

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047268.D
 Acq On : 20 Aug 2024 12:47
 Operator : RC/JU
 Sample : P3643-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 932-K1-SD-0-0.5-081524MSD

Quant Time: Aug 20 13:26:41 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	210656	20.000	ng	-0.02
21) Naphthalene-d8	10.116	136	828497	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	574741	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1247023	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1090544	20.000	ng	0.00
86) Perylene-d12	23.727	264	1132549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1287217	109.185	ng	0.00
7) Phenol-d6	6.575	99	1718184	105.769	ng	-0.01
23) Nitrobenzene-d5	8.510	82	1056464	64.208	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	733721	110.099	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	2058767	55.255	ng	-0.02
79) Terphenyl-d14	19.450	244	2830966	55.624	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	187793	38.445	ng	96
3) Pyridine	3.399	79	528888	36.923	ng	96
4) n-Nitrosodimethylamine	3.316	42	238826	38.163	ng	98
6) Aniline	6.710	93	579197	37.722	ng	98
8) 2-Chlorophenol	6.939	128	646413	50.272	ng	97
9) Benzaldehyde	6.522	77	345833	40.997	ng	98
10) Phenol	6.604	94	765975	47.255	ng	99
11) bis(2-Chloroethyl)ether	6.810	93	594362	42.818	ng	99
12) 1,3-Dichlorobenzene	7.245	146	690004	45.158	ng	97
13) 1,4-Dichlorobenzene	7.392	146	696669	45.032	ng	99
14) 1,2-Dichlorobenzene	7.704	146	676608	46.353	ng	99
15) Benzyl Alcohol	7.610	79	590464	51.072	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.886	45	744680	41.807	ng	98
17) 2-Methylphenol	7.822	107	524401	48.493	ng	99
18) Hexachloroethane	8.410	117	261436	43.627	ng	96
19) n-Nitroso-di-n-propyla...	8.169	70	457030	41.768	ng	97
20) 3+4-Methylphenols	8.151	107	725204	47.969	ng	98
22) Acetophenone	8.181	105	883150	44.161	ng	98
24) Nitrobenzene	8.551	77	711356	42.936	ng	97
25) Isophorone	9.075	82	1317123	45.975	ng	98
26) 2-Nitrophenol	9.251	139	369917	50.416	ng	95
27) 2,4-Dimethylphenol	9.333	122	537210	62.503	ng	100
28) bis(2-Chloroethoxy)met...	9.557	93	807796	44.812	ng	98
29) 2,4-Dichlorophenol	9.786	162	684505	53.675	ng	97
30) 1,2,4-Trichlorobenzene	9.986	180	682425	47.285	ng	99
31) Naphthalene	10.163	128	1884834	45.668	ng	99
32) Benzoic acid	9.522	122	542239	54.302	ng	94
33) 4-Chloroaniline	10.292	127	454684	28.648	ng	99
34) Hexachlorobutadiene	10.451	225	423307	50.112	ng	99
35) Caprolactam	11.104	113	235932	53.272	ng	93
36) 4-Chloro-3-methylphenol	11.445	107	693009	51.025	ng	99
37) 2-Methylnaphthalene	11.792	142	1395582	47.491	ng	98
38) 1-Methylnaphthalene	12.016	142	1310097	45.109	ng	99
40) 1,2,4,5-Tetrachloroben...	12.174	216	777218	49.579	ng	99
41) Hexachlorocyclopentadiene	12.145	237	620783	113.406	ng	97
43) 2,4,6-Trichlorophenol	12.433	196	586805	52.665	ng	99

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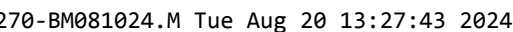
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	643010	51.976	ng	97
46) 1,1'-Biphenyl	12.839	154	1854149	45.315	ng	99
47) 2-Chloronaphthalene	12.874	162	1449116	45.312	ng	98
48) 2-Nitroaniline	13.104	65	465762	46.488	ng	97
49) Acenaphthylene	13.739	152	2339405	49.626	ng	100
50) Dimethylphthalate	13.504	163	1911711	47.626	ng	100
51) 2,6-Dinitrotoluene	13.621	165	434653	46.322	ng	88
52) Acenaphthene	14.086	154	1424979	47.654	ng	99
53) 3-Nitroaniline	13.951	138	324471	34.509	ng	96
54) 2,4-Dinitrophenol	14.174	184	553291	98.382	ng	91
55) Dibenzofuran	14.427	168	2247978	47.594	ng	99
56) 4-Nitrophenol	14.304	139	811759	100.120	ng	96
57) 2,4-Dinitrotoluene	14.421	165	595147	47.519	ng	97
58) Fluorene	15.086	166	1829945	46.955	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.668	232	565582	55.627	ng	94
60) Diethylphthalate	14.886	149	1893795	46.201	ng	98
61) 4-Chlorophenyl-phenyle...	15.086	204	896344	48.311	ng	97
62) 4-Nitroaniline	15.127	138	428962	46.309	ng	95
63) Azobenzene	15.380	77	1713552	44.089	ng	97
65) 4,6-Dinitro-2-methylph...	15.192	198	358736	49.134	ng	93
66) n-Nitrosodiphenylamine	15.310	169	1630113	47.993	ng	99
67) 4-Bromophenyl-phenylether	15.986	248	592305	49.291	ng	97
68) Hexachlorobenzene	16.092	284	688014	47.807	ng	95
69) Atrazine	16.286	200	642069	62.819	ng	99
70) Pentachlorophenol	16.445	266	1017163	100.826	ng	99
71) Phenanthrene	16.827	178	3015675	48.187	ng	100
72) Anthracene	16.921	178	3099134	50.894	ng	100
73) Carbazole	17.204	167	2968106	47.738	ng	99
74) Di-n-butylphthalate	17.786	149	3439944	47.549	ng	99
75) Fluoranthene	18.862	202	3725232	48.938	ng	99
77) Benzidine	19.074	184	1709967	92.461	ng	99
78) Pyrene	19.233	202	3893217	49.998	ng	99
80) Butylbenzylphthalate	20.168	149	1691944	53.243	ng	96
81) Benzo(a)anthracene	21.015	228	3556373	49.123	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	1074842	47.451	ng	100
83) Chrysene	21.068	228	3304751	48.113	ng	100
84) Bis(2-ethylhexyl)phtha...	20.968	149	2314696	51.362	ng	98
85) Di-n-octyl phthalate	21.997	149	4143894	54.098	ng	97
87) Indeno(1,2,3-cd)pyrene	26.732	276	3477411	47.502	ng	98
88) Benzo(b)fluoranthene	22.886	252	3290069	48.917	ng	99
89) Benzo(k)fluoranthene	22.938	252	3083942	48.545	ng	99
90) Benzo(a)pyrene	23.603	252	2970189	50.979	ng	99
91) Dibenzo(a,h)anthracene	26.773	278	2776944	46.874	ng	99
92) Benzo(g,h,i)perylene	27.662	276	2673292	43.461	ng	99

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

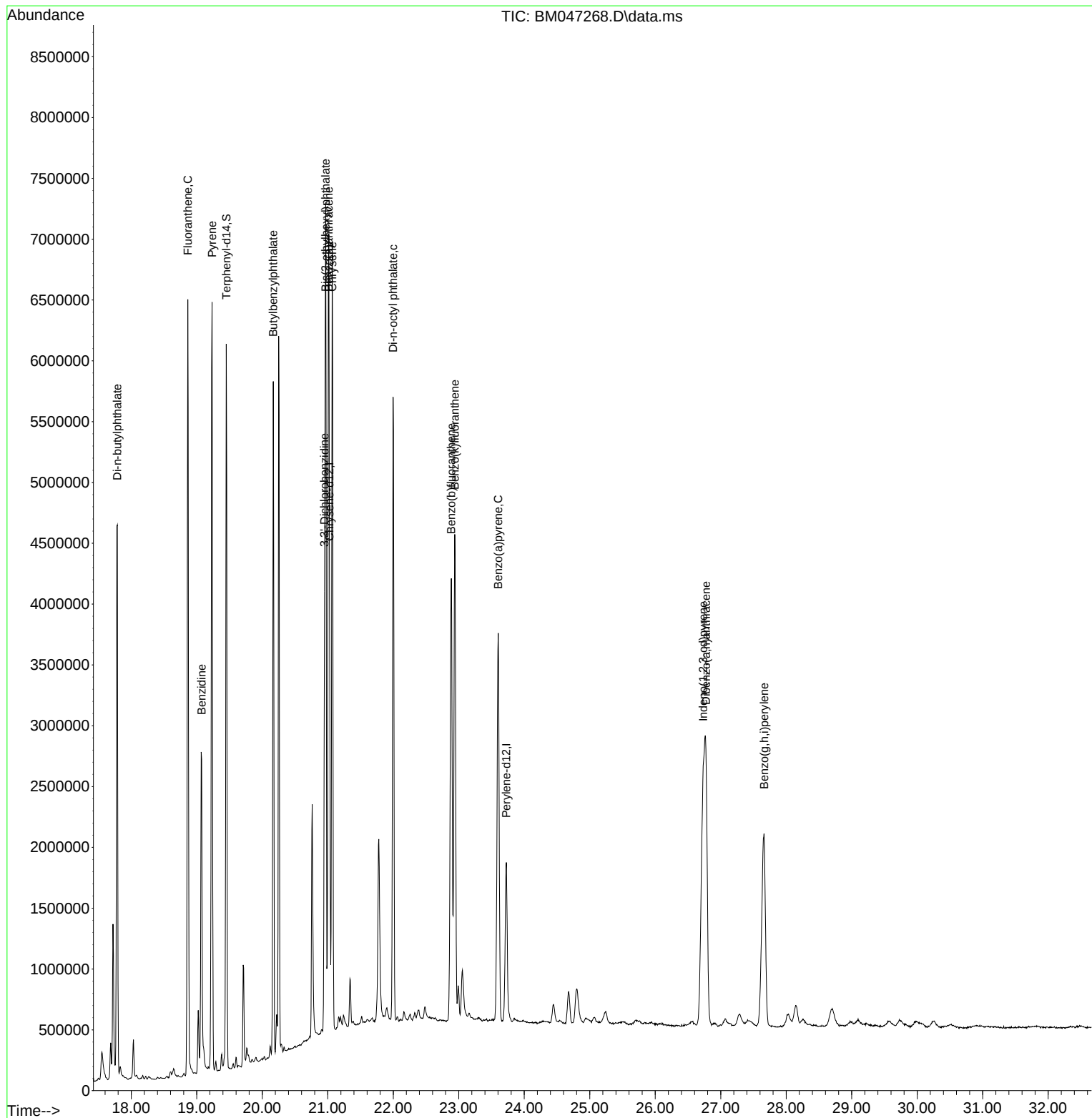
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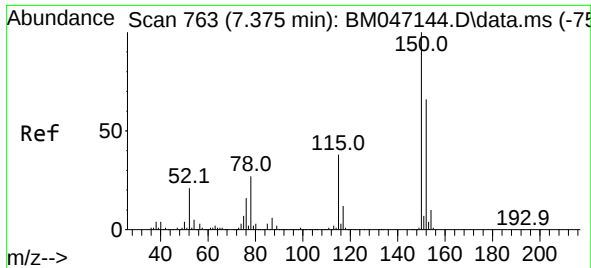


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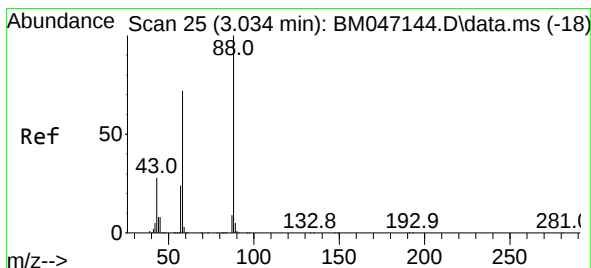
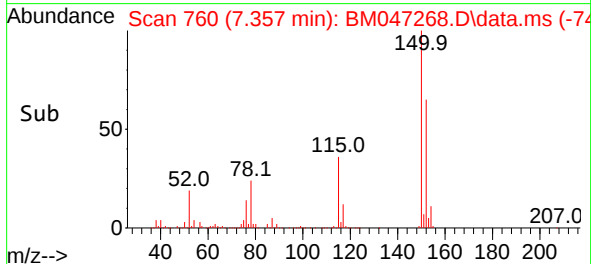
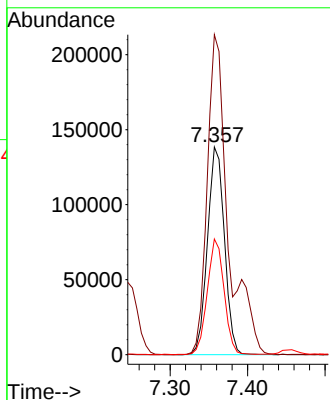
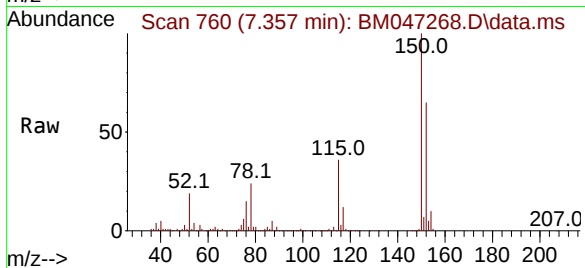




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 7
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

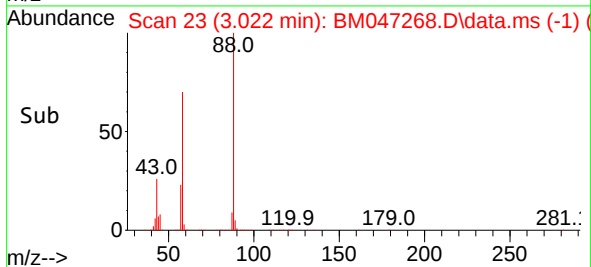
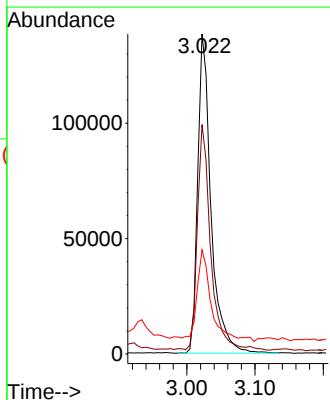
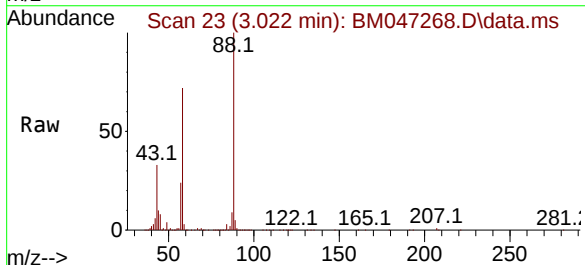
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Tgt Ion:152 Resp: 210656
Ion Ratio Lower Upper
152 100
150 154.0 120.5 180.7
115 55.7 45.5 68.3



#2
1,4-Dioxane
Concen: 38.445 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 88 Resp: 187793
Ion Ratio Lower Upper
88 100
58 70.5 58.2 87.4
43 31.2 22.5 33.7

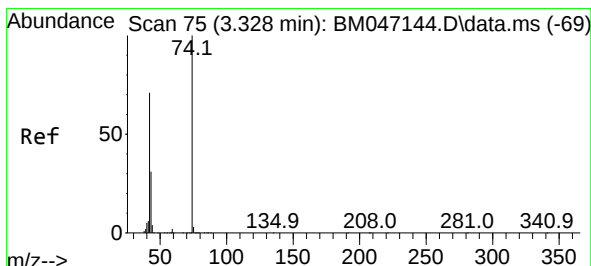
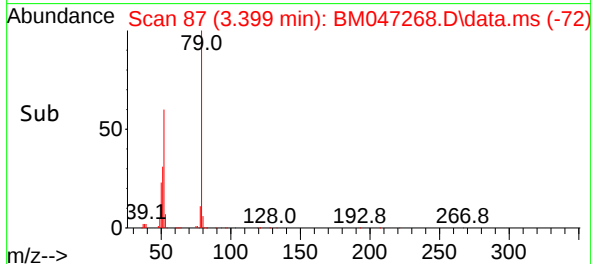
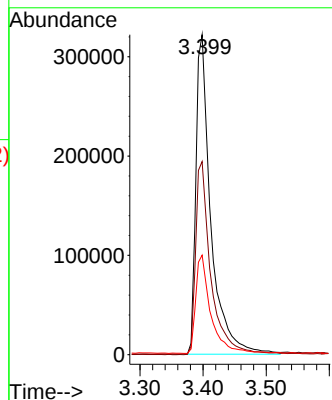
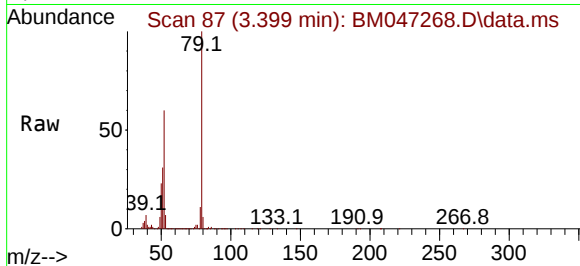




#3
 Pyridine
 Concen: 36.923 ng
 RT: 3.399 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047268.D
 Acq: 20 Aug 2024 12:47

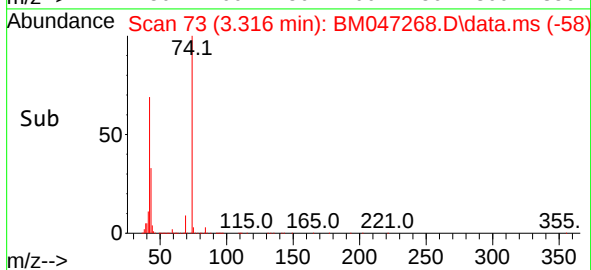
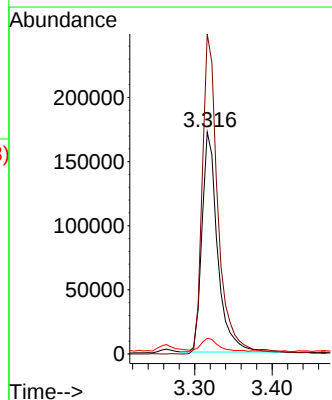
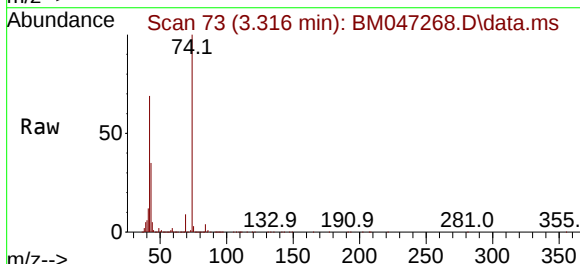
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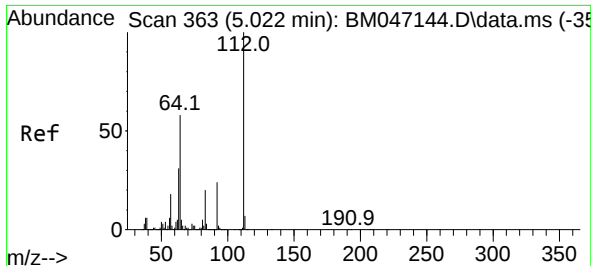
Tgt Ion: 79 Resp: 528888
 Ion Ratio Lower Upper
 79 100
 52 60.4 51.2 76.8
 51 31.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 38.163 ng
 RT: 3.316 min Scan# 73
 Delta R.T. -0.012 min
 Lab File: BM047268.D
 Acq: 20 Aug 2024 12:47

Tgt Ion: 42 Resp: 238826
 Ion Ratio Lower Upper
 42 100
 74 144.2 112.9 169.3
 44 7.1 5.3 7.9

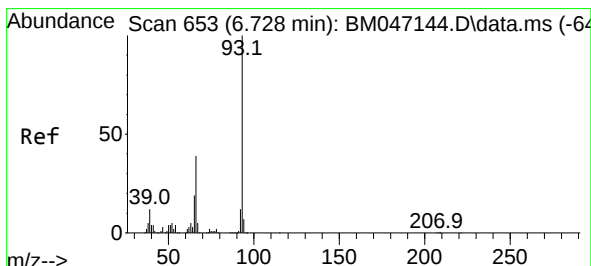
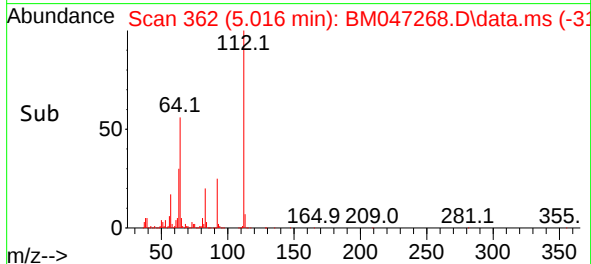
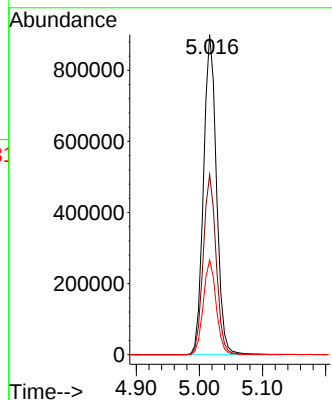
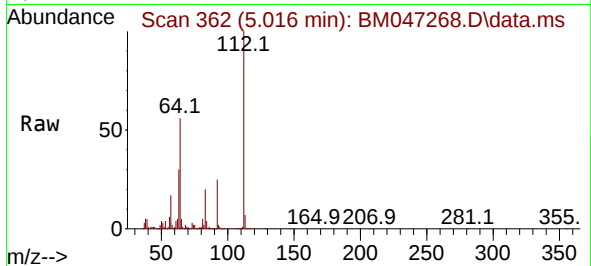




#5
2-Fluorophenol
Concen: 109.185 ng
RT: 5.016 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

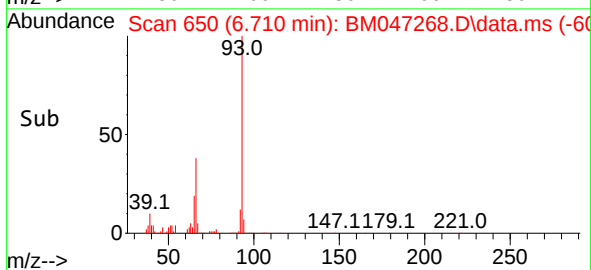
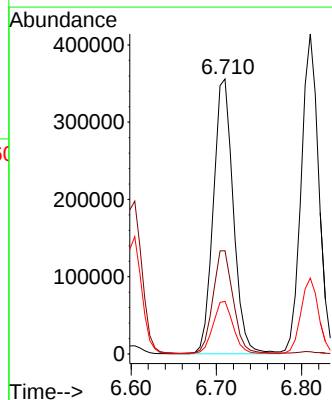
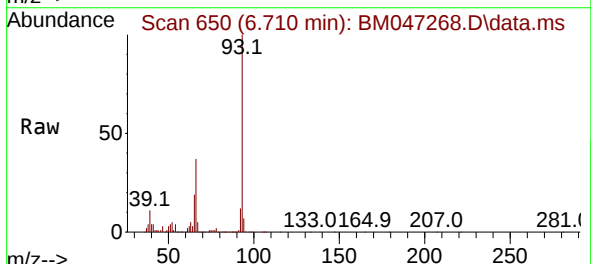
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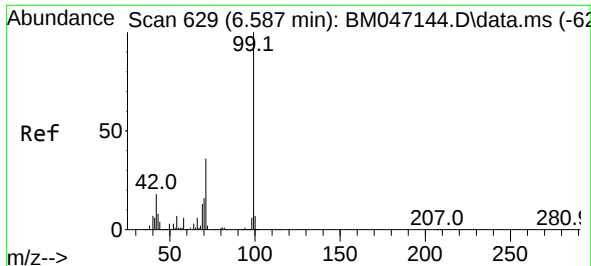
Tgt Ion:112 Resp: 1287217
Ion Ratio Lower Upper
112 100
64 56.3 46.7 70.1
63 29.6 24.8 37.2



#6
Aniline
Concen: 37.722 ng
RT: 6.710 min Scan# 650
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 93 Resp: 579197
Ion Ratio Lower Upper
93 100
66 37.5 31.4 47.2
65 19.1 15.6 23.4



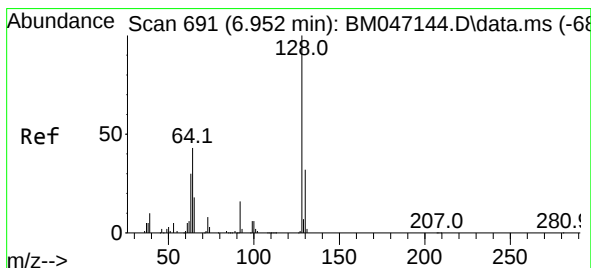
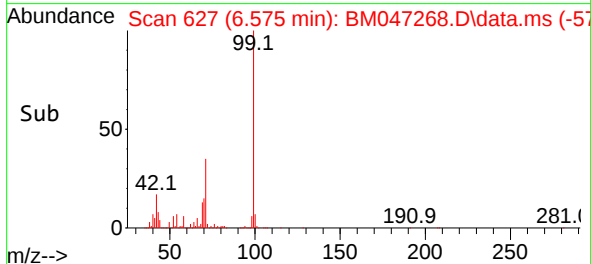
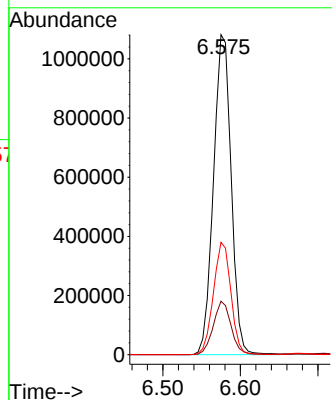
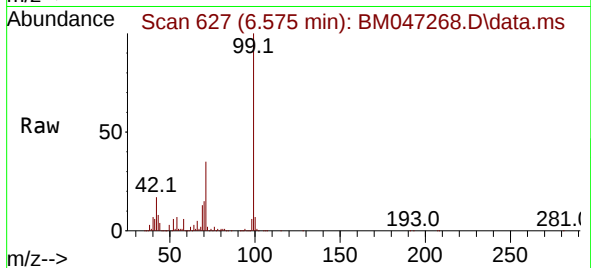


#7
Phenol-d6
Concen: 105.769 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 1718184

