

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047267.D
 Acq On : 20 Aug 2024 12:07
 Operator : RC/JU
 Sample : P3643-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 20 12:43:53 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	224756	20.000	ng	-0.02
21) Naphthalene-d8	10.116	136	875032	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	598415	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1318664	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1107344	20.000	ng	0.00
86) Perylene-d12	23.721	264	1124279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1404493	111.659	ng	0.00
7) Phenol-d6	6.575	99	1884640	108.738	ng	-0.01
23) Nitrobenzene-d5	8.510	82	1148497	66.090	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	791934	114.133	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	2242759	57.811	ng	-0.02
79) Terphenyl-d14	19.451	244	3030486	58.641	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	207820	39.876	ng	95
3) Pyridine	3.399	79	575856	37.680	ng	96
4) n-Nitrosodimethylamine	3.316	42	264411	39.601	ng	100
6) Aniline	6.710	93	628244	38.350	ng	98
8) 2-Chlorophenol	6.940	128	704590	51.359	ng	98
9) Benzaldehyde	6.522	77	380480	43.299	ng	99
10) Phenol	6.604	94	836579	48.373	ng	98
11) bis(2-Chloroethyl)ether	6.810	93	650887	43.948	ng	97
12) 1,3-Dichlorobenzene	7.245	146	757349	46.456	ng	98
13) 1,4-Dichlorobenzene	7.392	146	766980	46.467	ng	97
14) 1,2-Dichlorobenzene	7.704	146	742039	47.646	ng	98
15) Benzyl Alcohol	7.616	79	641295	51.989	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.887	45	823699	43.342	ng	98
17) 2-Methylphenol	7.822	107	577932	50.090	ng	99
18) Hexachloroethane	8.410	117	286837	44.863	ng	94
19) n-Nitroso-di-n-propyla...	8.169	70	500119	42.838	ng	98
20) 3+4-Methylphenols	8.151	107	800326	49.617	ng	98
22) Acetophenone	8.181	105	964415	45.660	ng	98
24) Nitrobenzene	8.551	77	776210	44.358	ng	97
25) Isophorone	9.075	82	1451265	47.964	ng	98
26) 2-Nitrophenol	9.251	139	408687	52.737	ng	97
27) 2,4-Dimethylphenol	9.334	122	584255	64.362	ng	99
28) bis(2-Chloroethoxy)met...	9.557	93	892816	46.894	ng	99
29) 2,4-Dichlorophenol	9.786	162	757684	56.253	ng	98
30) 1,2,4-Trichlorobenzene	9.986	180	744491	48.842	ng	98
31) Naphthalene	10.163	128	2057259	47.195	ng	99
32) Benzoic acid	9.528	122	587645	55.719	ng	98
33) 4-Chloroaniline	10.292	127	470621	28.075	ng	99
34) Hexachlorobutadiene	10.445	225	460763	51.645	ng	98
35) Caprolactam	11.110	113	222348	47.535	ng	88
36) 4-Chloro-3-methylphenol	11.445	107	754649	52.609	ng	99
37) 2-Methylnaphthalene	11.792	142	1530740	49.320	ng	99
38) 1-Methylnaphthalene	12.016	142	1434100	46.753	ng	98
40) 1,2,4,5-Tetrachloroben...	12.175	216	846011	51.832	ng	99
41) Hexachlorocyclopentadiene	12.145	237	699885	122.799	ng	97
43) 2,4,6-Trichlorophenol	12.433	196	645362	55.629	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	695398	53.987	ng	96
46) 1,1'-Biphenyl	12.839	154	2004544	47.053	ng	99
47) 2-Chloronaphthalene	12.874	162	1553891	46.666	ng	99
48) 2-Nitroaniline	13.104	65	510758	48.962	ng	97
49) Acenaphthylene	13.739	152	2544166	51.835	ng	100
50) Dimethylphthalate	13.504	163	2083674	49.856	ng	99
51) 2,6-Dinitrotoluene	13.621	165	471984	48.310	ng	89
52) Acenaphthene	14.086	154	1537980	49.398	ng	99
53) 3-Nitroaniline	13.951	138	352365	35.993	ng	96
54) 2,4-Dinitrophenol	14.174	184	599241	102.338	ng	91
55) Dibenzofuran	14.427	168	2435484	49.524	ng	98
56) 4-Nitrophenol	14.304	139	871185	103.199	ng	98
57) 2,4-Dinitrotoluene	14.421	165	642828	49.295	ng	# 98
58) Fluorene	15.086	166	1994196	49.146	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.668	232	615666	58.157	ng	94
60) Diethylphthalate	14.886	149	2085510	48.865	ng	98
61) 4-Chlorophenyl-phenyle...	15.086	204	979624	50.710	ng	95
62) 4-Nitroaniline	15.133	138	468127	48.538	ng	95
63) Azobenzene	15.380	77	1880518	46.471	ng	97
65) 4,6-Dinitro-2-methylph...	15.192	198	392765	50.873	ng	92
66) n-Nitrosodiphenylamine	15.310	169	1777793	49.497	ng	99
67) 4-Bromophenyl-phenylether	15.986	248	651517	51.273	ng	97
68) Hexachlorobenzene	16.092	284	756384	49.702	ng	96
69) Atrazine	16.286	200	708865	65.587	ng	99
70) Pentachlorophenol	16.451	266	1086035	101.804	ng	98
71) Phenanthrene	16.827	178	3291854	49.742	ng	99
72) Anthracene	16.921	178	3364784	52.254	ng	100
73) Carbazole	17.204	167	3214005	48.885	ng	99
74) Di-n-butylphthalate	17.786	149	3778178	49.387	ng	99
75) Fluoranthene	18.862	202	4008991	49.804	ng	99
77) Benzidine	19.068	184	1692743	90.141	ng	99
78) Pyrene	19.233	202	4209207	53.236	ng	99
80) Butylbenzylphthalate	20.168	149	1828369	56.663	ng	95
81) Benzo(a)anthracene	21.015	228	3717987	50.577	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	1076202	46.790	ng	99
83) Chrysene	21.068	228	3447413	49.428	ng	100
84) Bis(2-ethylhexyl)phtha...	20.968	149	2488923	54.390	ng	# 98
85) Di-n-octyl phthalate	21.997	149	4376210	56.264	ng	97
87) Indeno(1,2,3-cd)pyrene	26.727	276	3591951	49.428	ng	98
88) Benzo(b)fluoranthene	22.886	252	3322518	49.763	ng	99
89) Benzo(k)fluoranthene	22.939	252	3260791	51.706	ng	99
90) Benzo(a)pyrene	23.597	252	3053597	52.796	ng	98
91) Dibenzo(a,h)anthracene	26.774	278	2858311	48.602	ng	99
92) Benzo(g,h,i)perylene	27.656	276	2754623	45.113	ng	99

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

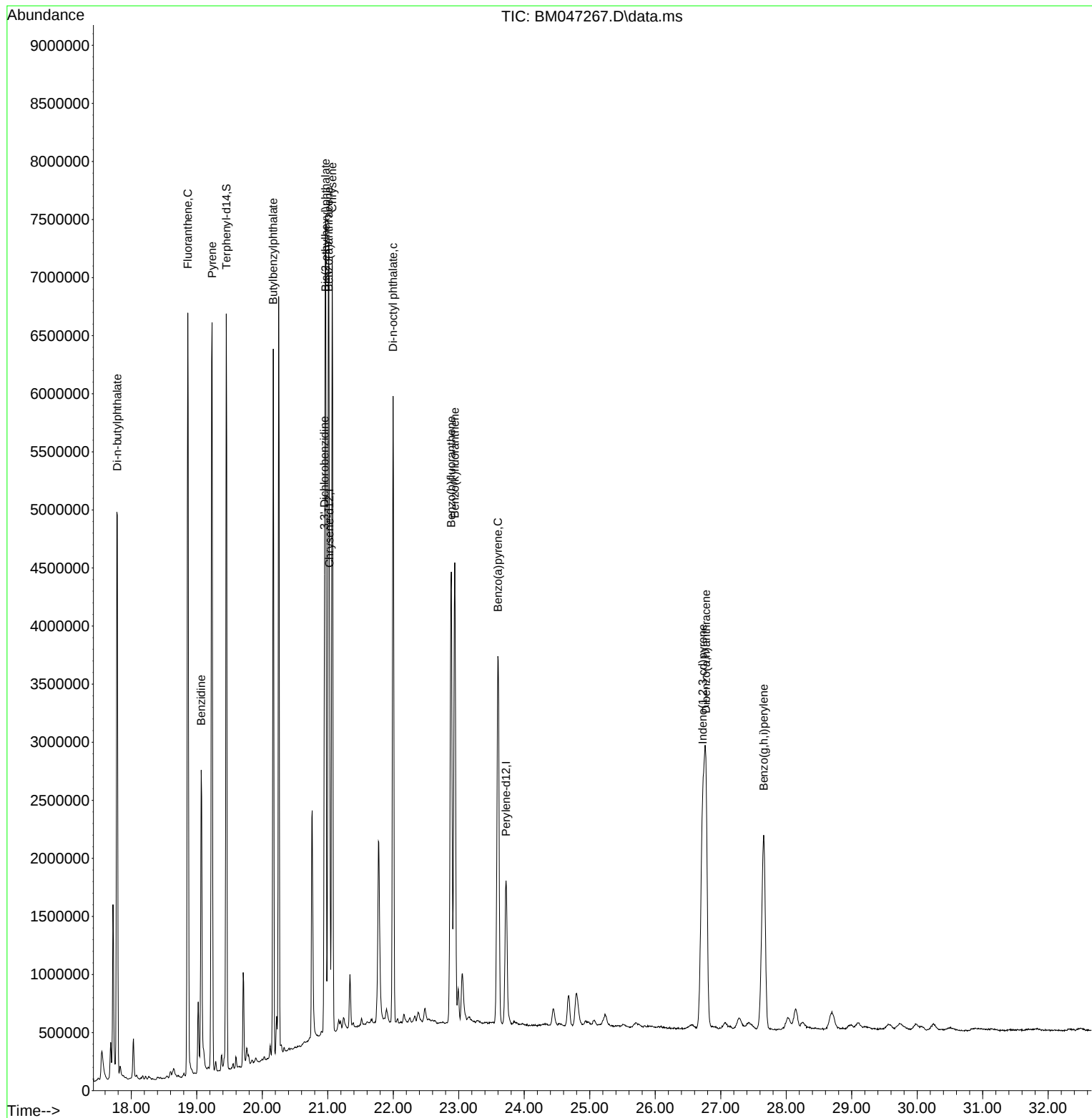
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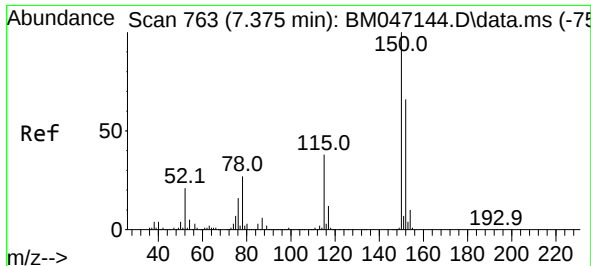


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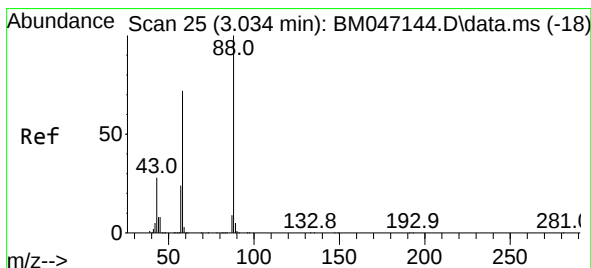
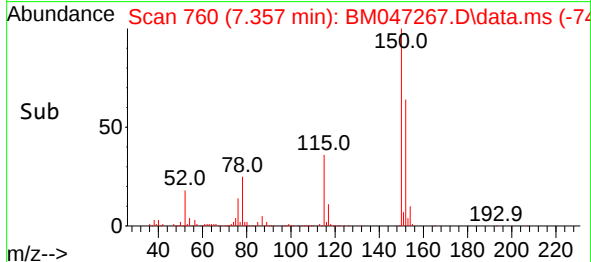
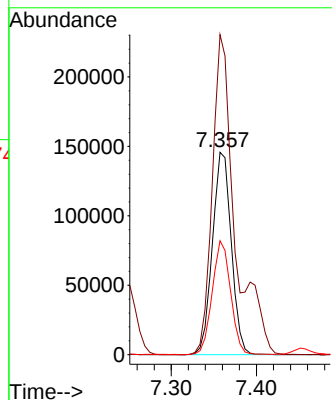
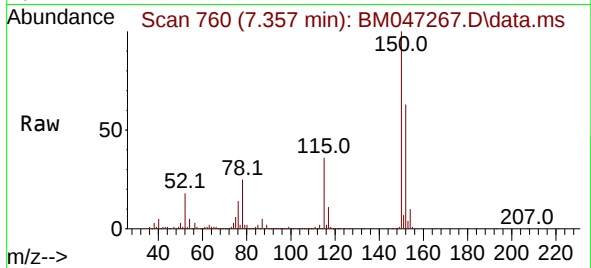




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047267.D
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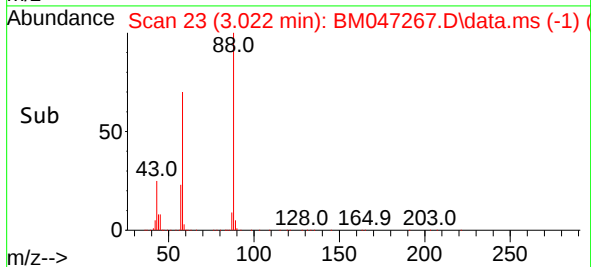
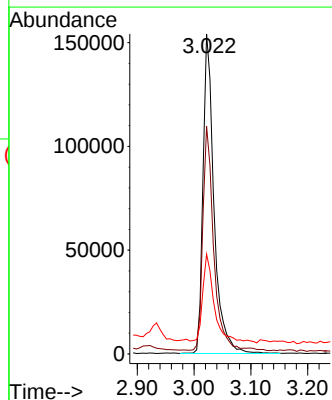
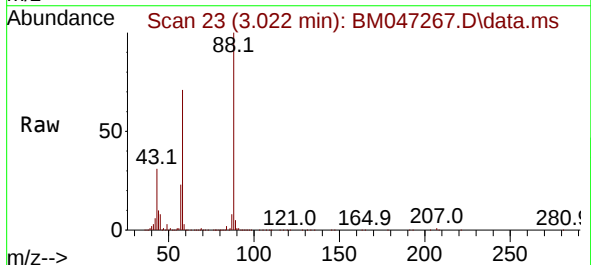
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:152 Resp: 224756
Ion Ratio Lower Upper
152 100
150 158.1 120.5 180.7
115 56.3 45.5 68.3



#2
1,4-Dioxane
Concen: 39.876 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion: 88 Resp: 207820
Ion Ratio Lower Upper
88 100
58 68.3 58.2 87.4
43 29.7 22.5 33.7

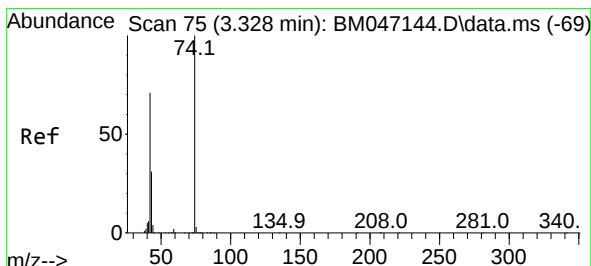
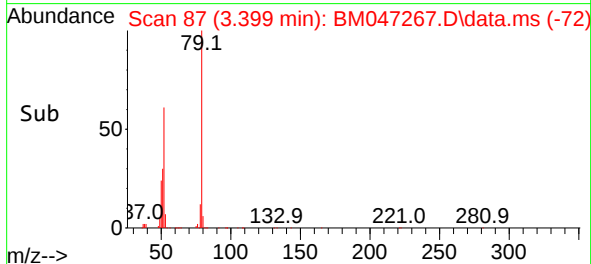
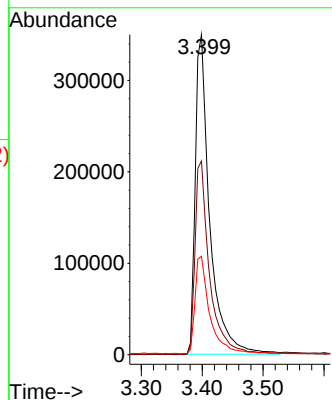
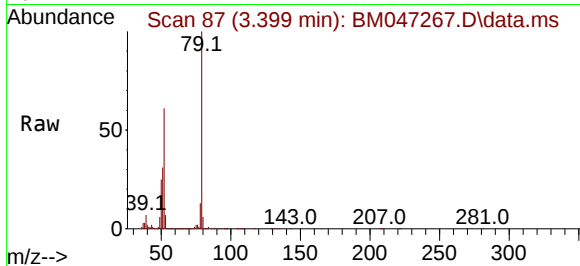




#3
Pyridine
Concen: 37.680 ng
RT: 3.399 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

