

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047292.D
 Acq On : 21 Aug 2024 11:03
 Operator : RC/JU
 Sample : PB162815BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162815BS

Quant Time: Aug 21 11:50:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	277779	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1017520	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	609935	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1075761	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	721195	20.000	ng	-0.01
86) Perylene-d12	23.715	264	944995	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1874929	120.607	ng	0.00
7) Phenol-d6	6.575	99	2346113	109.525	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1571832	77.784	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	836052	118.215	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	3502265	88.572	ng	-0.02
79) Terphenyl-d14	19.450	244	3670802	109.064	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	207786	32.259	ng	97
3) Pyridine	3.399	79	566104	29.972	ng	96
4) n-Nitrosodimethylamine	3.316	42	298311	36.150	ng	99
6) Aniline	6.704	93	835103	41.246	ng	100
8) 2-Chlorophenol	6.934	128	748030	44.117	ng	99
9) Benzaldehyde	6.522	77	370350	29.808	ng	99
10) Phenol	6.598	94	856831	40.087	ng	99
11) bis(2-Chloroethyl)ether	6.810	93	721281	39.405	ng	98
12) 1,3-Dichlorobenzene	7.245	146	826006	40.996	ng	99
13) 1,4-Dichlorobenzene	7.392	146	841443	41.248	ng	99
14) 1,2-Dichlorobenzene	7.698	146	814523	42.317	ng	99
15) Benzyl Alcohol	7.610	79	655995	43.030	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.881	45	917556	39.065	ng	99
17) 2-Methylphenol	7.822	107	591429	41.476	ng	98
18) Hexachloroethane	8.404	117	323797	40.976	ng	96
19) n-Nitroso-di-n-propyla...	8.169	70	528830	36.651	ng	99
20) 3+4-Methylphenols	8.145	107	793994	39.829	ng	96
22) Acetophenone	8.175	105	1012872	41.239	ng	# 99
24) Nitrobenzene	8.545	77	816234	40.114	ng	99
25) Isophorone	9.069	82	1473278	41.873	ng	99
26) 2-Nitrophenol	9.245	139	421781	46.805	ng	96
27) 2,4-Dimethylphenol	9.328	122	576091	54.576	ng	98
28) bis(2-Chloroethoxy)met...	9.557	93	934183	42.196	ng	100
29) 2,4-Dichlorophenol	9.781	162	750608	47.924	ng	97
30) 1,2,4-Trichlorobenzene	9.981	180	782273	44.134	ng	98
31) Naphthalene	10.163	128	2135747	42.134	ng	100
32) Benzoic acid	9.510	122	453873	37.009	ng	97
33) 4-Chloroaniline	10.292	127	567518	29.114	ng	99
34) Hexachlorobutadiene	10.445	225	503978	48.578	ng	99
35) Caprolactam	11.098	113	198408	36.477	ng	90
36) 4-Chloro-3-methylphenol	11.439	107	680466	40.794	ng	99
37) 2-Methylnaphthalene	11.786	142	1522925	42.197	ng	98
38) 1-Methylnaphthalene	12.010	142	1411542	39.574	ng	98
40) 1,2,4,5-Tetrachloroben...	12.169	216	831858	50.003	ng	99
41) Hexachlorocyclopentadiene	12.145	237	1079145	185.766	ng	97
43) 2,4,6-Trichlorophenol	12.433	196	580109	49.060	ng	99

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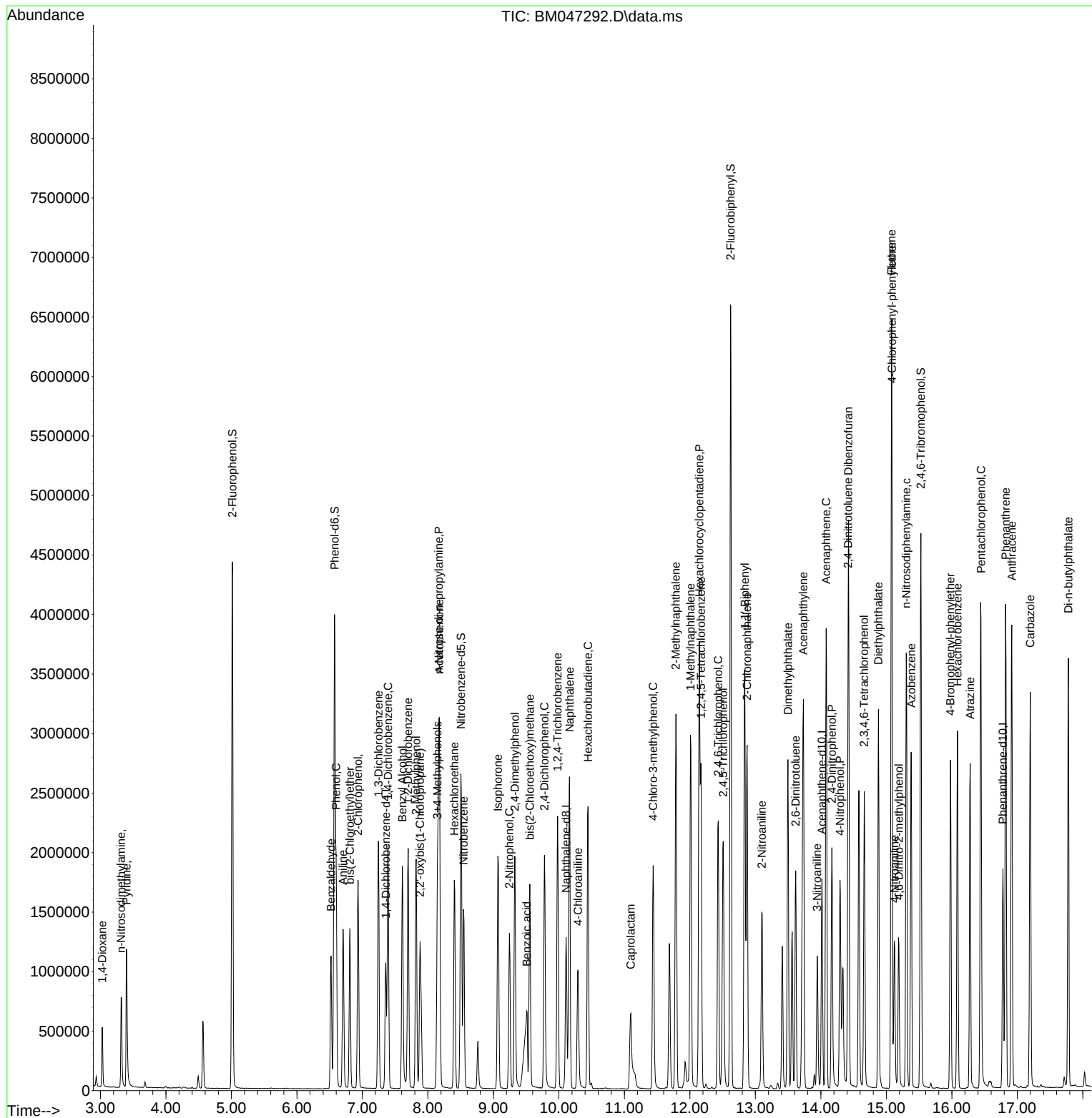
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	615336	46.869	ng	96
46) 1,1'-Biphenyl	12.839	154	1930287	44.454	ng	99
47) 2-Chloronaphthalene	12.874	162	1486728	43.806	ng	98
48) 2-Nitroaniline	13.098	65	431811	40.612	ng	98
49) Acenaphthylene	13.733	152	2312957	46.234	ng	100
50) Dimethylphthalate	13.498	163	1825286	42.849	ng	100
51) 2,6-Dinitrotoluene	13.616	165	407743	40.946	ng	90
52) Acenaphthene	14.080	154	1388307	43.749	ng	99
53) 3-Nitroaniline	13.945	138	290177	29.081	ng	99
54) 2,4-Dinitrophenol	14.168	184	488779	81.896	ng	93
55) Dibenzofuran	14.421	168	2164167	43.175	ng	99
56) 4-Nitrophenol	14.292	139	589453	68.507	ng	100
57) 2,4-Dinitrotoluene	14.416	165	507752	38.201	ng	98
58) Fluorene	15.080	166	1698770	41.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	486438	45.082	ng	95
60) Diethylphthalate	14.880	149	1735525	39.897	ng	99
61) 4-Chlorophenyl-phenyle...	15.086	204	850118	43.175	ng	96
62) 4-Nitroaniline	15.127	138	328745	33.442	ng	94
63) Azobenzene	15.380	77	1591808	38.593	ng	95
65) 4,6-Dinitro-2-methylph...	15.192	198	303247	48.147	ng	88
66) n-Nitrosodiphenylamine	15.304	169	1462770	49.922	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	534852	51.596	ng	98
68) Hexachlorobenzene	16.086	284	600549	48.372	ng	96
69) Atrazine	16.280	200	506729	57.471	ng	98
70) Pentachlorophenol	16.445	266	746422	85.768	ng	98
71) Phenanthrene	16.821	178	2427454	44.963	ng	100
72) Anthracene	16.915	178	2474574	47.107	ng	100
73) Carbazole	17.198	167	2140523	39.908	ng	99
74) Di-n-butylphthalate	17.780	149	2616925	41.932	ng	99
75) Fluoranthene	18.856	202	2484362	37.833	ng	100
77) Benzidine	19.068	184	1124105	91.911	ng	99
78) Pyrene	19.227	202	2591775	50.330	ng	99
80) Butylbenzylphthalate	20.162	149	1001227	47.643	ng	96
81) Benzo(a)anthracene	21.003	228	2224398	46.461	ng	100
82) 3,3'-Dichlorobenzidine	20.945	252	734775	49.051	ng	97
83) Chrysene	21.062	228	2111081	46.475	ng	99
84) Bis(2-ethylhexyl)phtha...	20.962	149	1362962	45.732	ng	99
85) Di-n-octyl phthalate	21.991	149	2293996	45.285	ng	98
87) Indeno(1,2,3-cd)pyrene	26.709	276	3296057	53.961	ng	98
88) Benzo(b)fluoranthene	22.874	252	2433630	43.365	ng	100
89) Benzo(k)fluoranthene	22.933	252	2318465	43.738	ng	99
90) Benzo(a)pyrene	23.591	252	2382473	49.007	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	2620519	53.012	ng	99
92) Benzo(g,h,i)perylene	27.638	276	2621227	51.073	ng	98

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

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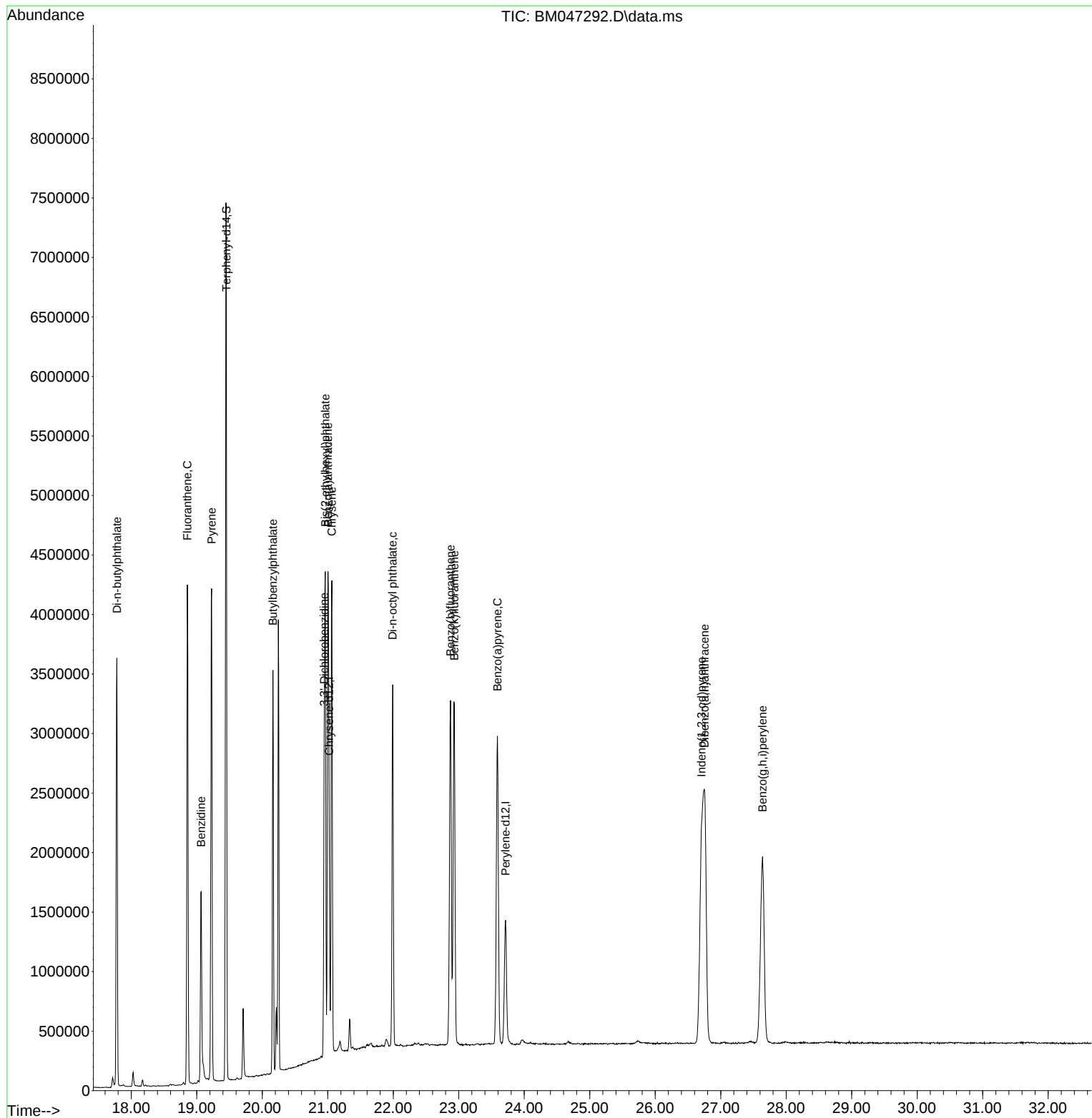
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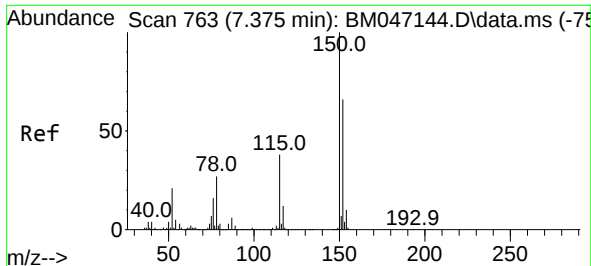


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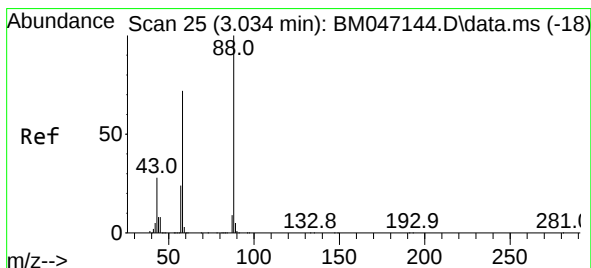
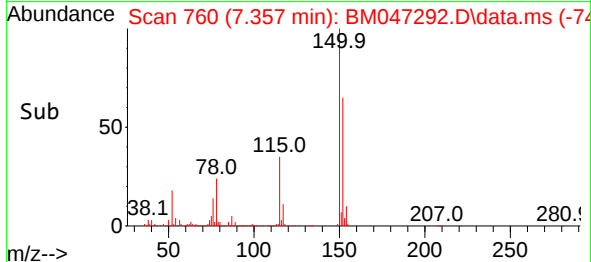
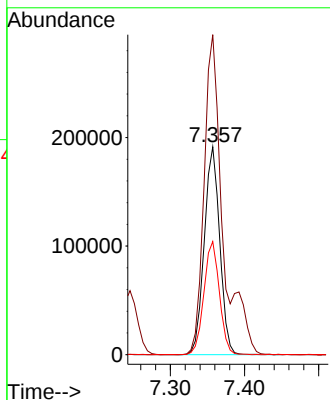
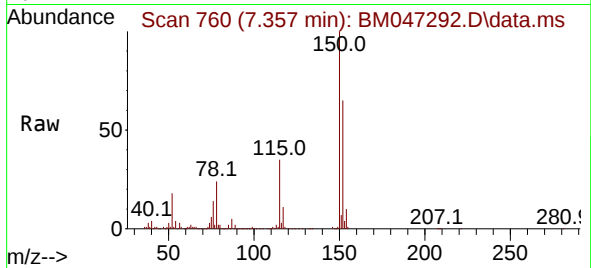




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.357 min Scan# 70
 Delta R.T. -0.018 min
 Lab File: BM047292.D
 Acq: 21 Aug 2024 11:03

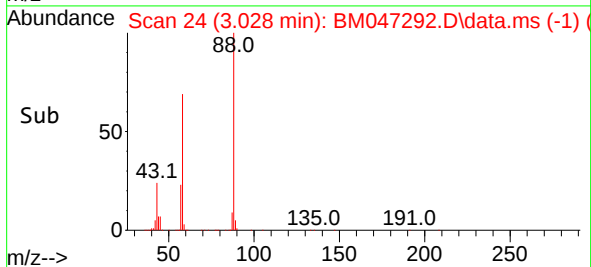
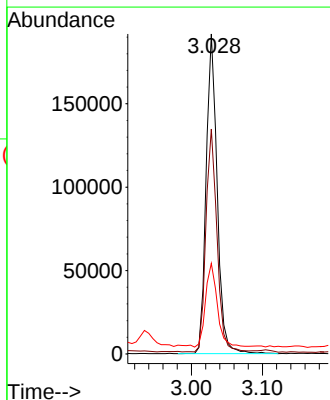
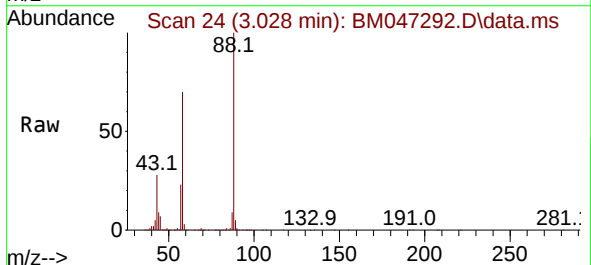
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Tgt Ion:152 Resp: 277779
 Ion Ratio Lower Upper
 152 100
 150 154.0 120.5 180.7
 115 54.4 45.5 68.3



#2
 1,4-Dioxane
 Concen: 32.259 ng
 RT: 3.028 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM047292.D
 Acq: 21 Aug 2024 11:03

Tgt Ion: 88 Resp: 207786
 Ion Ratio Lower Upper
 88 100
 58 69.5 58.2 87.4
 43 27.8 22.5 33.7

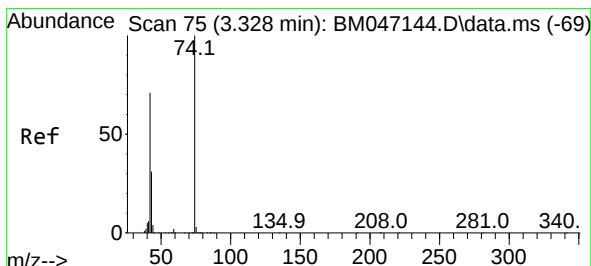
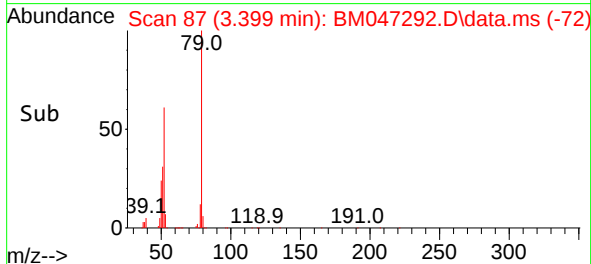
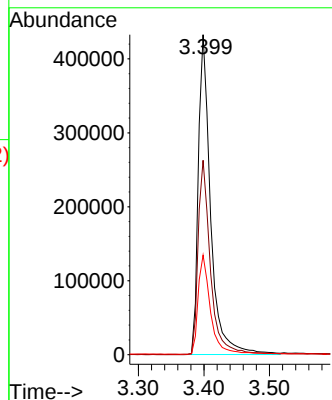
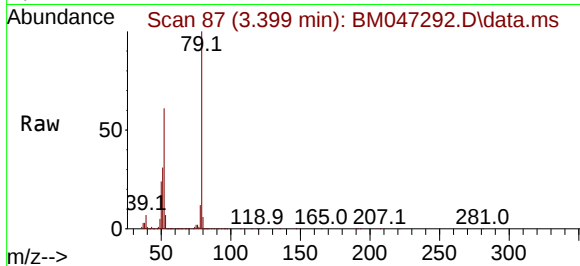




#3
 Pyridine
 Concen: 29.972 ng
 RT: 3.399 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047292.D
 Acq: 21 Aug 2024 11:03

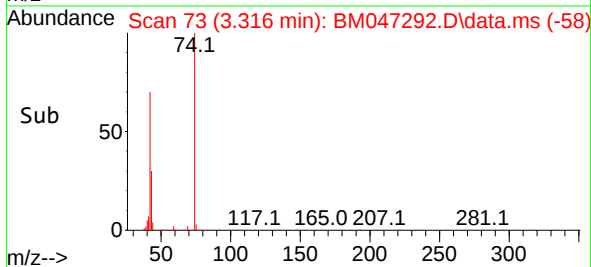
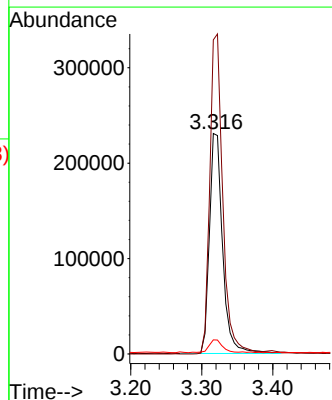
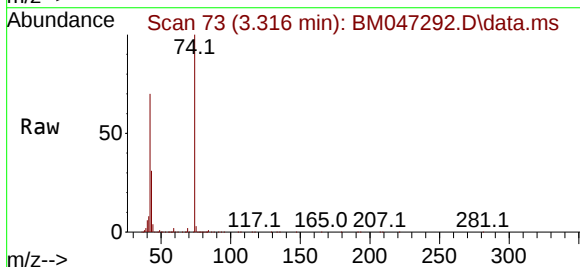
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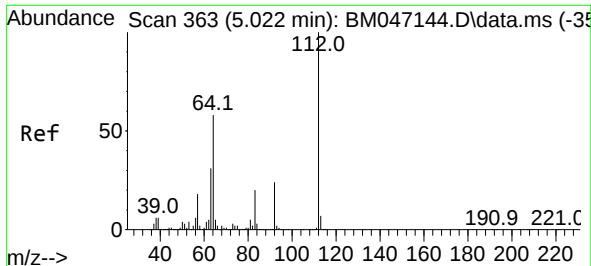
Tgt Ion: 79 Resp: 566104
 Ion Ratio Lower Upper
 79 100
 52 60.7 51.2 76.8
 51 31.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 36.150 ng
 RT: 3.316 min Scan# 73
 Delta R.T. -0.012 min
 Lab File: BM047292.D
 Acq: 21 Aug 2024 11:03

Tgt Ion: 42 Resp: 298311
 Ion Ratio Lower Upper
 42 100
 74 142.5 112.9 169.3
 44 6.4 5.3 7.9

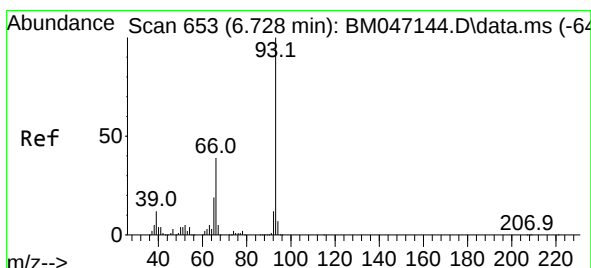
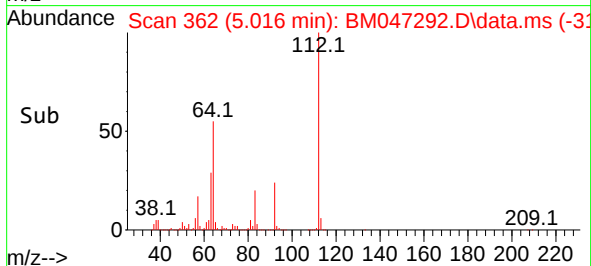
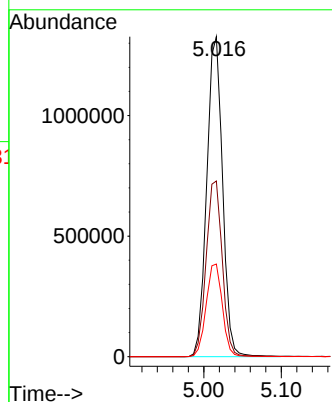
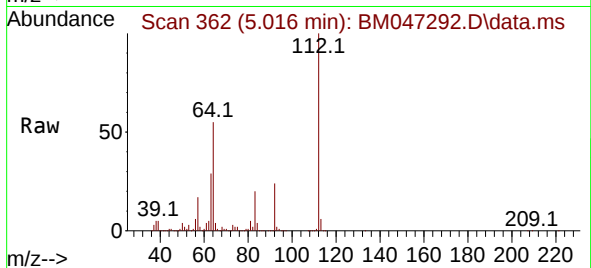




#5
2-Fluorophenol
Concen: 120.607 ng
RT: 5.016 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047292.D
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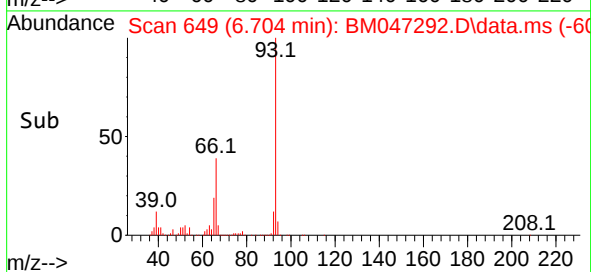
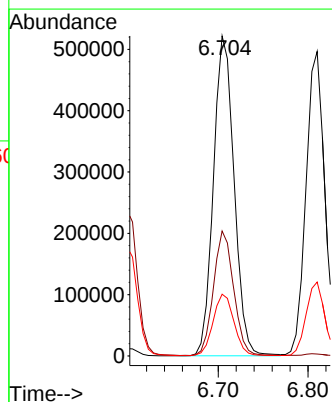
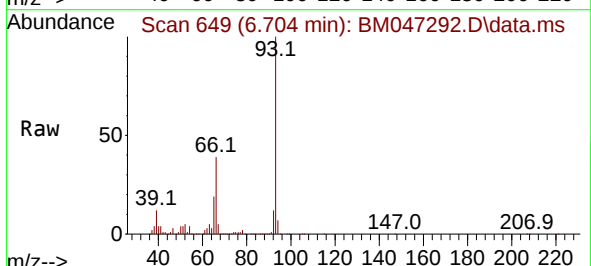
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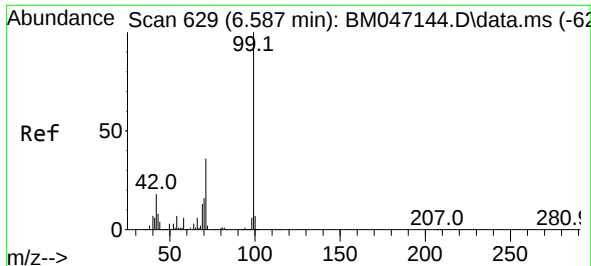
Tgt Ion:112 Resp: 1874929
Ion Ratio Lower Upper
112 100
64 54.9 46.7 70.1
63 28.9 24.8 37.2



