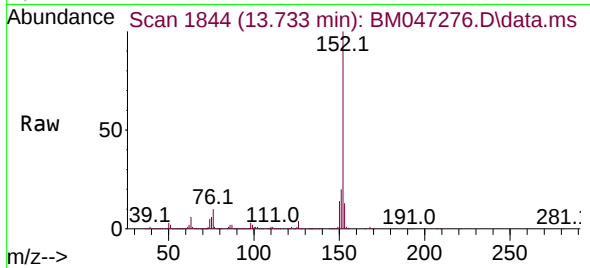




#49
Acenaphthylene
Concen: 45.878 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

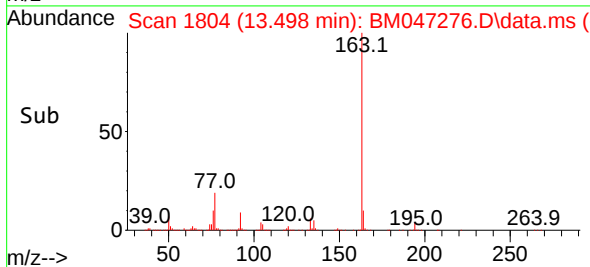
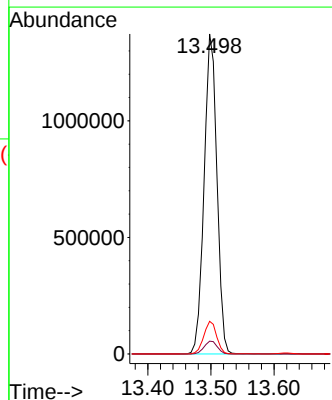
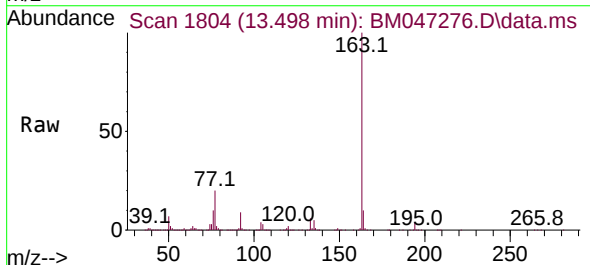
Instrument :
BNA_M
ClientSampleId :
PB162861BS

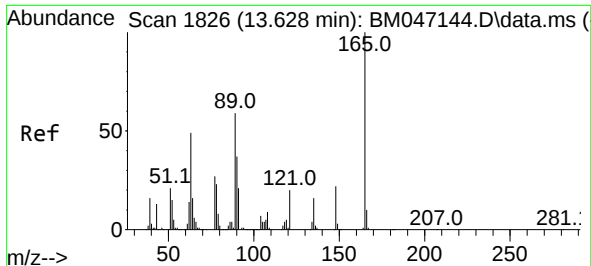
Tgt Ion:152 Resp: 2434110
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 42.843 ng
RT: 13.498 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:163 Resp: 1935542
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.0 12.0

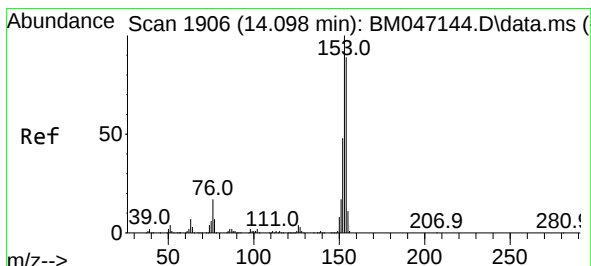
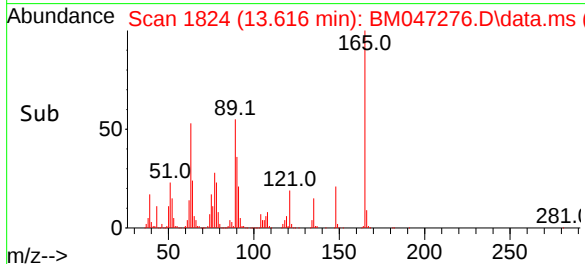
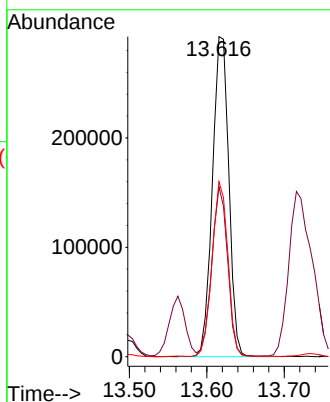
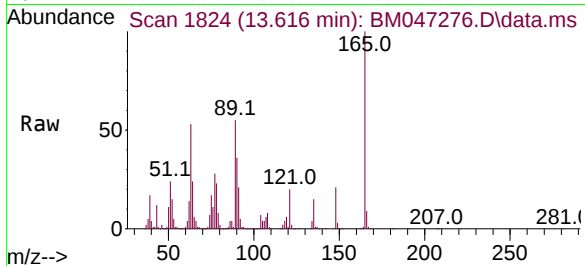




#51
2,6-Dinitrotoluene
Concen: 40.792 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

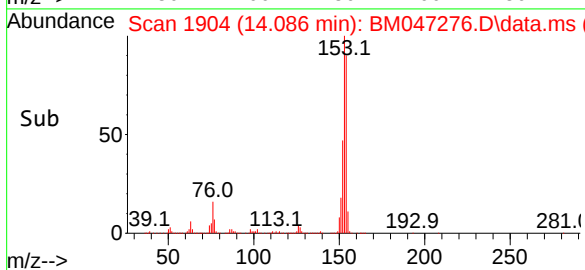
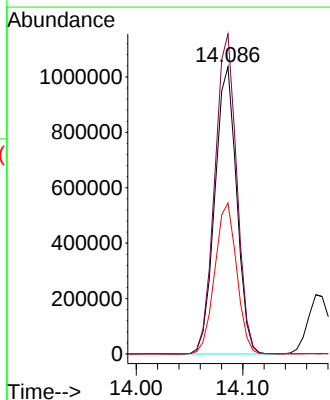
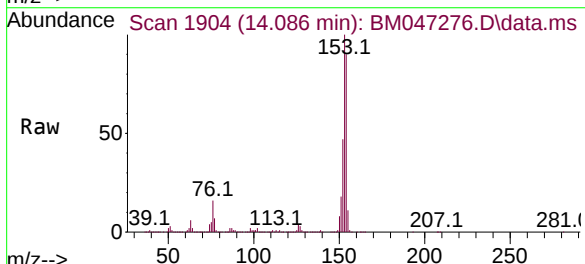
Instrument :
BNA_M
ClientSampleId :
PB162861BS

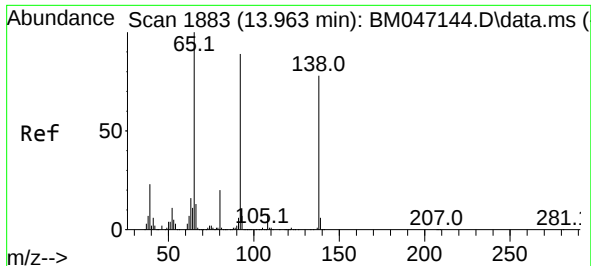
Tgt Ion:165 Resp: 430803
Ion Ratio Lower Upper
165 100
63 53.1 46.5 69.7
89 54.7 47.3 70.9



#52
Acenaphthene
Concen: 43.734 ng
RT: 14.086 min Scan# 1904
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:154 Resp: 1471865
Ion Ratio Lower Upper
154 100
153 111.4 90.3 135.5
152 52.5 42.9 64.3

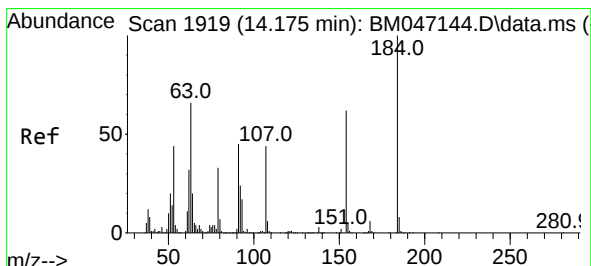
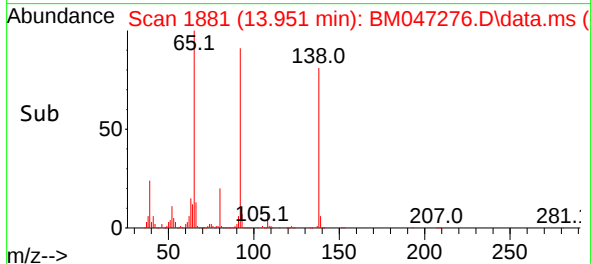
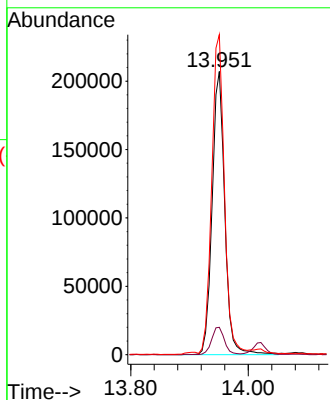
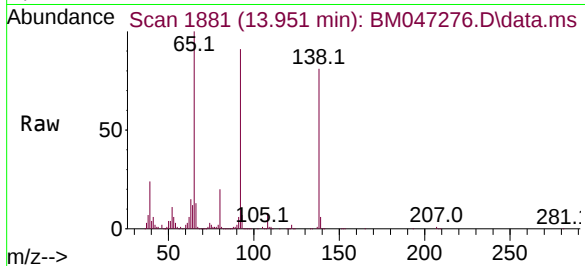




#53
3-Nitroaniline
Concen: 29.211 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

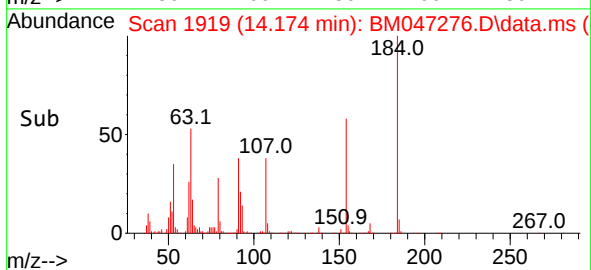
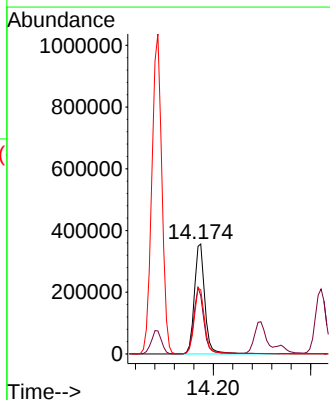
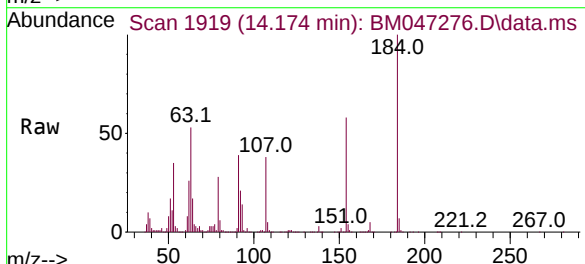
Instrument :
BNA_M
ClientSampleId :
PB162861BS

Tgt Ion:138 Resp: 309121
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 113.0 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 84.874 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:184 Resp: 537224
Ion Ratio Lower Upper
184 100
63 52.9 52.7 79.1
154 58.2 50.4 75.6