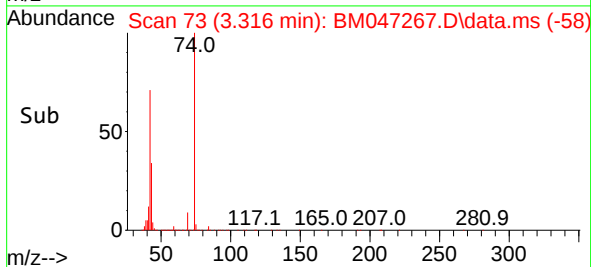
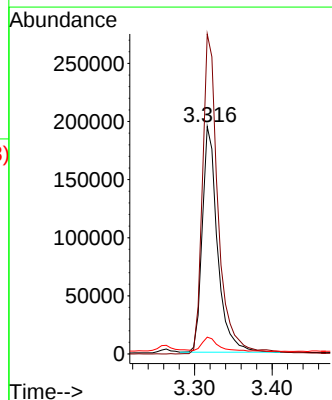
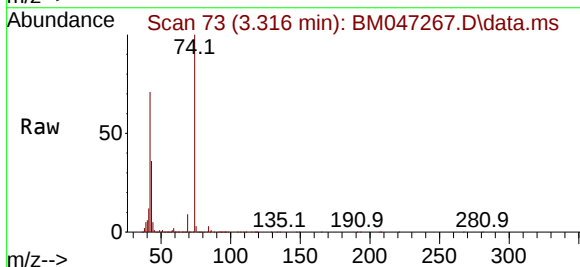
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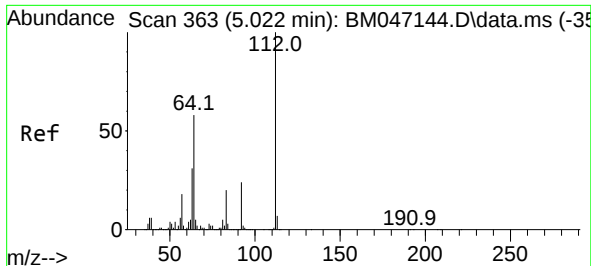
Tgt Ion: 79 Resp: 575856
Ion Ratio Lower Upper
79 100
52 60.5 51.2 76.8
51 30.8 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 39.601 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion: 42 Resp: 264411
Ion Ratio Lower Upper
42 100
74 140.7 112.9 169.3
44 7.4 5.3 7.9

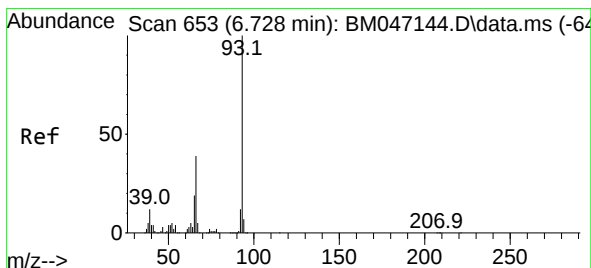
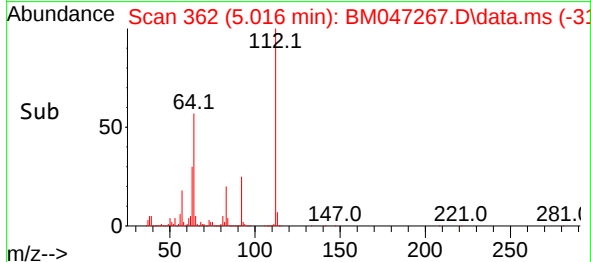
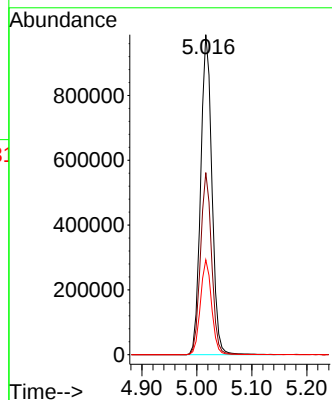
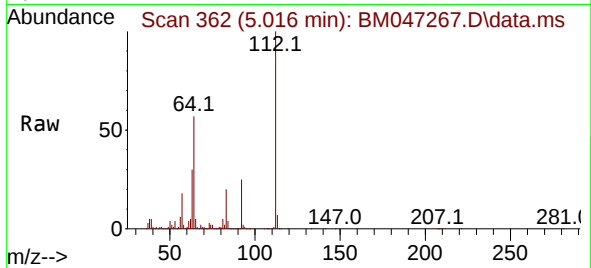




#5
2-Fluorophenol
Concen: 111.659 ng
RT: 5.016 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

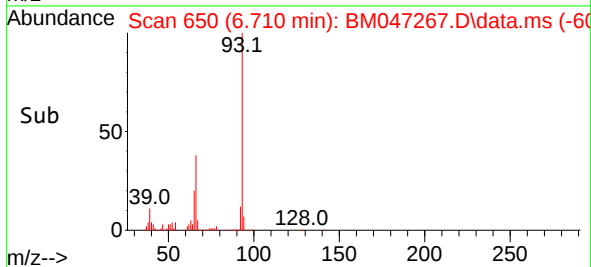
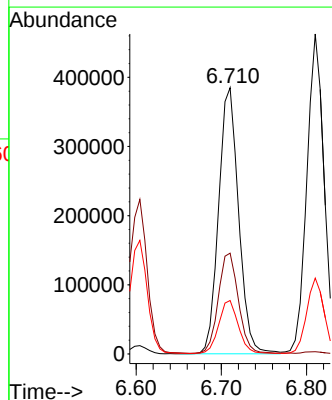
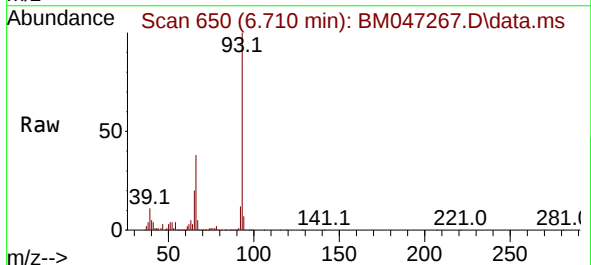
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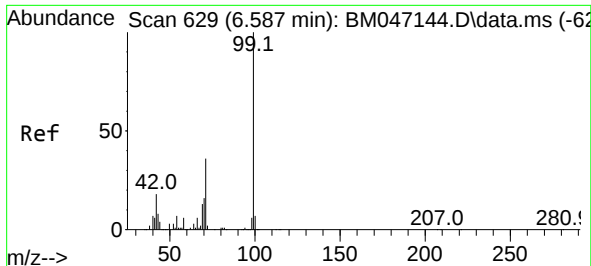
Tgt Ion:112 Resp: 1404493
Ion Ratio Lower Upper
112 100
64 56.9 46.7 70.1
63 29.7 24.8 37.2



#6
Aniline
Concen: 38.350 ng
RT: 6.710 min Scan# 650
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion: 93 Resp: 628244
Ion Ratio Lower Upper
93 100
66 37.9 31.4 47.2
65 20.1 15.6 23.4

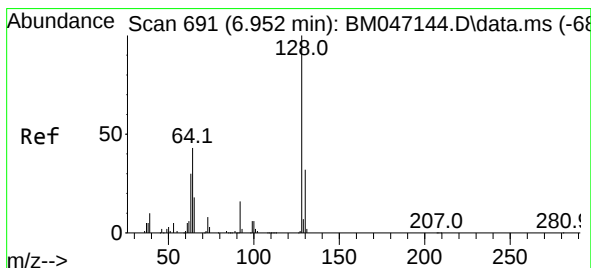
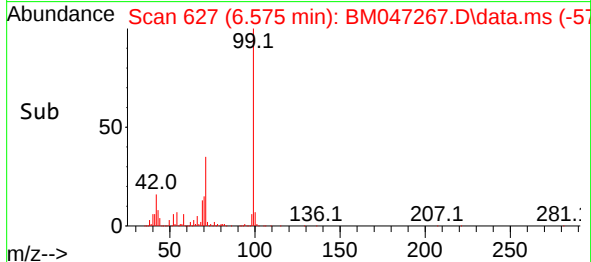
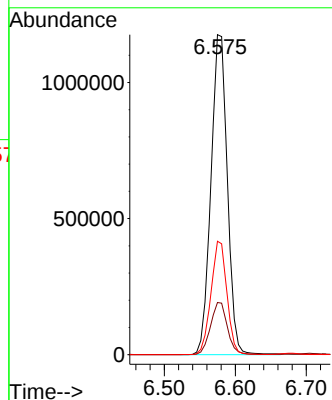
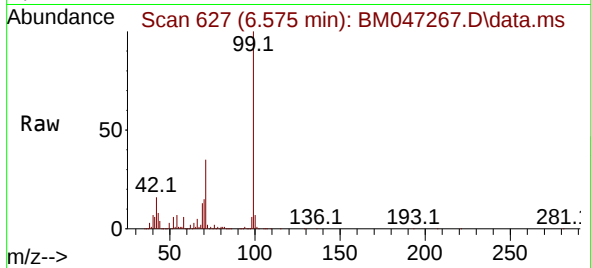




#7
Phenol-d6
Concen: 108.738 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047267.D
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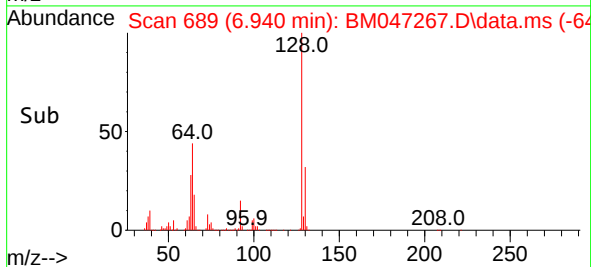
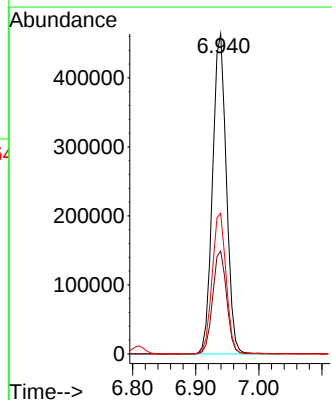
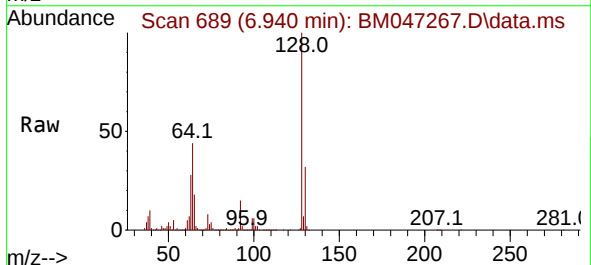
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Tgt Ion: 99 Resp: 1884640
Ion Ratio Lower Upper
99 100
42 16.3 14.1 21.1
71 35.4 28.5 42.7



#8
2-Chlorophenol
Concen: 51.359 ng
RT: 6.940 min Scan# 689
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion: 128 Resp: 704590
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 44.0 26.6 66.6

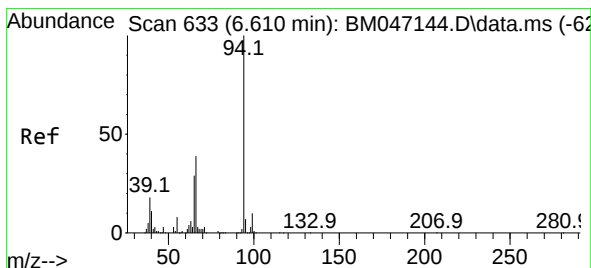
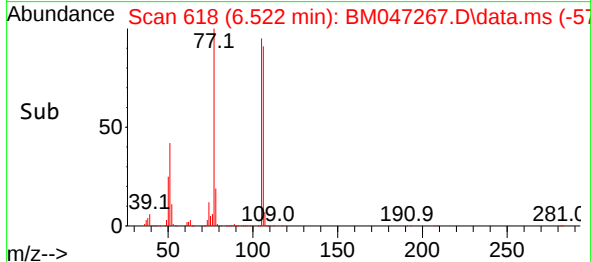
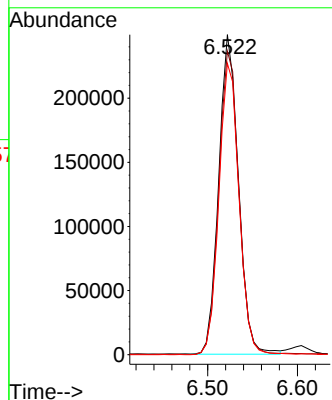
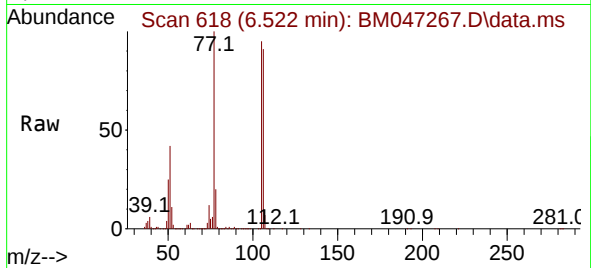




#9
Benzaldehyde
Concen: 43.299 ng
RT: 6.522 min Scan# 61
Delta R.T. -0.018 min
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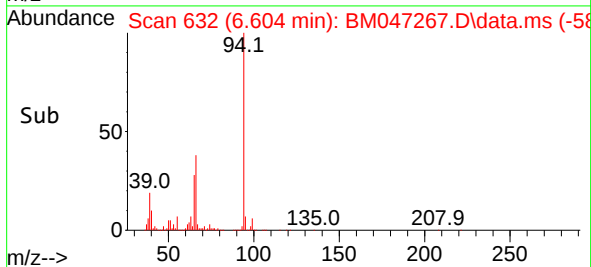
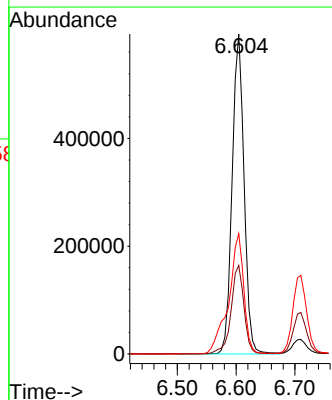
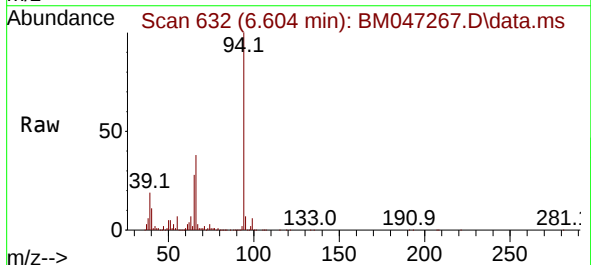
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Tgt Ion: 77 Resp: 380480
Ion Ratio Lower Upper
77 100
105 94.8 74.5 114.5
106 91.0 72.3 112.3



#10
Phenol
Concen: 48.373 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion: 94 Resp: 836579
Ion Ratio Lower Upper
94 100
65 27.7 9.0 49.0
66 37.6 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 43.948 ng

RT: 6.810 min Scan# 60

Delta R.T. -0.018 min

Lab File: BM047267.D

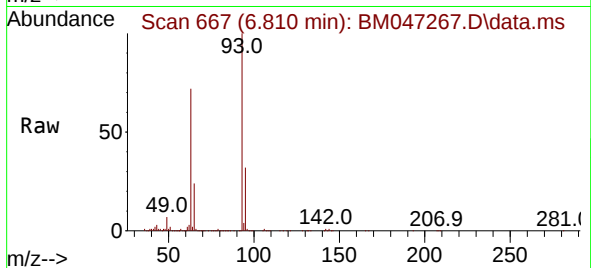
Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



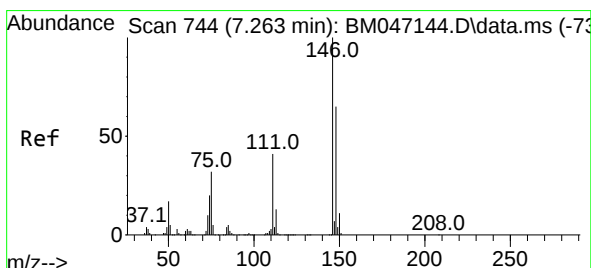
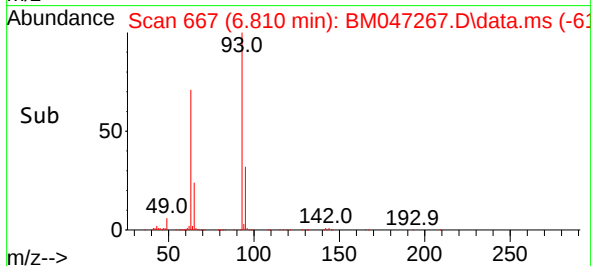
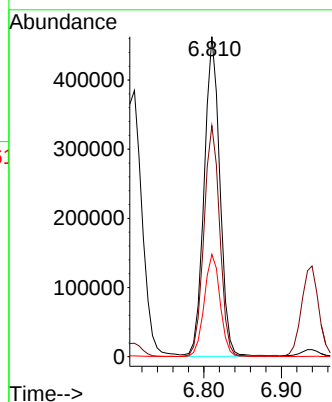
Tgt Ion: 93 Resp: 650887