#6
Aniline
Concen: 41.246 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion: 93 Resp: 835103
Ion Ratio Lower Upper
93 100
66 39.1 31.4 47.2
65 19.3 15.6 23.4

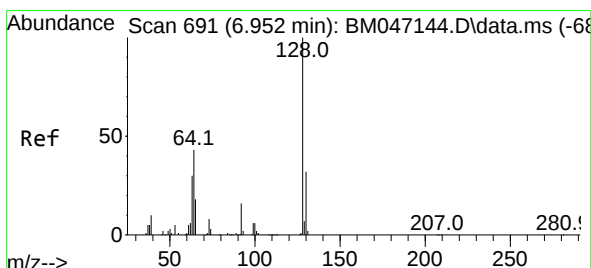
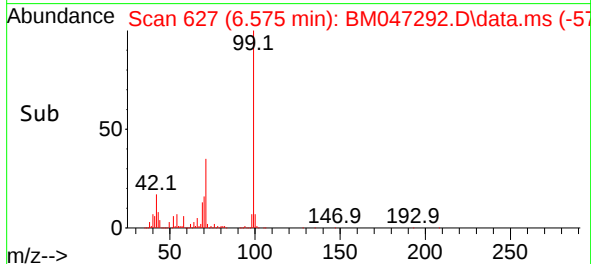
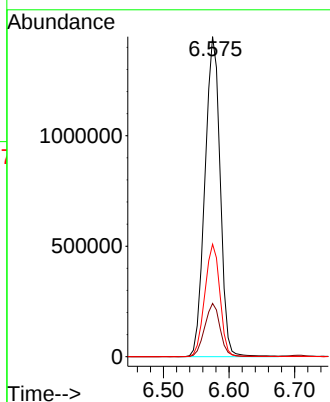
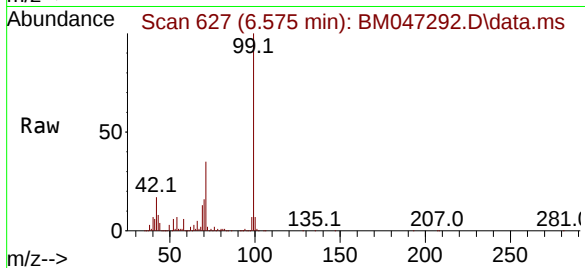




#7
Phenol-d6
Concen: 109.525 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
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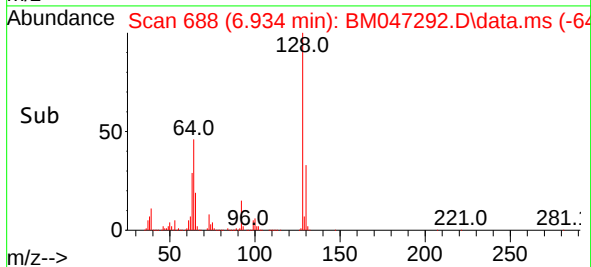
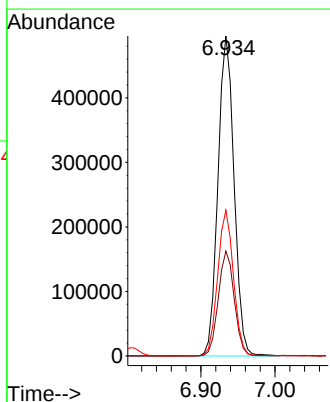
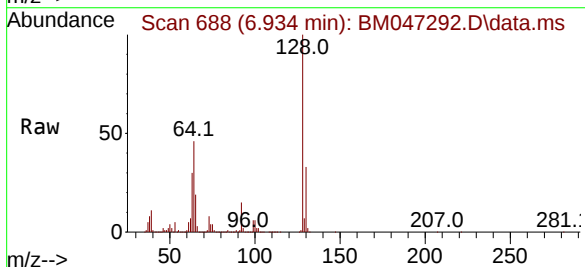
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Tgt Ion: 99 Resp: 2346113
Ion Ratio Lower Upper
99 100
42 16.6 14.1 21.1
71 35.2 28.5 42.7



#8
2-Chlorophenol
Concen: 44.117 ng
RT: 6.934 min Scan# 688
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion: 128 Resp: 748030
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 45.6 26.6 66.6

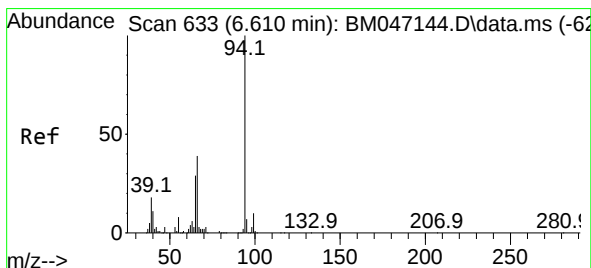
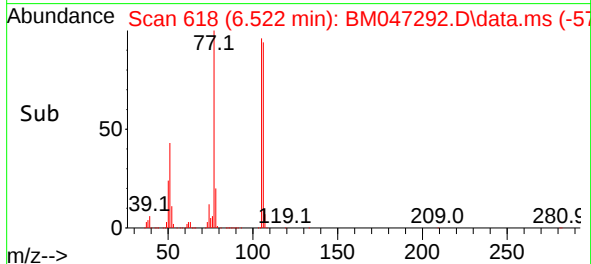
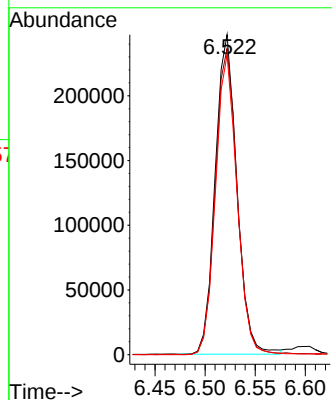
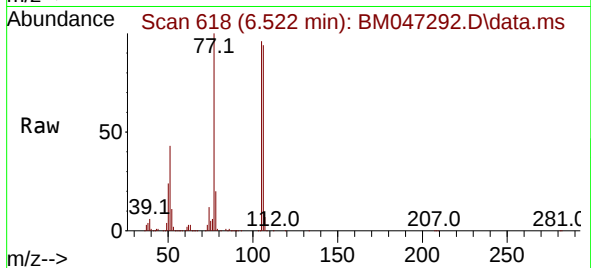




#9
Benzaldehyde
Concen: 29.808 ng
RT: 6.522 min Scan# 61
Delta R.T. -0.018 min
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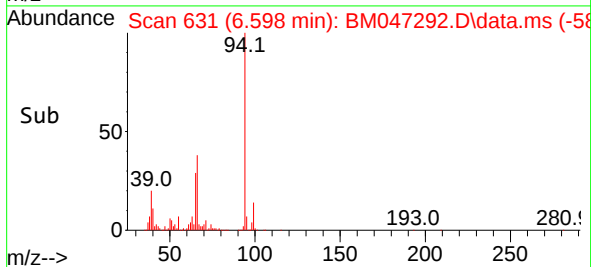
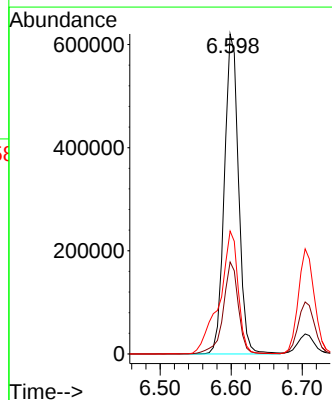
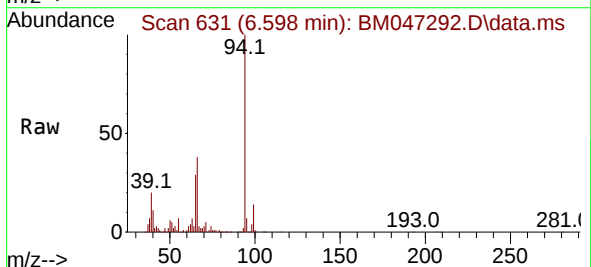
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Tgt Ion: 77 Resp: 370350
Ion Ratio Lower Upper
77 100
105 95.7 74.5 114.5
106 93.7 72.3 112.3



#10
Phenol
Concen: 40.087 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion: 94 Resp: 856831
Ion Ratio Lower Upper
94 100
65 28.7 9.0 49.0
66 38.4 18.9 58.9

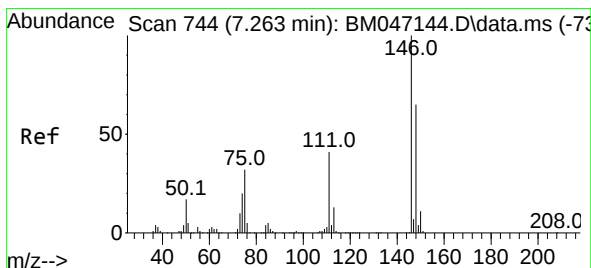
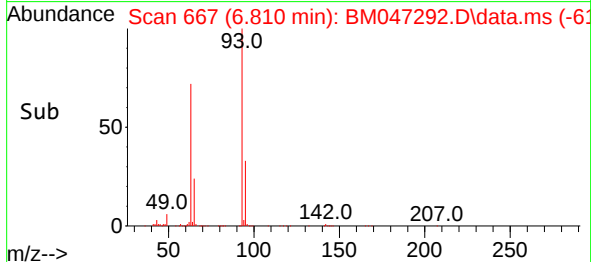
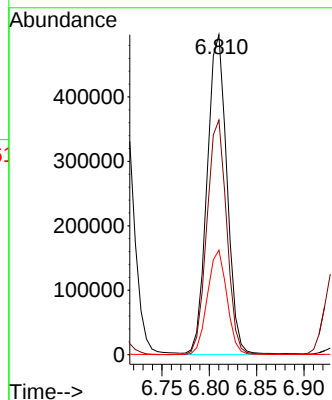
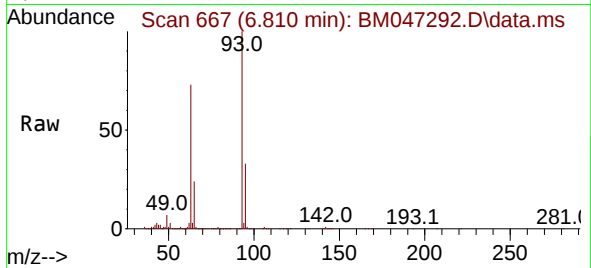




#11
bis(2-Chloroethyl)ether
Concen: 39.405 ng
RT: 6.810 min Scan# 609
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

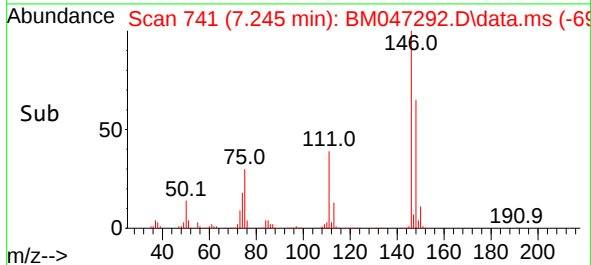
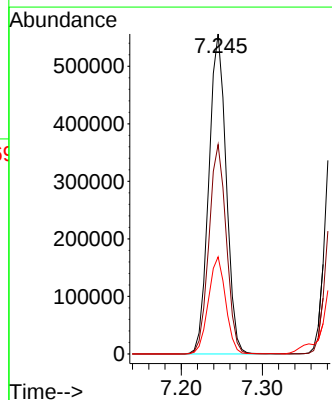
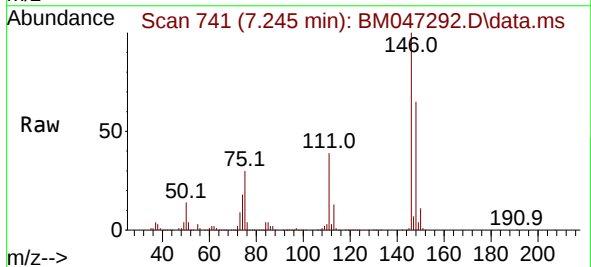
Instrument :
BNA_M
ClientSampleId :
PB162815BS

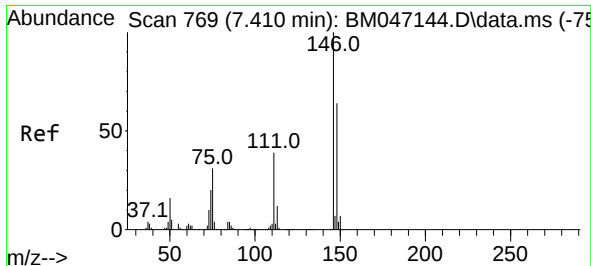
Tgt Ion: 93 Resp: 721281
Ion Ratio Lower Upper
93 100
63 73.3 55.8 95.8
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.996 ng
RT: 7.245 min Scan# 741
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion: 146 Resp: 826006
Ion Ratio Lower Upper
146 100
148 65.5 52.3 78.5
75 30.4 25.8 38.6

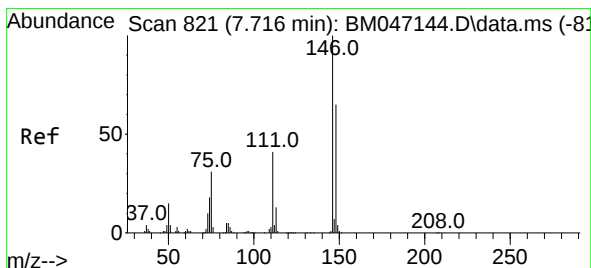
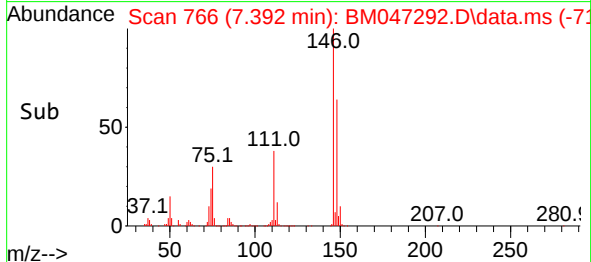
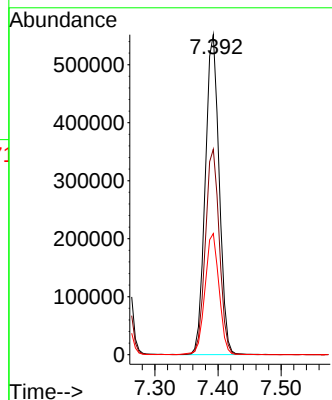
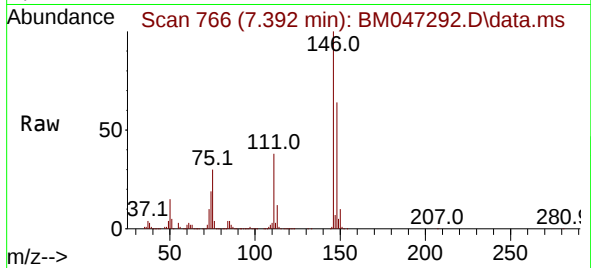




#13
1,4-Dichlorobenzene
Concen: 41.248 ng
RT: 7.392 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

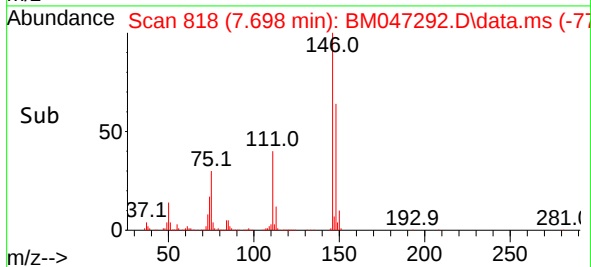
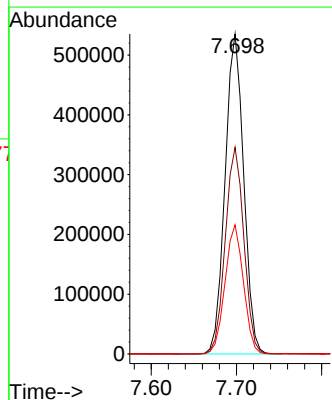
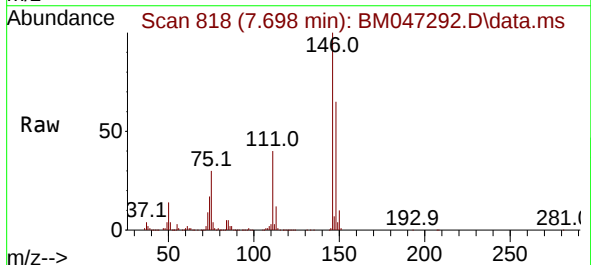
Instrument :
BNA_M
ClientSampleId :
PB162815BS

Tgt Ion:146 Resp: 841443
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 37.9 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 42.317 ng
RT: 7.698 min Scan# 818
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:146 Resp: 814523
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
111 40.3 33.3 49.9

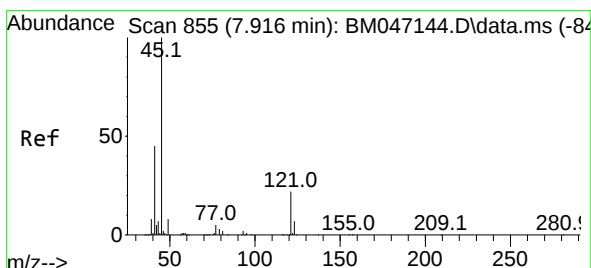
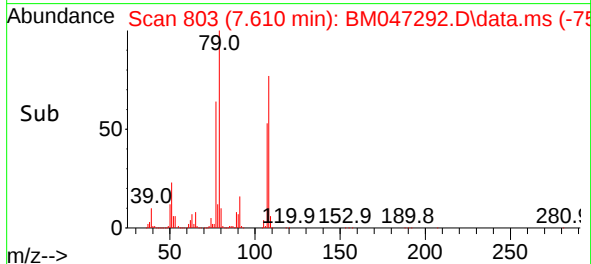
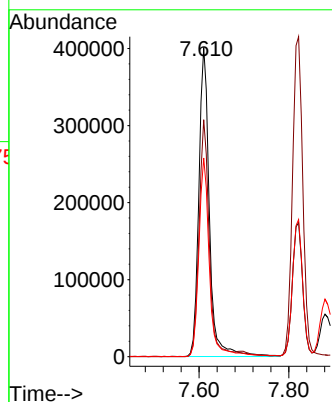
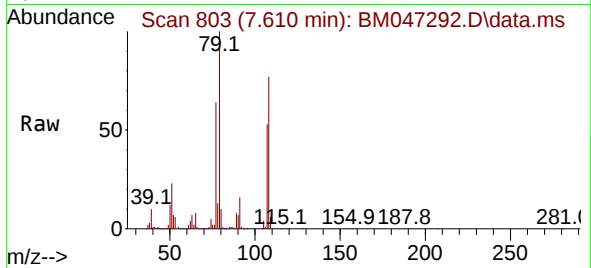




#15
Benzyl Alcohol
Concen: 43.030 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

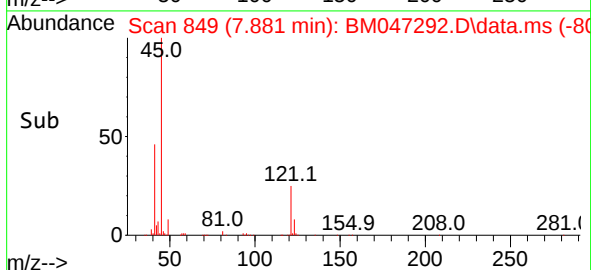
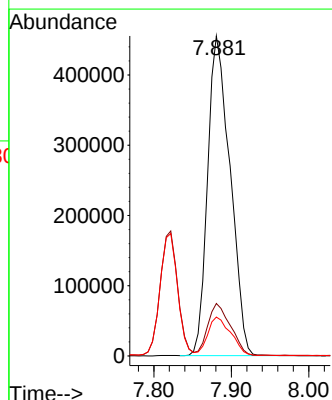
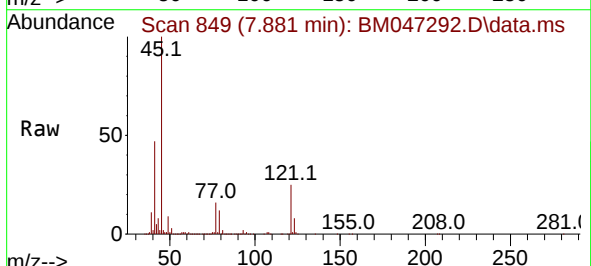
Instrument :
BNA_M
ClientSampleId :
PB162815BS

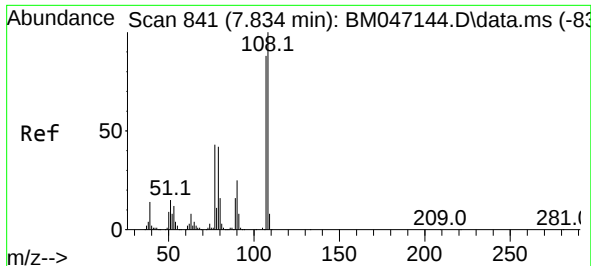
Tgt Ion: 79 Resp: 655995
Ion Ratio Lower Upper
79 100
108 76.7 59.7 89.5
77 64.3 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.065 ng
RT: 7.881 min Scan# 849
Delta R.T. -0.036 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

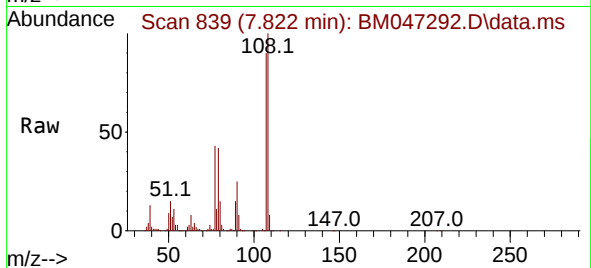
Tgt Ion: 45 Resp: 917556
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 12.1 0.0 32.4



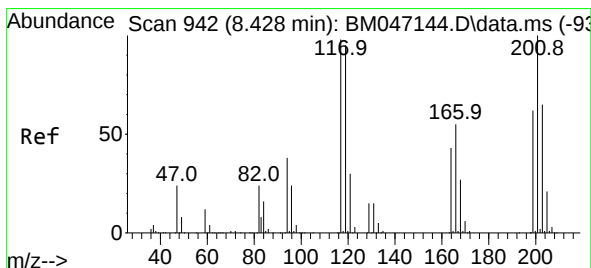
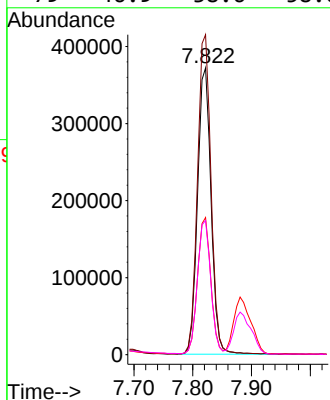
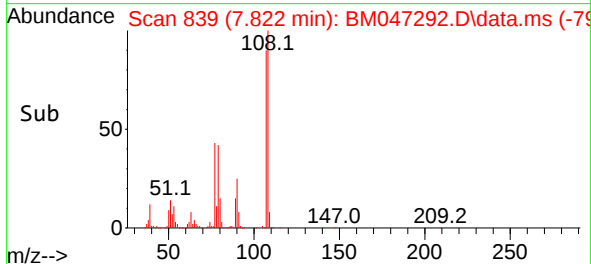


#17
2-Methylphenol
Concen: 41.476 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

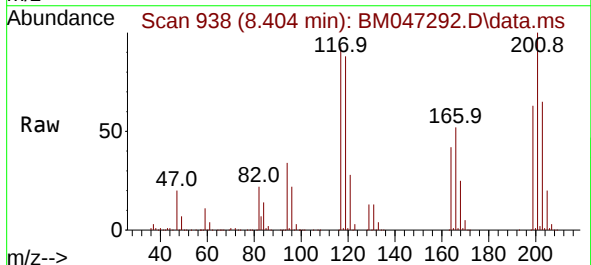
Instrument :
BNA_M
ClientSampleId :
PB162815BS



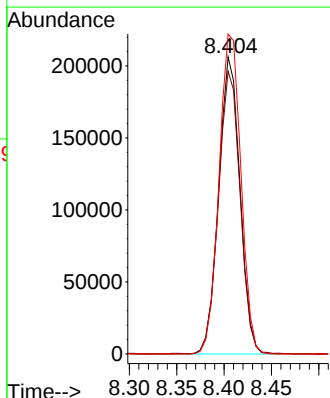
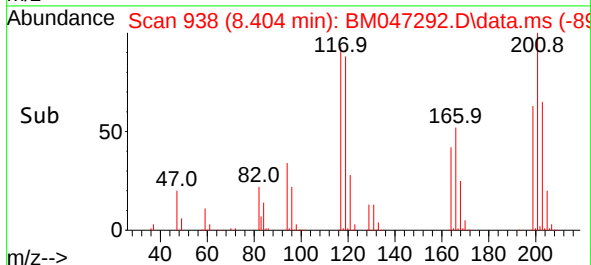
Tgt Ion:	107	Resp:	591429
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.6	135.8
77	47.8	39.3	58.9
79	46.9	38.6	58.0

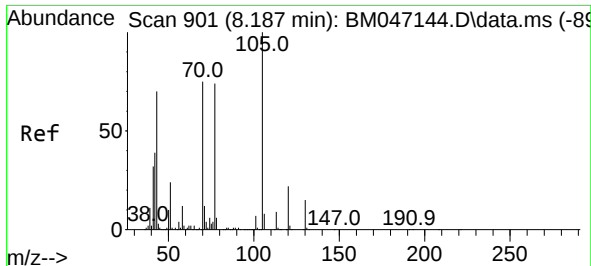


#18
Hexachloroethane
Concen: 40.976 ng
RT: 8.404 min Scan# 938
Delta R.T. -0.024 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03



Tgt Ion:	117	Resp:	323797
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.4
201	107.7	81.3	121.9