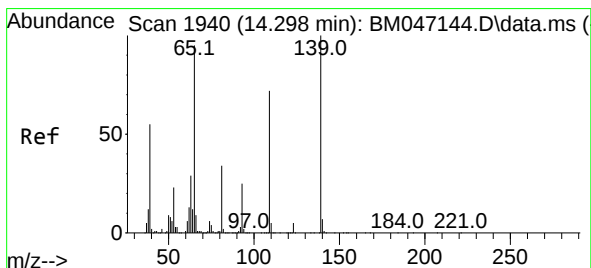
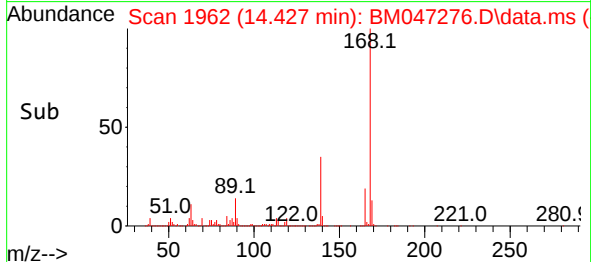
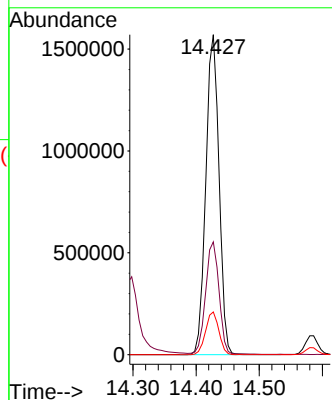
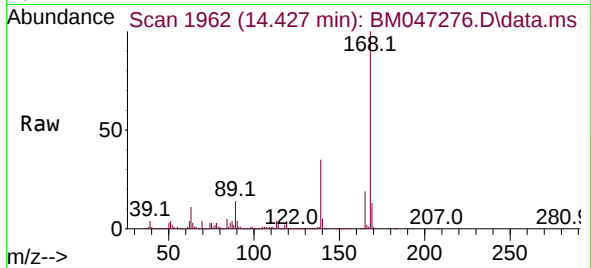




#55
Dibenzenofuran
Concen: 42.929 ng
RT: 14.427 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

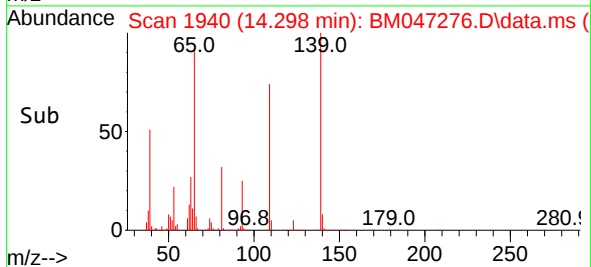
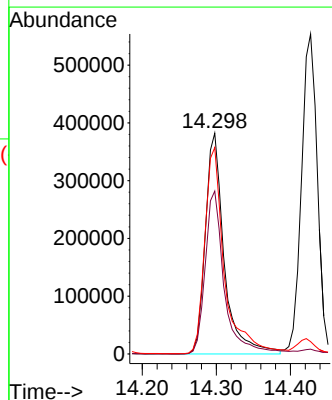
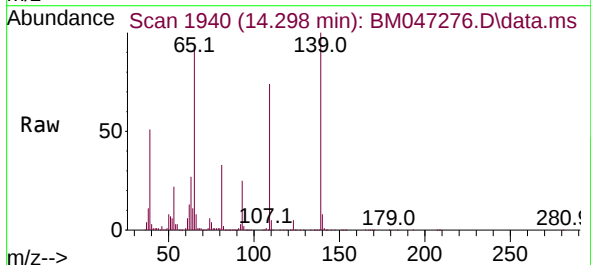
Instrument :
BNA_M
ClientSampleId :
PB162861BS

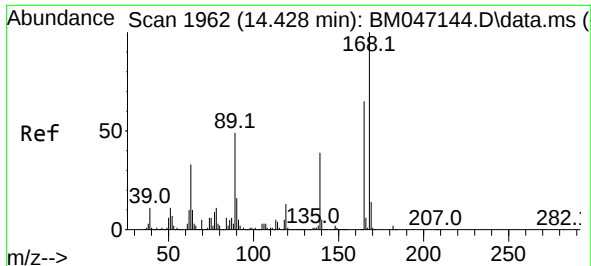
Tgt Ion:168 Resp: 2282132
Ion Ratio Lower Upper
168 100
139 35.3 29.6 44.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 74.254 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:139 Resp: 677594
Ion Ratio Lower Upper
139 100
109 73.7 52.5 92.5
65 93.5 75.4 115.4

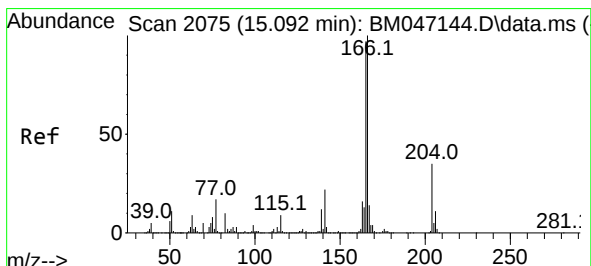
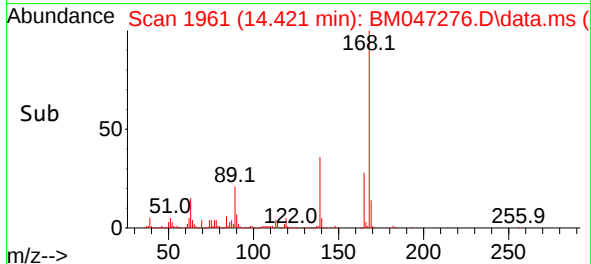
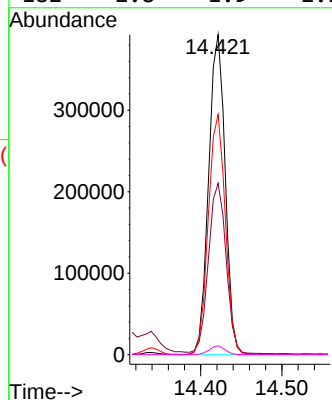
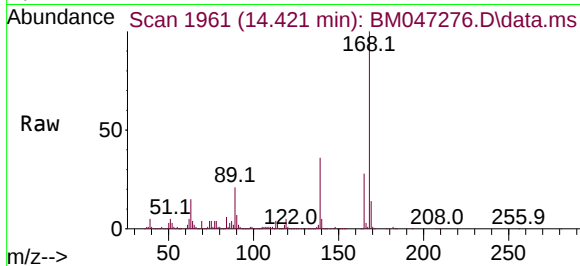




#57
2,4-Dinitrotoluene
Concen: 39.532 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

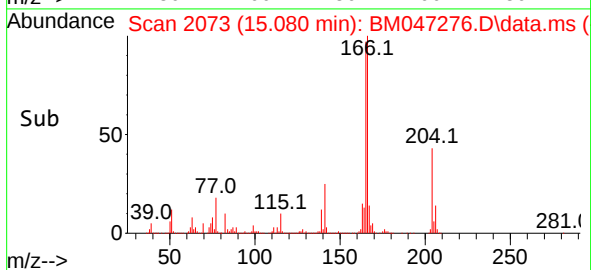
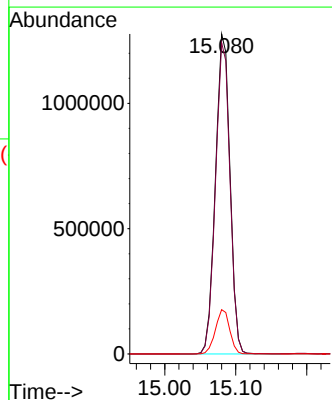
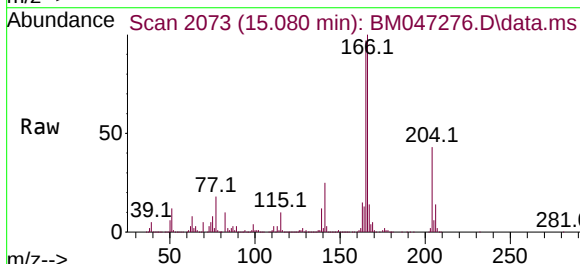
Instrument :
BNA_M
ClientSampleId :
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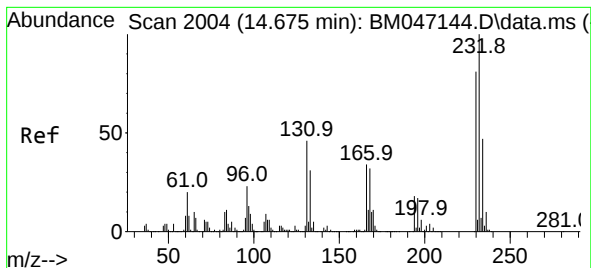
Tgt Ion:	165	Resp:	557257
Ion	Ratio	Lower	Upper
165	100		
63	53.6	40.3	60.5
89	75.0	61.0	91.6
182	2.8	1.9	2.9



#58
Fluorene
Concen: 41.311 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:	166	Resp:	1812039
Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.4	116.0
167	13.8	11.0	16.6

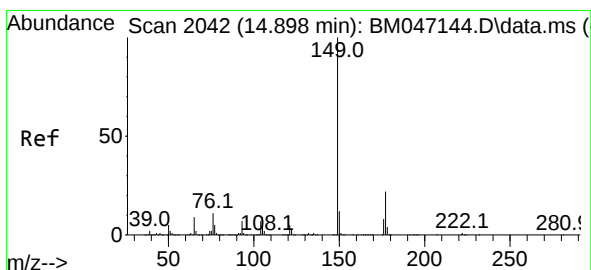
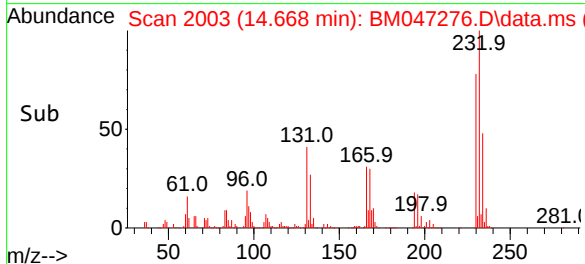
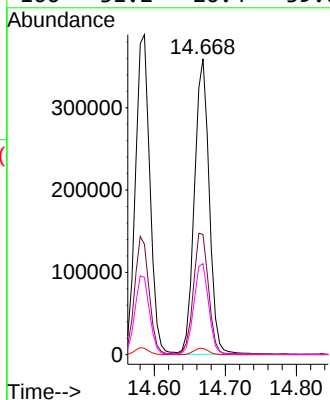
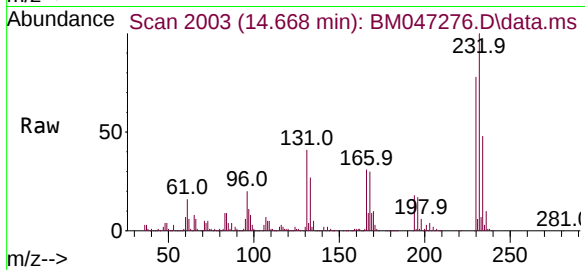




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.470 ng
RT: 14.668 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

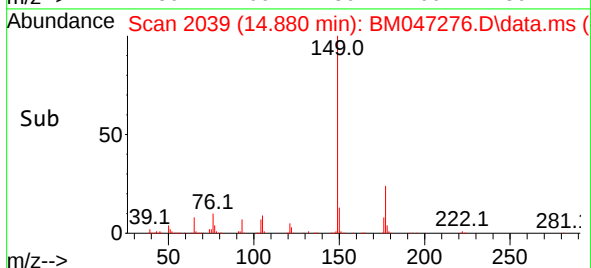
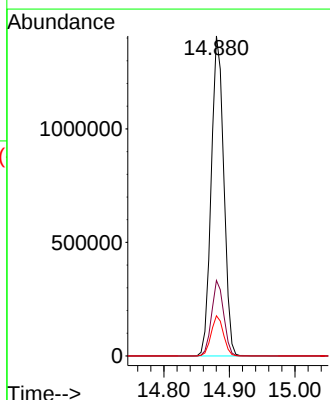
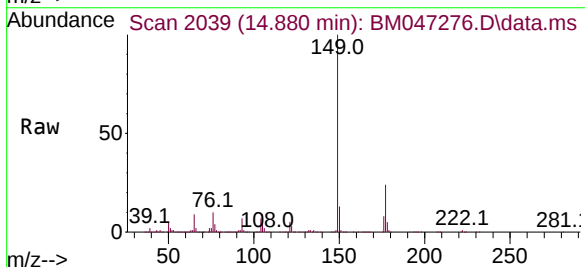
Instrument :
BNA_M
ClientSampleId :
PB162861BS