Ion Ratio Lower Upper

93 100

63 72.2 55.8 95.8

95 32.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 46.456 ng

RT: 7.245 min Scan# 741

Delta R.T. -0.018 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

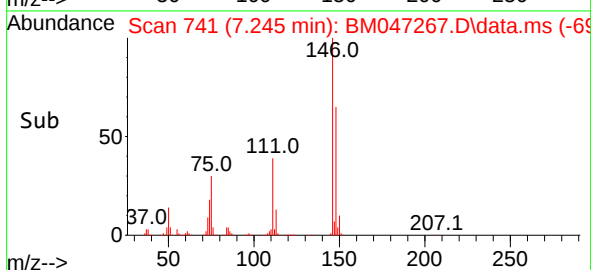
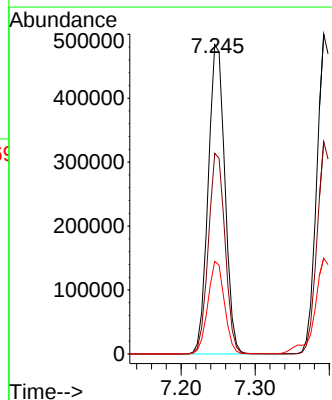
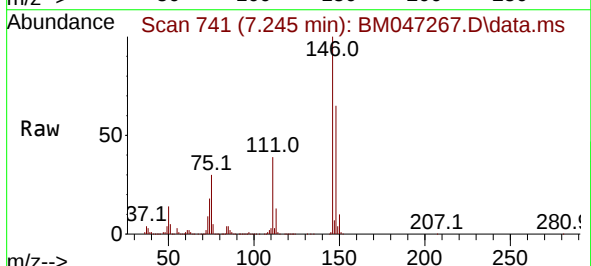
Tgt Ion: 146 Resp: 757349

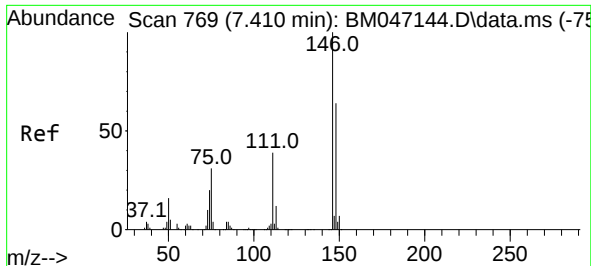
Ion Ratio Lower Upper

146 100

148 64.8 52.3 78.5

75 30.0 25.8 38.6

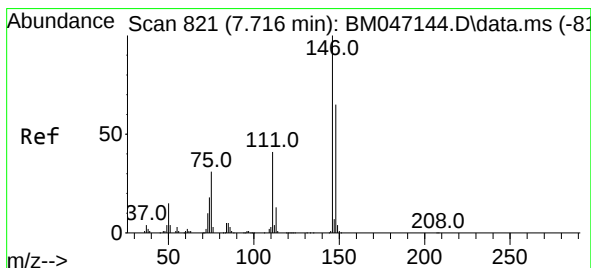
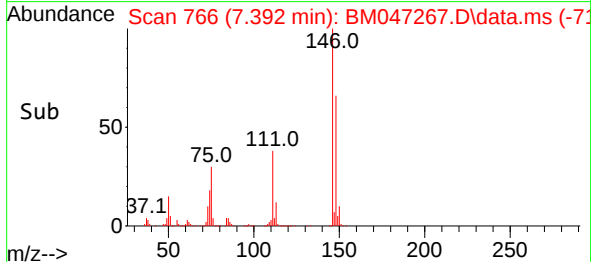
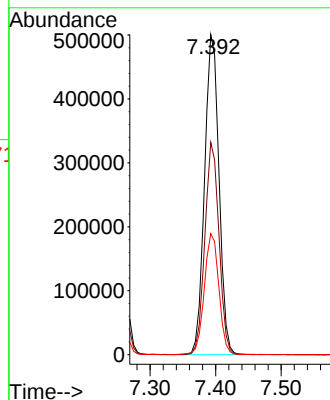
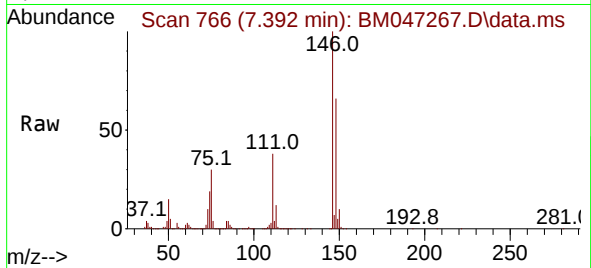




#13
1,4-Dichlorobenzene
Concen: 46.467 ng
RT: 7.392 min Scan# 701
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

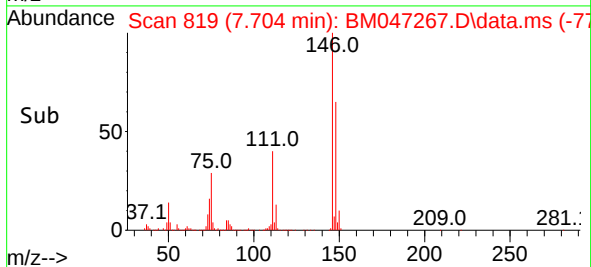
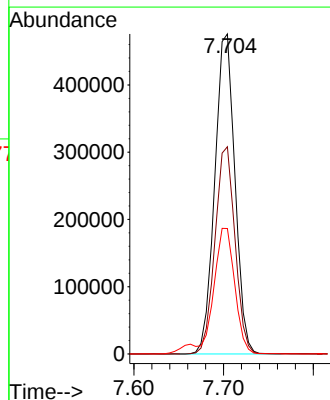
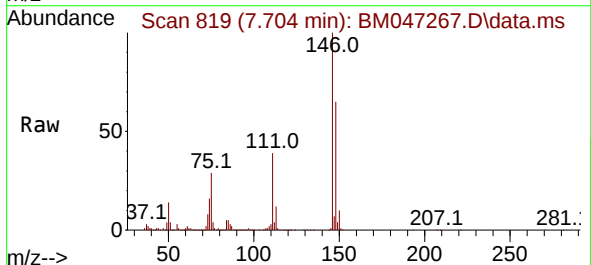
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:146 Resp: 766980
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.2
111 37.9 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 47.646 ng
RT: 7.704 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:146 Resp: 742039
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 39.2 33.3 49.9

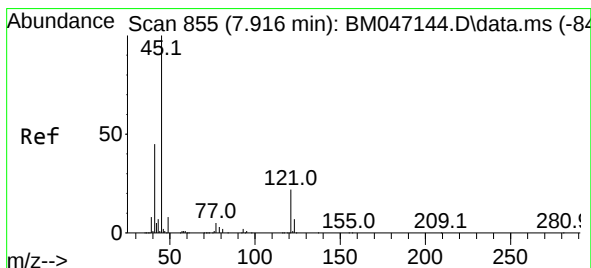
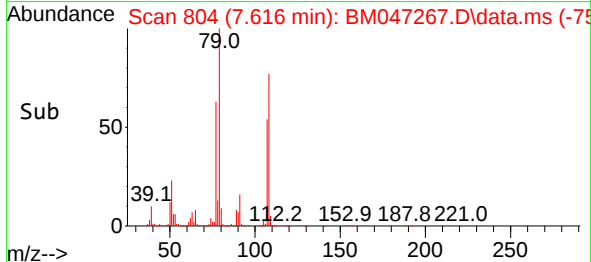
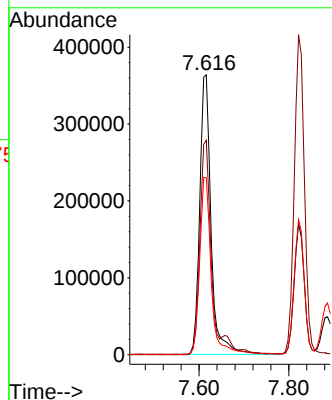
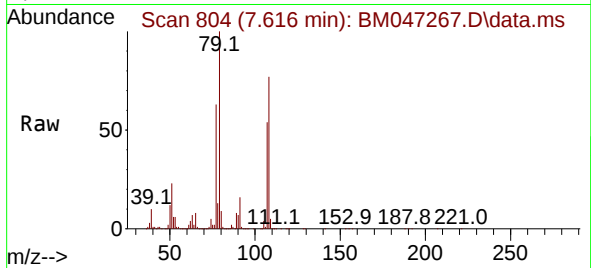




#15
Benzyl Alcohol
Concen: 51.989 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

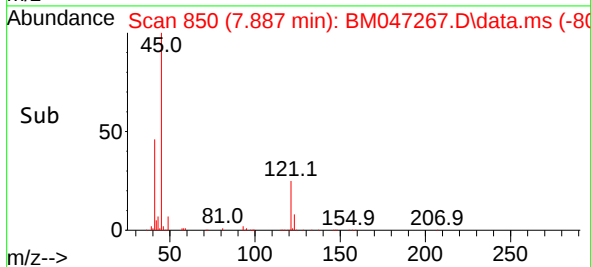
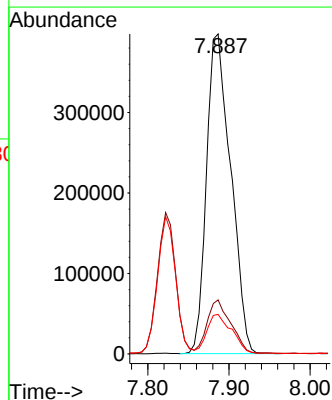
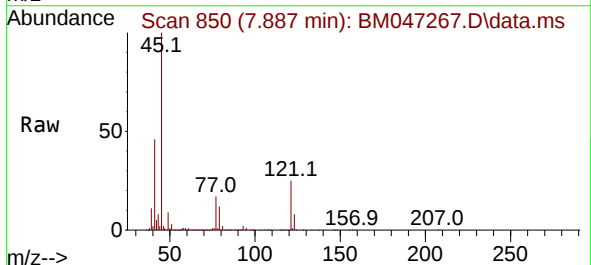
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

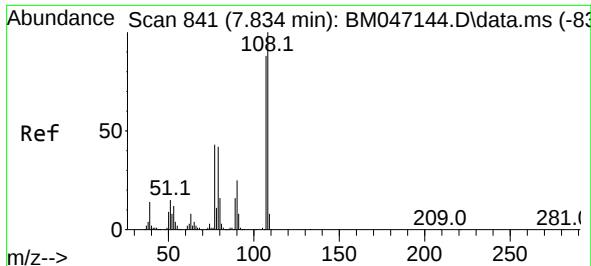
Tgt Ion: 79 Resp: 641295
Ion Ratio Lower Upper
79 100
108 76.6 59.7 89.5
77 63.3 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.342 ng
RT: 7.887 min Scan# 850
Delta R.T. -0.030 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion: 45 Resp: 823699
Ion Ratio Lower Upper
45 100
77 16.9 0.0 35.6
79 12.4 0.0 32.4

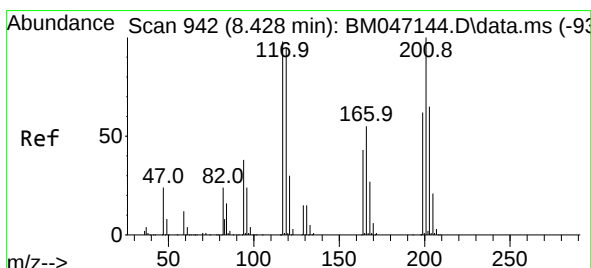
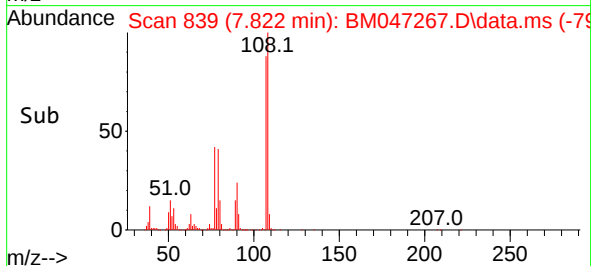
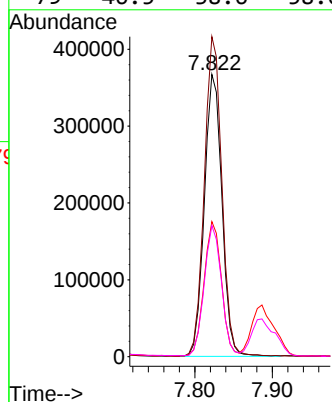
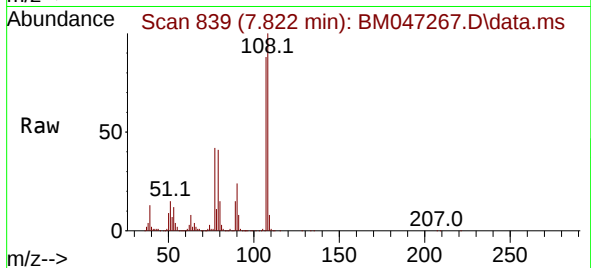




#17
2-Methylphenol
Concen: 50.090 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

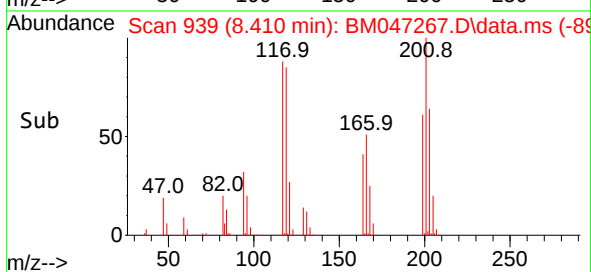
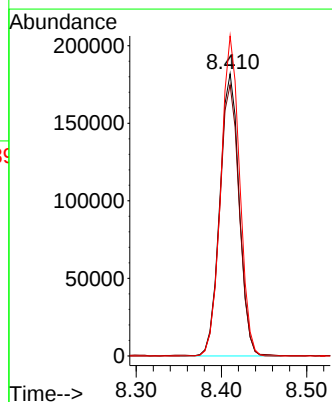
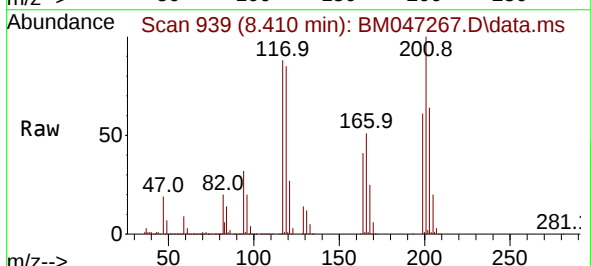
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:	107	Resp:	577932
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.6	135.8
77	47.9	39.3	58.9
79	46.5	38.6	58.0



#18
Hexachloroethane
Concen: 44.863 ng
RT: 8.410 min Scan# 939
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:	117	Resp:	286837
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.4
201	113.4	81.3	121.9

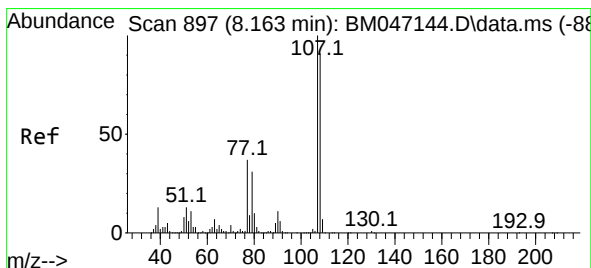
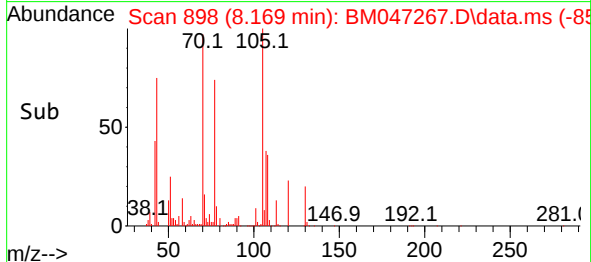
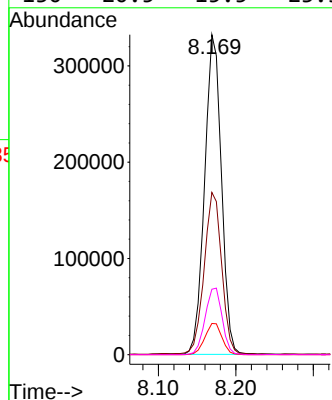
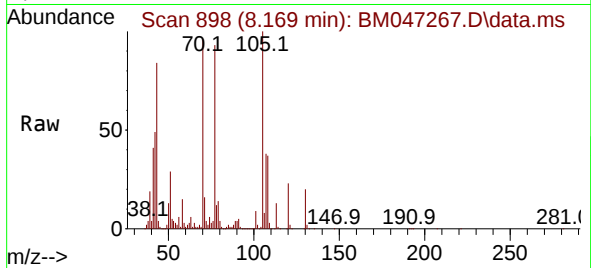




#19
n-Nitroso-di-n-propylamine
Concen: 42.838 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

