

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
 Data File : BM047328.D
 Acq On : 23 Aug 2024 11:28
 Operator : RC/JU
 Sample : PB162815BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162815BS

Quant Time: Aug 24 01:11:07 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	7.351	152	365144	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1352668	20.000	ng	-0.03
39) Acenaphthene-d10	14.015	164	879695	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1828572	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1460918	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1376891	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	2378942	116.414	ng	0.00
7) Phenol-d6	6.575	99	3055804	108.524	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1982436	73.796	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1292793	126.742	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	4587907	80.448	ng	-0.02
79) Terphenyl-d14	19.445	244	7047035	103.361	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	237655	28.068	ng	98
3) Pyridine	3.399	79	631590	25.438	ng	95
4) n-Nitrosodimethylamine	3.316	42	387735	35.744	ng	95
6) Aniline	6.704	93	639917	24.044	ng	98
8) 2-Chlorophenol	6.934	128	981488	44.036	ng	98
9) Benzaldehyde	6.516	77	268657	14.162	ng	100
10) Phenol	6.598	94	1132721	40.315	ng	99
11) bis(2-Chloroethyl)ether	6.804	93	934818	38.852	ng	98
12) 1,3-Dichlorobenzene	7.239	146	1077857	40.696	ng	97
13) 1,4-Dichlorobenzene	7.387	146	1088451	40.590	ng	99
14) 1,2-Dichlorobenzene	7.692	146	1052367	41.593	ng	98
15) Benzyl Alcohol	7.610	79	852258	42.528	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1134045	36.730	ng	99
17) 2-Methylphenol	7.816	107	770898	41.127	ng	98
18) Hexachloroethane	8.398	117	411153	39.582	ng	94
19) n-Nitroso-di-n-propyla...	8.169	70	686657	36.203	ng	97
20) 3+4-Methylphenols	8.145	107	1050668	40.094	ng	98
22) Acetophenone	8.175	105	1242390	38.050	ng	# 98
24) Nitrobenzene	8.545	77	1036134	38.304	ng	95
25) Isophorone	9.069	82	1945454	41.593	ng	97
26) 2-Nitrophenol	9.245	139	563149	47.009	ng	94
27) 2,4-Dimethylphenol	9.328	122	688520	49.066	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1214324	41.260	ng	98
29) 2,4-Dichlorophenol	9.780	162	1010401	48.527	ng	98
30) 1,2,4-Trichlorobenzene	9.975	180	1057409	44.876	ng	100
31) Naphthalene	10.157	128	2778840	41.238	ng	100
32) Benzoic acid	9.539	122	694376	42.591	ng	97
33) 4-Chloroaniline	10.286	127	701122	27.056	ng	99
34) Hexachlorobutadiene	10.439	225	651221	47.218	ng	100
35) Caprolactam	11.110	113	250039	34.580	ng	94
36) 4-Chloro-3-methylphenol	11.445	107	966295	43.577	ng	99
37) 2-Methylnaphthalene	11.780	142	2023765	42.181	ng	99
38) 1-Methylnaphthalene	12.010	142	1883551	39.723	ng	98
40) 1,2,4,5-Tetrachloroben...	12.169	216	1064608	44.370	ng	98
41) Hexachlorocyclopentadiene	12.139	237	955333	114.023	ng	98
43) 2,4,6-Trichlorophenol	12.427	196	830674	48.708	ng	98

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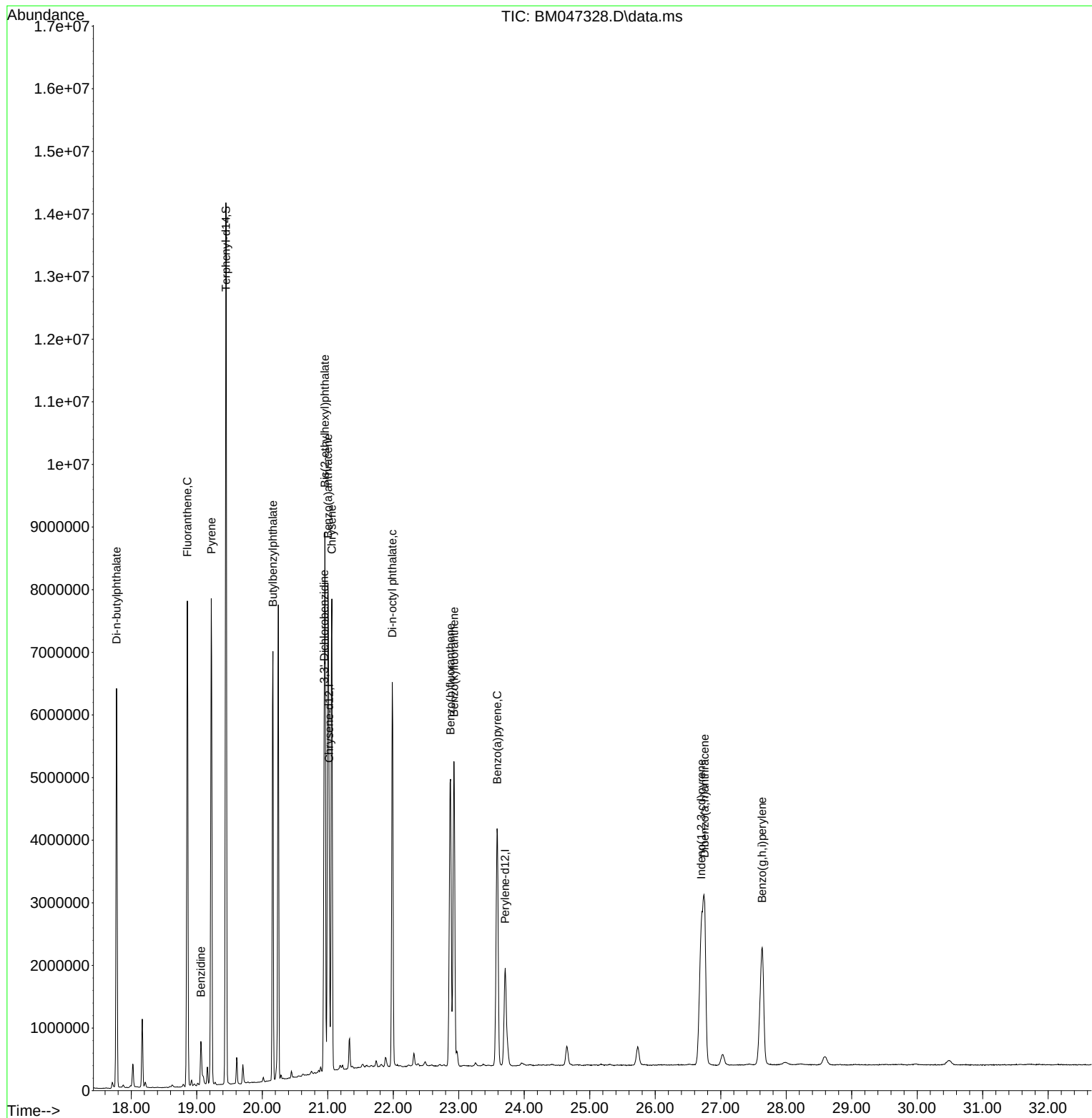
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	836985	44.202	ng	97
46) 1,1'-Biphenyl	12.833	154	2435951	38.896	ng	98
47) 2-Chloronaphthalene	12.869	162	2026920	41.408	ng	98
48) 2-Nitroaniline	13.098	65	624270	40.709	ng	96
49) Acenaphthylene	13.727	152	3273336	45.367	ng	100
50) Dimethylphthalate	13.498	163	2684161	43.688	ng	100
51) 2,6-Dinitrotoluene	13.616	165	615604	42.863	ng	89
52) Acenaphthene	14.080	154	1891212	41.321	ng	99
53) 3-Nitroaniline	13.951	138	476177	33.087	ng	97
54) 2,4-Dinitrophenol	14.168	184	808968	93.980	ng	91
55) Dibenzofuran	14.421	168	3097346	42.844	ng	98
56) 4-Nitrophenol	14.304	139	955892	77.027	ng	96
57) 2,4-Dinitrotoluene	14.421	165	808147	42.157	ng #	97
58) Fluorene	15.074	166	2487119	41.695	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	752040	48.325	ng	93
60) Diethylphthalate	14.880	149	2622939	41.807	ng	98
61) 4-Chlorophenyl-phenyle...	15.080	204	1269542	44.705	ng	93
62) 4-Nitroaniline	15.127	138	534393	37.692	ng	98
63) Azobenzene	15.374	77	2339746	39.332	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	528705	49.384	ng	88
66) n-Nitrosodiphenylamine	15.304	169	2206707	44.306	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	833356	47.295	ng	95
68) Hexachlorobenzene	16.086	284	943355	44.702	ng	94
69) Atrazine	16.280	200	692435	46.201	ng	97
70) Pentachlorophenol	16.439	266	1244787	84.147	ng	98
71) Phenanthrene	16.821	178	3955409	43.102	ng	100
72) Anthracene	16.909	178	3959374	44.342	ng	100
73) Carbazole	17.198	167	3776808	41.426	ng	99
74) Di-n-butylphthalate	17.774	149	4623119	43.580	ng	100
75) Fluoranthene	18.856	202	4701627	42.121	ng	99
77) Benzidine	19.062	184	542964	21.916	ng	99
78) Pyrene	19.221	202	4832853	46.330	ng	100
80) Butylbenzylphthalate	20.162	149	2077397	48.799	ng	93
81) Benzo(a)anthracene	21.003	228	4348696	44.839	ng	99
82) 3,3'-Dichlorobenzidine	20.944	252	1282498	42.265	ng	99
83) Chrysene	21.062	228	4027164	43.766	ng	100
84) Bis(2-ethylhexyl)phtha...	20.956	149	2869944	47.538	ng	99
85) Di-n-octyl phthalate	21.986	149	4976430	48.496	ng	97
87) Indeno(1,2,3-cd)pyrene	26.703	276	4043944	45.438	ng	98
88) Benzo(b)fluoranthene	22.874	252	4031798	49.308	ng	99
89) Benzo(k)fluoranthene	22.927	252	3947676	51.113	ng	99
90) Benzo(a)pyrene	23.585	252	3604243	50.884	ng	98
91) Dibenzo(a,h)anthracene	26.756	278	3258378	45.240	ng	99
92) Benzo(g,h,i)perylene	27.632	276	3187708	42.628	ng	99

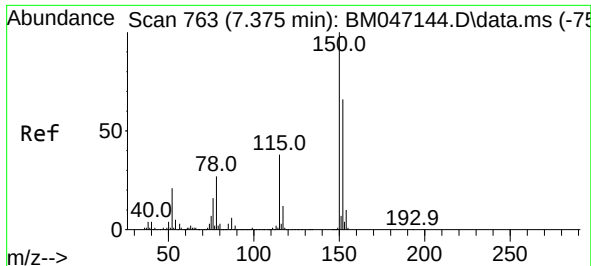
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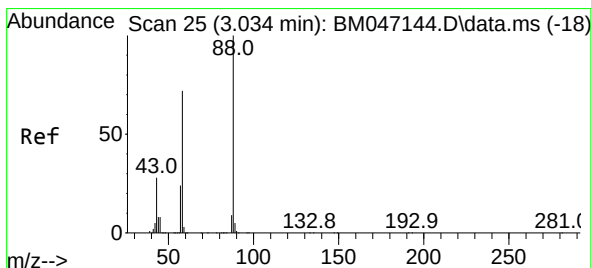
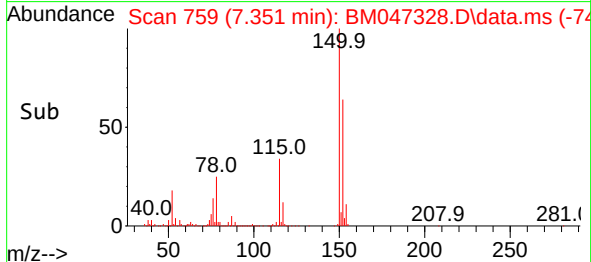
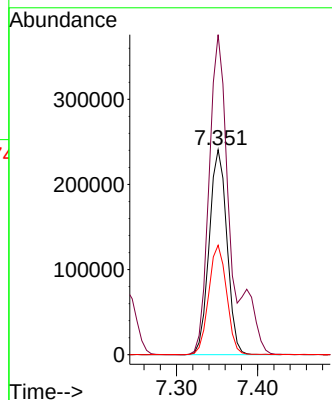
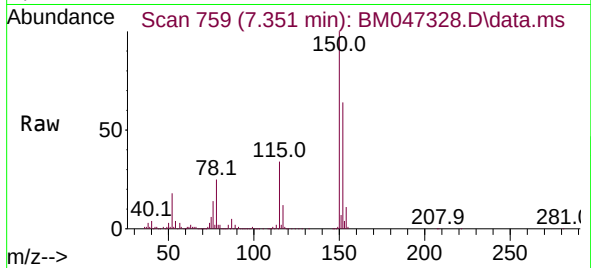




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.351 min Scan# 7
 Delta R.T. -0.024 min
 Lab File: BM047328.D
 Acq: 23 Aug 2024 11:28

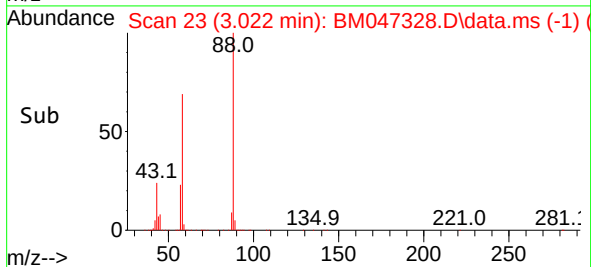
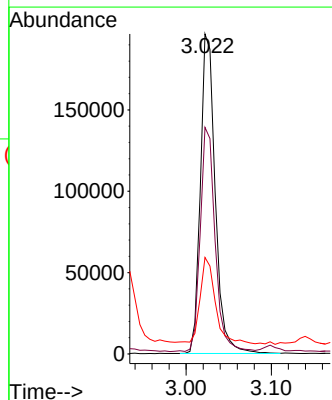
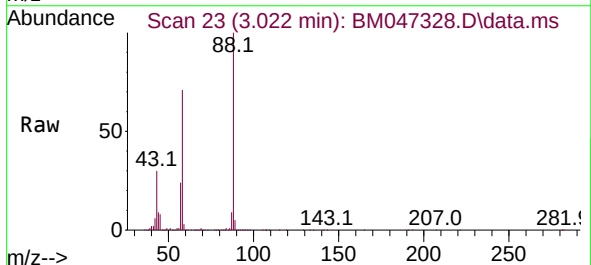
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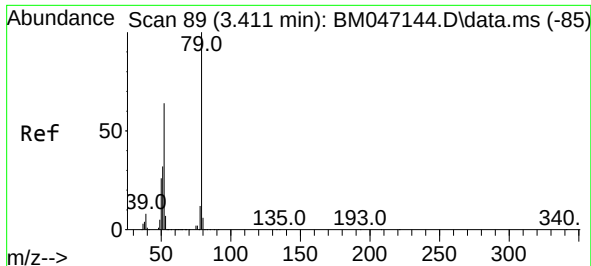
Tgt Ion:152 Resp: 365144
 Ion Ratio Lower Upper
 152 100
 150 156.1 120.5 180.7
 115 53.4 45.5 68.3



#2
 1,4-Dioxane
 Concen: 28.068 ng
 RT: 3.022 min Scan# 23
 Delta R.T. -0.012 min
 Lab File: BM047328.D
 Acq: 23 Aug 2024 11:28

Tgt Ion: 88 Resp: 237655
 Ion Ratio Lower Upper
 88 100
 58 70.3 58.2 87.4
 43 27.6 22.5 33.7

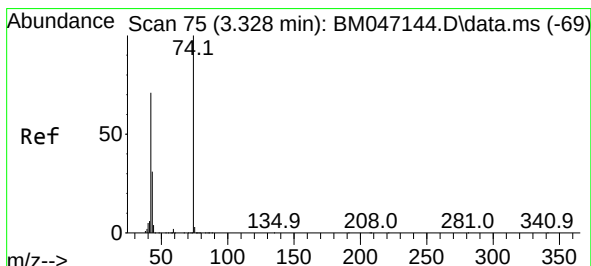
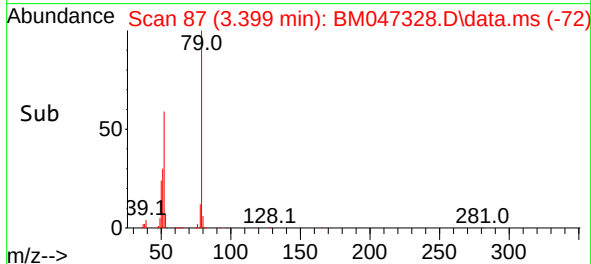
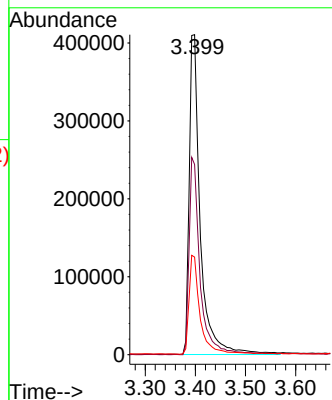
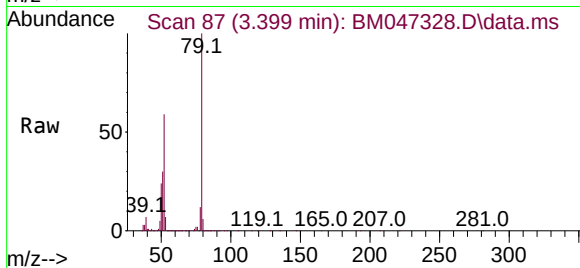




#3
Pyridine
Concen: 25.438 ng
RT: 3.399 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

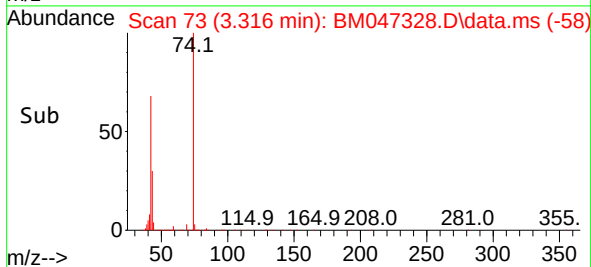
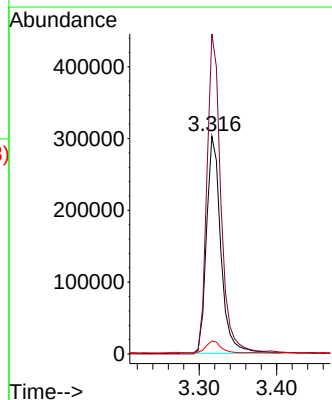
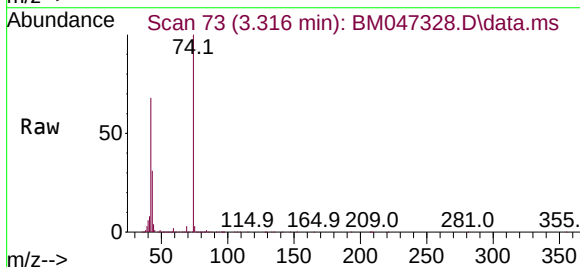
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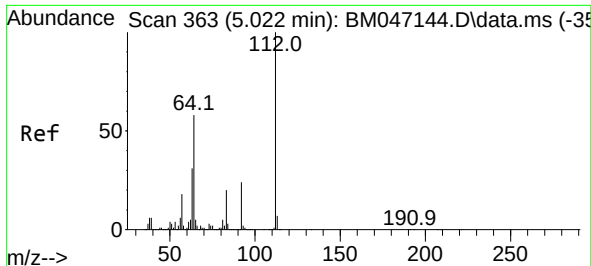
Tgt Ion: 79 Resp: 631590
Ion Ratio Lower Upper
79 100
52 59.5 51.2 76.8
51 30.5 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 35.744 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 42 Resp: 387735
Ion Ratio Lower Upper
42 100
74 147.1 112.9 169.3
44 6.0 5.3 7.9

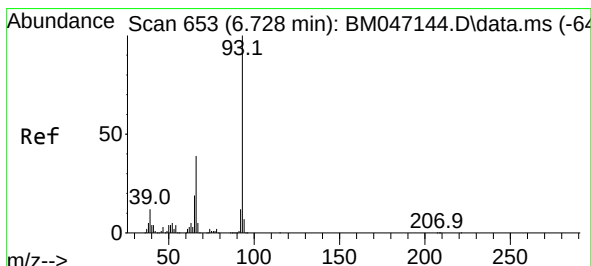
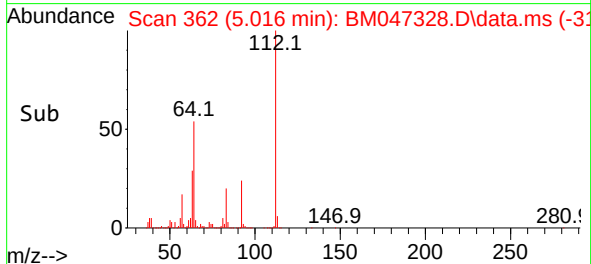
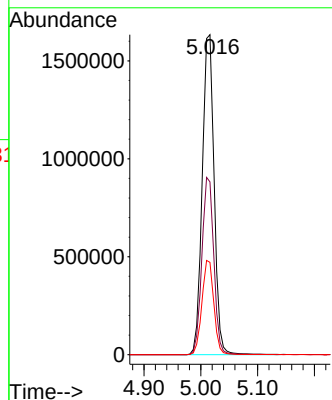
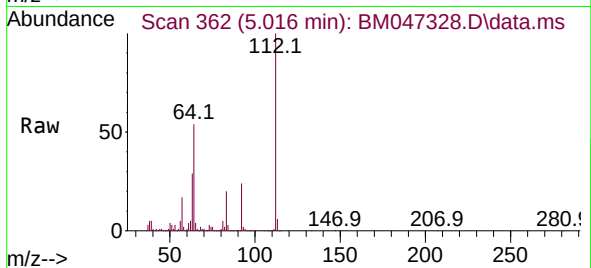




#5
2-Fluorophenol
Concen: 116.414 ng
RT: 5.016 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

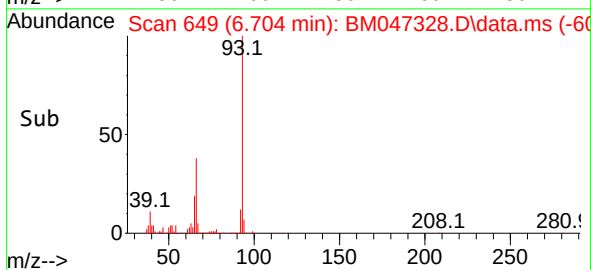
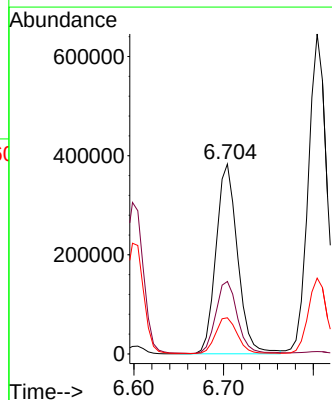
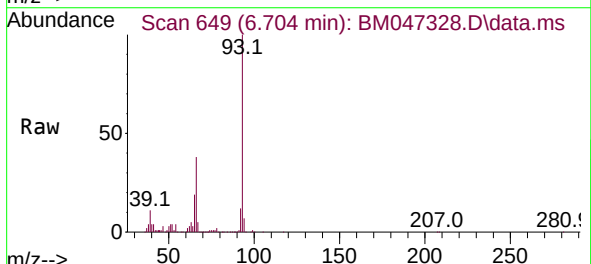
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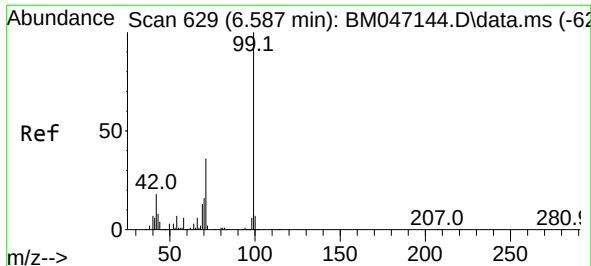
Tgt Ion:112 Resp: 2378942
Ion Ratio Lower Upper
112 100
64 54.0 46.7 70.1
63 28.8 24.8 37.2



#6
Aniline
Concen: 24.044 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 93 Resp: 639917
Ion Ratio Lower Upper
93 100
66 38.2 31.4 47.2
65 19.1 15.6 23.4

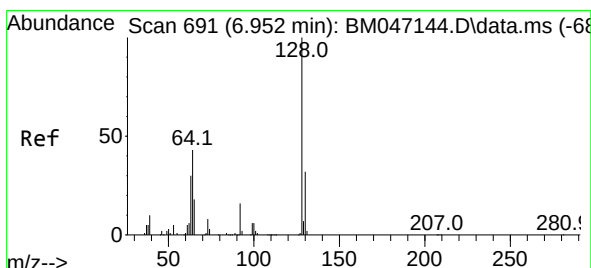
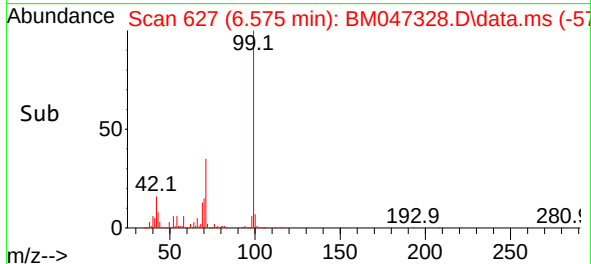
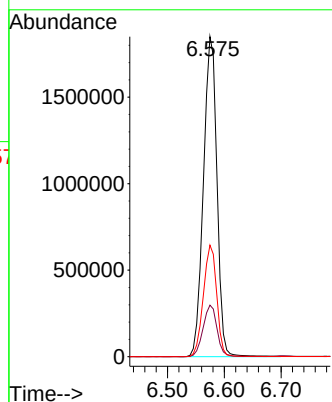
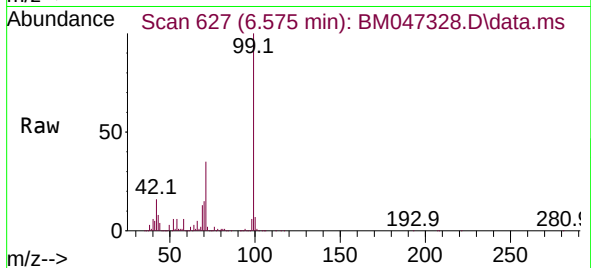




#7
Phenol-d6
Concen: 108.524 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