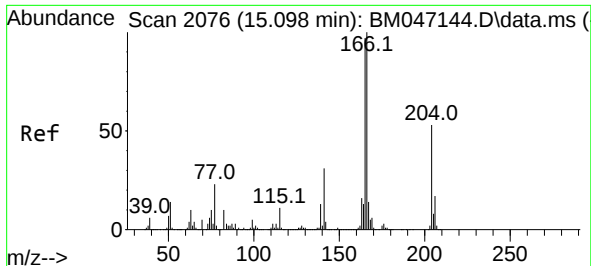
Tgt Ion:232 Resp: 520332
Ion Ratio Lower Upper
232 100
131 42.1 36.9 55.3
130 2.2 2.0 3.0
166 31.2 26.4 39.6



#60
Diethylphthalate
Concen: 40.518 ng
RT: 14.880 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:149 Resp: 1869268
Ion Ratio Lower Upper
149 100
177 23.6 17.6 26.4
150 12.6 9.8 14.6

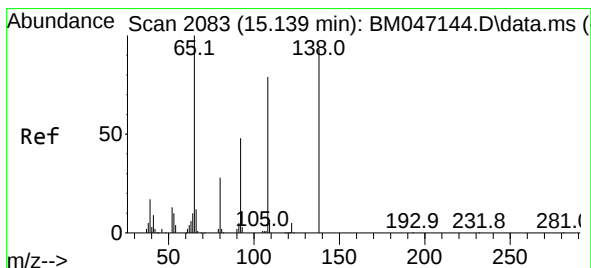
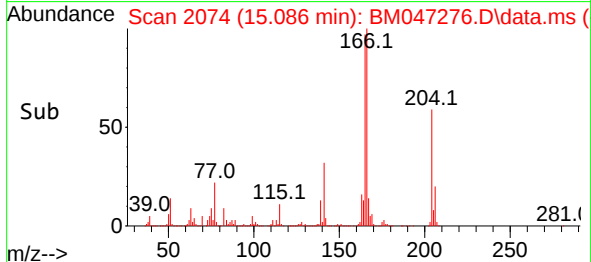
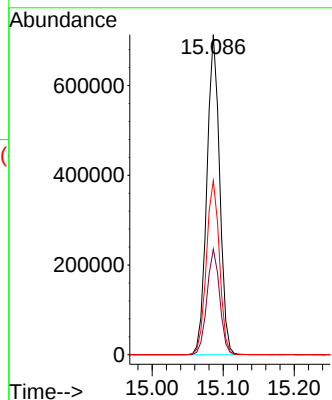
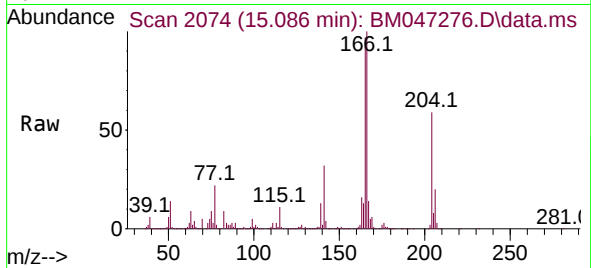




#61
4-Chlorophenyl-phenylether
Concen: 42.811 ng
RT: 15.086 min Scan# 2076
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

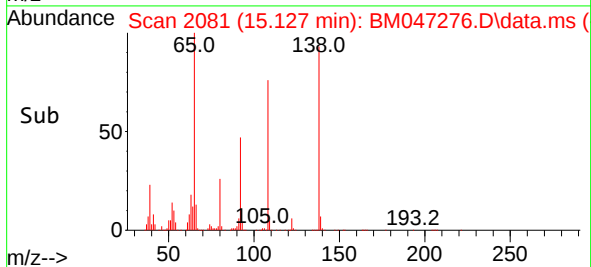
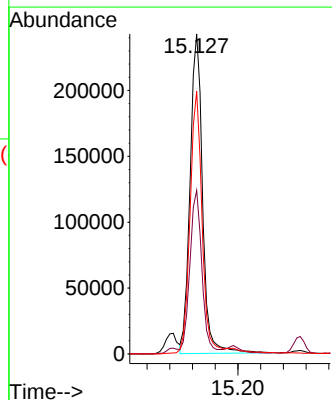
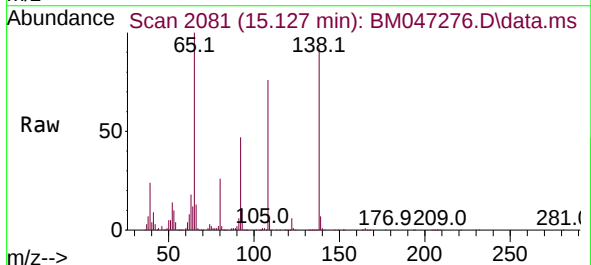
Instrument :
BNA_M
ClientSampleId :
PB162861BS

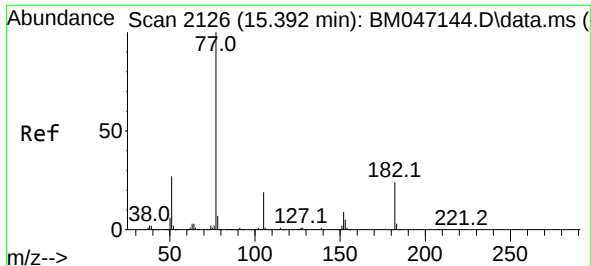
Tgt Ion:204 Resp: 893985
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 54.3 47.2 70.8



#62
4-Nitroaniline
Concen: 35.511 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:138 Resp: 370223
Ion Ratio Lower Upper
138 100
92 51.1 31.9 71.9
108 82.1 63.8 103.8



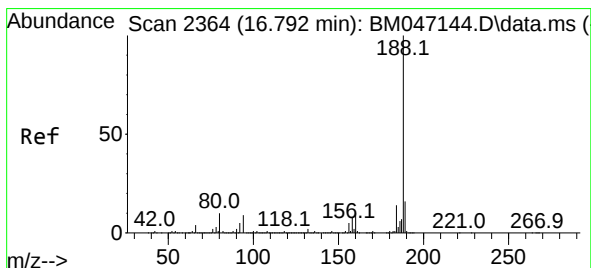
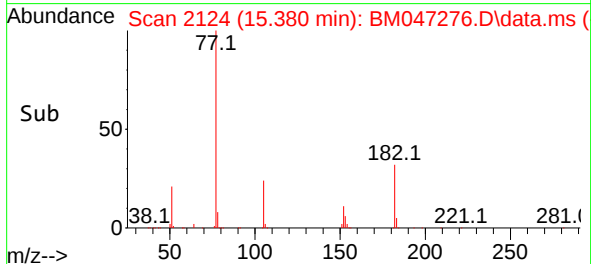
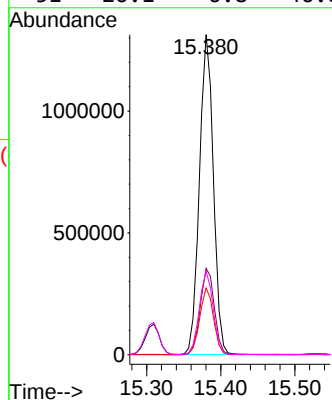
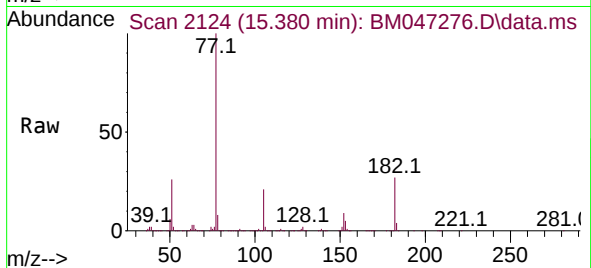


#63
Azobenzene
Concen: 39.123 ng
RT: 15.380 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Instrument :
BNA_M
ClientSampleId :
PB162861BS

Tgt Ion: 77 Resp: 1711387

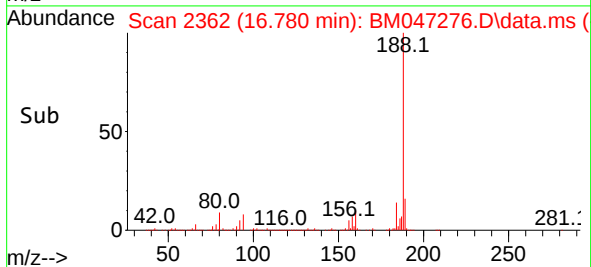
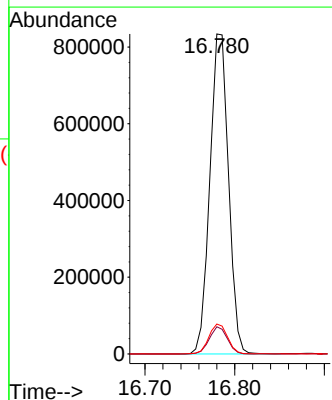
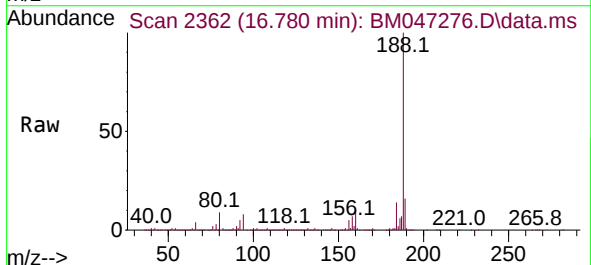
Ion	Ratio	Lower	Upper
77	100		
182	27.0	3.8	43.8
105	20.9	0.0	39.5
51	26.1	6.8	46.8

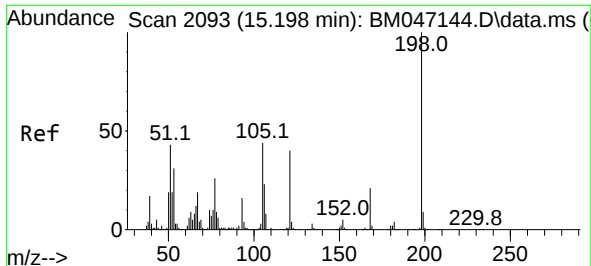


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:188 Resp: 1203583

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.4	8.0	12.0

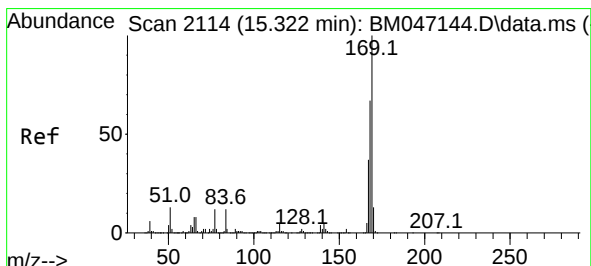
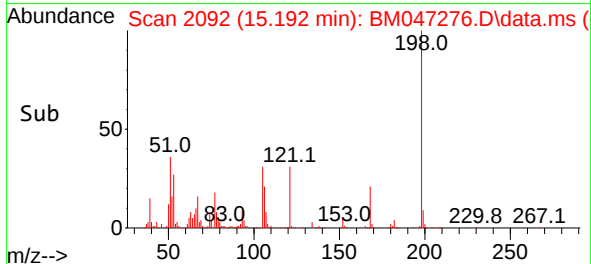
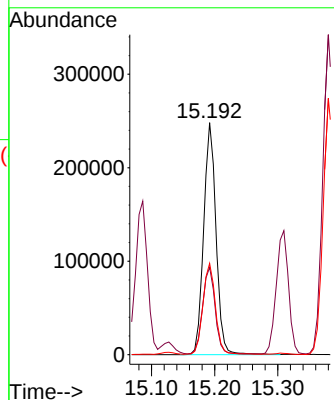
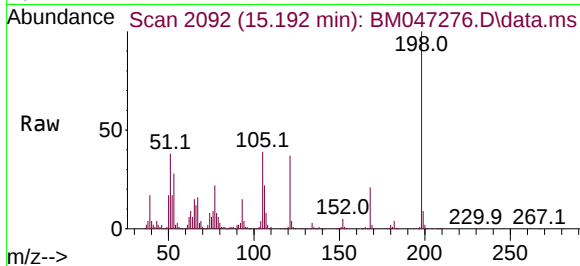