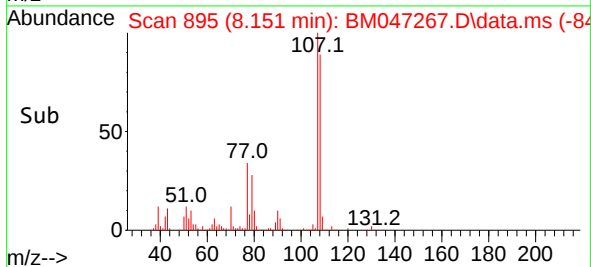
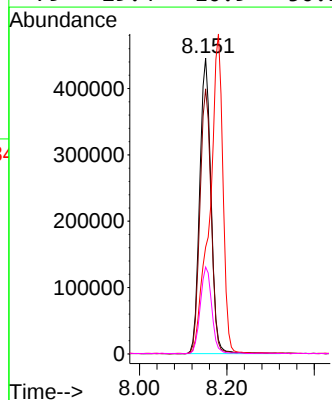
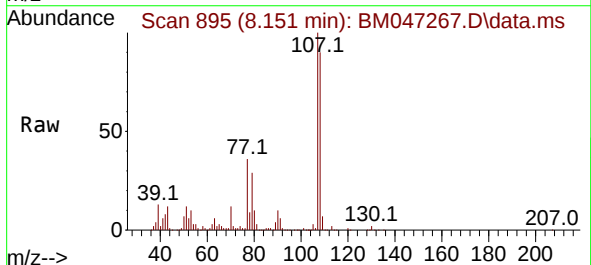
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:	70	Resp:	500119
Ion	Ratio	Lower	Upper
70	100		
42	50.7	42.0	63.0
101	9.8	7.2	10.8
130	20.5	15.5	23.3



#20
3+4-Methylphenols
Concen: 49.617 ng
RT: 8.151 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:	107	Resp:	800326
Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.7	110.7
77	36.1	17.4	57.4
79	29.4	10.9	50.9

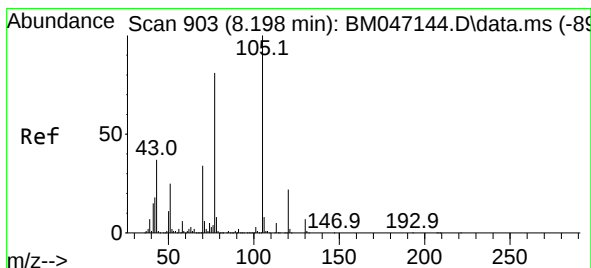
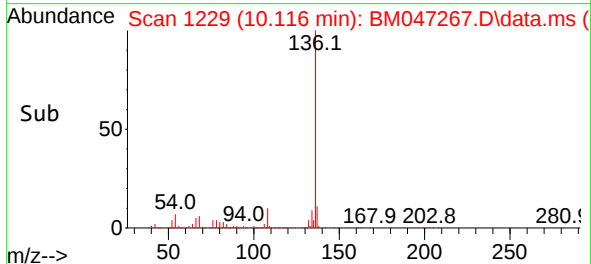
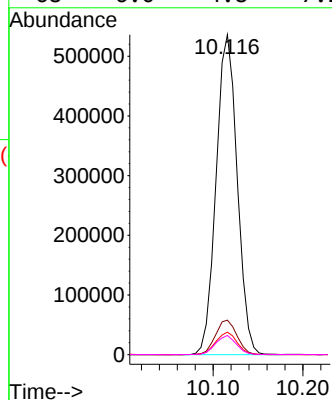
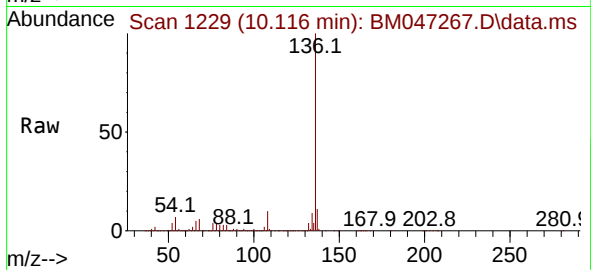




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

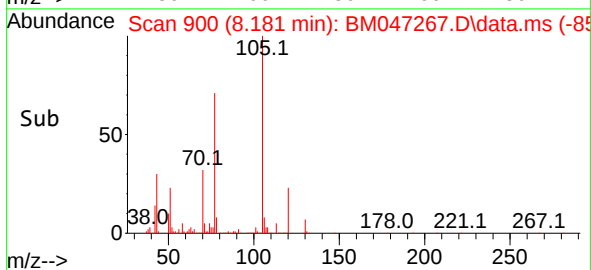
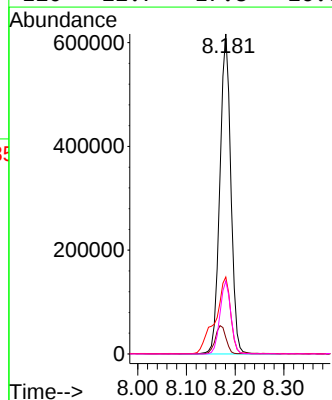
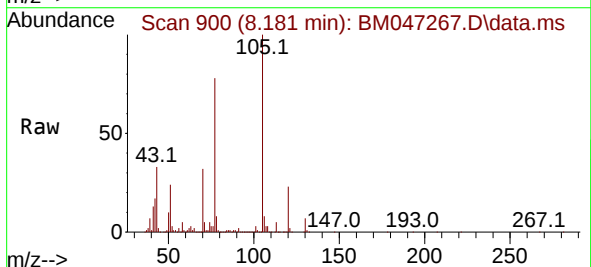
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:	136	Resp:	875032
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	6.0	9.0
68	6.0	4.8	7.2



#22
Acetophenone
Concen: 45.660 ng
RT: 8.181 min Scan# 900
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:	105	Resp:	964415
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.5	6.7
51	24.0	20.1	30.1
120	22.7	17.8	26.6

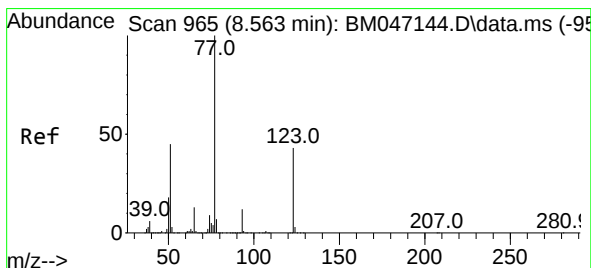
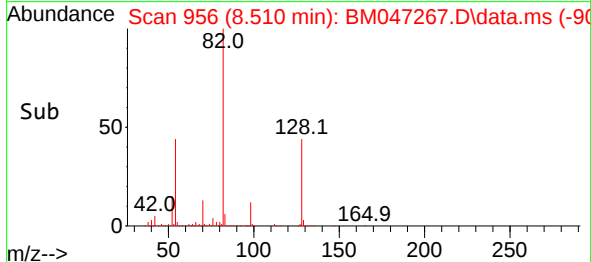
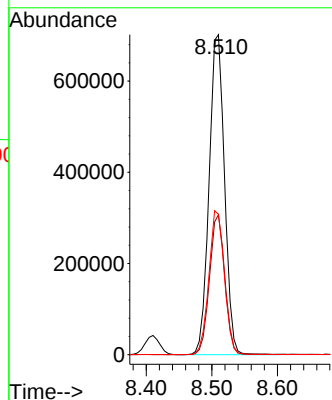
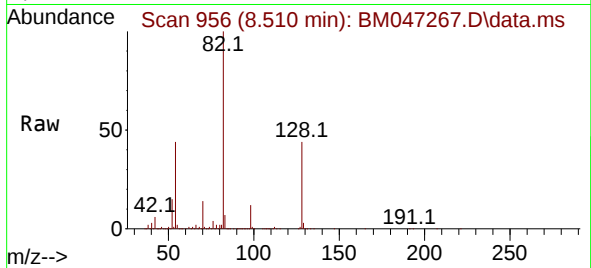




#23
Nitrobenzene-d5
Concen: 66.090 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

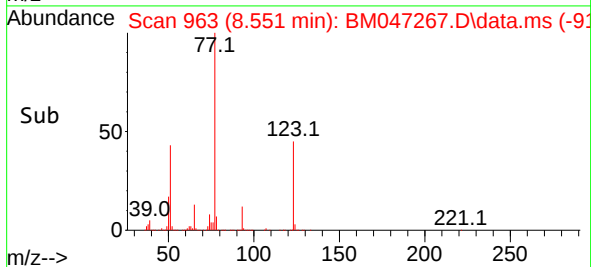
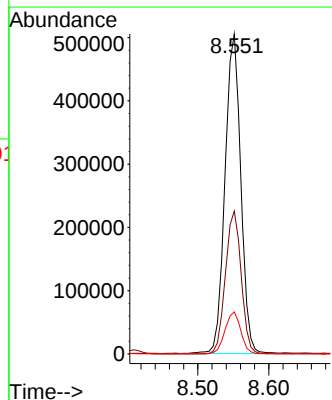
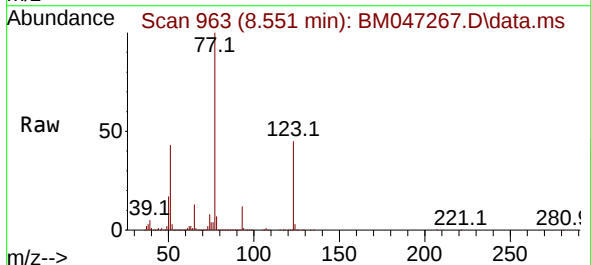
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

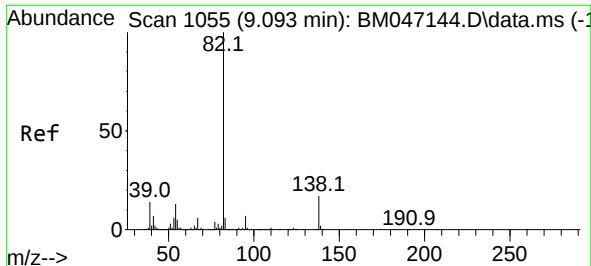
Tgt Ion: 82 Resp: 1148497
Ion Ratio Lower Upper
82 100
128 43.8 32.3 48.5
54 43.9 37.4 56.2



#24
Nitrobenzene
Concen: 44.358 ng
RT: 8.551 min Scan# 963
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion: 77 Resp: 776210
Ion Ratio Lower Upper
77 100
123 44.6 34.0 51.0
65 13.1 10.5 15.7





#25

Isophorone

Concen: 47.964 ng

RT: 9.075 min Scan# 1052

Delta R.T. -0.018 min

Lab File: BM047267.D

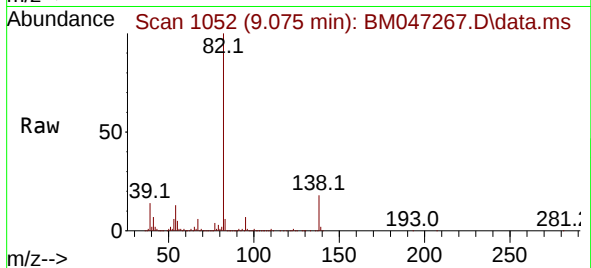
Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



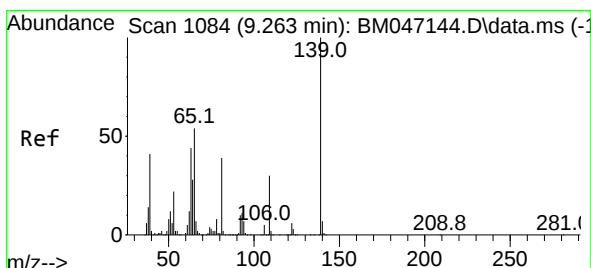
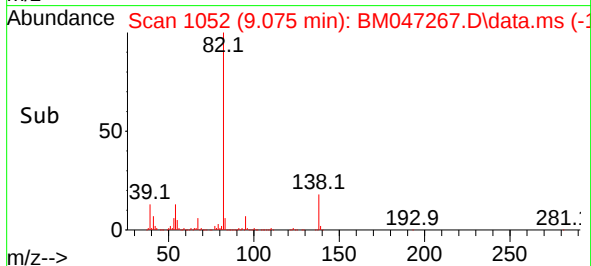
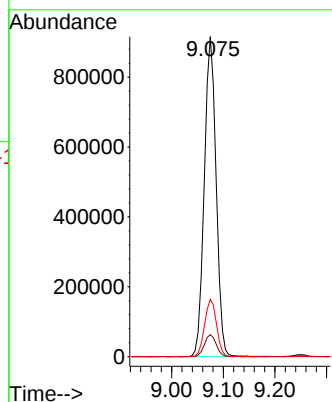
Tgt Ion: 82 Resp: 1451265

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.9 13.5 20.3



#26

2-Nitrophenol

Concen: 52.737 ng

RT: 9.251 min Scan# 1082

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

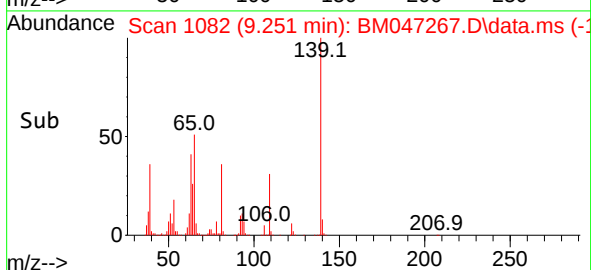
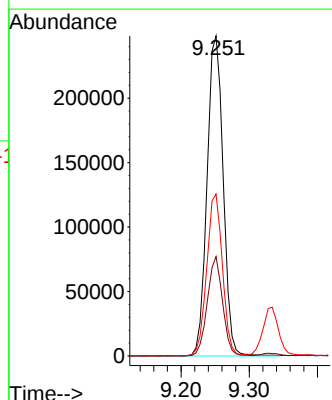
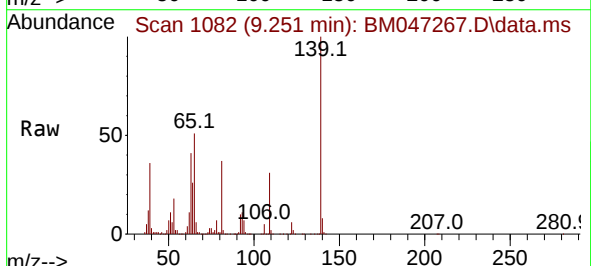
Tgt Ion:139 Resp: 408687

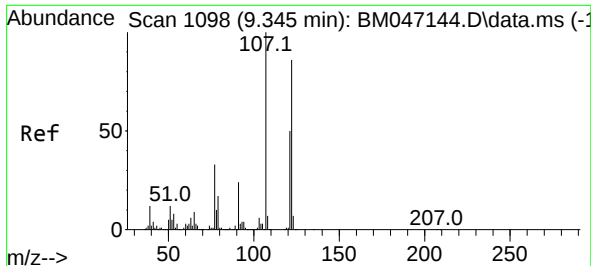
Ion Ratio Lower Upper

139 100

109 31.0 24.4 36.6

65 50.6 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 64.362 ng

RT: 9.334 min Scan# 1096

Delta R.T. -0.012 min

Lab File: BM047267.D

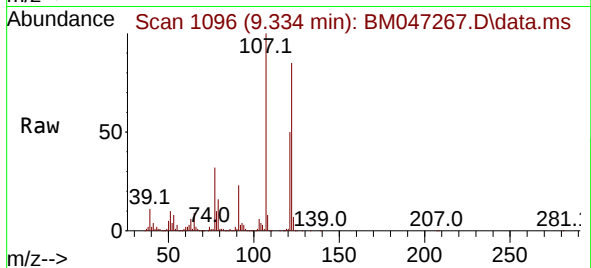
Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



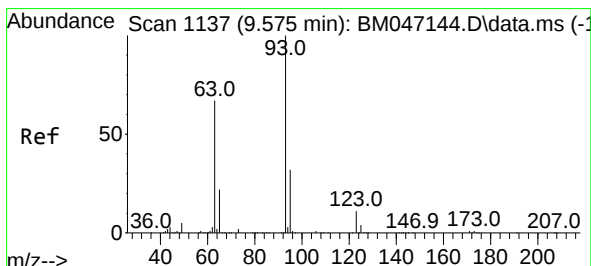
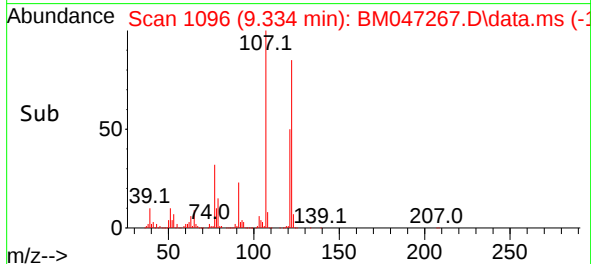
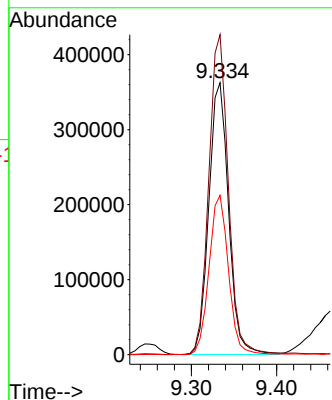
Tgt Ion:122 Resp: 584255