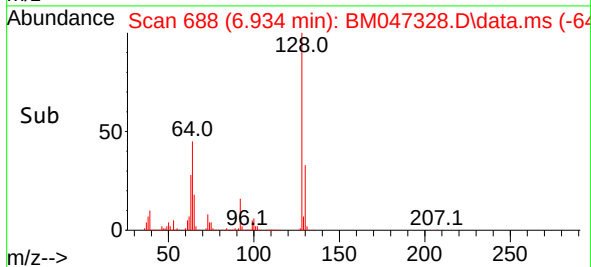
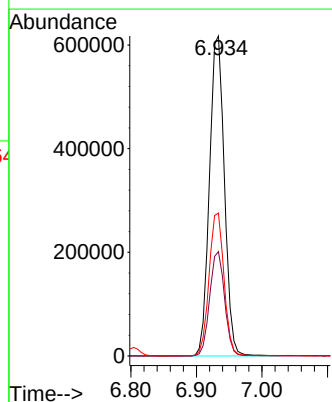
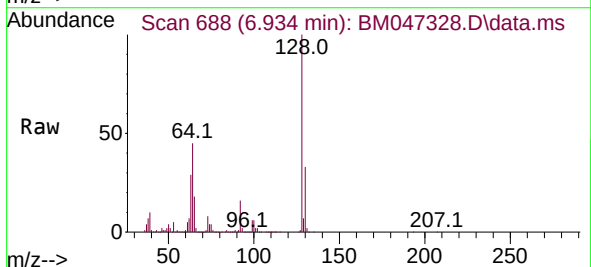
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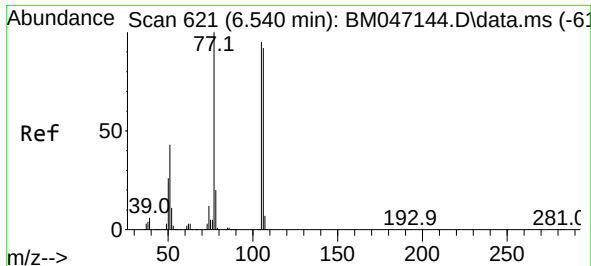
Tgt Ion: 99 Resp: 3055804
Ion Ratio Lower Upper
99 100
42 16.1 14.1 21.1
71 34.9 28.5 42.7



#8
2-Chlorophenol
Concen: 44.036 ng
RT: 6.934 min Scan# 688
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 128 Resp: 981488
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 44.6 26.6 66.6

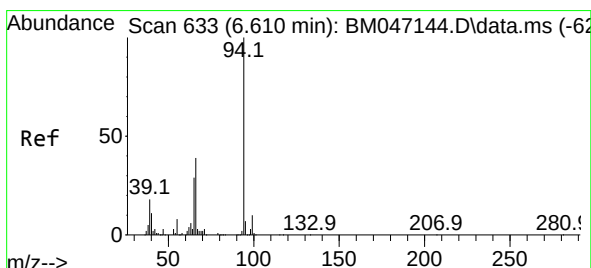
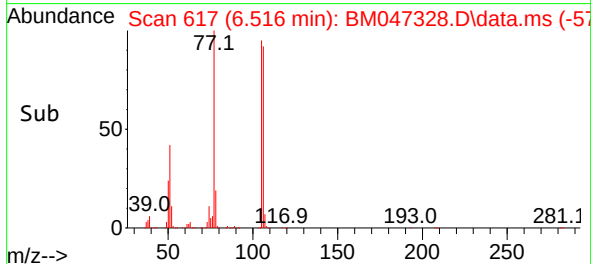
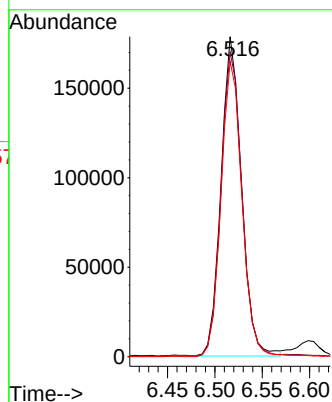
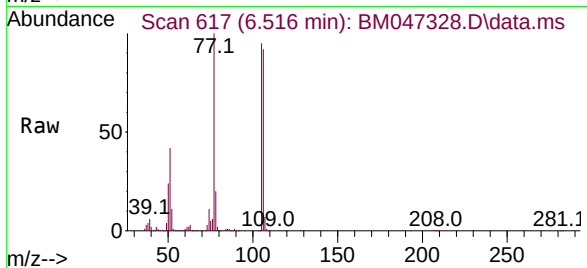




#9
Benzaldehyde
Concen: 14.162 ng
RT: 6.516 min Scan# 617
Delta R.T. -0.024 min
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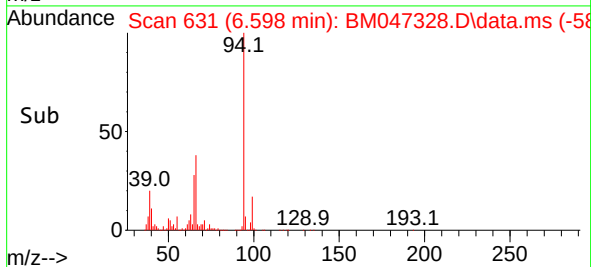
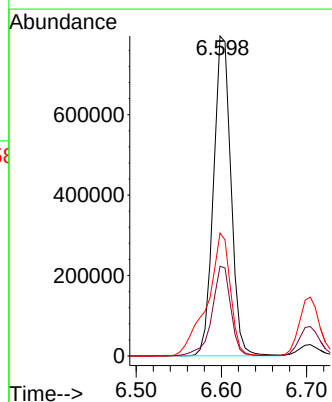
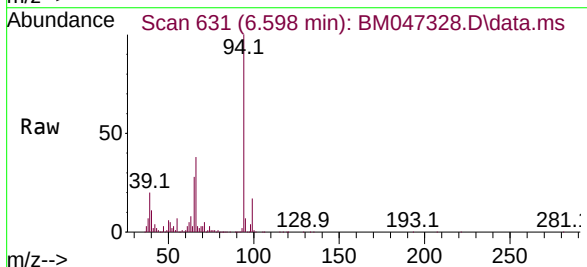
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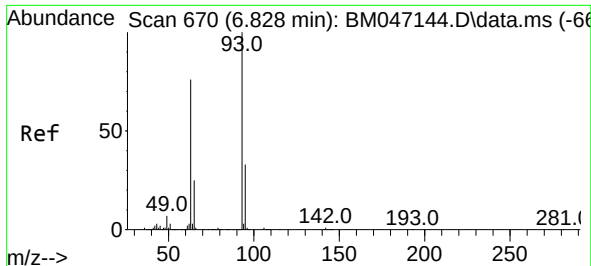
Tgt Ion: 77 Resp: 268657
Ion Ratio Lower Upper
77 100
105 95.2 74.5 114.5
106 92.3 72.3 112.3



#10
Phenol
Concen: 40.315 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.012 min
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Tgt Ion: 94 Resp: 1132721
Ion Ratio Lower Upper
94 100
65 28.1 9.0 49.0
66 38.4 18.9 58.9

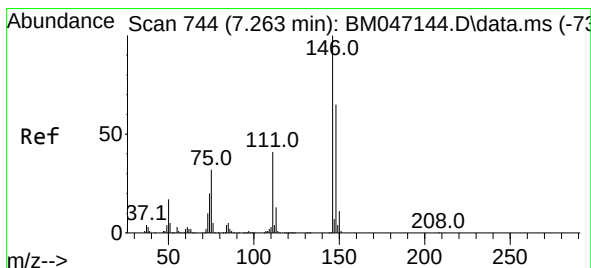
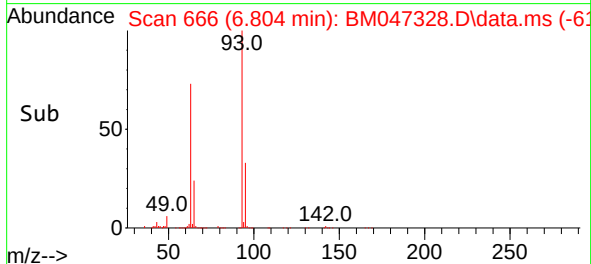
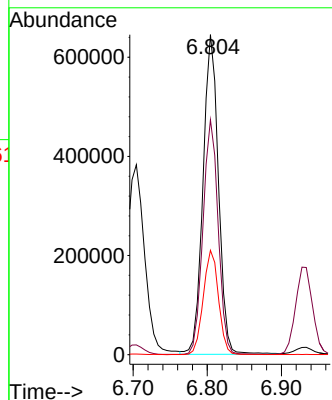
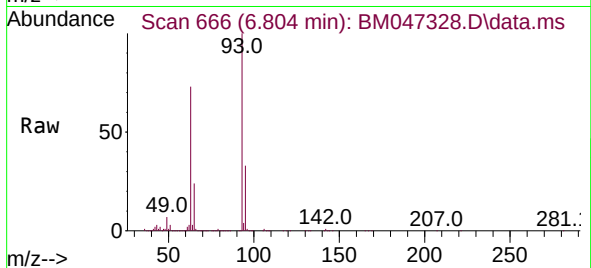




#11
bis(2-Chloroethyl)ether
Concen: 38.852 ng
RT: 6.804 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

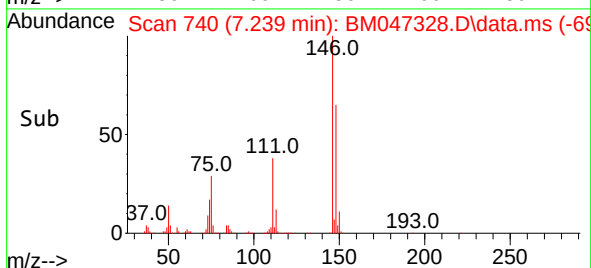
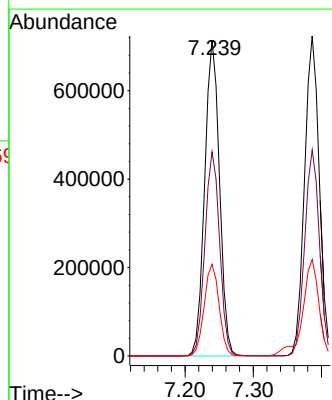
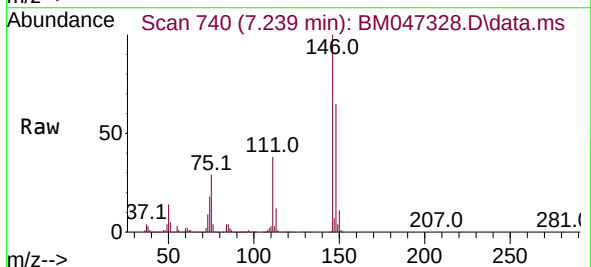
Instrument :
BNA_M
ClientSampleId :
PB162815BS

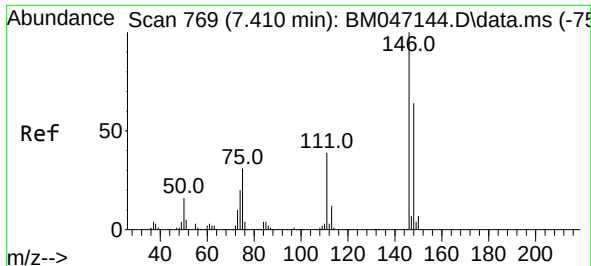
Tgt Ion: 93 Resp: 934818
Ion Ratio Lower Upper
93 100
63 73.4 55.8 95.8
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.696 ng
RT: 7.239 min Scan# 740
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 146 Resp: 1077857
Ion Ratio Lower Upper
146 100
148 64.6 52.3 78.5
75 29.0 25.8 38.6

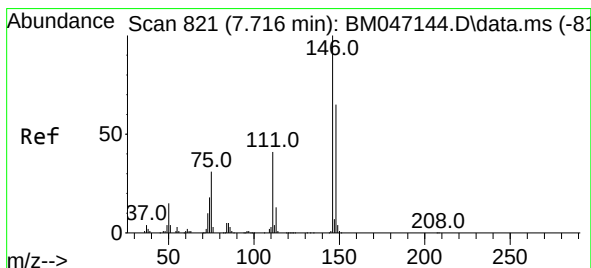
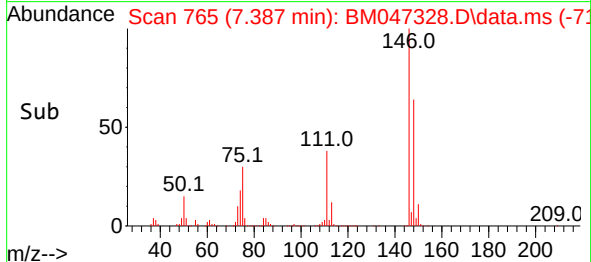
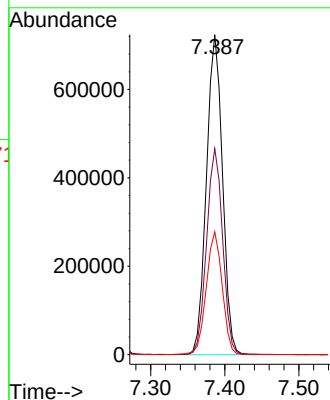
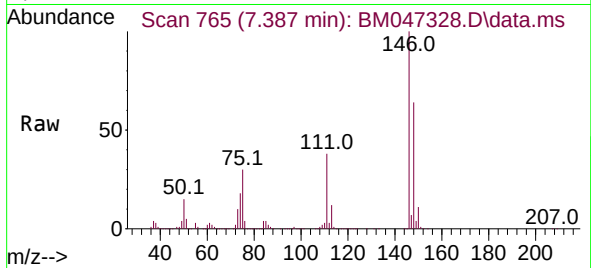




#13
1,4-Dichlorobenzene
Concen: 40.590 ng
RT: 7.387 min Scan# 70
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

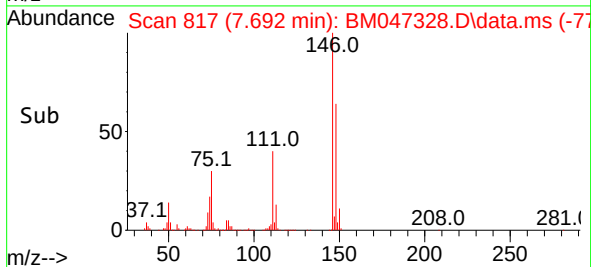
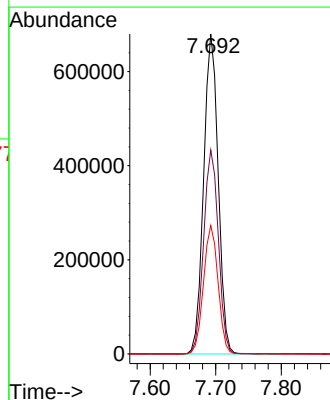
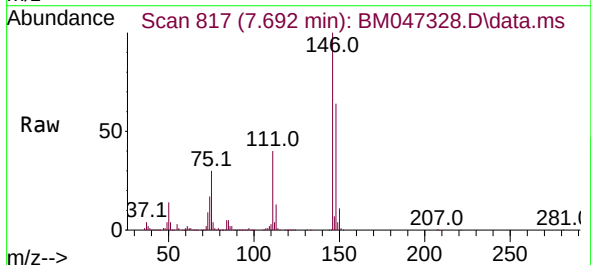
Instrument :
BNA_M
ClientSampleId :
PB162815BS

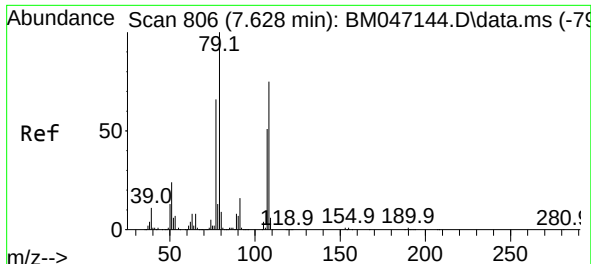
Tgt Ion:146 Resp: 1088451
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 38.4 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 41.593 ng
RT: 7.692 min Scan# 817
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:146 Resp: 1052367
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
111 40.1 33.3 49.9

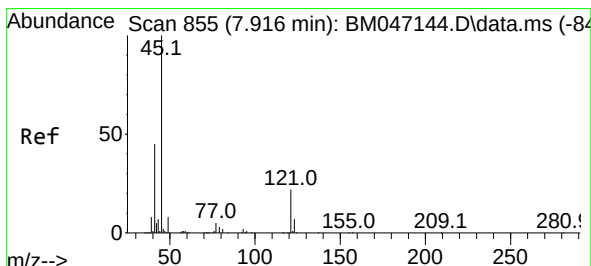
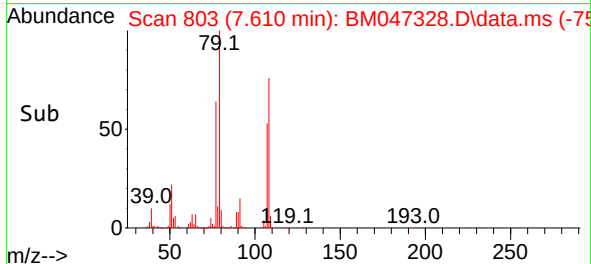
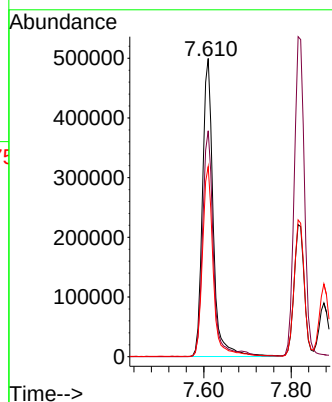
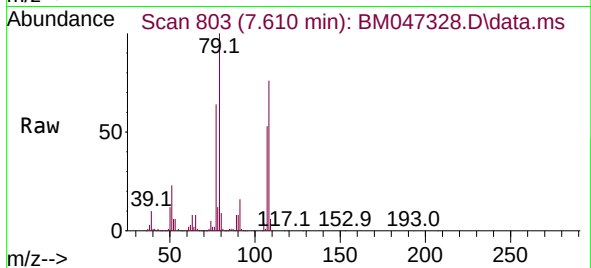




#15
Benzyl Alcohol
Concen: 42.528 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

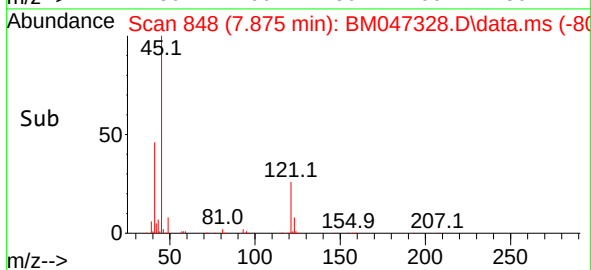
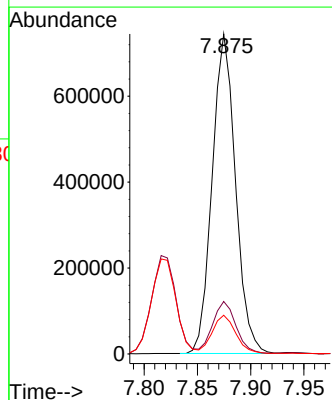
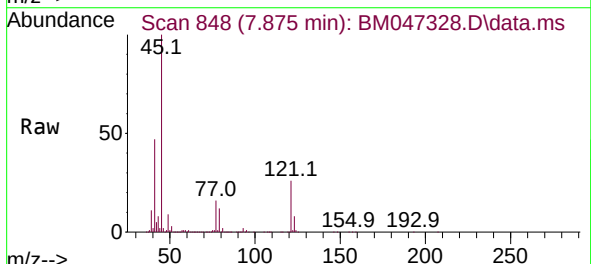
Instrument :
BNA_M
ClientSampleId :
PB162815BS

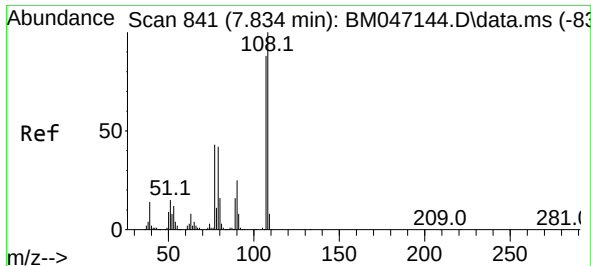
Tgt Ion: 79 Resp: 852258
Ion Ratio Lower Upper
79 100
108 75.8 59.7 89.5
77 63.7 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.730 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.041 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 45 Resp: 1134045
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 12.1 0.0 32.4



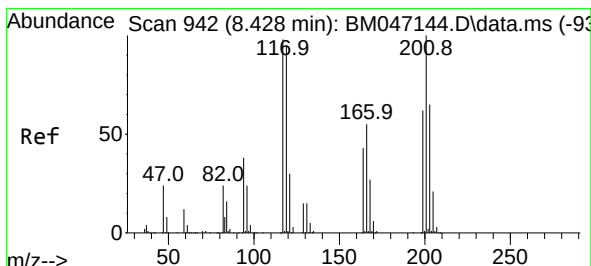
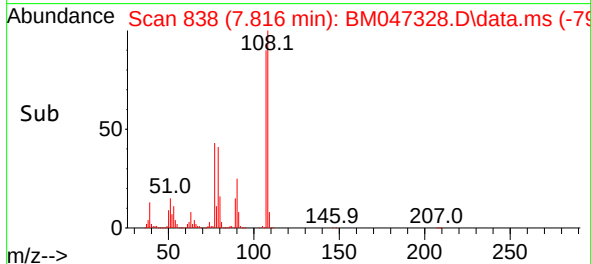
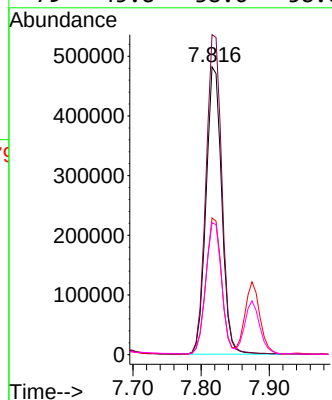
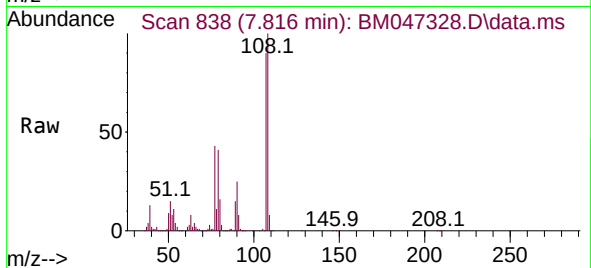


#17
2-Methylphenol
Concen: 41.127 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Instrument :
BNA_M
ClientSampleId :
PB162815BS

Tgt Ion:107 Resp: 770898

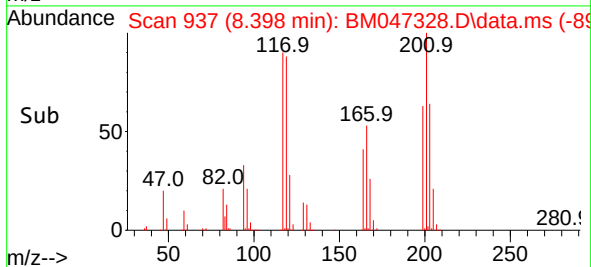
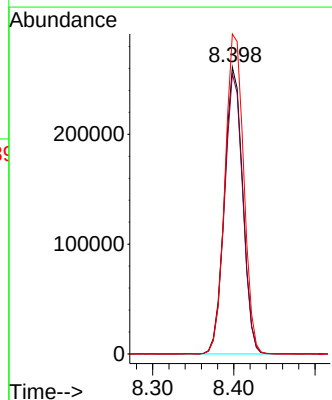
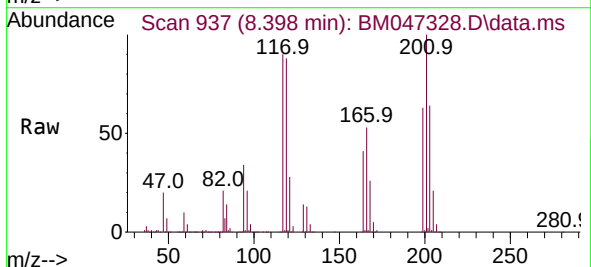
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.6	135.8
77	47.5	39.3	58.9
79	45.8	38.6	58.0

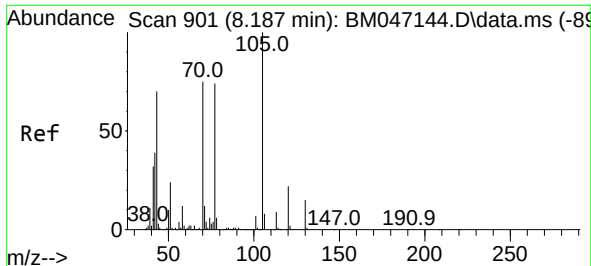


#18
Hexachloroethane
Concen: 39.582 ng
RT: 8.398 min Scan# 937
Delta R.T. -0.030 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:117 Resp: 411153

Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.0	115.4
201	111.6	81.3	121.9

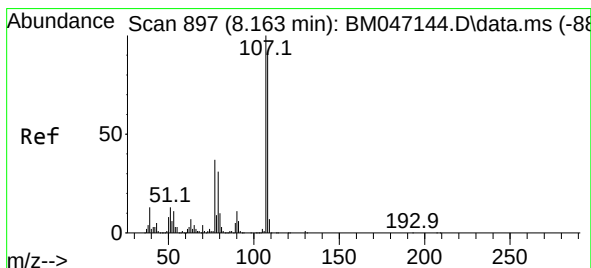
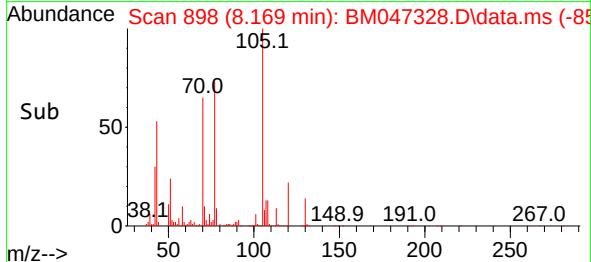
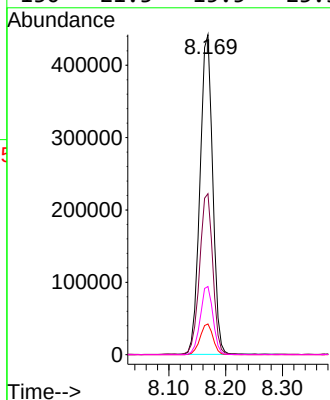
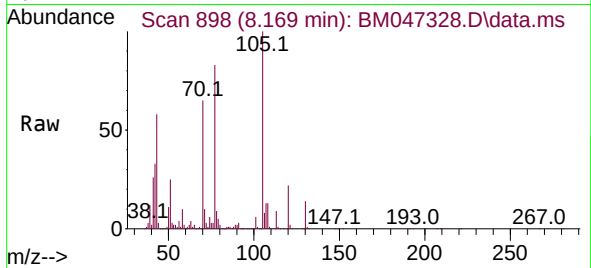




#19
n-Nitroso-di-n-propylamine
Concen: 36.203 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