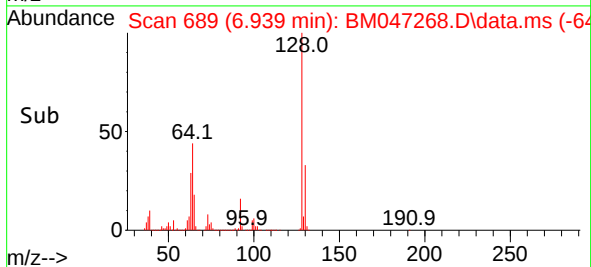
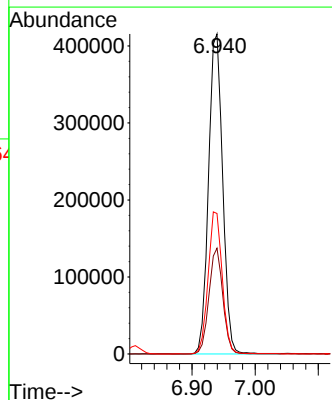
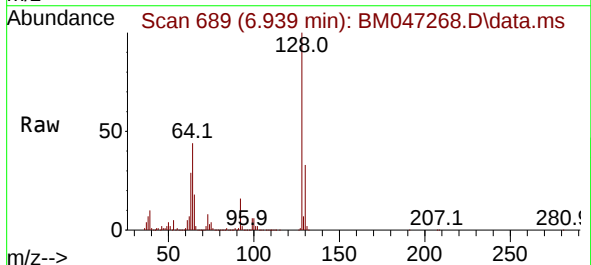
Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	35.1	28.5	42.7

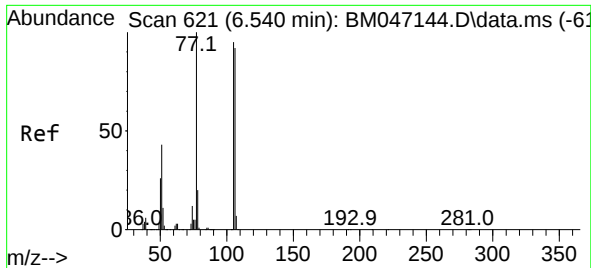


#8
2-Chlorophenol
Concen: 50.272 ng
RT: 6.939 min Scan# 689
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 128 Resp: 646413

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.1	52.1
64	43.9	26.6	66.6

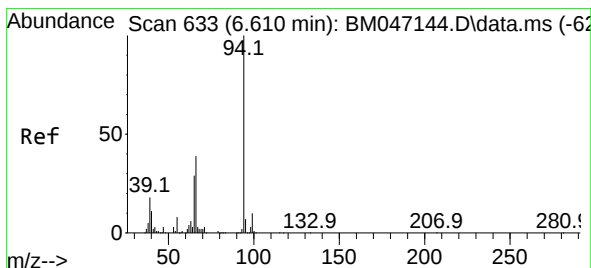
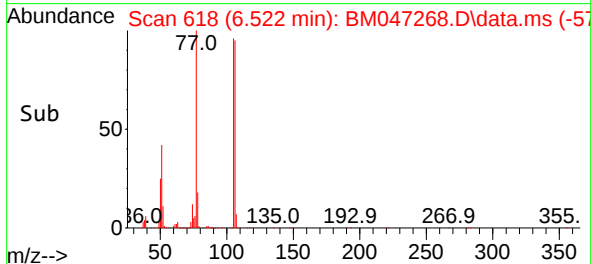
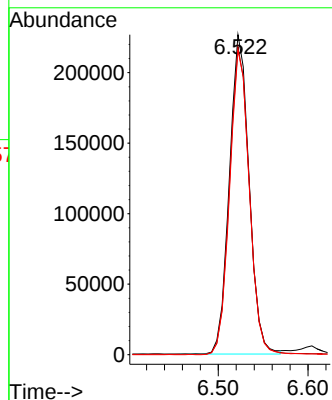
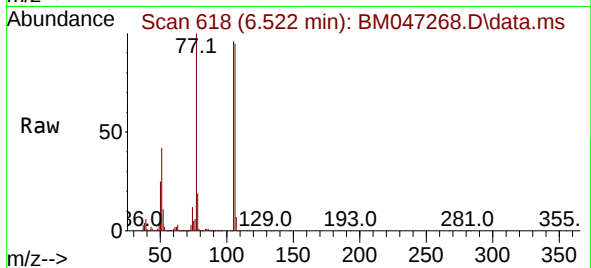




#9
Benzaldehyde
Concen: 40.997 ng
RT: 6.522 min Scan# 61
Delta R.T. -0.018 min
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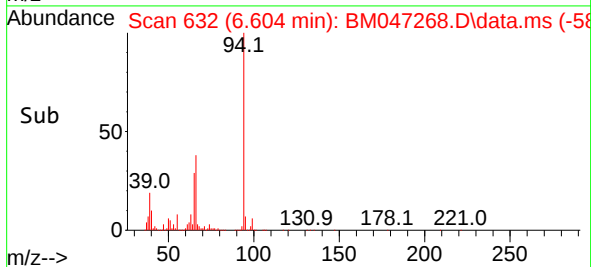
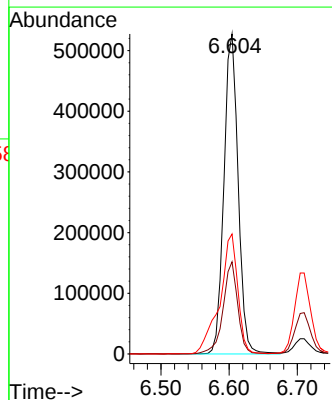
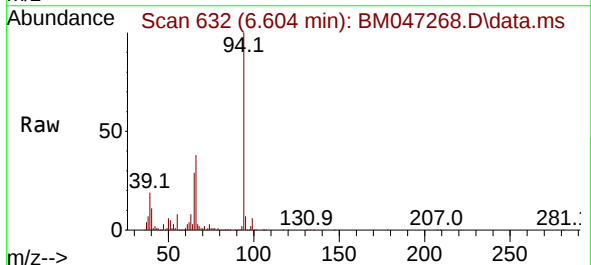
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

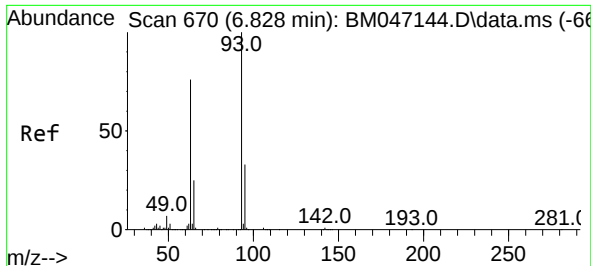
Tgt Ion: 77 Resp: 345833
Ion Ratio Lower Upper
77 100
105 96.2 74.5 114.5
106 95.1 72.3 112.3



#10
Phenol
Concen: 47.255 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 94 Resp: 765975
Ion Ratio Lower Upper
94 100
65 28.8 9.0 49.0
66 37.5 18.9 58.9

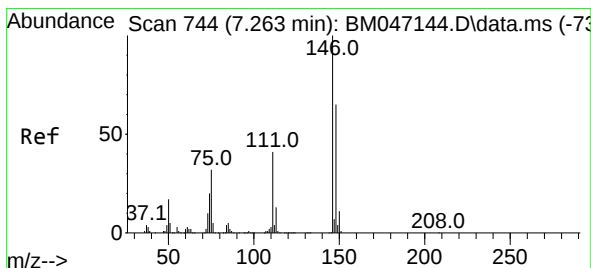
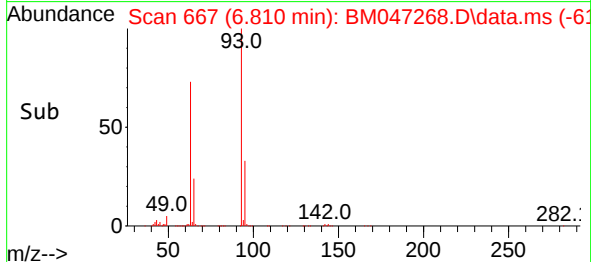
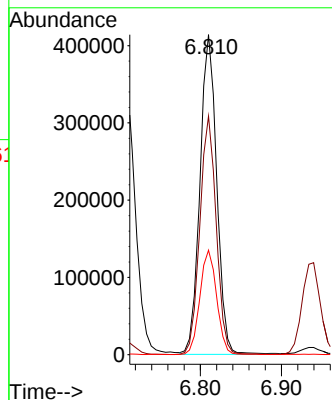
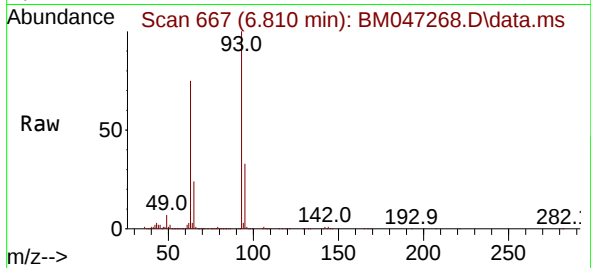




#11
bis(2-Chloroethyl)ether
Concen: 42.818 ng
RT: 6.810 min Scan# 607
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

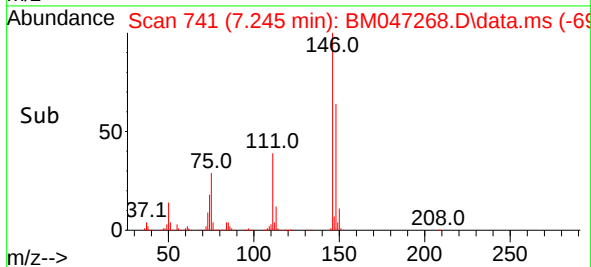
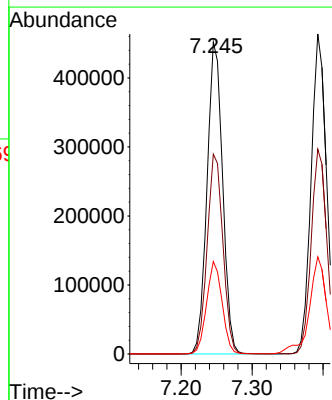
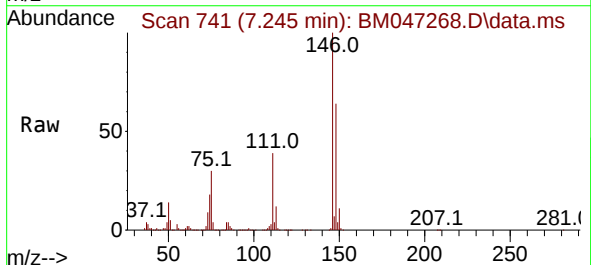
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

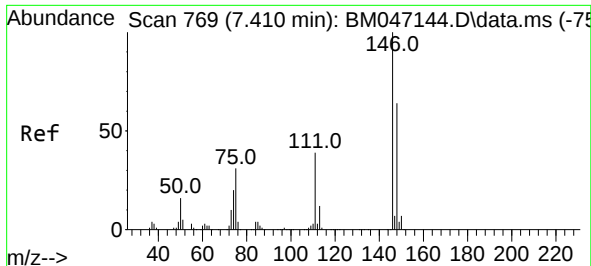
Tgt Ion: 93 Resp: 594362
Ion Ratio Lower Upper
93 100
63 74.6 55.8 95.8
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.158 ng
RT: 7.245 min Scan# 741
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 146 Resp: 690004
Ion Ratio Lower Upper
146 100
148 64.1 52.3 78.5
75 29.6 25.8 38.6

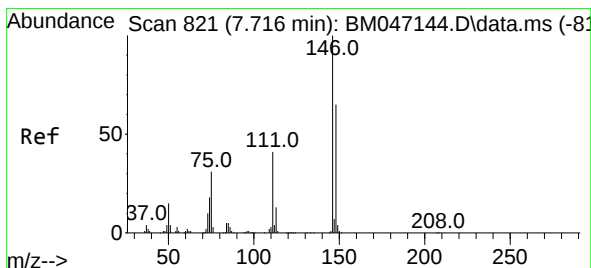
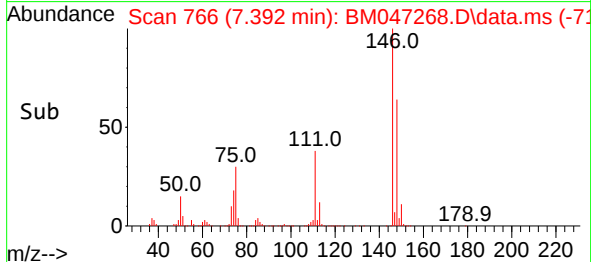
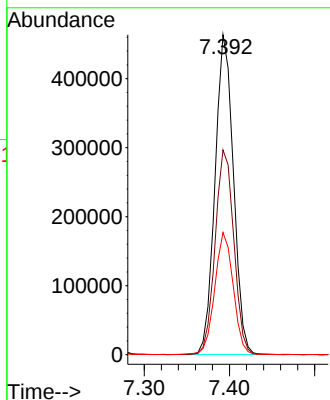
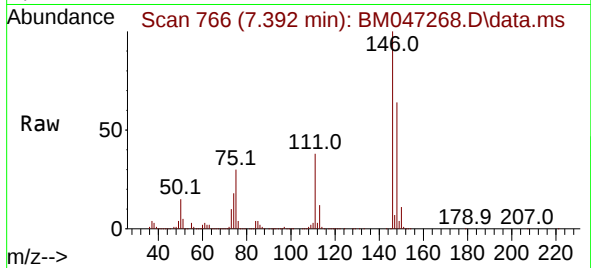




#13
1,4-Dichlorobenzene
Concen: 45.032 ng
RT: 7.392 min Scan# 701
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

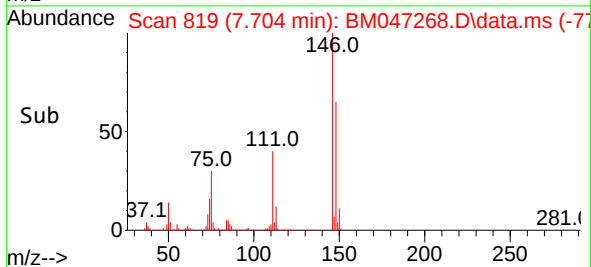
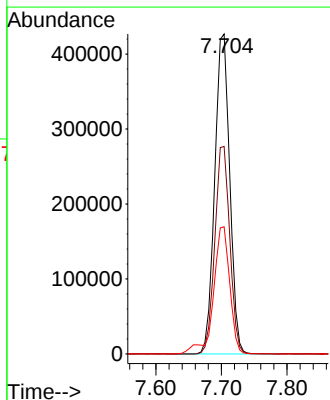
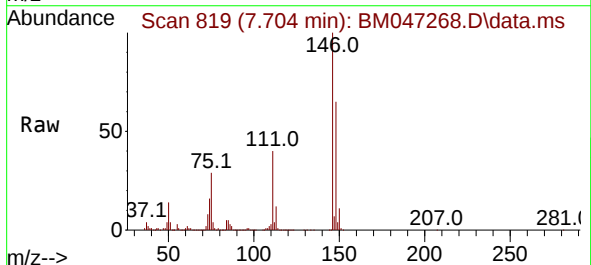
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

Tgt Ion:146 Resp: 696669
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 38.2 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 46.353 ng
RT: 7.704 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:146 Resp: 676608
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 39.8 33.3 49.9

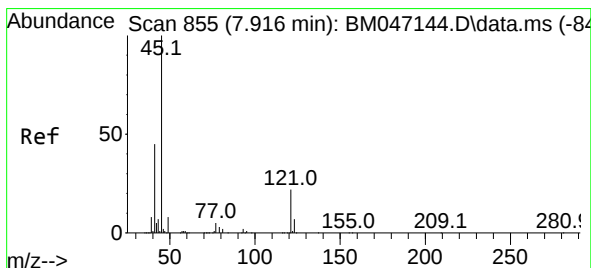
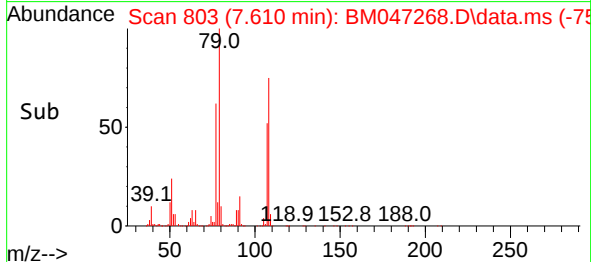
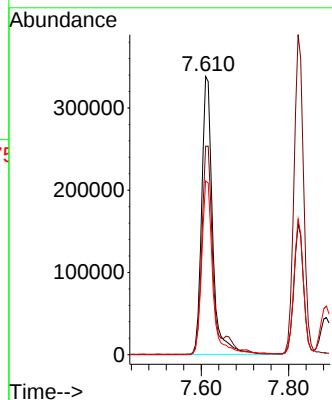
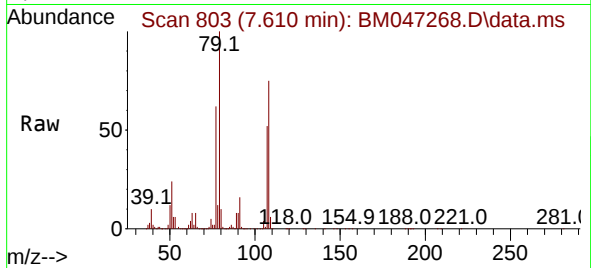




#15
Benzyl Alcohol
Concen: 51.072 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

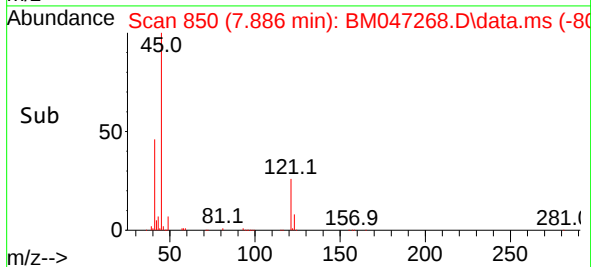
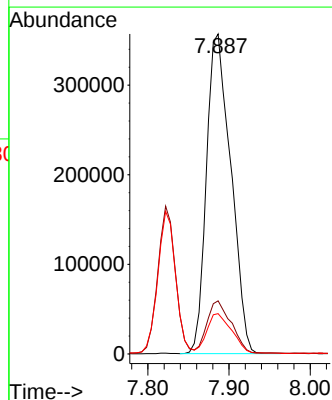
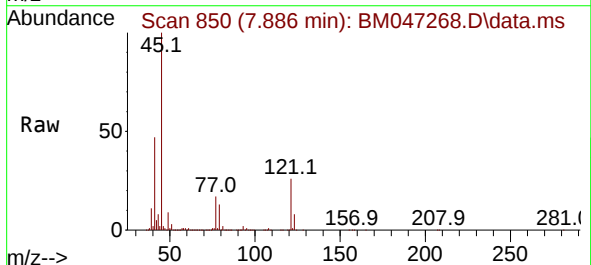
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

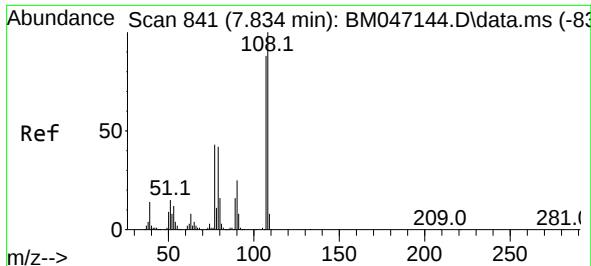
Tgt Ion: 79 Resp: 590464
Ion Ratio Lower Upper
79 100
108 74.9 59.7 89.5
77 62.5 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.807 ng
RT: 7.886 min Scan# 850
Delta R.T. -0.030 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 45 Resp: 744680
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.6
79 12.6 0.0 32.4

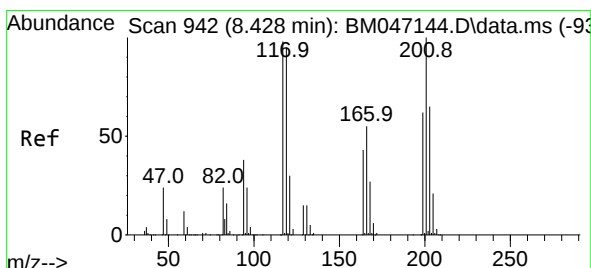
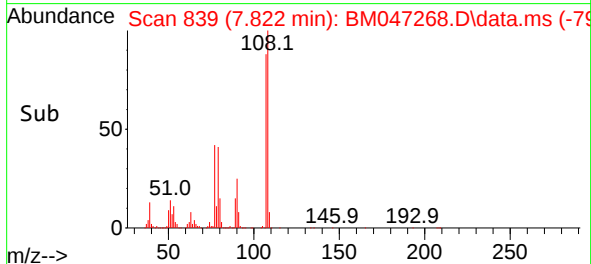
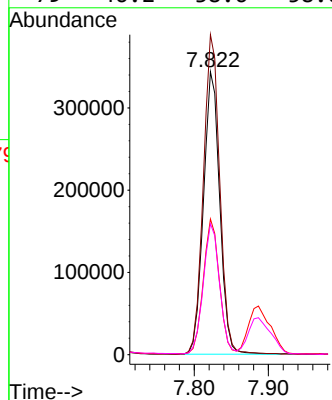
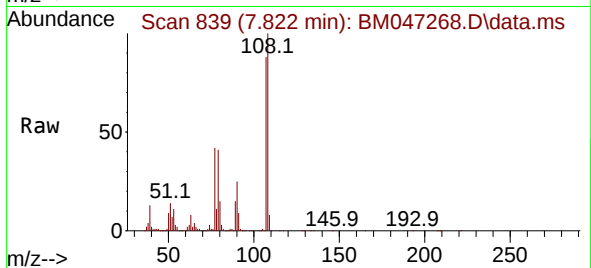




#17
2-Methylphenol
Concen: 48.493 ng
RT: 7.822 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

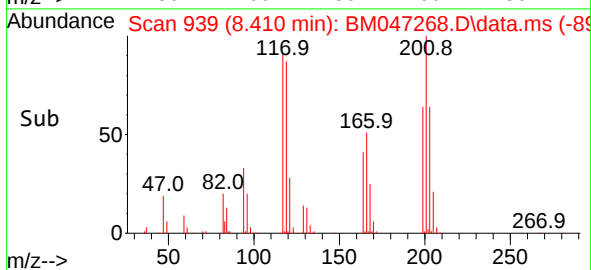
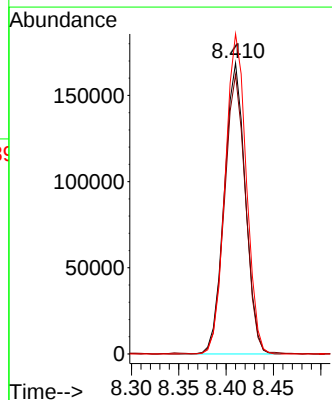
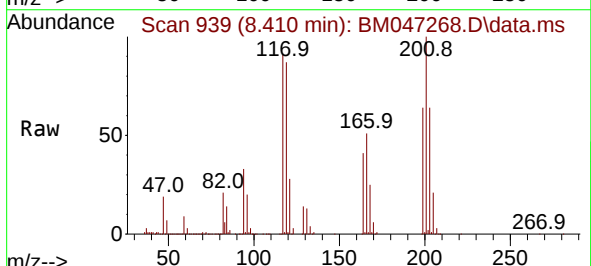
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

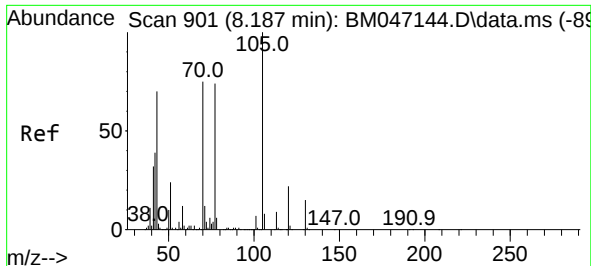
Tgt Ion:	107	Resp:	524401
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.6	135.8
77	48.0	39.3	58.9
79	46.2	38.6	58.0



#18
Hexachloroethane
Concen: 43.627 ng
RT: 8.410 min Scan# 939
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:	117	Resp:	261436
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.4
201	110.0	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.768 ng

RT: 8.169 min Scan# 898

Delta R.T. -0.018 min

Lab File: BM047268.D

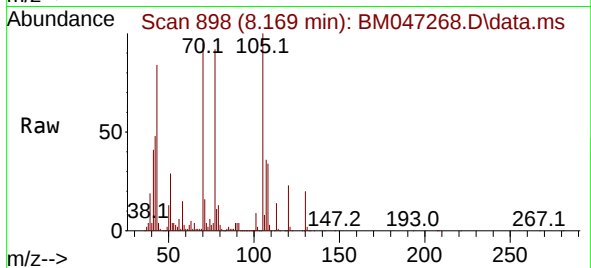
Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD



Tgt Ion: 70 Resp: 457030

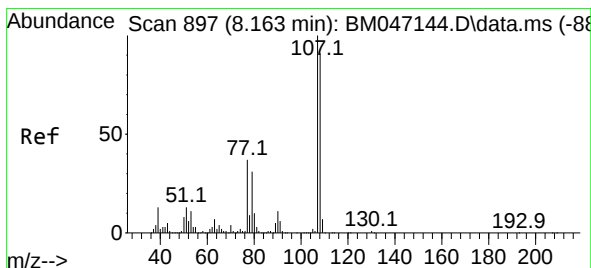
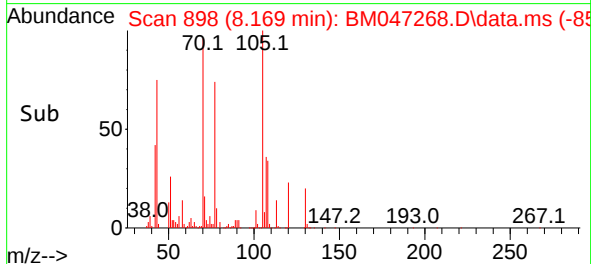
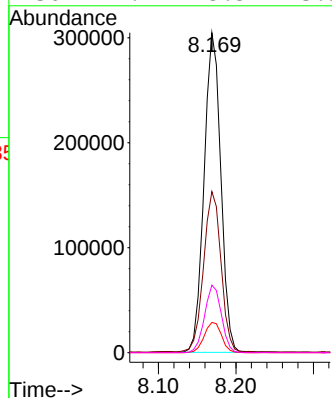
Ion Ratio Lower Upper