Ion Ratio Lower Upper

122 100

107 117.6 92.8 139.2

121 58.6 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 46.894 ng

RT: 9.557 min Scan# 1134

Delta R.T. -0.018 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

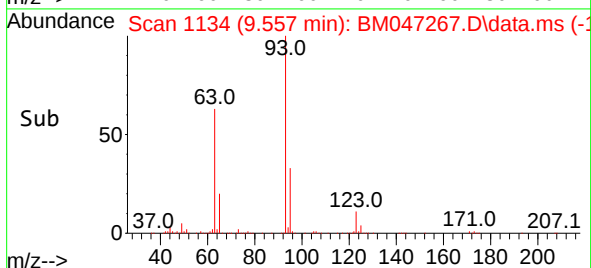
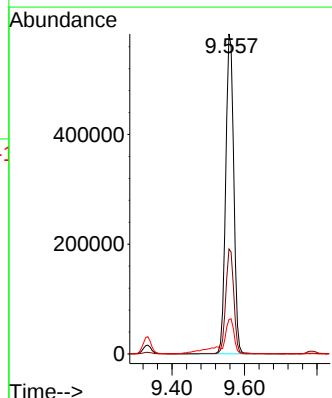
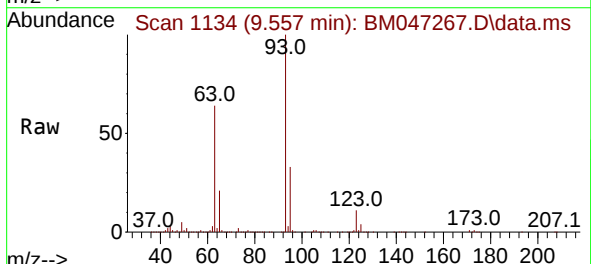
Tgt Ion: 93 Resp: 892816

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 10.8 9.0 13.4



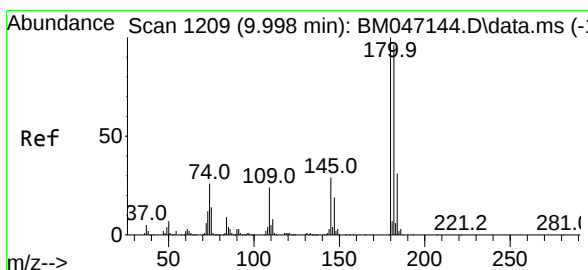
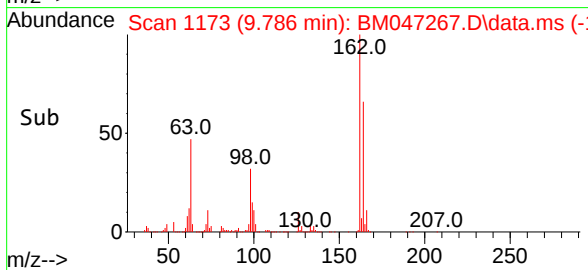
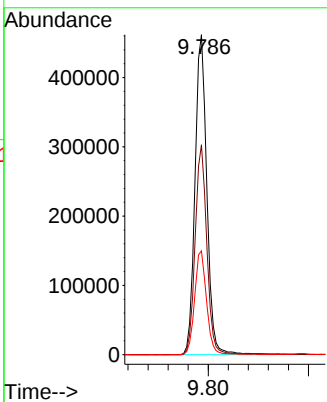
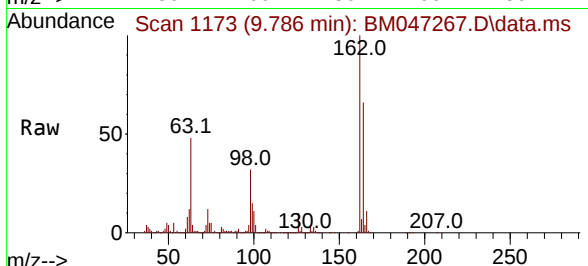


#29
2,4-Dichlorophenol
Concen: 56.253 ng
RT: 9.786 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

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

Tgt Ion:162 Resp: 757684

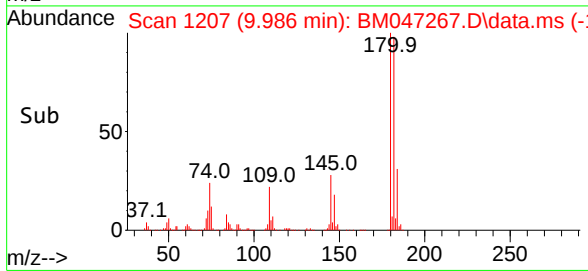
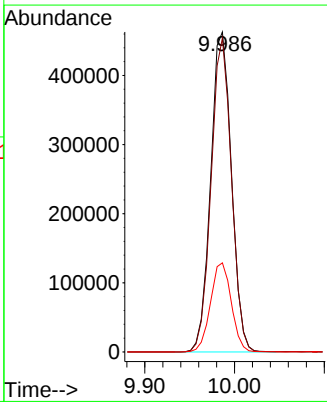
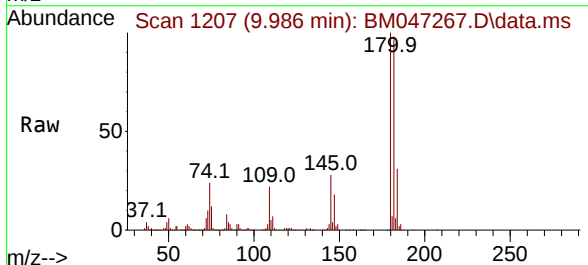
Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.7	84.7
98	32.5	14.9	54.9

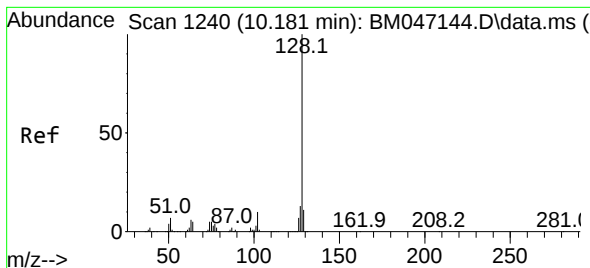


#30
1,2,4-Trichlorobenzene
Concen: 48.842 ng
RT: 9.986 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:180 Resp: 744491

Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.6	115.0
145	27.9	23.4	35.2

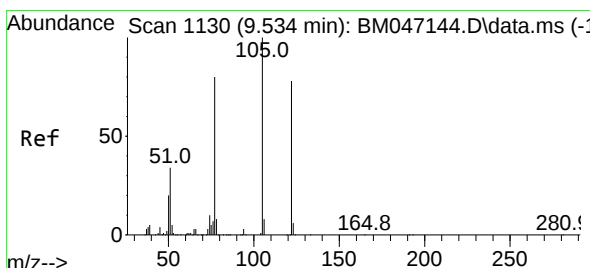
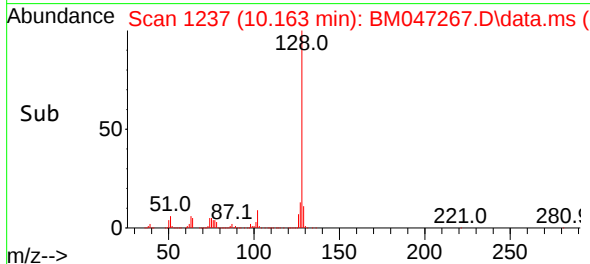
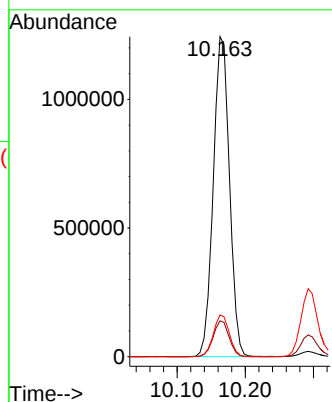
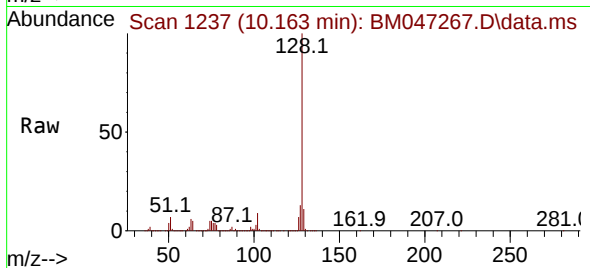




#31
Naphthalene
Concen: 47.195 ng
RT: 10.163 min Scan# 1129
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

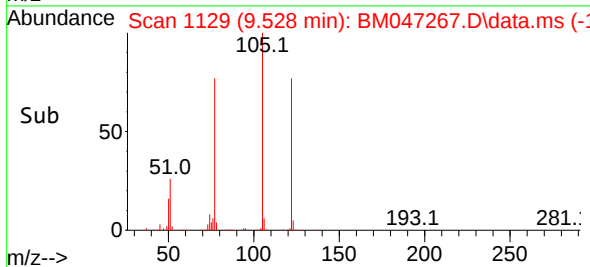
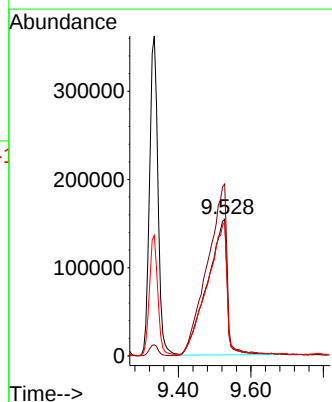
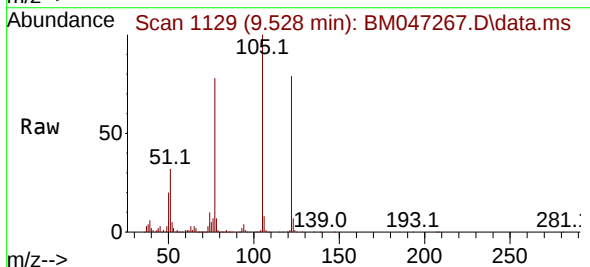
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:128 Resp: 2057259
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 55.719 ng
RT: 9.528 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:122 Resp: 587645
Ion Ratio Lower Upper
122 100
105 125.8 107.1 147.1
77 98.3 82.1 122.1





#33

4-Chloroaniline

Concen: 28.075 ng

RT: 10.292 min Scan# 1259

Delta R.T. -0.018 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

Tgt Ion:127 Resp: 470621

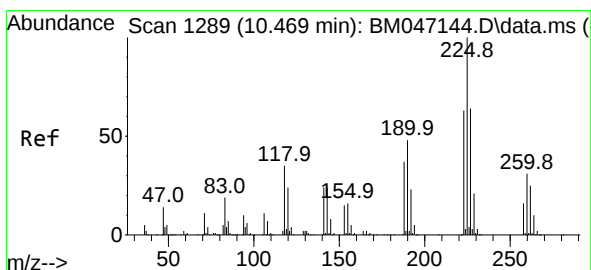
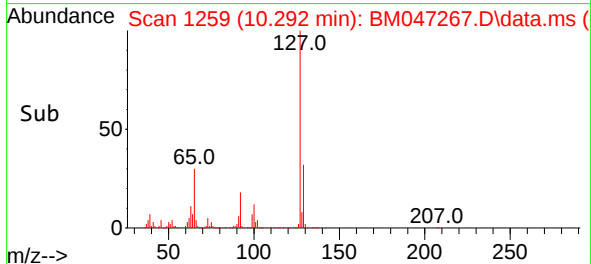
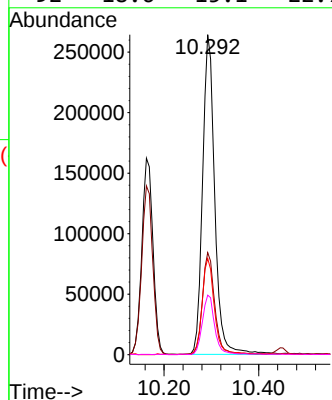
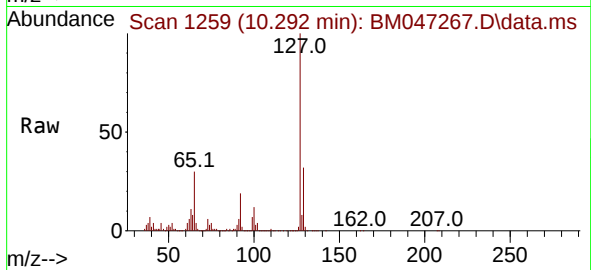
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 30.1 24.9 37.3

92 18.6 15.1 22.7



#34

Hexachlorobutadiene

Concen: 51.645 ng

RT: 10.445 min Scan# 1285

Delta R.T. -0.024 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

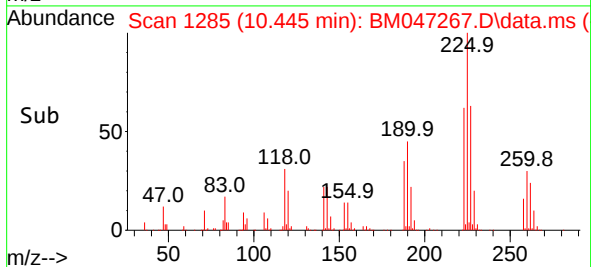
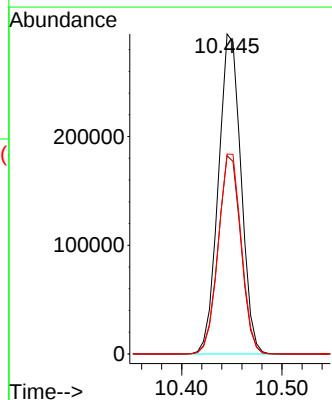
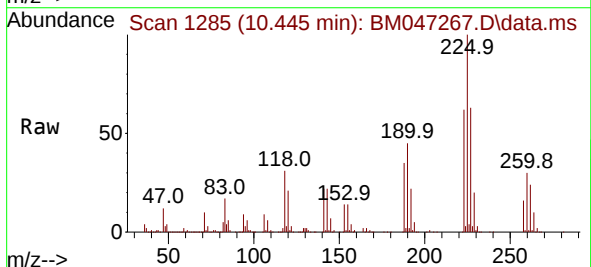
Tgt Ion:225 Resp: 460763

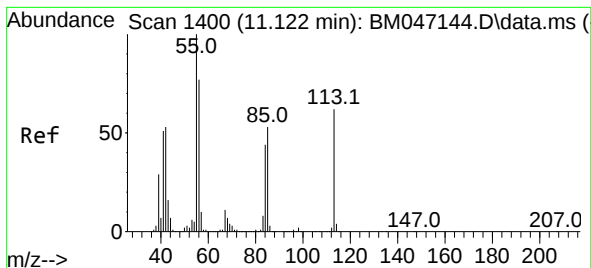
Ion Ratio Lower Upper

225 100

223 61.9 50.2 75.2

227 62.5 51.4 77.0

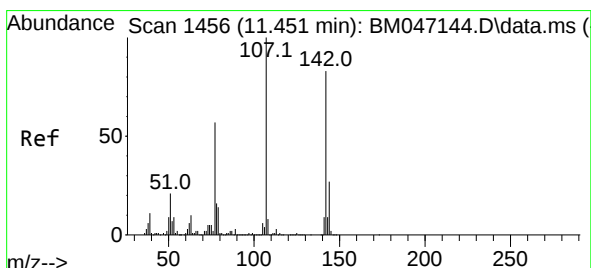
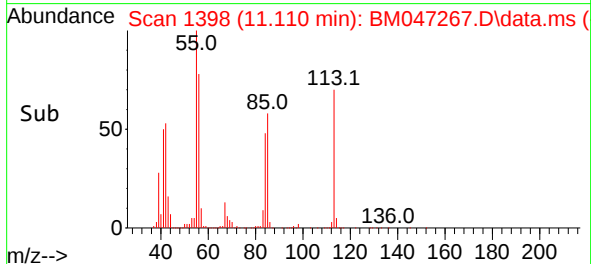
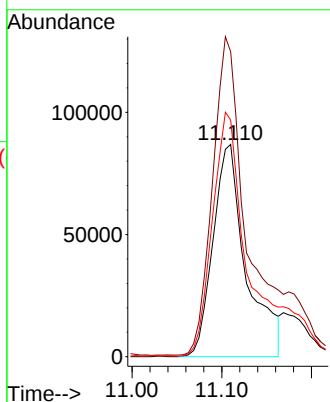
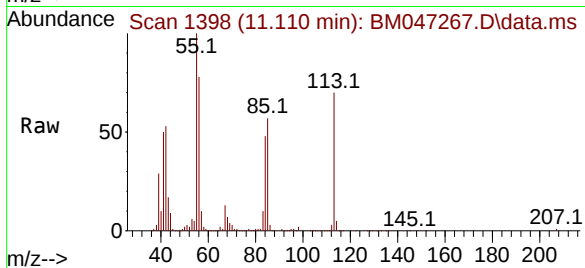




#35
Caprolactam
Concen: 47.535 ng
RT: 11.110 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