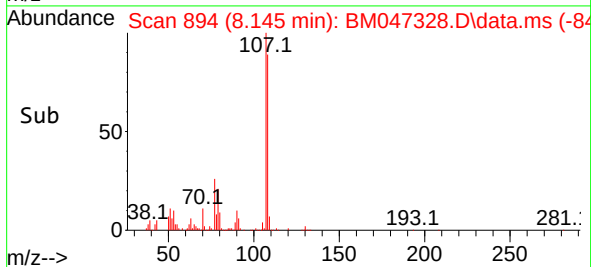
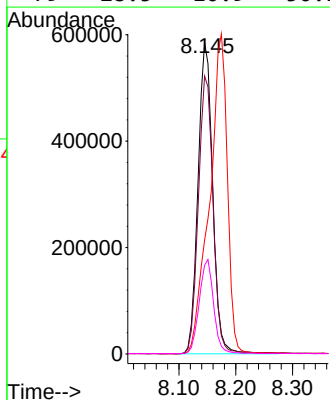
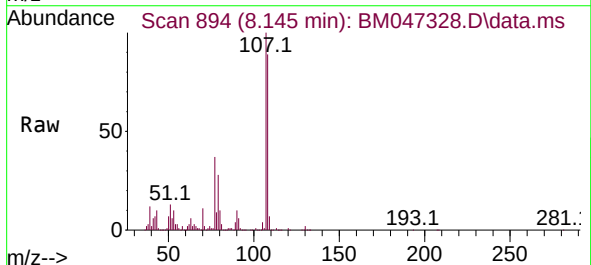
Instrument :
BNA_M
ClientSampleId :
PB162815BS

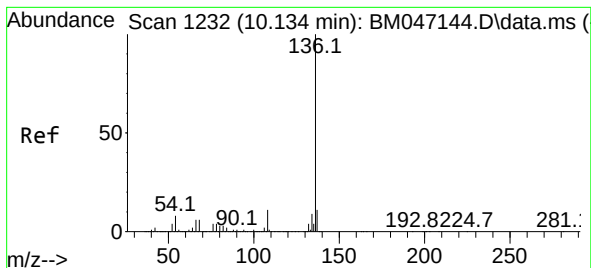
Tgt Ion: 70 Resp: 686657
Ion Ratio Lower Upper
70 100
42 50.3 42.0 63.0
101 9.6 7.2 10.8
130 21.3 15.5 23.3



#20
3+4-Methylphenols
Concen: 40.094 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 107 Resp: 1050668
Ion Ratio Lower Upper
107 100
108 89.3 70.7 110.7
77 36.6 17.4 57.4
79 28.5 10.9 50.9

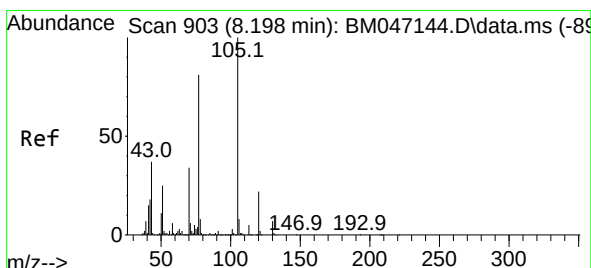
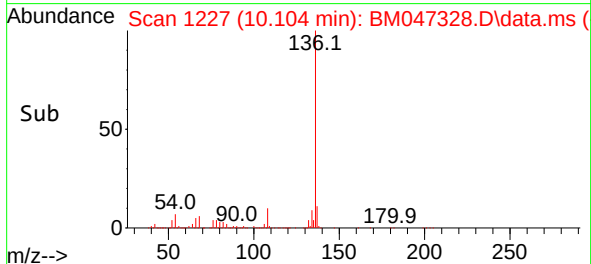
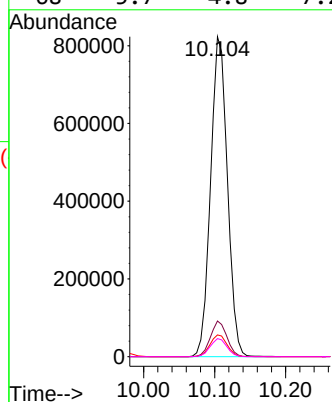
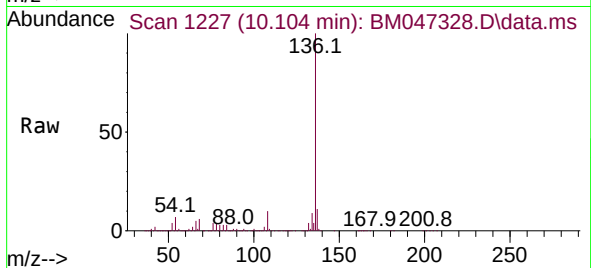




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.030 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

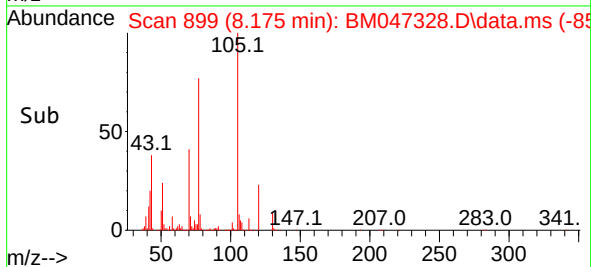
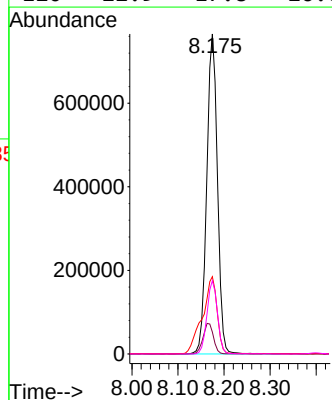
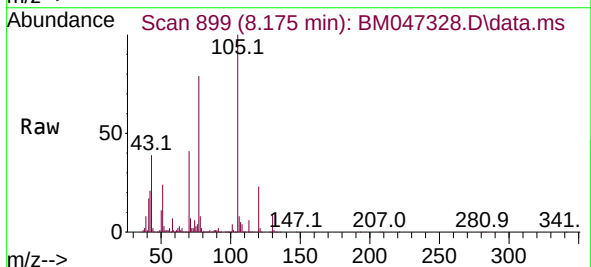
Instrument :
BNA_M
ClientSampleId :
PB162815BS

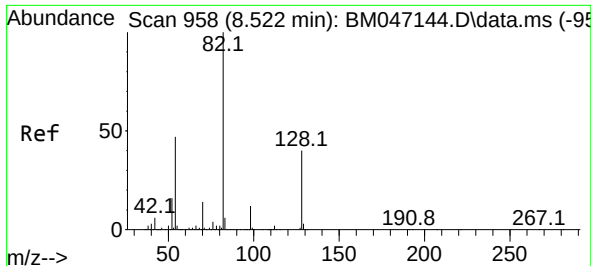
Tgt Ion:136 Resp: 1352668
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.8 6.0 9.0
68 5.7 4.8 7.2



#22
Acetophenone
Concen: 38.050 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:105 Resp: 1242390
Ion Ratio Lower Upper
105 100
71 6.9 4.5 6.7#
51 24.2 20.1 30.1
120 22.9 17.8 26.6

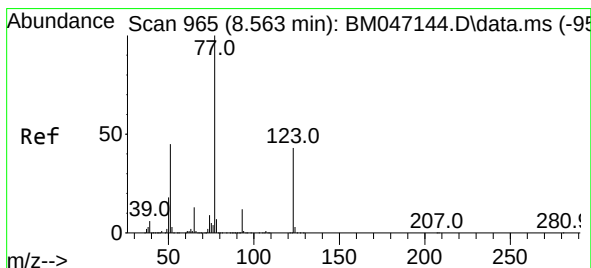
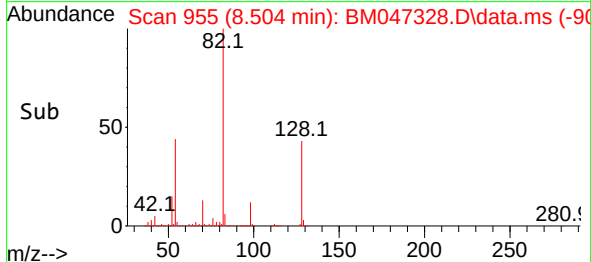
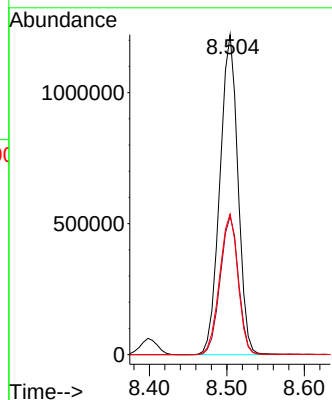
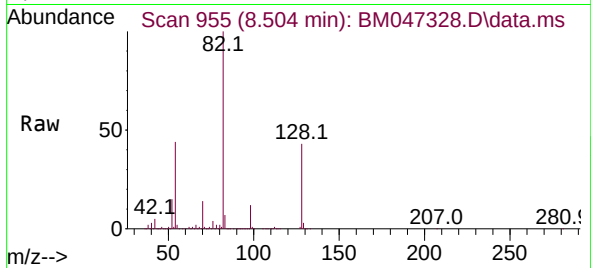




#23
Nitrobenzene-d5
Concen: 73.796 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

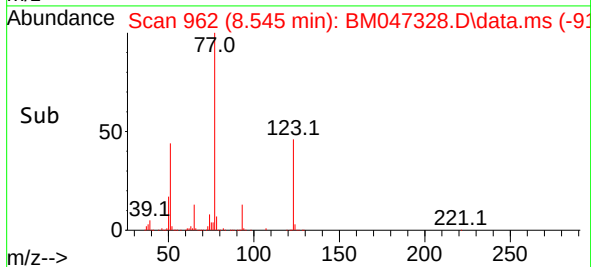
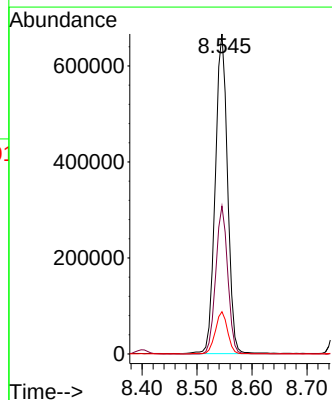
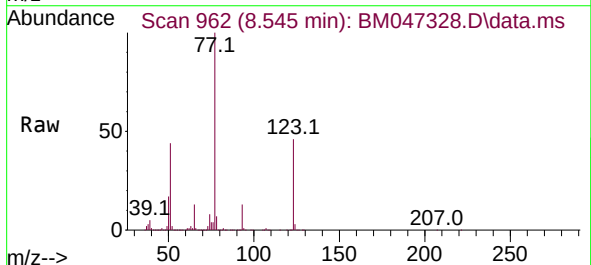
Instrument :
BNA_M
ClientSampleId :
PB162815BS

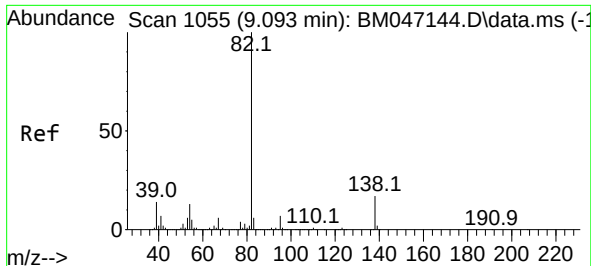
Tgt Ion: 82 Resp: 1982436
Ion Ratio Lower Upper
82 100
128 43.3 32.3 48.5
54 44.0 37.4 56.2



#24
Nitrobenzene
Concen: 38.304 ng
RT: 8.545 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 77 Resp: 1036134
Ion Ratio Lower Upper
77 100
123 46.2 34.0 51.0
65 13.2 10.5 15.7

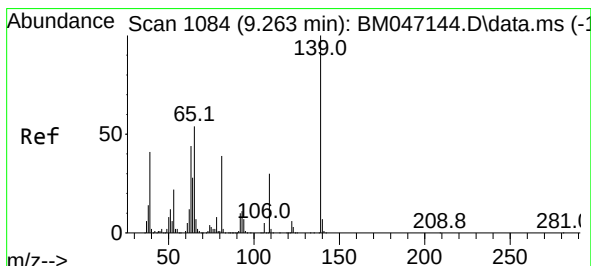
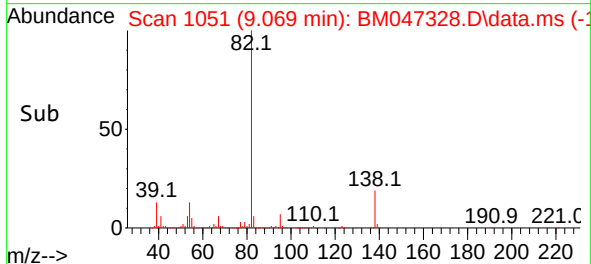
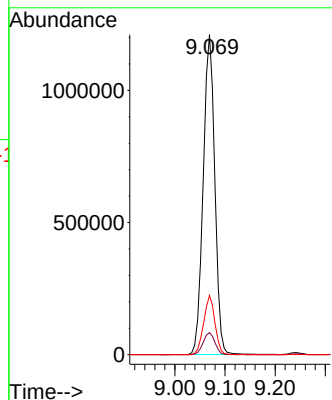
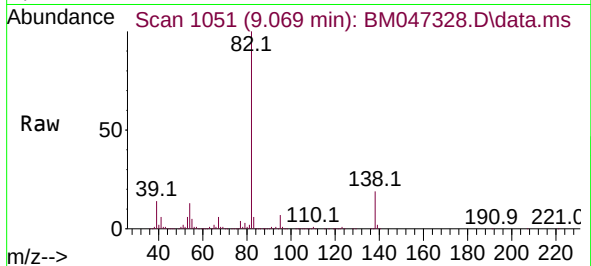




#25
Isophorone
Concen: 41.593 ng
RT: 9.069 min Scan# 1051
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

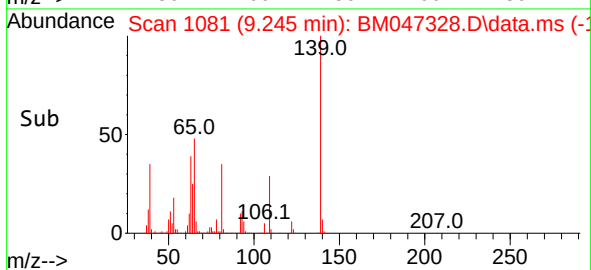
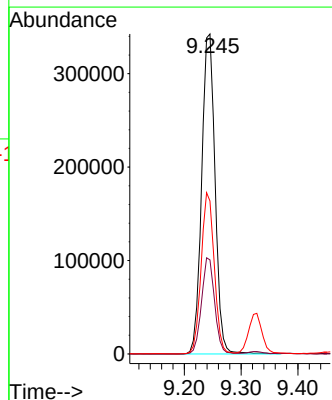
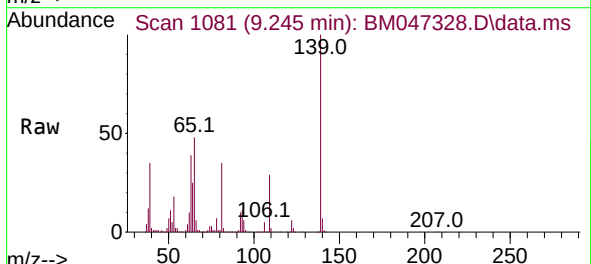
Instrument :
BNA_M
ClientSampleId :
PB162815BS

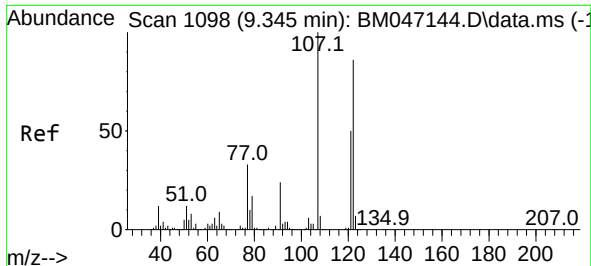
Tgt Ion: 82 Resp: 1945454
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.5 13.5 20.3



#26
2-Nitrophenol
Concen: 47.009 ng
RT: 9.245 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:139 Resp: 563149
Ion Ratio Lower Upper
139 100
109 29.4 24.4 36.6
65 47.8 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 49.066 ng

RT: 9.328 min Scan# 1109

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

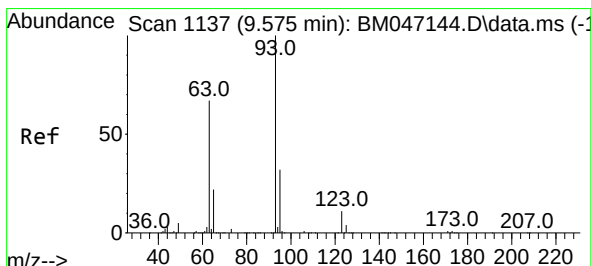
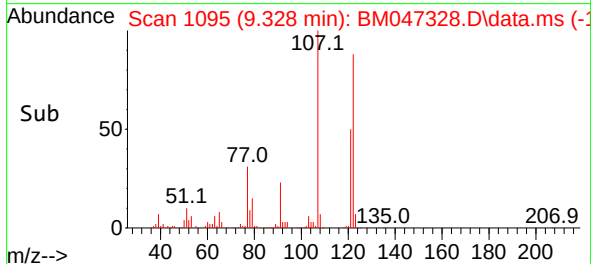
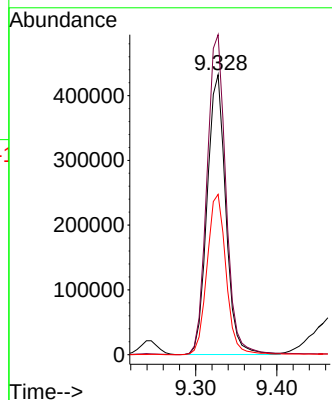
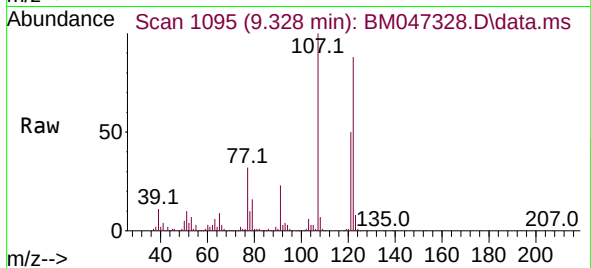
Tgt Ion:122 Resp: 688520

Ion Ratio Lower Upper

122 100

107 114.3 92.8 139.2

121 57.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.260 ng

RT: 9.551 min Scan# 1133

Delta R.T. -0.024 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

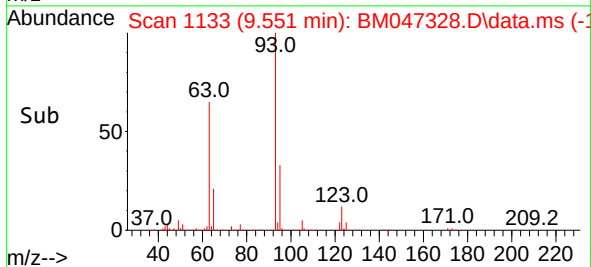
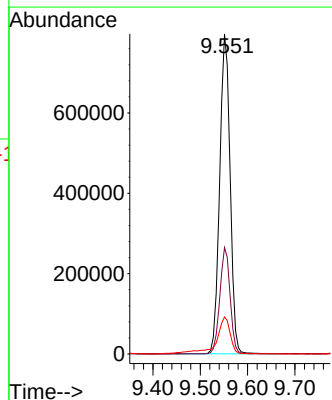
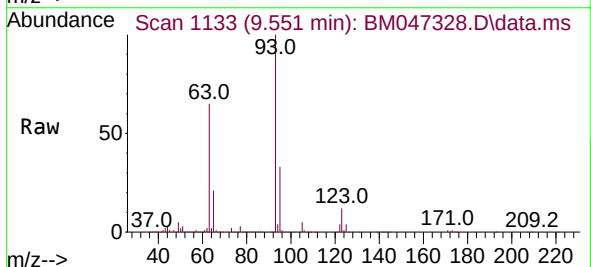
Tgt Ion: 93 Resp: 1214324

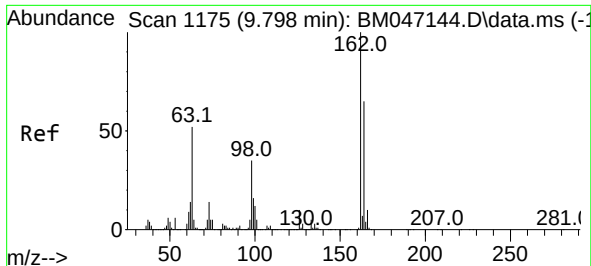
Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.527 ng

RT: 9.780 min Scan# 1175

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

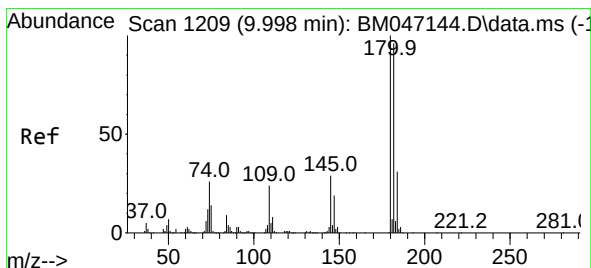
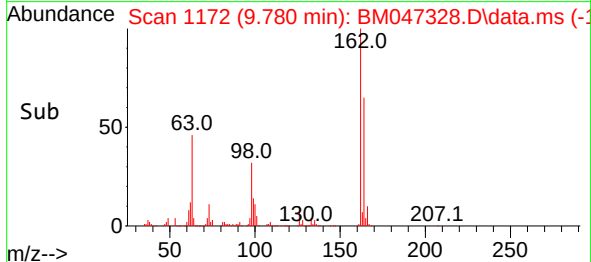
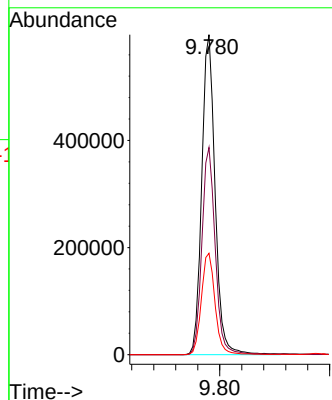
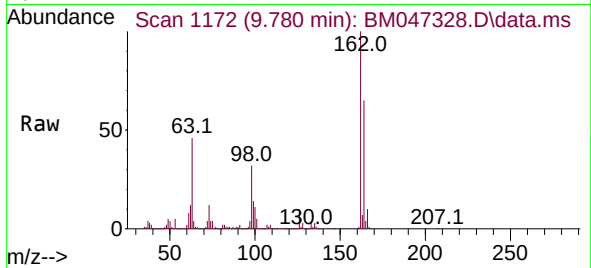
Tgt Ion:162 Resp: 1010401

Ion Ratio Lower Upper

162 100

164 64.7 44.7 84.7

98 31.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 44.876 ng

RT: 9.975 min Scan# 1205

Delta R.T. -0.024 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

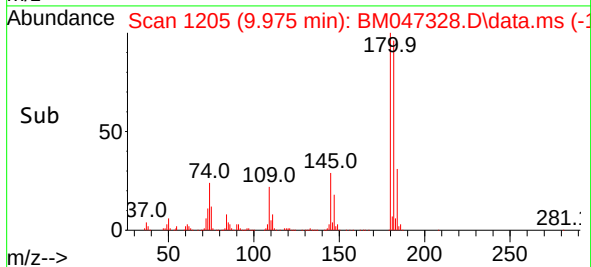
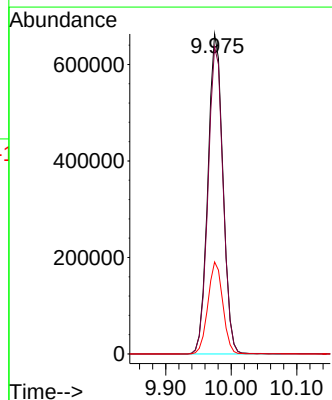
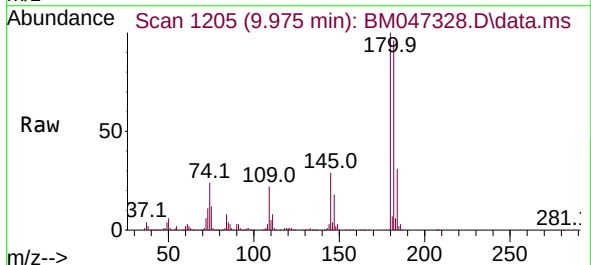
Tgt Ion:180 Resp: 1057409

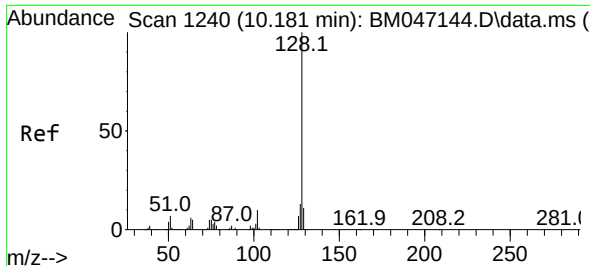
Ion Ratio Lower Upper

180 100

182 96.0 76.6 115.0

145 28.7 23.4 35.2

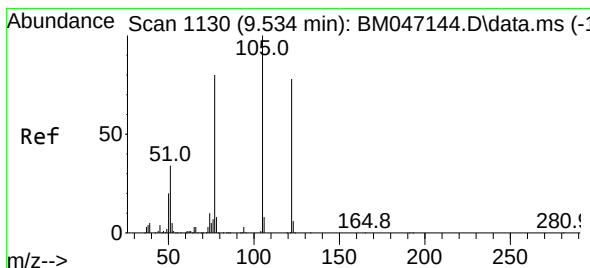
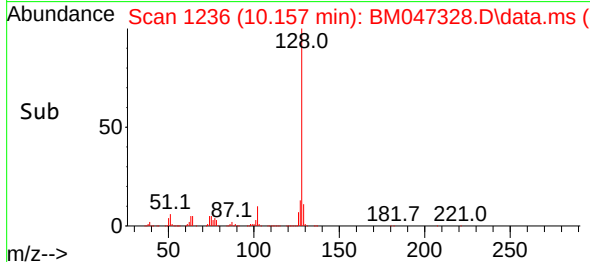
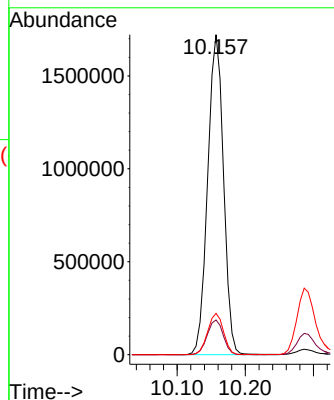
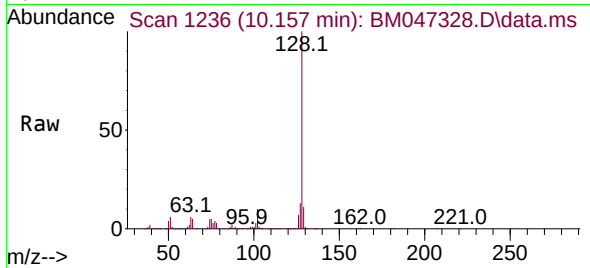