#65
4,6-Dinitro-2-methylphenol
Concen: 47.916 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

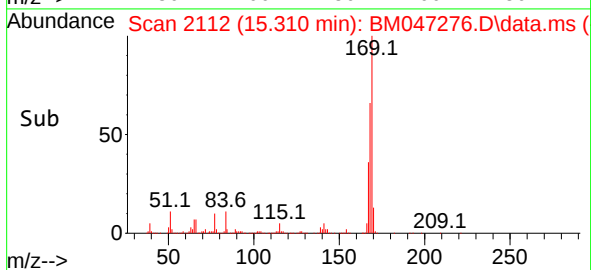
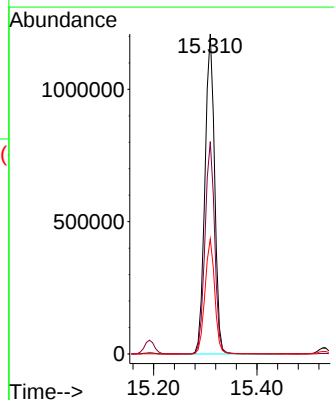
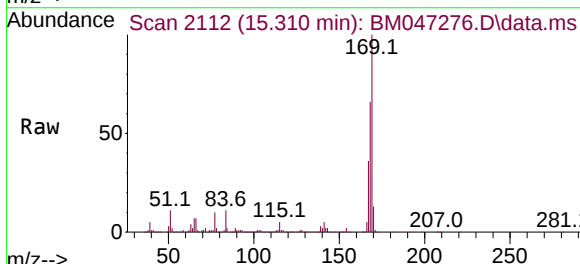
Instrument :
BNA_M
ClientSampleId :
PB162861BS

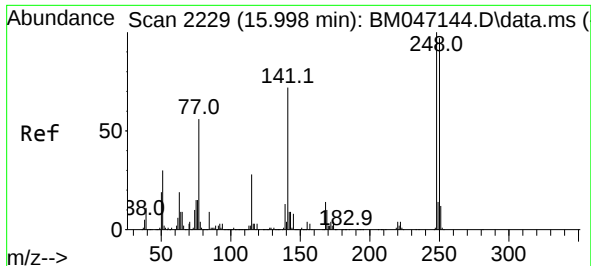
Tgt Ion:198 Resp: 337654
Ion Ratio Lower Upper
198 100
51 37.7 23.9 63.9
105 39.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 47.889 ng
RT: 15.310 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:169 Resp: 1569912
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 35.9 29.3 43.9

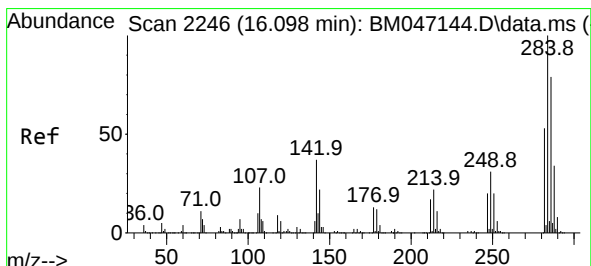
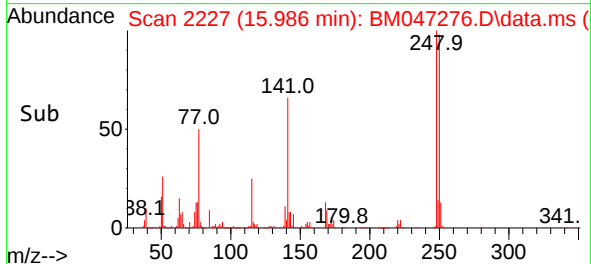
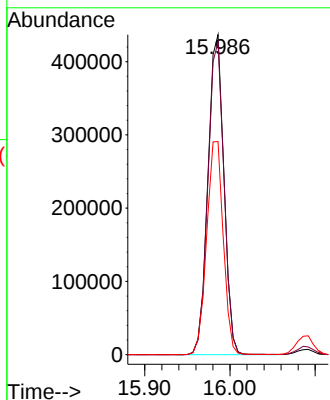
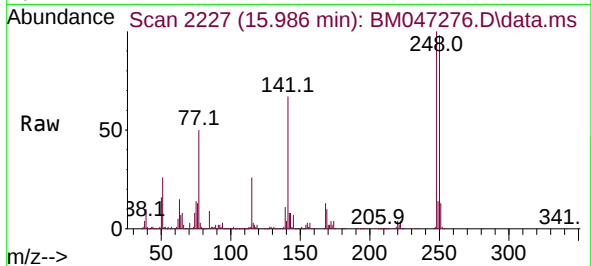




#67
4-Bromophenyl-phenylether
Concen: 49.166 ng
RT: 15.986 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

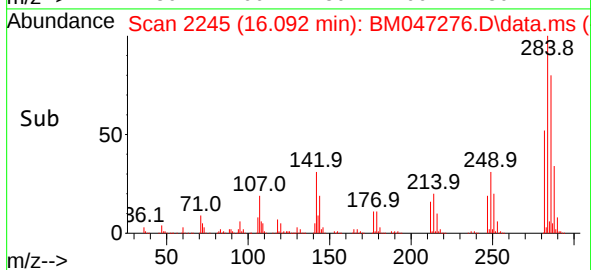
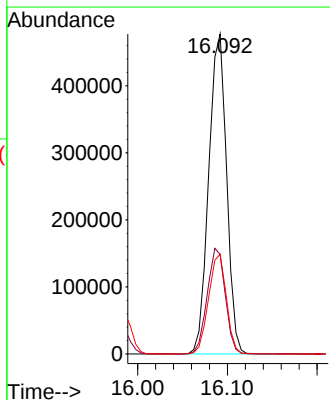
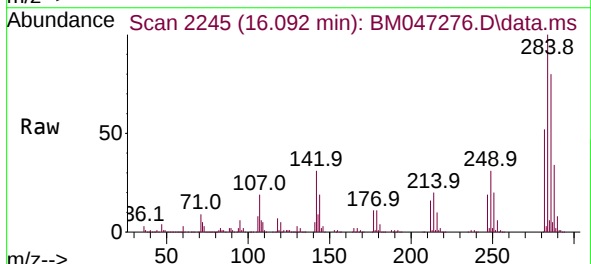
Instrument :
BNA_M
ClientSampleId :
PB162861BS

Tgt Ion:248 Resp: 570223
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 66.6 57.7 86.5



#68
Hexachlorobenzene
Concen: 47.547 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:284 Resp: 660438
Ion Ratio Lower Upper
284 100
142 31.1 29.4 44.0
249 31.1 25.1 37.7





#69

Atrazine

Concen: 56.826 ng

RT: 16.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

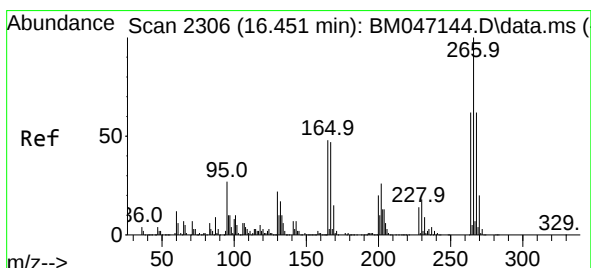
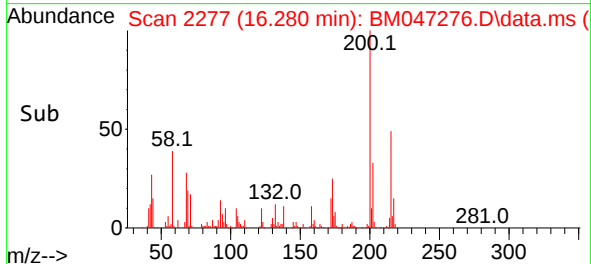
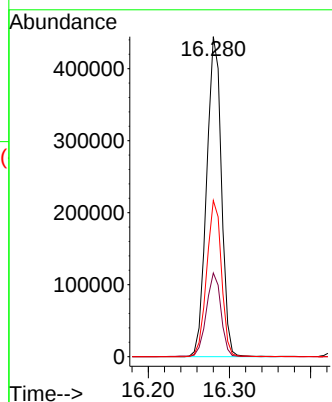
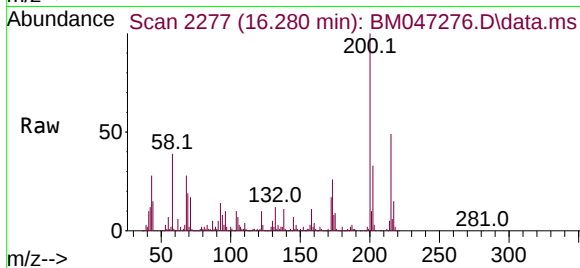
Tgt Ion:200 Resp: 560577

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

215 48.8 26.8 66.8



#70

Pentachlorophenol

Concen: 86.252 ng

RT: 16.445 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

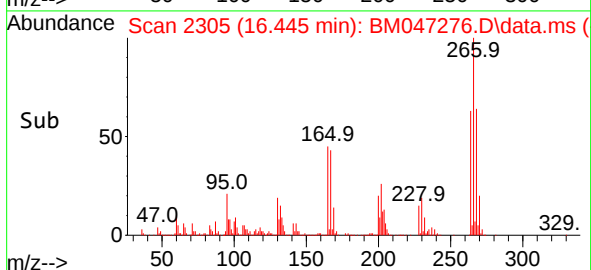
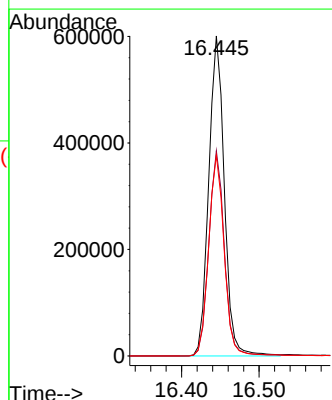
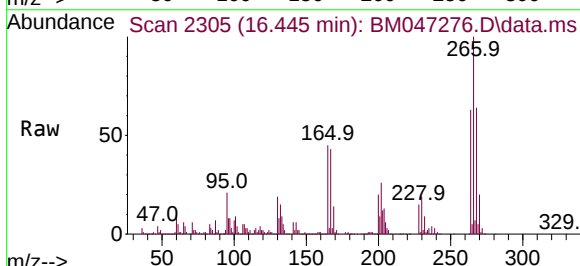
Tgt Ion:266 Resp: 839820