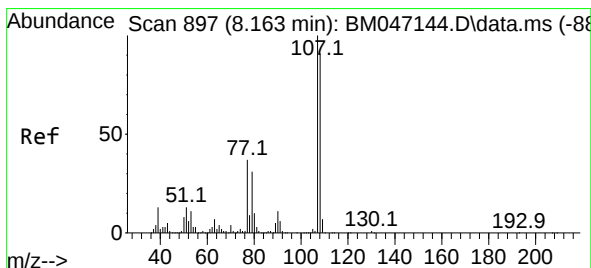
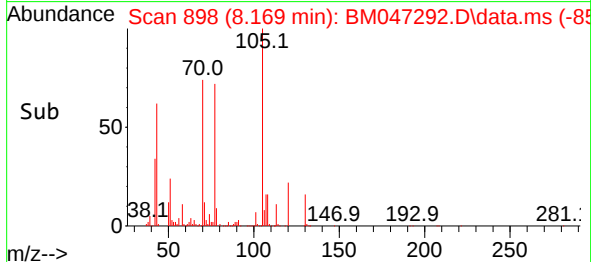
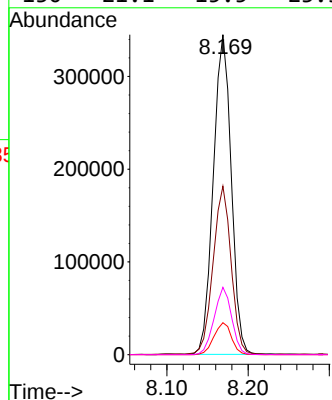
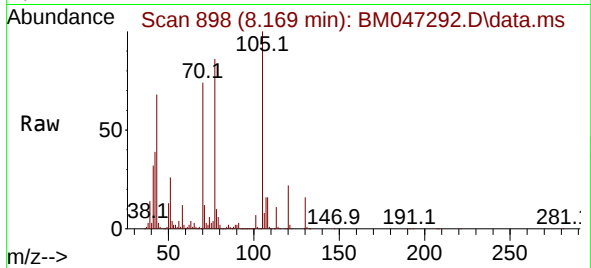


#19
n-Nitroso-di-n-propylamine
Concen: 36.651 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Instrument :
BNA_M
ClientSampleId :
PB162815BS

Tgt Ion: 70 Resp: 528830

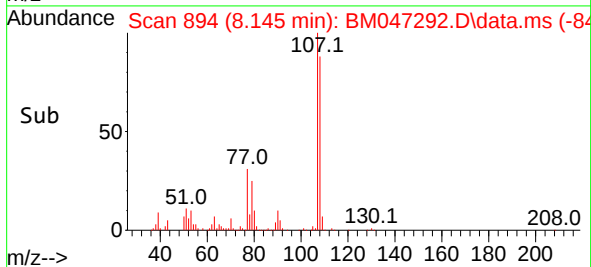
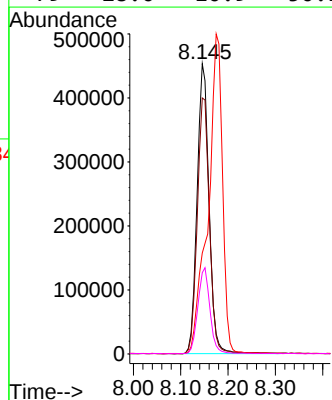
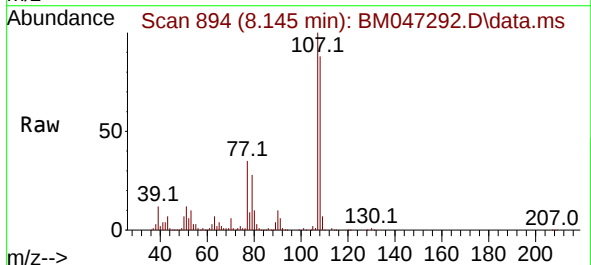
Ion	Ratio	Lower	Upper
70	100		
42	52.7	42.0	63.0
101	10.0	7.2	10.8
130	21.1	15.5	23.3

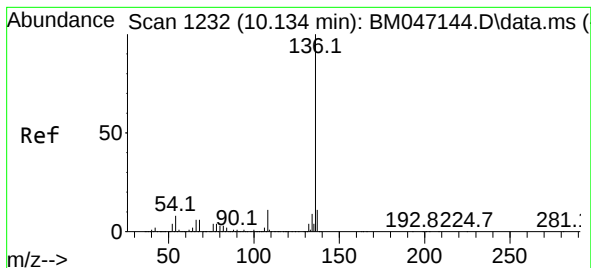


#20
3+4-Methylphenols
Concen: 39.829 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion: 107 Resp: 793994

Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.7	110.7
77	34.8	17.4	57.4
79	28.0	10.9	50.9

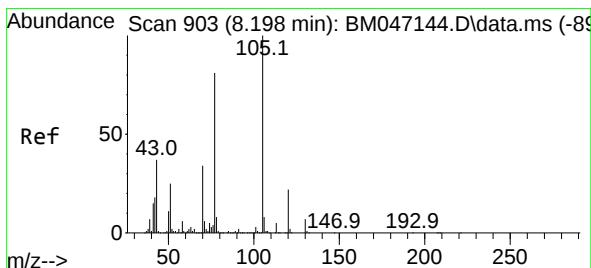
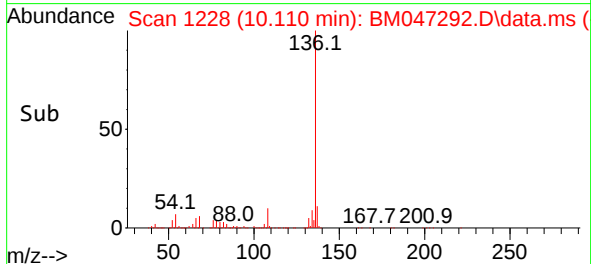
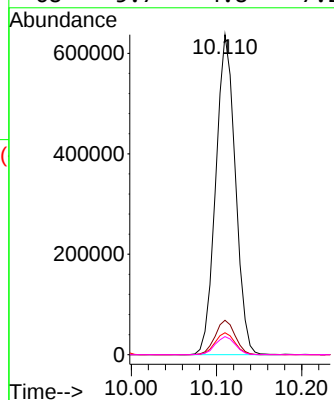
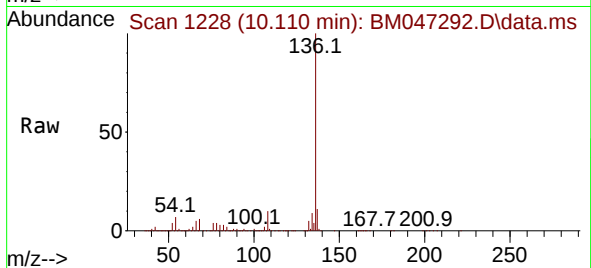




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

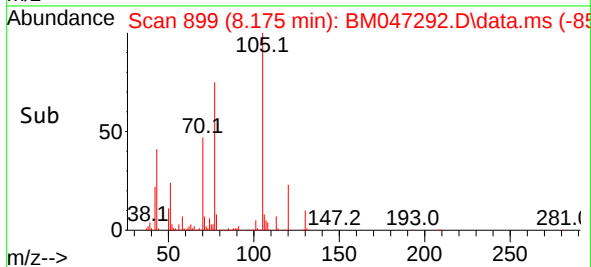
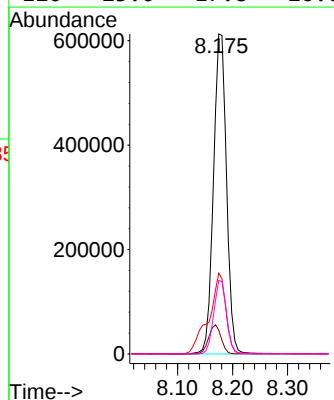
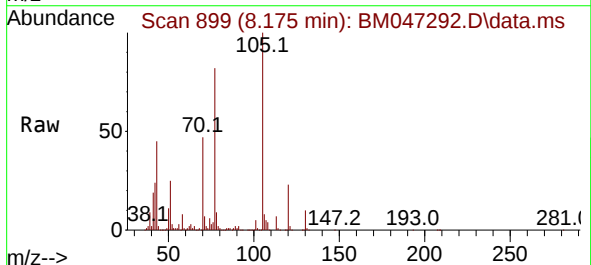
Instrument :
BNA_M
ClientSampleId :
PB162815BS

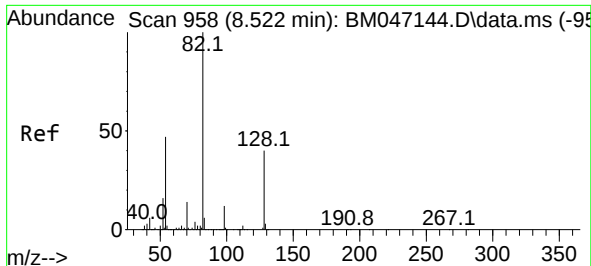
Tgt Ion:136 Resp: 1017520
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 6.0 9.0
68 5.7 4.8 7.2



#22
Acetophenone
Concen: 41.239 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.024 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:105 Resp: 1012872
Ion Ratio Lower Upper
105 100
71 7.4 4.5 6.7#
51 25.3 20.1 30.1
120 23.0 17.8 26.6

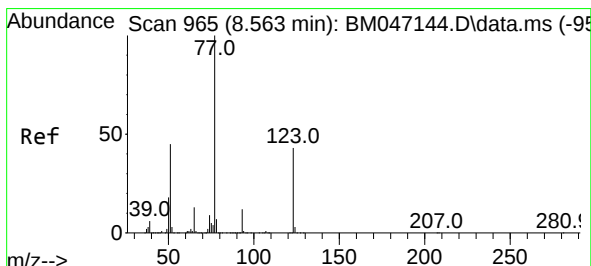
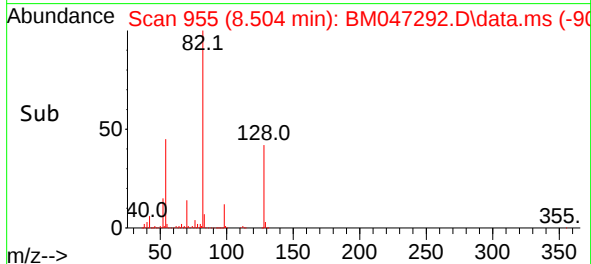
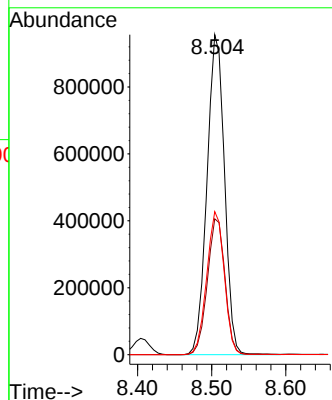
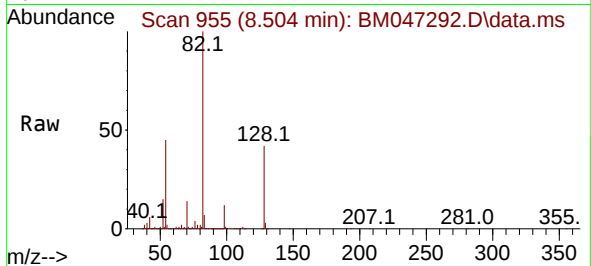




#23
Nitrobenzene-d5
Concen: 77.784 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

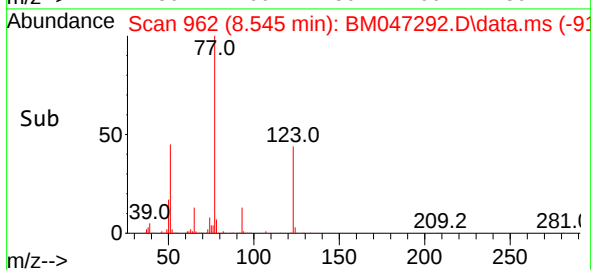
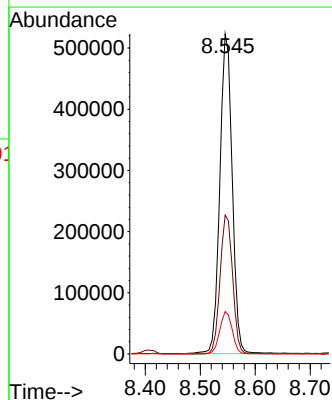
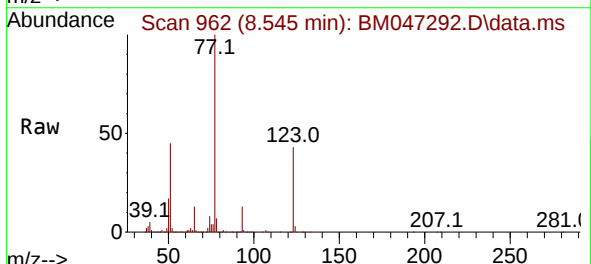
Instrument :
BNA_M
ClientSampleId :
PB162815BS

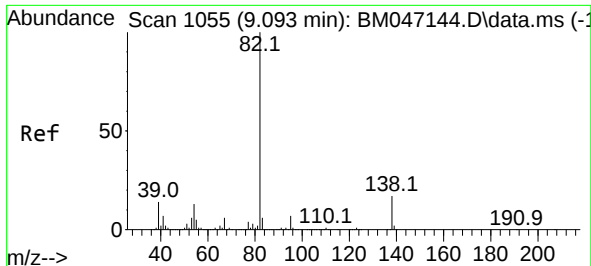
Tgt Ion: 82 Resp: 1571832
Ion Ratio Lower Upper
82 100
128 42.5 32.3 48.5
54 44.7 37.4 56.2



#24
Nitrobenzene
Concen: 40.114 ng
RT: 8.545 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion: 77 Resp: 816234
Ion Ratio Lower Upper
77 100
123 43.4 34.0 51.0
65 13.3 10.5 15.7

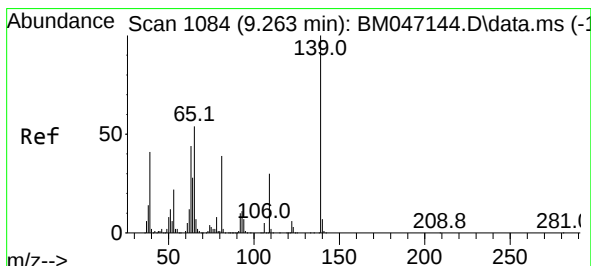
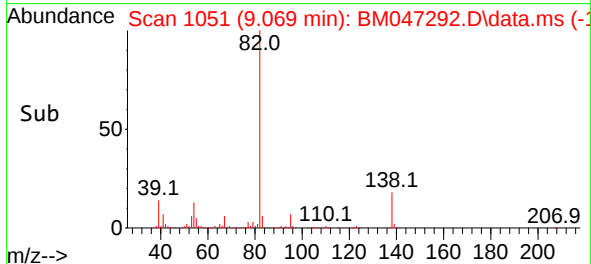
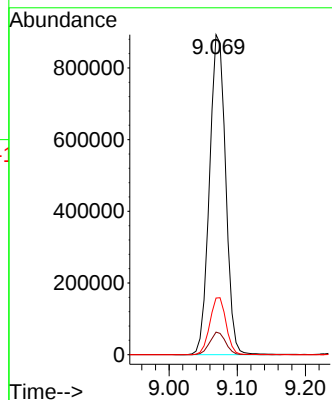
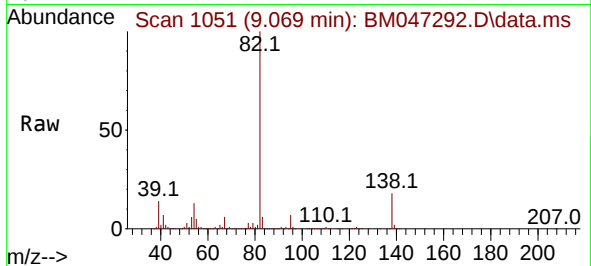




#25
Isophorone
Concen: 41.873 ng
RT: 9.069 min Scan# 1051
Delta R.T. -0.024 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

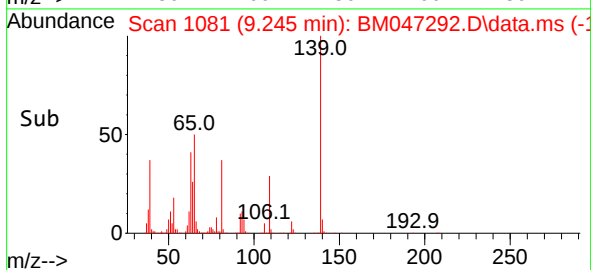
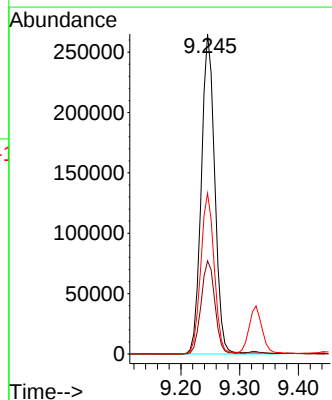
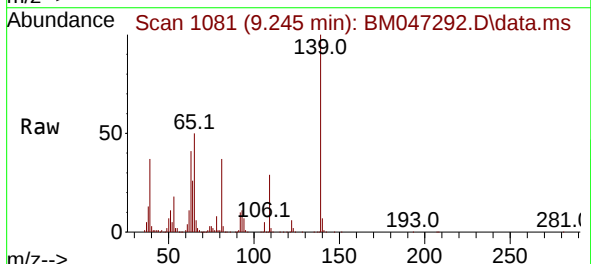
Instrument :
BNA_M
ClientSampleId :
PB162815BS

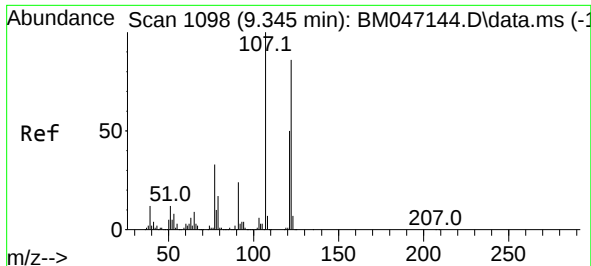
Tgt Ion: 82 Resp: 1473278
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.7 13.5 20.3



#26
2-Nitrophenol
Concen: 46.805 ng
RT: 9.245 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

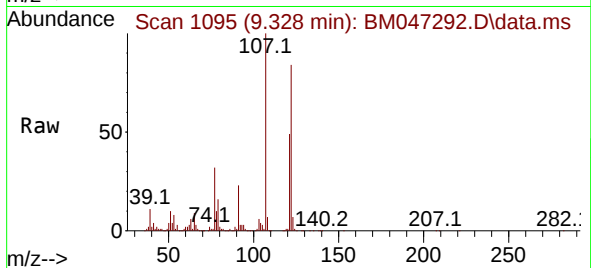
Tgt Ion: 139 Resp: 421781
Ion Ratio Lower Upper
139 100
109 29.1 24.4 36.6
65 50.3 43.0 64.6



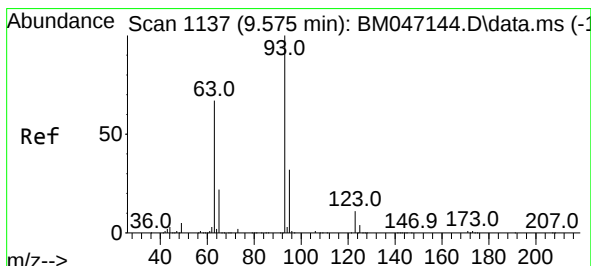
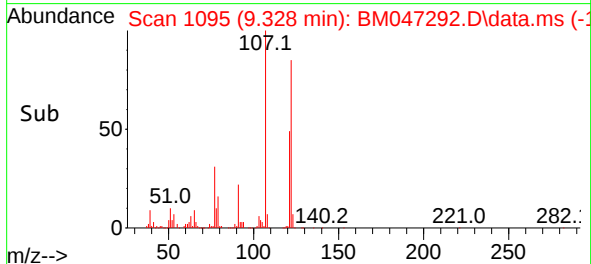
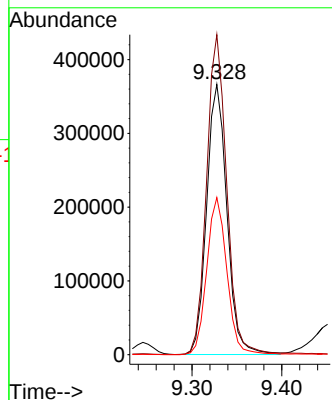


#27
2,4-Dimethylphenol
Concen: 54.576 ng
RT: 9.328 min Scan# 1095
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Instrument :
BNA_M
ClientSampleId :
PB162815BS

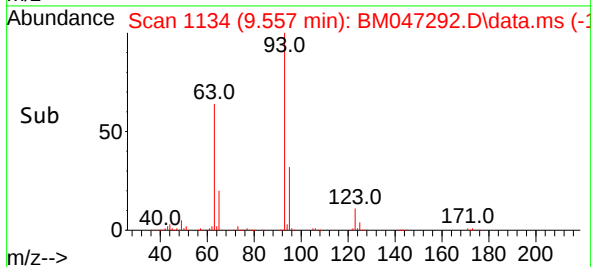
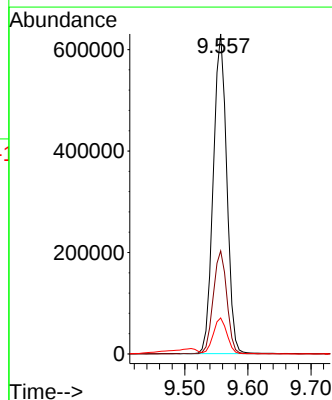
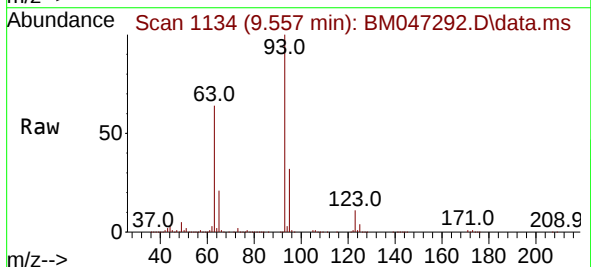


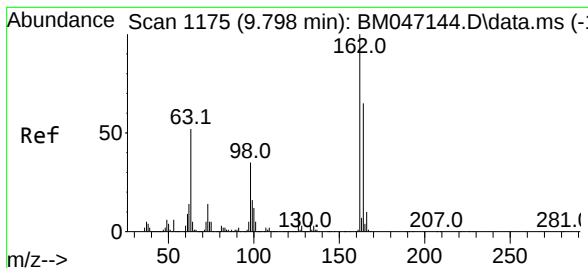
Tgt Ion:122 Resp: 576091
Ion Ratio Lower Upper
122 100
107 118.4 92.8 139.2
121 58.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.196 ng
RT: 9.557 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion: 93 Resp: 934183
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 47.924 ng

RT: 9.781 min Scan# 1175

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

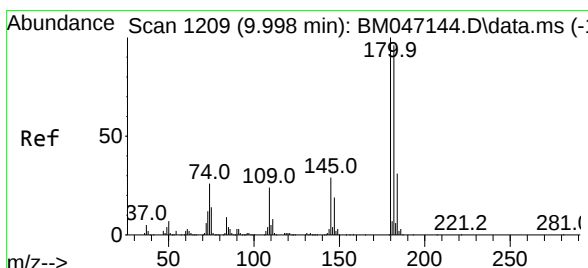
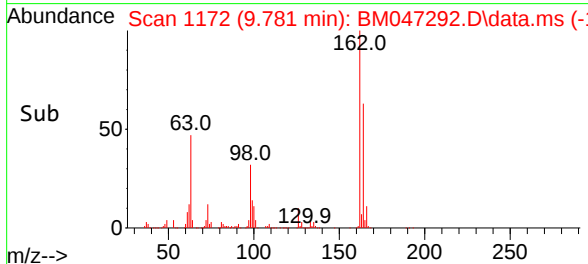
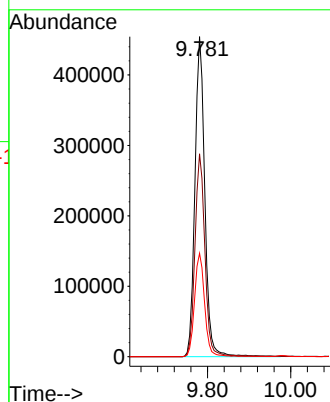
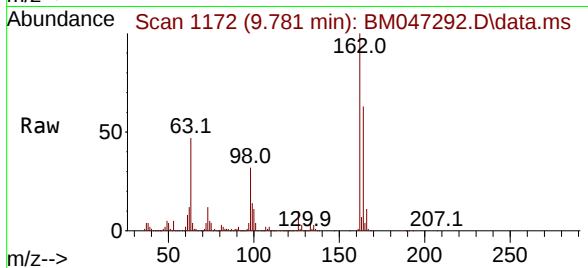
Tgt Ion:162 Resp: 750608

Ion Ratio Lower Upper

162 100

164 63.4 44.7 84.7

98 32.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 44.134 ng

RT: 9.981 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

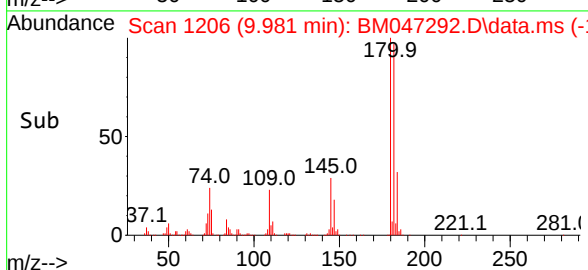
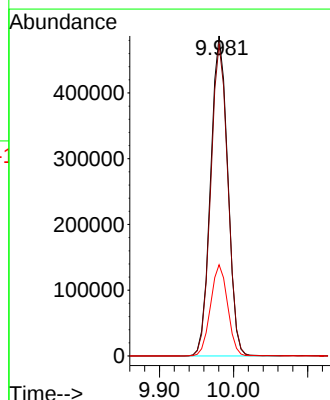
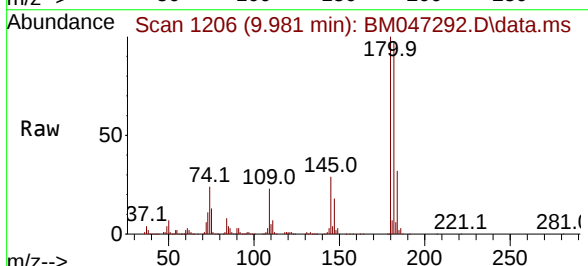
Tgt Ion:180 Resp: 782273