70 100

42 50.3 42.0 63.0

101 9.5 7.2 10.8

130 21.1 15.5 23.3



#20

3+4-Methylphenols

Concen: 47.969 ng

RT: 8.151 min Scan# 895

Delta R.T. -0.012 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Tgt Ion: 107 Resp: 725204

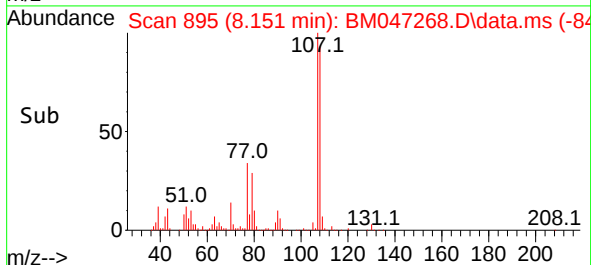
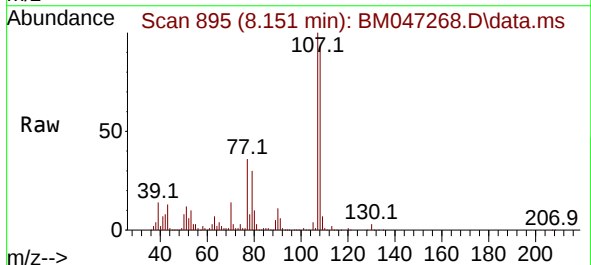
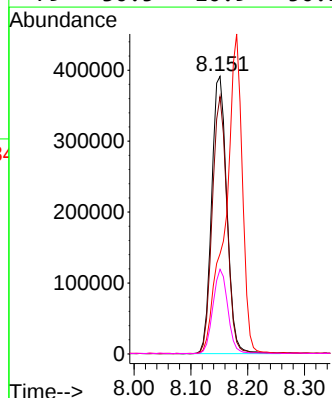
Ion Ratio Lower Upper

107 100

108 92.7 70.7 110.7

77 36.1 17.4 57.4

79 30.5 10.9 50.9

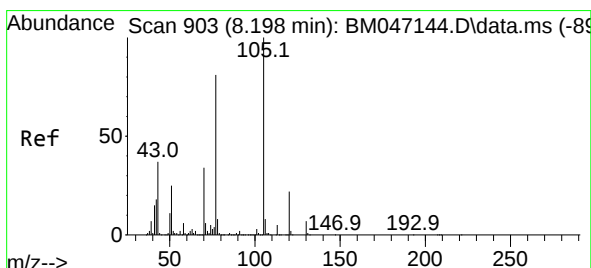
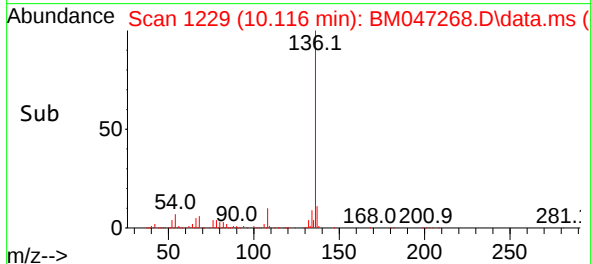
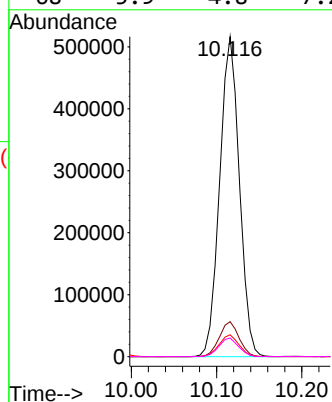
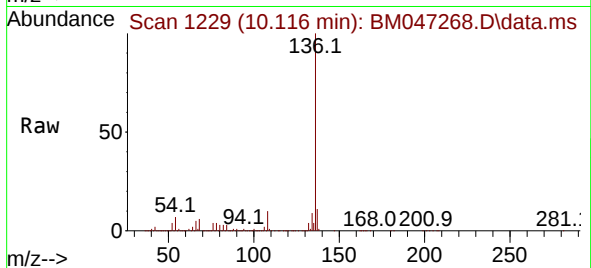




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

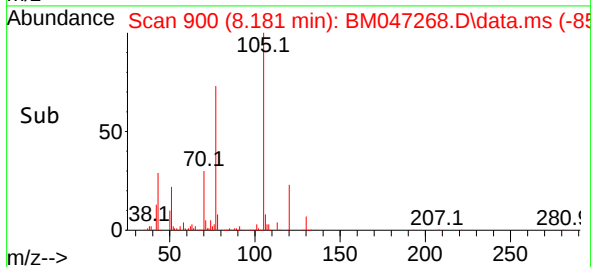
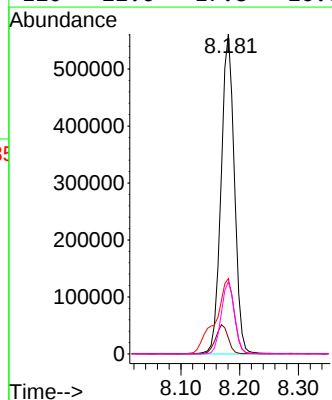
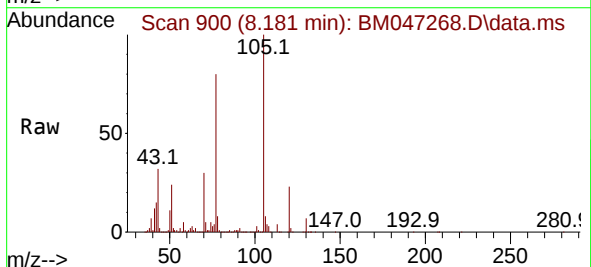
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

Tgt Ion:136 Resp: 828497
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 6.0 9.0
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 44.161 ng
RT: 8.181 min Scan# 900
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:105 Resp: 883150
Ion Ratio Lower Upper
105 100
71 5.0 4.5 6.7
51 23.5 20.1 30.1
120 22.6 17.8 26.6

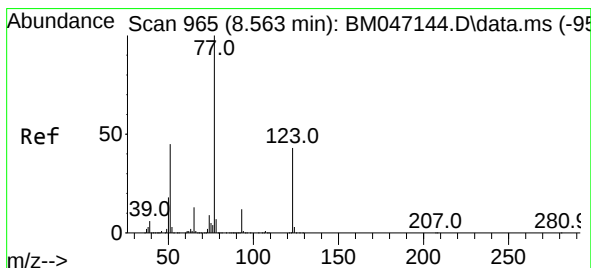
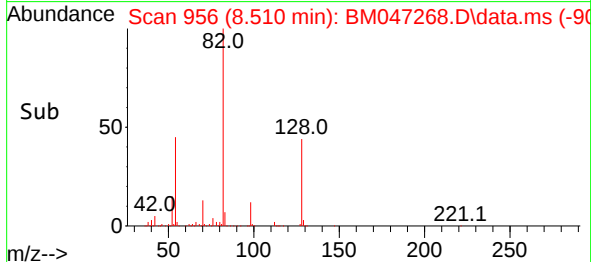
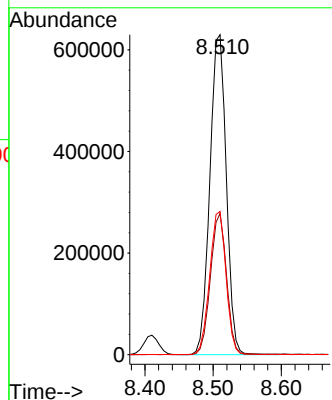
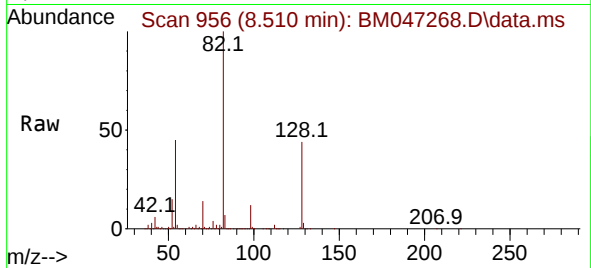




#23
Nitrobenzene-d5
Concen: 64.208 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

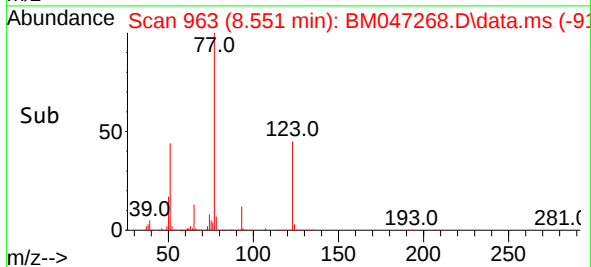
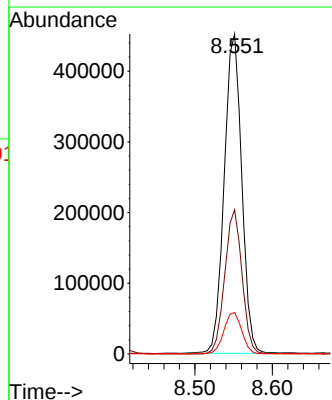
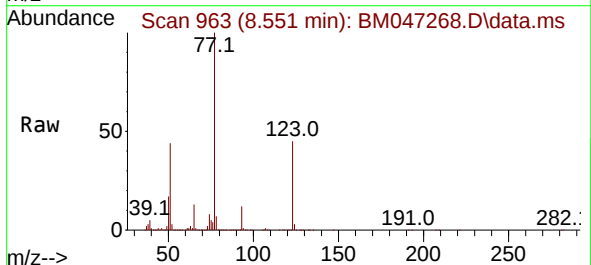
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

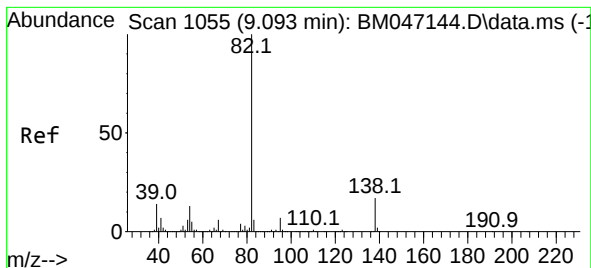
Tgt Ion: 82 Resp: 1056464
Ion Ratio Lower Upper
82 100
128 44.1 32.3 48.5
54 44.8 37.4 56.2



#24
Nitrobenzene
Concen: 42.936 ng
RT: 8.551 min Scan# 963
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 77 Resp: 711356
Ion Ratio Lower Upper
77 100
123 45.1 34.0 51.0
65 13.0 10.5 15.7





#25

Isophorone

Concen: 45.975 ng

RT: 9.075 min Scan# 1052

Delta R.T. -0.018 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

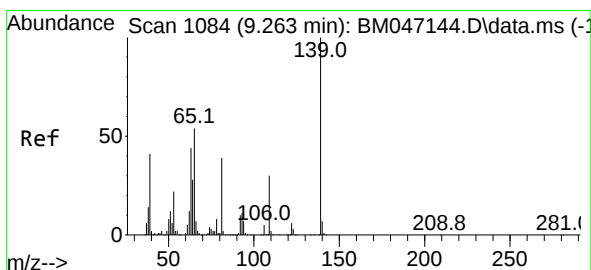
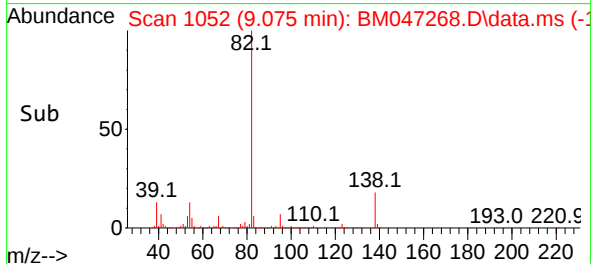
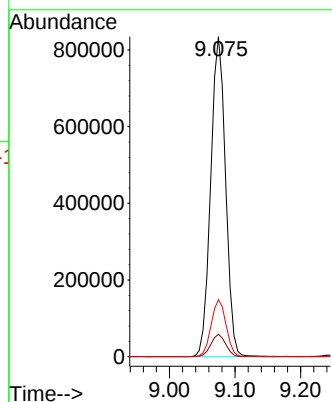
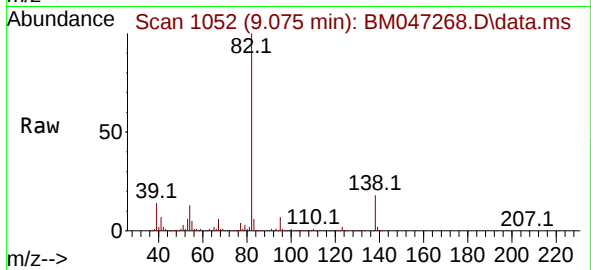
Tgt Ion: 82 Resp: 1317123

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 17.8 13.5 20.3



#26

2-Nitrophenol

Concen: 50.416 ng

RT: 9.251 min Scan# 1082

Delta R.T. -0.012 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

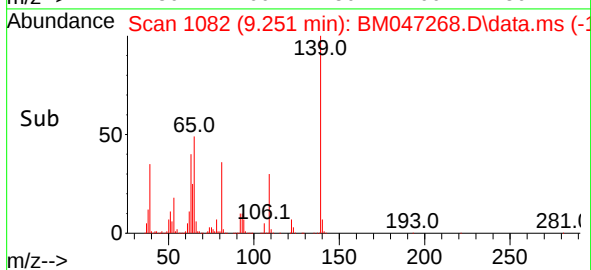
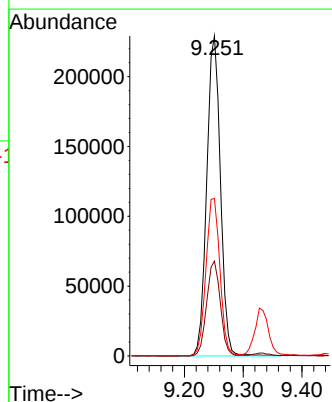
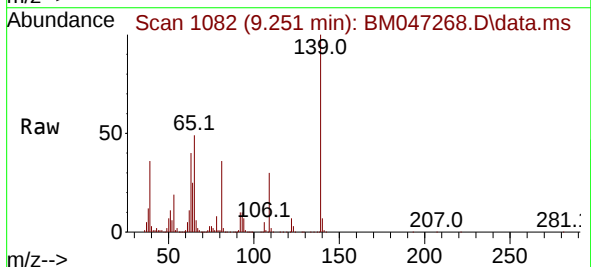
Tgt Ion:139 Resp: 369917

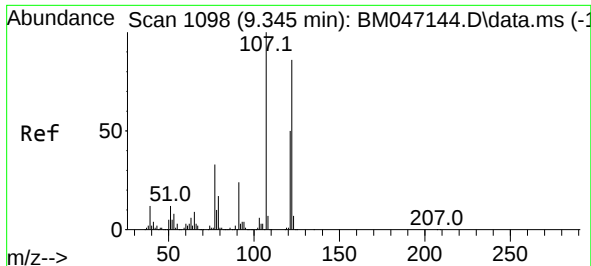
Ion Ratio Lower Upper

139 100

109 29.6 24.4 36.6

65 49.2 43.0 64.6

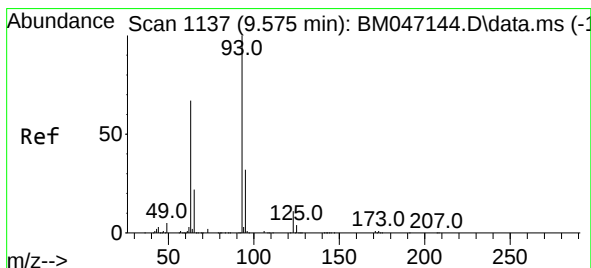
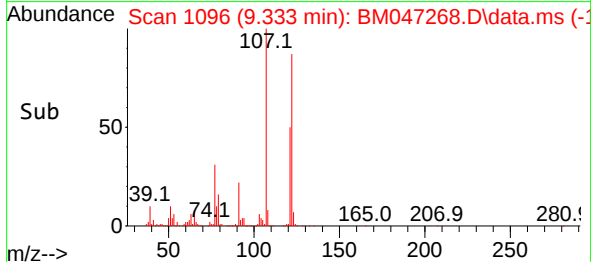
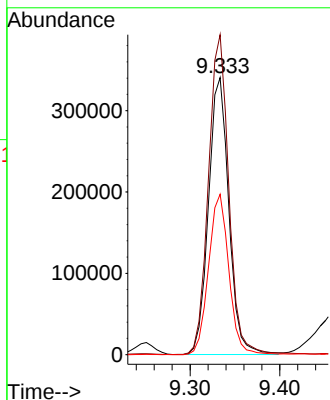
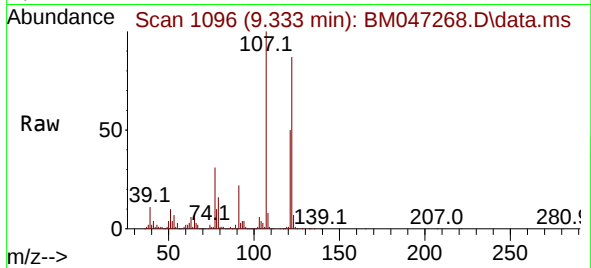




#27
2,4-Dimethylphenol
Concen: 62.503 ng
RT: 9.333 min Scan# 1096
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

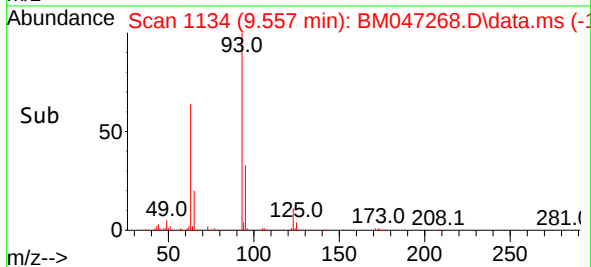
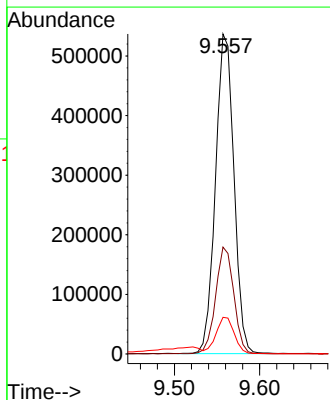
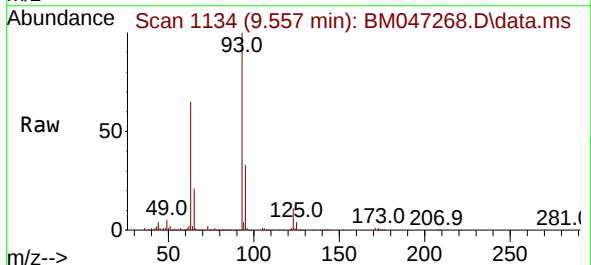
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

Tgt Ion:122 Resp: 537210
Ion Ratio Lower Upper
122 100
107 115.5 92.8 139.2
121 57.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.812 ng
RT: 9.557 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 93 Resp: 807796
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.8
123 11.4 9.0 13.4



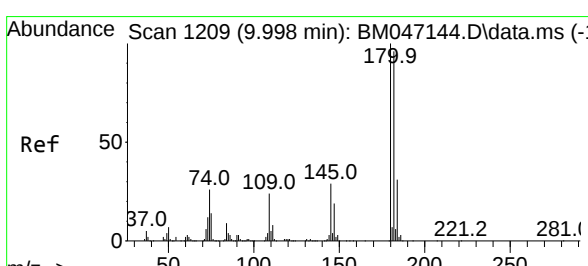
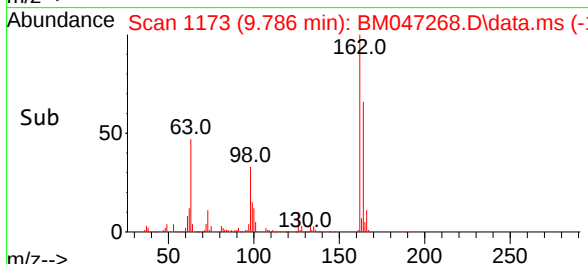
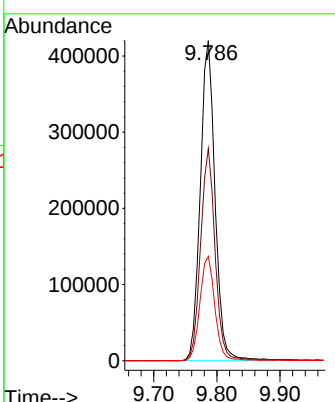
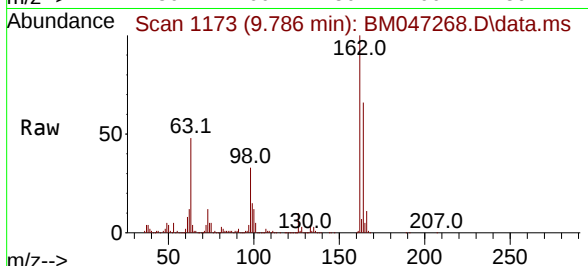


#29
 2,4-Dichlorophenol
 Concen: 53.675 ng
 RT: 9.786 min Scan# 1173
 Delta R.T. -0.012 min
 Lab File: BM047268.D
 Acq: 20 Aug 2024 12:47

Instrument : BNA_M
 ClientSampleId : 932-K1-SD-0-0.5-081524MSD

Tgt Ion:162 Resp: 684505

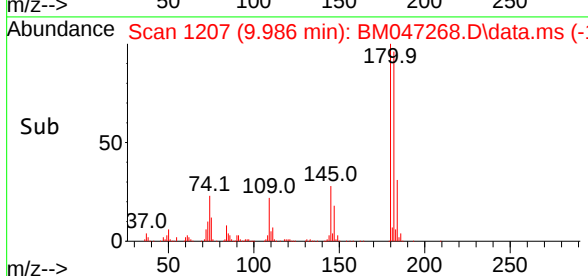
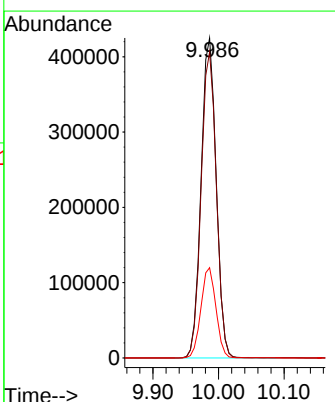
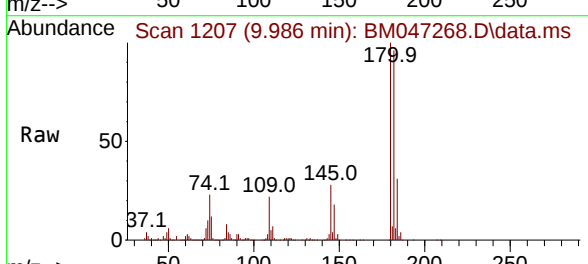
Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.7	84.7
98	32.6	14.9	54.9

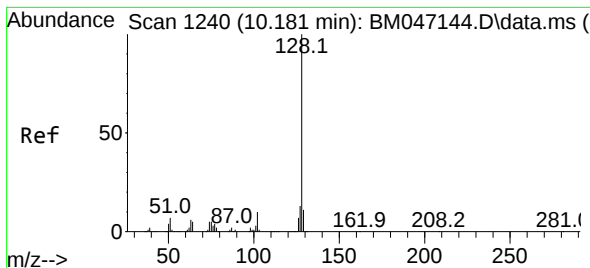


#30
 1,2,4-Trichlorobenzene
 Concen: 47.285 ng
 RT: 9.986 min Scan# 1207
 Delta R.T. -0.012 min
 Lab File: BM047268.D
 Acq: 20 Aug 2024 12:47

Tgt Ion:180 Resp: 682425

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.6	115.0
145	28.2	23.4	35.2

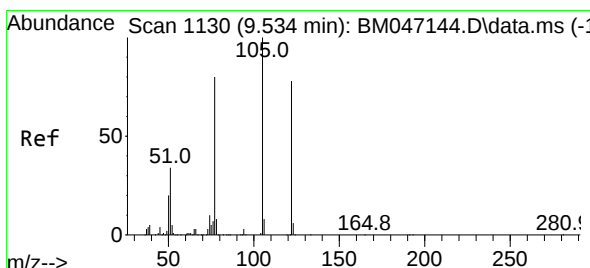
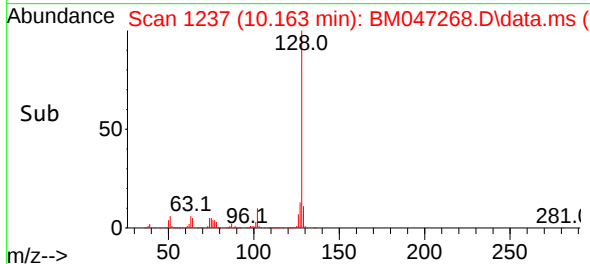
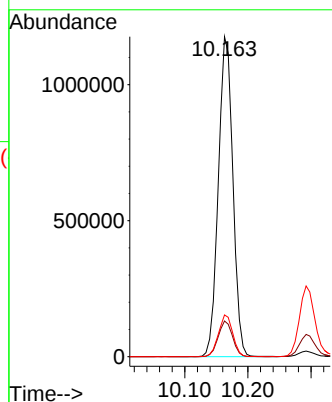
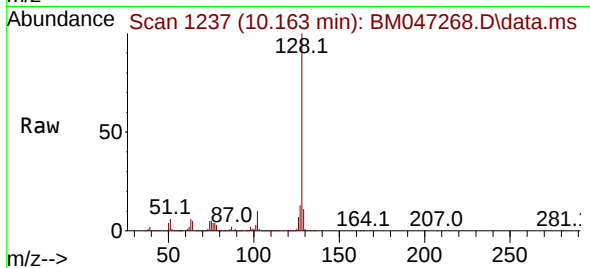




#31
Naphthalene
Concen: 45.668 ng
RT: 10.163 min Scan# 1127
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