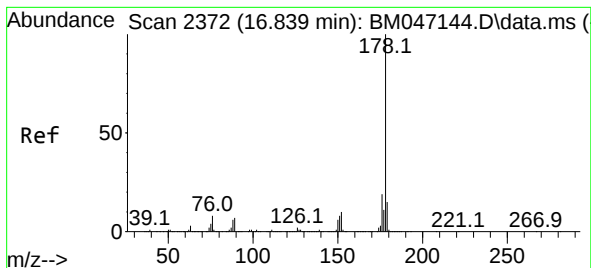
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.6

264 62.7 49.6 74.4





#71

Phenanthrene

Concen: 45.027 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

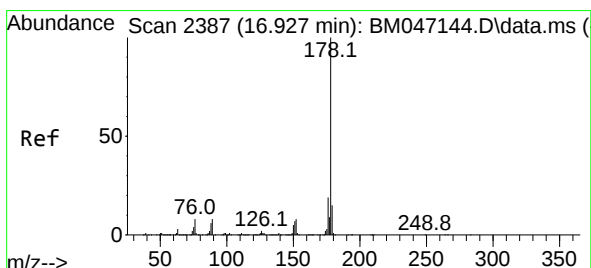
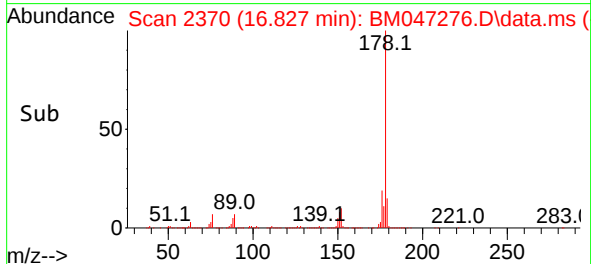
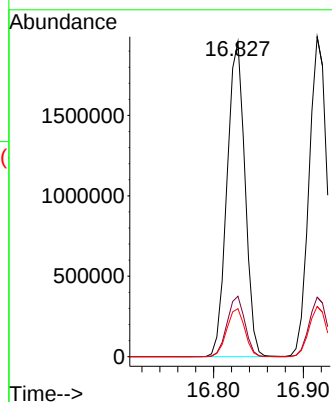
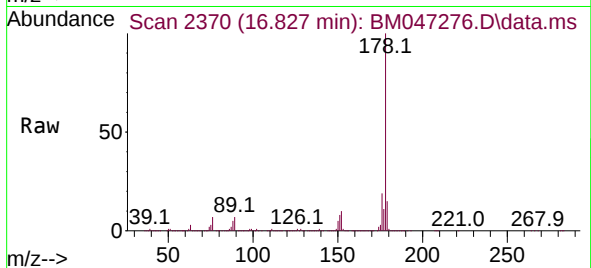
Tgt Ion:178 Resp: 2719757

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 47.239 ng

RT: 16.915 min Scan# 2385

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

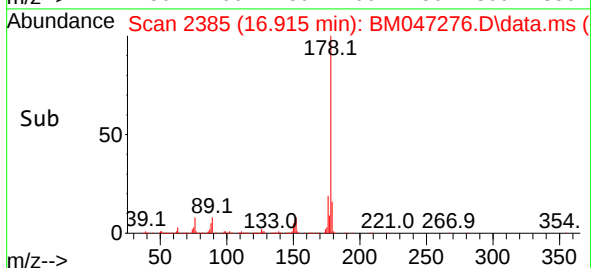
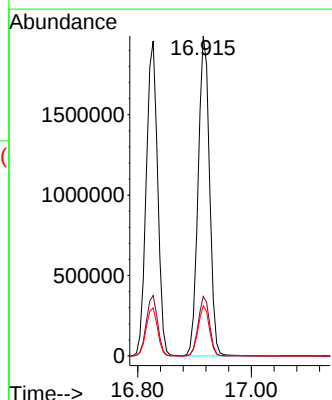
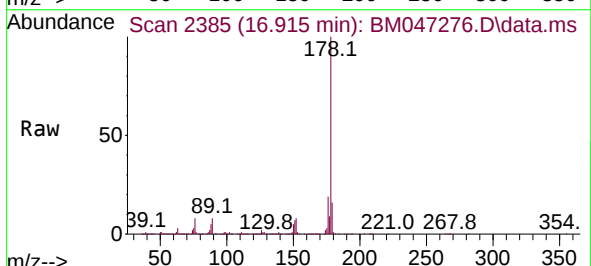
Tgt Ion:178 Resp: 2776396

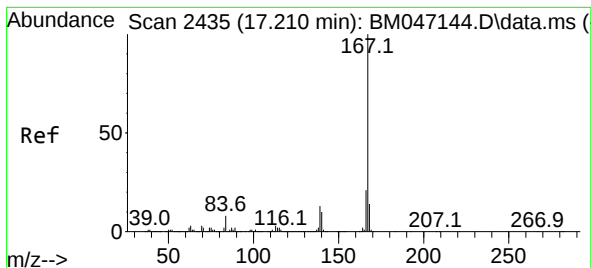
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.7 12.4 18.6





#73

Carbazole

Concen: 41.468 ng

RT: 17.198 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

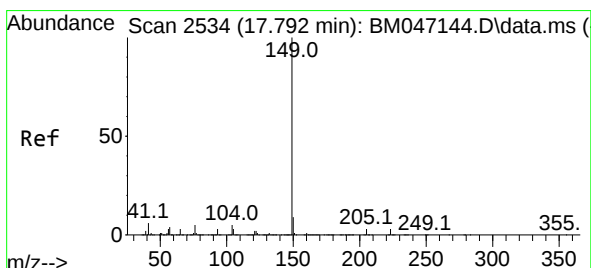
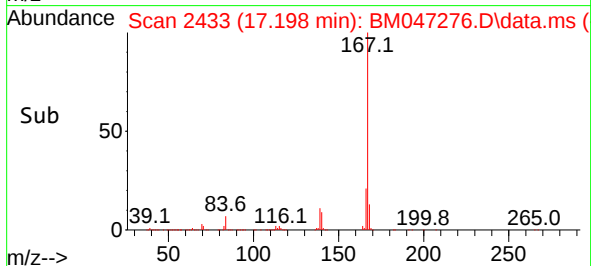
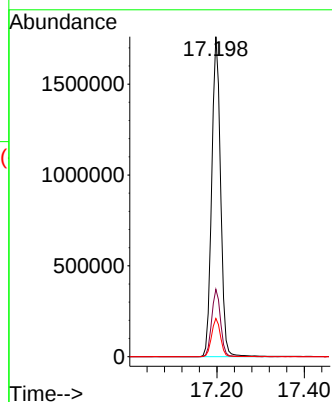
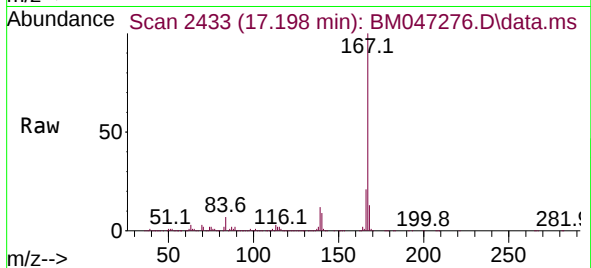
Tgt Ion:167 Resp: 2488478

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 12.0 10.0 15.0



#74

Di-n-butylphthalate

Concen: 43.814 ng

RT: 17.780 min Scan# 2532

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

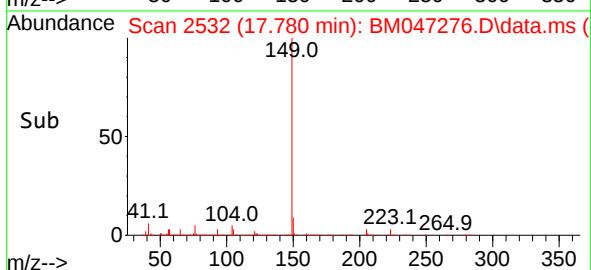
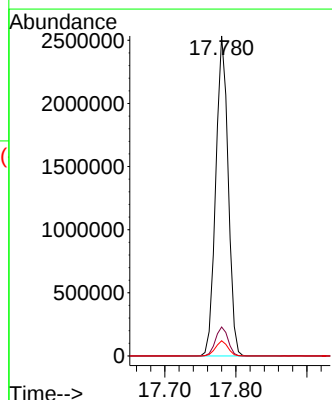
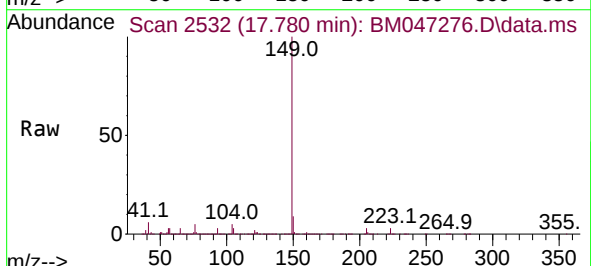
Tgt Ion:149 Resp: 3059334

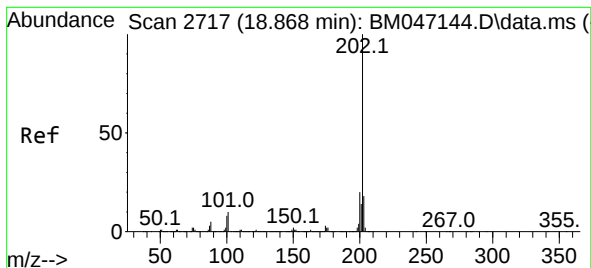
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 40.199 ng

RT: 18.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

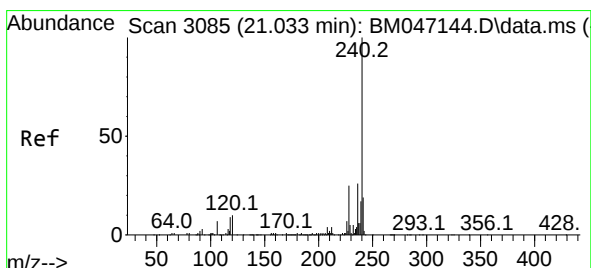
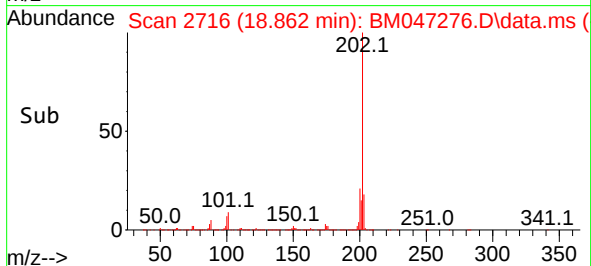
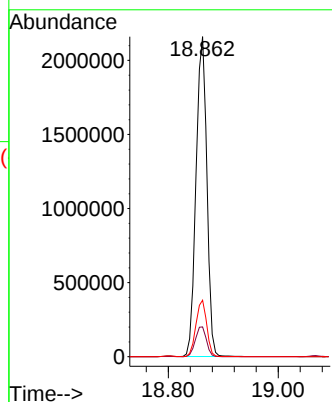
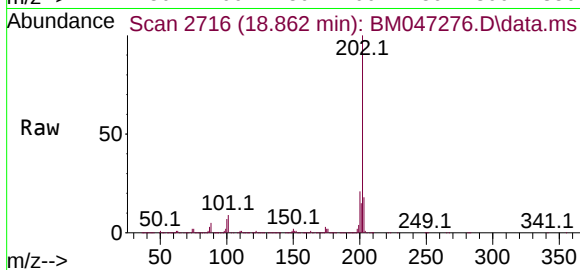
Tgt Ion:202 Resp: 2953418