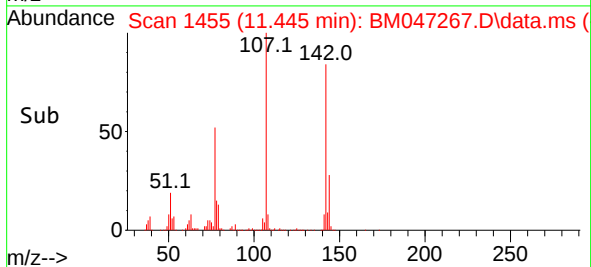
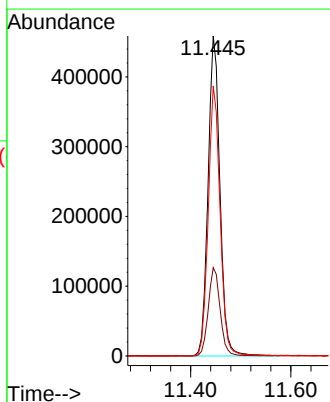
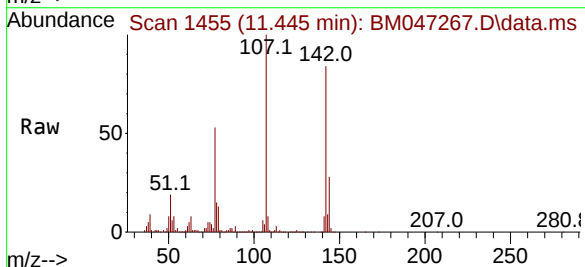
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

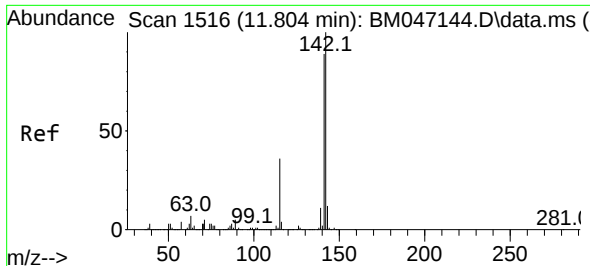
Tgt Ion:113 Resp: 222348
Ion Ratio Lower Upper
113 100
55 143.6 140.5 180.5
56 111.5 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 52.609 ng
RT: 11.445 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:107 Resp: 754649
Ion Ratio Lower Upper
107 100
144 27.6 21.8 32.6
142 84.4 66.8 100.2

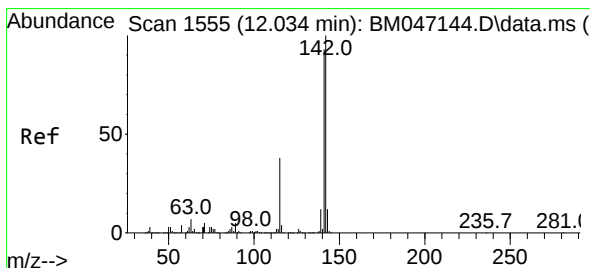
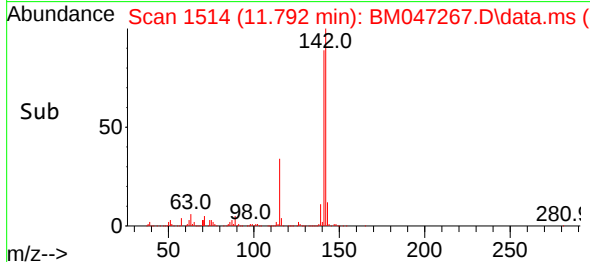
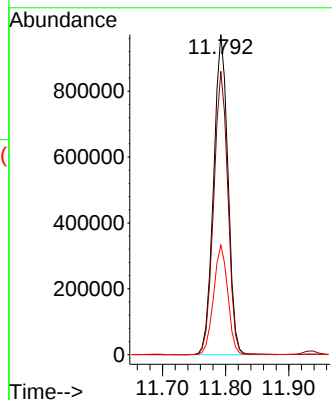
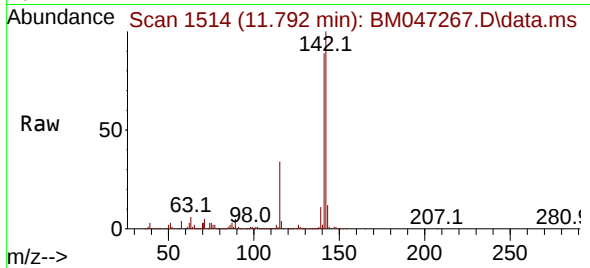




#37
2-Methylnaphthalene
Concen: 49.320 ng
RT: 11.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

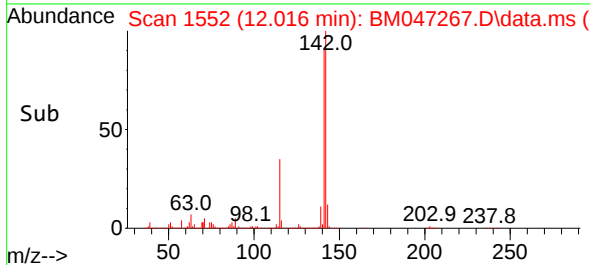
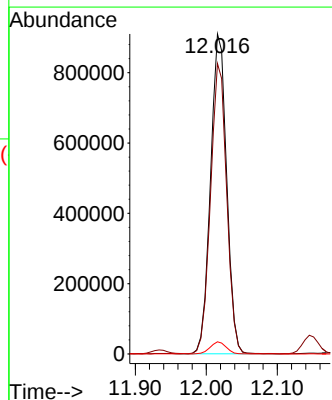
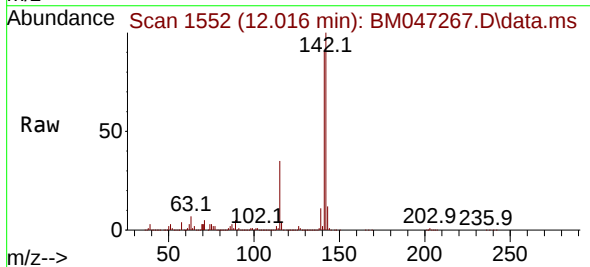
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:142 Resp: 1530740
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3
115 34.3 28.7 43.1



#38
1-Methylnaphthalene
Concen: 46.753 ng
RT: 12.016 min Scan# 1552
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:142 Resp: 1434100
Ion Ratio Lower Upper
142 100
141 90.8 74.6 111.8
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.021 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

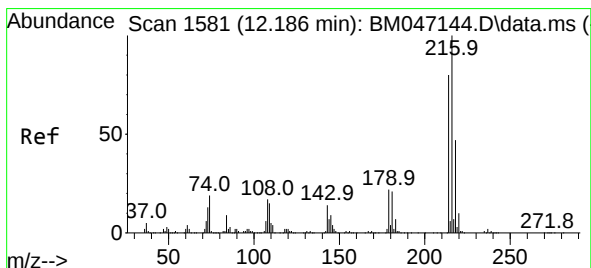
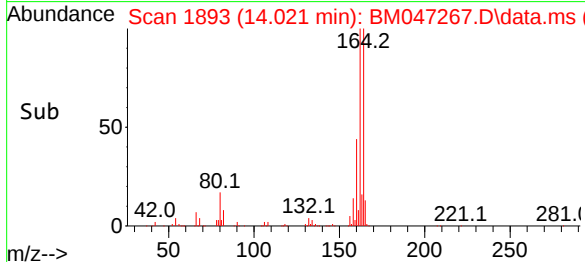
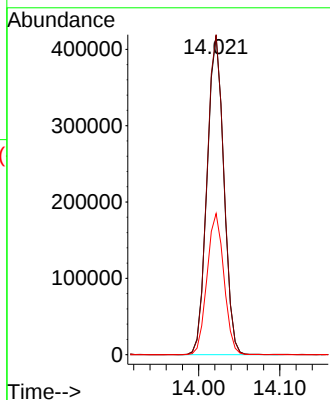
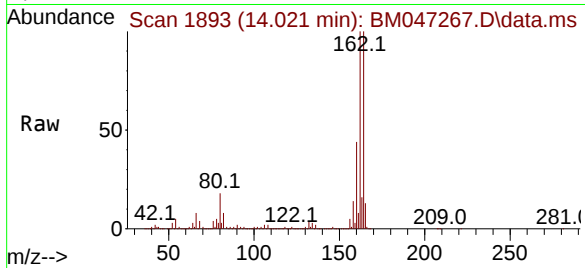
Tgt Ion:164 Resp: 598415

Ion Ratio Lower Upper

164 100

162 100.4 80.7 121.1

160 44.3 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.832 ng

RT: 12.175 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Tgt Ion:216 Resp: 846011

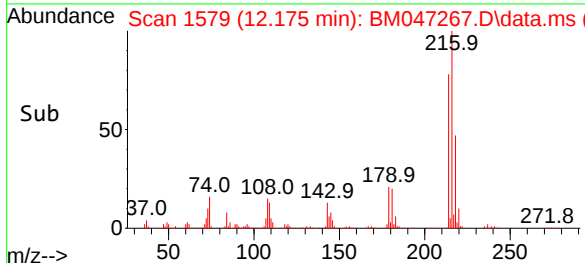
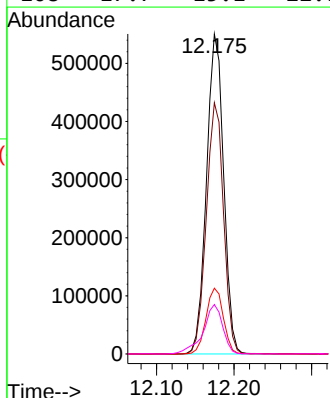
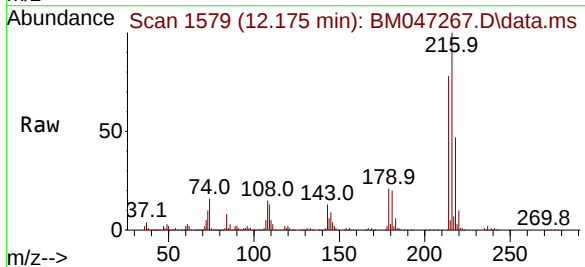
Ion Ratio Lower Upper

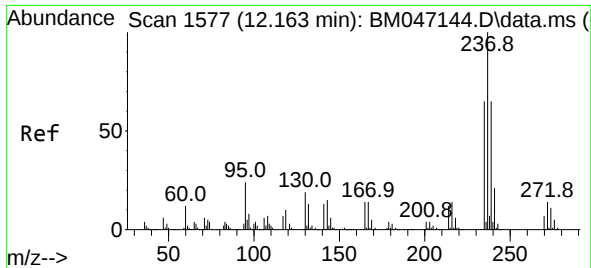
216 100

214 78.9 63.4 95.2

179 20.8 17.6 26.4

108 17.7 15.1 22.7

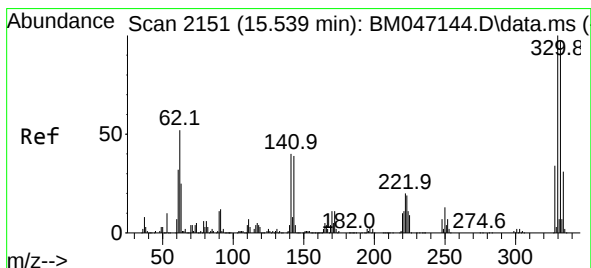
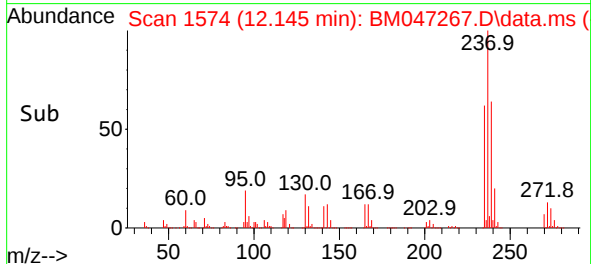
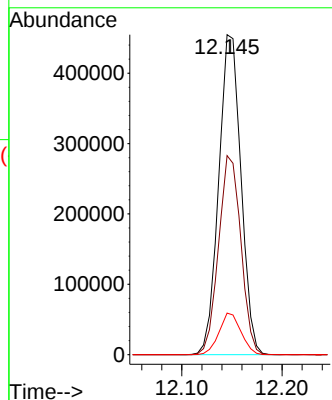
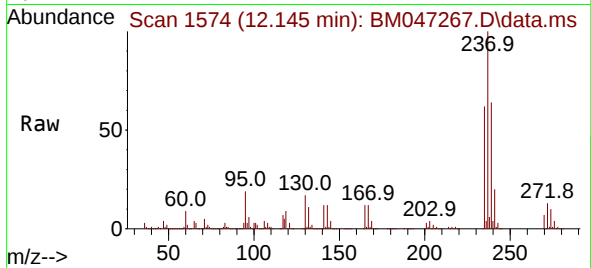




#41
Hexachlorocyclopentadiene
Concen: 122.799 ng
RT: 12.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

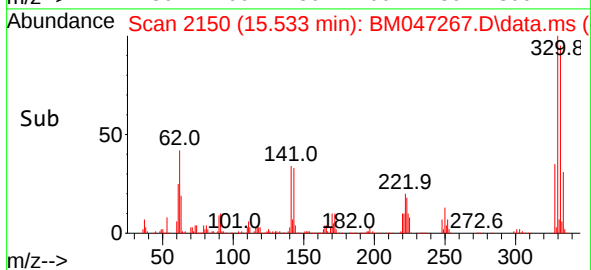
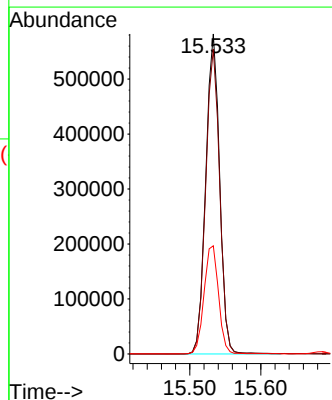
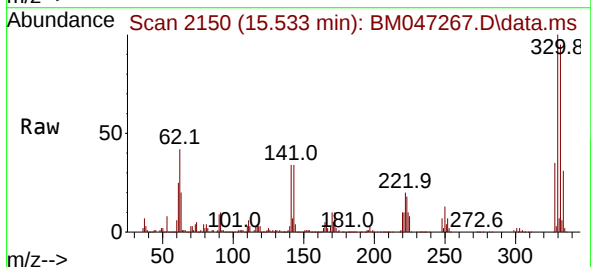
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:237 Resp: 699885
Ion Ratio Lower Upper
237 100
235 62.2 44.8 84.8
272 13.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 114.133 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

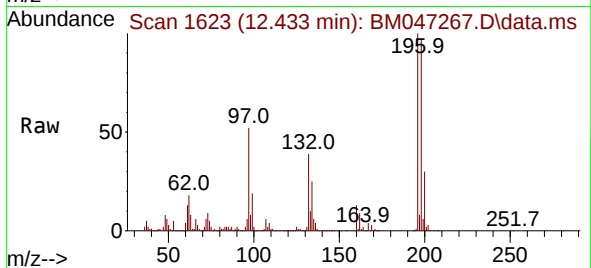
Tgt Ion:330 Resp: 791934
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 35.4 31.6 47.4



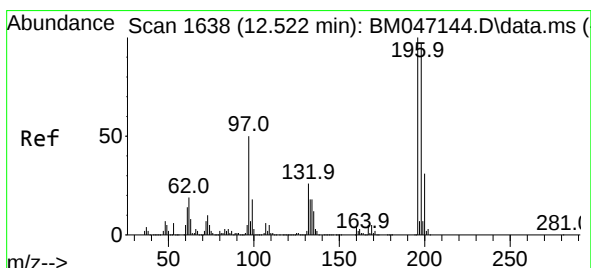
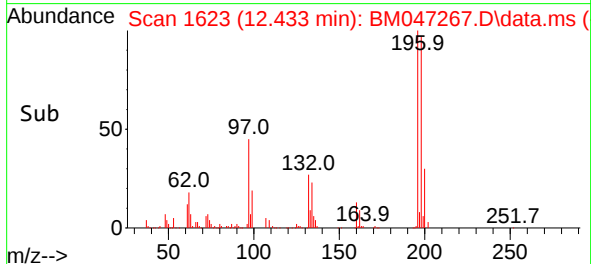
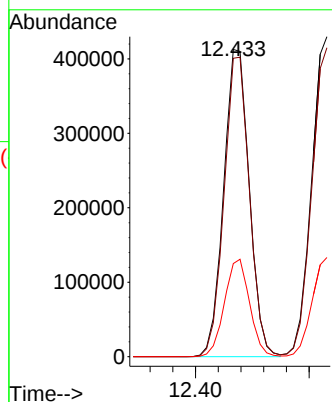


#43
2,4,6-Trichlorophenol
Concen: 55.629 ng
RT: 12.433 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

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

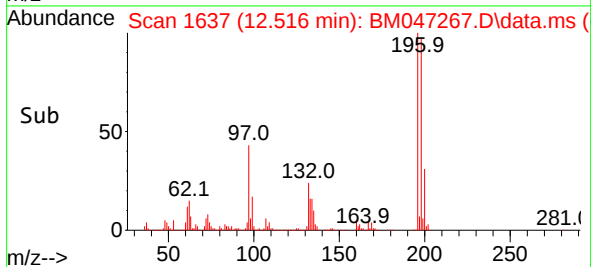
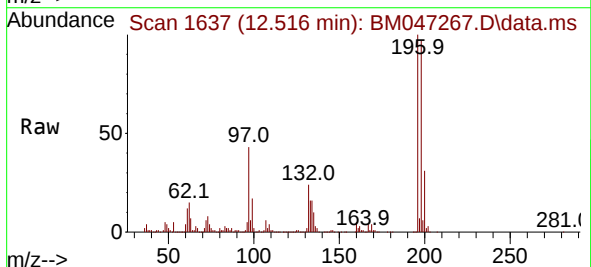
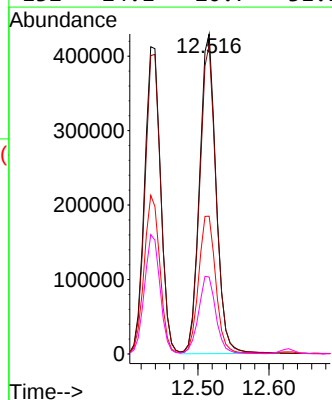