#31
Naphthalene
Concen: 41.238 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

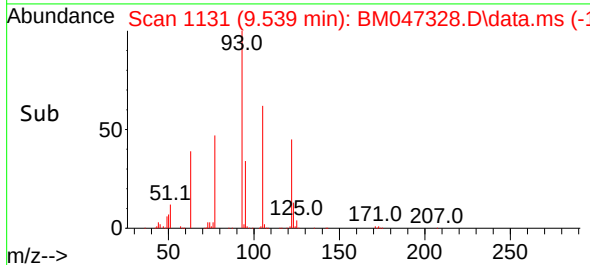
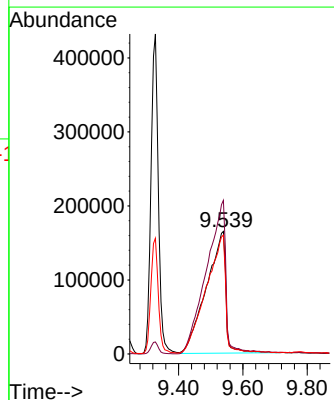
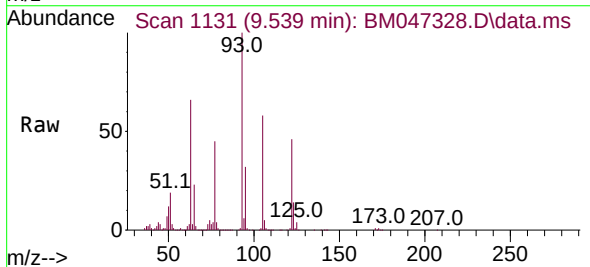
Instrument :
BNA_M
ClientSampleId :
PB162815BS

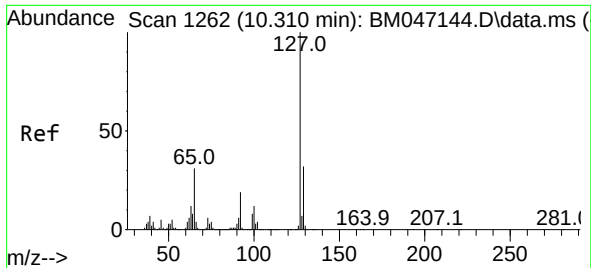
Tgt Ion:128 Resp: 2778840
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 42.591 ng
RT: 9.539 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:122 Resp: 694376
Ion Ratio Lower Upper
122 100
105 125.4 107.1 147.1
77 97.1 82.1 122.1

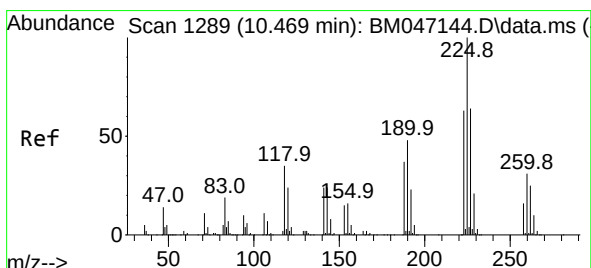
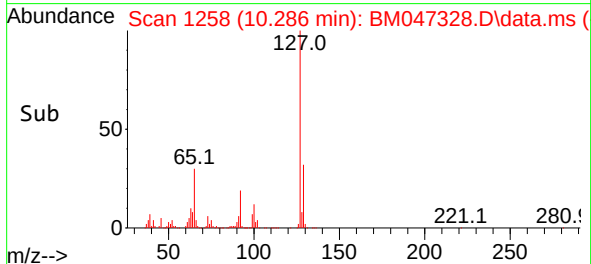
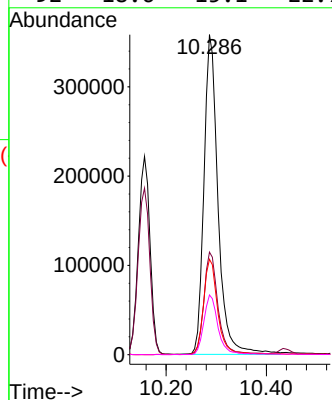
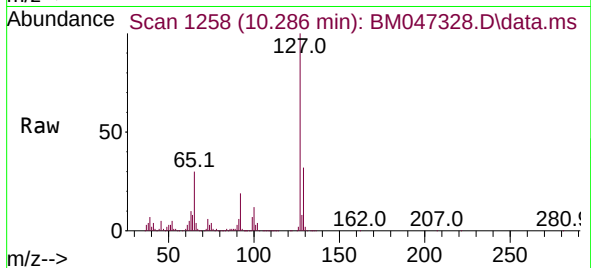




#33
4-Chloroaniline
Concen: 27.056 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

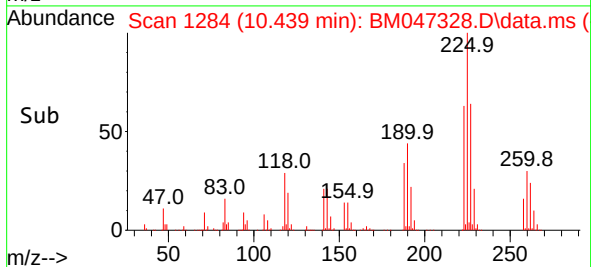
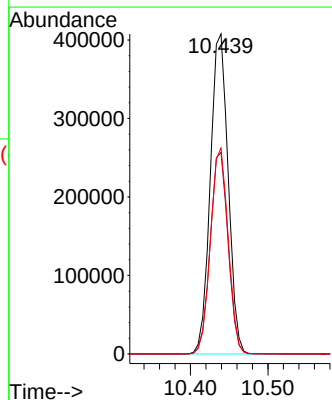
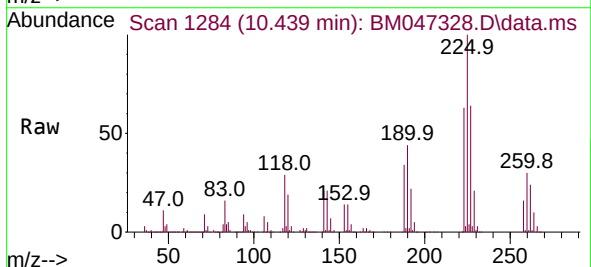
Instrument :
BNA_M
ClientSampleId :
PB162815BS

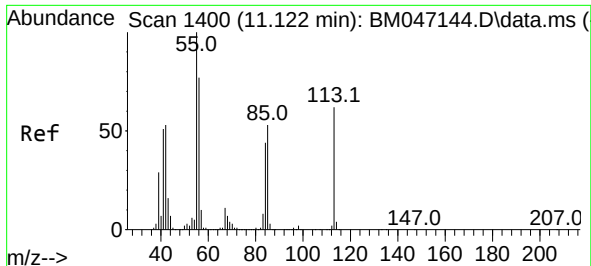
Tgt Ion:127	Resp: 701122
Ion Ratio	Lower Upper
127 100	
129 32.1	25.8 38.8
65 29.8	24.9 37.3
92 18.6	15.1 22.7



#34
Hexachlorobutadiene
Concen: 47.218 ng
RT: 10.439 min Scan# 1284
Delta R.T. -0.030 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt	Ion:225	Resp:	651221
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	64.3	51.4	77.0

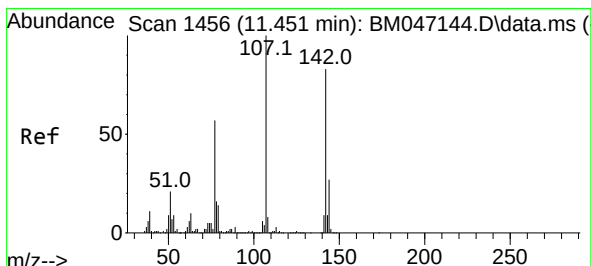
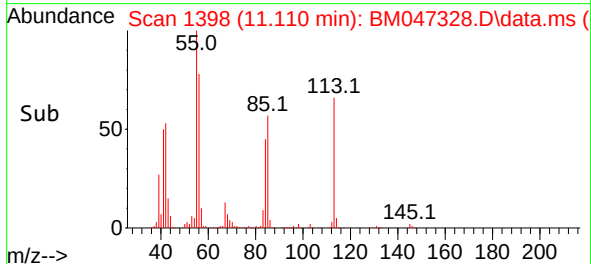
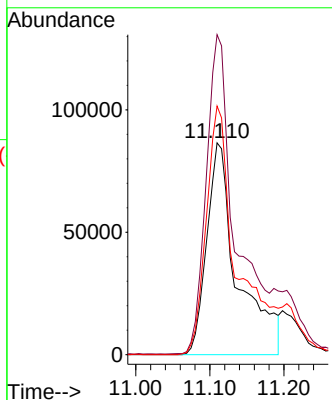
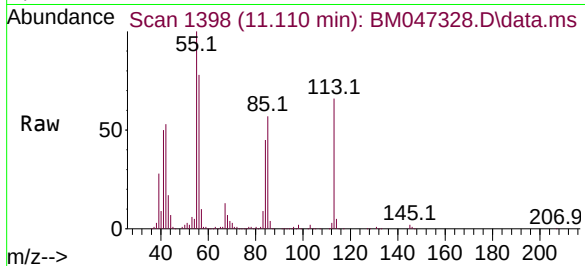




#35
 Caprolactam
 Concen: 34.580 ng
 RT: 11.110 min Scan# 1110
 Delta R.T. -0.012 min
 Lab File: BM047328.D
 Acq: 23 Aug 2024 11:28

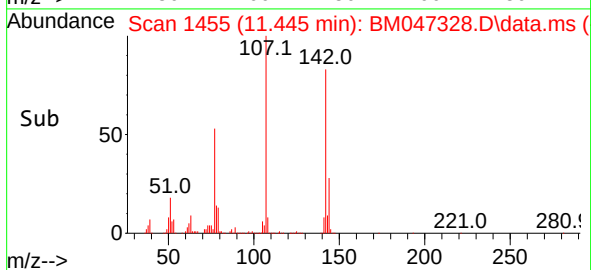
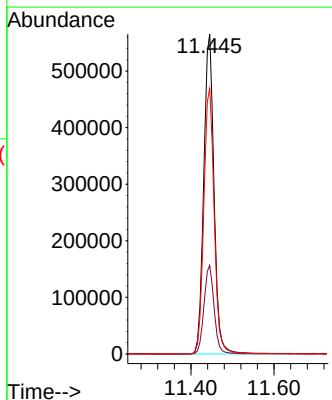
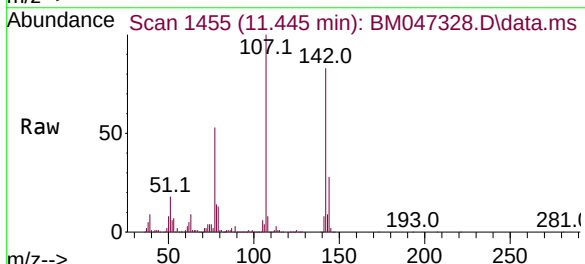
Instrument :
 BNA_M
 ClientSampleId :
 PB162815BS

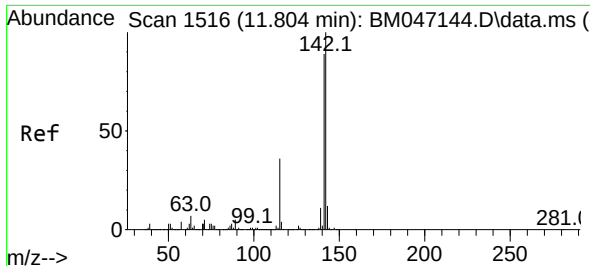
Tgt Ion:113 Resp: 250039
 Ion Ratio Lower Upper
 113 100
 55 151.0 140.5 180.5
 56 117.3 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.577 ng
 RT: 11.445 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BM047328.D
 Acq: 23 Aug 2024 11:28

Tgt Ion:107 Resp: 966295
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.8 32.6
 142 82.9 66.8 100.2

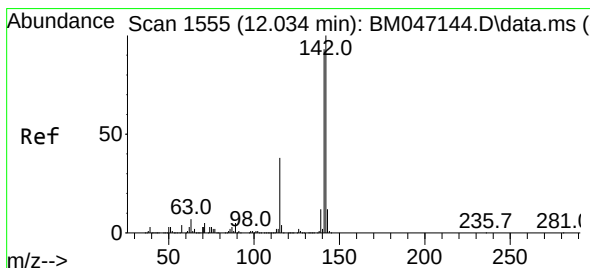
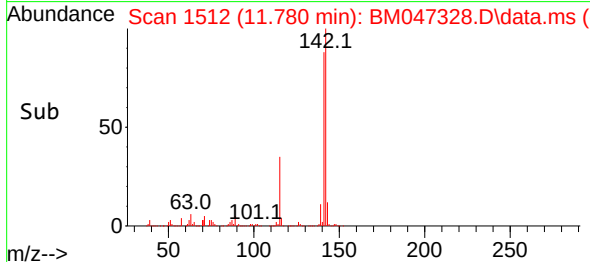
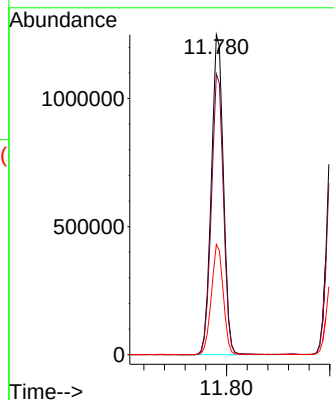
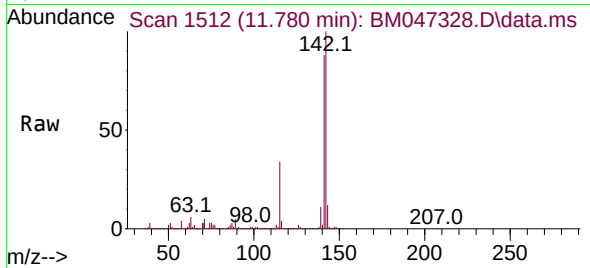




#37
2-Methylnaphthalene
Concen: 42.181 ng
RT: 11.780 min Scan# 1516
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

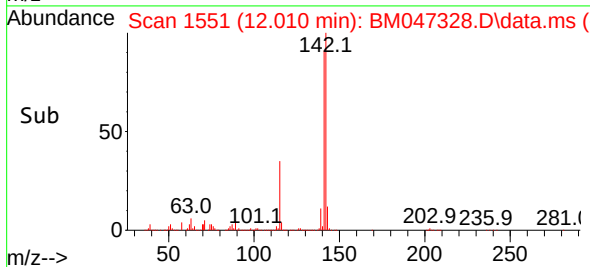
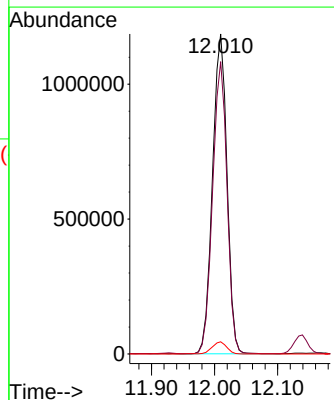
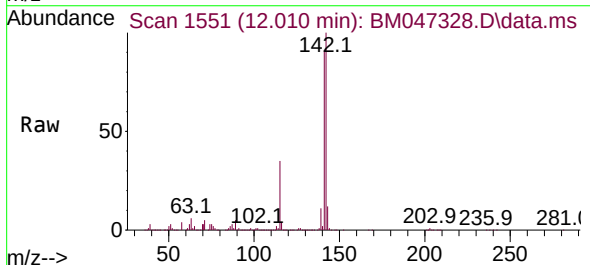
Instrument :
BNA_M
ClientSampleId :
PB162815BS

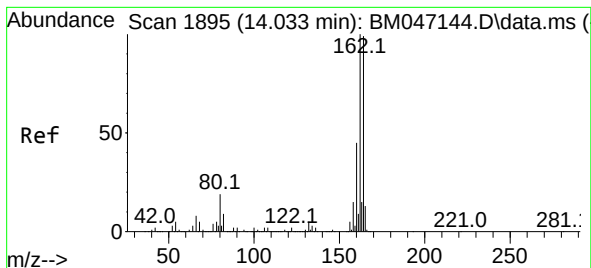
Tgt Ion:142 Resp: 2023765
Ion Ratio Lower Upper
142 100
141 87.7 70.9 106.3
115 34.4 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.723 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:142 Resp: 1883551
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.015 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

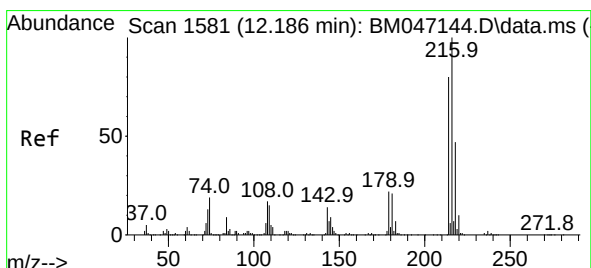
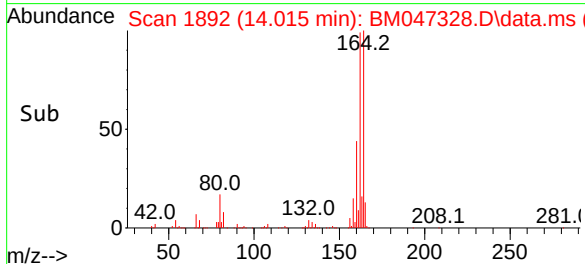
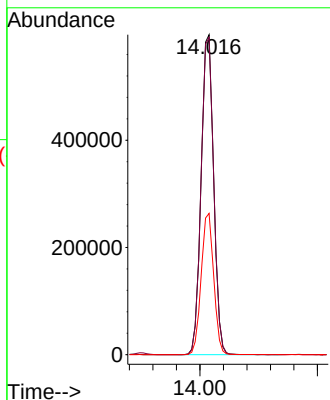
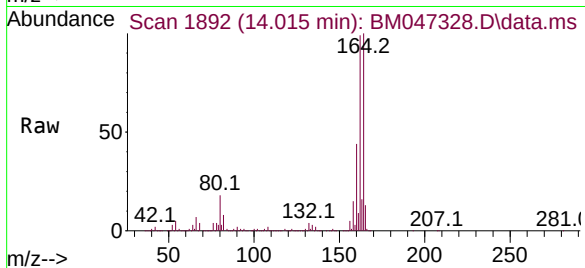
Tgt Ion:164 Resp: 879695

Ion Ratio Lower Upper

164 100

162 99.2 80.7 121.1

160 44.1 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.370 ng

RT: 12.169 min Scan# 1578

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Tgt Ion:216 Resp: 1064608

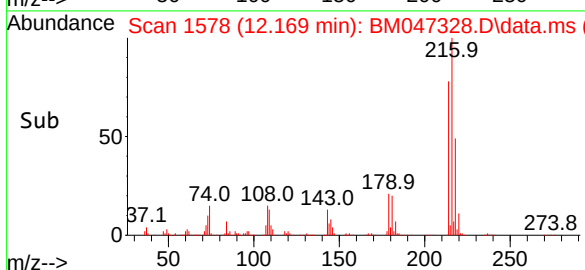
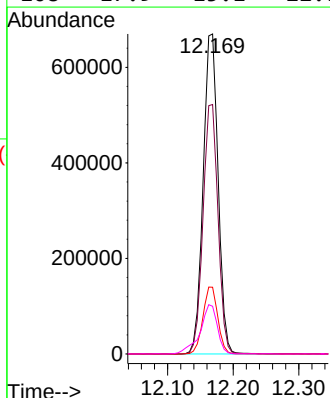
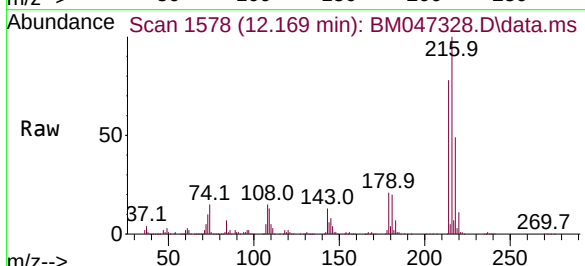
Ion Ratio Lower Upper

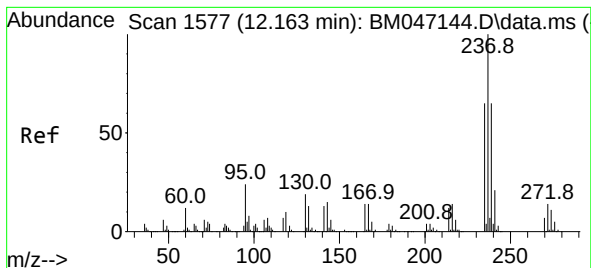
216 100

214 78.2 63.4 95.2

179 20.8 17.6 26.4

108 17.9 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 114.023 ng

RT: 12.139 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

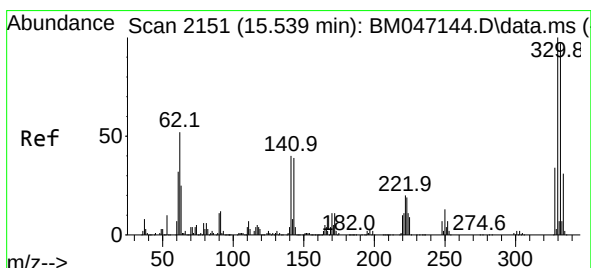
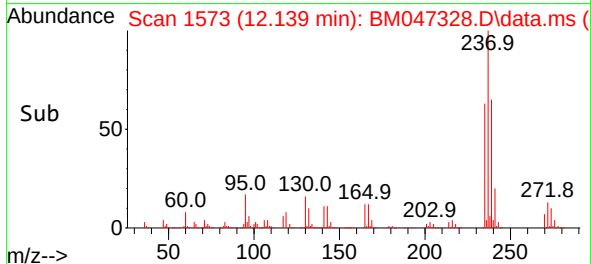
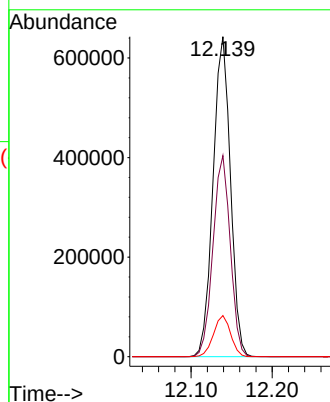
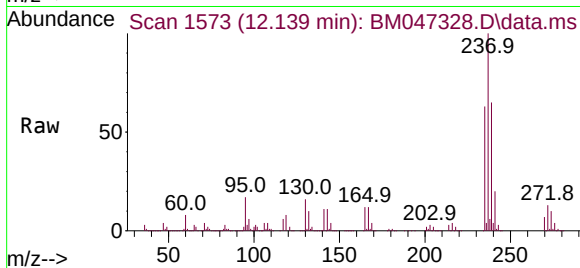
Tgt Ion:237 Resp: 955333

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

272 12.8 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 126.742 ng

RT: 15.527 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

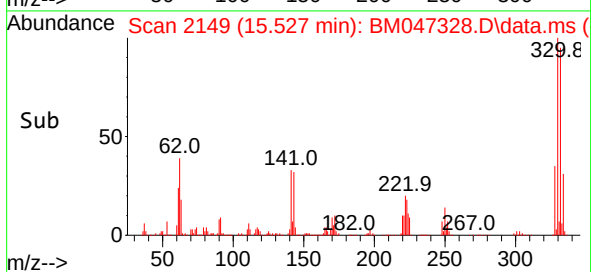
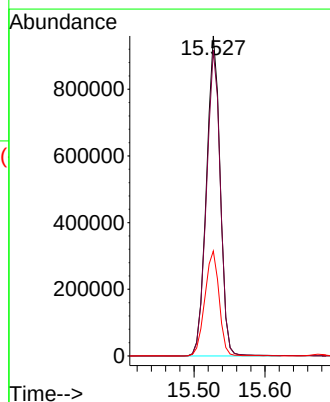
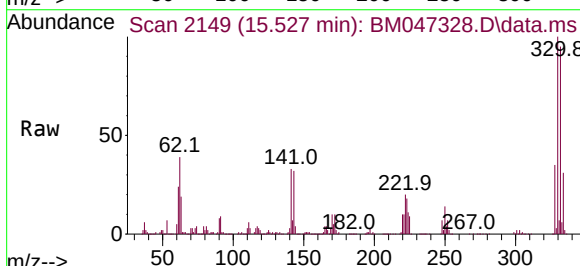
Tgt Ion:330 Resp: 1292793

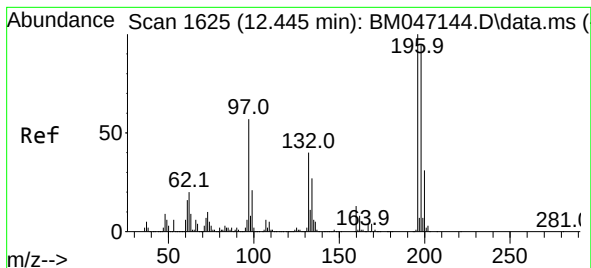
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 34.0 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 48.708 ng

RT: 12.427 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

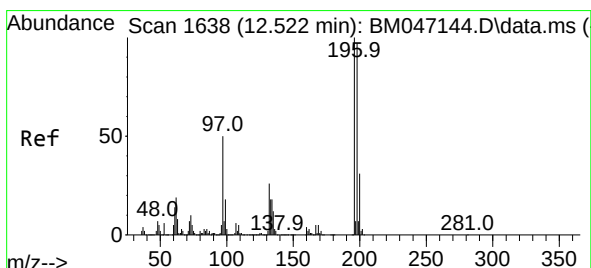
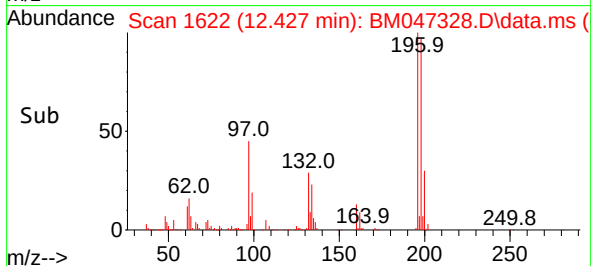
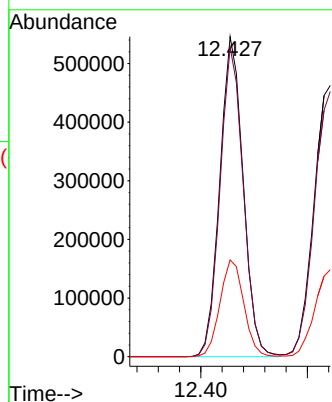
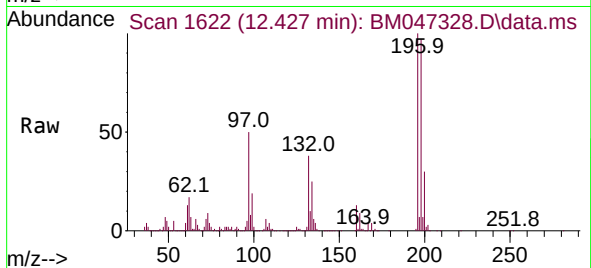
Tgt Ion:196 Resp: 830674