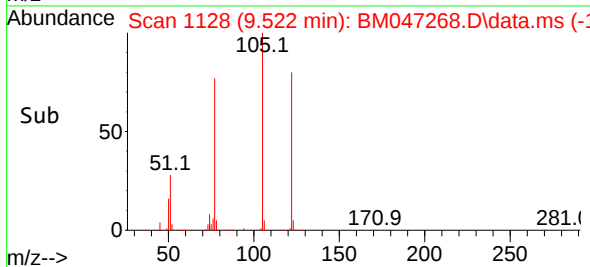
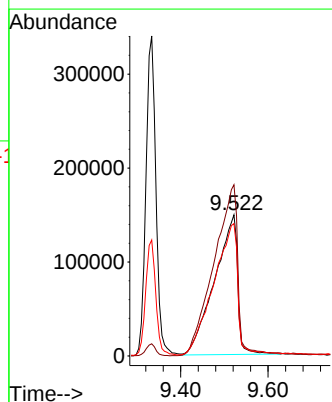
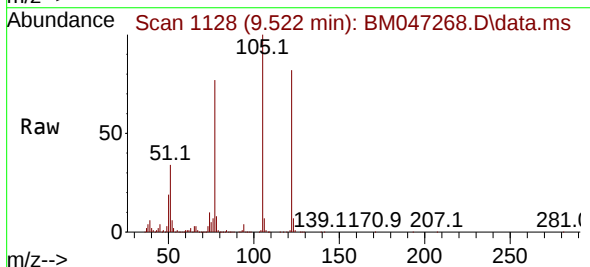
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

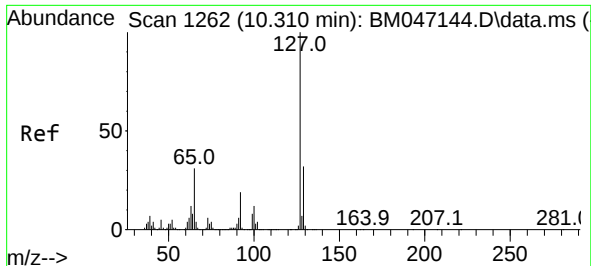
Tgt Ion:128 Resp: 1884834
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 54.302 ng
RT: 9.522 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:122 Resp: 542239
Ion Ratio Lower Upper
122 100
105 121.3 107.1 147.1
77 93.8 82.1 122.1

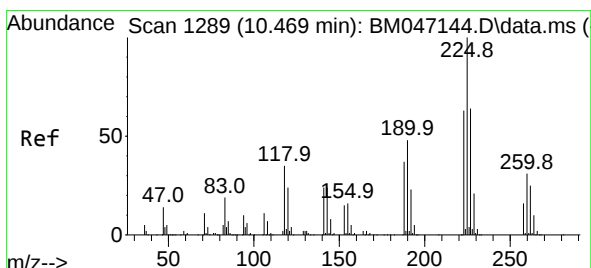
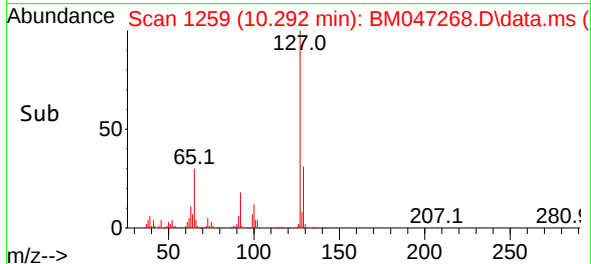
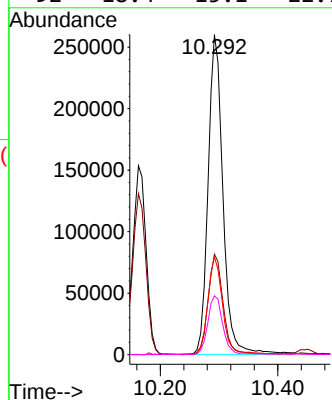
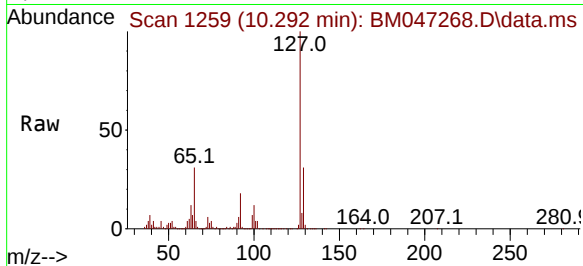




#33
4-Chloroaniline
Concen: 28.648 ng
RT: 10.292 min Scan# 1259
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

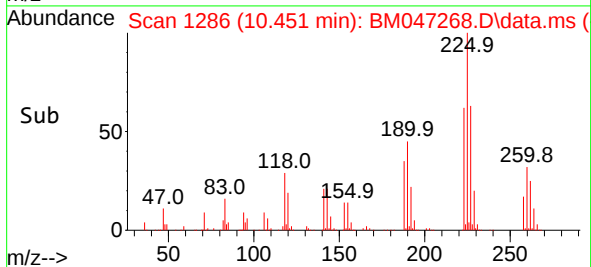
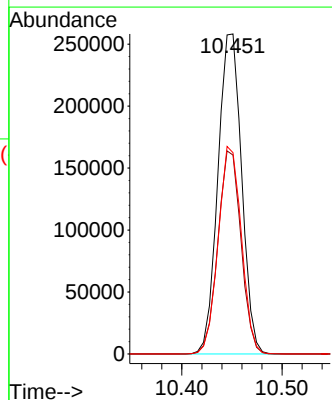
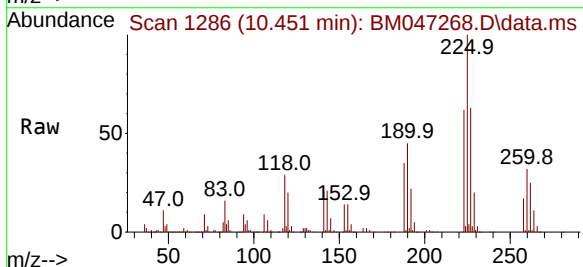
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

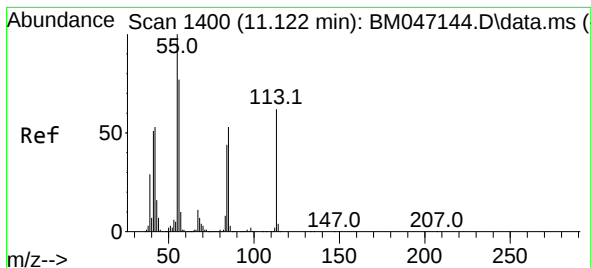
Tgt Ion:127	Resp:	454684	
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.8
65	30.5	24.9	37.3
92	18.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 50.112 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:225	Resp:	423307	
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	62.9	51.4	77.0

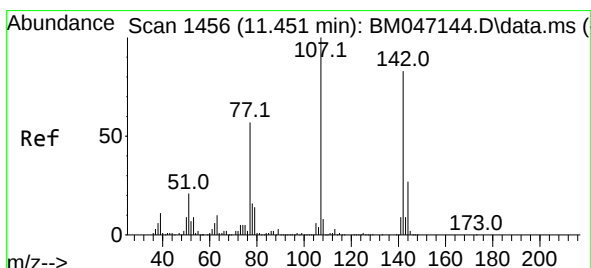
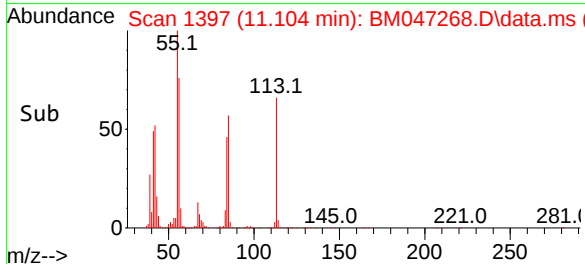
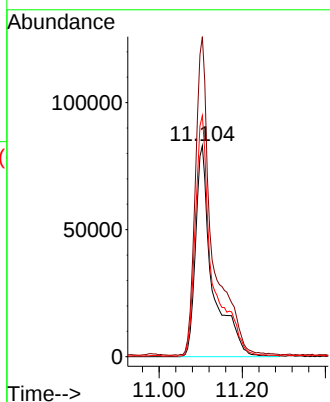
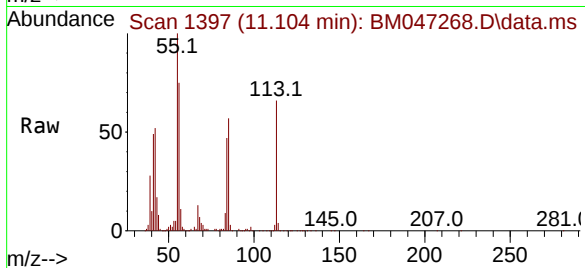




#35
Caprolactam
Concen: 53.272 ng
RT: 11.104 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

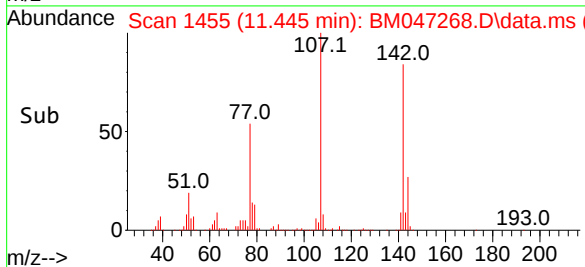
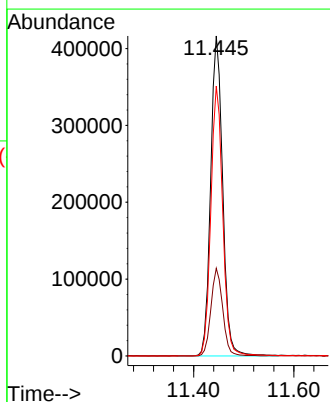
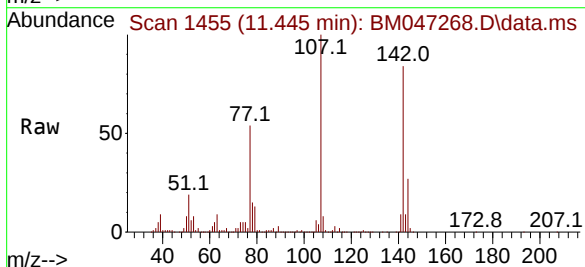
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

Tgt Ion:113 Resp: 235932
Ion Ratio Lower Upper
113 100
55 151.7 140.5 180.5
56 114.3 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 51.025 ng
RT: 11.445 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:107 Resp: 693009
Ion Ratio Lower Upper
107 100
144 27.4 21.8 32.6
142 84.4 66.8 100.2

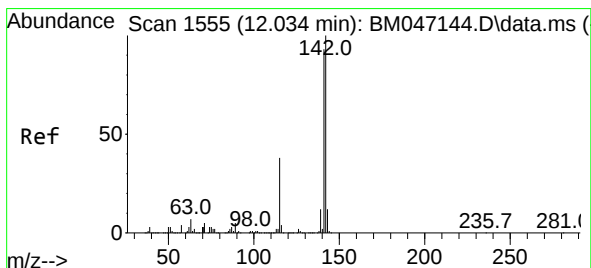
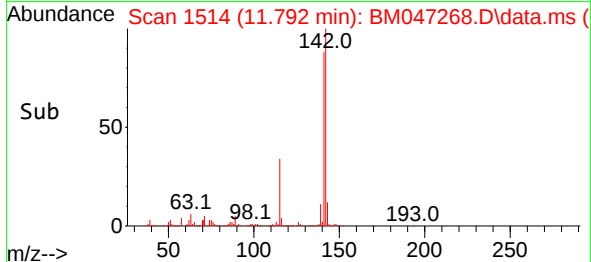
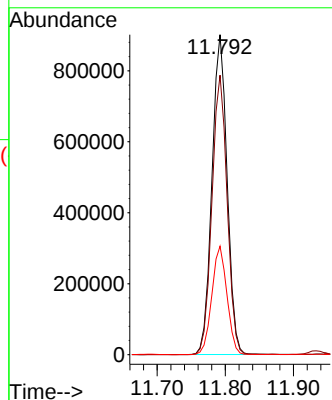
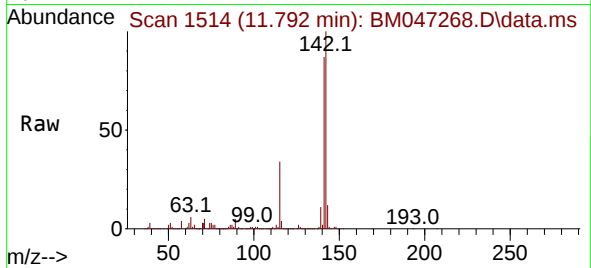




#37
2-Methylnaphthalene
Concen: 47.491 ng
RT: 11.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

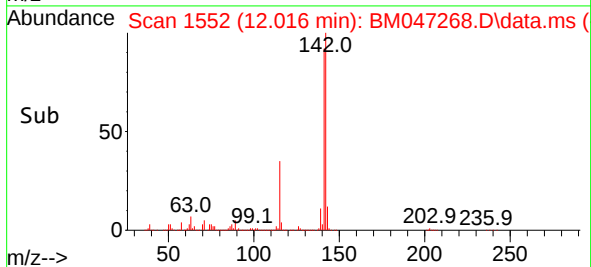
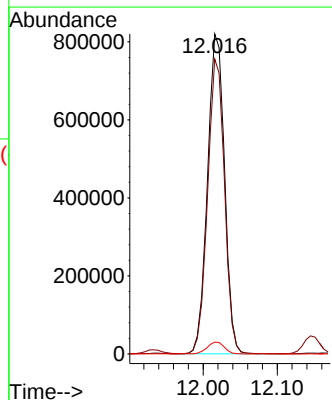
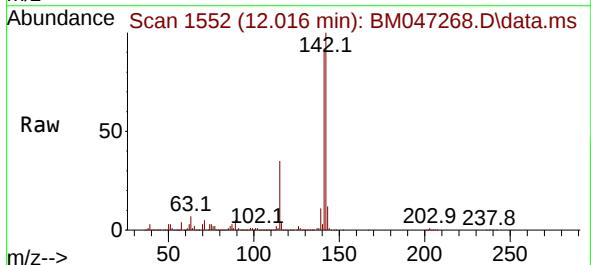
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

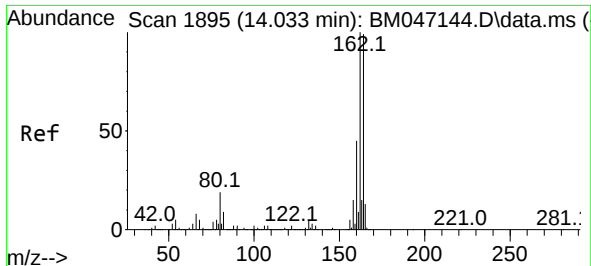
Tgt Ion:142 Resp: 1395582
Ion Ratio Lower Upper
142 100
141 87.3 70.9 106.3
115 33.9 28.7 43.1



#38
1-Methylnaphthalene
Concen: 45.109 ng
RT: 12.016 min Scan# 1552
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:142 Resp: 1310097
Ion Ratio Lower Upper
142 100
141 92.2 74.6 111.8
116 3.7 3.1 4.7

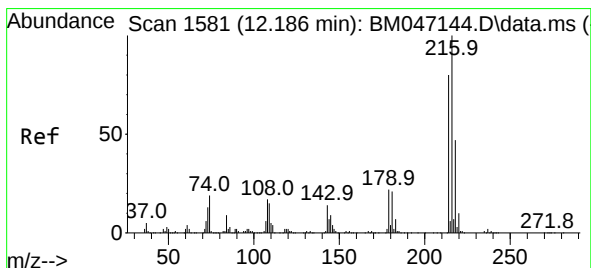
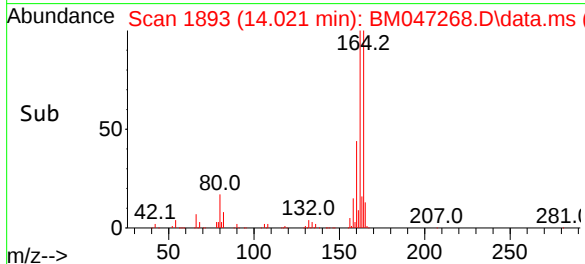
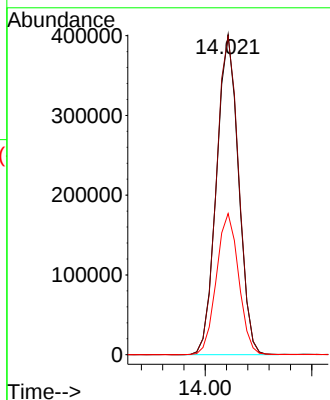
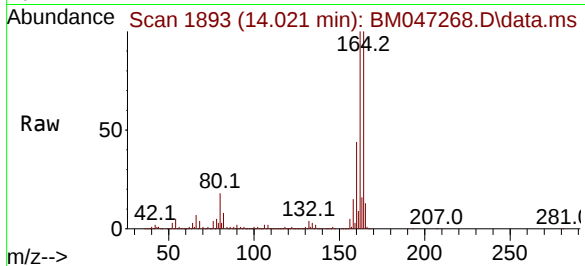




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

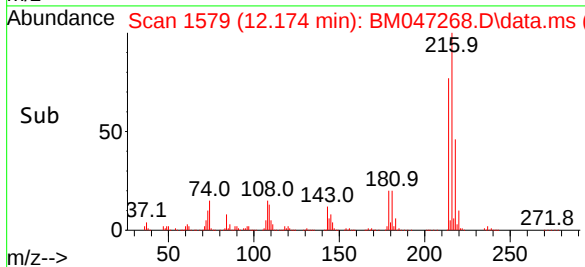
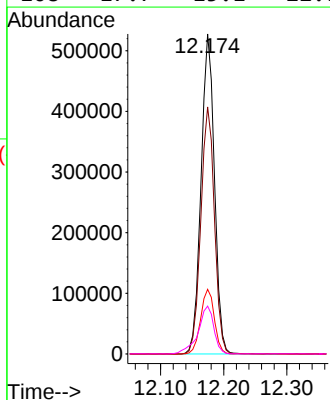
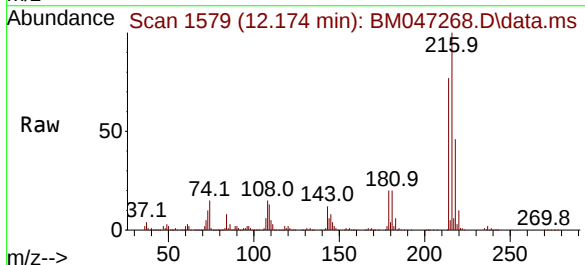
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

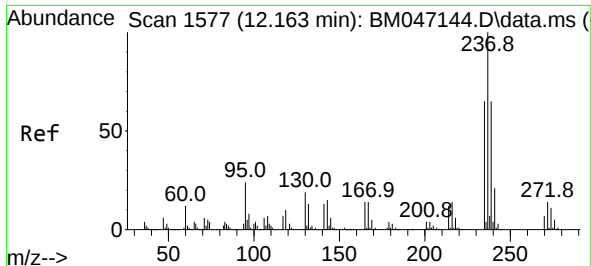
Tgt Ion:164 Resp: 574741
Ion Ratio Lower Upper
164 100
162 99.6 80.7 121.1
160 44.1 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.579 ng
RT: 12.174 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

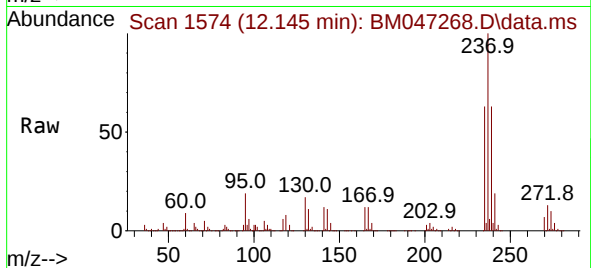
Tgt Ion:216 Resp: 777218
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.2
179 20.7 17.6 26.4
108 17.7 15.1 22.7



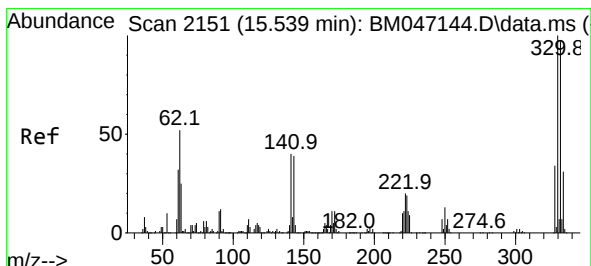
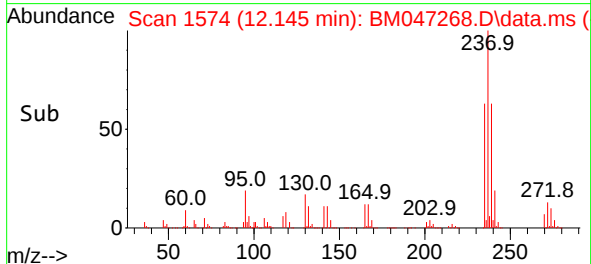
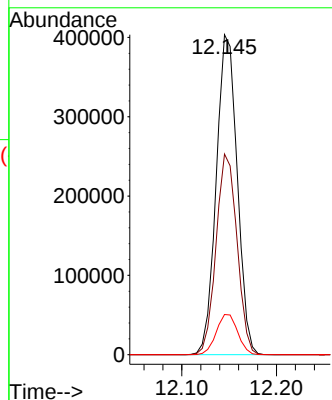


#41
Hexachlorocyclopentadiene
Concen: 113.406 ng
RT: 12.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

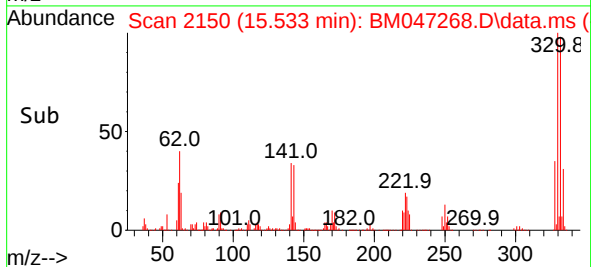
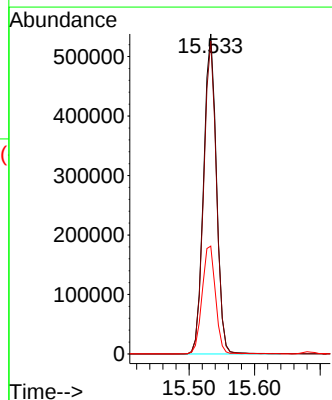
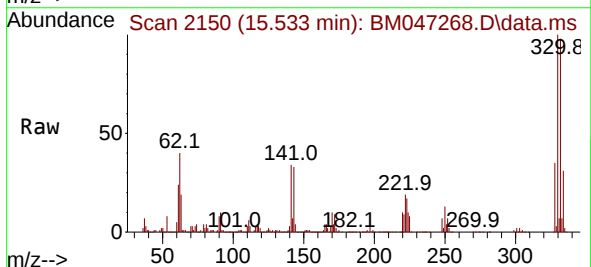


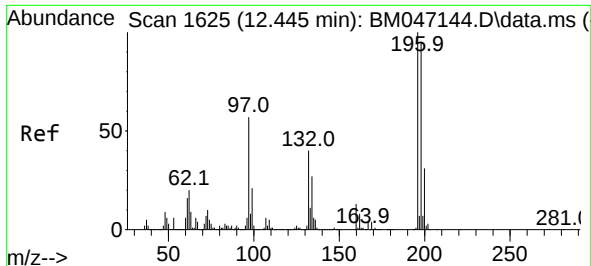
Tgt Ion:237 Resp: 620783
Ion Ratio Lower Upper
237 100
235 62.7 44.8 84.8
272 12.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 110.099 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:330 Resp: 733721
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 35.4 31.6 47.4

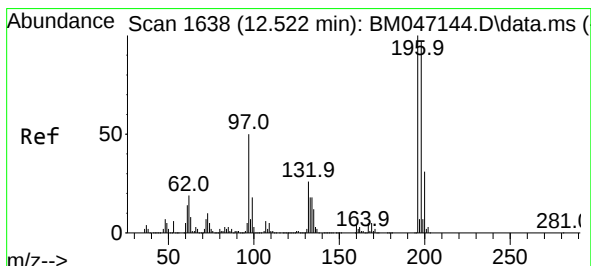
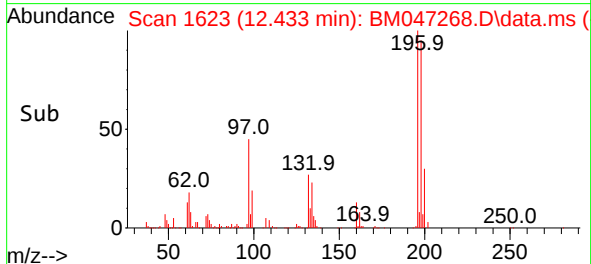
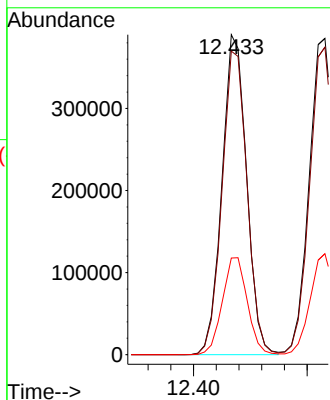
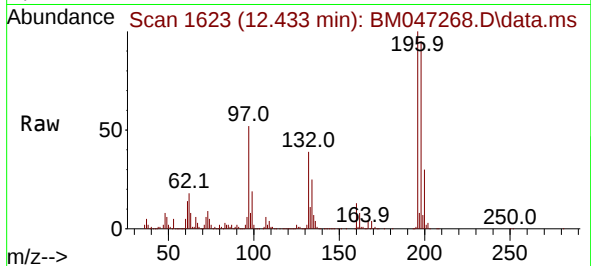




#43
2,4,6-Trichlorophenol
Concen: 52.665 ng
RT: 12.433 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