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.2

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

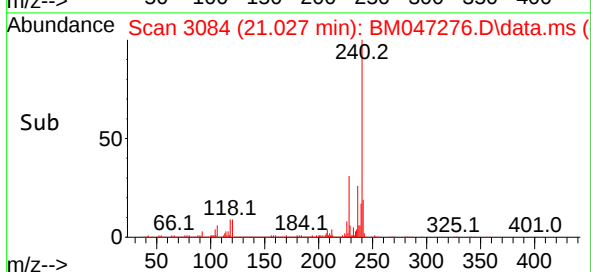
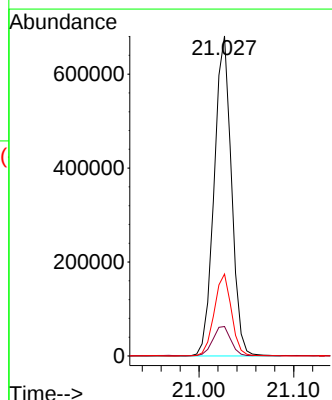
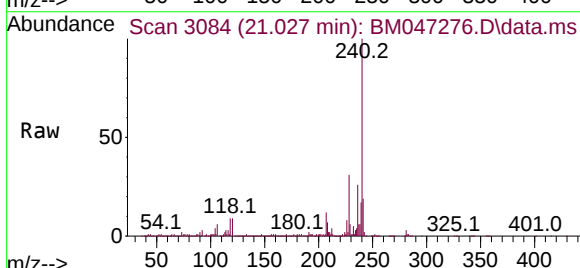
Tgt Ion:240 Resp: 862111

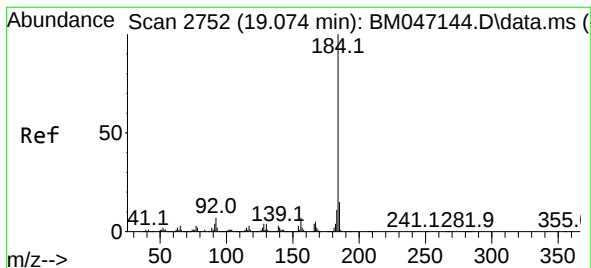
Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

236 25.6 20.6 30.8





#77

Benzidine

Concen: 99.885 ng

RT: 19.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

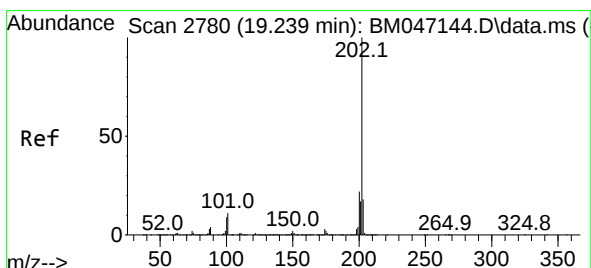
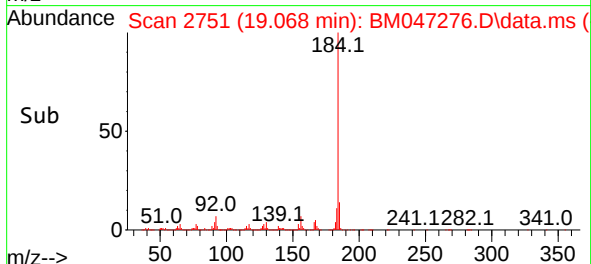
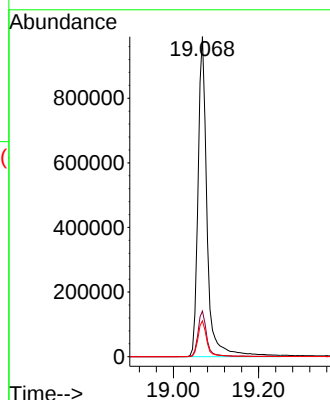
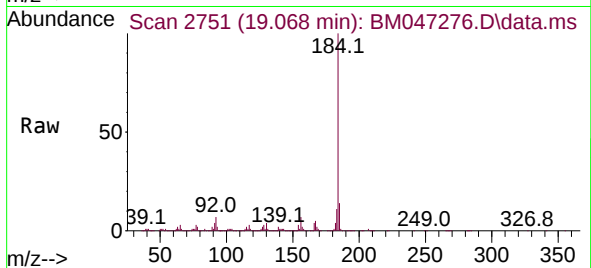
Tgt Ion:184 Resp: 1460330

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

183 11.2 9.0 13.6



#78

Pyrene

Concen: 49.851 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

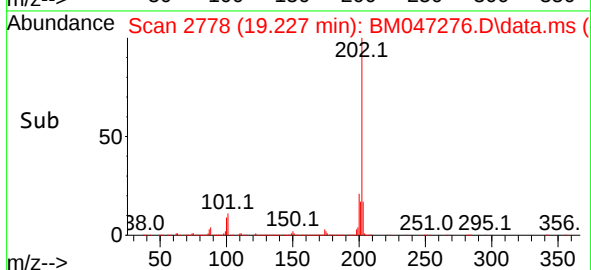
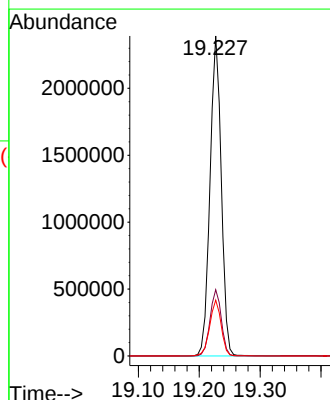
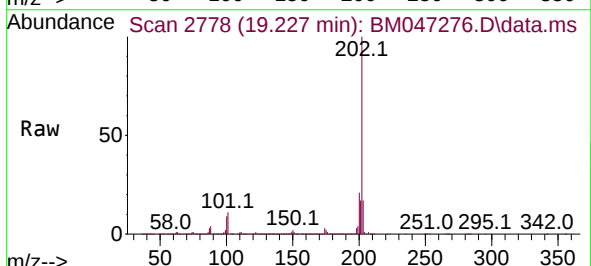
Tgt Ion:202 Resp: 3068666

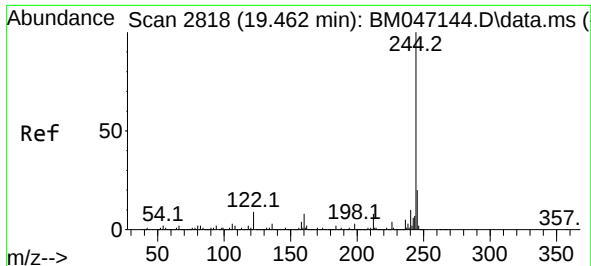
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 17.5 14.2 21.2

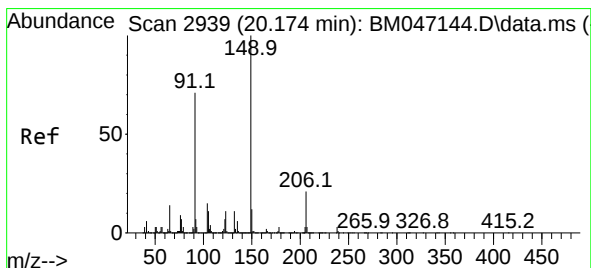
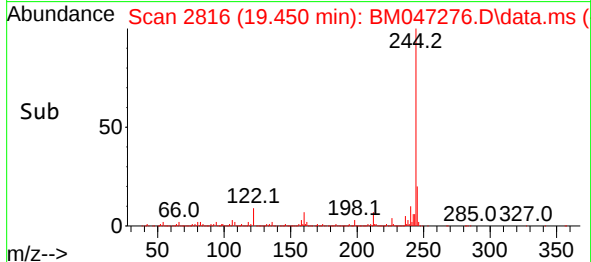
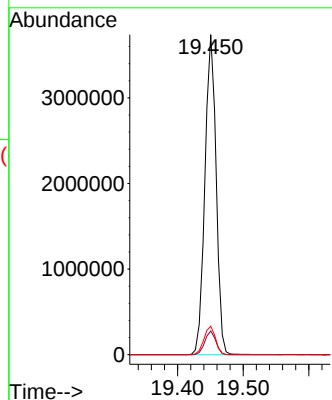
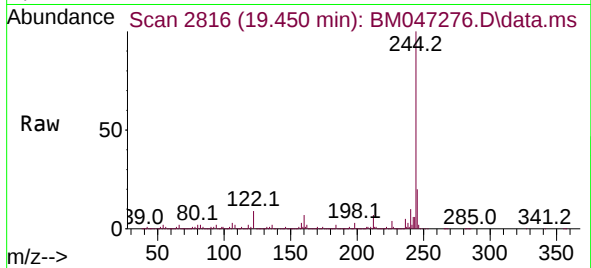




#79
 Terphenyl-d14
 Concen: 110.725 ng
 RT: 19.450 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047276.D
 Acq: 20 Aug 2024 18:56

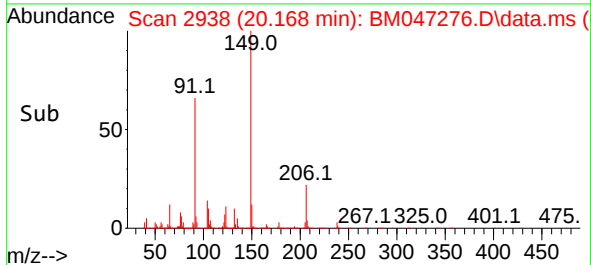
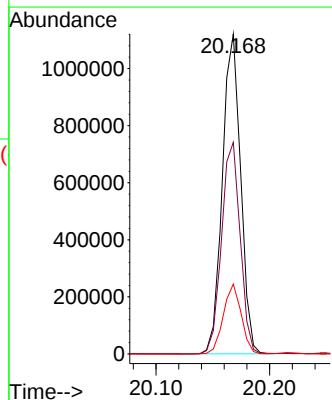
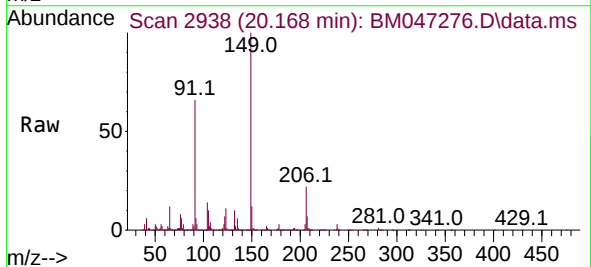
Instrument :
 BNA_M
 ClientSampleId :
 PB162861BS

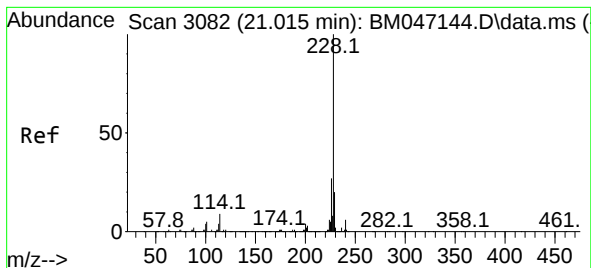
Tgt Ion:244 Resp: 4454873
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.9 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 49.875 ng
 RT: 20.168 min Scan# 2938
 Delta R.T. -0.006 min
 Lab File: BM047276.D
 Acq: 20 Aug 2024 18:56

Tgt Ion:149 Resp: 1252925
 Ion Ratio Lower Upper
 149 100
 91 66.1 57.0 85.4
 206 21.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.522 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