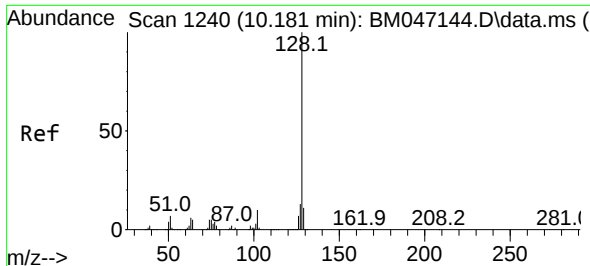
Ion Ratio Lower Upper

180 100

182 97.4 76.6 115.0

145 28.5 23.4 35.2

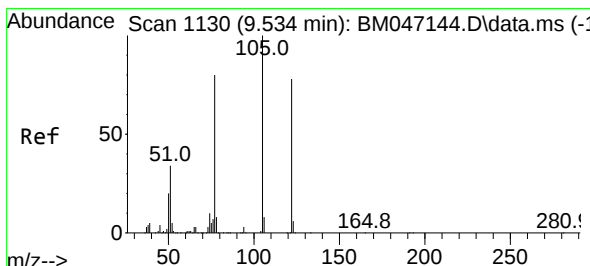
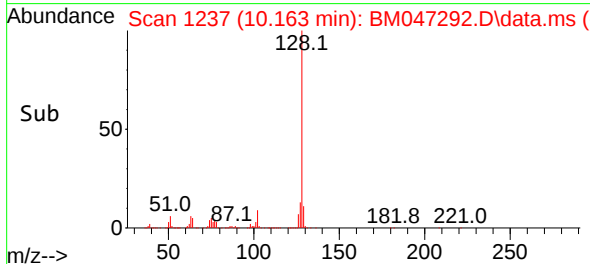
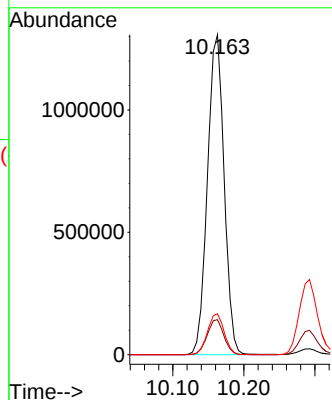
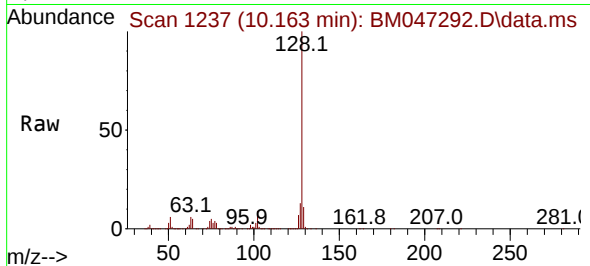




#31
Naphthalene
Concen: 42.134 ng
RT: 10.163 min Scan# 1127
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

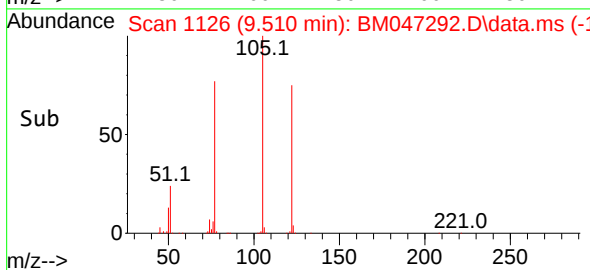
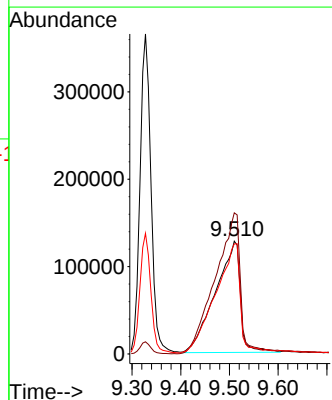
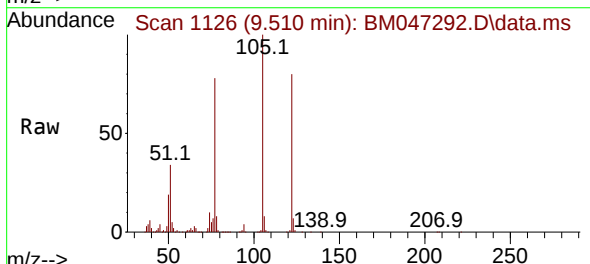
Instrument :
BNA_M
ClientSampleId :
PB162815BS

Tgt Ion:128 Resp: 2135747
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 37.009 ng
RT: 9.510 min Scan# 1126
Delta R.T. -0.024 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:122 Resp: 453873
Ion Ratio Lower Upper
122 100
105 125.1 107.1 147.1
77 97.6 82.1 122.1

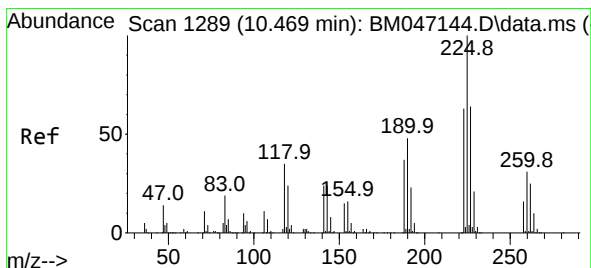
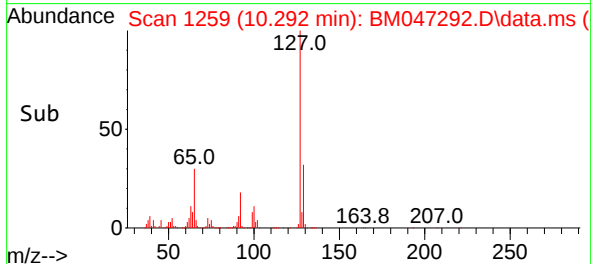
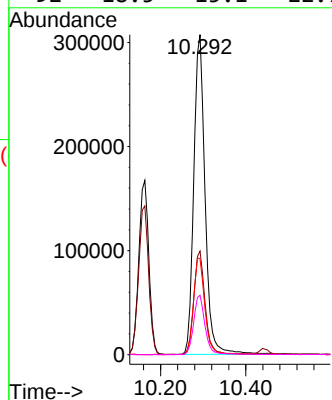
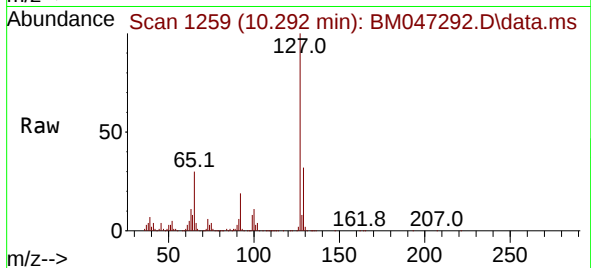




#33
4-Chloroaniline
Concen: 29.114 ng
RT: 10.292 min Scan# 1259
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

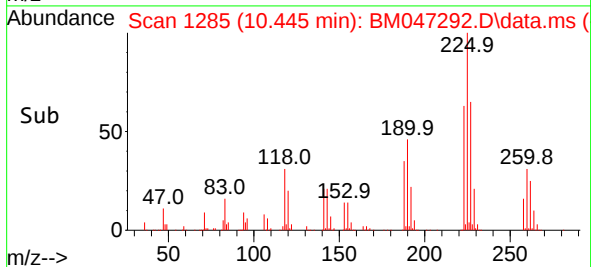
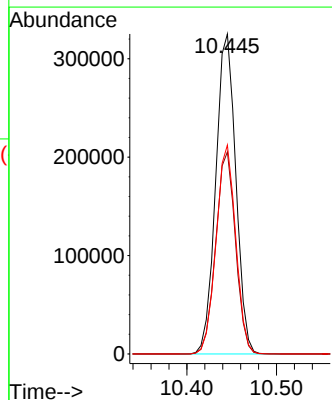
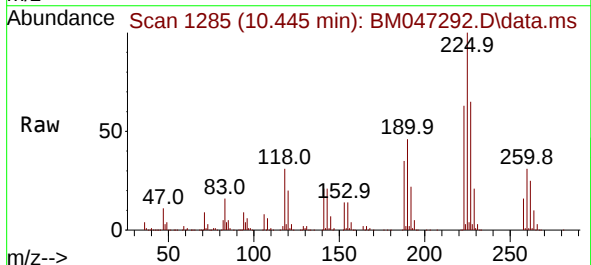
Instrument :
BNA_M
ClientSampleId :
PB162815BS

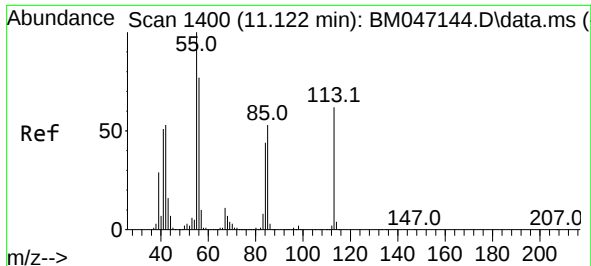
Tgt Ion:	127	Resp:	567518
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	29.9	24.9	37.3
92	18.5	15.1	22.7



#34
Hexachlorobutadiene
Concen: 48.578 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.024 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:	225	Resp:	503978
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	65.3	51.4	77.0

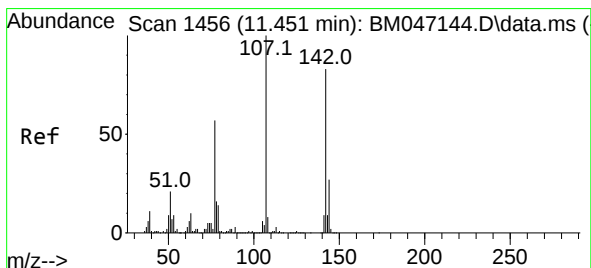
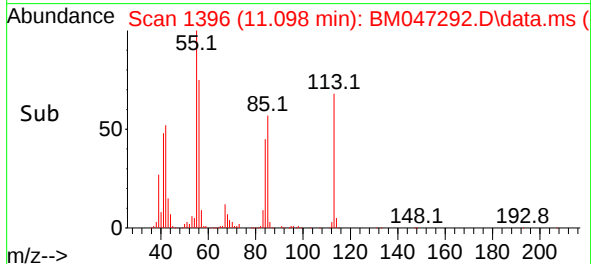
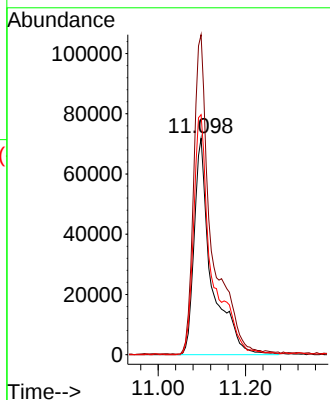
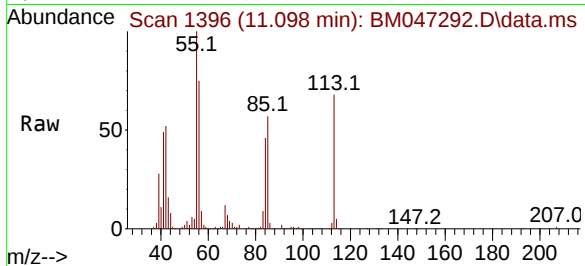




#35
 Caprolactam
 Concen: 36.477 ng
 RT: 11.098 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: BM047292.D
 Acq: 21 Aug 2024 11:03

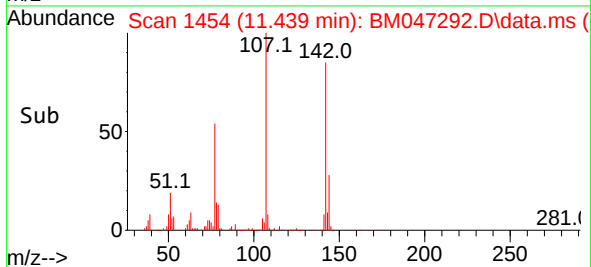
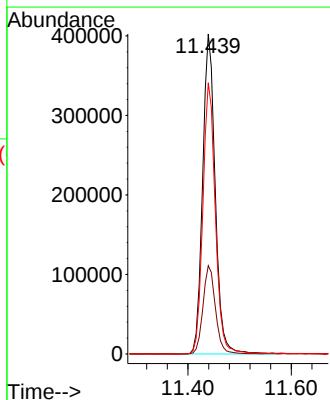
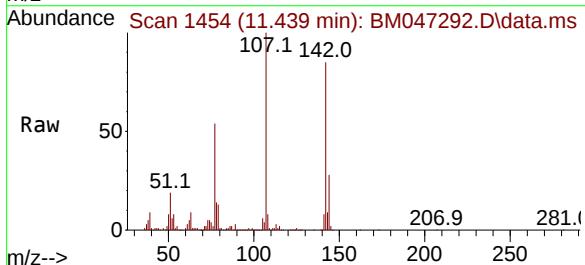
Instrument :
 BNA_M
 ClientSampleId :
 PB162815BS

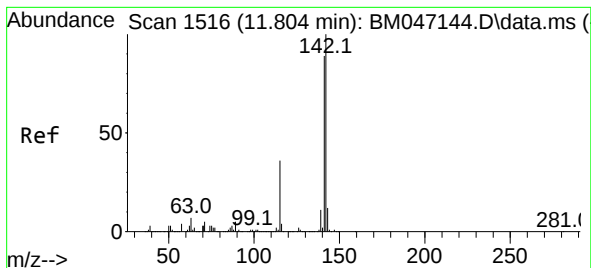
Tgt Ion:113 Resp: 198408
 Ion Ratio Lower Upper
 113 100
 55 147.8 140.5 180.5
 56 110.9 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.794 ng
 RT: 11.439 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BM047292.D
 Acq: 21 Aug 2024 11:03

Tgt Ion:107 Resp: 680466
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.8 32.6
 142 84.8 66.8 100.2

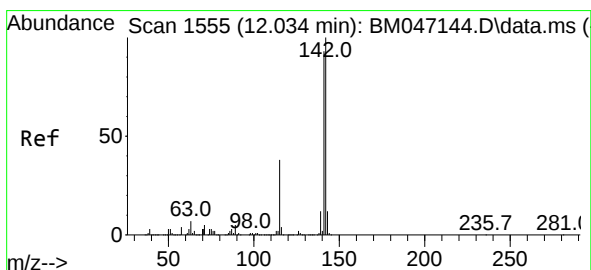
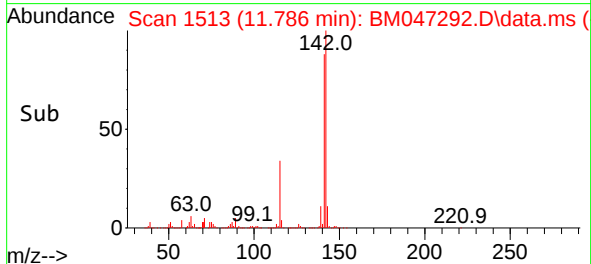
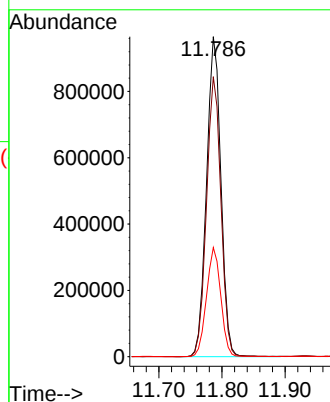
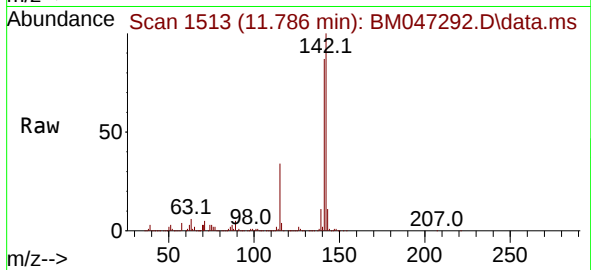




#37
2-Methylnaphthalene
Concen: 42.197 ng
RT: 11.786 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

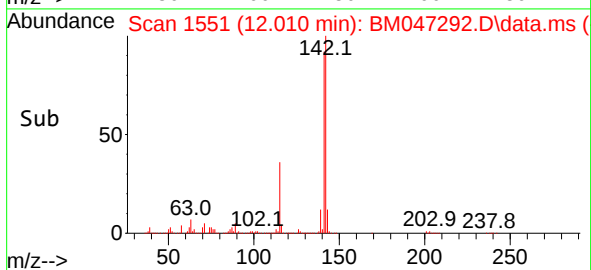
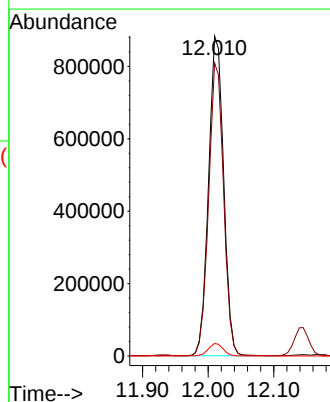
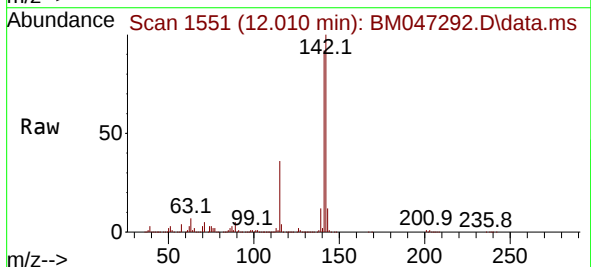
Instrument :
BNA_M
ClientSampleId :
PB162815BS

Tgt Ion:142 Resp: 1522925
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3
115 34.1 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.574 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:142 Resp: 1411542
Ion Ratio Lower Upper
142 100
141 91.6 74.6 111.8
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

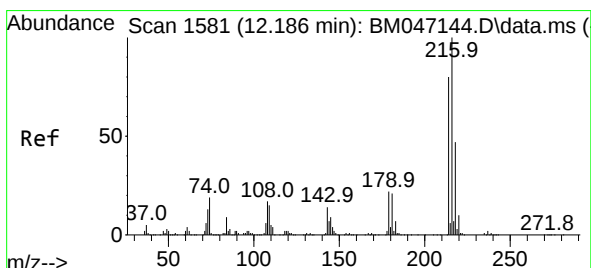
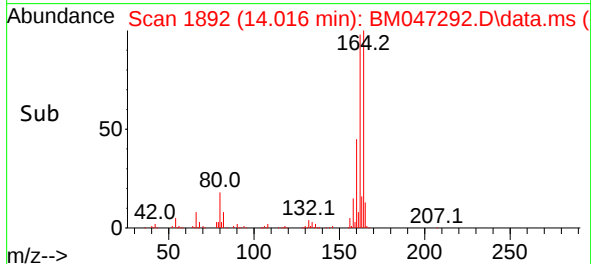
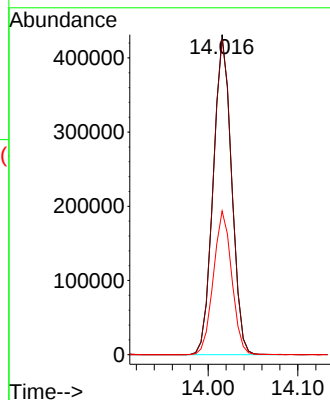
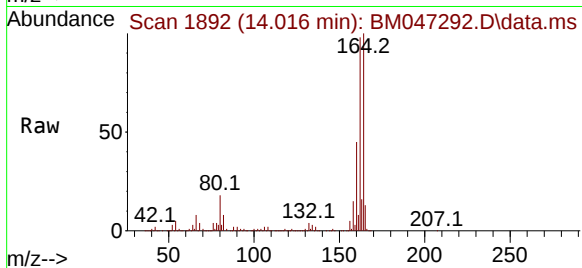
Tgt Ion:164 Resp: 609935

Ion Ratio Lower Upper

164 100

162 98.5 80.7 121.1

160 44.9 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.003 ng

RT: 12.169 min Scan# 1578

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Tgt Ion:216 Resp: 831858

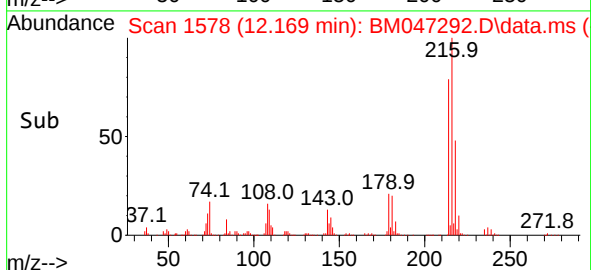
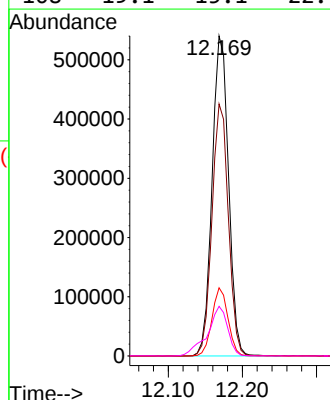
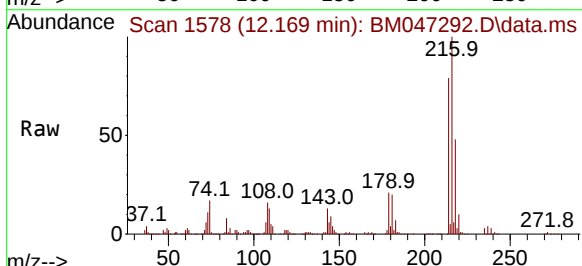
Ion Ratio Lower Upper

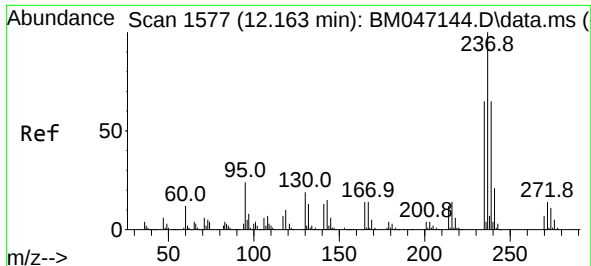
216 100

214 78.7 63.4 95.2

179 20.8 17.6 26.4

108 19.1 15.1 22.7

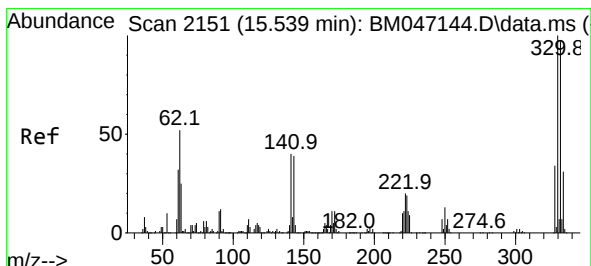
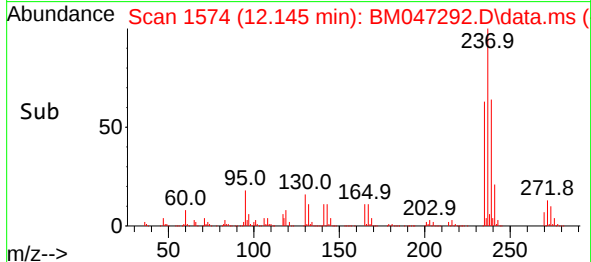
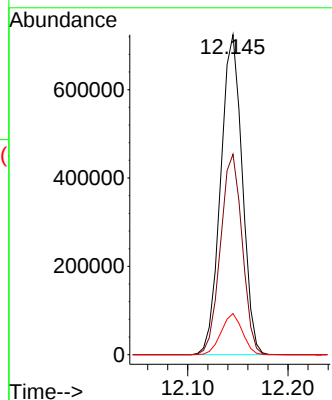
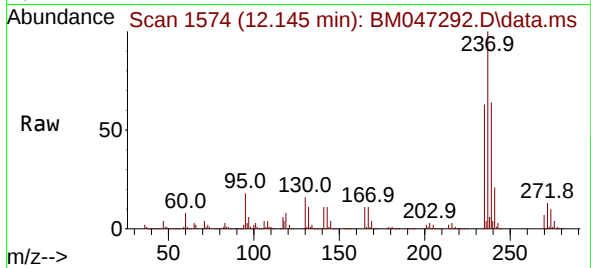




#41
Hexachlorocyclopentadiene
Concen: 185.766 ng
RT: 12.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

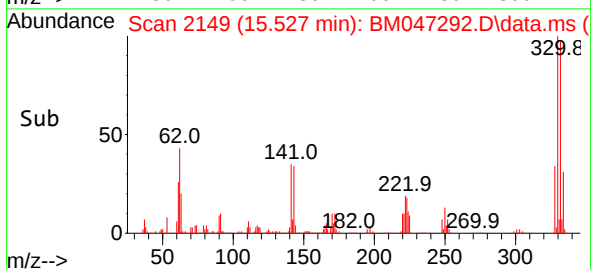
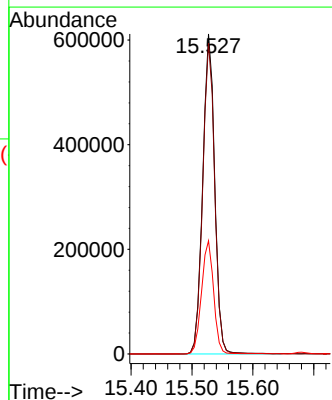
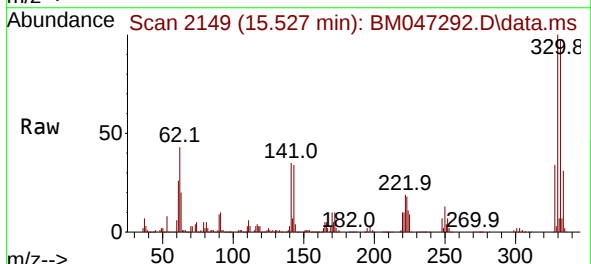
Instrument :
BNA_M
ClientSampleId :
PB162815BS

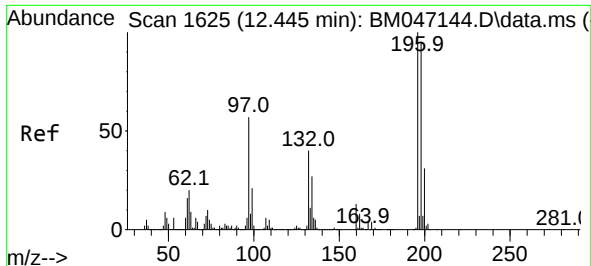
Tgt Ion:237 Resp: 1079145
Ion Ratio Lower Upper
237 100
235 62.6 44.8 84.8
272 12.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 118.215 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:330 Resp: 836052
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 35.9 31.6 47.4

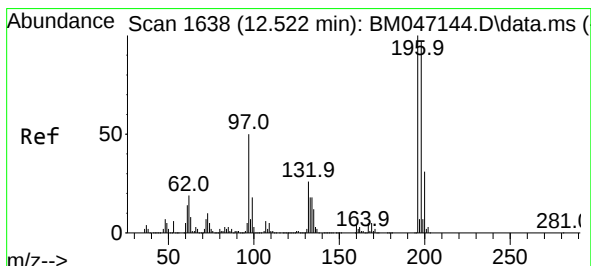
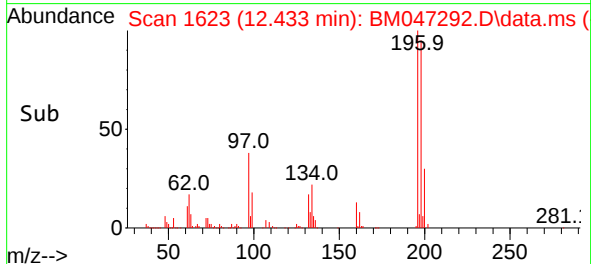
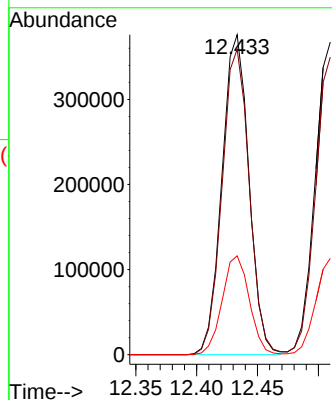
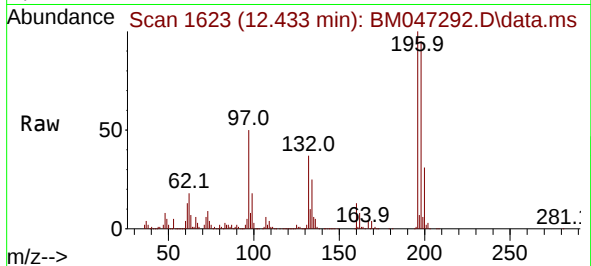