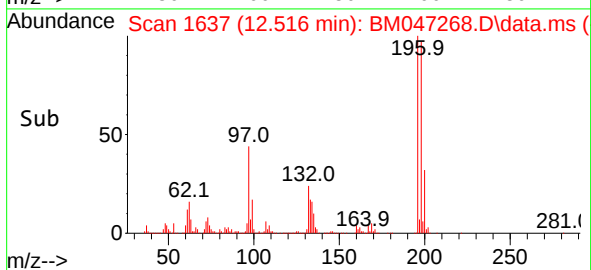
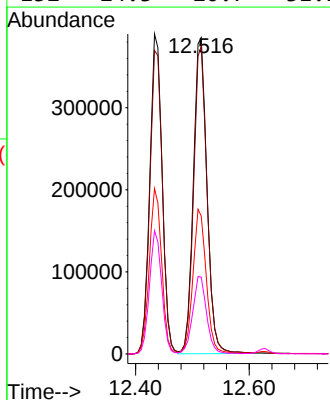
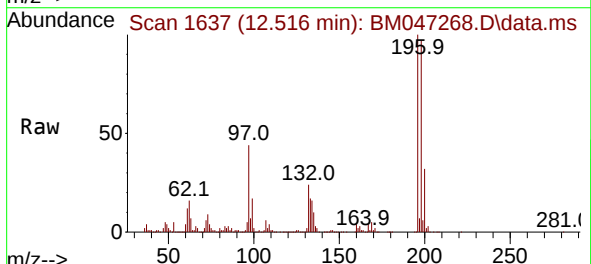
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

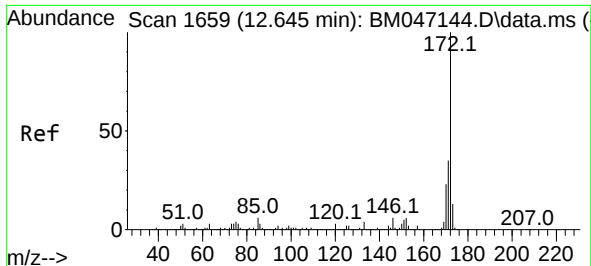
Tgt Ion:196 Resp: 586805
Ion Ratio Lower Upper
196 100
198 94.8 75.6 113.4
200 30.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 51.976 ng
RT: 12.516 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:196 Resp: 643010
Ion Ratio Lower Upper
196 100
198 97.2 77.7 116.5
97 43.6 39.8 59.8
132 24.3 20.7 31.1

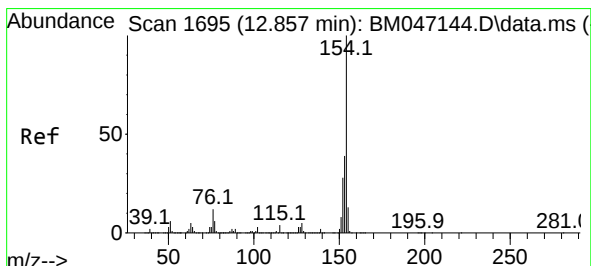
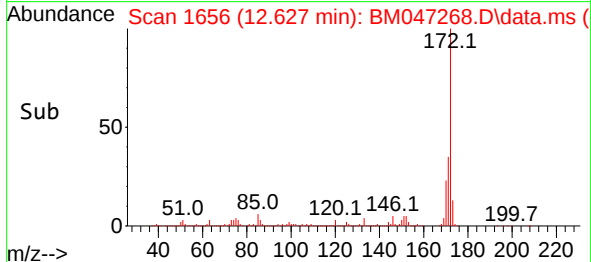
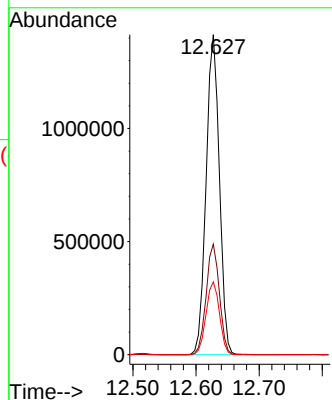
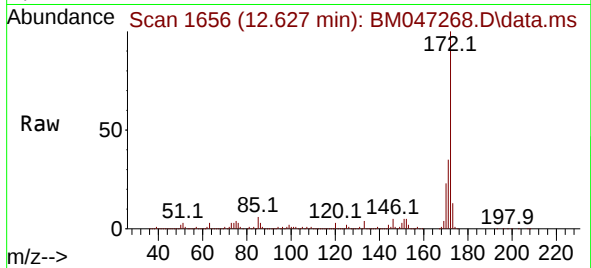




#45
2-Fluorobiphenyl
Concen: 55.255 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

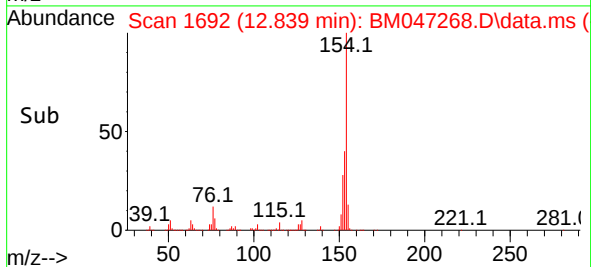
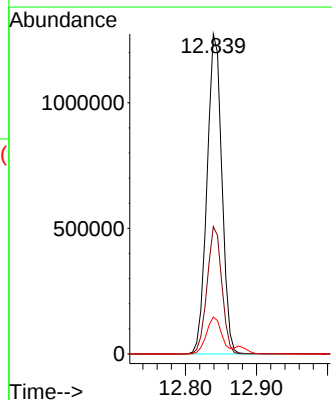
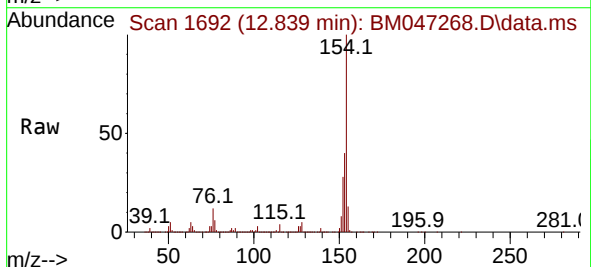
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

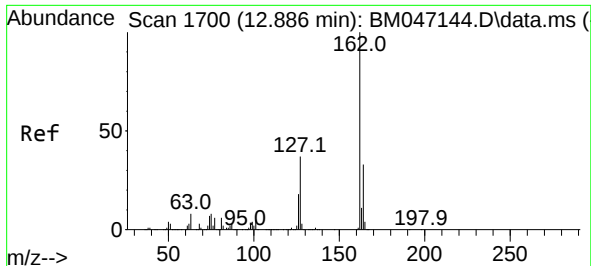
Tgt Ion:172 Resp: 2058767
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.8 18.7 28.1



#46
1,1'-Biphenyl
Concen: 45.315 ng
RT: 12.839 min Scan# 1692
Delta R.T. -0.018 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:154 Resp: 1854149
Ion Ratio Lower Upper
154 100
153 39.8 19.0 59.0
76 11.6 0.0 31.9





#47

2-Chloronaphthalene

Concen: 45.312 ng

RT: 12.874 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

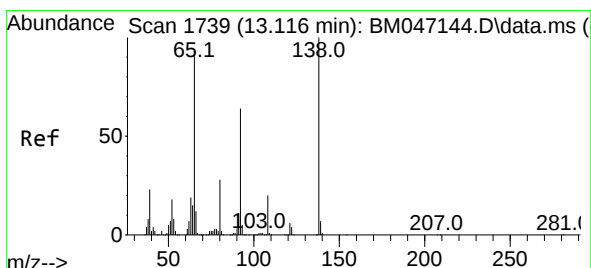
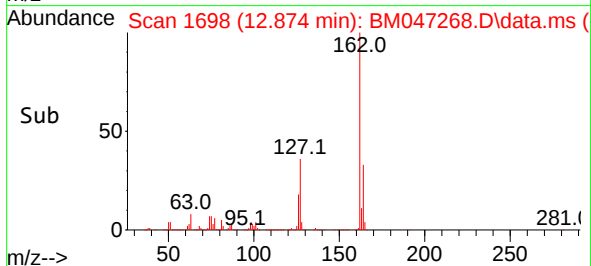
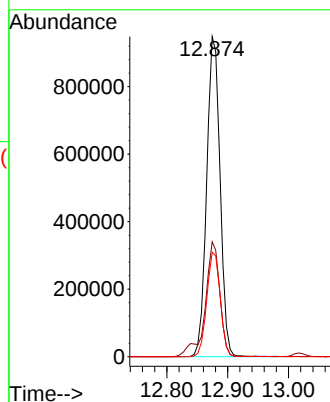
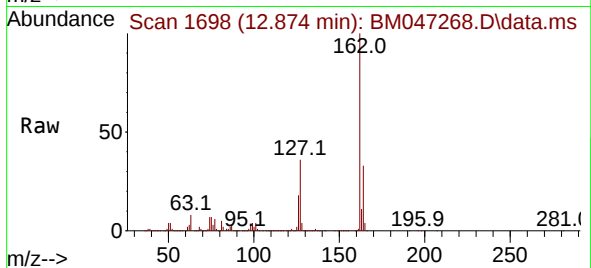
Tgt Ion:162 Resp: 1449116

Ion Ratio Lower Upper

162 100

127 35.9 30.0 45.0

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 46.488 ng

RT: 13.104 min Scan# 1737

Delta R.T. -0.012 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

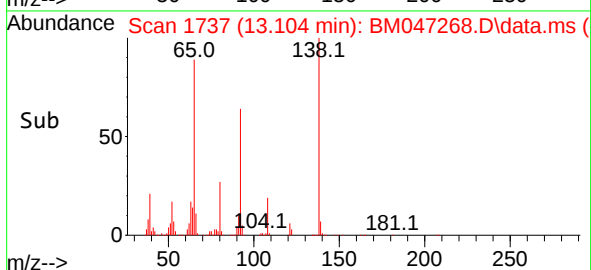
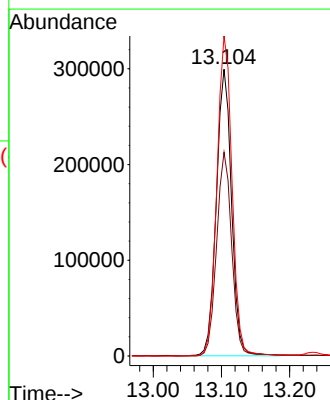
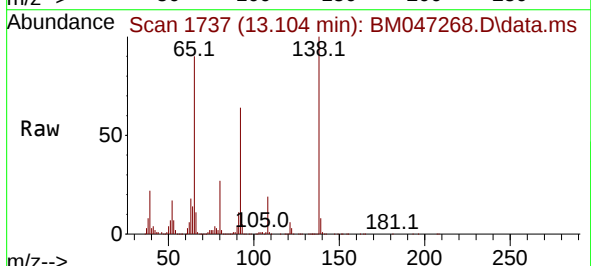
Tgt Ion: 65 Resp: 465762

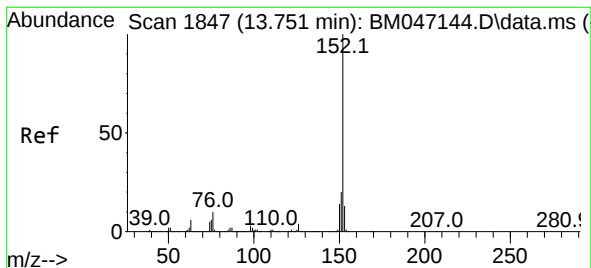
Ion Ratio Lower Upper

65 100

92 71.0 55.1 82.7

138 111.6 85.9 128.9





#49

Acenaphthylene

Concen: 49.626 ng

RT: 13.739 min Scan# 1845

Delta R.T. -0.012 min

Lab File: BM047268.D

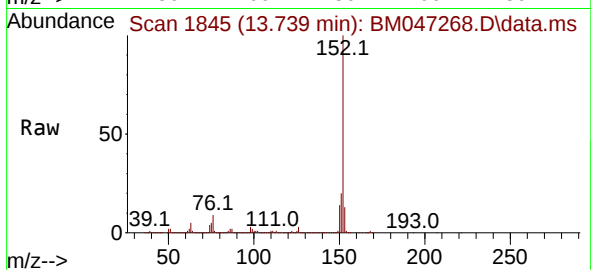
Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD



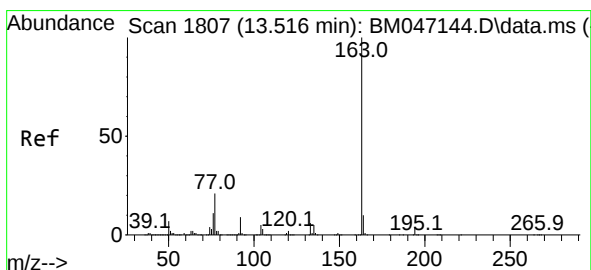
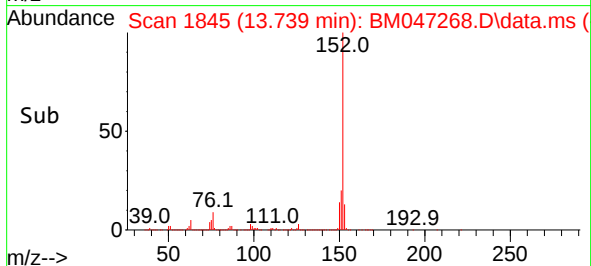
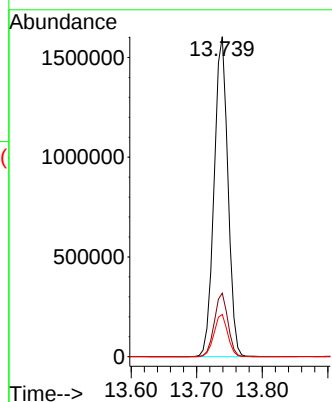
Tgt Ion:152 Resp: 2339405

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 47.626 ng

RT: 13.504 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

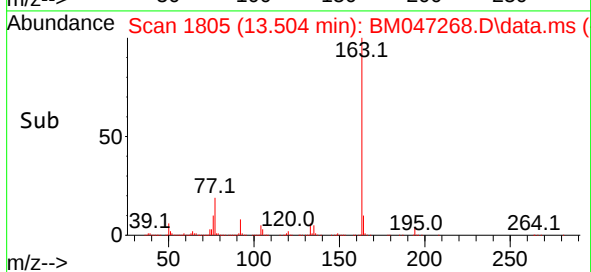
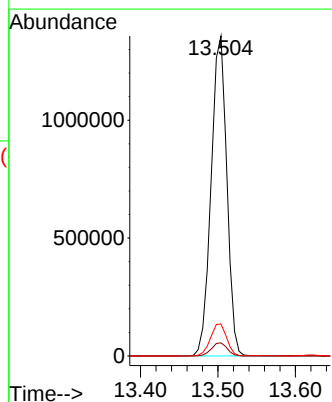
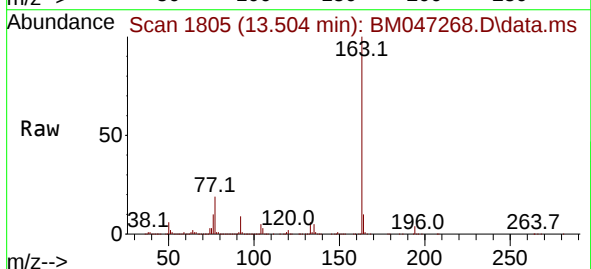
Tgt Ion:163 Resp: 1911711

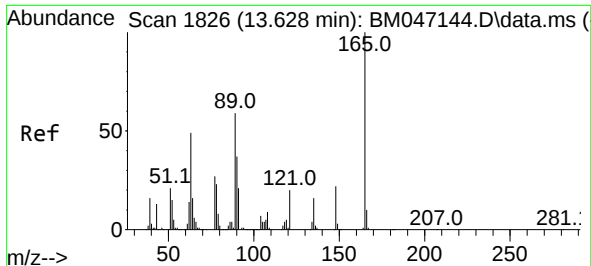
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.0 8.0 12.0

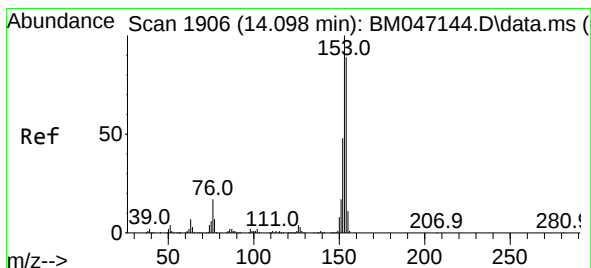
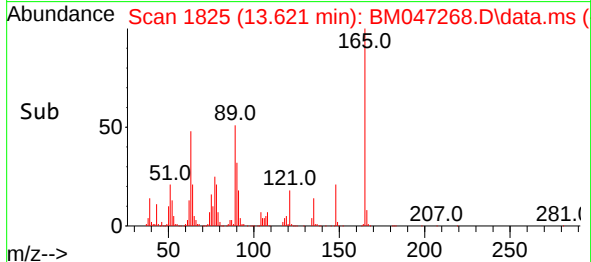
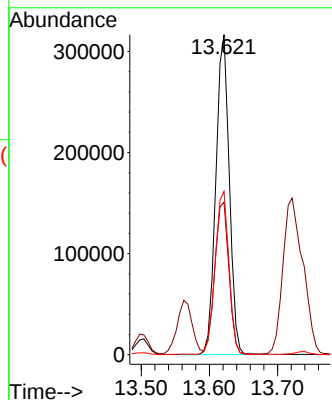
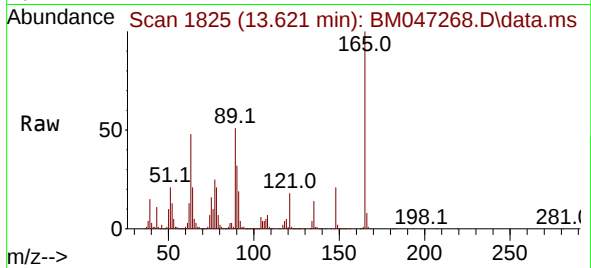




#51
2,6-Dinitrotoluene
Concen: 46.322 ng
RT: 13.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

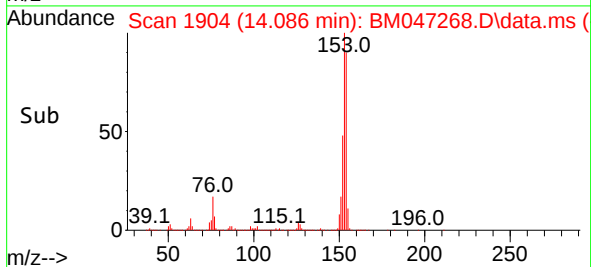
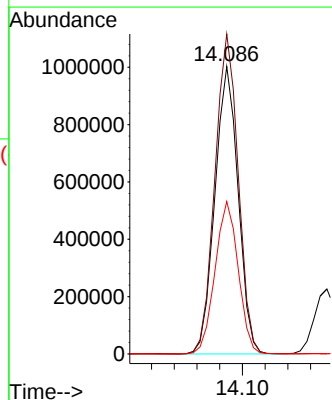
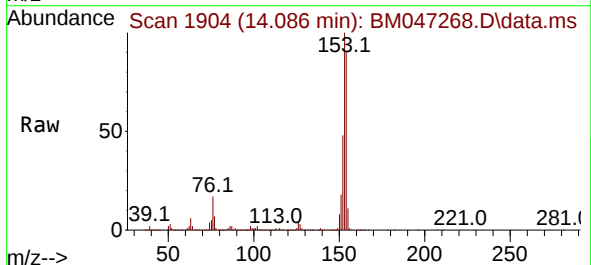
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

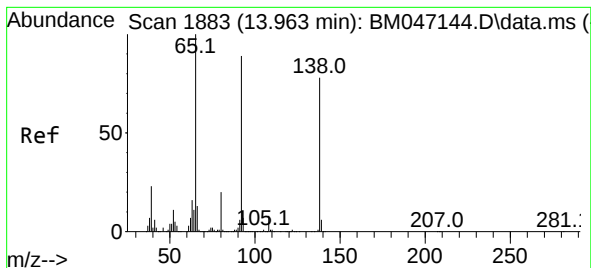
Tgt Ion:165 Resp: 434653
Ion Ratio Lower Upper
165 100
63 47.6 46.5 69.7
89 51.0 47.3 70.9



#52
Acenaphthene
Concen: 47.654 ng
RT: 14.086 min Scan# 1904
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:154 Resp: 1424979
Ion Ratio Lower Upper
154 100
153 111.3 90.3 135.5
152 53.1 42.9 64.3

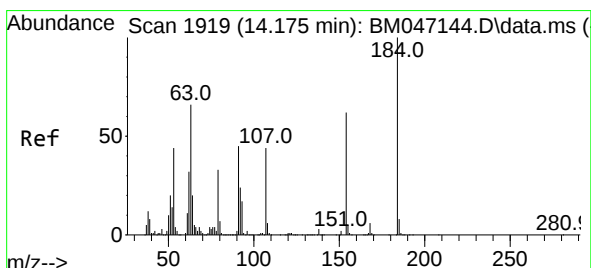
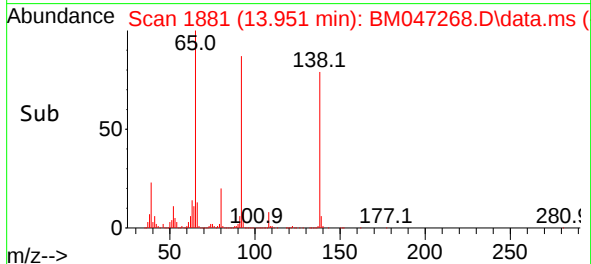
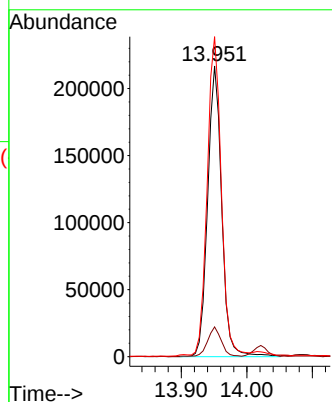
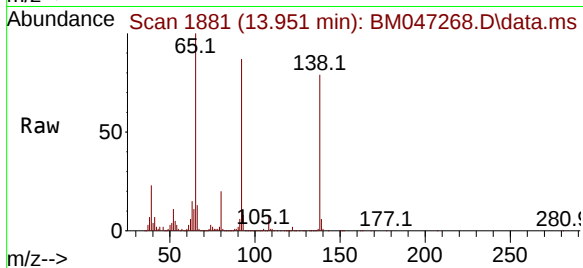




#53
3-Nitroaniline
Concen: 34.509 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

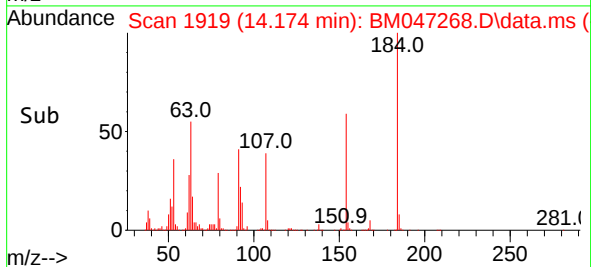
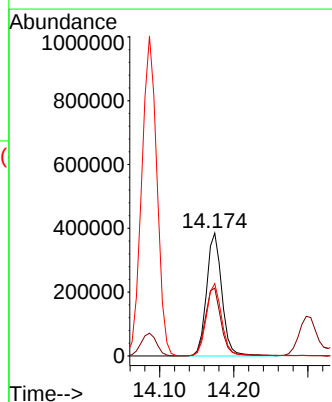
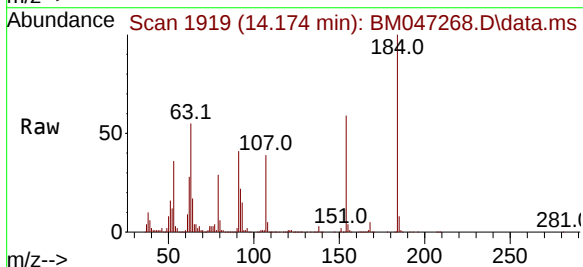
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

Tgt Ion:138 Resp: 324471
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 110.1 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 98.382 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:184 Resp: 553291
Ion Ratio Lower Upper
184 100
63 55.2 52.7 79.1
154 58.9 50.4 75.6

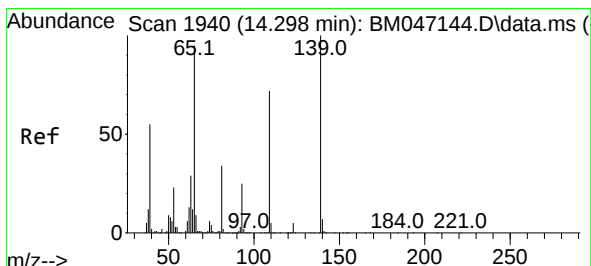
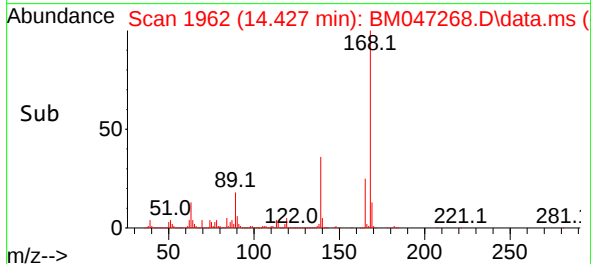
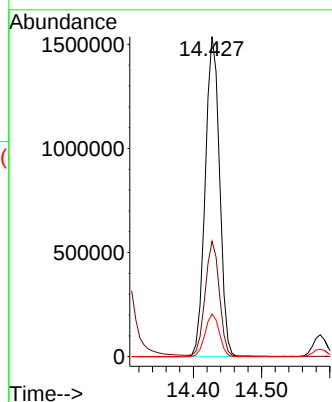
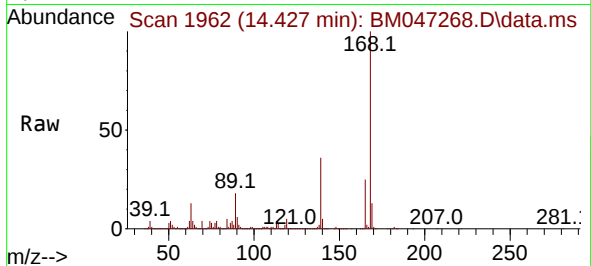




#55
Dibenzenofuran
Concen: 47.594 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