Ion Ratio Lower Upper

196 100

198 96.8 75.6 113.4

200 30.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 44.202 ng

RT: 12.521 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Tgt Ion:196 Resp: 836985

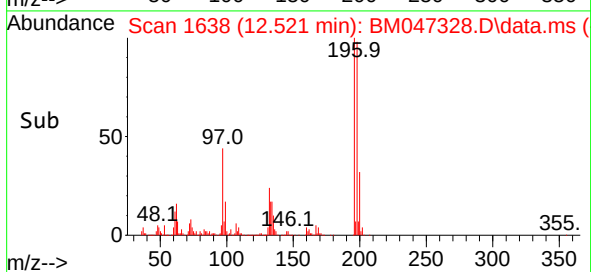
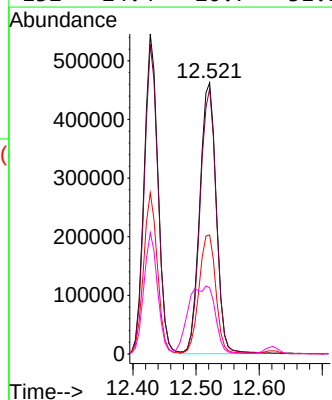
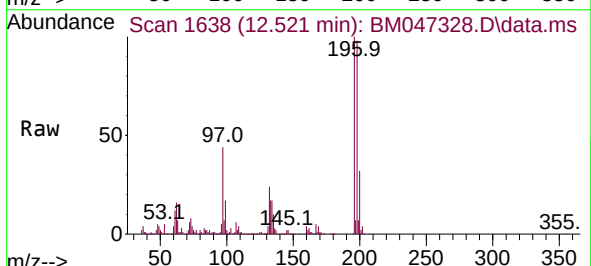
Ion Ratio Lower Upper

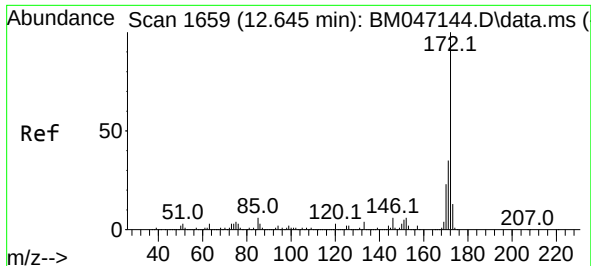
196 100

198 97.8 77.7 116.5

97 43.9 39.8 59.8

132 24.4 20.7 31.1

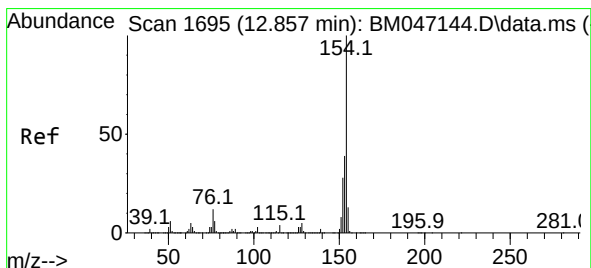
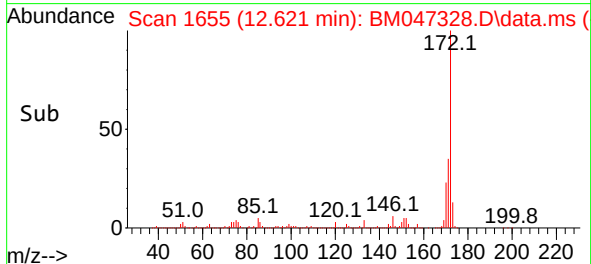
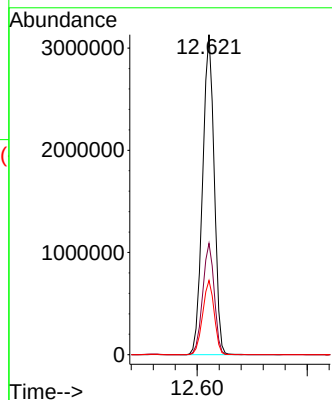
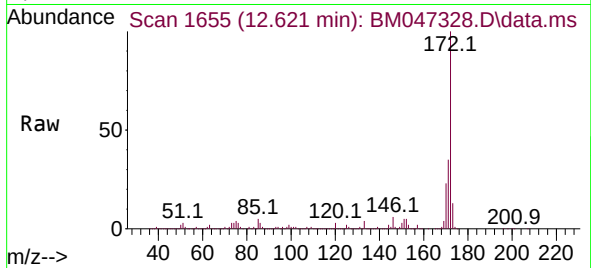




#45
2-Fluorobiphenyl
Concen: 80.448 ng
RT: 12.621 min Scan# 1655
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

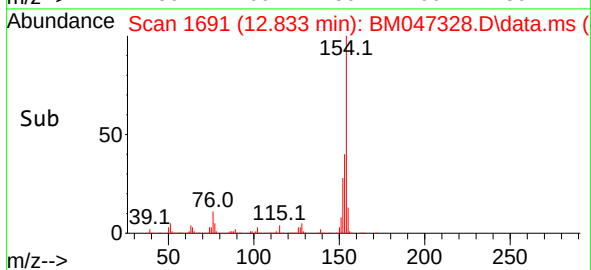
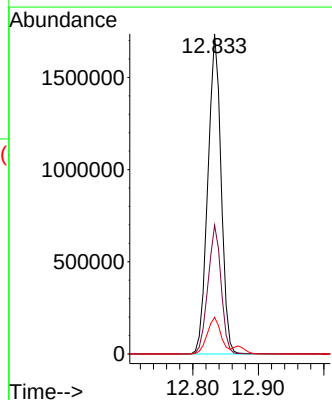
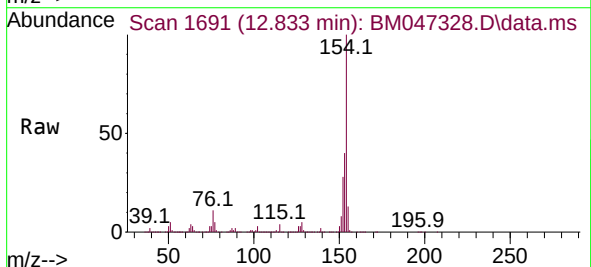
Instrument :
BNA_M
ClientSampleId :
PB162815BS

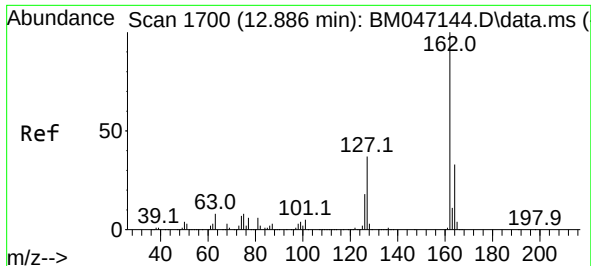
Tgt Ion:172 Resp: 4587907
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 38.896 ng
RT: 12.833 min Scan# 1691
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:154 Resp: 2435951
Ion Ratio Lower Upper
154 100
153 40.3 19.0 59.0
76 11.4 0.0 31.9

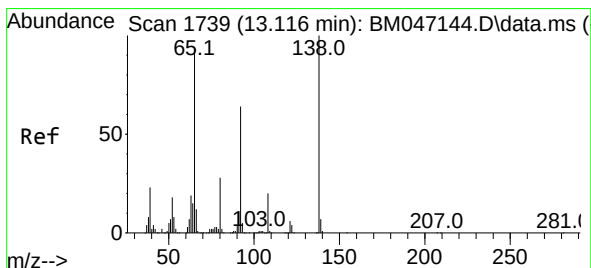
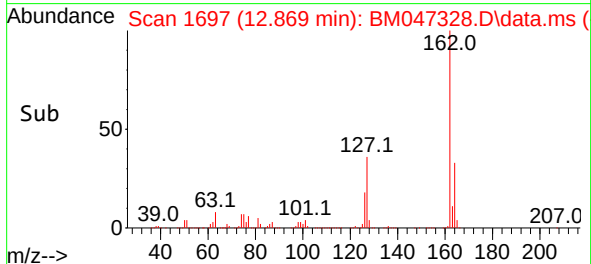
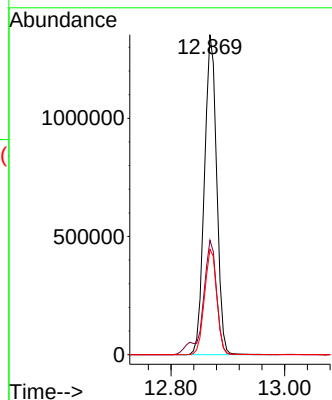
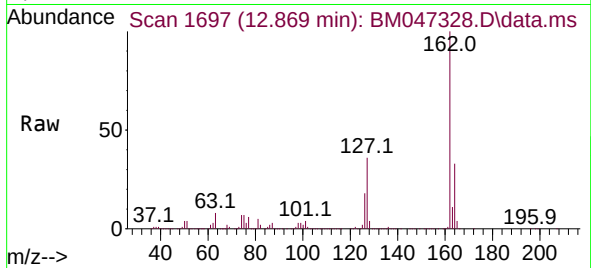




#47
2-Chloronaphthalene
Concen: 41.408 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

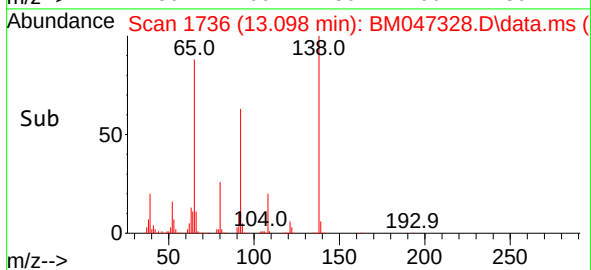
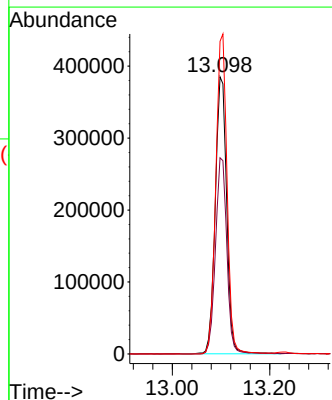
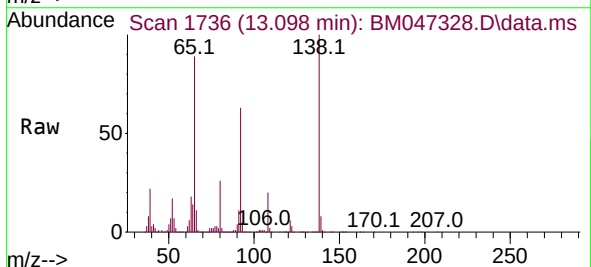
Instrument :
BNA_M
ClientSampleId :
PB162815BS

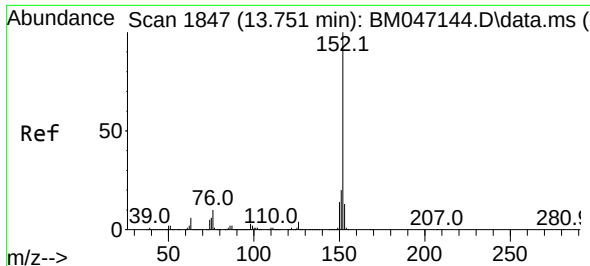
Tgt Ion:162 Resp: 2026920
Ion Ratio Lower Upper
162 100
127 35.8 30.0 45.0
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 40.709 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 65 Resp: 624270
Ion Ratio Lower Upper
65 100
92 70.8 55.1 82.7
138 112.8 85.9 128.9

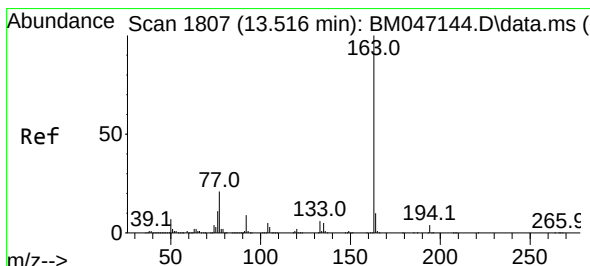
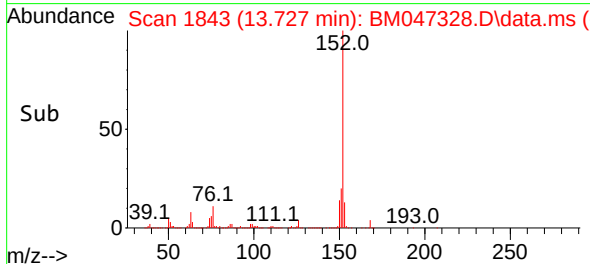
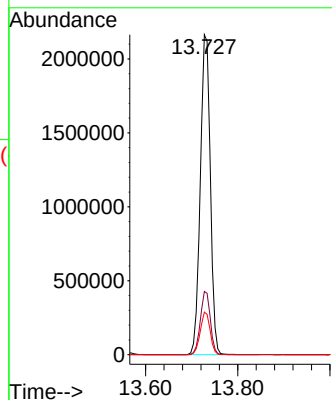
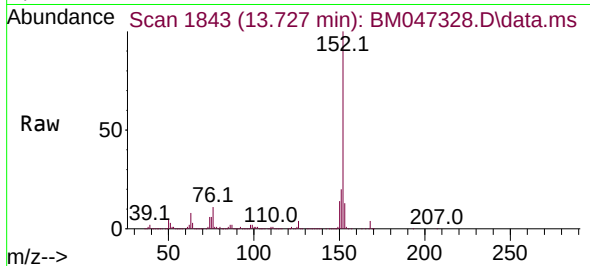




#49
Acenaphthylene
Concen: 45.367 ng
RT: 13.727 min Scan# 1843
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

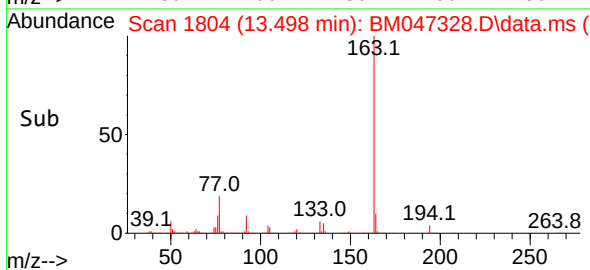
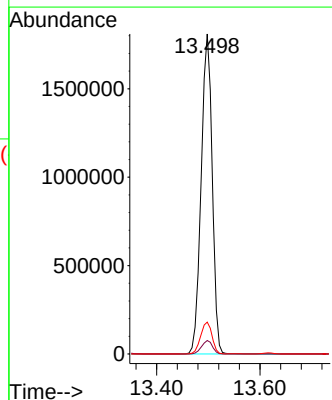
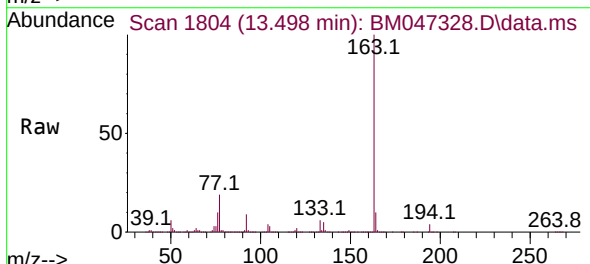
Instrument :
BNA_M
ClientSampleId :
PB162815BS

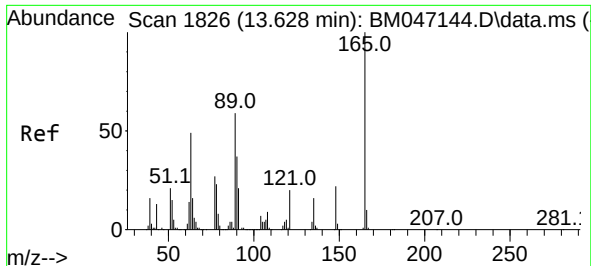
Tgt Ion:152 Resp: 3273336
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 43.688 ng
RT: 13.498 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:163 Resp: 2684161
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.0 8.0 12.0

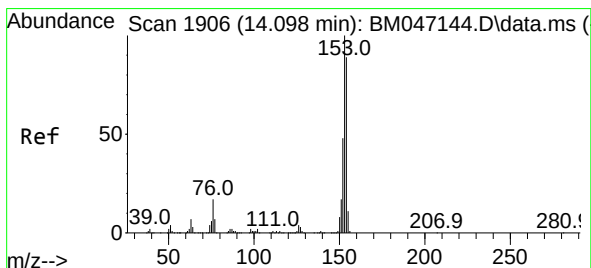
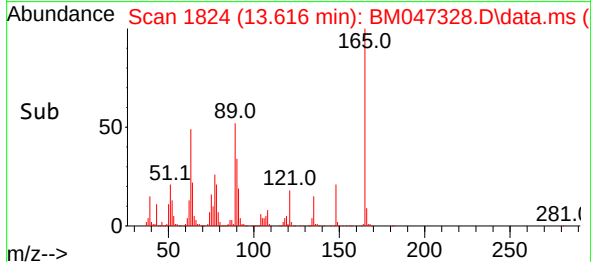
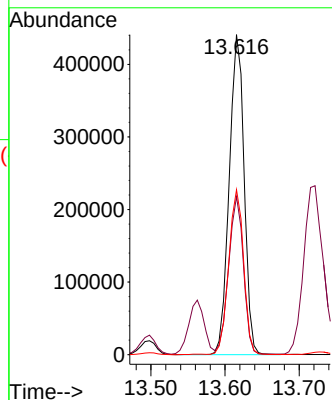
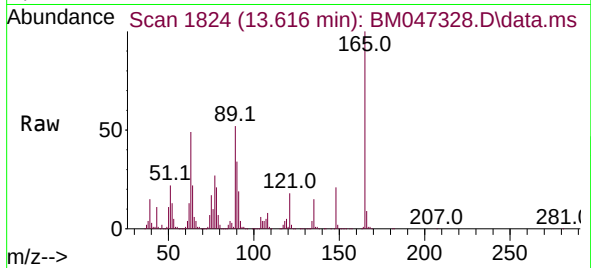




#51
2,6-Dinitrotoluene
Concen: 42.863 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

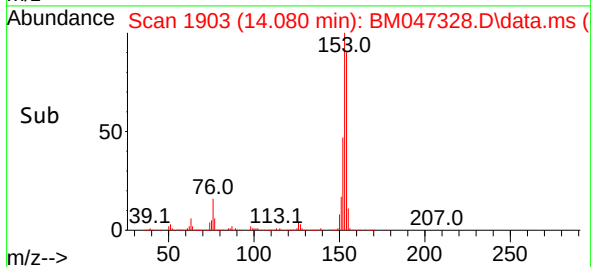
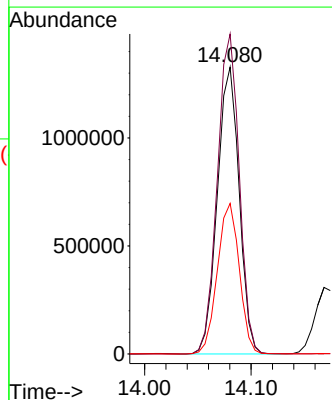
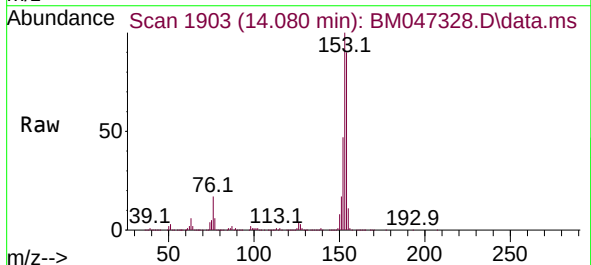
Instrument :
BNA_M
ClientSampleId :
PB162815BS

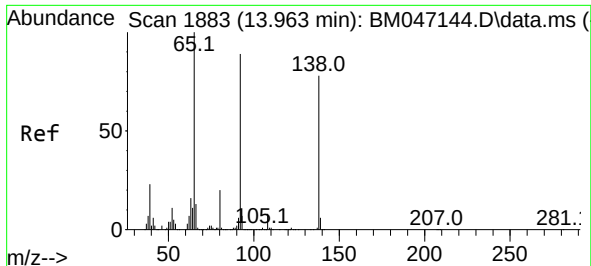
Tgt Ion:165 Resp: 615604
Ion Ratio Lower Upper
165 100
63 49.4 46.5 69.7
89 51.6 47.3 70.9



#52
Acenaphthene
Concen: 41.321 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:154 Resp: 1891212
Ion Ratio Lower Upper
154 100
153 111.6 90.3 135.5
152 52.5 42.9 64.3

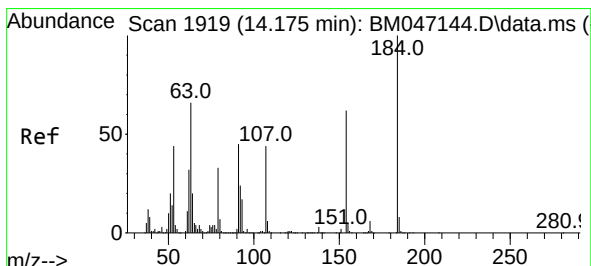
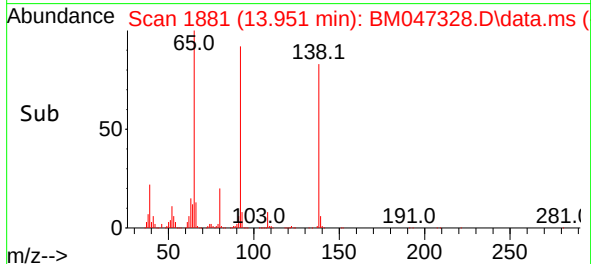
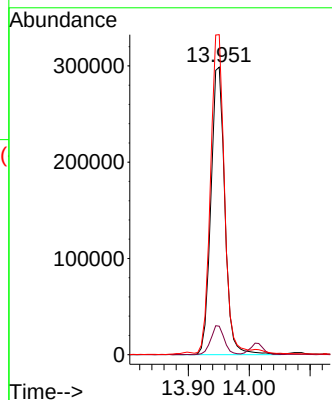
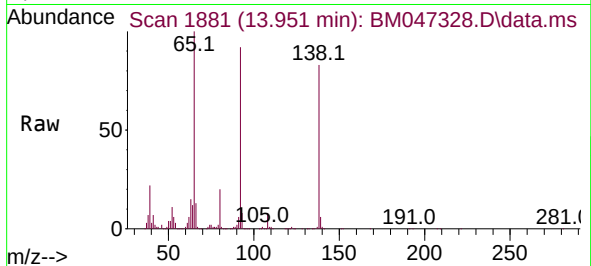




#53
3-Nitroaniline
Concen: 33.087 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

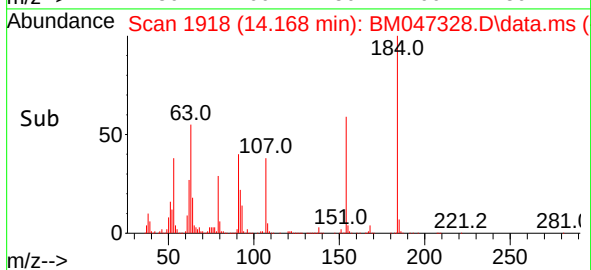
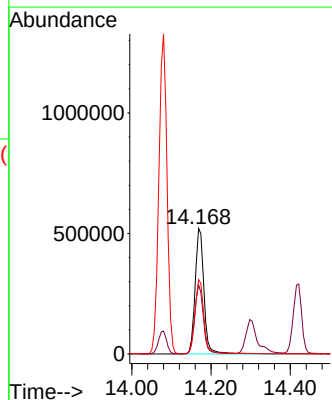
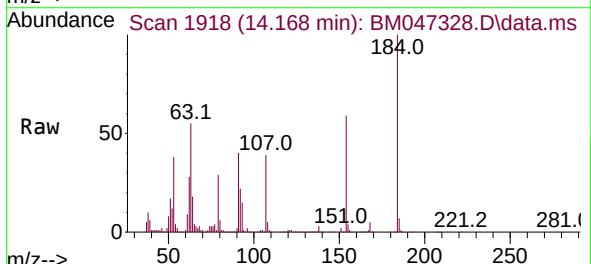
Instrument :
BNA_M
ClientSampleId :
PB162815BS

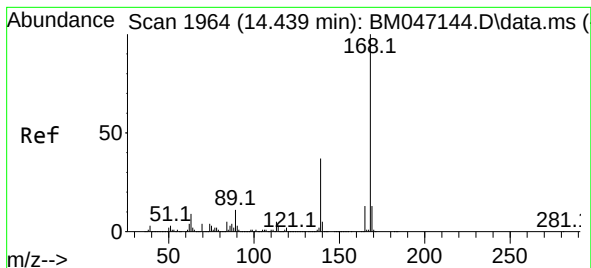
Tgt Ion:138 Resp: 476177
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 111.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 93.980 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:184 Resp: 808968
Ion Ratio Lower Upper
184 100
63 55.0 52.7 79.1
154 59.2 50.4 75.6





#55

Dibenzofuran

Concen: 42.844 ng

RT: 14.421 min Scan# 1964

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

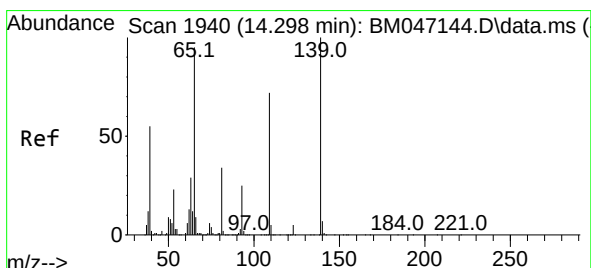
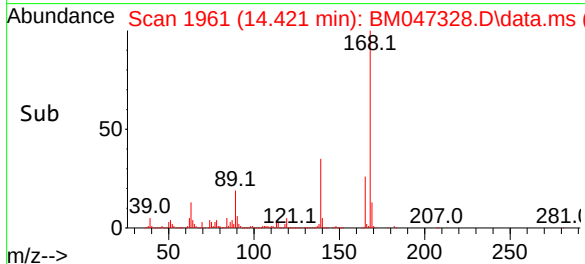
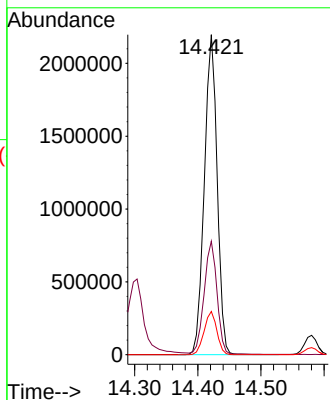
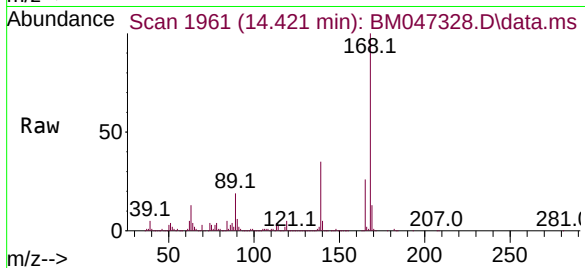
Tgt Ion:168 Resp: 3097346