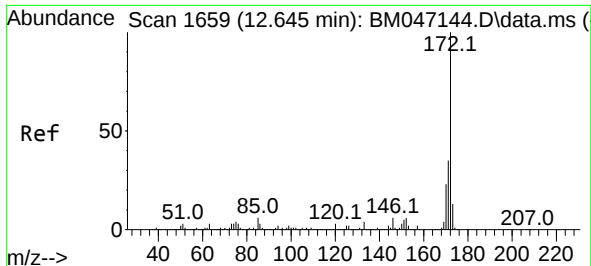
Tgt Ion:196 Resp: 645362
Ion Ratio Lower Upper
196 100
198 97.1 75.6 113.4
200 30.3 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 53.987 ng
RT: 12.516 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:196 Resp: 695398
Ion Ratio Lower Upper
196 100
198 96.6 77.7 116.5
97 43.0 39.8 59.8
132 24.1 20.7 31.1

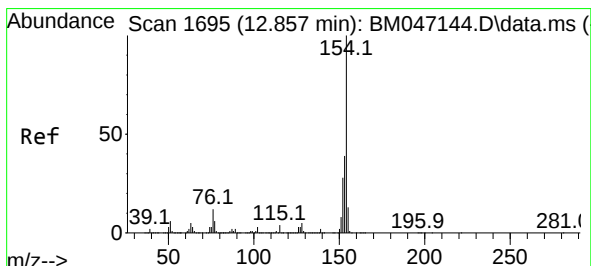
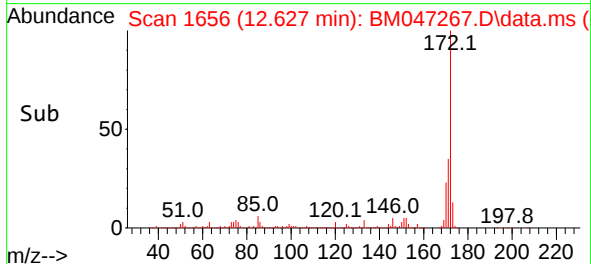
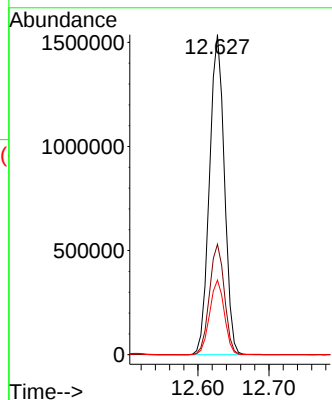
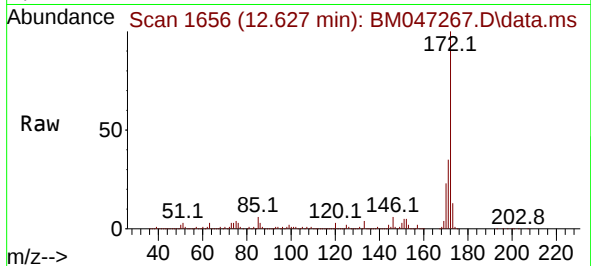




#45
2-Fluorobiphenyl
Concen: 57.811 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

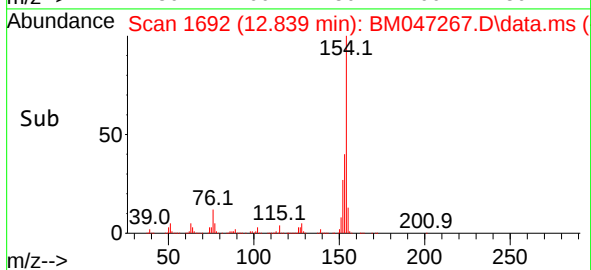
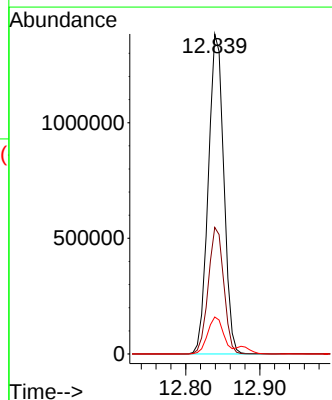
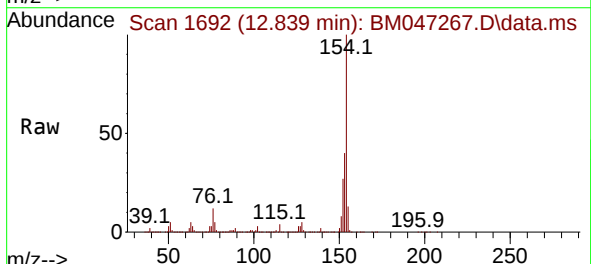
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

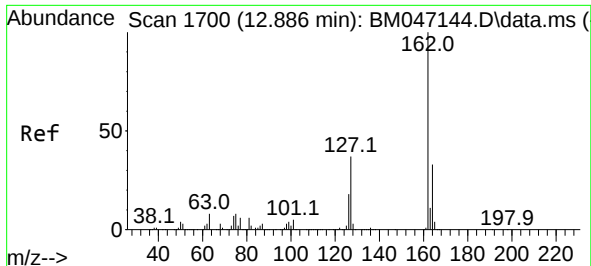
Tgt Ion:172 Resp: 2242759
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.053 ng
RT: 12.839 min Scan# 1692
Delta R.T. -0.018 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:154 Resp: 2004544
Ion Ratio Lower Upper
154 100
153 39.5 19.0 59.0
76 11.5 0.0 31.9

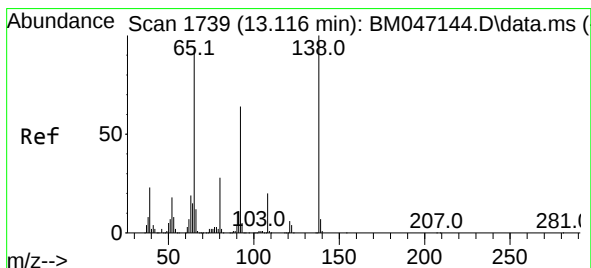
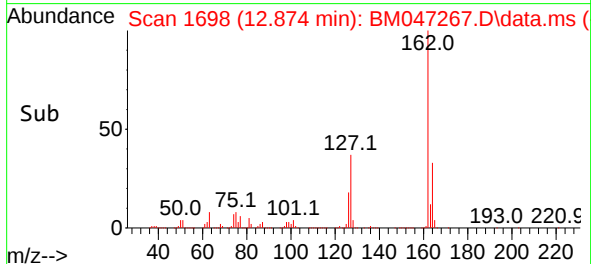
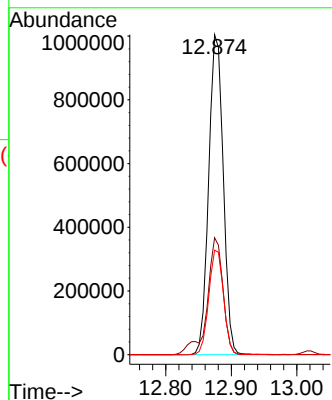
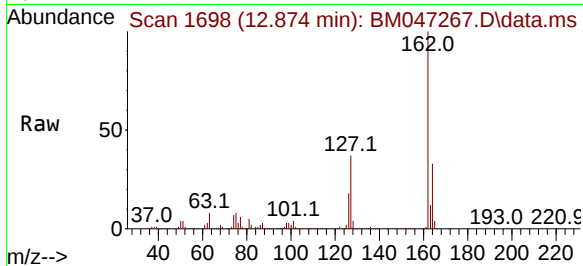




#47
2-Chloronaphthalene
Concen: 46.666 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

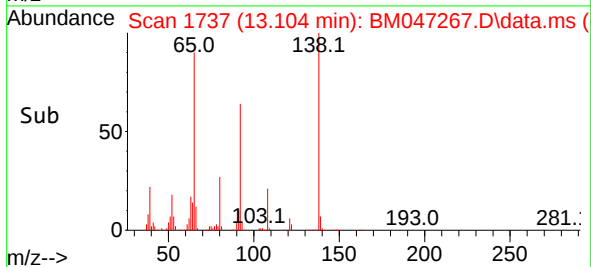
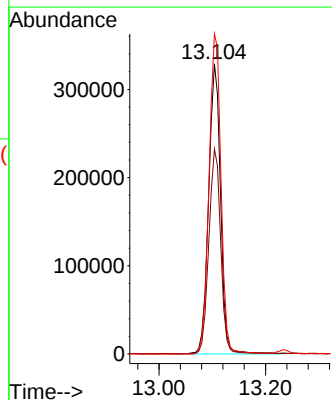
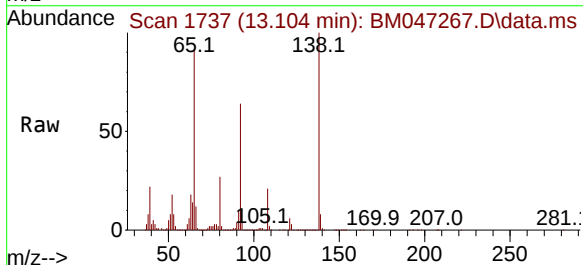
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

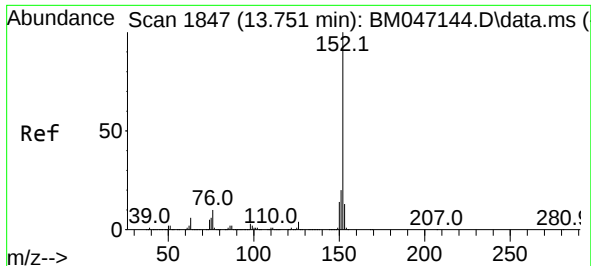
Tgt Ion:162 Resp: 1553891
Ion Ratio Lower Upper
162 100
127 36.6 30.0 45.0
164 32.6 26.3 39.5



#48
2-Nitroaniline
Concen: 48.962 ng
RT: 13.104 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion: 65 Resp: 510758
Ion Ratio Lower Upper
65 100
92 70.7 55.1 82.7
138 110.3 85.9 128.9

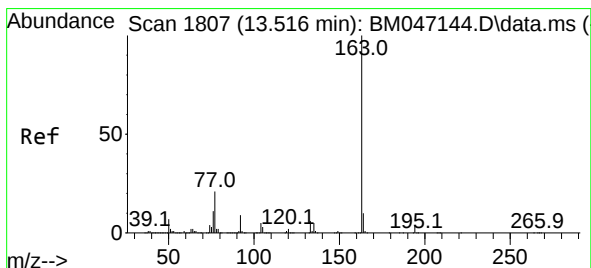
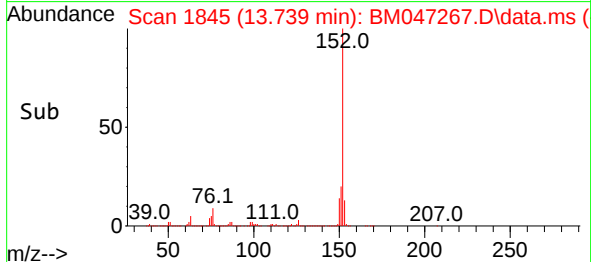
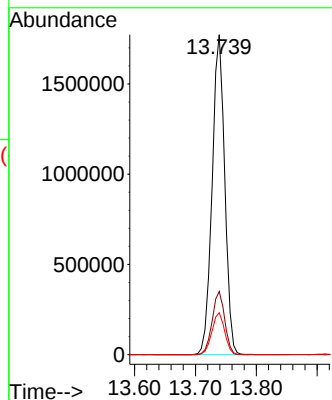
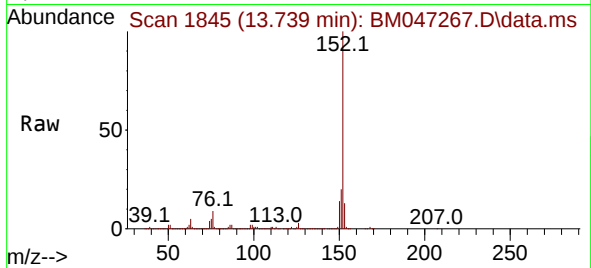




#49
Acenaphthylene
Concen: 51.835 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

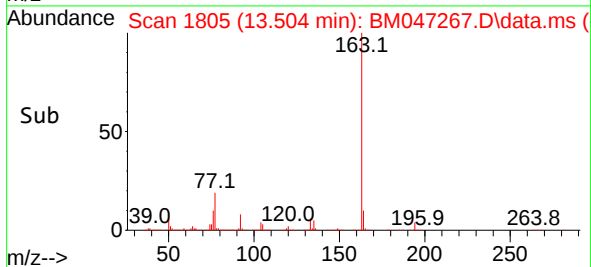
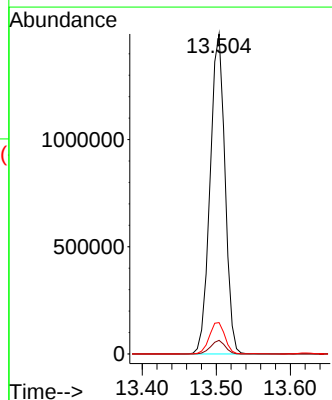
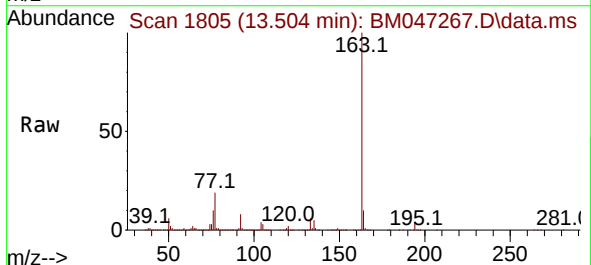
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

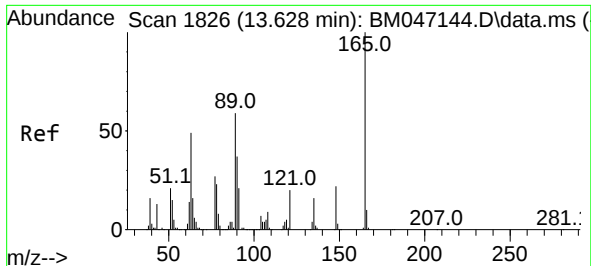
Tgt Ion:152 Resp: 2544166
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 49.856 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:163 Resp: 2083674
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.8 8.0 12.0

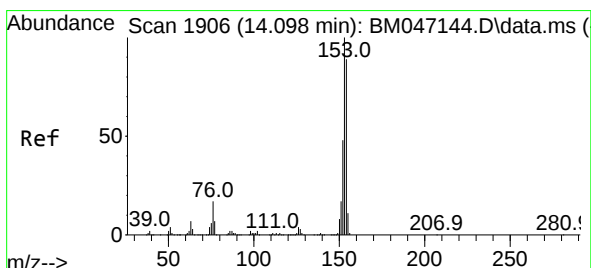
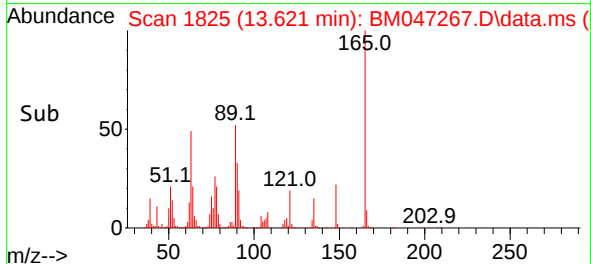
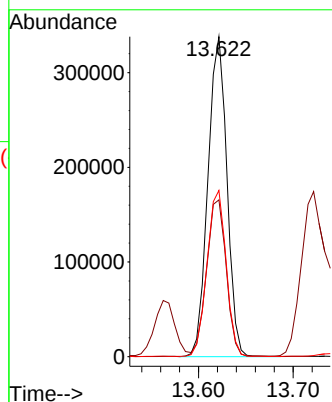
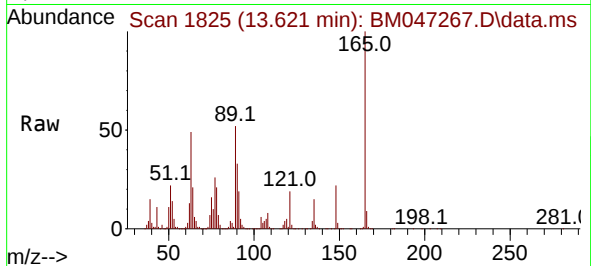




#51
2,6-Dinitrotoluene
Concen: 48.310 ng
RT: 13.621 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