#43
2,4,6-Trichlorophenol
Concen: 49.060 ng
RT: 12.433 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

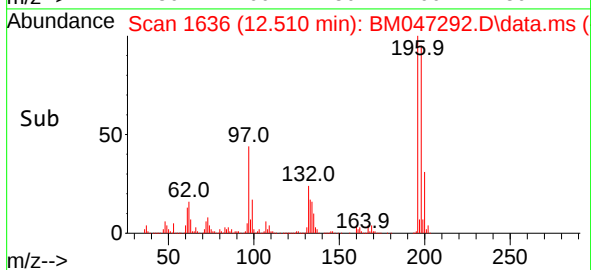
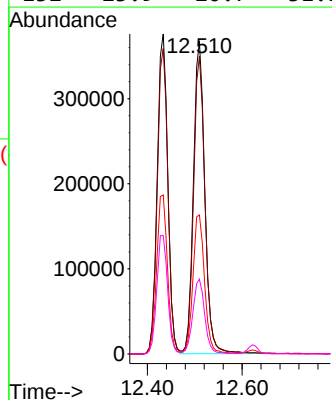
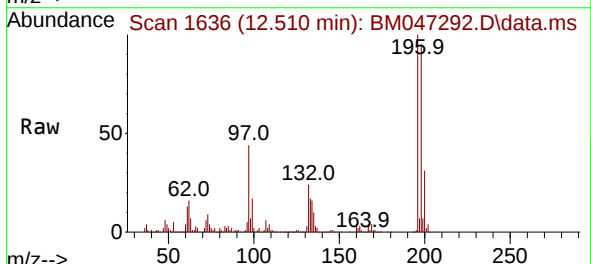
Instrument :
BNA_M
ClientSampleId :
PB162815BS

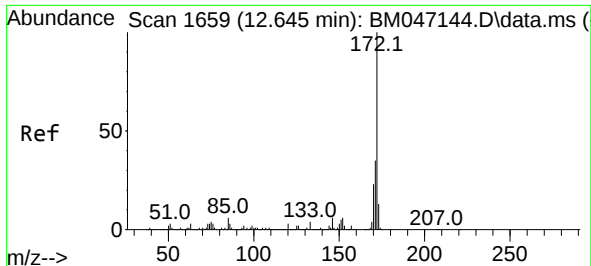
Tgt Ion:196 Resp: 580109
Ion Ratio Lower Upper
196 100
198 95.4 75.6 113.4
200 30.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 46.869 ng
RT: 12.510 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:196 Resp: 615336
Ion Ratio Lower Upper
196 100
198 95.2 77.7 116.5
97 44.5 39.8 59.8
132 23.9 20.7 31.1

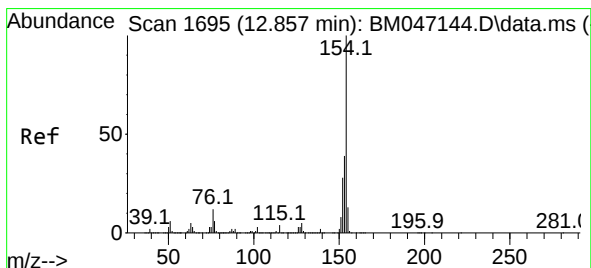
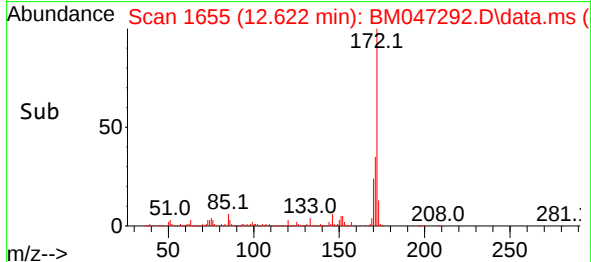
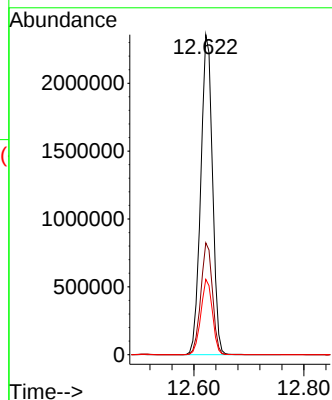
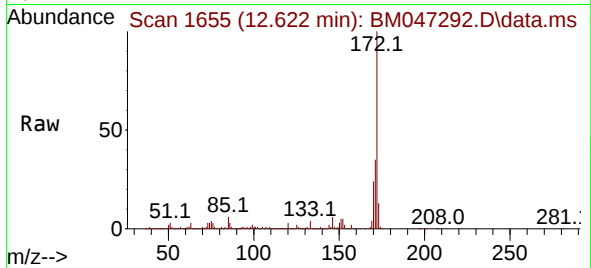




#45
2-Fluorobiphenyl
Concen: 88.572 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

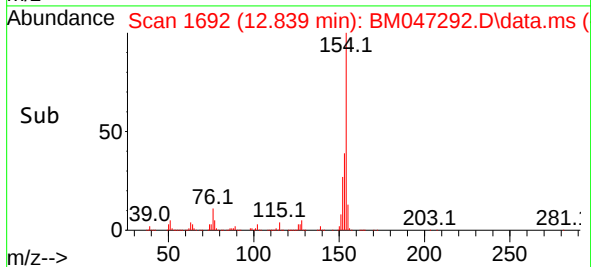
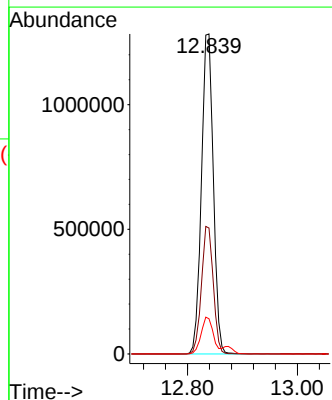
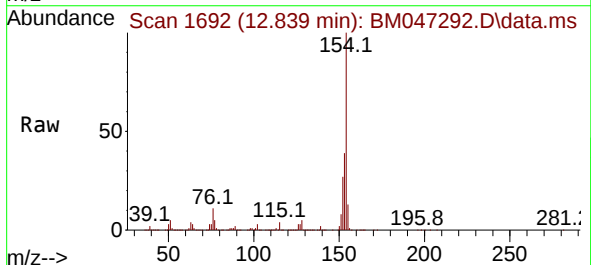
Instrument :
BNA_M
ClientSampleId :
PB162815BS

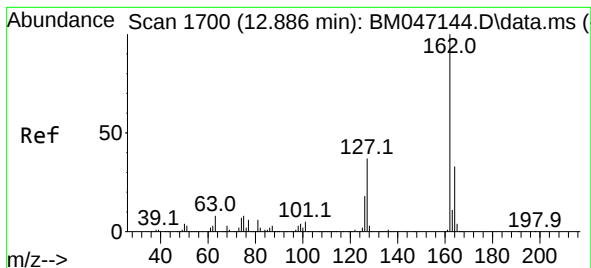
Tgt Ion:172 Resp: 3502265
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 44.454 ng
RT: 12.839 min Scan# 1692
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:154 Resp: 1930287
Ion Ratio Lower Upper
154 100
153 39.3 19.0 59.0
76 11.0 0.0 31.9





#47

2-Chloronaphthalene

Concen: 43.806 ng

RT: 12.874 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

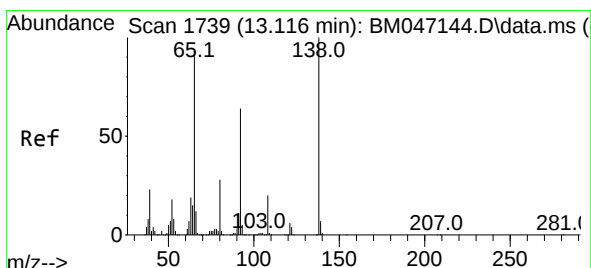
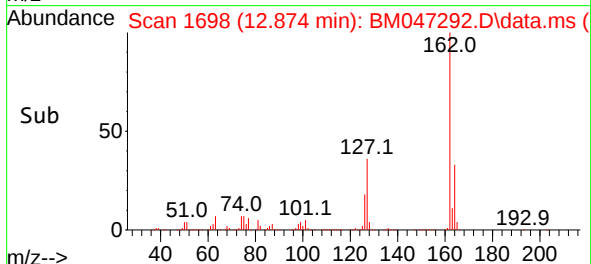
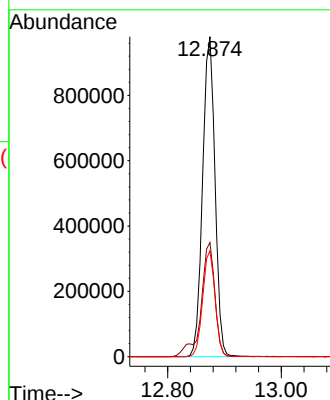
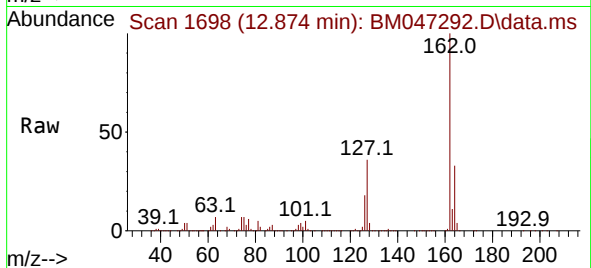
Tgt Ion:162 Resp: 1486728

Ion Ratio Lower Upper

162 100

127 35.6 30.0 45.0

164 33.1 26.3 39.5



#48

2-Nitroaniline

Concen: 40.612 ng

RT: 13.098 min Scan# 1736

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

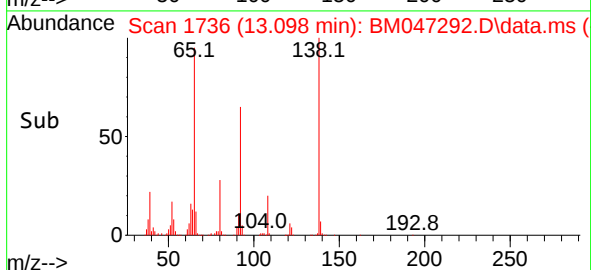
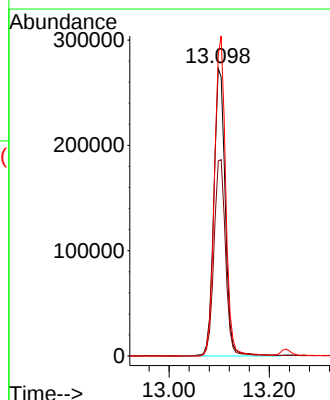
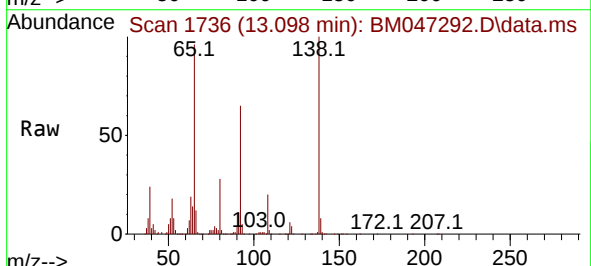
Tgt Ion: 65 Resp: 431811

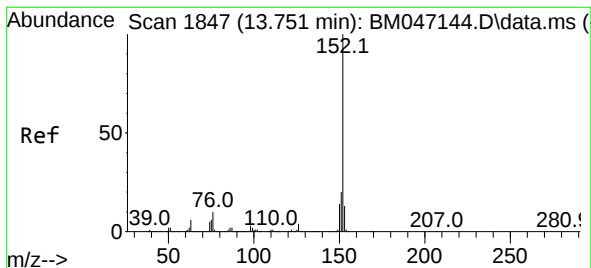
Ion Ratio Lower Upper

65 100

92 67.8 55.1 82.7

138 104.7 85.9 128.9





#49

Acenaphthylene

Concen: 46.234 ng

RT: 13.733 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

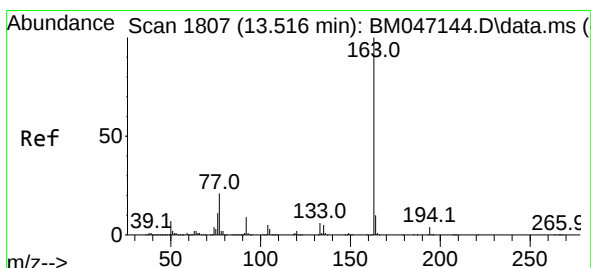
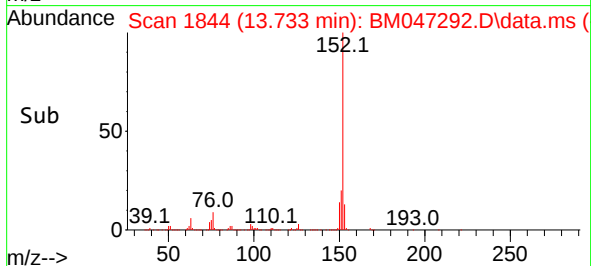
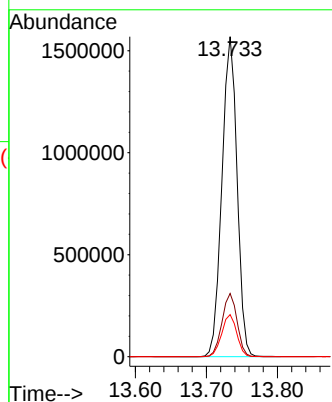
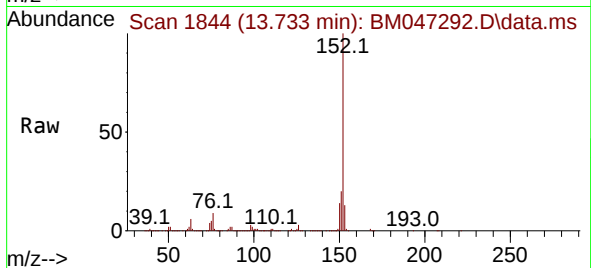
Tgt Ion:152 Resp: 2312957

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 42.849 ng

RT: 13.498 min Scan# 1804

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

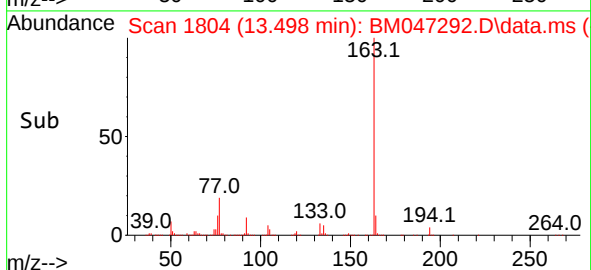
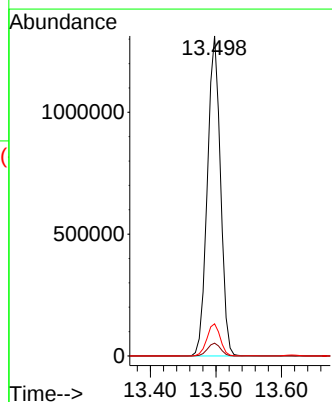
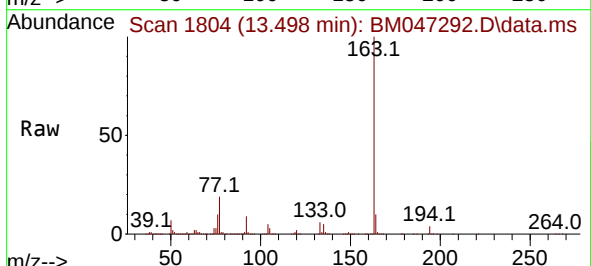
Tgt Ion:163 Resp: 1825286

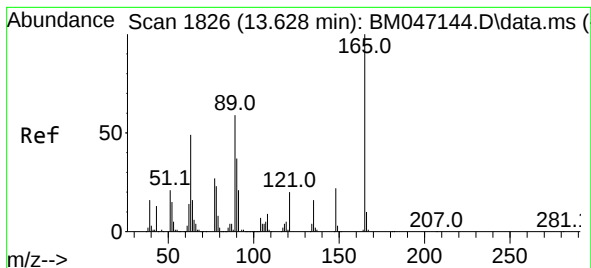
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.0 8.0 12.0

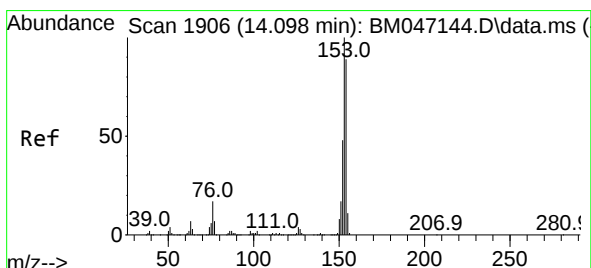
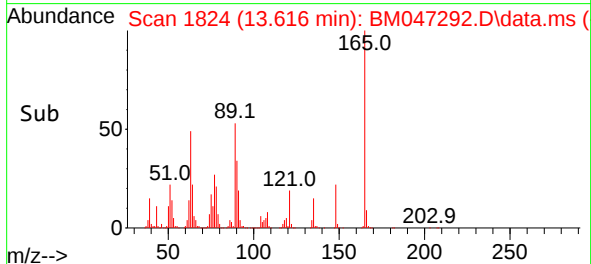
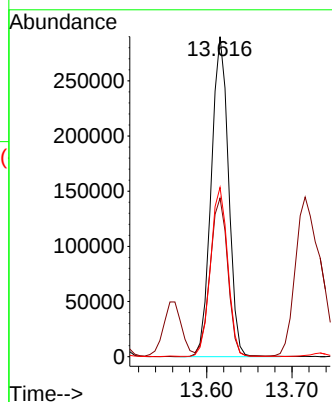
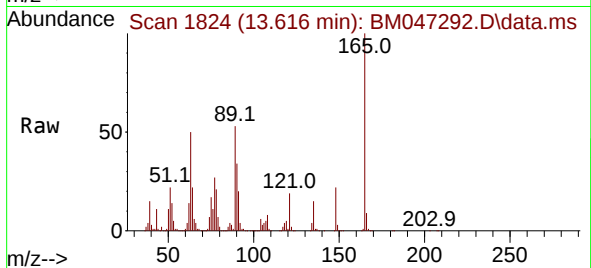




#51
2,6-Dinitrotoluene
Concen: 40.946 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

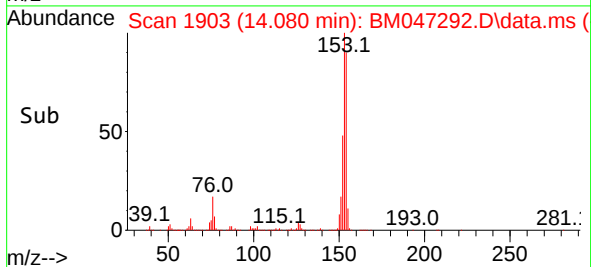
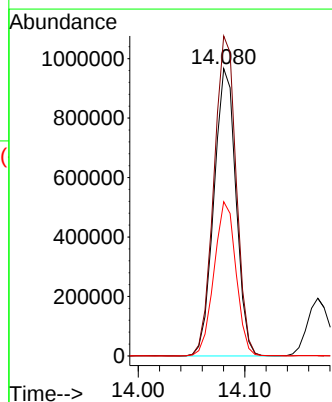
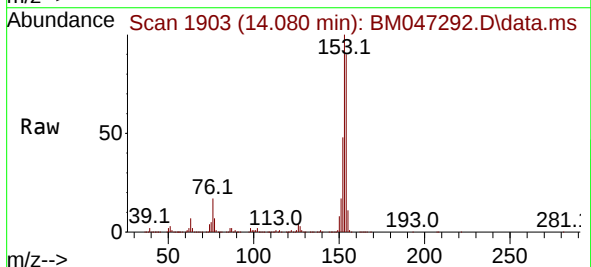
Instrument :
BNA_M
ClientSampleId :
PB162815BS

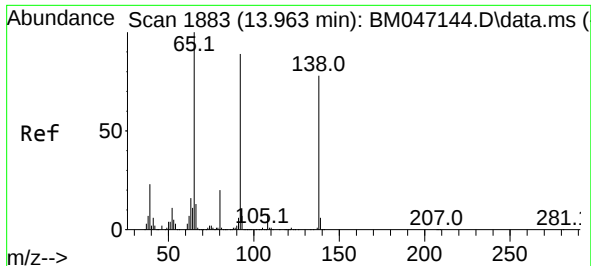
Tgt Ion:165 Resp: 407743
Ion Ratio Lower Upper
165 100
63 49.6 46.5 69.7
89 52.9 47.3 70.9



#52
Acenaphthene
Concen: 43.749 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:154 Resp: 1388307
Ion Ratio Lower Upper
154 100
153 111.4 90.3 135.5
152 53.7 42.9 64.3

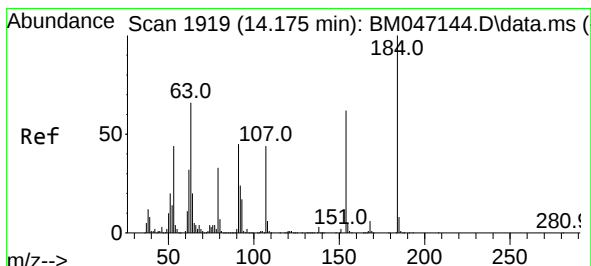
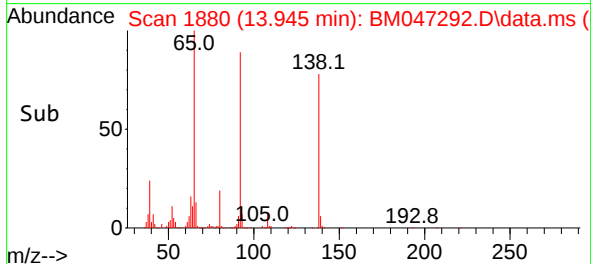
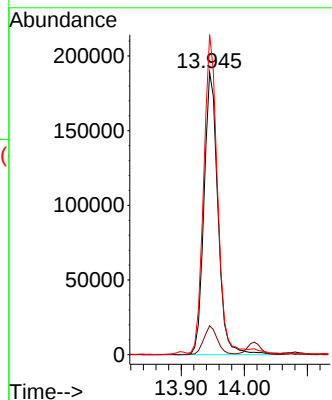
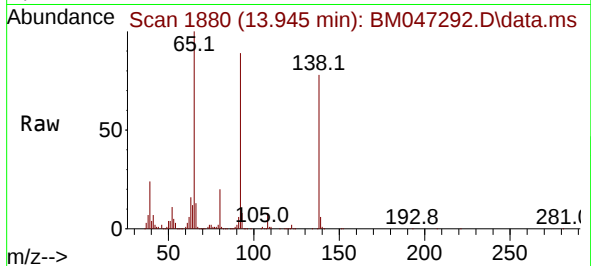




#53
3-Nitroaniline
Concen: 29.081 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

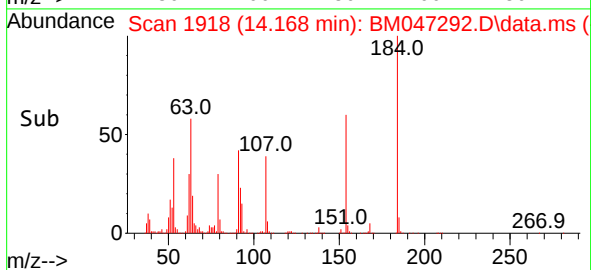
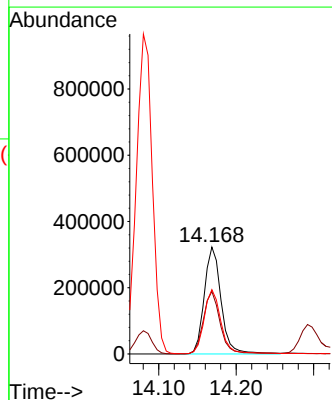
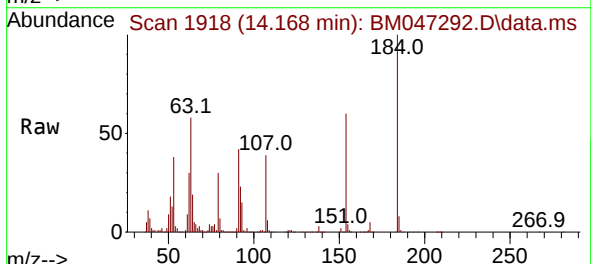
Instrument :
BNA_M
ClientSampleId :
PB162815BS

Tgt Ion:138 Resp: 290177
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 113.4 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 81.896 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:184 Resp: 488779
Ion Ratio Lower Upper
184 100
63 58.5 52.7 79.1
154 60.1 50.4 75.6

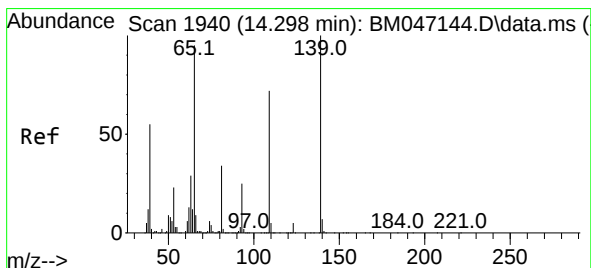
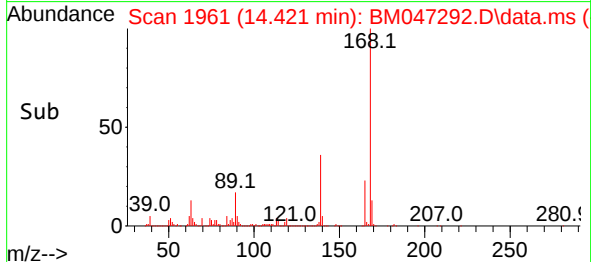
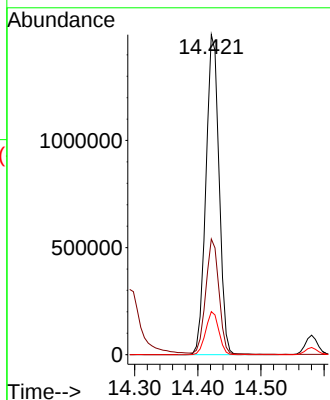
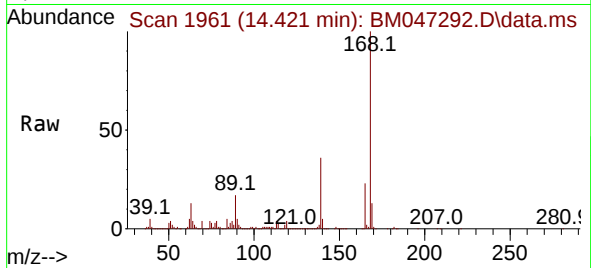