Ion Ratio Lower Upper

168 100

139 35.4 29.6 44.4

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 77.027 ng

RT: 14.304 min Scan# 1941

Delta R.T. 0.006 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

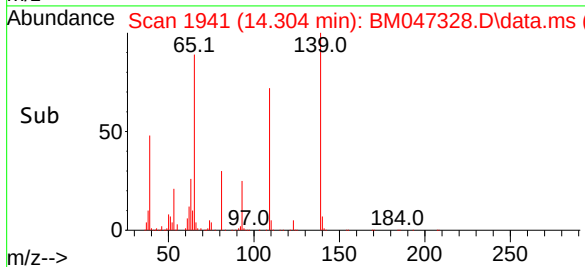
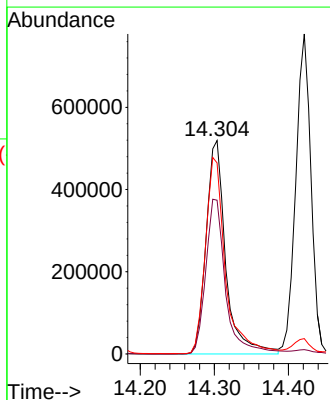
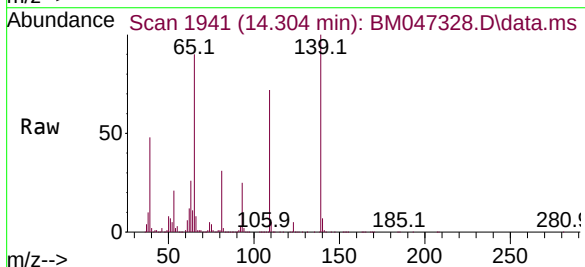
Tgt Ion:139 Resp: 955892

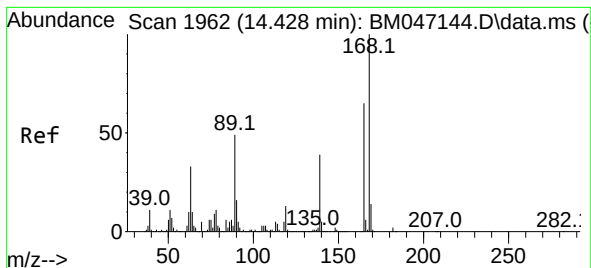
Ion Ratio Lower Upper

139 100

109 72.1 52.5 92.5

65 89.5 75.4 115.4

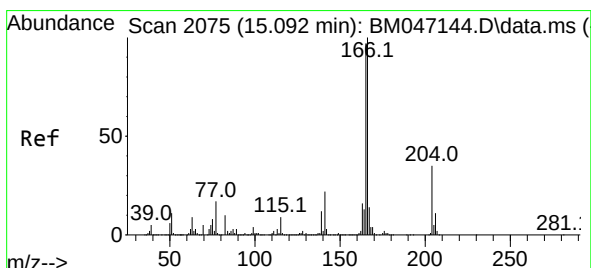
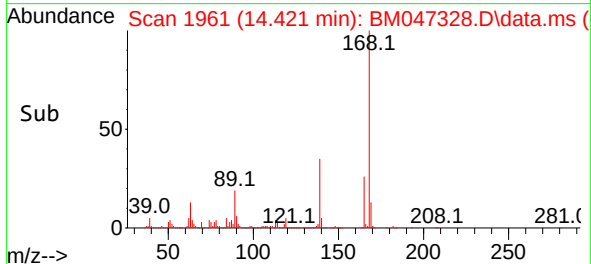
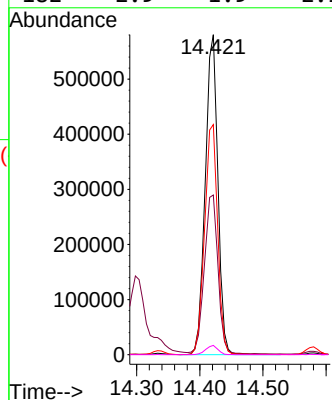
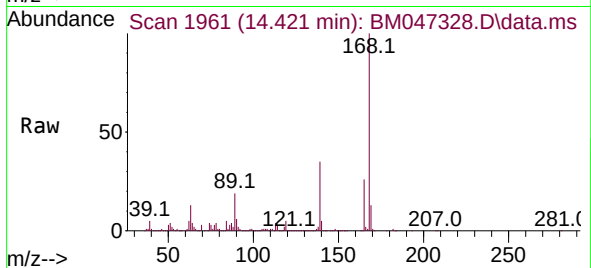




#57
2,4-Dinitrotoluene
Concen: 42.157 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

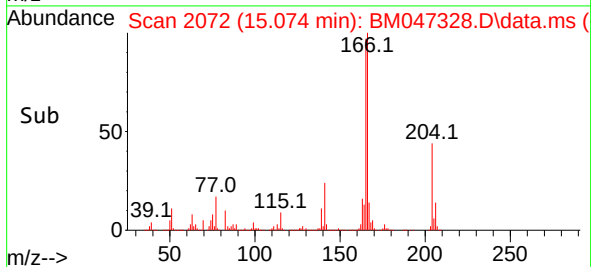
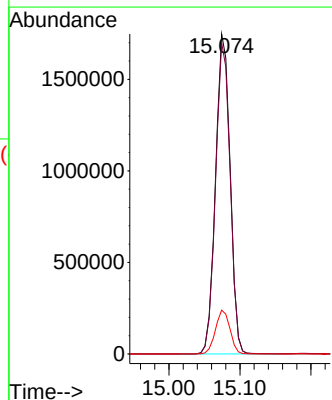
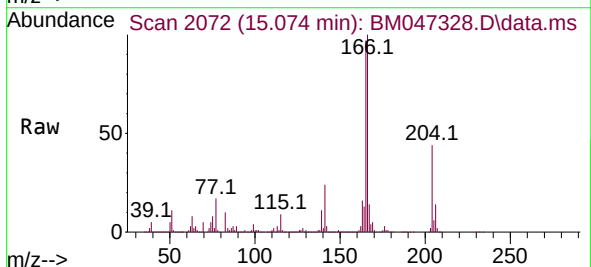
Instrument :
BNA_M
ClientSampleId :
PB162815BS

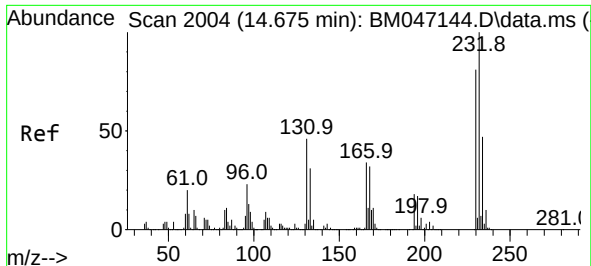
Tgt Ion:165 Resp: 808147
Ion Ratio Lower Upper
165 100
63 49.9 40.3 60.5
89 71.9 61.0 91.6
182 2.9 1.9 2.9#



#58
Fluorene
Concen: 41.695 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:166 Resp: 2487119
Ion Ratio Lower Upper
166 100
165 97.2 77.4 116.0
167 13.7 11.0 16.6

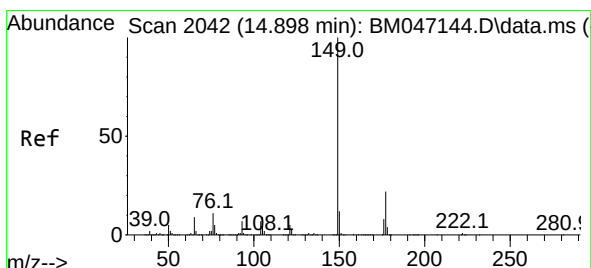
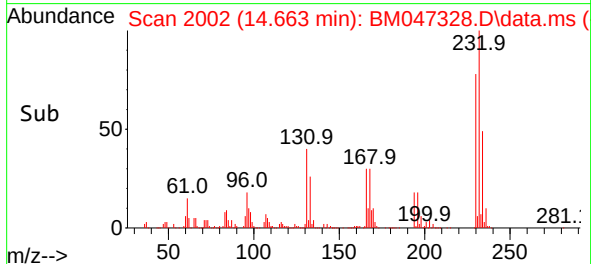
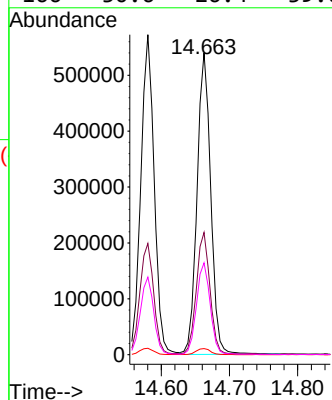
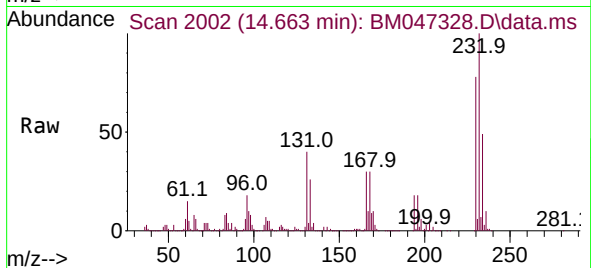




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.325 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

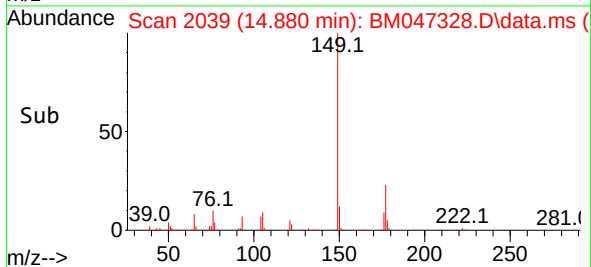
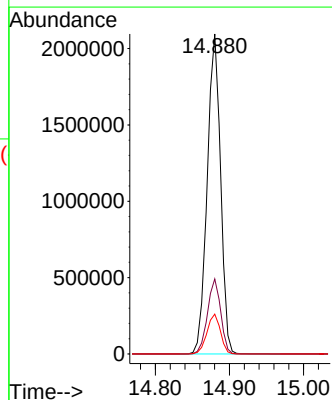
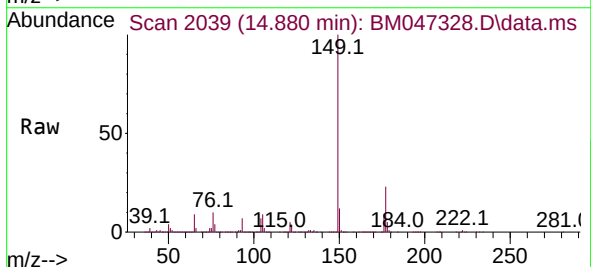
Instrument :
BNA_M
ClientSampleId :
PB162815BS

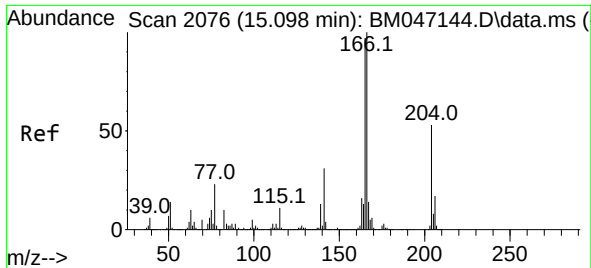
Tgt Ion:232 Resp: 752040
Ion Ratio Lower Upper
232 100
131 39.9 36.9 55.3
130 2.2 2.0 3.0
166 30.6 26.4 39.6



#60
Diethylphthalate
Concen: 41.807 ng
RT: 14.880 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:149 Resp: 2622939
Ion Ratio Lower Upper
149 100
177 23.4 17.6 26.4
150 12.5 9.8 14.6

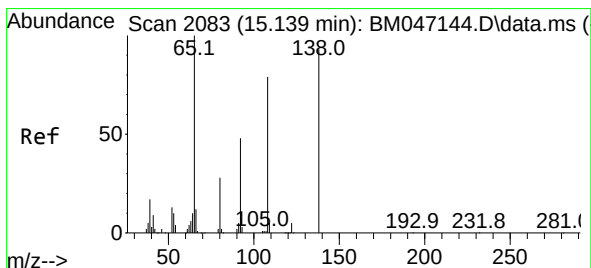
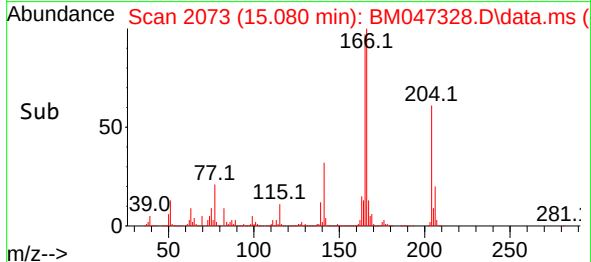
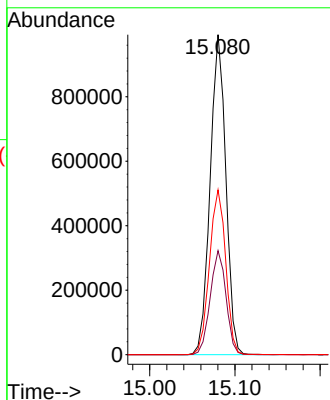
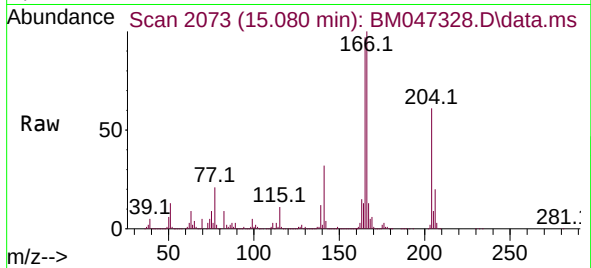




#61
4-Chlorophenyl-phenylether
Concen: 44.705 ng
RT: 15.080 min Scan# 2076
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

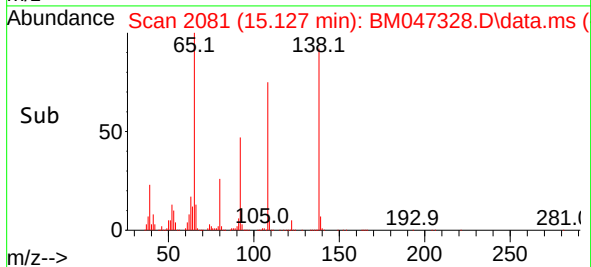
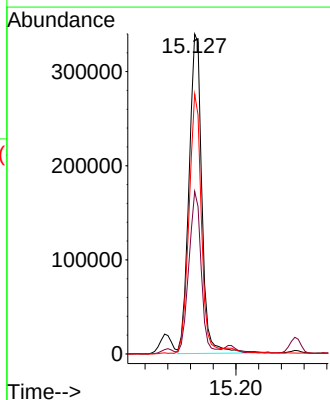
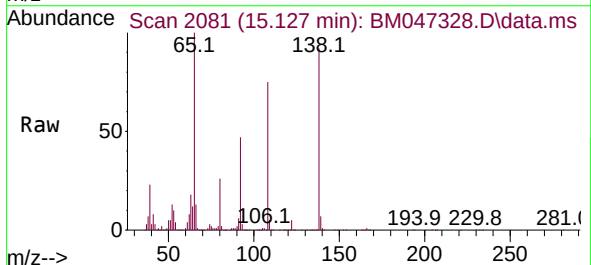
Instrument :
BNA_M
ClientSampleId :
PB162815BS

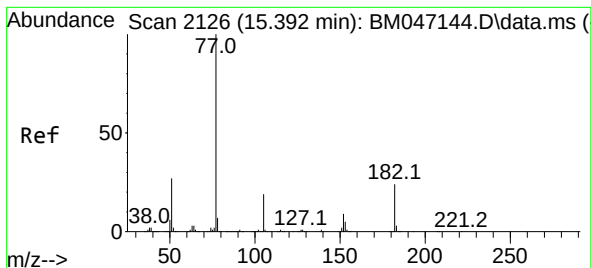
Tgt Ion:204 Resp: 1269542
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 51.5 47.2 70.8



#62
4-Nitroaniline
Concen: 37.692 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:138 Resp: 534393
Ion Ratio Lower Upper
138 100
92 50.8 31.9 71.9
108 81.2 63.8 103.8





#63

Azobenzene

Concen: 39.332 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

Tgt Ion: 77 Resp: 2339746

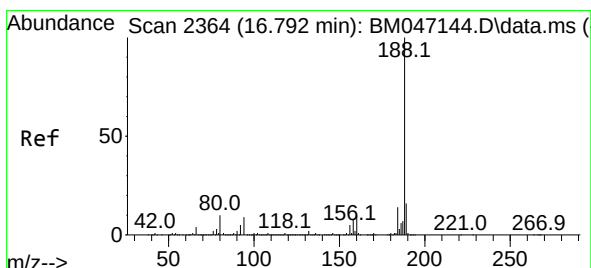
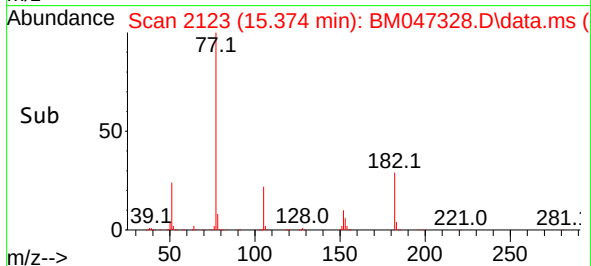
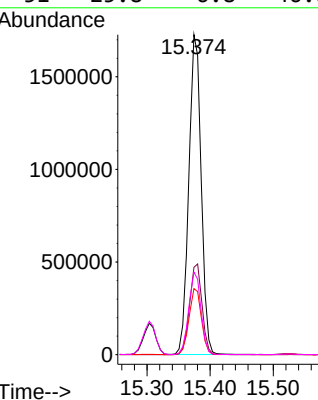
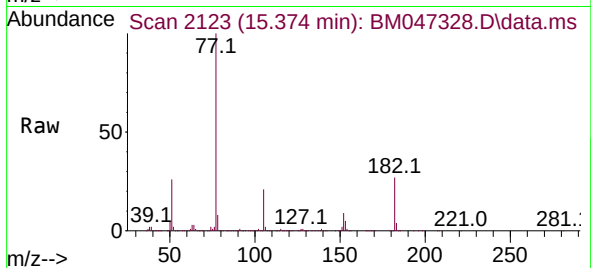
Ion Ratio Lower Upper

77 100

182 27.3 3.8 43.8

105 20.6 0.0 39.5

51 25.8 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: BM047328.D

Acq: 23 Aug 2024 11:28

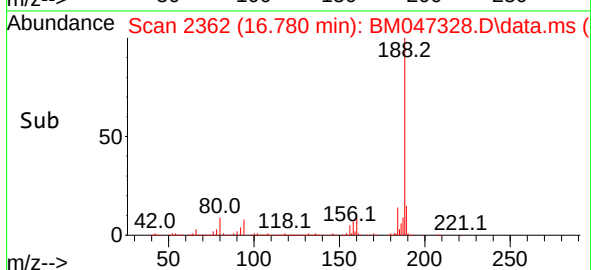
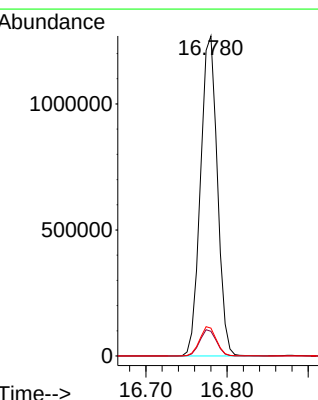
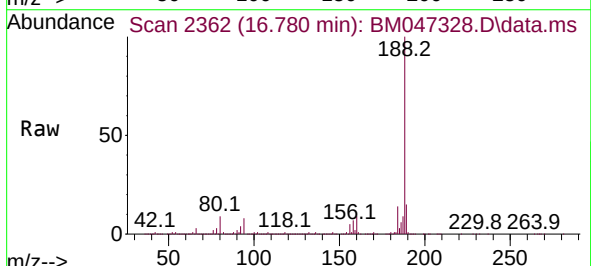
Tgt Ion:188 Resp: 1828572

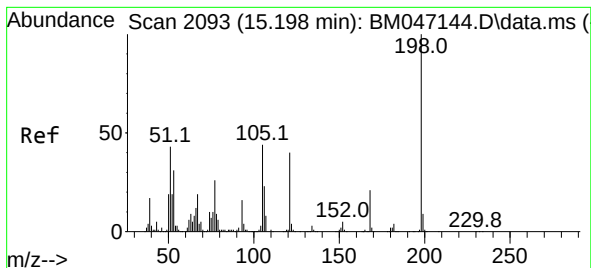
Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.7 8.0 12.0

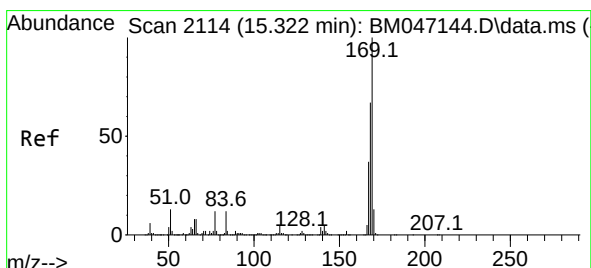
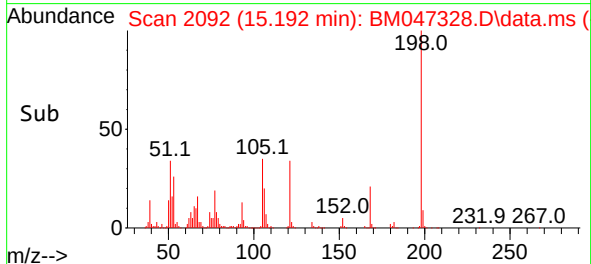
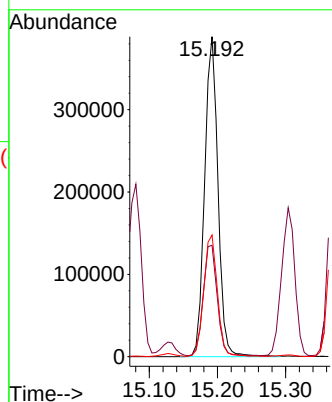
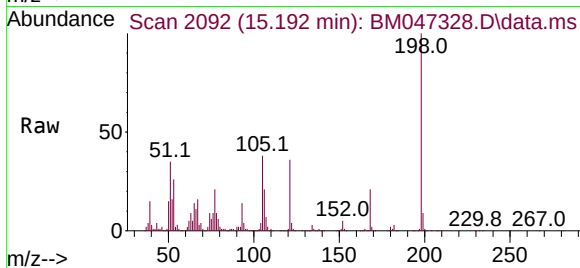




#65
4,6-Dinitro-2-methylphenol
Concen: 49.384 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

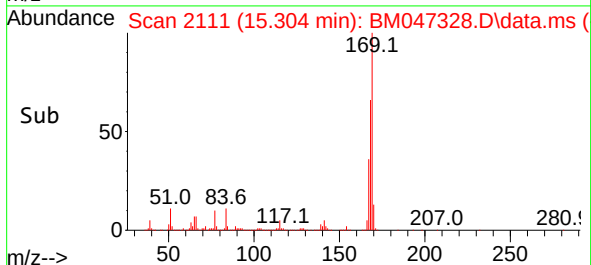
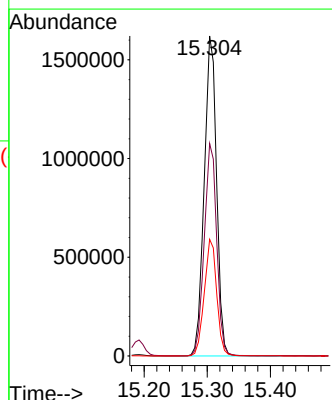
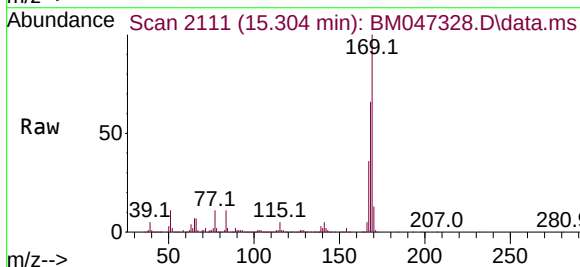
Instrument :
BNA_M
ClientSampleId :
PB162815BS

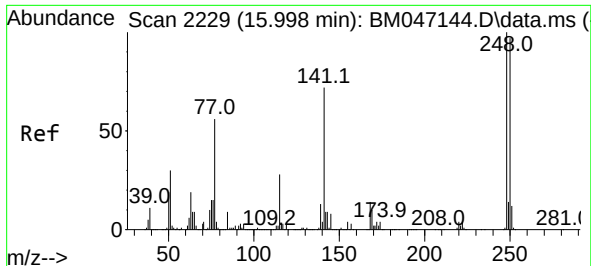
Tgt Ion:198 Resp: 528705
Ion Ratio Lower Upper
198 100
51 34.8 23.9 63.9
105 38.0 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 44.306 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:169 Resp: 2206707
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 36.4 29.3 43.9

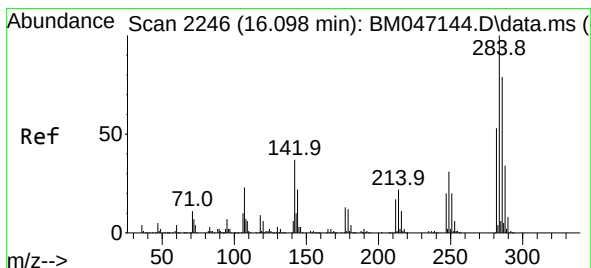
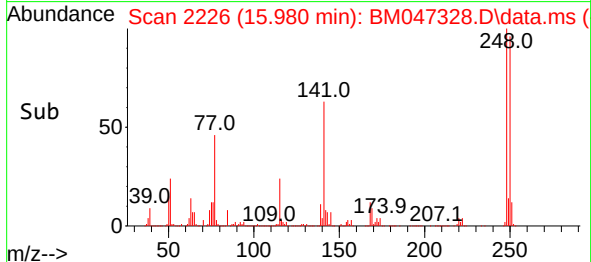
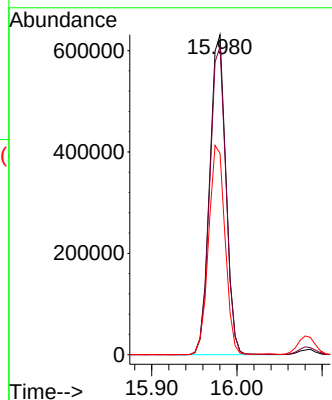
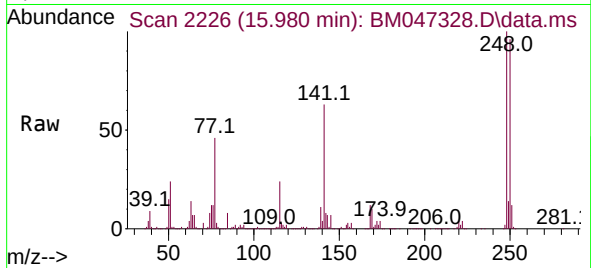