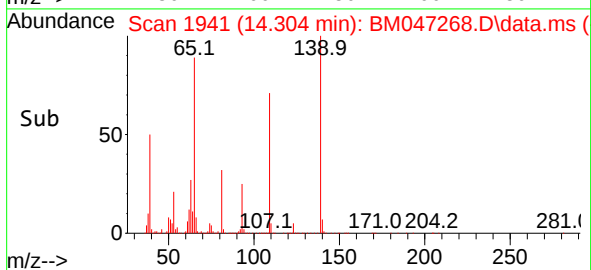
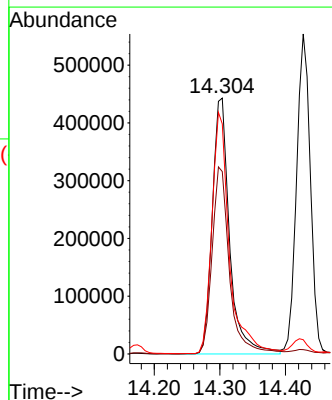
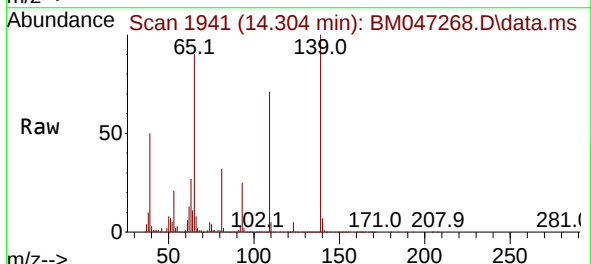
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

Tgt Ion:168 Resp: 2247978
Ion Ratio Lower Upper
168 100
139 36.0 29.6 44.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 100.120 ng
RT: 14.304 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

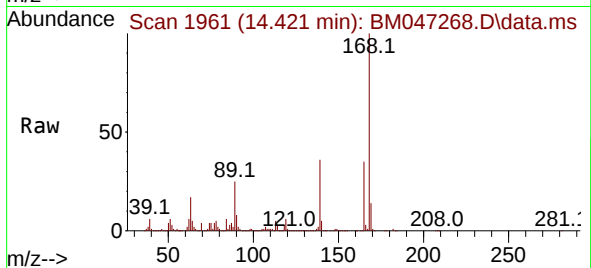
Tgt Ion:139 Resp: 811759
Ion Ratio Lower Upper
139 100
109 71.3 52.5 92.5
65 89.9 75.4 115.4



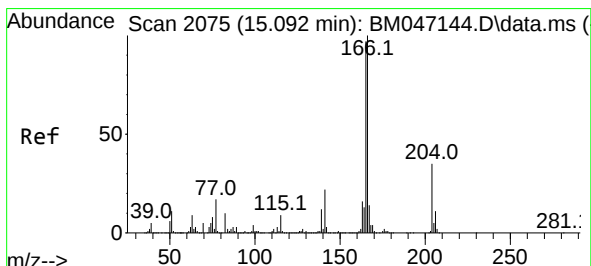
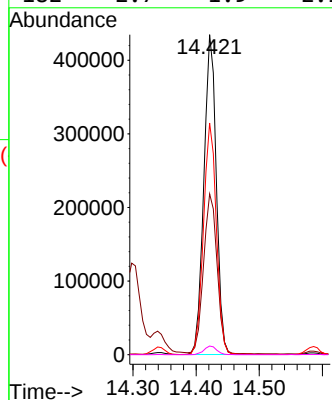
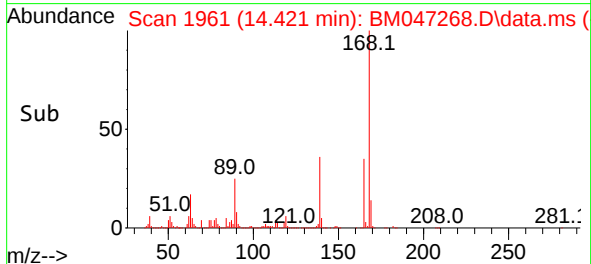


#57
2,4-Dinitrotoluene
Concen: 47.519 ng
RT: 14.421 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

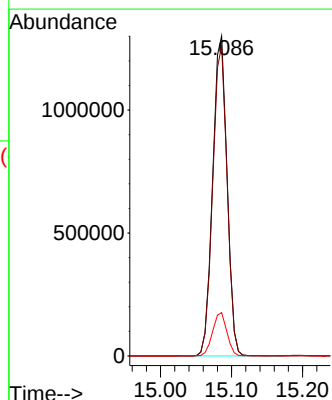
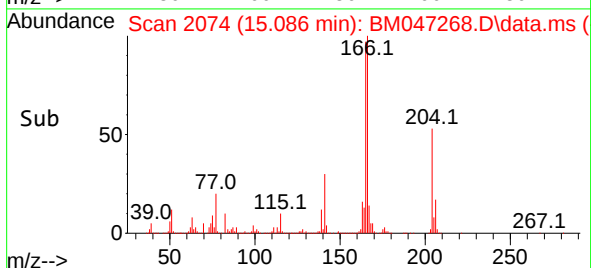
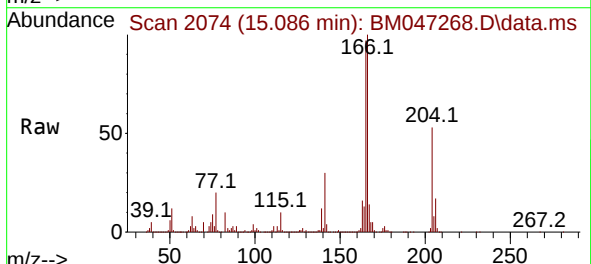


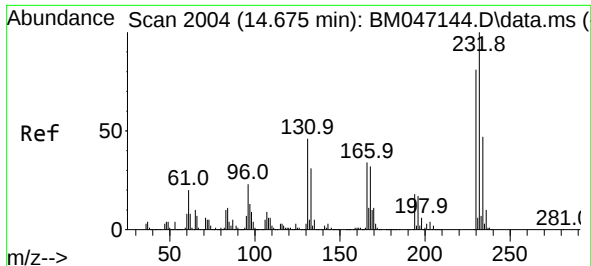
Tgt Ion:	165	Resp:	595147
Ion	Ratio	Lower	Upper
165	100		
63	50.3	40.3	60.5
89	72.4	61.0	91.6
182	2.7	1.9	2.9



#58
Fluorene
Concen: 46.955 ng
RT: 15.086 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:	166	Resp:	1829945
Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.4	116.0
167	13.5	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.627 ng

RT: 14.668 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM047268.D

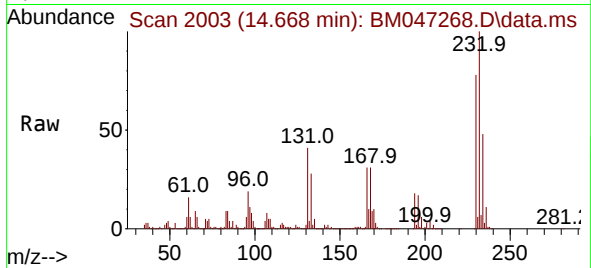
Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD



Tgt Ion:232 Resp: 565582

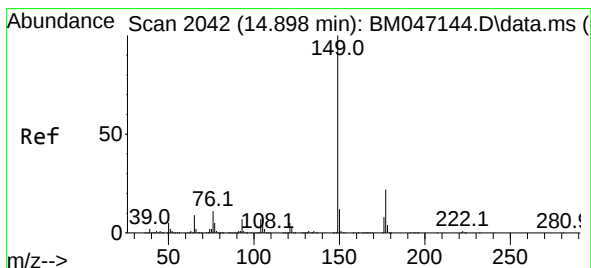
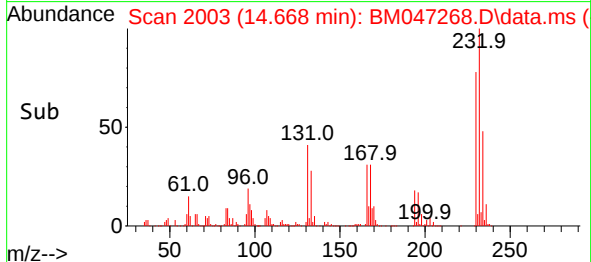
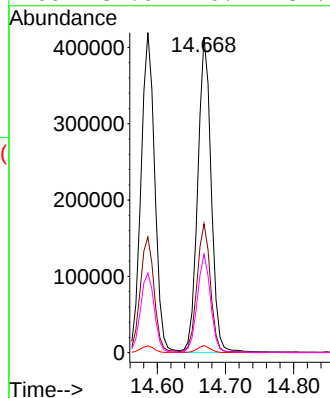
Ion Ratio Lower Upper

232 100

131 40.9 36.9 55.3

130 2.1 2.0 3.0

166 31.0 26.4 39.6



#60

Diethylphthalate

Concen: 46.201 ng

RT: 14.886 min Scan# 2040

Delta R.T. -0.012 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

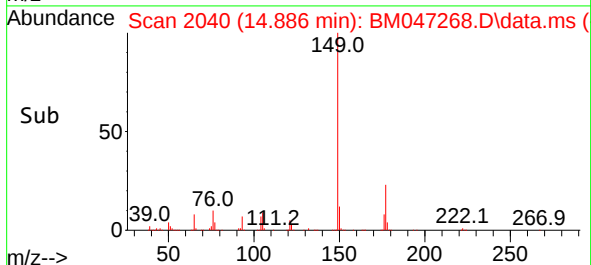
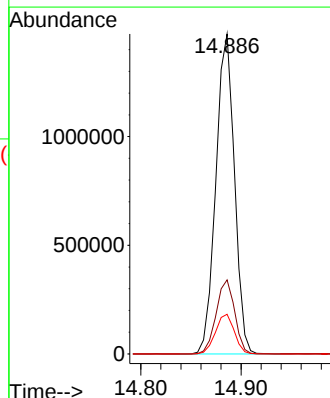
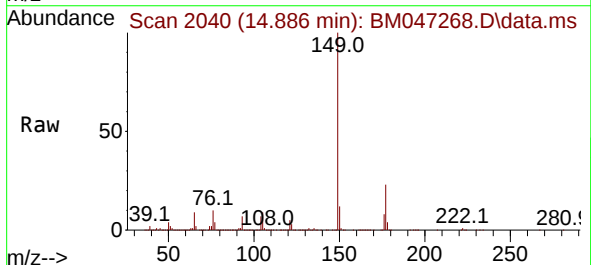
Tgt Ion:149 Resp: 1893795

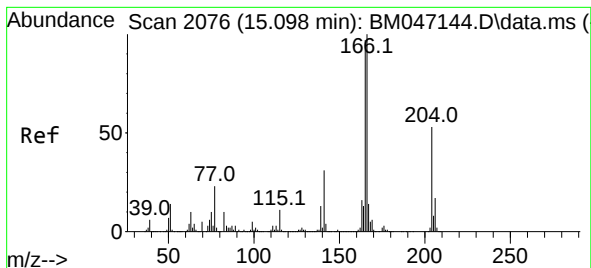
Ion Ratio Lower Upper

149 100

177 23.2 17.6 26.4

150 12.4 9.8 14.6

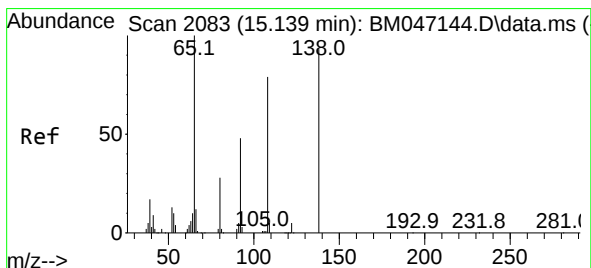
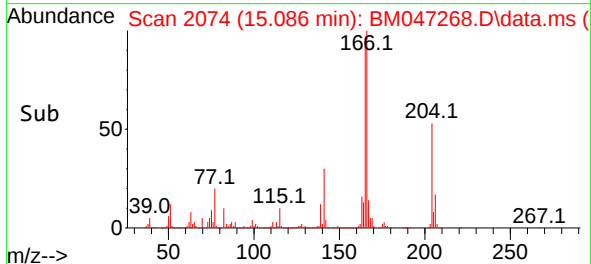
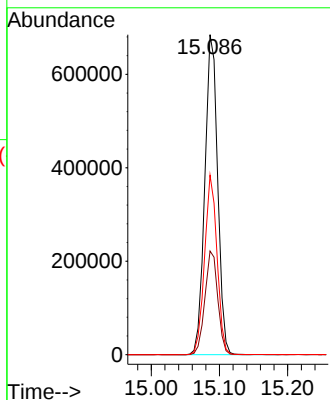
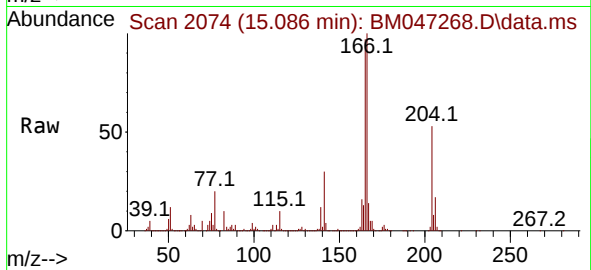




#61
4-Chlorophenyl-phenylether
Concen: 48.311 ng
RT: 15.086 min Scan# 2076
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

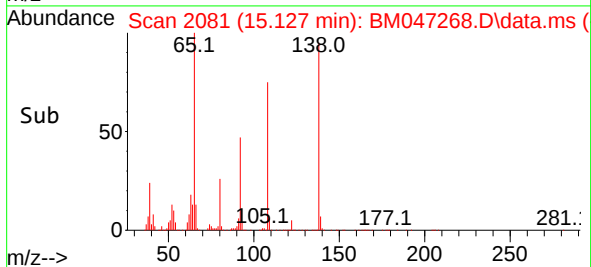
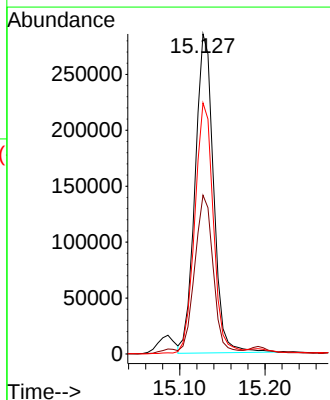
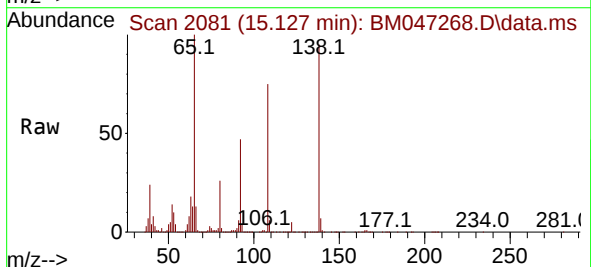
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

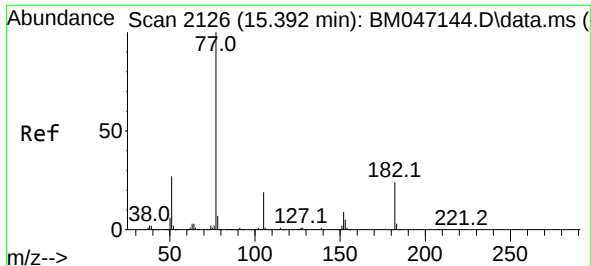
Tgt Ion:204 Resp: 896344
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 56.1 47.2 70.8



#62
4-Nitroaniline
Concen: 46.309 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:138 Resp: 428962
Ion Ratio Lower Upper
138 100
92 49.6 31.9 71.9
108 78.5 63.8 103.8



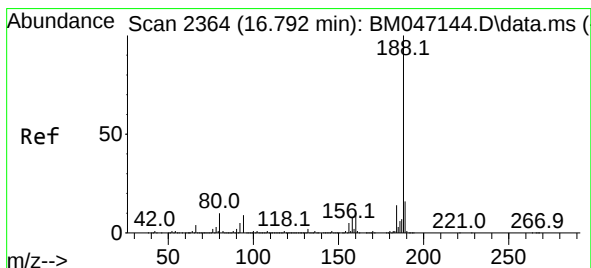
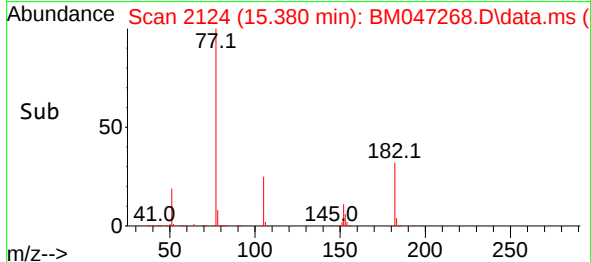
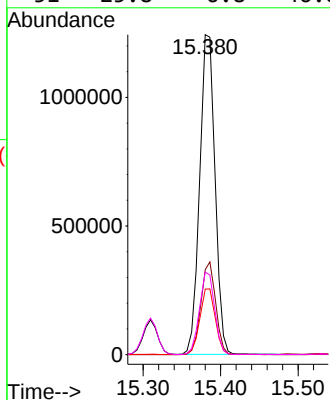
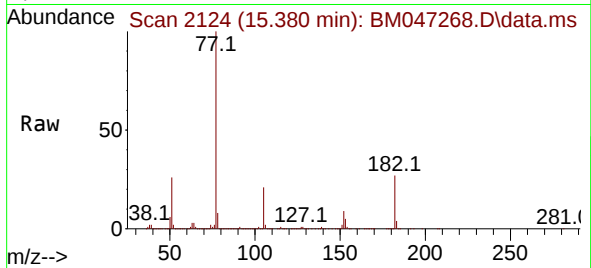


#63
Azobenzene
Concen: 44.089 ng
RT: 15.380 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

Tgt Ion: 77 Resp: 1713552

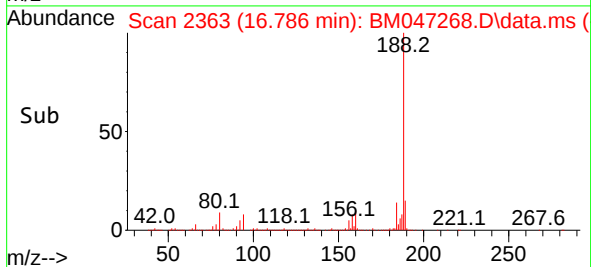
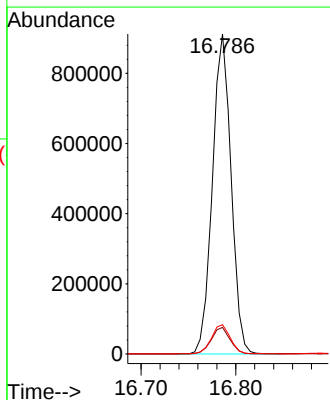
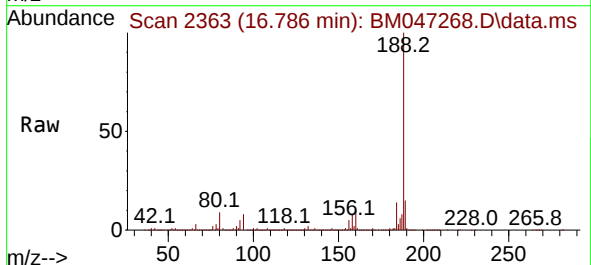
Ion	Ratio	Lower	Upper
77	100		
182	26.5	3.8	43.8
105	20.5	0.0	39.5
51	25.8	6.8	46.8

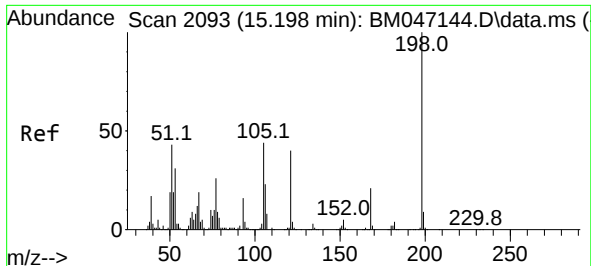


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion: 188 Resp: 1247023

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	9.1	8.0	12.0

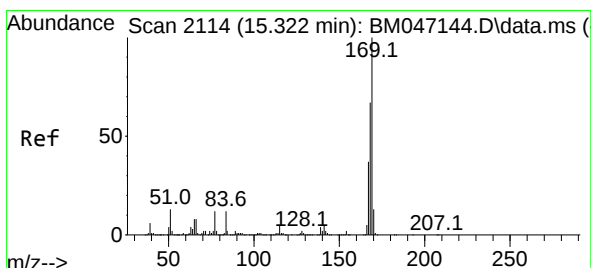
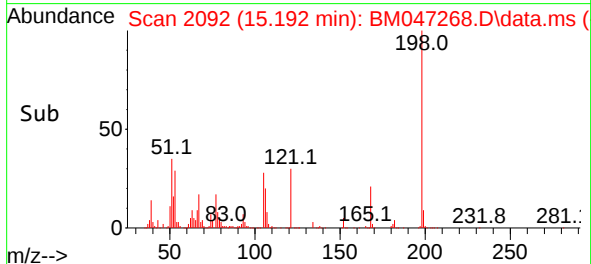
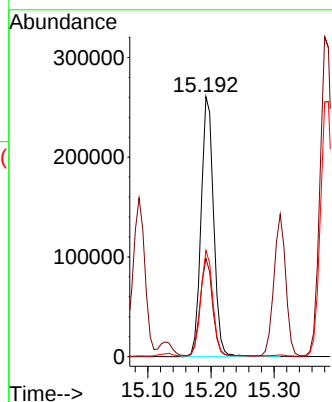
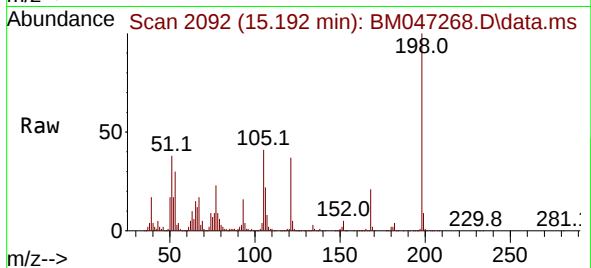




#65
4,6-Dinitro-2-methylphenol
Concen: 49.134 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

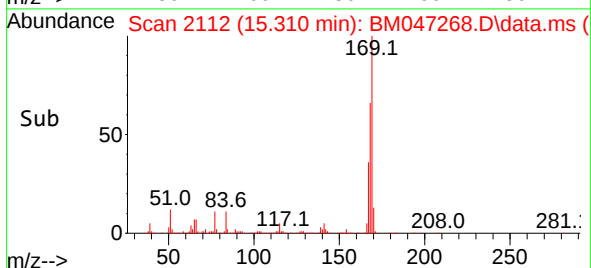
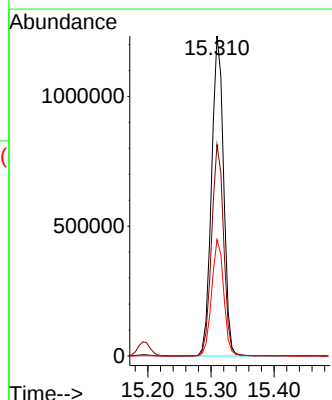
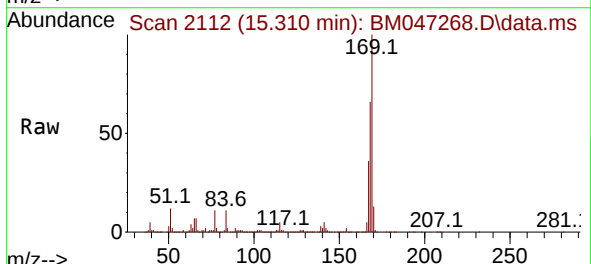
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

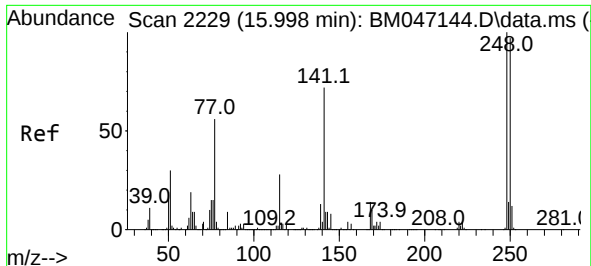
Tgt Ion:198 Resp: 358736
Ion Ratio Lower Upper
198 100
51 37.8 23.9 63.9
105 40.9 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 47.993 ng
RT: 15.310 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:169 Resp: 1630113
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 36.3 29.3 43.9

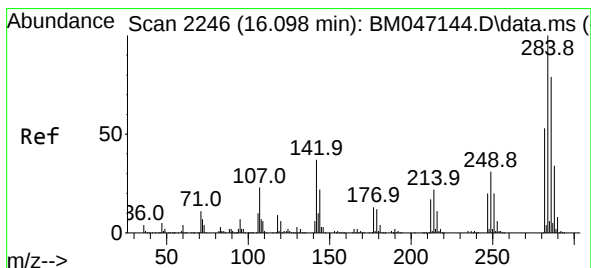
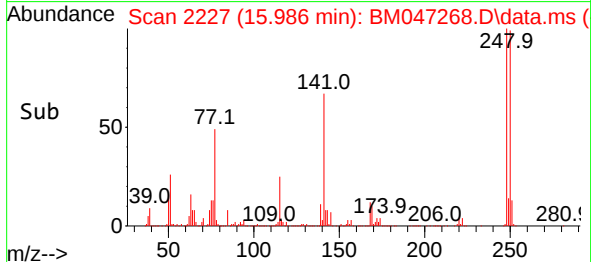
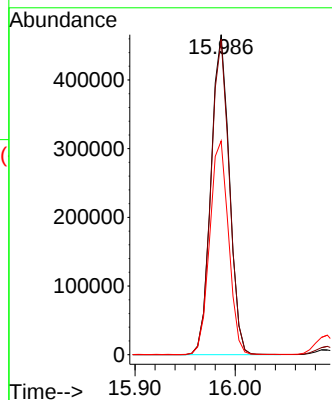
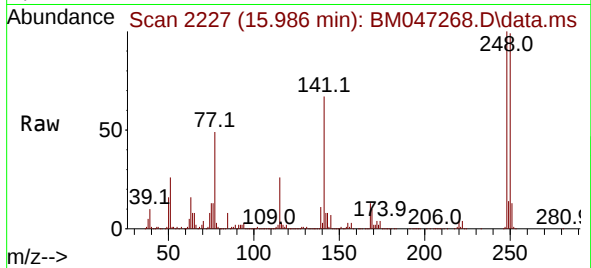




#67
4-Bromophenyl-phenylether
Concen: 49.291 ng
RT: 15.986 min Scan# 211
Delta R.T. -0.012 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