#55
Dibenzofuran
Concen: 43.175 ng
RT: 14.421 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

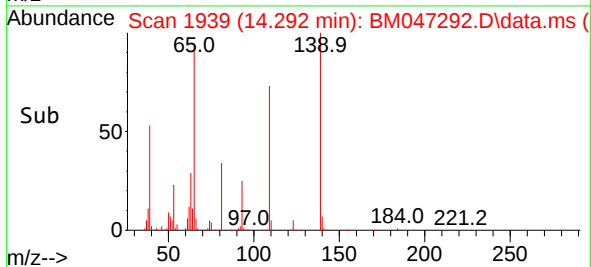
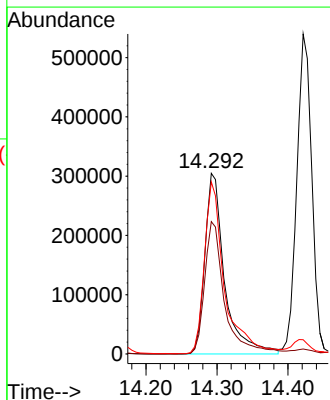
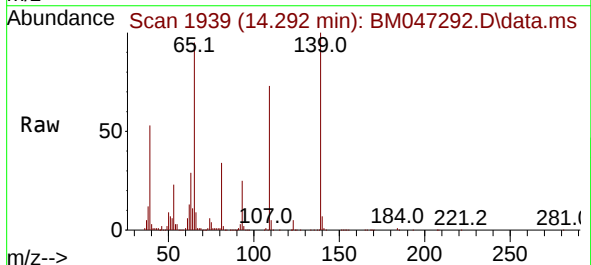
Instrument :
BNA_M
ClientSampleId :
PB162815BS

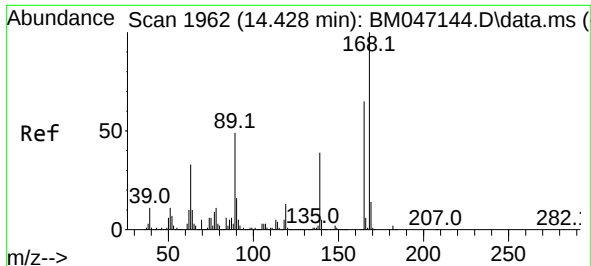
Tgt Ion:168 Resp: 2164167
Ion Ratio Lower Upper
168 100
139 36.1 29.6 44.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 68.507 ng
RT: 14.292 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:139 Resp: 589453
Ion Ratio Lower Upper
139 100
109 73.2 52.5 92.5
65 95.2 75.4 115.4





#57

2,4-Dinitrotoluene

Concen: 38.201 ng

RT: 14.416 min Scan# 1960

Delta R.T. -0.012 min

Lab File: BM047292.D

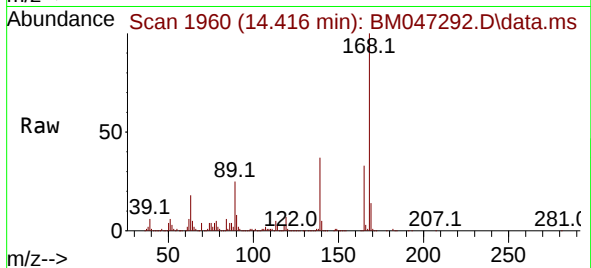
Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS



Tgt Ion:165 Resp: 507752

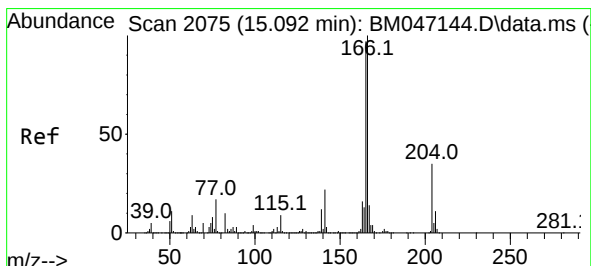
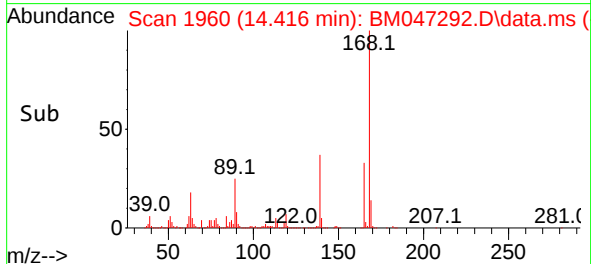
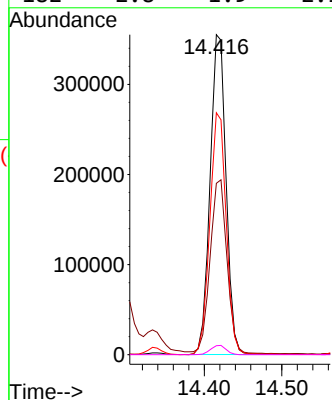
Ion Ratio Lower Upper

165 100

63 53.6 40.3 60.5

89 75.6 61.0 91.6

182 2.8 1.9 2.9



#58

Fluorene

Concen: 41.074 ng

RT: 15.080 min Scan# 2073

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

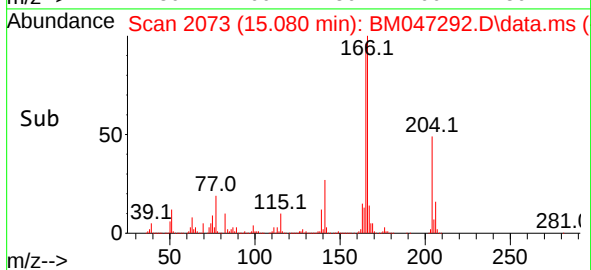
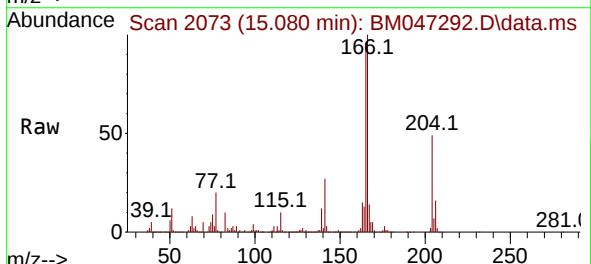
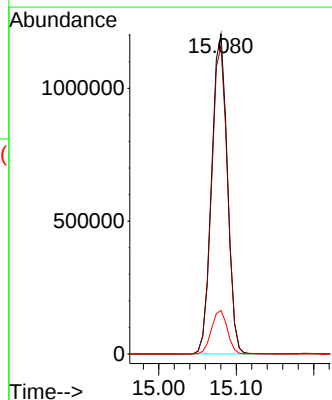
Tgt Ion:166 Resp: 1698770

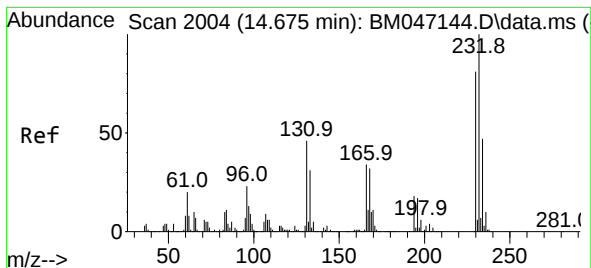
Ion Ratio Lower Upper

166 100

165 96.2 77.4 116.0

167 13.6 11.0 16.6

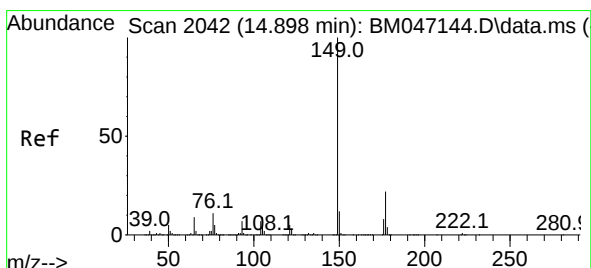
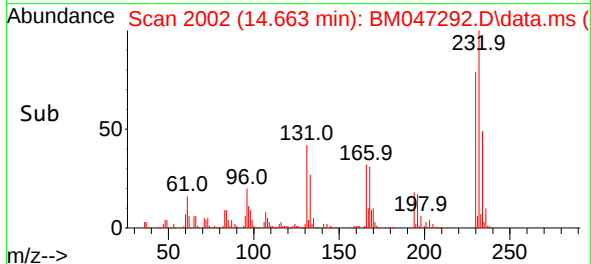
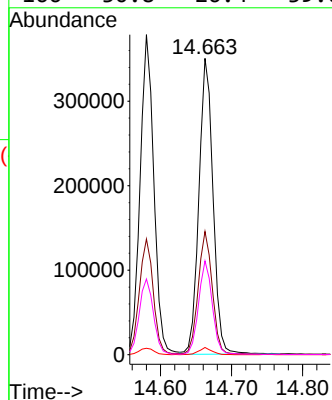
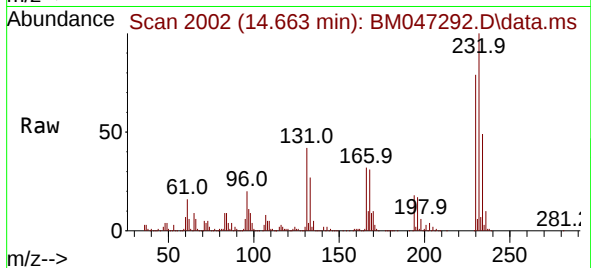




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.082 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

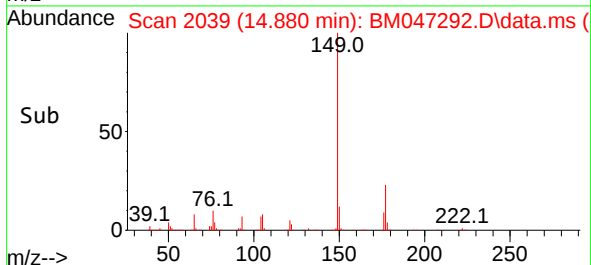
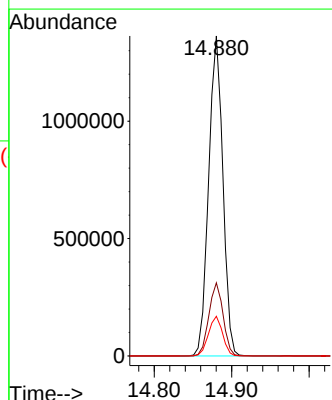
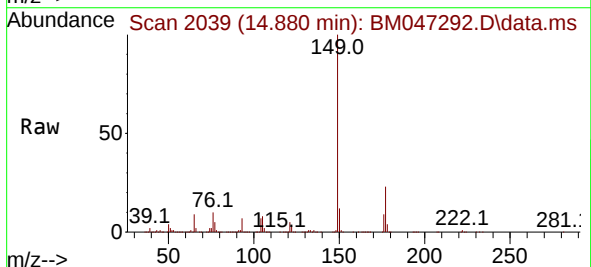
Instrument :
BNA_M
ClientSampleId :
PB162815BS

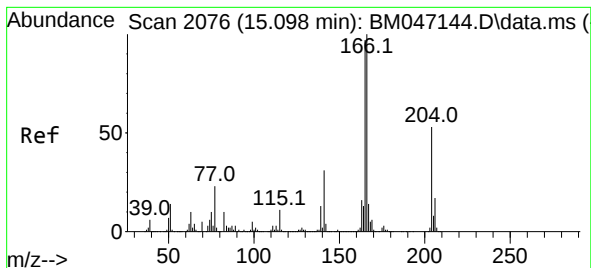
Tgt Ion:232 Resp: 486438
Ion Ratio Lower Upper
232 100
131 41.6 36.9 55.3
130 2.2 2.0 3.0
166 30.8 26.4 39.6



#60
Diethylphthalate
Concen: 39.897 ng
RT: 14.880 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:149 Resp: 1735525
Ion Ratio Lower Upper
149 100
177 22.9 17.6 26.4
150 12.4 9.8 14.6

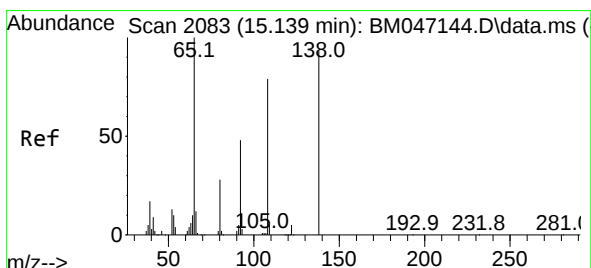
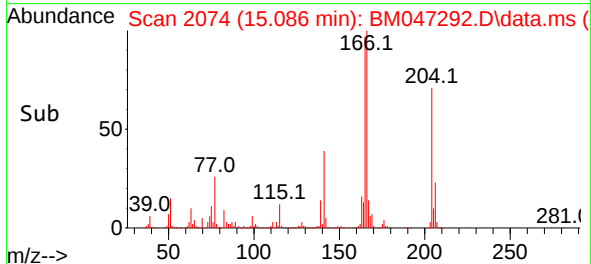
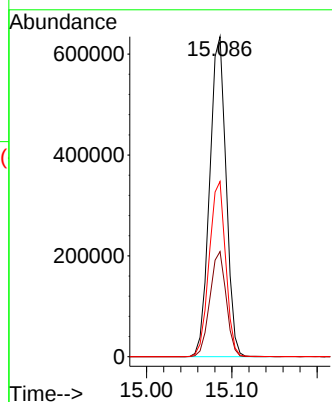
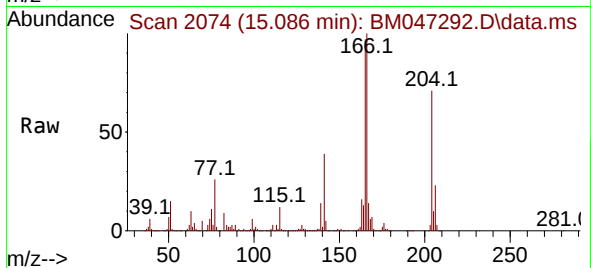




#61
4-Chlorophenyl-phenylether
Concen: 43.175 ng
RT: 15.086 min Scan# 2076
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

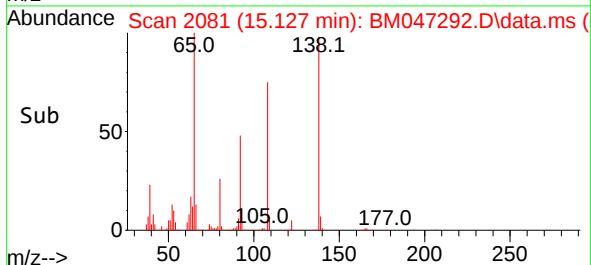
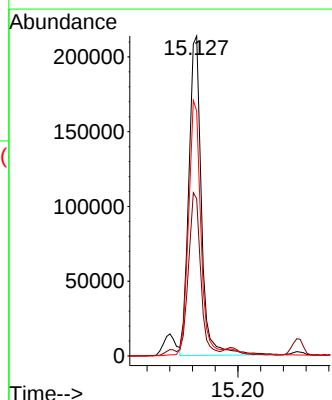
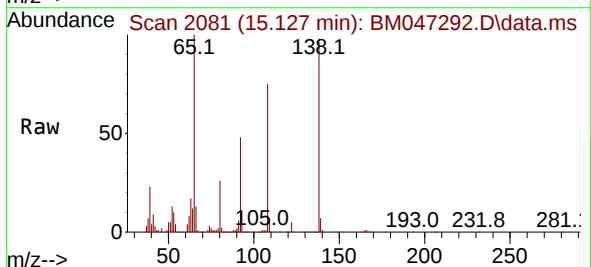
Instrument :
BNA_M
ClientSampleId :
PB162815BS

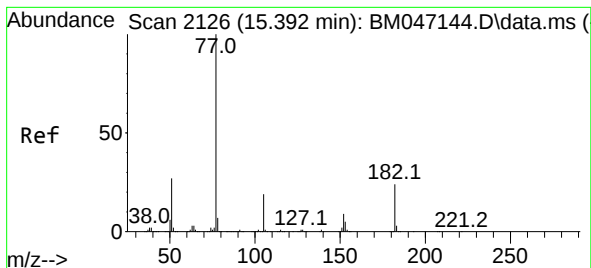
Tgt Ion:204 Resp: 850118
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 54.8 47.2 70.8



#62
4-Nitroaniline
Concen: 33.442 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:138 Resp: 328745
Ion Ratio Lower Upper
138 100
92 49.2 31.9 71.9
108 76.5 63.8 103.8





#63

Azobenzene

Concen: 38.593 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

Tgt Ion: 77 Resp: 1591808

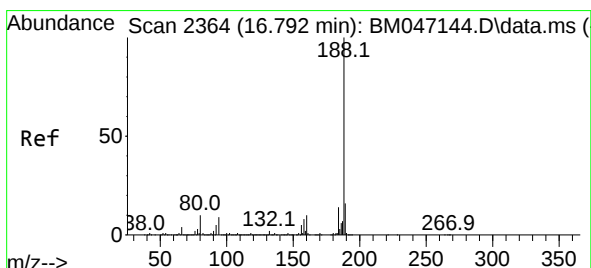
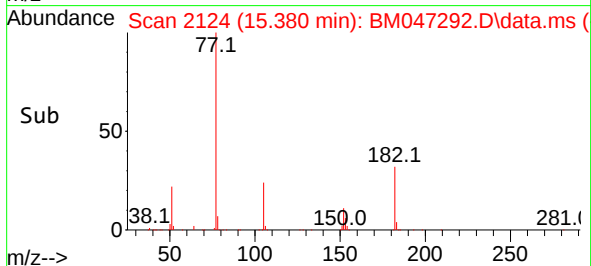
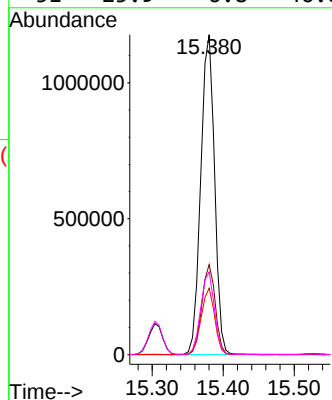
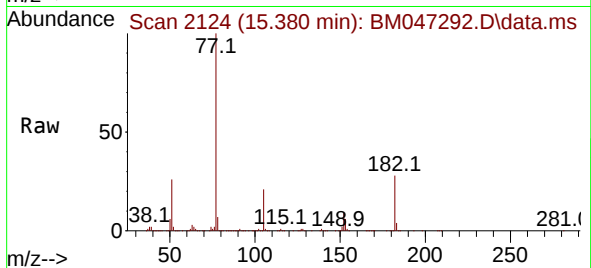
Ion Ratio Lower Upper

77 100

182 28.2 3.8 43.8

105 20.8 0.0 39.5

51 25.9 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: BM047292.D

Acq: 21 Aug 2024 11:03

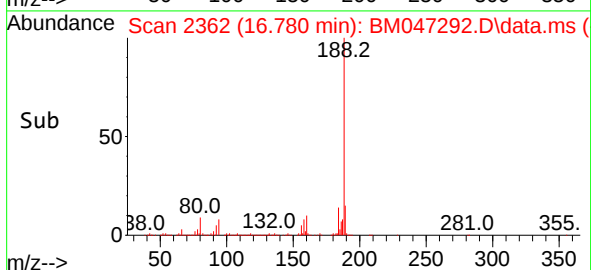
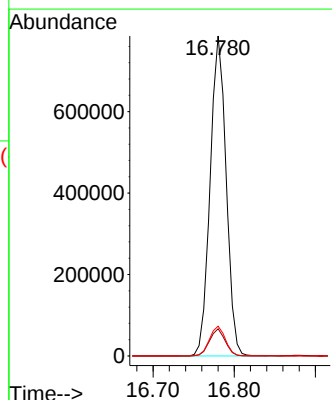
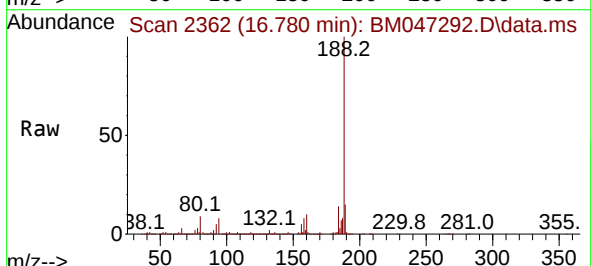
Tgt Ion:188 Resp: 1075761

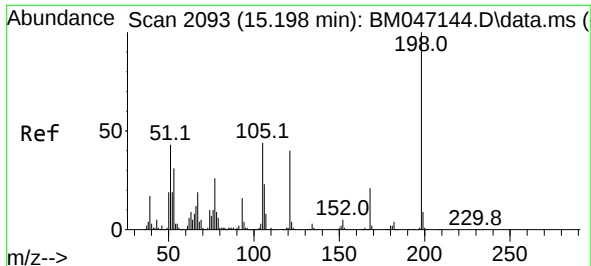
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.147 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

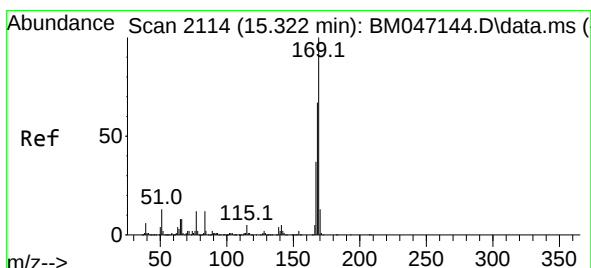
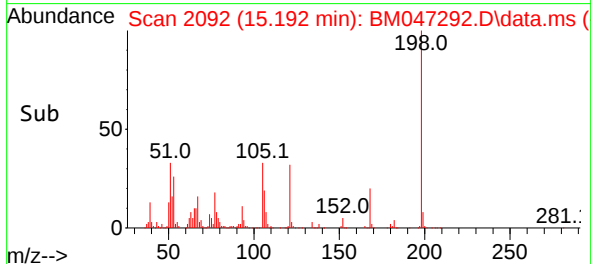
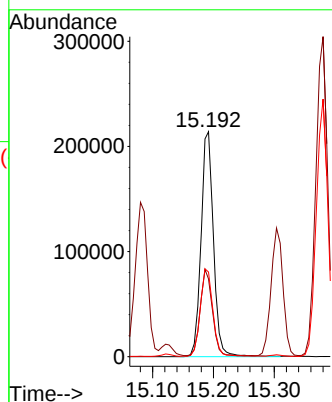
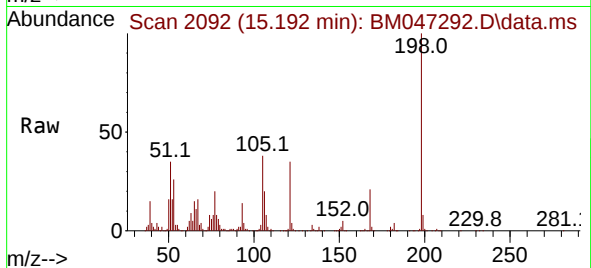
Instrument :

BNA_M

ClientSampleId :

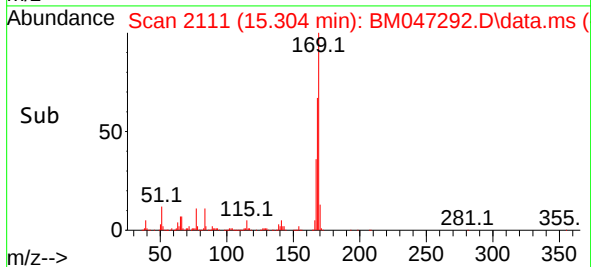
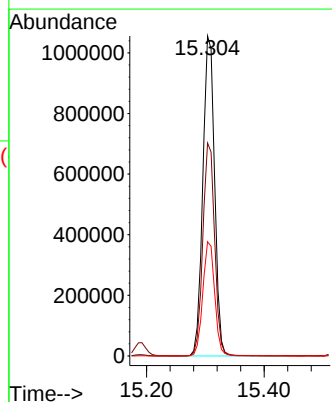
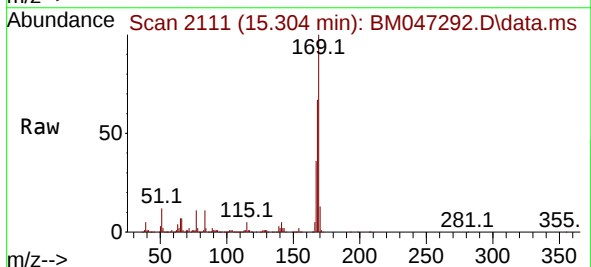
PB162815BS

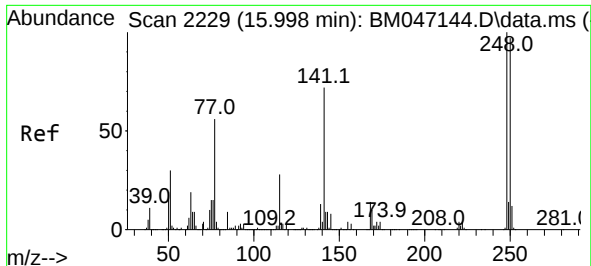
Tgt Ion:198 Resp: 303247
Ion Ratio Lower Upper
198 100
51 34.6 23.9 63.9
105 37.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 49.922 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:169 Resp: 1462770
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 35.7 29.3 43.9

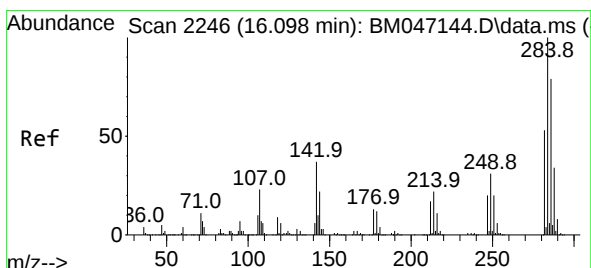
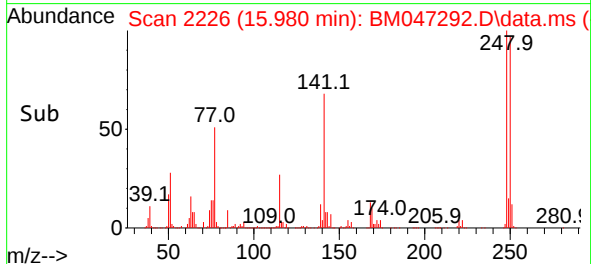
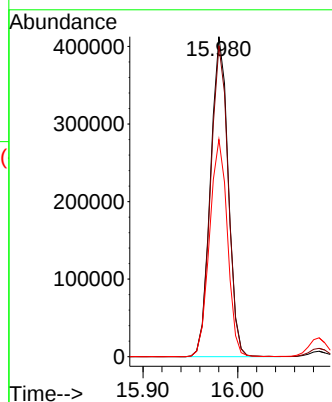
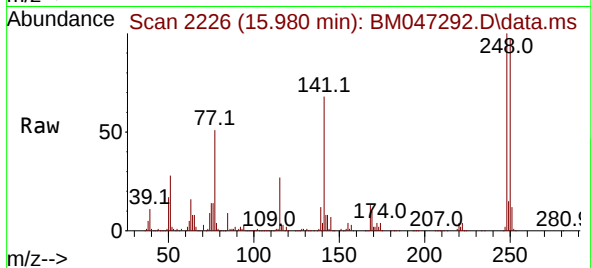