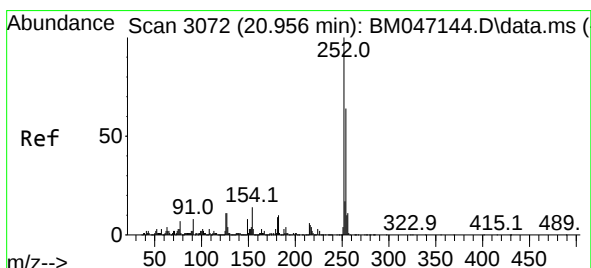
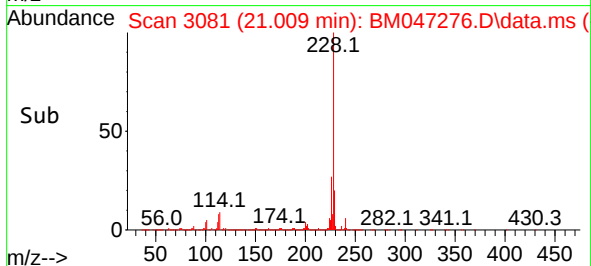
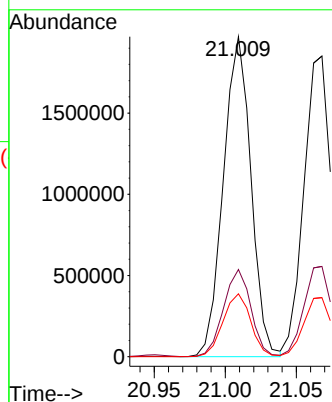
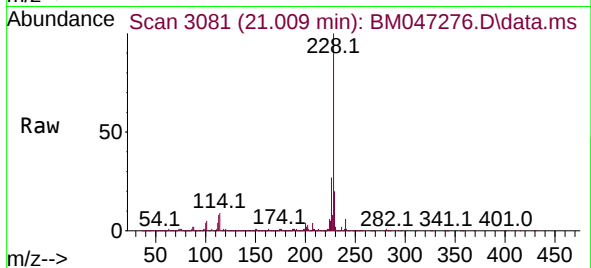
Tgt Ion:228 Resp: 2662533

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 49.132 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

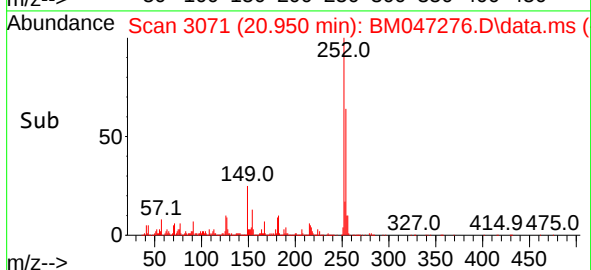
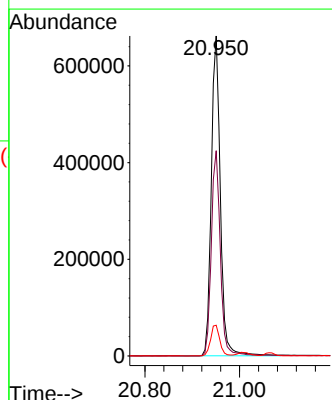
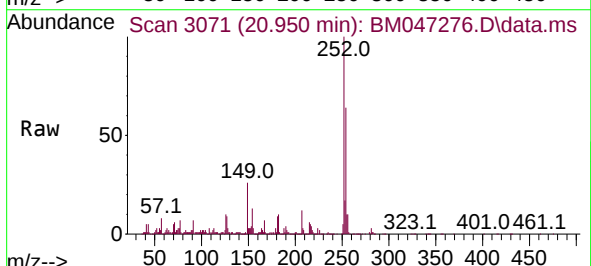
Tgt Ion:252 Resp: 879794

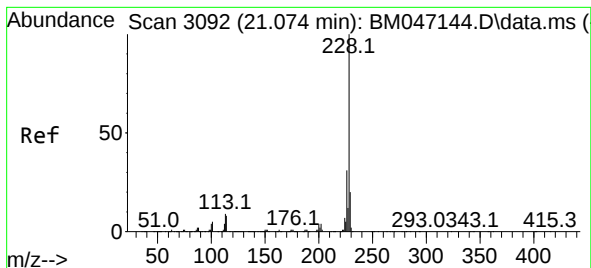
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.6

126 9.6 8.5 12.7





#83

Chrysene

Concen: 45.930 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

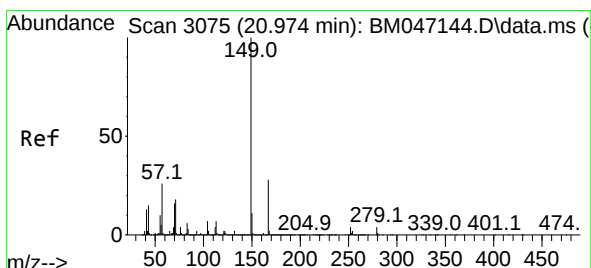
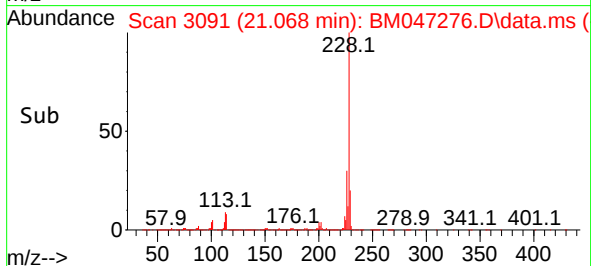
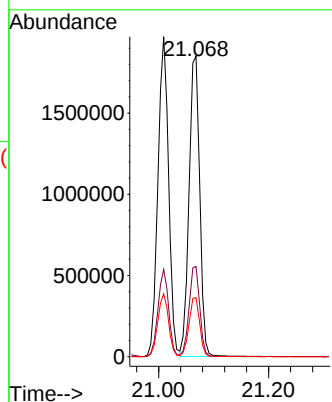
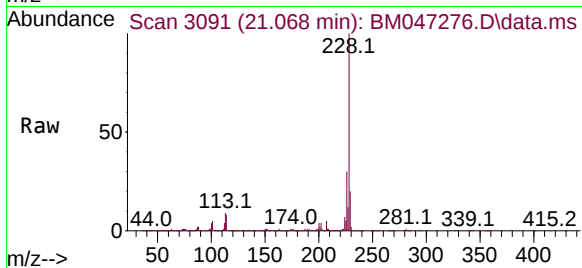
Tgt Ion:228 Resp: 2494012

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.829 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

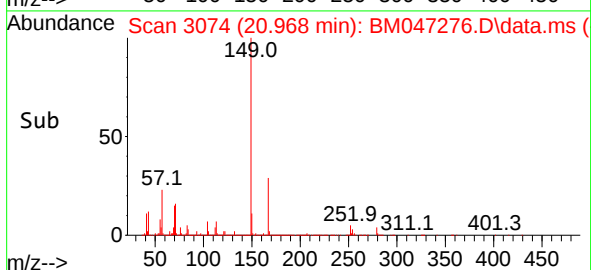
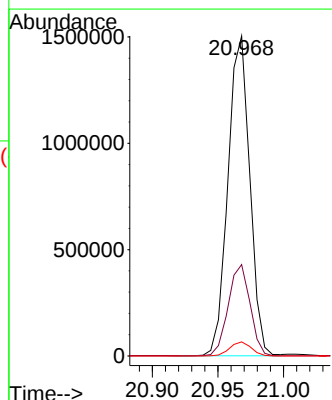
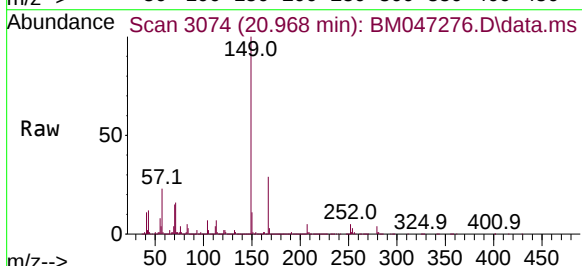
Tgt Ion:149 Resp: 1739611

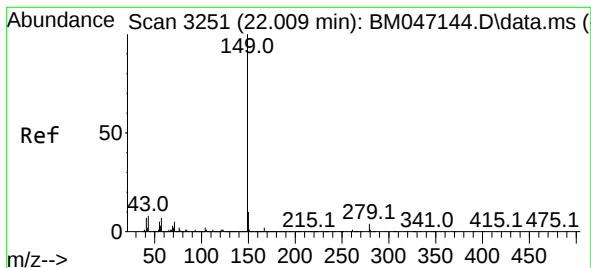
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 48.722 ng

RT: 21.997 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

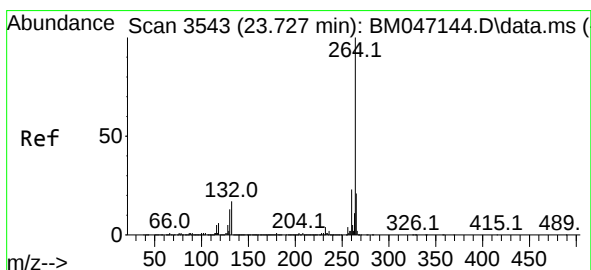
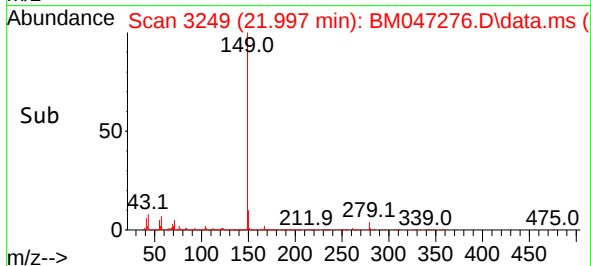
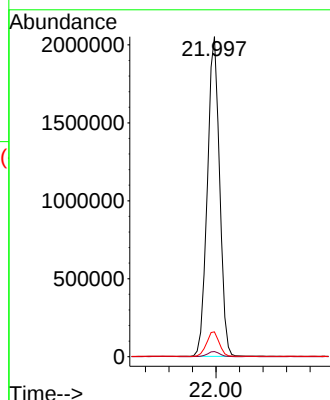
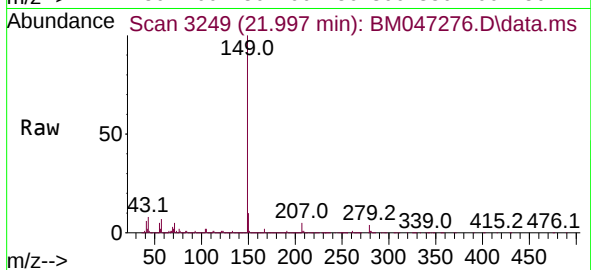
Tgt Ion:149 Resp: 2950362

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

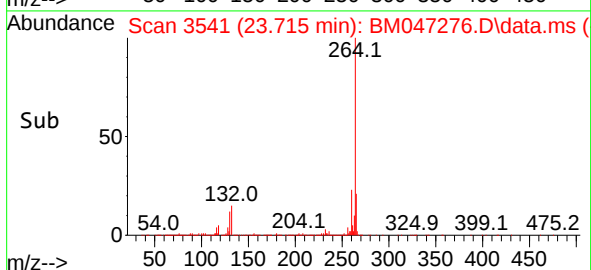
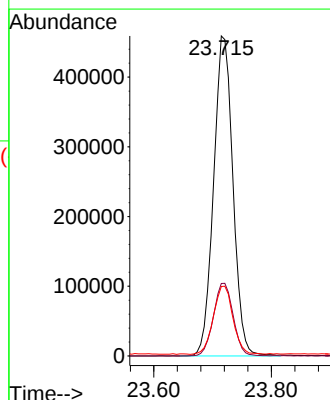
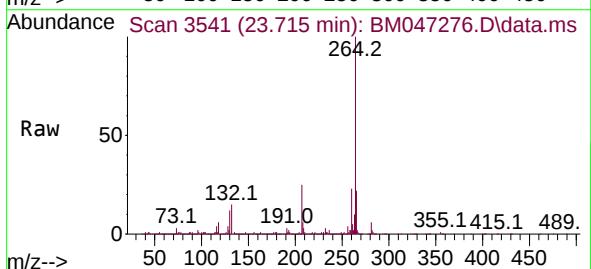
Tgt Ion:264 Resp: 1048855