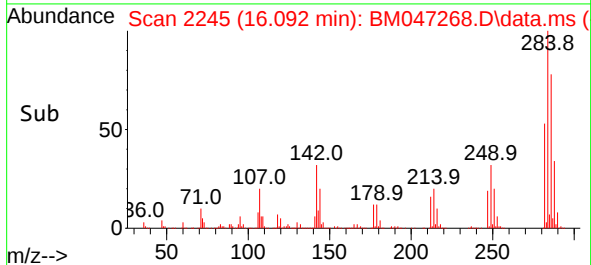
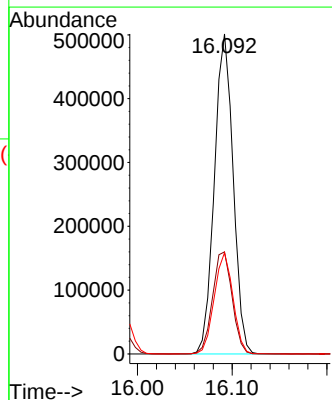
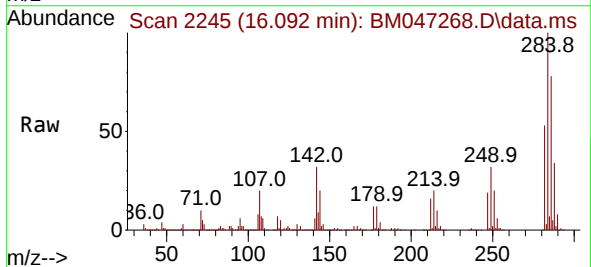
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

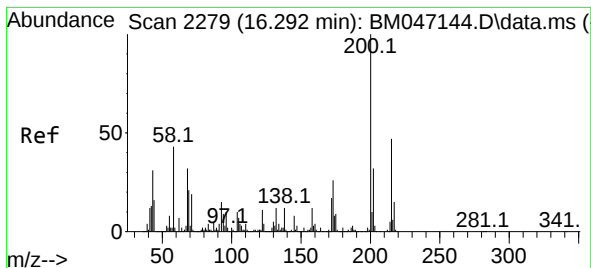
Tgt Ion:248 Resp: 592305
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.8
141 66.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 47.807 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:284 Resp: 688014
Ion Ratio Lower Upper
284 100
142 31.9 29.4 44.0
249 31.6 25.1 37.7





#69

Atrazine

Concen: 62.819 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

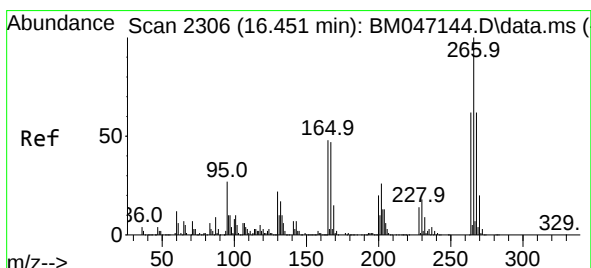
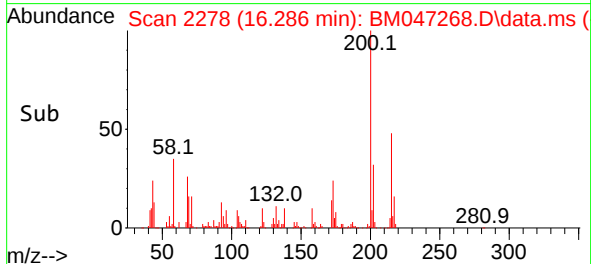
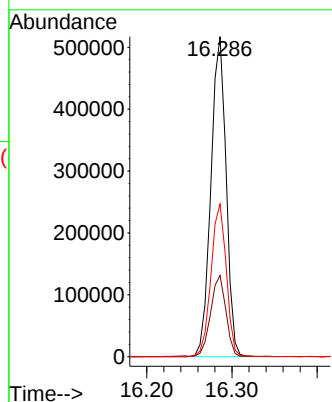
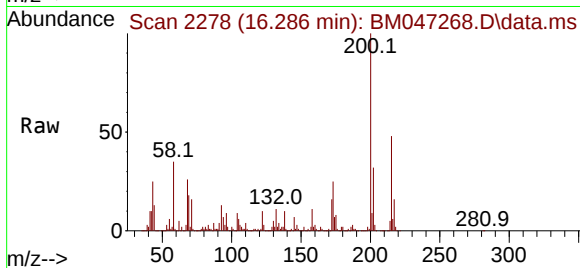
Tgt Ion:200 Resp: 642069

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

215 47.7 26.8 66.8



#70

Pentachlorophenol

Concen: 100.826 ng

RT: 16.445 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

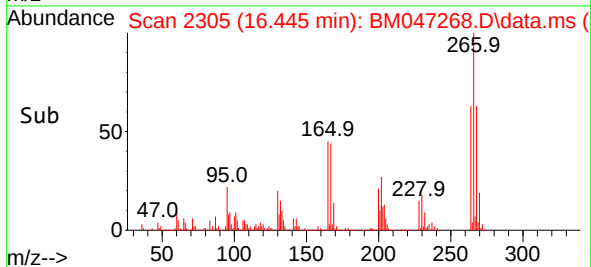
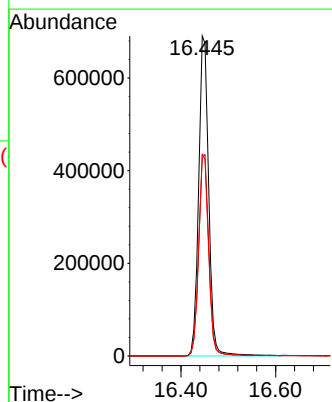
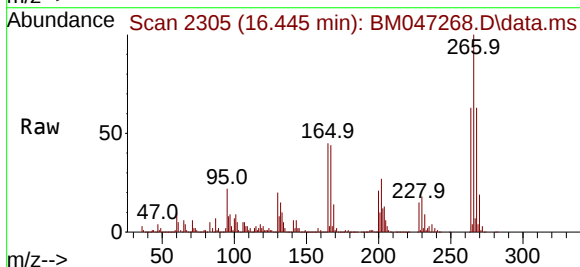
Tgt Ion:266 Resp: 1017163

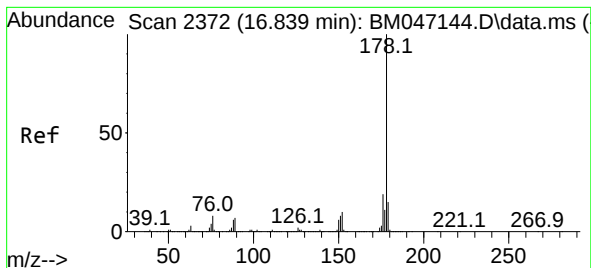
Ion Ratio Lower Upper

266 100

268 62.8 49.8 74.6

264 62.9 49.6 74.4





#71

Phenanthrene

Concen: 48.187 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

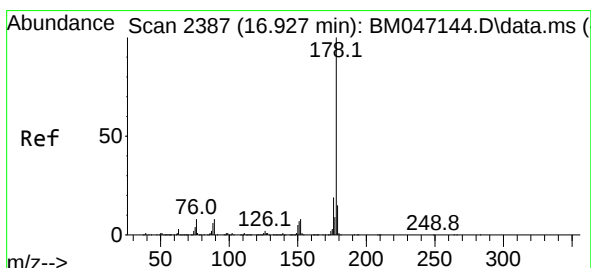
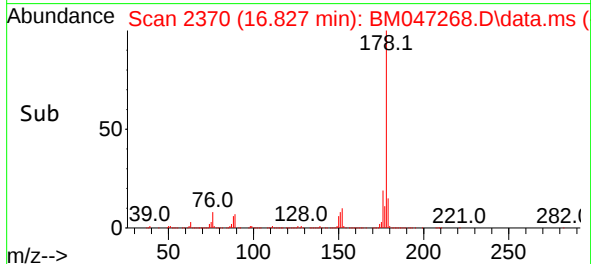
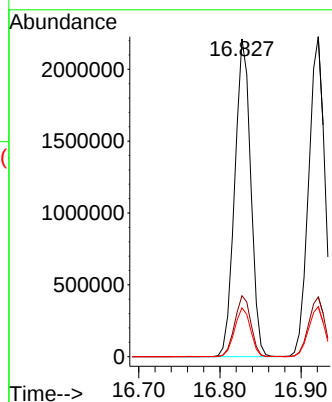
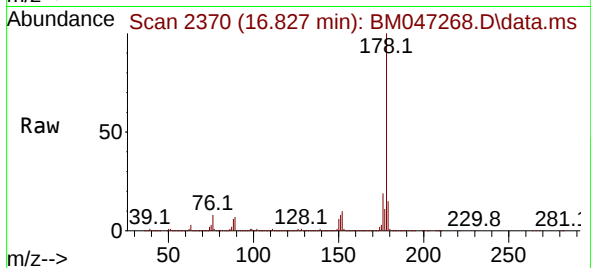
Tgt Ion:178 Resp: 3015675

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 50.894 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

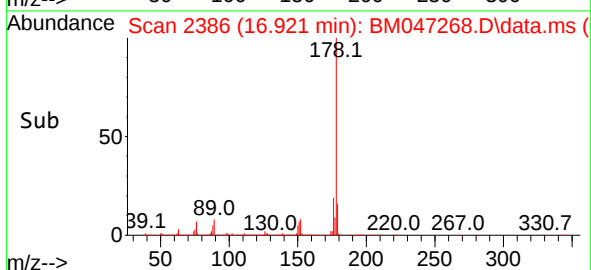
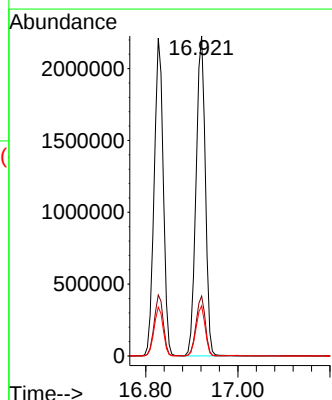
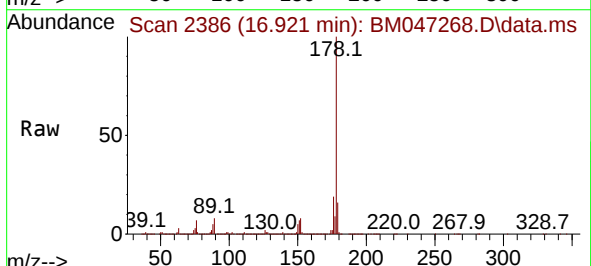
Tgt Ion:178 Resp: 3099134

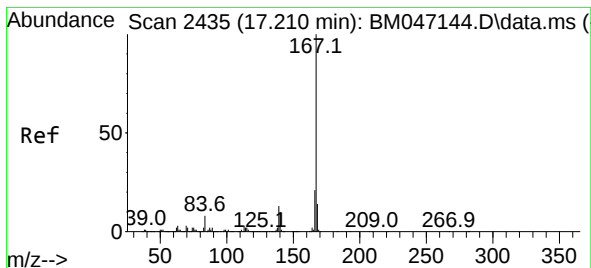
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.7 12.4 18.6





#73

Carbazole

Concen: 47.738 ng

RT: 17.204 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

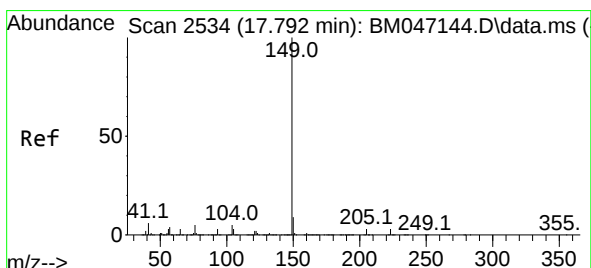
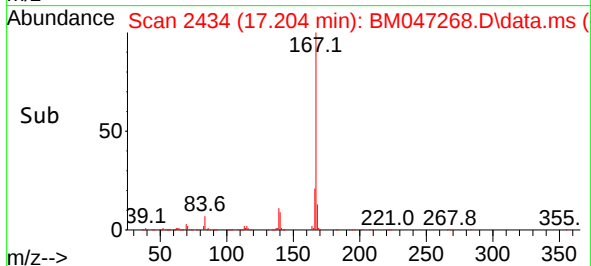
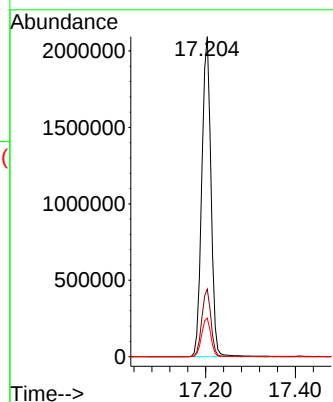
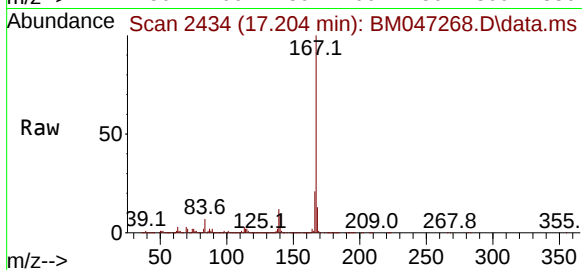
Tgt Ion:167 Resp: 2968106

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 12.0 10.0 15.0



#74

Di-n-butylphthalate

Concen: 47.549 ng

RT: 17.786 min Scan# 2533

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

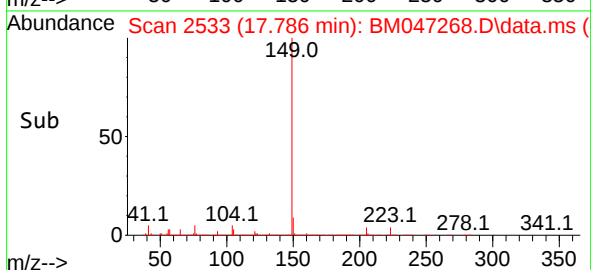
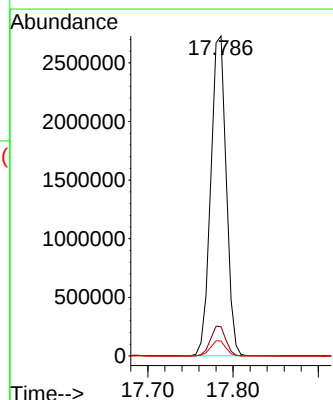
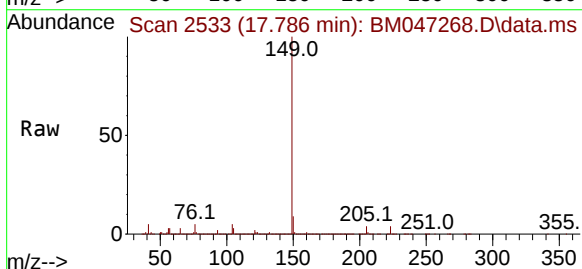
Tgt Ion:149 Resp: 3439944

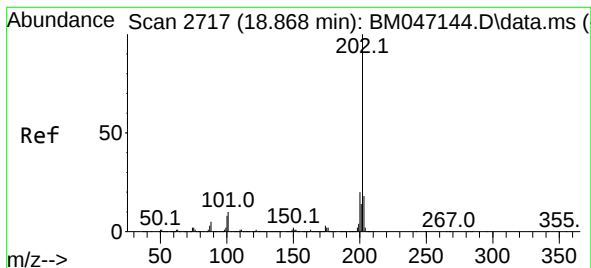
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.6 4.1 6.1





#75

Fluoranthene

Concen: 48.938 ng

RT: 18.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

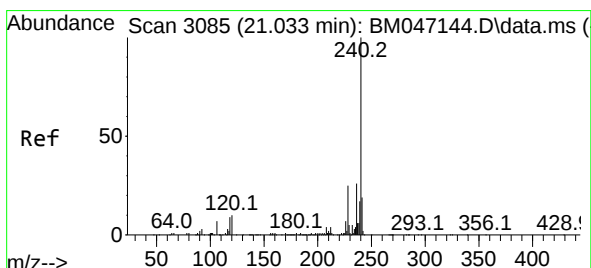
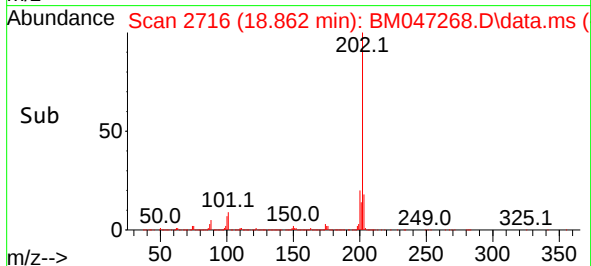
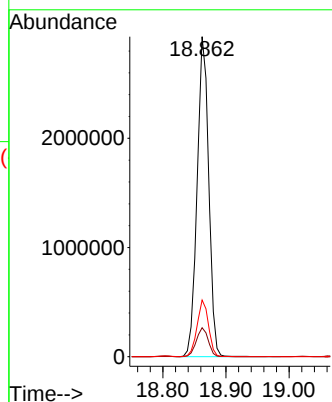
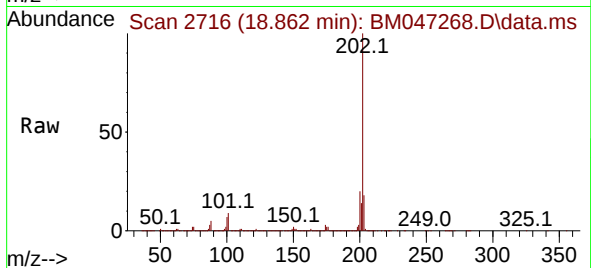
Tgt Ion:202 Resp: 3725232

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.2

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

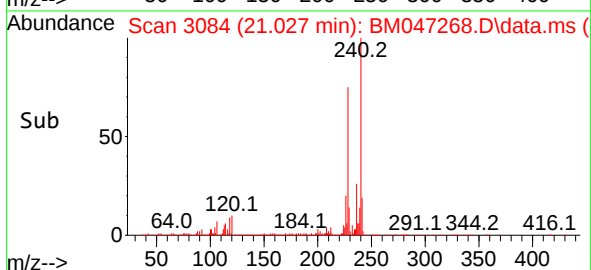
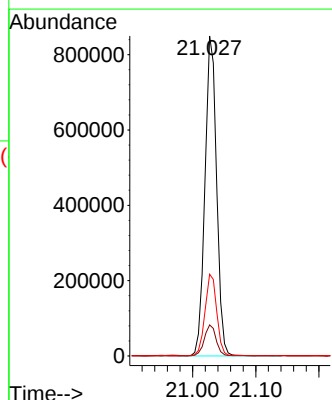
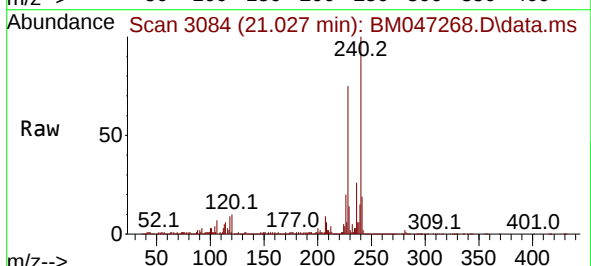
Tgt Ion:240 Resp: 1090544

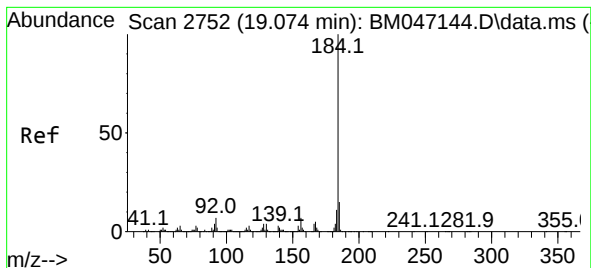
Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

236 25.6 20.6 30.8





#77

Benzidine

Concen: 92.461 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

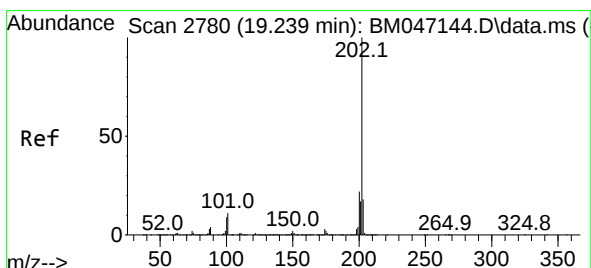
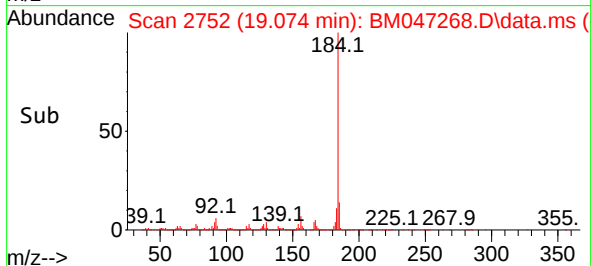
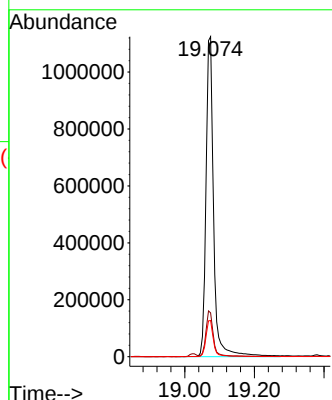
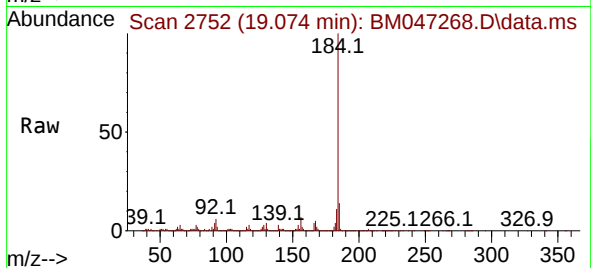
Tgt Ion:184 Resp: 1709967

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.6

183 11.3 9.0 13.6



#78

Pyrene

Concen: 49.998 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

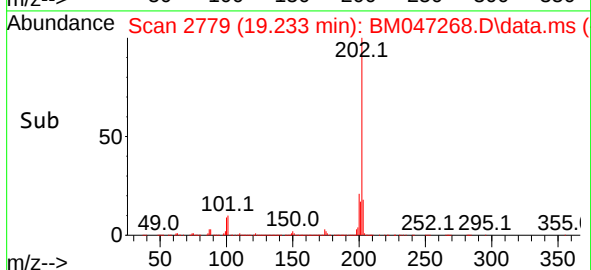
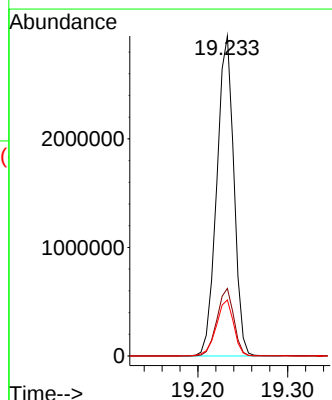
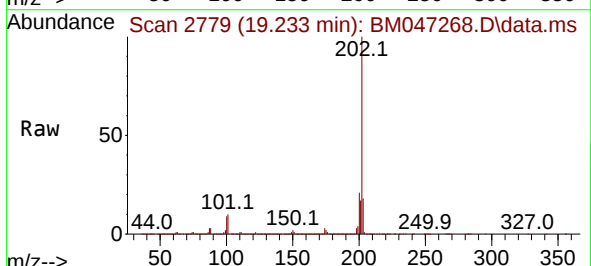
Tgt Ion:202 Resp: 3893217

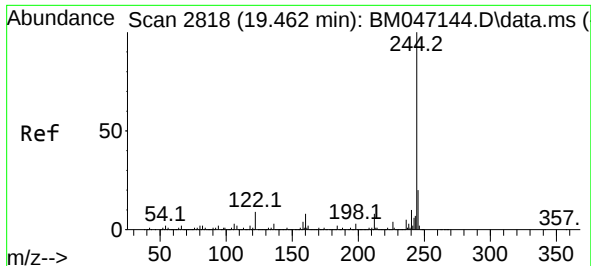
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

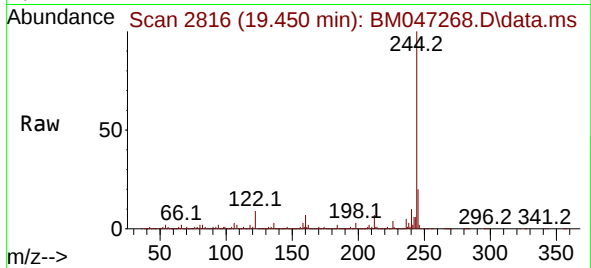
203 17.5 14.2 21.2



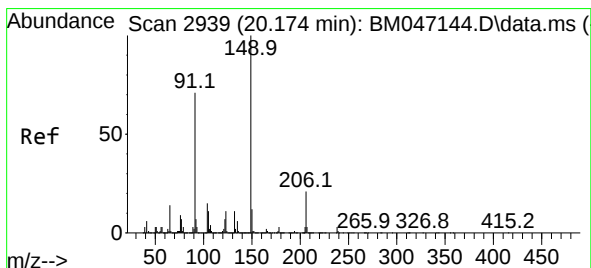
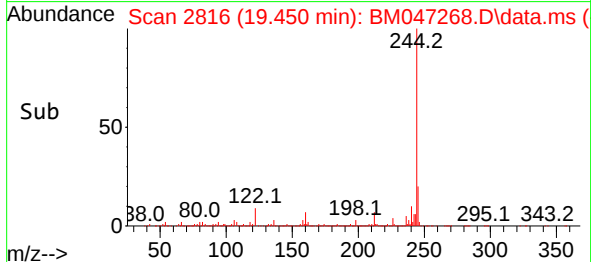
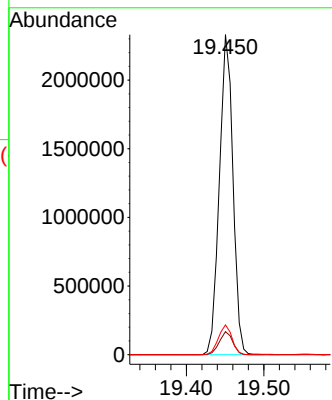


#79
 Terphenyl-d14
 Concen: 55.624 ng
 RT: 19.450 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047268.D
 Acq: 20 Aug 2024 12:47