#67
4-Bromophenyl-phenylether
Concen: 51.596 ng
RT: 15.980 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

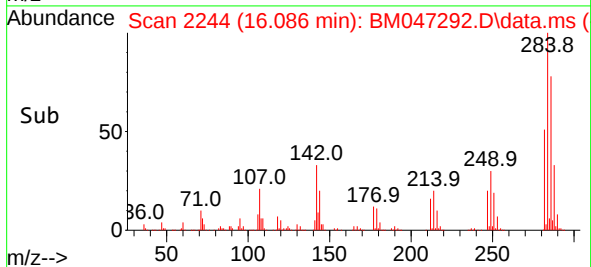
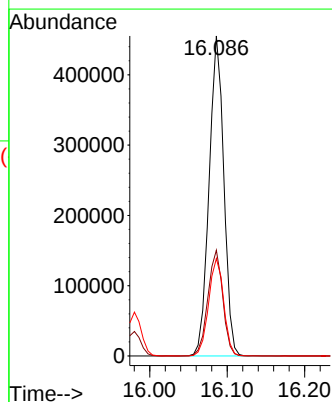
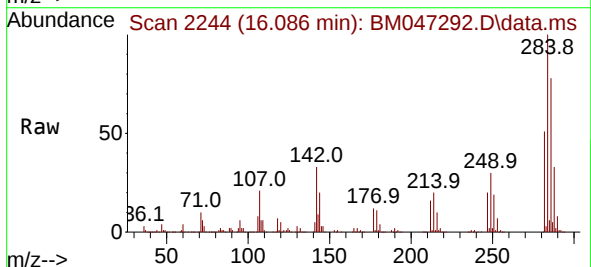
Instrument :
BNA_M
ClientSampleId :
PB162815BS

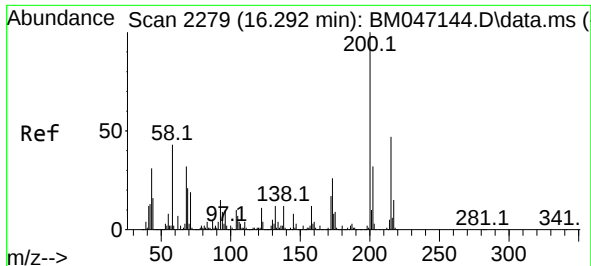
Tgt Ion:248 Resp: 534852
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 67.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.372 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:284 Resp: 600549
Ion Ratio Lower Upper
284 100
142 33.0 29.4 44.0
249 30.4 25.1 37.7

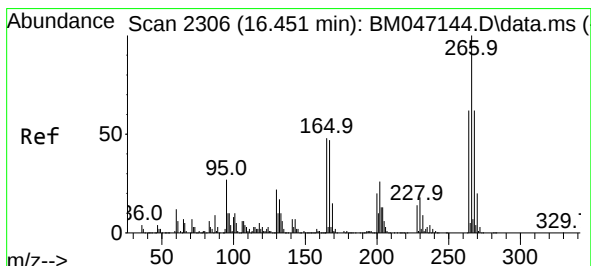
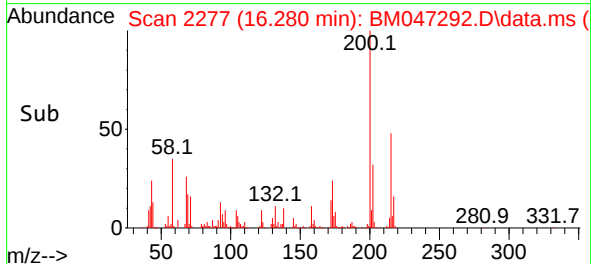
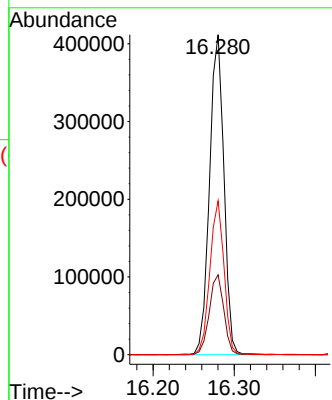
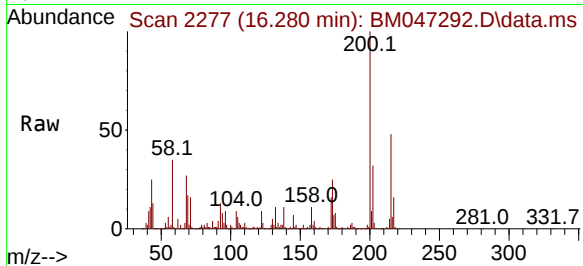




#69
Atrazine
Concen: 57.471 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

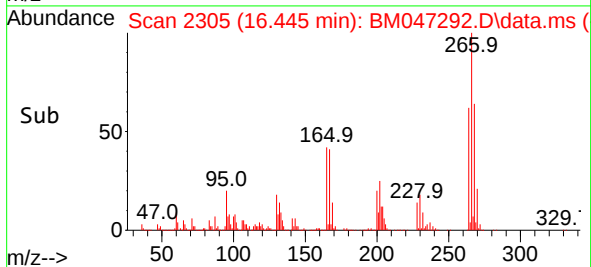
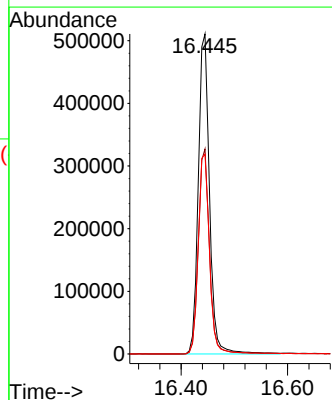
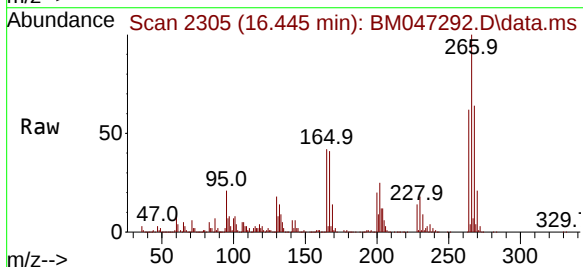
Instrument :
BNA_M
ClientSampleId :
PB162815BS

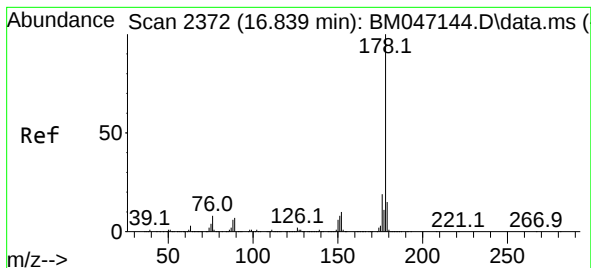
Tgt Ion:200 Resp: 506729
Ion Ratio Lower Upper
200 100
173 25.0 6.1 46.1
215 48.1 26.8 66.8



#70
Pentachlorophenol
Concen: 85.768 ng
RT: 16.445 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:266 Resp: 746422
Ion Ratio Lower Upper
266 100
268 64.1 49.8 74.6
264 62.4 49.6 74.4





#71

Phenanthrene

Concen: 44.963 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

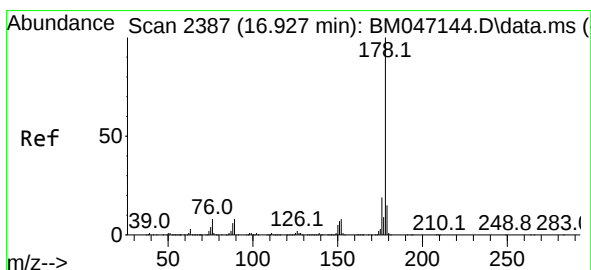
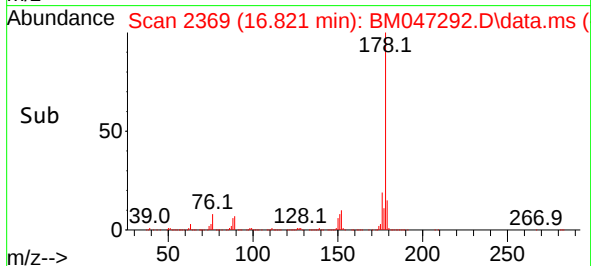
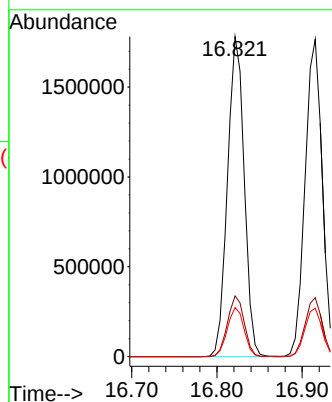
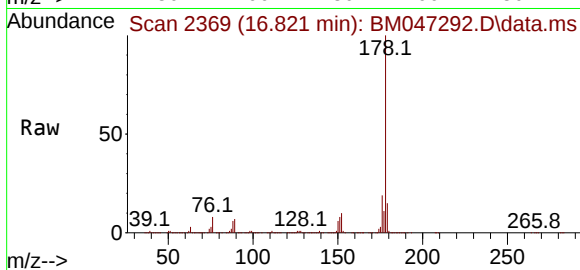
Tgt Ion:178 Resp: 2427454

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 47.107 ng

RT: 16.915 min Scan# 2385

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

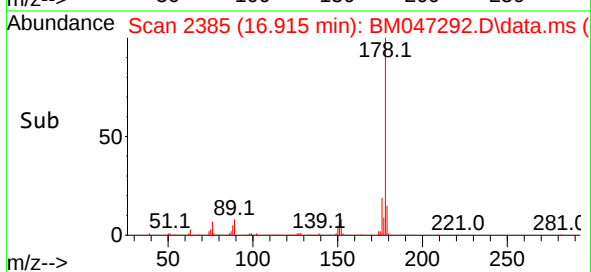
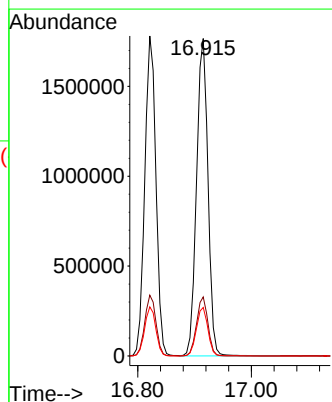
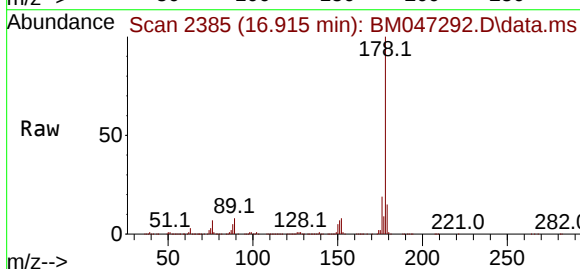
Tgt Ion:178 Resp: 2474574

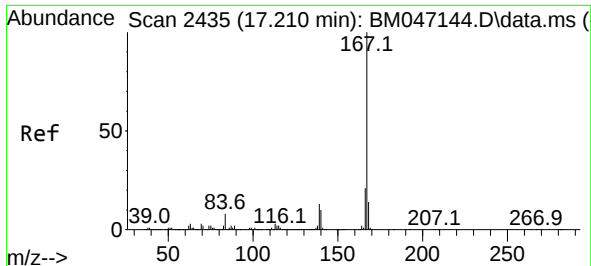
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.3 12.4 18.6

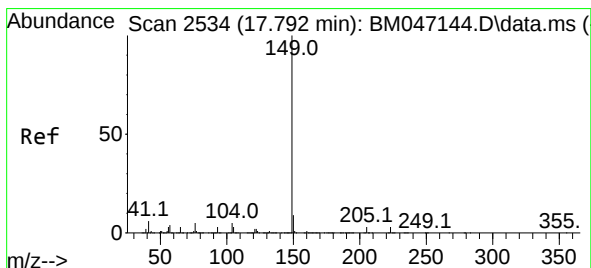
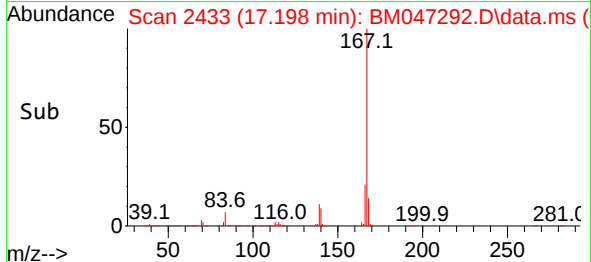
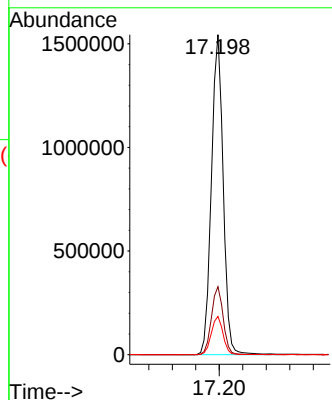
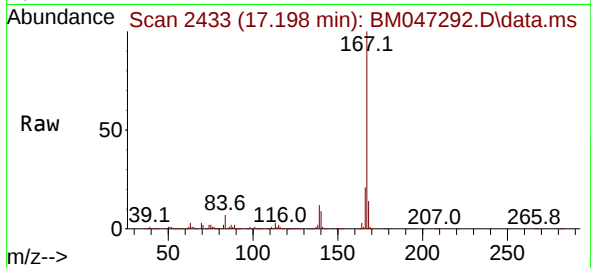




#73
 Carbazole
 Concen: 39.908 ng
 RT: 17.198 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM047292.D
 Acq: 21 Aug 2024 11:03

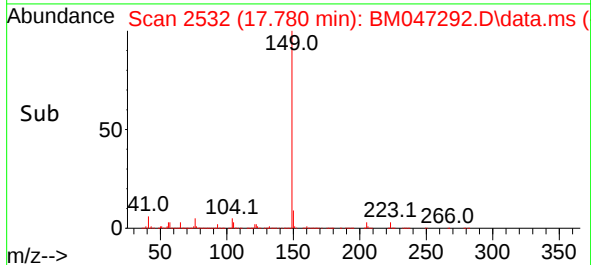
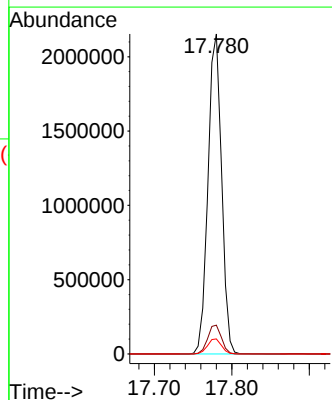
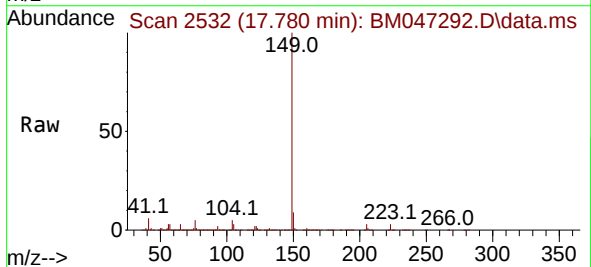
Instrument :
 BNA_M
 ClientSampleId :
 PB162815BS

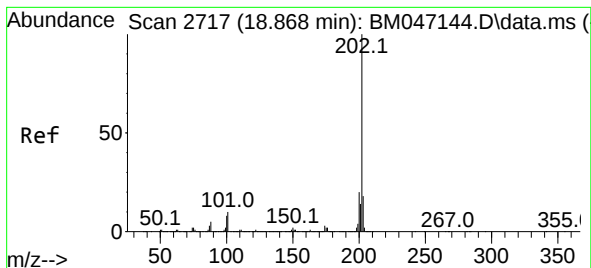
Tgt Ion:167 Resp: 2140523
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 11.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.932 ng
 RT: 17.780 min Scan# 2532
 Delta R.T. -0.012 min
 Lab File: BM047292.D
 Acq: 21 Aug 2024 11:03

Tgt Ion:149 Resp: 2616925
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 4.7 4.1 6.1





#75

Fluoranthene

Concen: 37.833 ng

RT: 18.856 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

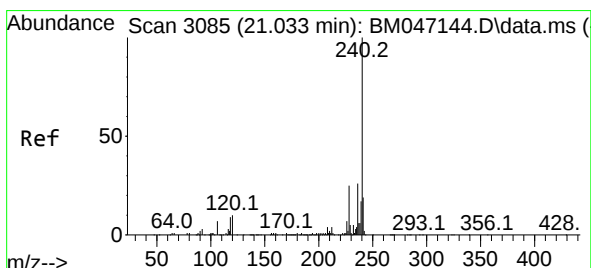
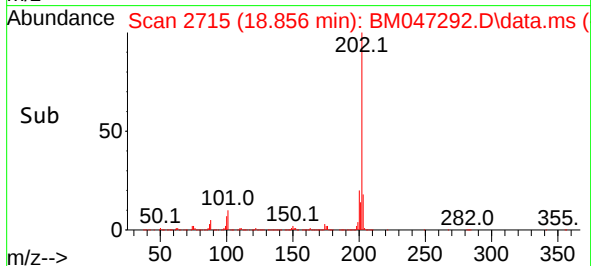
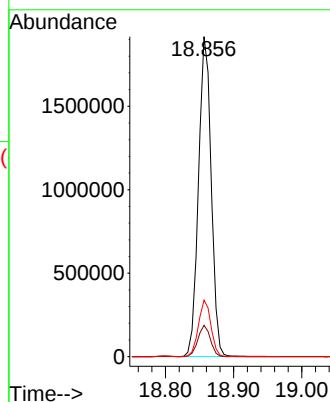
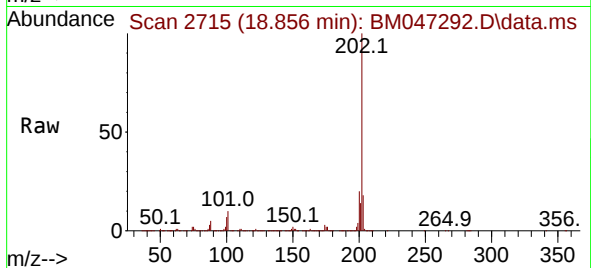
Tgt Ion:202 Resp: 2484362

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

203 17.7 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: BM047292.D

Acq: 21 Aug 2024 11:03

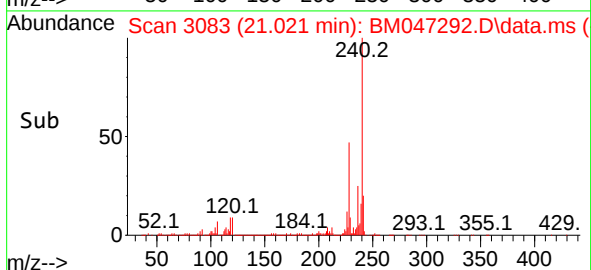
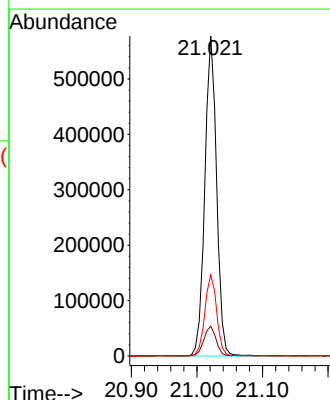
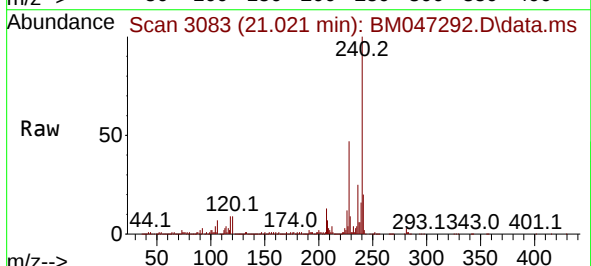
Tgt Ion:240 Resp: 721195

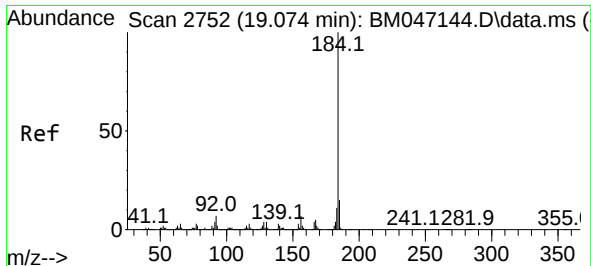
Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

236 25.3 20.6 30.8

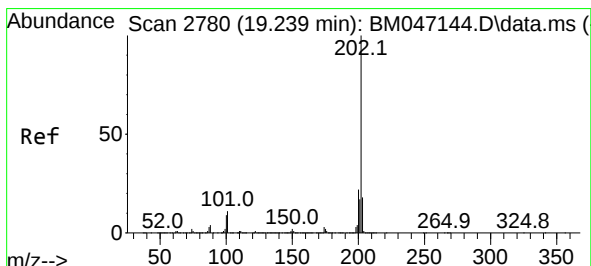
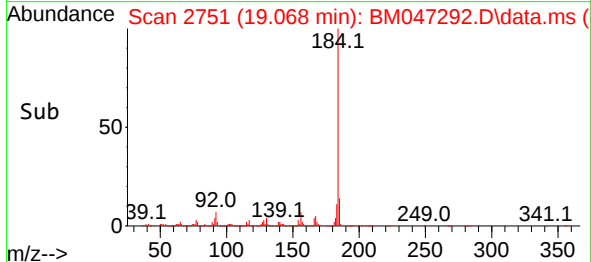
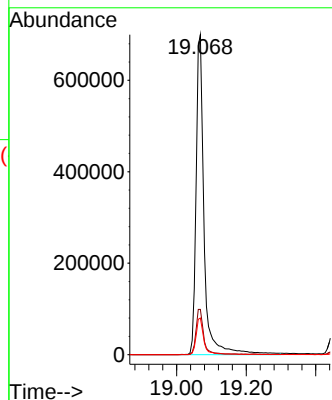
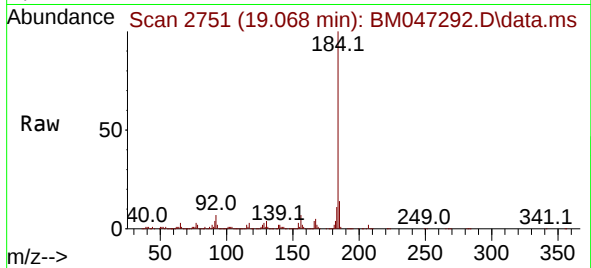




#77
Benzidine
Concen: 91.911 ng
RT: 19.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

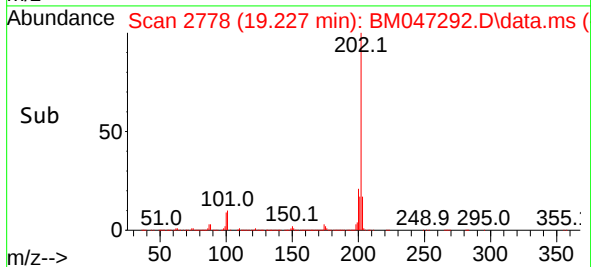
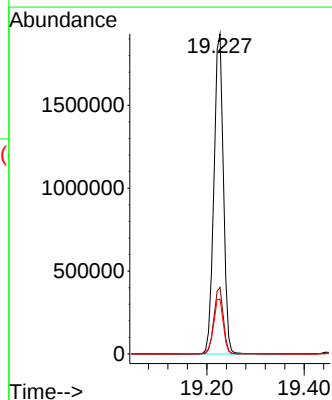
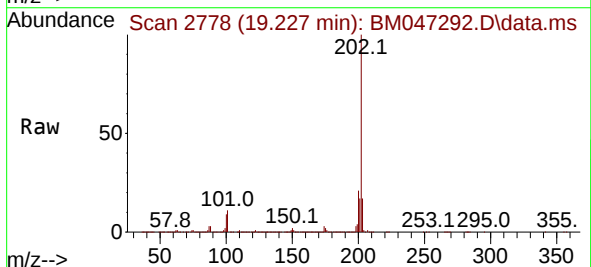
Instrument :
BNA_M
ClientSampleId :
PB162815BS

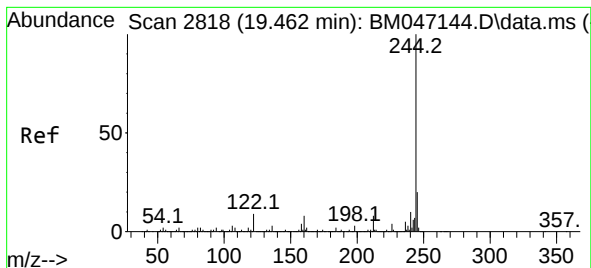
Tgt Ion:184 Resp: 1124105
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.5 9.0 13.6



#78
Pyrene
Concen: 50.330 ng
RT: 19.227 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:202 Resp: 2591775
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.1 14.2 21.2





#79

Terphenyl-d14

Concen: 109.064 ng

RT: 19.450 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

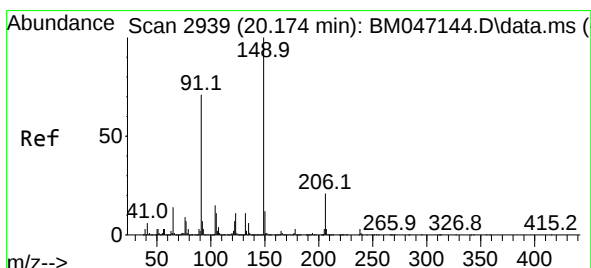
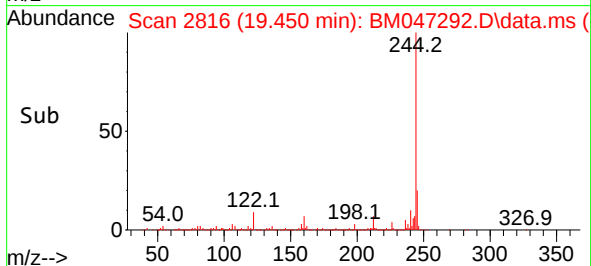
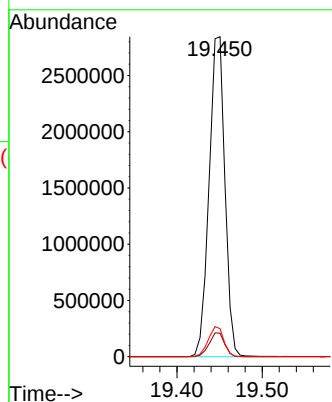
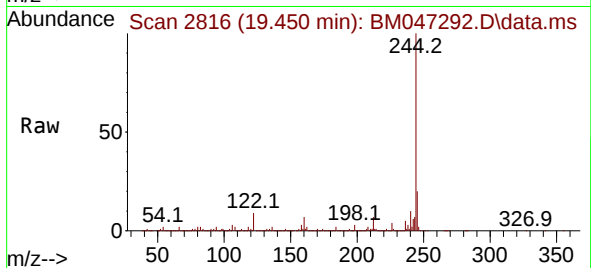
Tgt Ion:244 Resp: 3670802