#67
4-Bromophenyl-phenylether
Concen: 47.295 ng
RT: 15.980 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

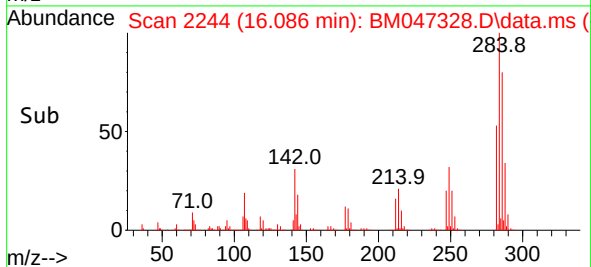
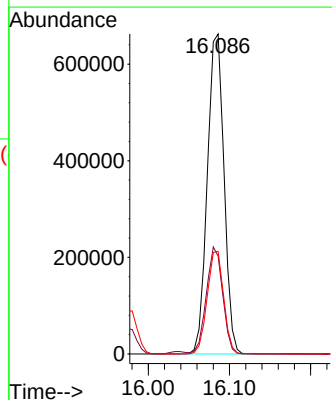
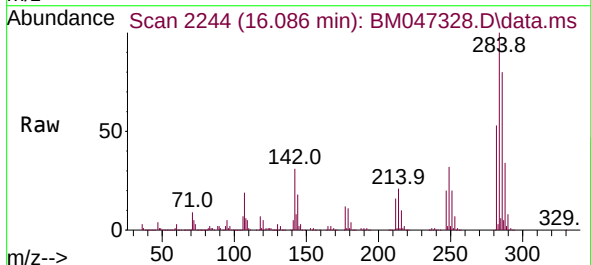
Instrument :
BNA_M
ClientSampleId :
PB162815BS

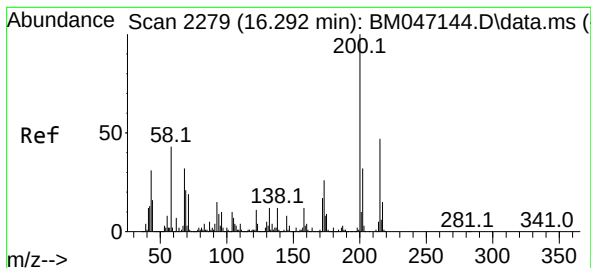
Tgt Ion:248 Resp: 833356
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.8
141 62.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 44.702 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:284 Resp: 943355
Ion Ratio Lower Upper
284 100
142 30.5 29.4 44.0
249 32.0 25.1 37.7





#69

Atrazine

Concen: 46.201 ng

RT: 16.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

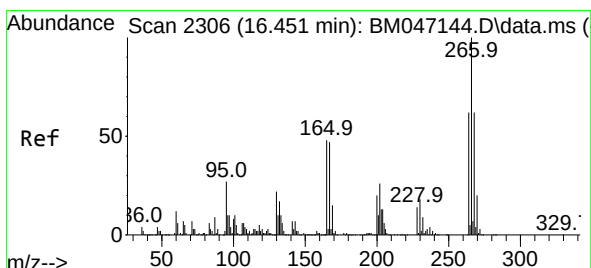
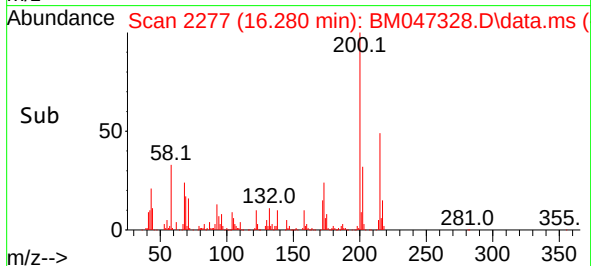
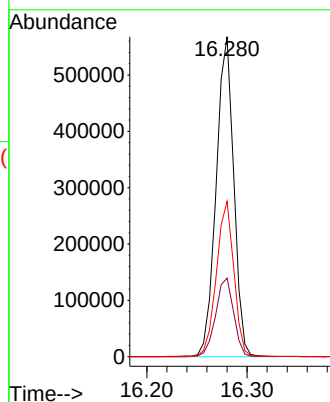
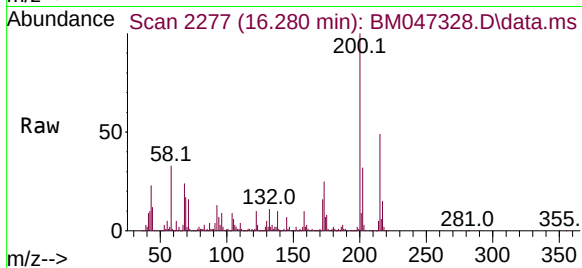
Tgt Ion:200 Resp: 692435

Ion Ratio Lower Upper

200 100

173 24.6 6.1 46.1

215 48.5 26.8 66.8



#70

Pentachlorophenol

Concen: 84.147 ng

RT: 16.439 min Scan# 2304

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

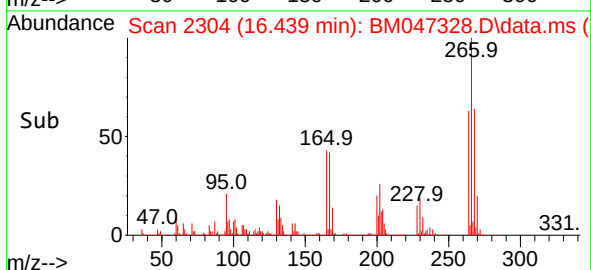
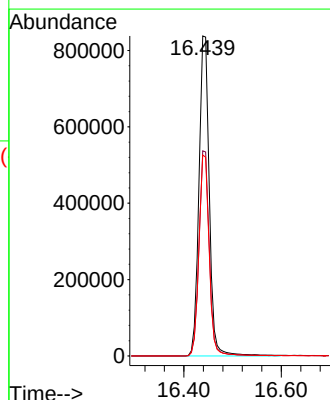
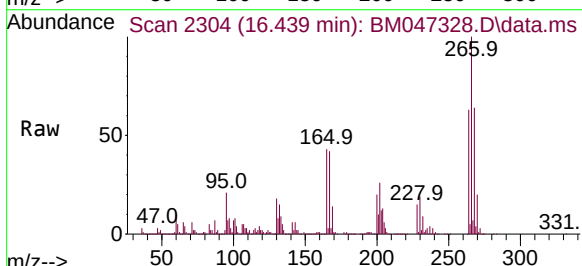
Tgt Ion:266 Resp: 1244787

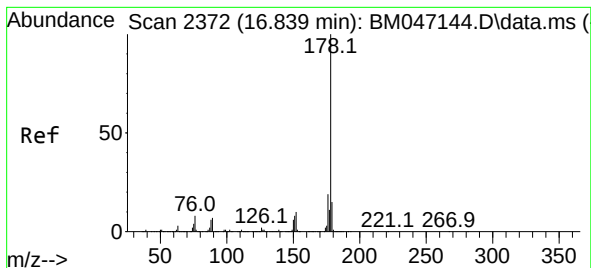
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.6

264 62.8 49.6 74.4





#71

Phenanthrene

Concen: 43.102 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

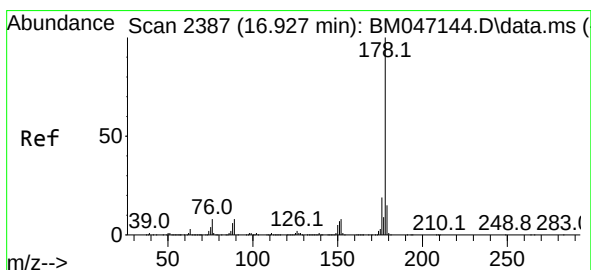
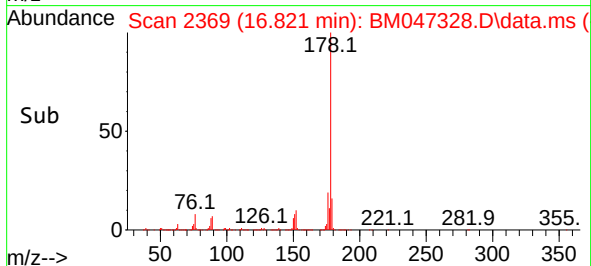
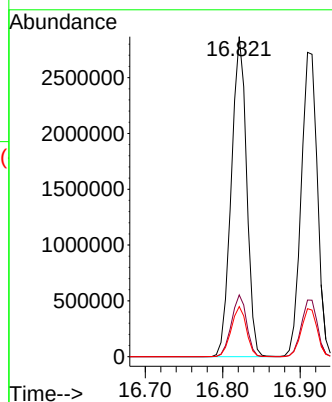
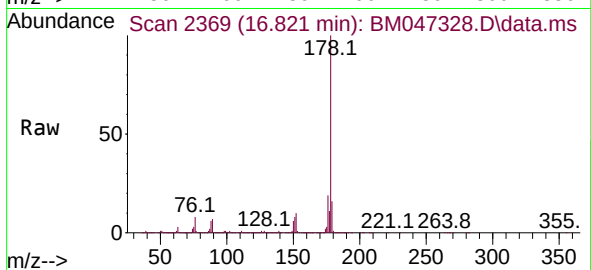
Tgt Ion:178 Resp: 3955409

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.7 12.4 18.6



#72

Anthracene

Concen: 44.342 ng

RT: 16.909 min Scan# 2384

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

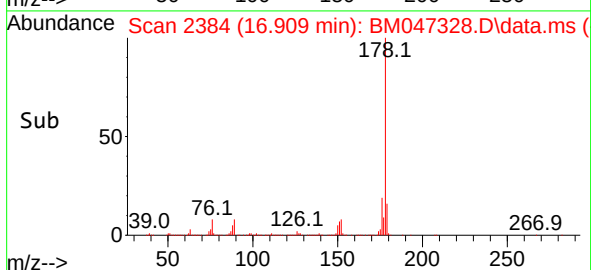
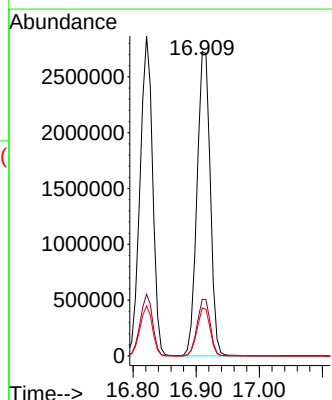
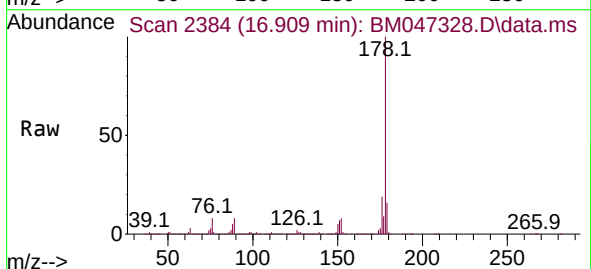
Tgt Ion:178 Resp: 3959374

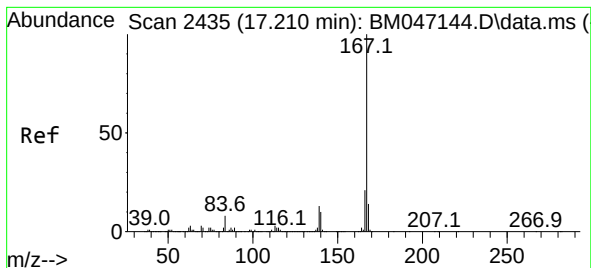
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.8 12.4 18.6





#73

Carbazole

Concen: 41.426 ng

RT: 17.198 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

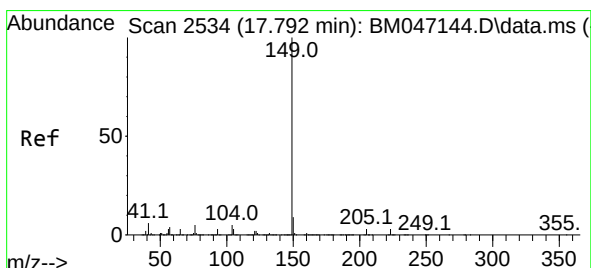
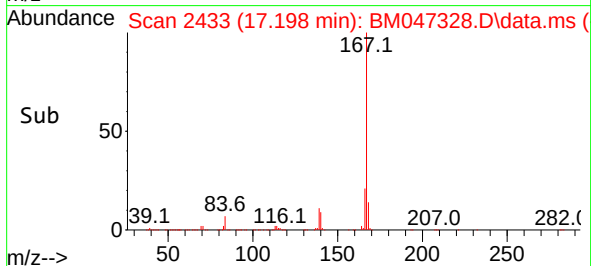
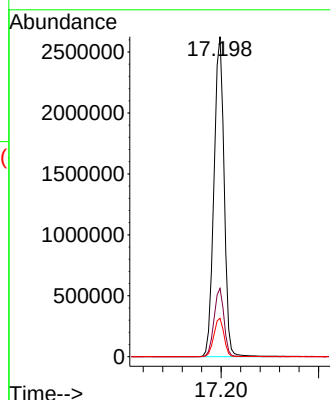
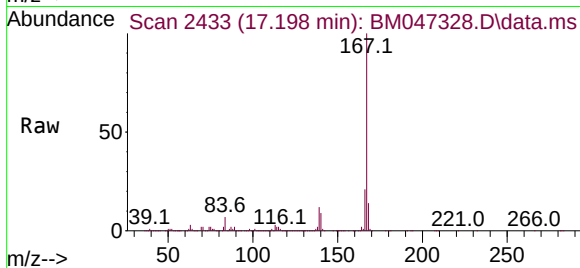
Tgt Ion:167 Resp: 3776808

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 12.0 10.0 15.0



#74

Di-n-butylphthalate

Concen: 43.580 ng

RT: 17.774 min Scan# 2531

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

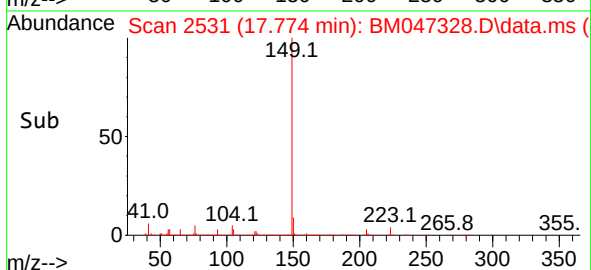
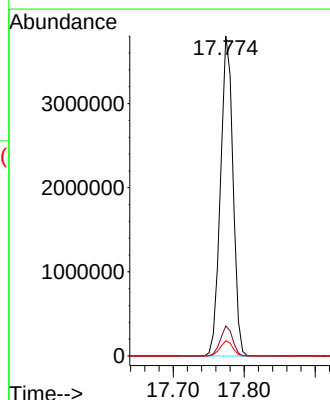
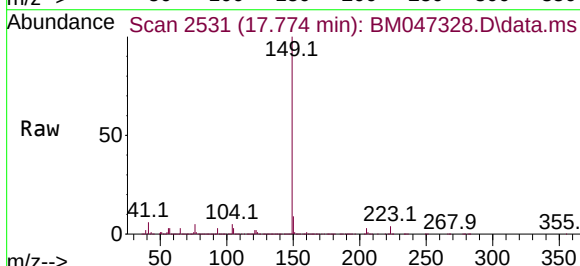
Tgt Ion:149 Resp: 4623119

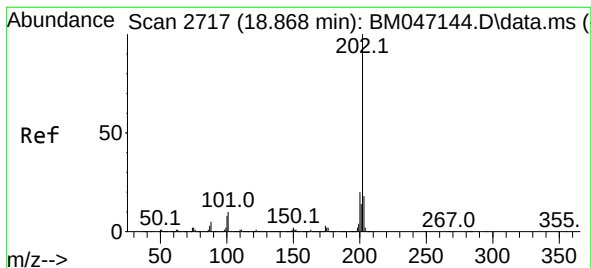
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.7 4.1 6.1





#75

Fluoranthene

Concen: 42.121 ng

RT: 18.856 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

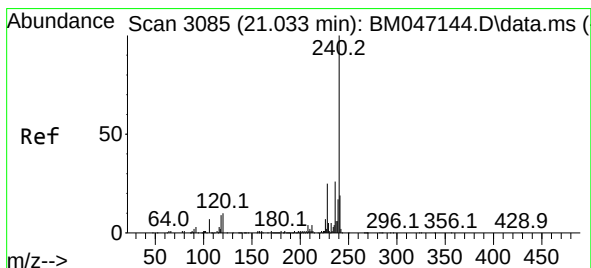
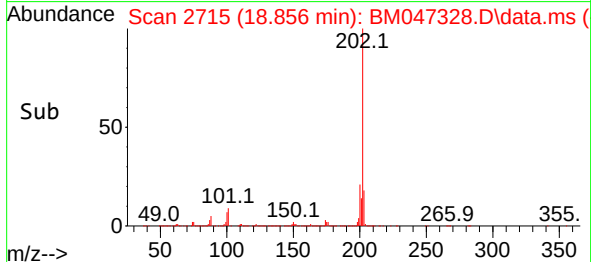
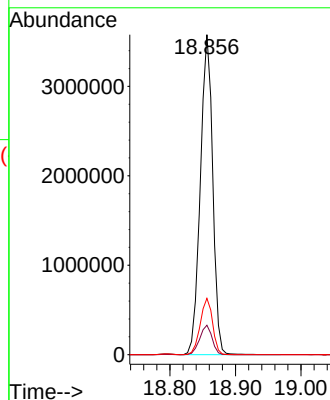
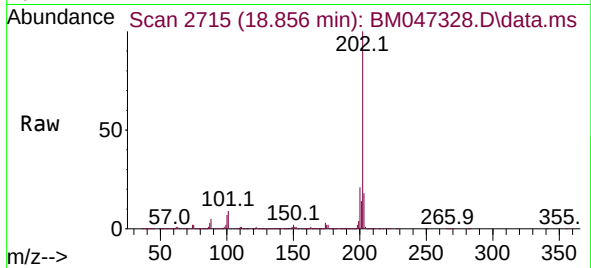
Tgt Ion:202 Resp: 4701627

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.2

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

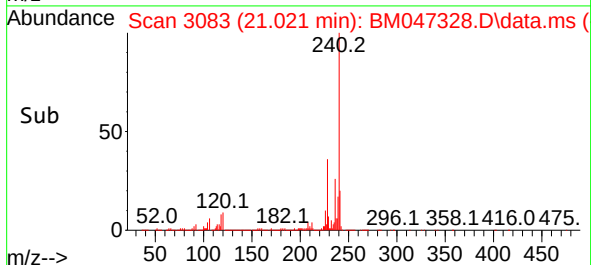
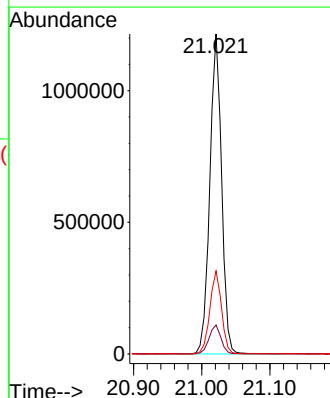
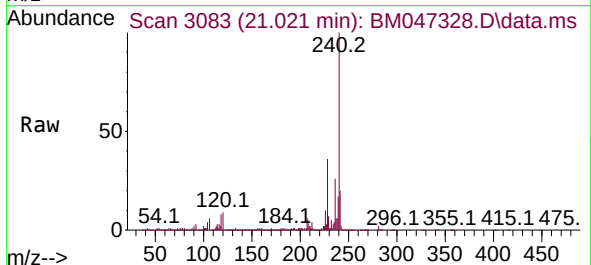
Tgt Ion:240 Resp: 1460918

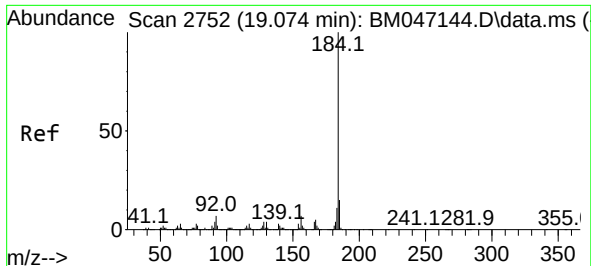
Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

236 25.9 20.6 30.8

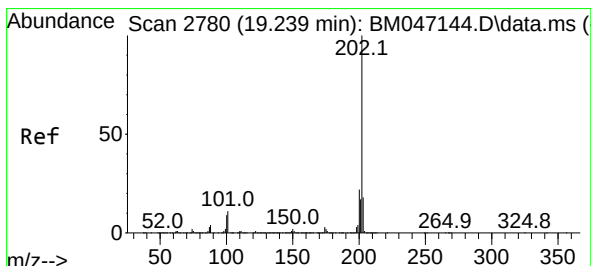
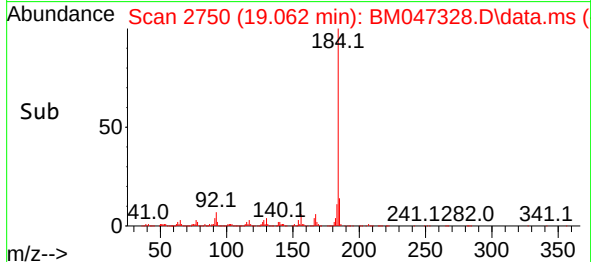
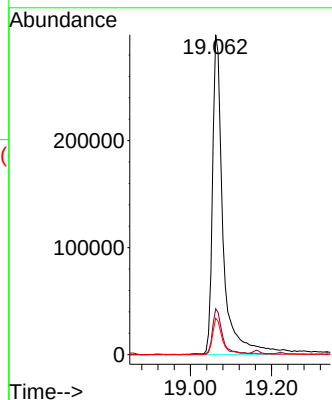
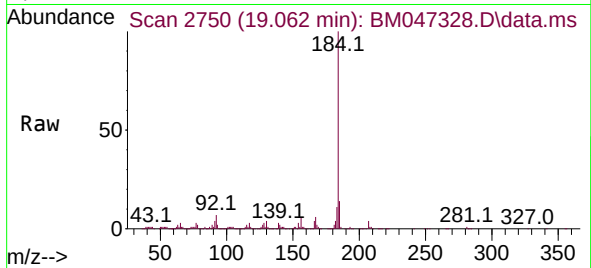




#77
Benzidine
Concen: 21.916 ng
RT: 19.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

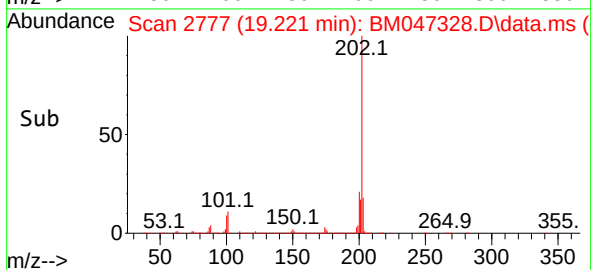
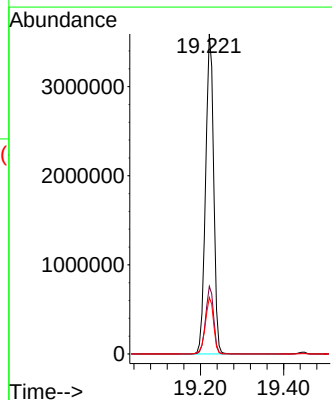
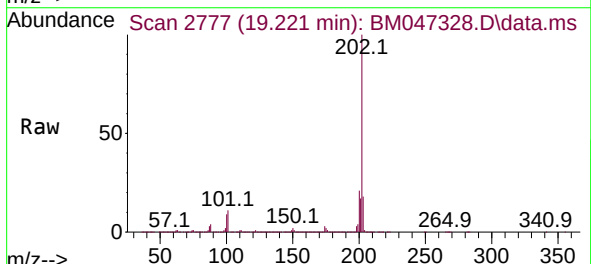
Instrument :
BNA_M
ClientSampleId :
PB162815BS

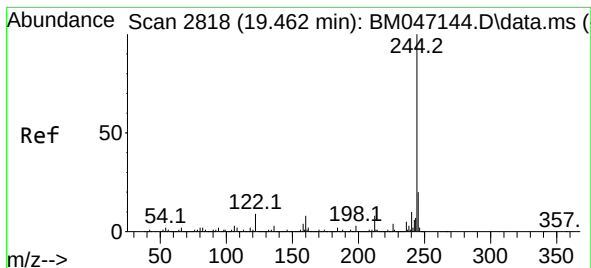
Tgt Ion:184 Resp: 542964
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.4 9.0 13.6



#78
Pyrene
Concen: 46.330 ng
RT: 19.221 min Scan# 2777
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:202 Resp: 4832853
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 103.361 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

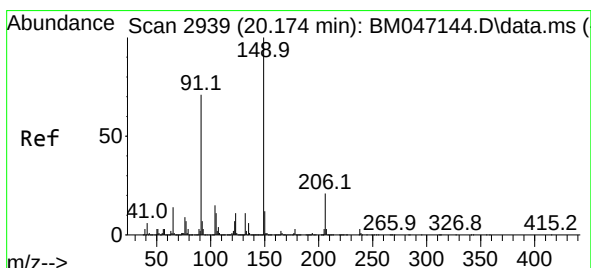
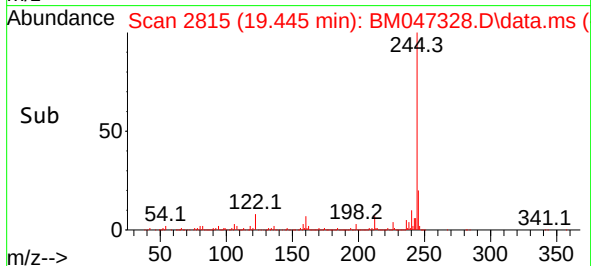
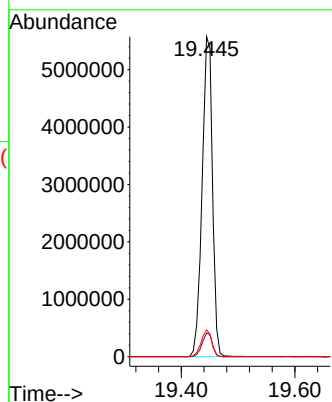
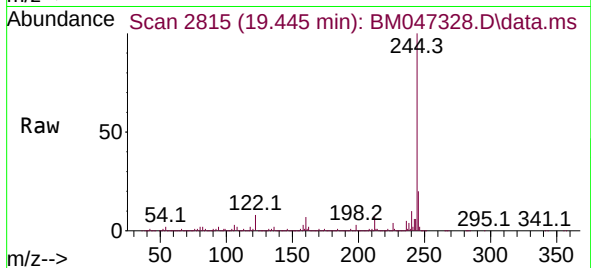
Tgt Ion:244 Resp: 7047035