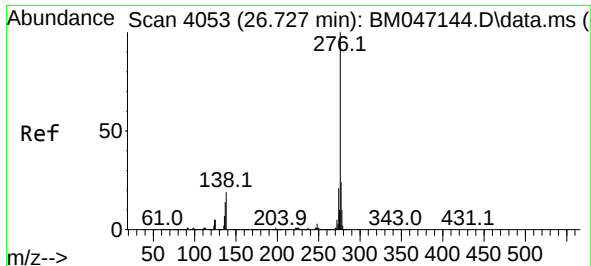
Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.7 17.3 25.9

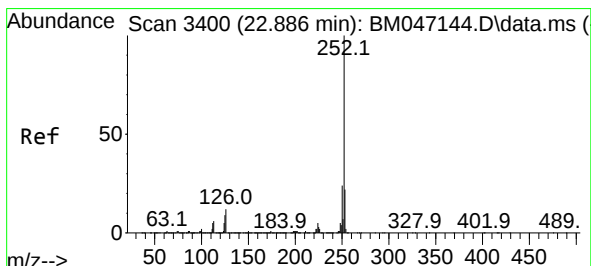
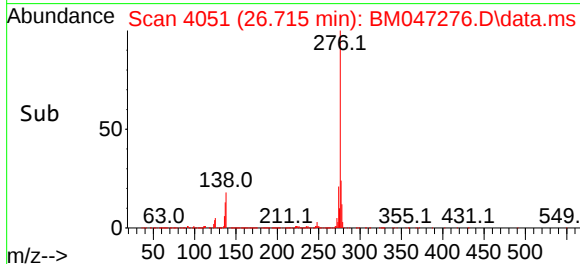
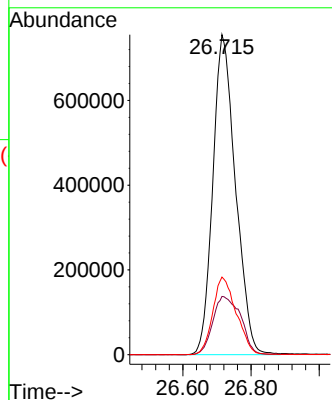
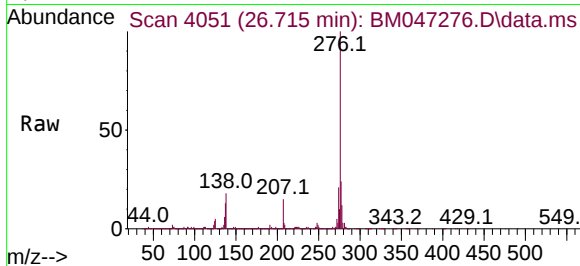




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.428 ng
RT: 26.715 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

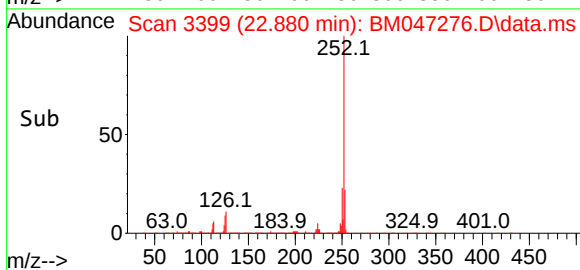
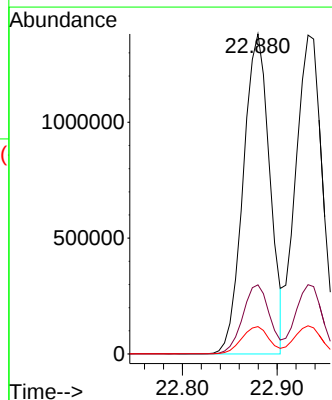
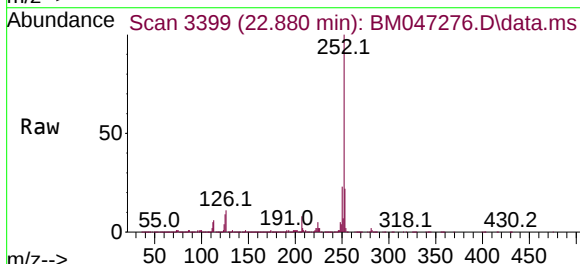
Instrument :
BNA_M
ClientSampleId :
PB162861BS

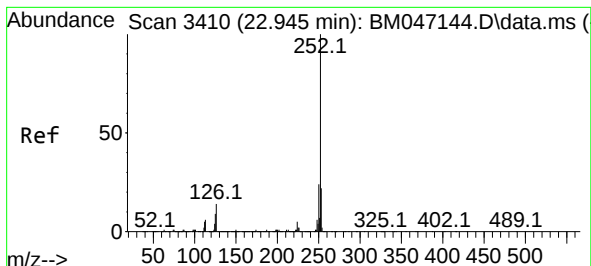
Tgt Ion:276 Resp: 3486627
Ion Ratio Lower Upper
276 100
138 22.4 19.4 29.0
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 43.128 ng
RT: 22.880 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BM047276.D
Acq: 20 Aug 2024 18:56

Tgt Ion:252 Resp: 2686352
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.783 ng

RT: 22.933 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

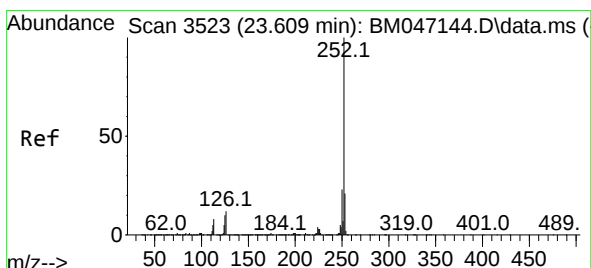
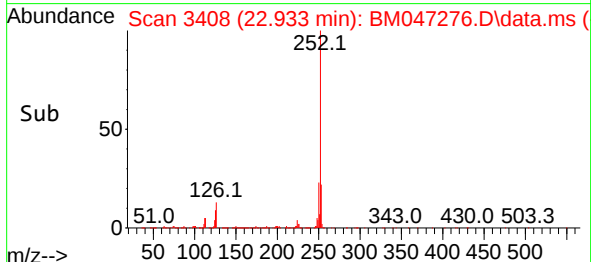
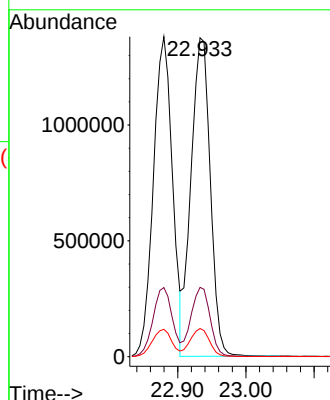
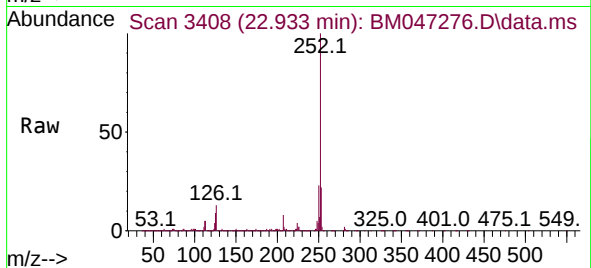
Tgt Ion:252 Resp: 2693566

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.052 ng

RT: 23.597 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

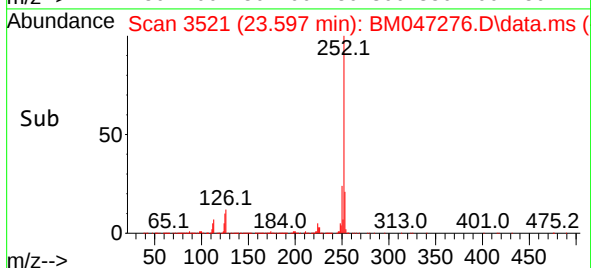
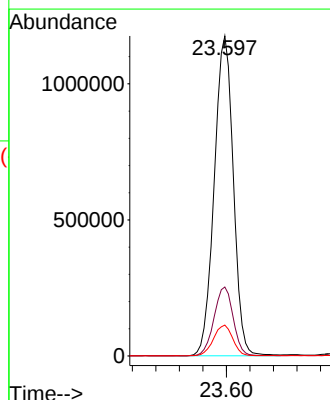
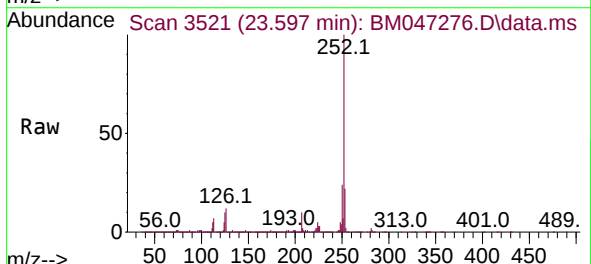
Tgt Ion:252 Resp: 2646747

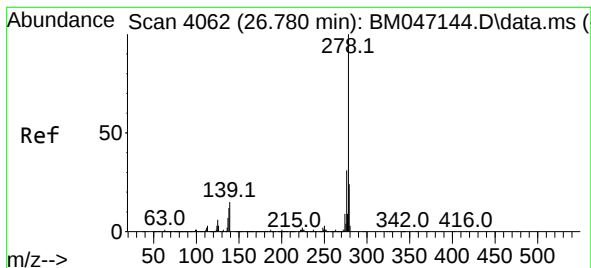
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 9.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 50.621 ng

RT: 26.768 min Scan# 40

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Instrument :

BNA_M

ClientSampleId :

PB162861BS

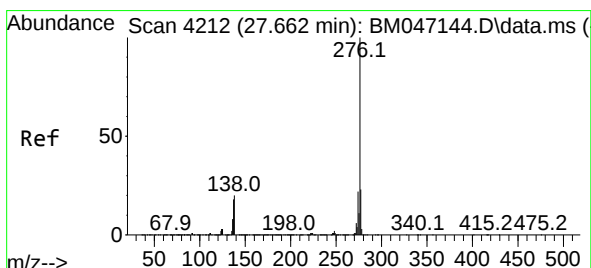
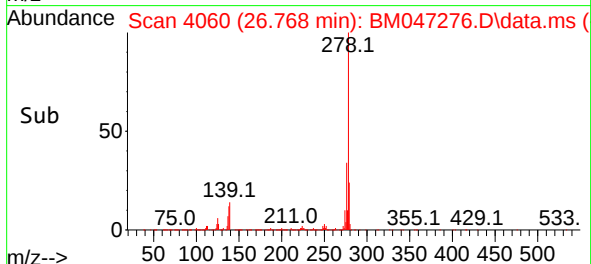
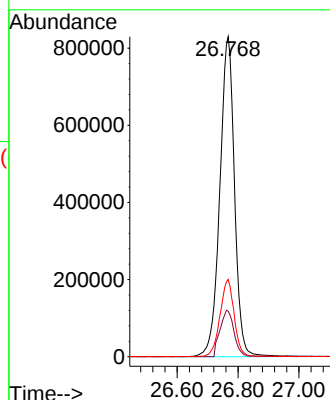
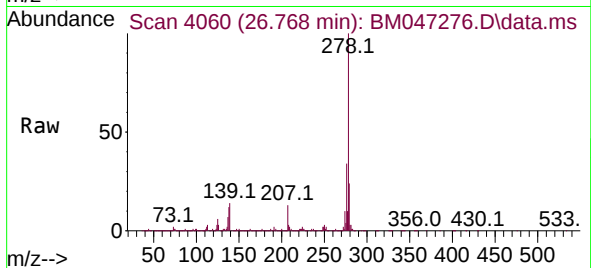
Tgt Ion:278 Resp: 2777335

Ion Ratio Lower Upper

278 100

139 14.2 12.0 18.0

279 24.2 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 48.203 ng

RT: 27.650 min Scan# 4210

Delta R.T. -0.012 min

Lab File: BM047276.D

Acq: 20 Aug 2024 18:56

Tgt Ion:276 Resp: 2745812

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 18.3 16.2 24.4