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 8.8 7.1 10.7



#80

Butylbenzylphthalate

Concen: 47.643 ng

RT: 20.162 min Scan# 2937

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

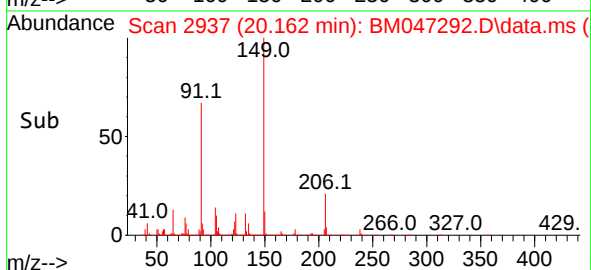
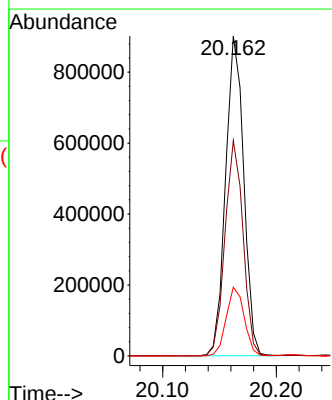
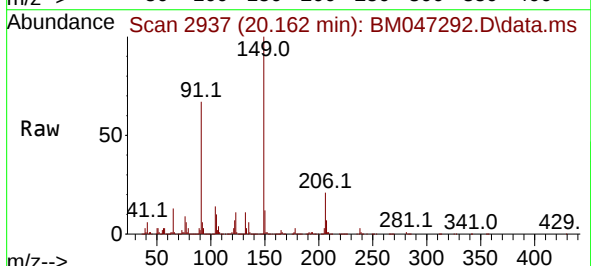
Tgt Ion:149 Resp: 1001227

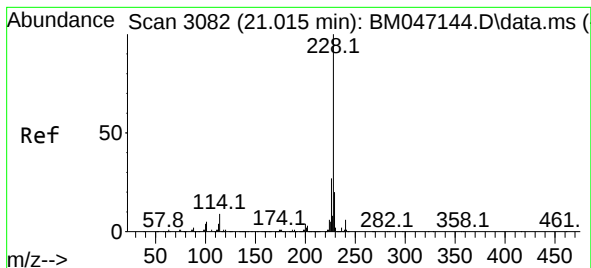
Ion Ratio Lower Upper

149 100

91 67.3 57.0 85.4

206 21.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.461 ng

RT: 21.003 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

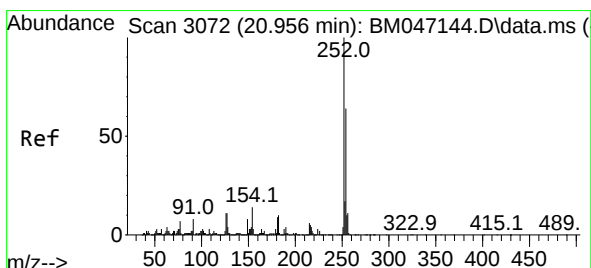
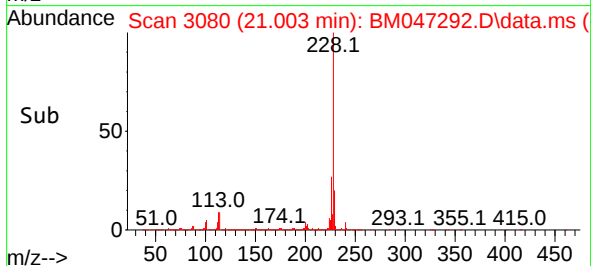
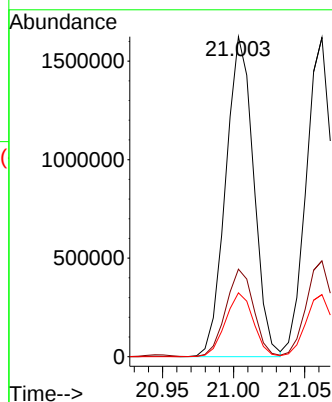
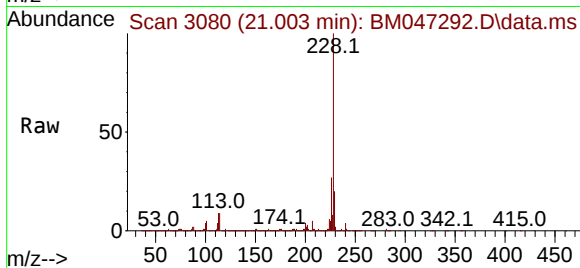
Tgt Ion:228 Resp: 2224398

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 49.051 ng

RT: 20.945 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

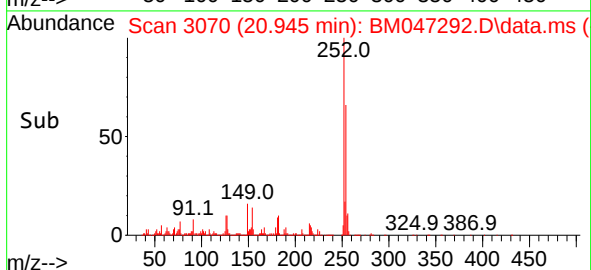
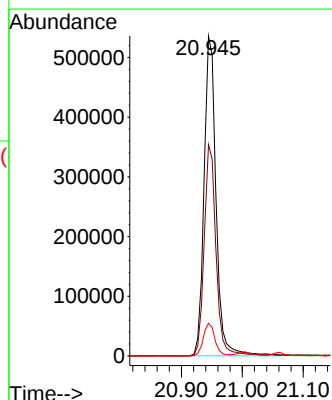
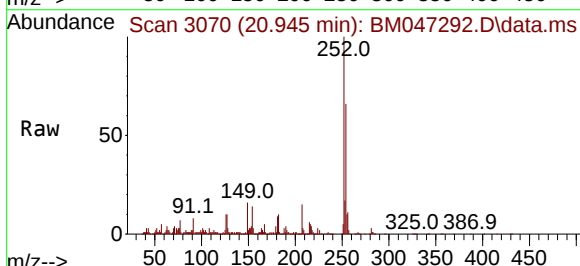
Tgt Ion:252 Resp: 734775

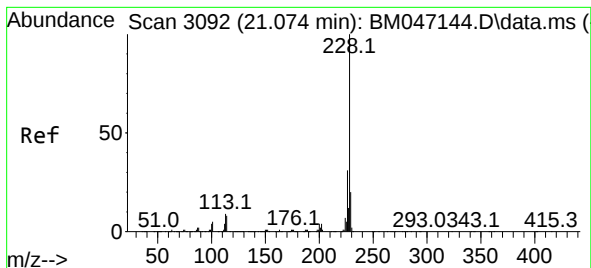
Ion Ratio Lower Upper

252 100

254 66.0 51.0 76.6

126 10.3 8.5 12.7





#83

Chrysene

Concen: 46.475 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

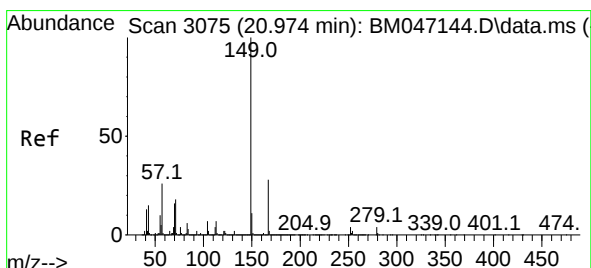
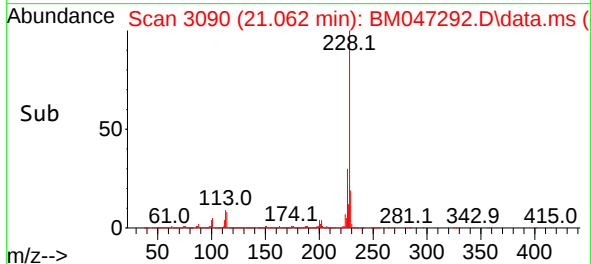
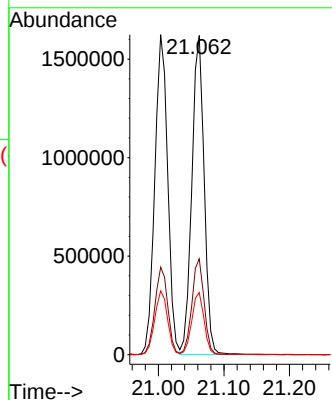
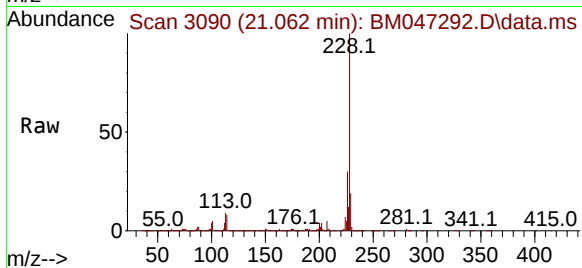
Tgt Ion:228 Resp: 2111081

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.732 ng

RT: 20.962 min Scan# 3073

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

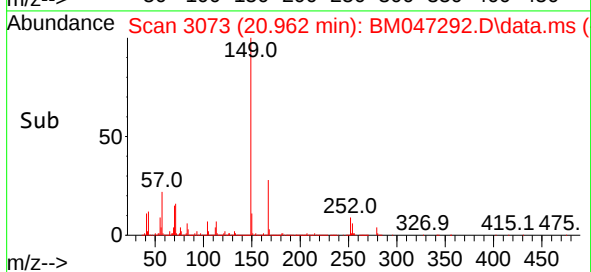
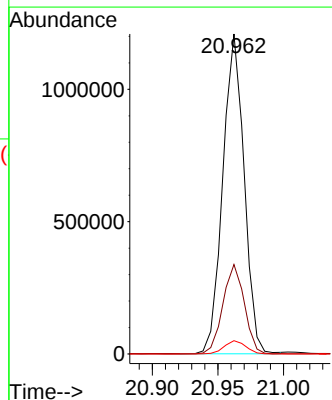
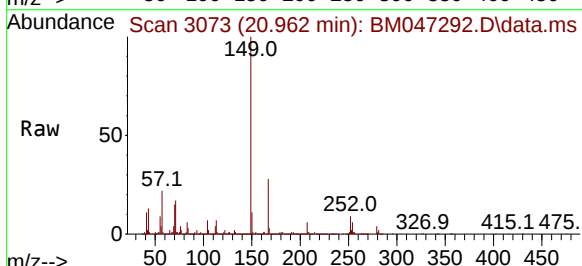
Tgt Ion:149 Resp: 1362962

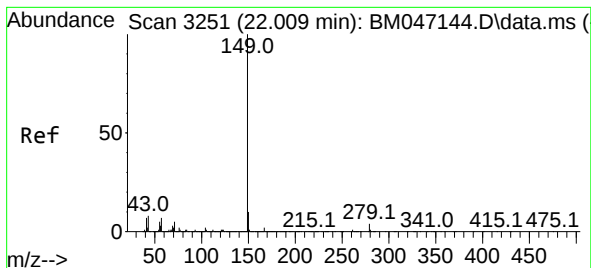
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 45.285 ng

RT: 21.991 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

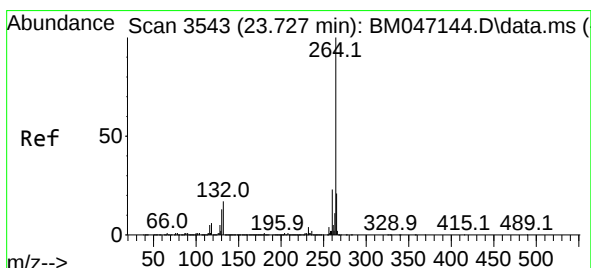
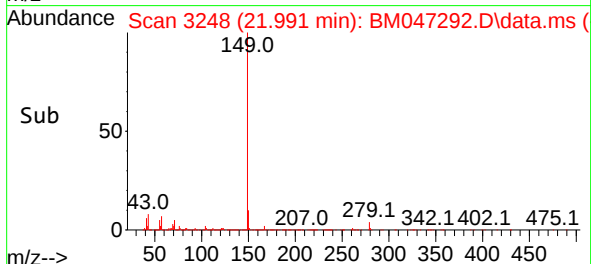
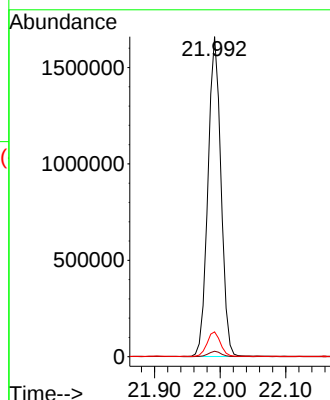
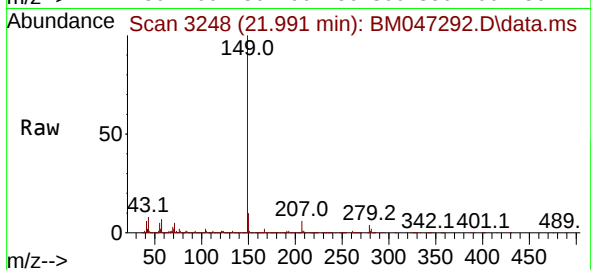
Tgt Ion:149 Resp: 2293996

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

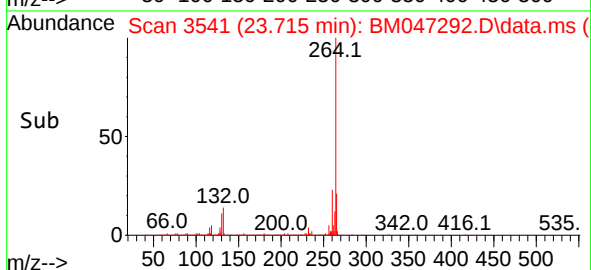
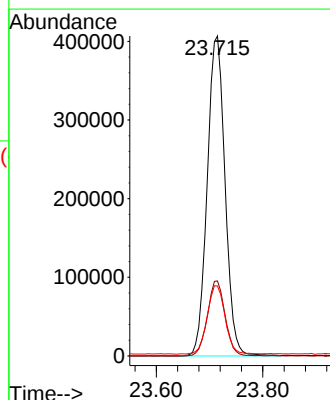
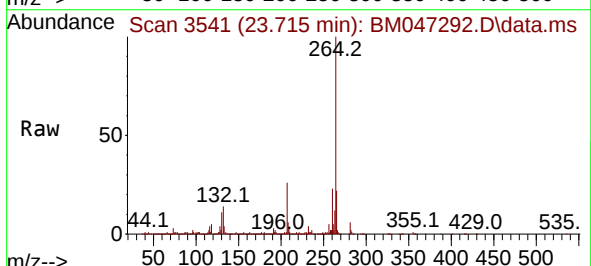
Tgt Ion:264 Resp: 944995

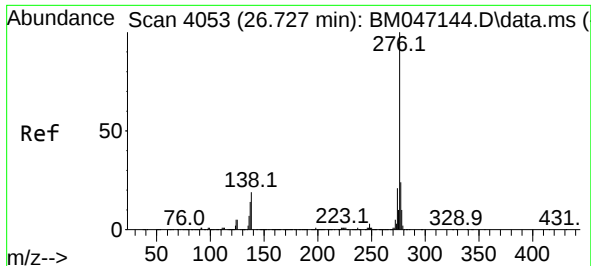
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

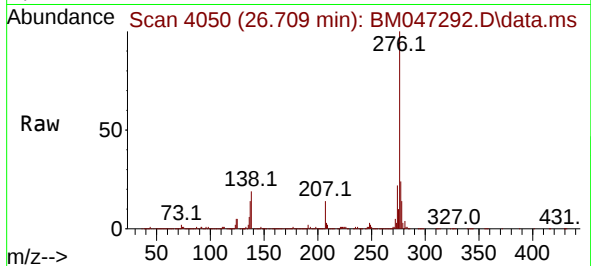
265 21.8 17.3 25.9



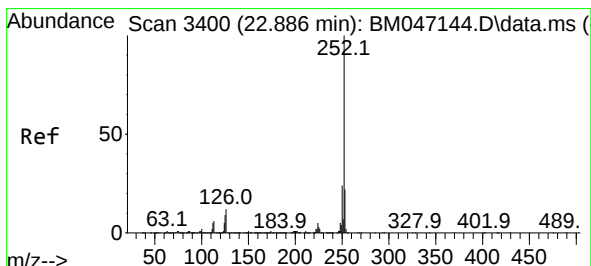
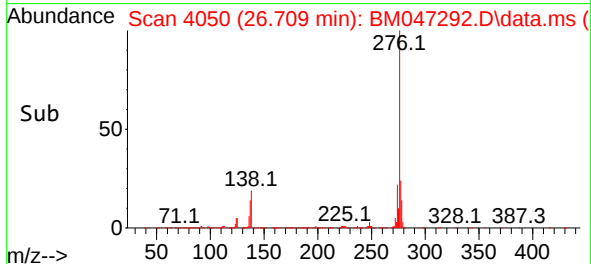
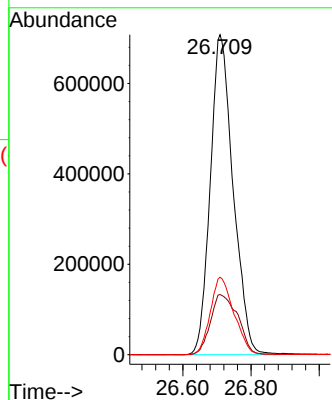


#87
Indeno(1,2,3-cd)pyrene
Concen: 53.961 ng
RT: 26.709 min Scan# 4053
Delta R.T. -0.018 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Instrument :
BNA_M
ClientSampleId :
PB162815BS

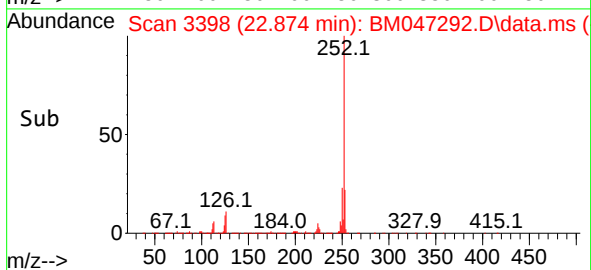
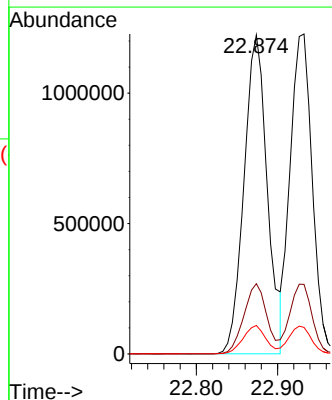
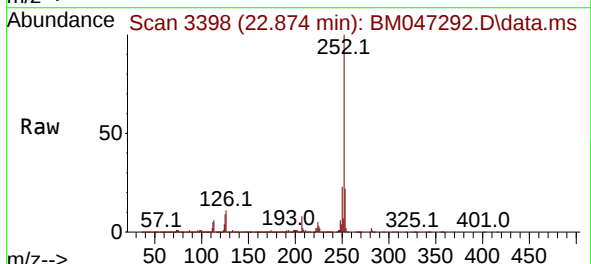


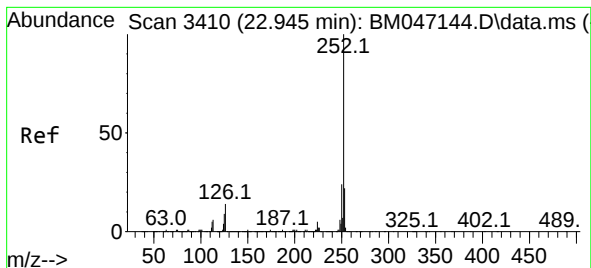
Tgt Ion:276 Resp: 3296057
Ion Ratio Lower Upper
276 100
138 22.5 19.4 29.0
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 43.365 ng
RT: 22.874 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BM047292.D
Acq: 21 Aug 2024 11:03

Tgt Ion:252 Resp: 2433630
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.738 ng

RT: 22.933 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

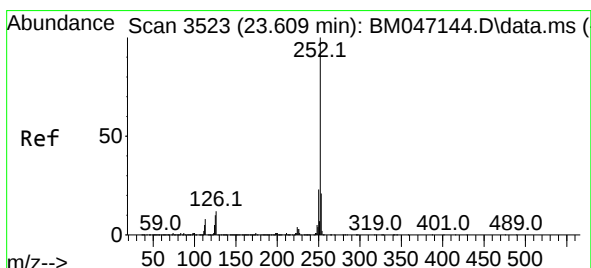
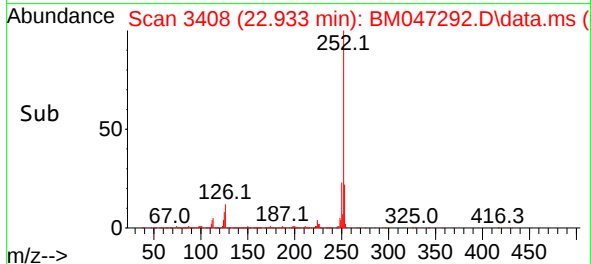
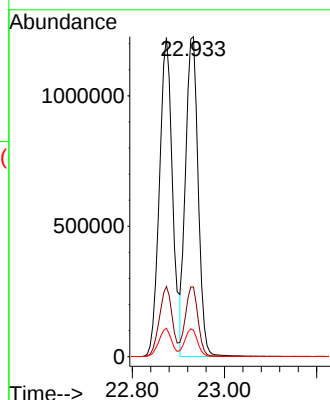
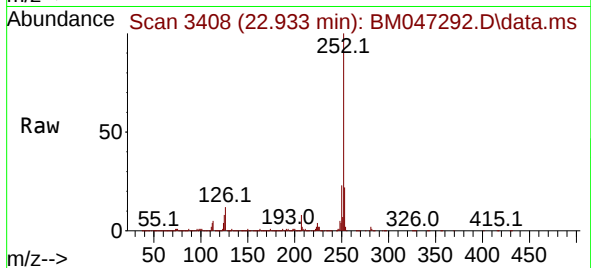
Tgt Ion:252 Resp: 2318465

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.007 ng

RT: 23.591 min Scan# 3520

Delta R.T. -0.018 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

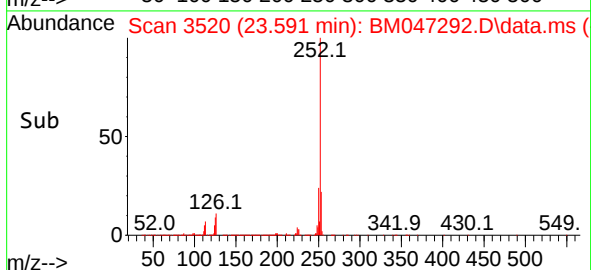
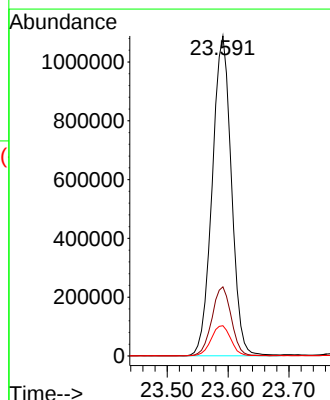
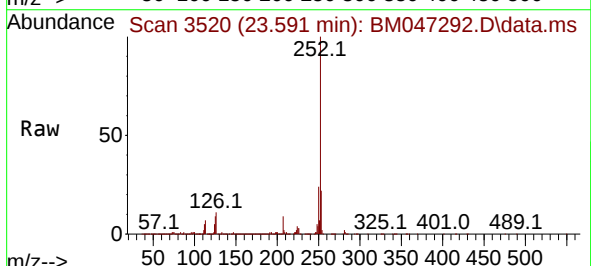
Tgt Ion:252 Resp: 2382473

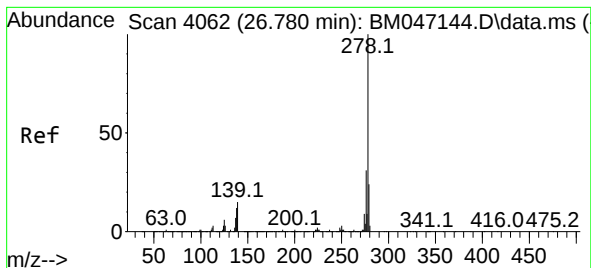
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.4 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 53.012 ng

RT: 26.756 min Scan# 4062

Delta R.T. -0.024 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Instrument :

BNA_M

ClientSampleId :

PB162815BS

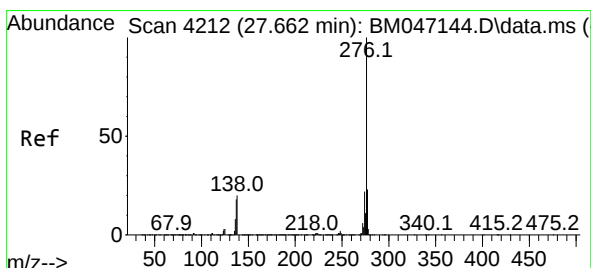
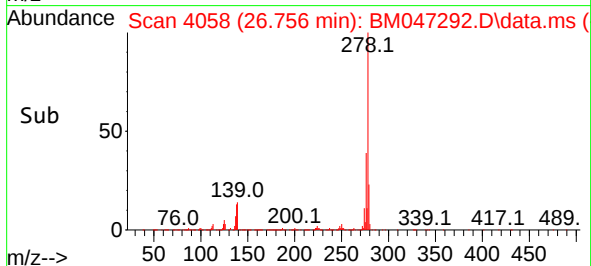
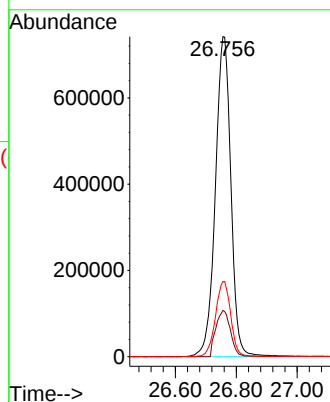
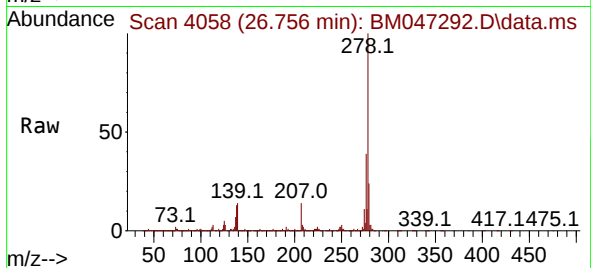
Tgt Ion:278 Resp: 2620519

Ion Ratio Lower Upper

278 100

139 14.5 12.0 18.0

279 23.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 51.073 ng

RT: 27.638 min Scan# 4208

Delta R.T. -0.024 min

Lab File: BM047292.D

Acq: 21 Aug 2024 11:03

Tgt Ion:276 Resp: 2621227

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 19.1 16.2 24.4