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 8.4 7.1 10.7



#80

Butylbenzylphthalate

Concen: 48.799 ng

RT: 20.162 min Scan# 2937

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

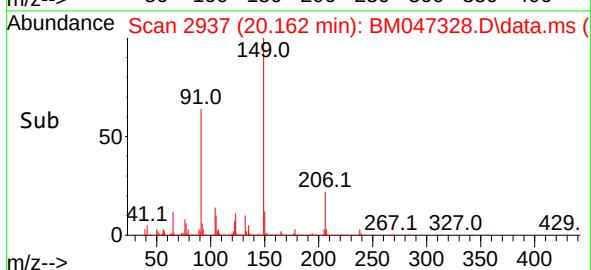
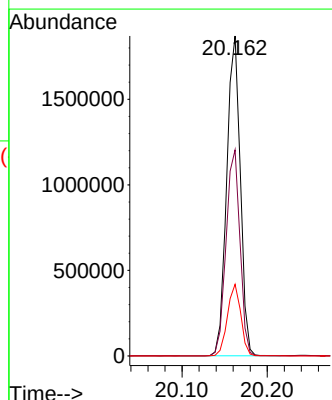
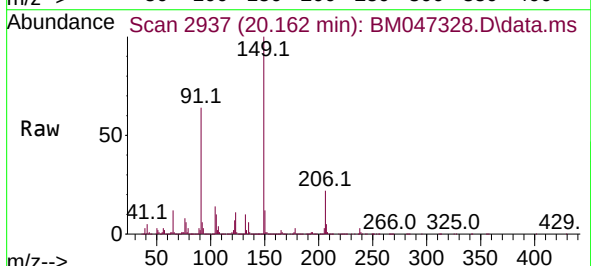
Tgt Ion:149 Resp: 2077397

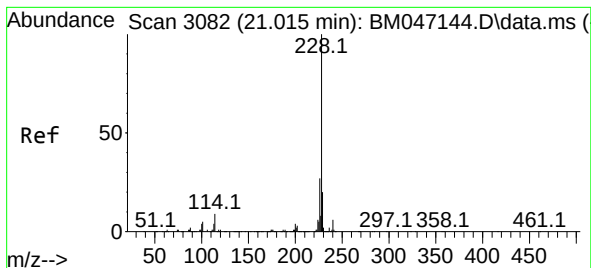
Ion Ratio Lower Upper

149 100

91 64.4 57.0 85.4

206 22.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.839 ng

RT: 21.003 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

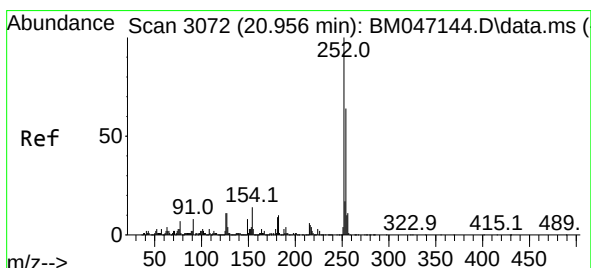
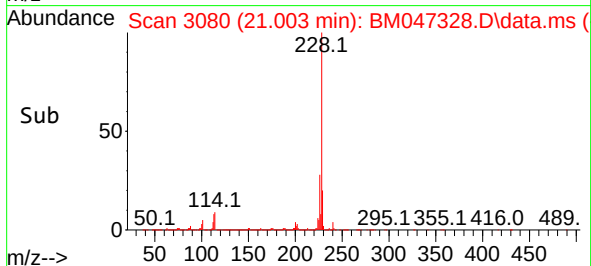
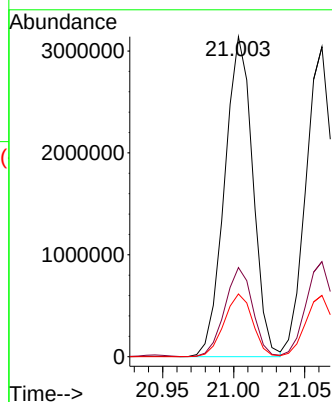
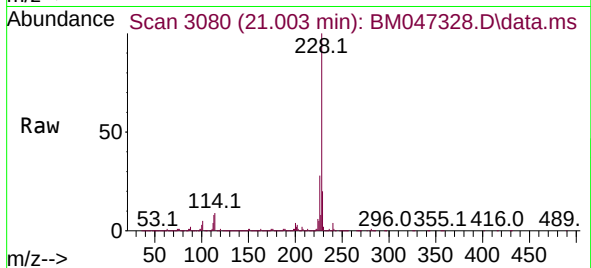
Tgt Ion:228 Resp: 4348696

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.265 ng

RT: 20.944 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

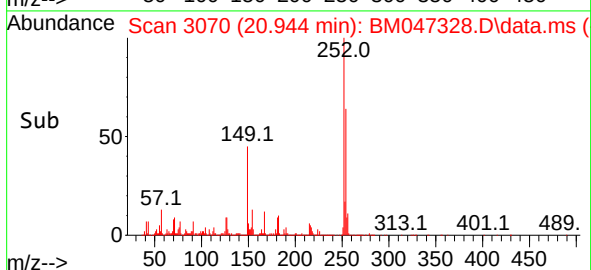
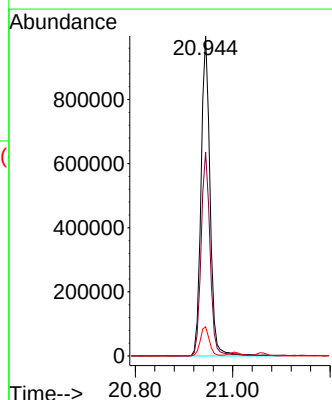
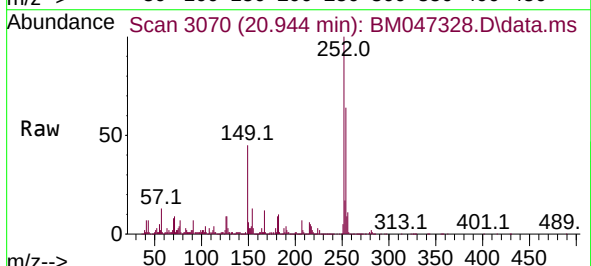
Tgt Ion:252 Resp: 1282498

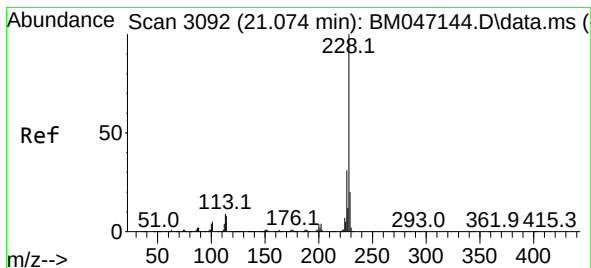
Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.6

126 9.1 8.5 12.7





#83

Chrysene

Concen: 43.766 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

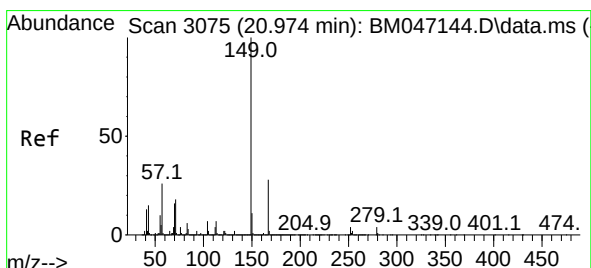
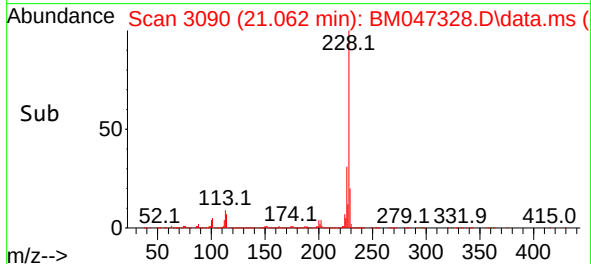
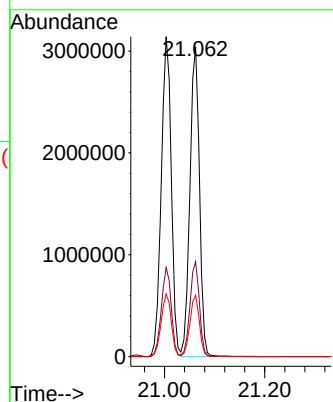
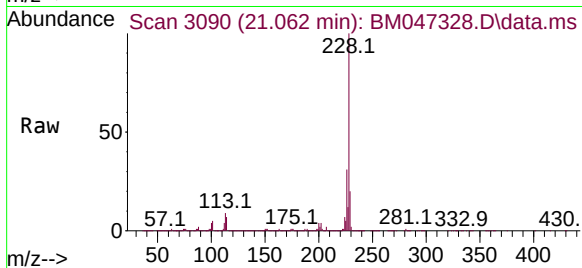
Tgt Ion:228 Resp: 4027164

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.538 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

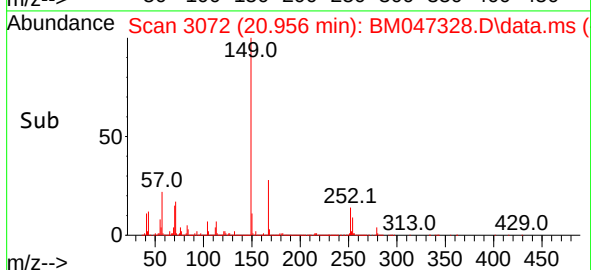
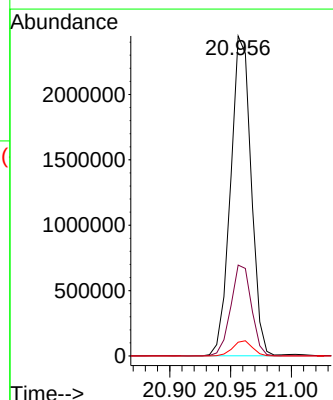
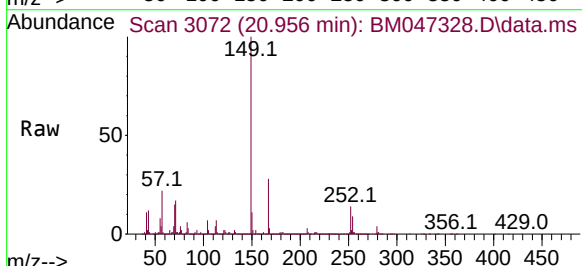
Tgt Ion:149 Resp: 2869944

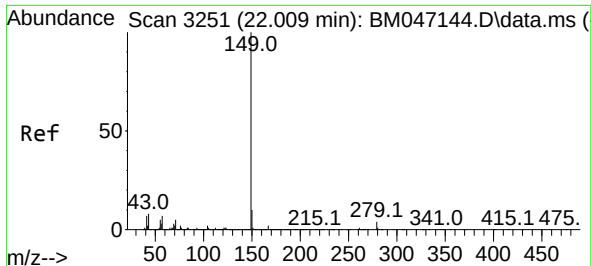
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

279 4.3 3.0 4.4

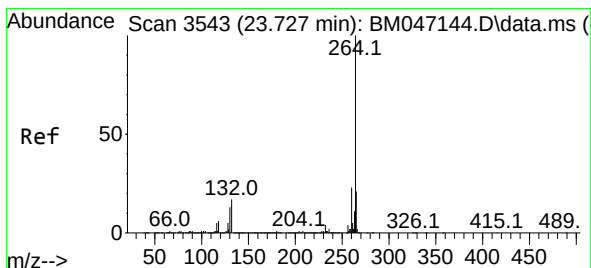
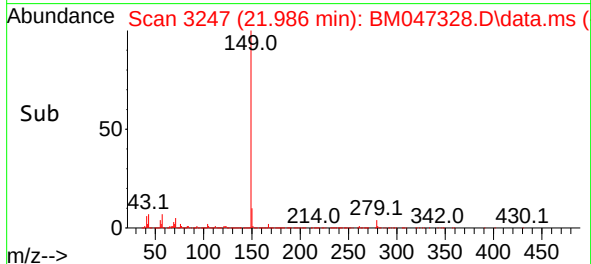
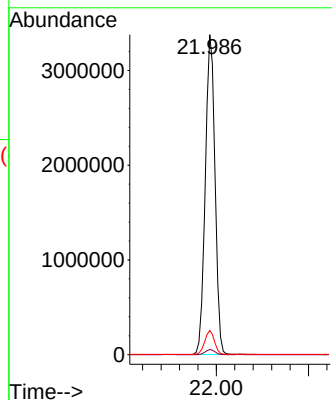
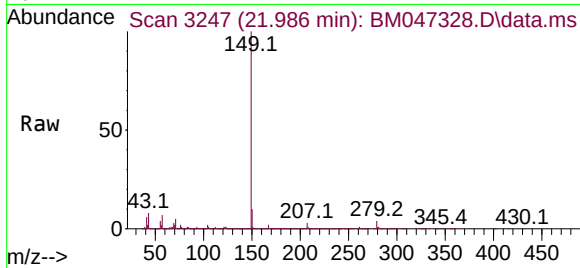




#85
Di-n-octyl phthalate
Concen: 48.496 ng
RT: 21.986 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

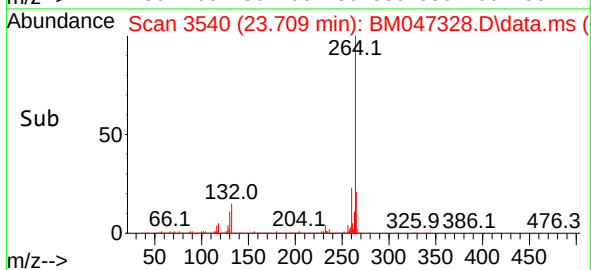
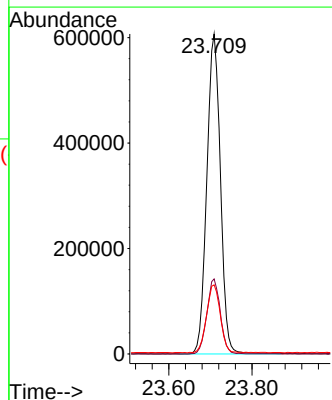
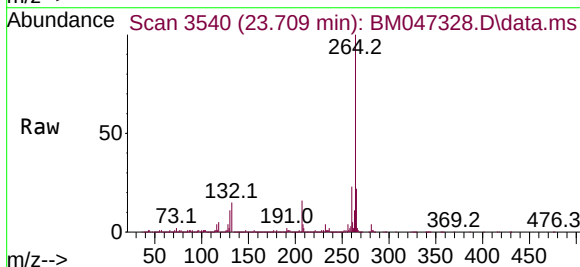
Instrument :
BNA_M
ClientSampleId :
PB162815BS

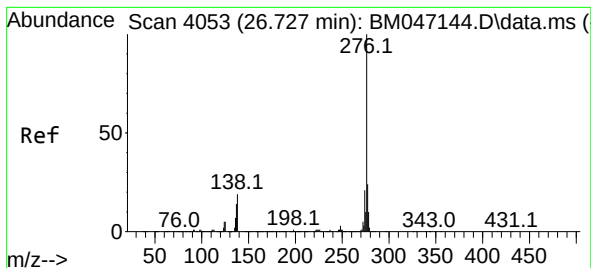
Tgt Ion:149 Resp: 4976430
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3540
Delta R.T. -0.018 min
Lab File: BM047328.D
Acq: 23 Aug 2024 11:28

Tgt Ion:264 Resp: 1376891
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.438 ng

RT: 26.703 min Scan# 4053

Delta R.T. -0.024 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

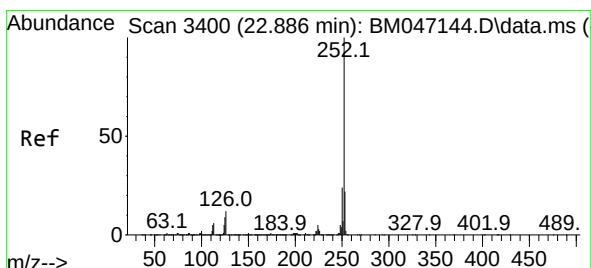
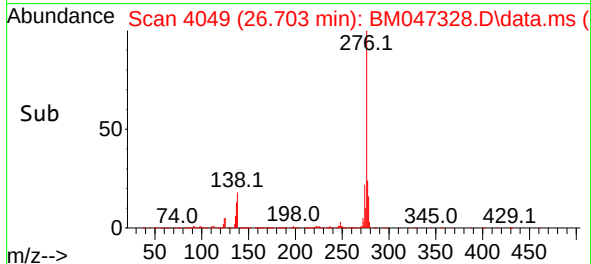
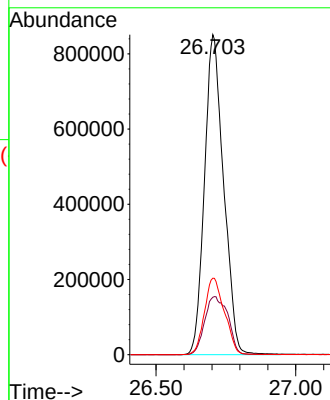
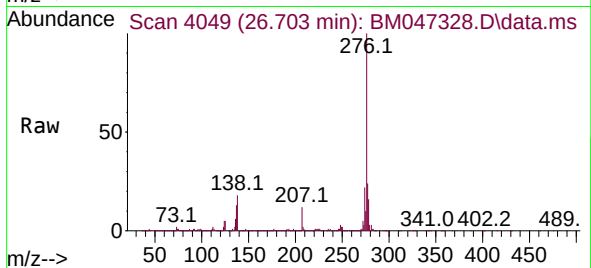
Tgt Ion:276 Resp: 4043944

Ion Ratio Lower Upper

276 100

138 22.2 19.4 29.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.308 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

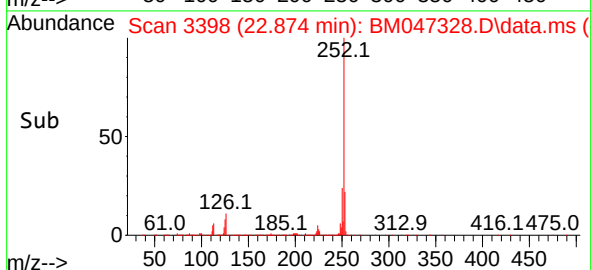
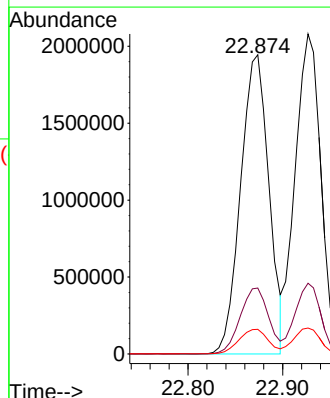
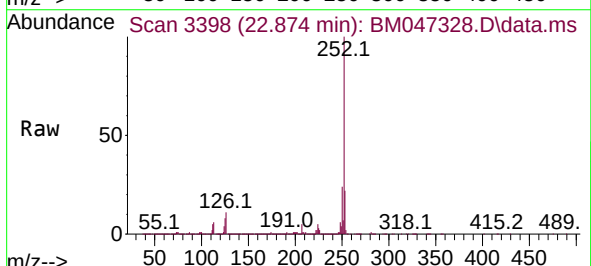
Tgt Ion:252 Resp: 4031798

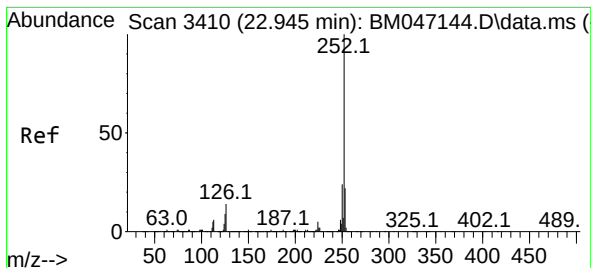
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.113 ng

RT: 22.927 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

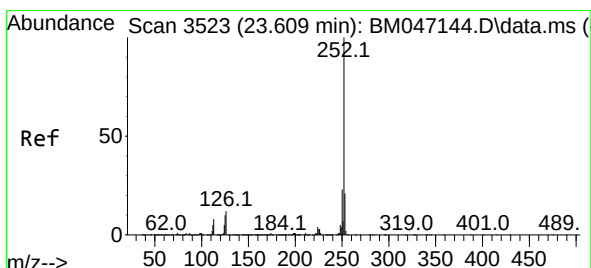
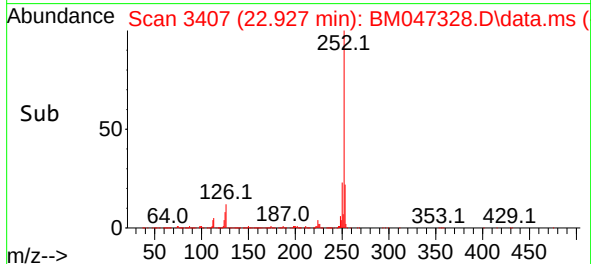
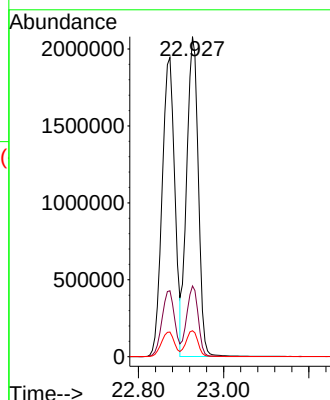
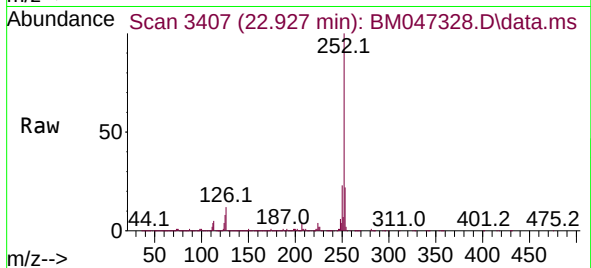
Tgt Ion:252 Resp: 3947676

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.884 ng

RT: 23.585 min Scan# 3519

Delta R.T. -0.024 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

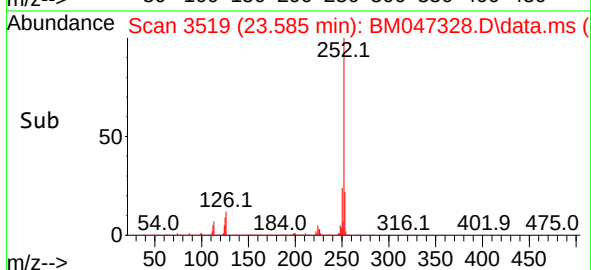
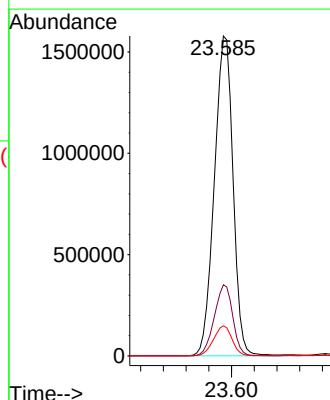
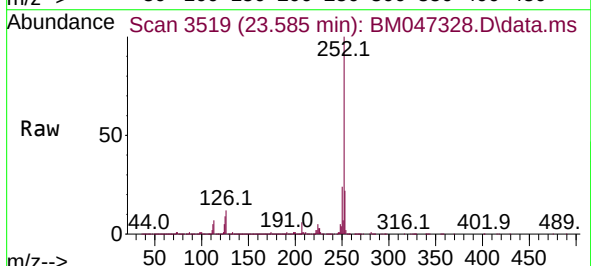
Tgt Ion:252 Resp: 3604243

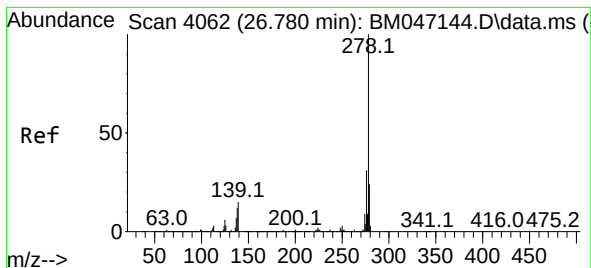
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 9.4 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 45.240 ng

RT: 26.756 min Scan# 40

Delta R.T. -0.024 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

PB162815BS

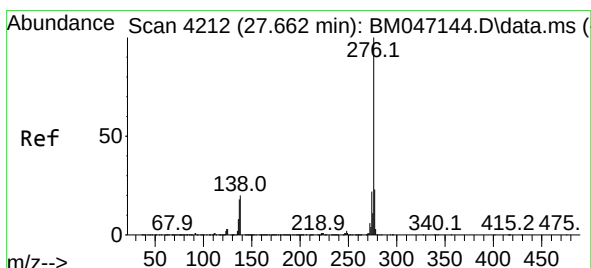
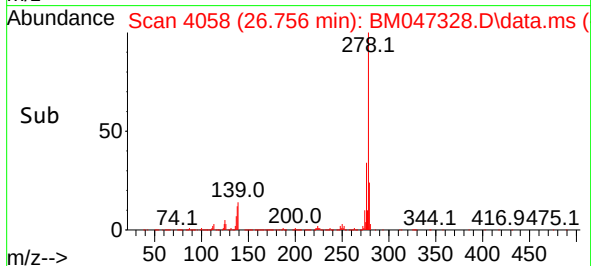
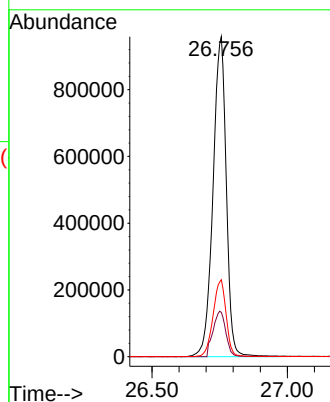
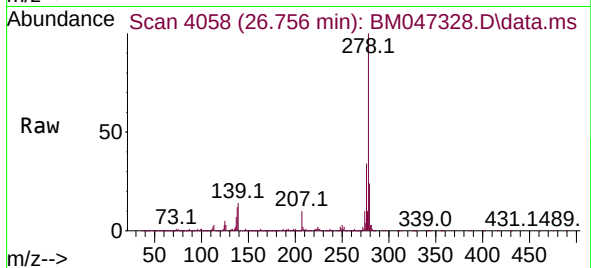
Tgt Ion:278 Resp: 3258378

Ion Ratio Lower Upper

278 100

139 13.9 12.0 18.0

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.628 ng

RT: 27.632 min Scan# 4207

Delta R.T. -0.030 min

Lab File: BM047328.D

Acq: 23 Aug 2024 11:28

Tgt Ion:276 Resp: 3187708

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 19.0 16.2 24.4