Instrument :
 BNA_M
 ClientSampleId :
 932-K1-SD-0-0.5-081524MSD

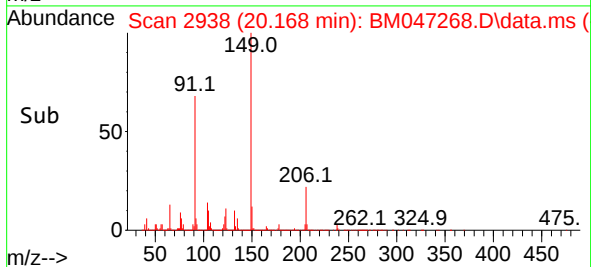
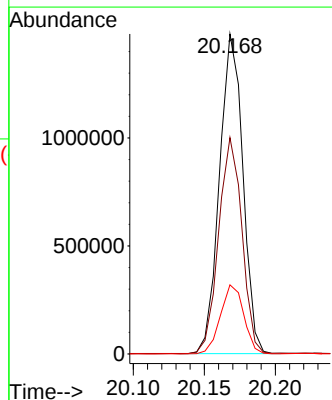
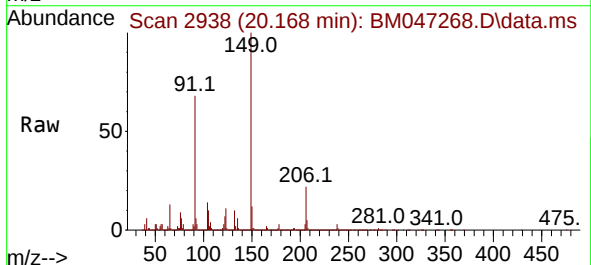


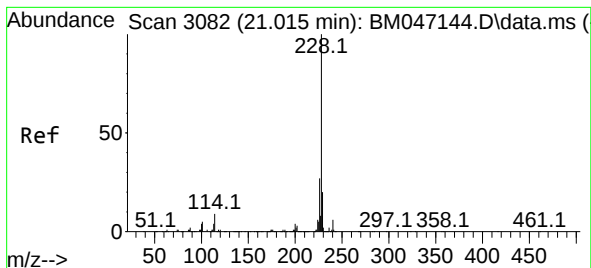
Tgt Ion:244 Resp: 2830966
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 53.243 ng
 RT: 20.168 min Scan# 2938
 Delta R.T. -0.006 min
 Lab File: BM047268.D
 Acq: 20 Aug 2024 12:47

Tgt Ion:149 Resp: 1691944
 Ion Ratio Lower Upper
 149 100
 91 67.6 57.0 85.4
 206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.123 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

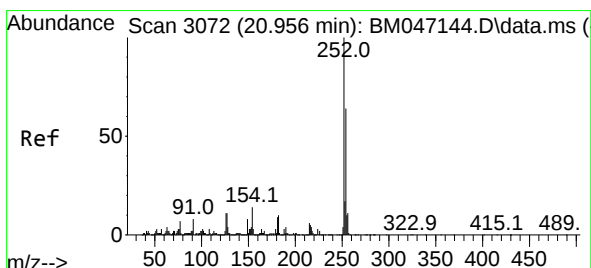
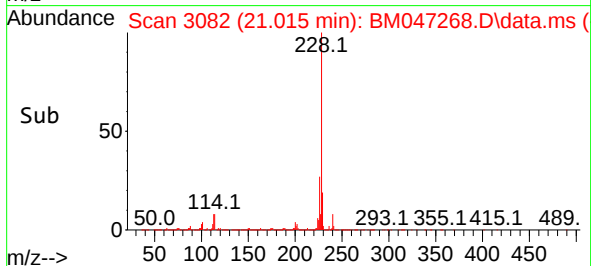
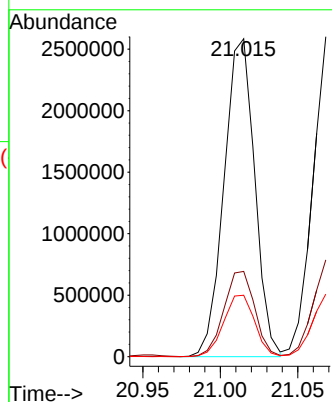
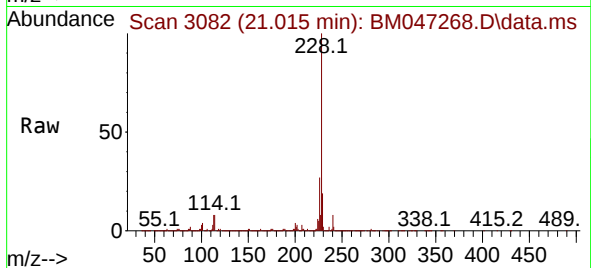
Tgt Ion:228 Resp: 3556373

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.451 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

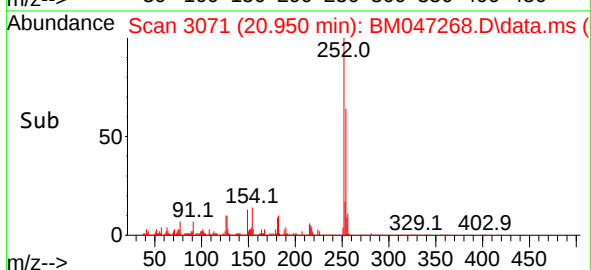
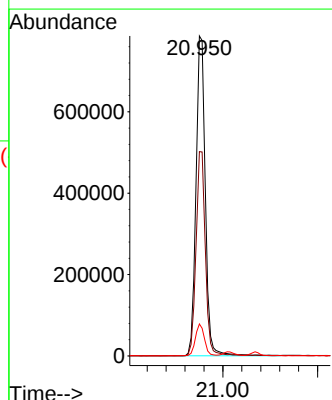
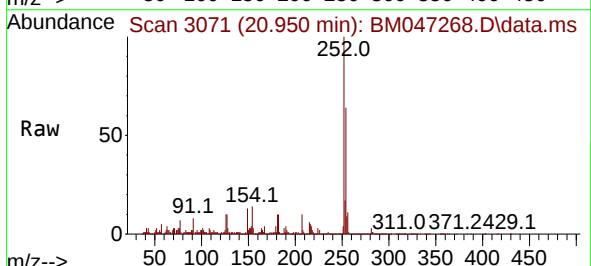
Tgt Ion:252 Resp: 1074842

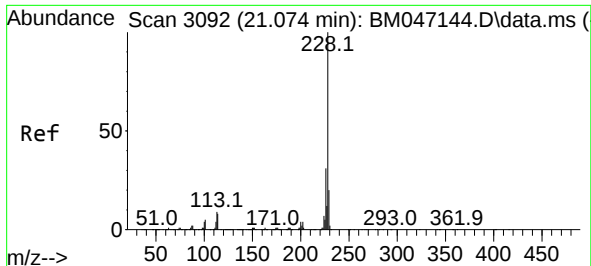
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.6

126 10.0 8.5 12.7

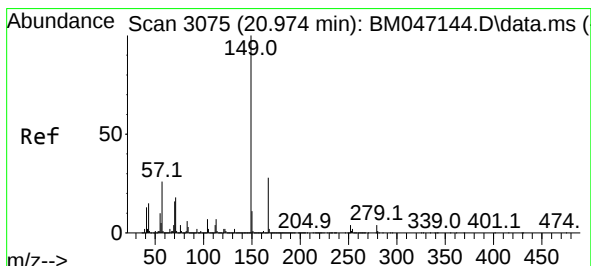
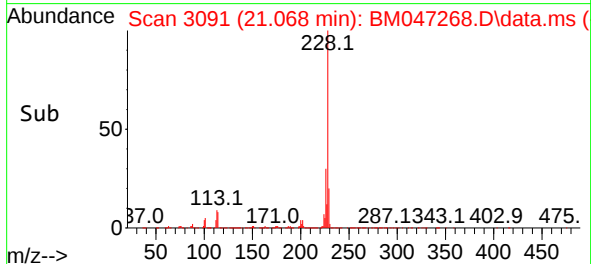
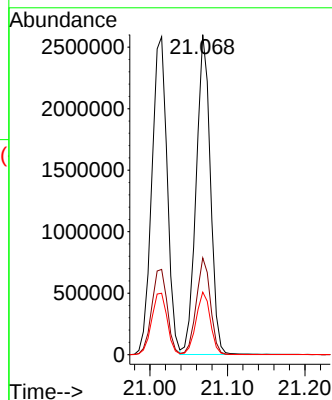
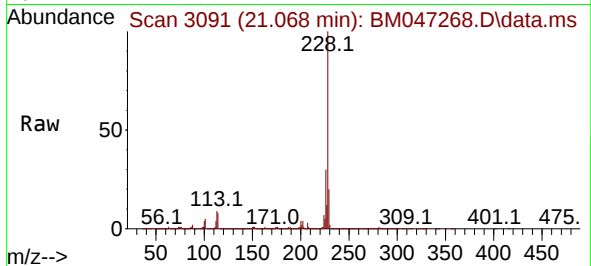




#83
Chrysene
Concen: 48.113 ng
RT: 21.068 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

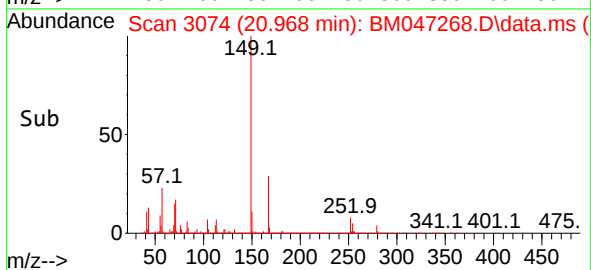
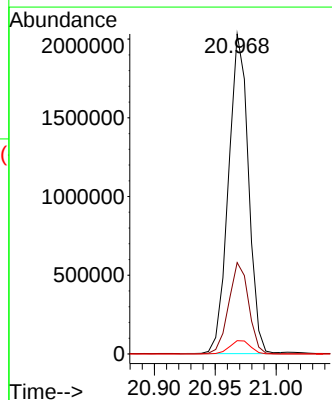
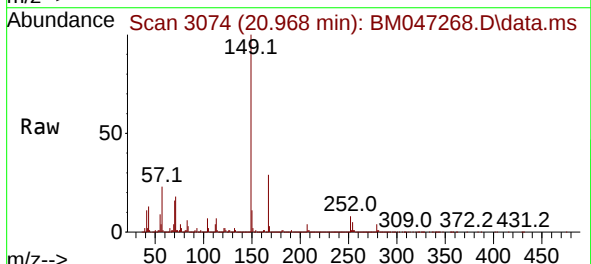
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MSD

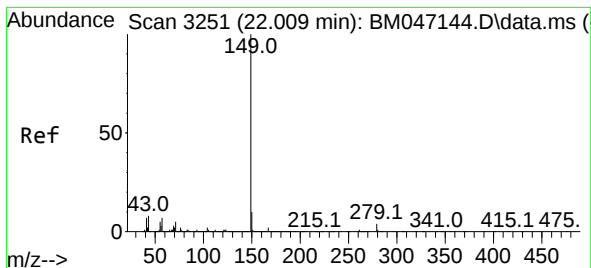
Tgt Ion:228 Resp: 3304751
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.362 ng
RT: 20.968 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BM047268.D
Acq: 20 Aug 2024 12:47

Tgt Ion:149 Resp: 2314696
Ion Ratio Lower Upper
149 100
167 28.6 22.2 33.2
279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 54.098 ng

RT: 21.997 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

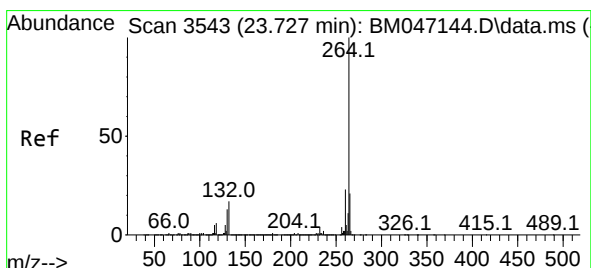
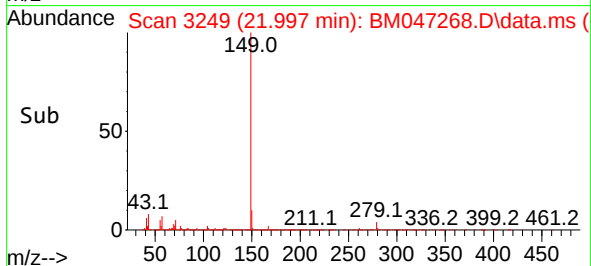
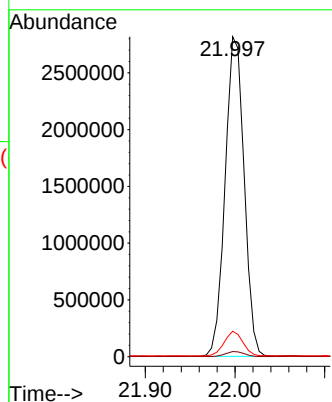
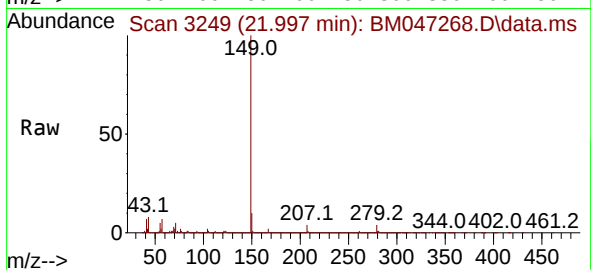
Tgt Ion:149 Resp: 4143894

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3543

Delta R.T. -0.000 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

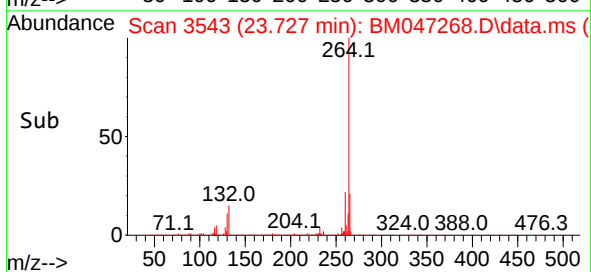
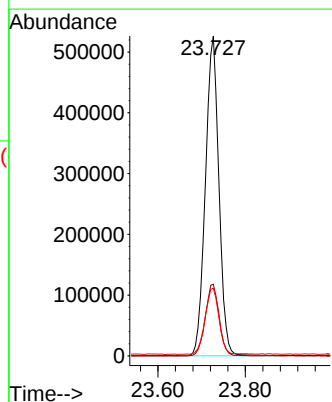
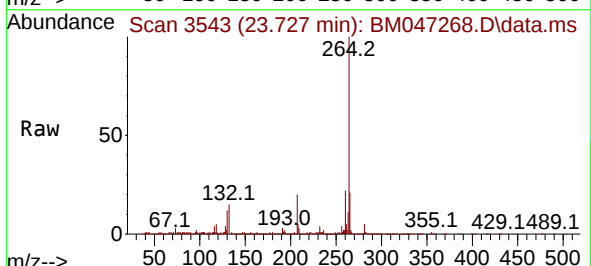
Tgt Ion:264 Resp: 1132549

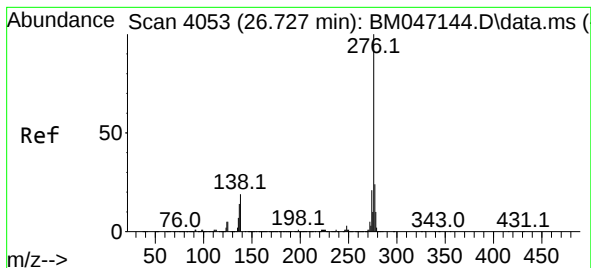
Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 21.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.502 ng

RT: 26.732 min Scan# 4053

Delta R.T. 0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

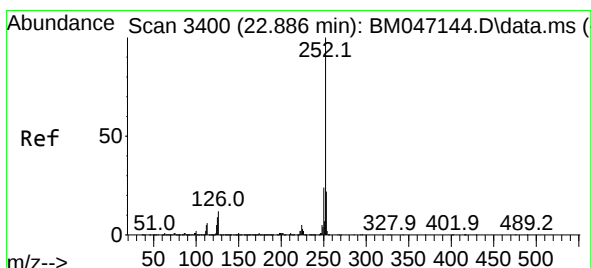
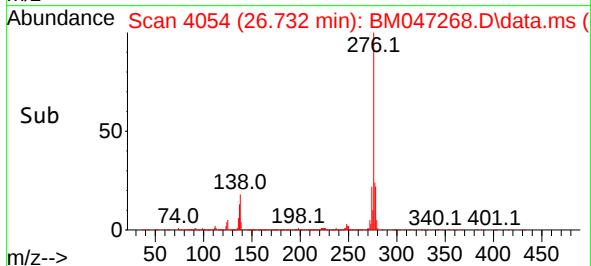
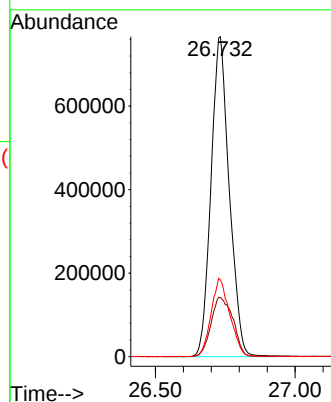
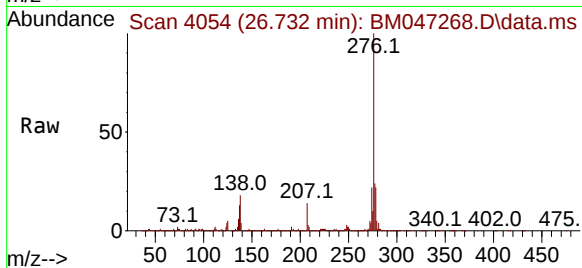
Tgt Ion:276 Resp: 3477411

Ion Ratio Lower Upper

276 100

138 22.2 19.4 29.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.917 ng

RT: 22.886 min Scan# 3400

Delta R.T. -0.000 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

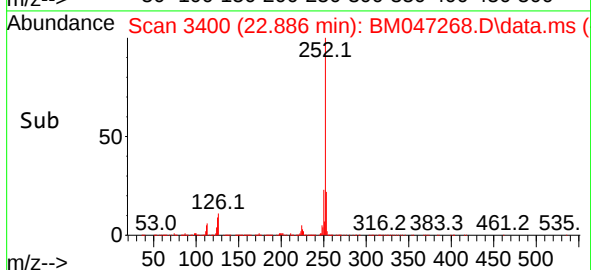
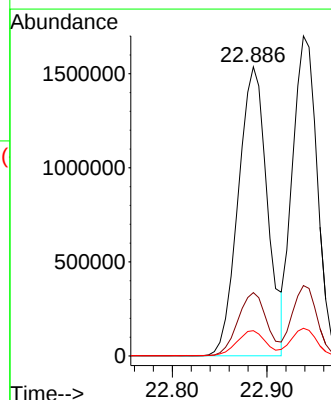
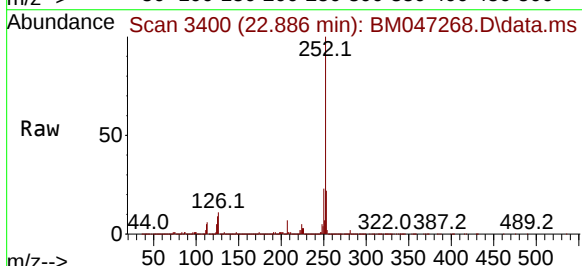
Tgt Ion:252 Resp: 3290069

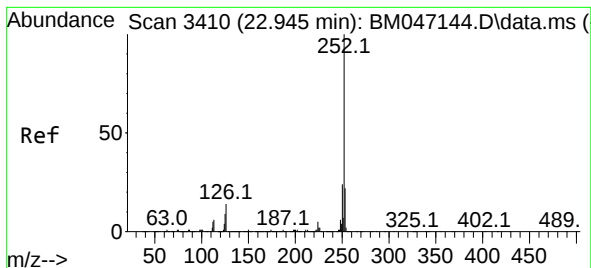
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.545 ng

RT: 22.938 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

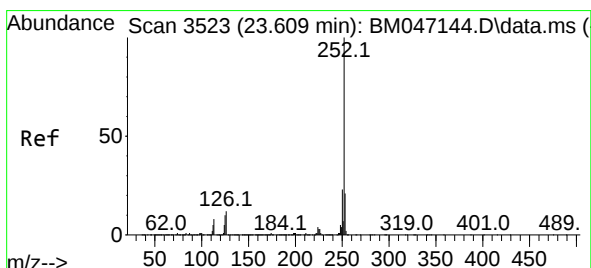
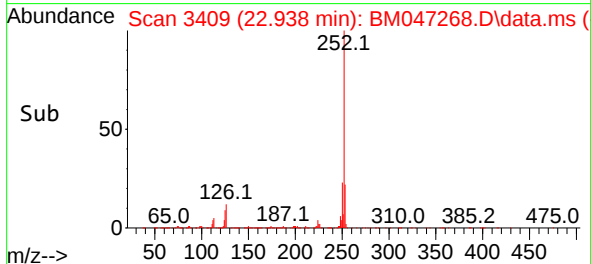
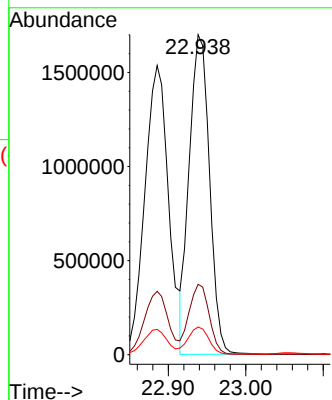
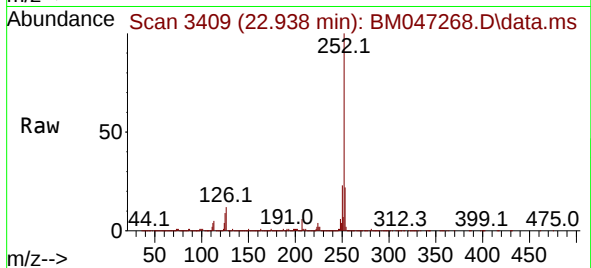
Tgt Ion:252 Resp: 3083942

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.979 ng

RT: 23.603 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

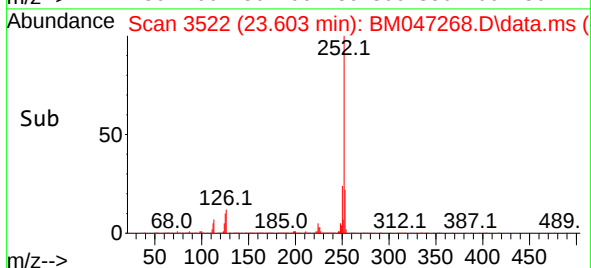
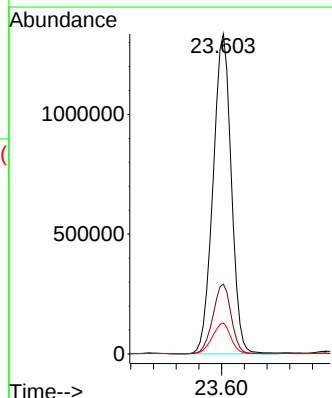
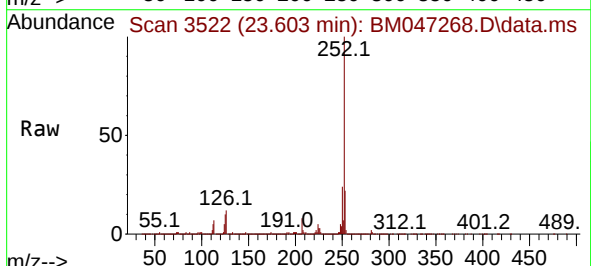
Tgt Ion:252 Resp: 2970189

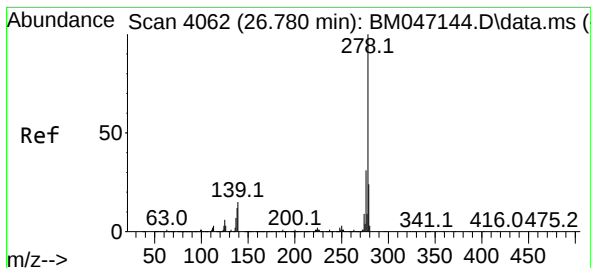
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 9.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 46.874 ng

RT: 26.773 min Scan# 4062

Delta R.T. -0.006 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MSD

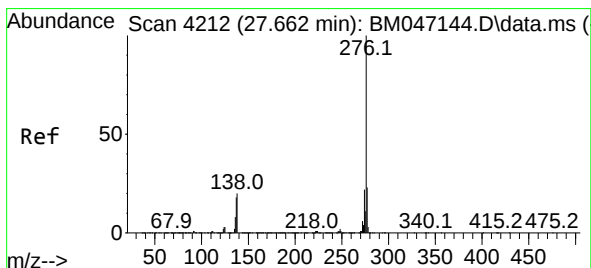
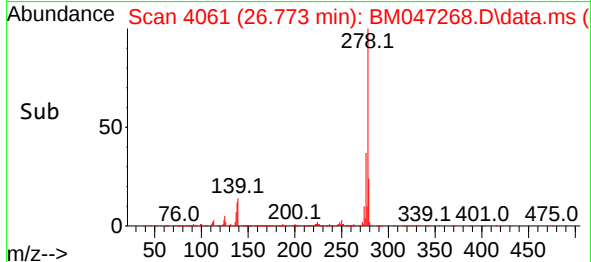
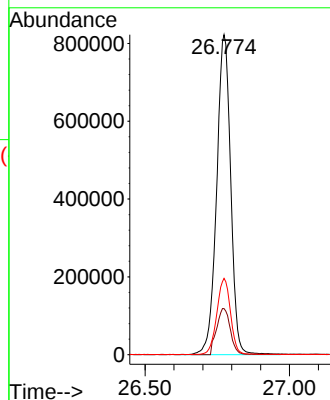
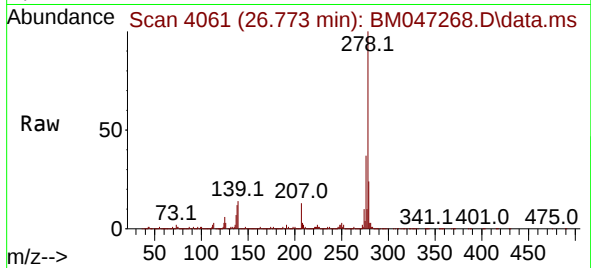
Tgt Ion:278 Resp: 2776944

Ion Ratio Lower Upper

278 100

139 14.4 12.0 18.0

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 43.461 ng

RT: 27.662 min Scan# 4212

Delta R.T. -0.000 min

Lab File: BM047268.D

Acq: 20 Aug 2024 12:47

Tgt Ion:276 Resp: 2673292

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 19.5 16.2 24.4