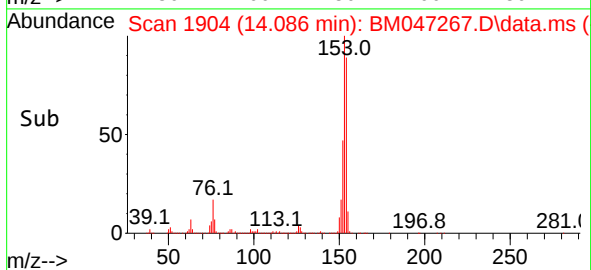
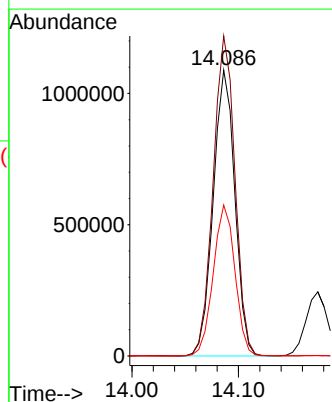
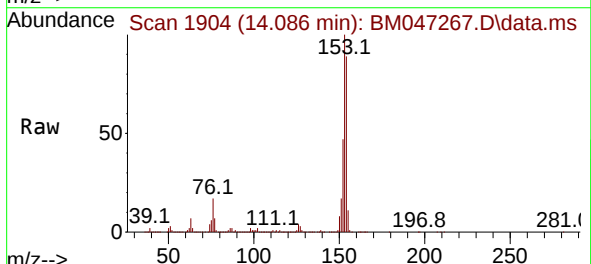
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

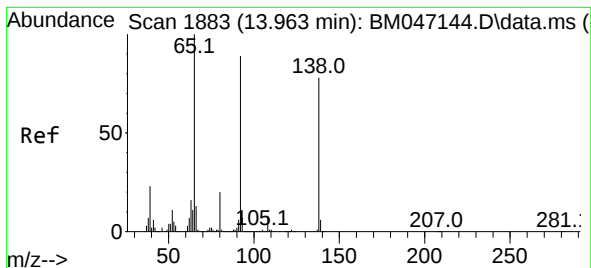
Tgt Ion:165 Resp: 471984
Ion Ratio Lower Upper
165 100
63 49.0 46.5 69.7
89 52.0 47.3 70.9



#52
Acenaphthene
Concen: 49.398 ng
RT: 14.086 min Scan# 1904
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:154 Resp: 1537980
Ion Ratio Lower Upper
154 100
153 111.9 90.3 135.5
152 52.8 42.9 64.3

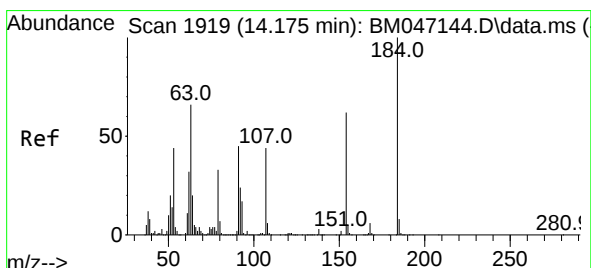
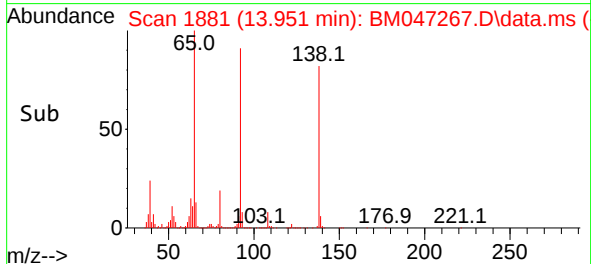
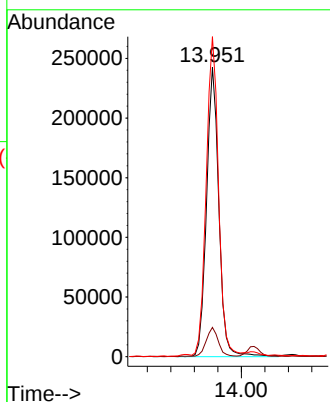
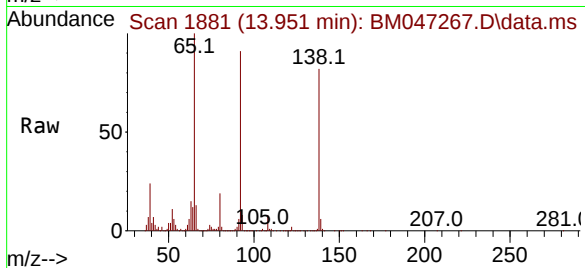




#53
3-Nitroaniline
Concen: 35.993 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

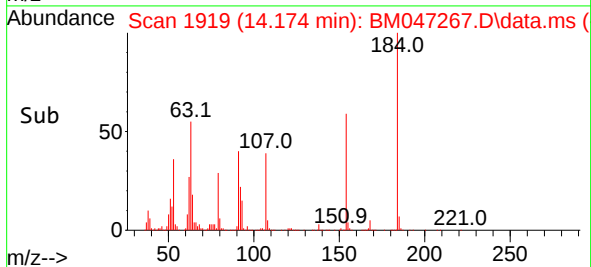
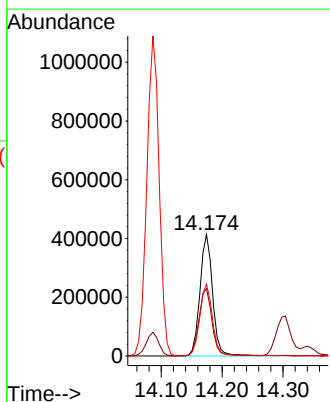
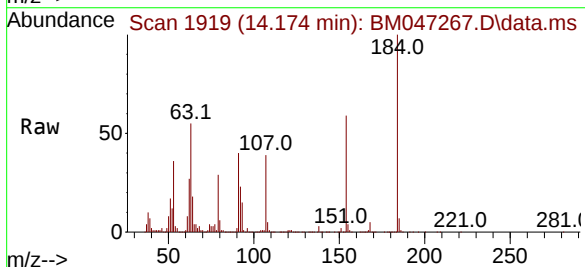
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

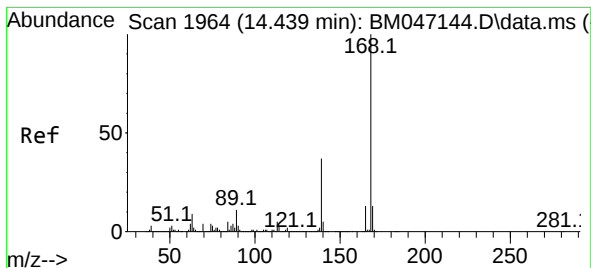
Tgt Ion:138 Resp: 352365
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 110.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 102.338 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:184 Resp: 599241
Ion Ratio Lower Upper
184 100
63 55.3 52.7 79.1
154 59.1 50.4 75.6

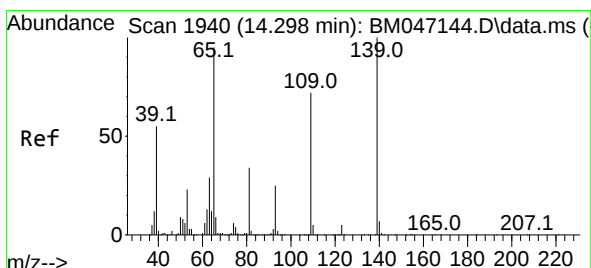
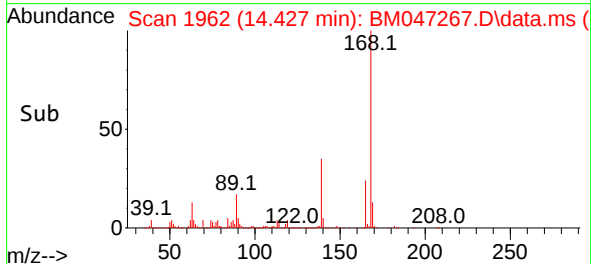
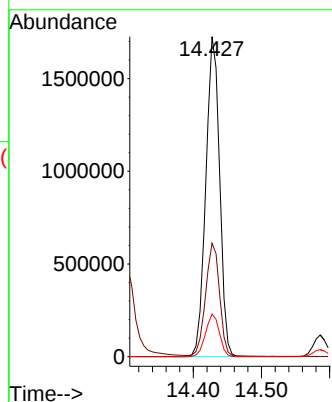
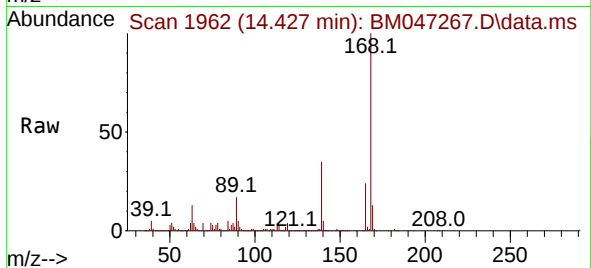




#55
Dibenzenofuran
Concen: 49.524 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

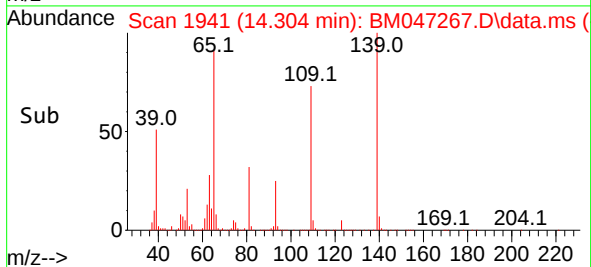
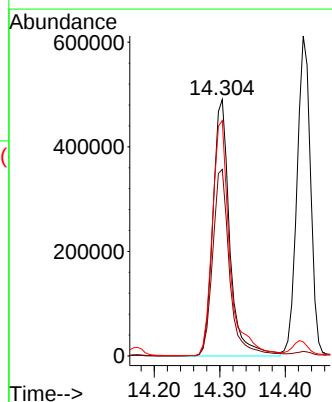
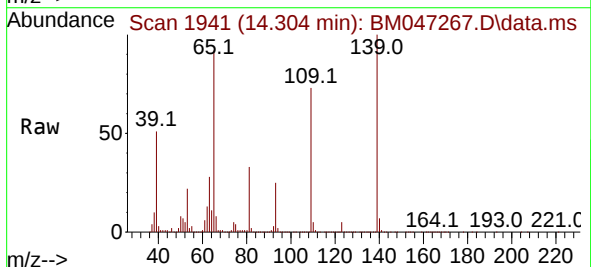
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

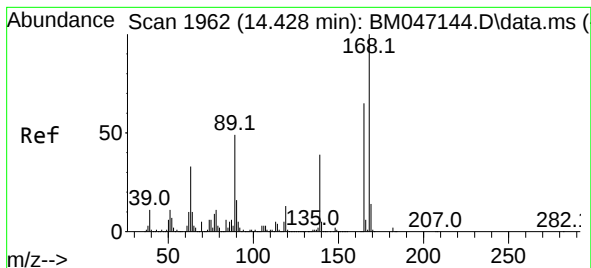
Tgt Ion:168 Resp: 2435484
Ion Ratio Lower Upper
168 100
139 35.5 29.6 44.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 103.199 ng
RT: 14.304 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:139 Resp: 871185
Ion Ratio Lower Upper
139 100
109 72.7 52.5 92.5
65 91.8 75.4 115.4

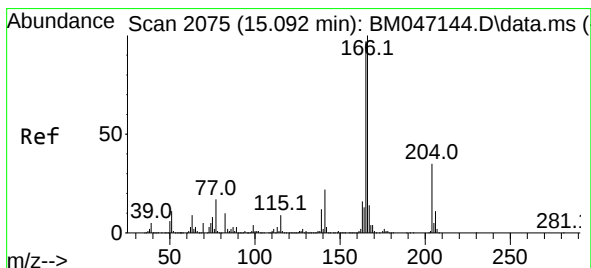
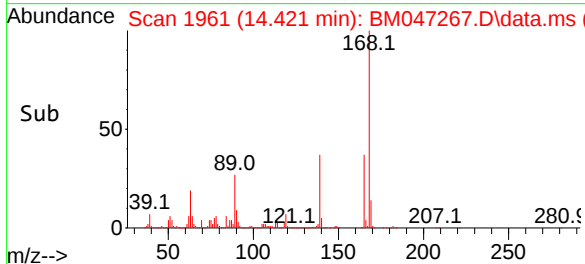
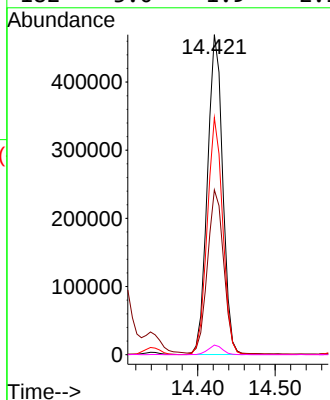
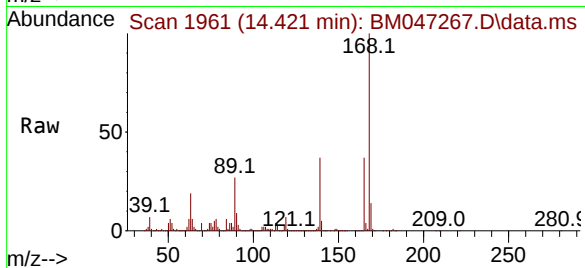




#57
2,4-Dinitrotoluene
Concen: 49.295 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

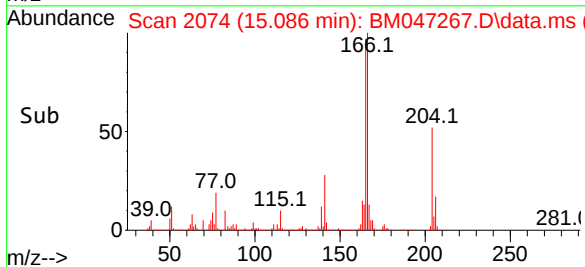
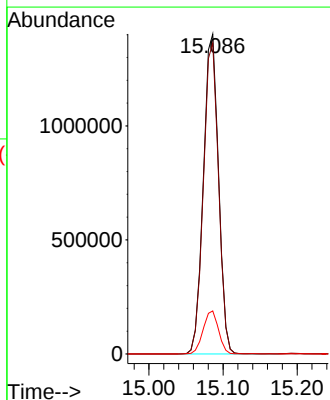
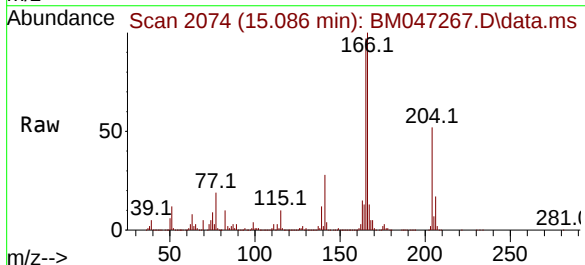
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

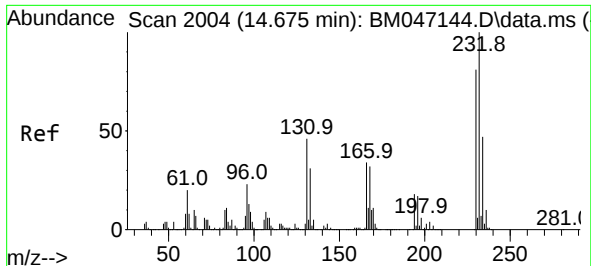
Tgt Ion:165 Resp: 642828
Ion Ratio Lower Upper
165 100
63 51.5 40.3 60.5
89 74.1 61.0 91.6
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 49.146 ng
RT: 15.086 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:166 Resp: 1994196
Ion Ratio Lower Upper
166 100
165 97.2 77.4 116.0
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.157 ng

RT: 14.668 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

Tgt Ion:232 Resp: 615666

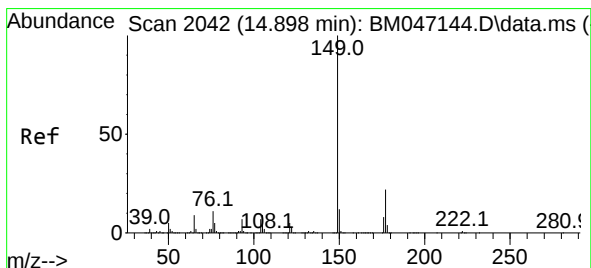
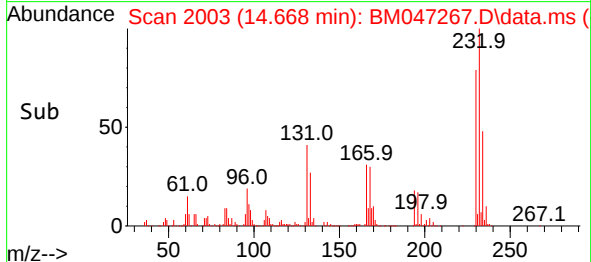
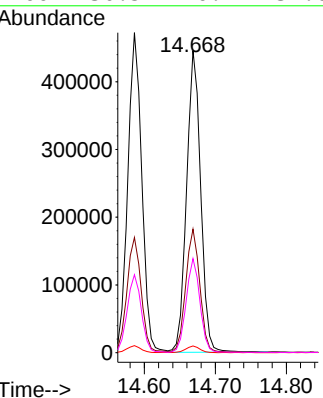
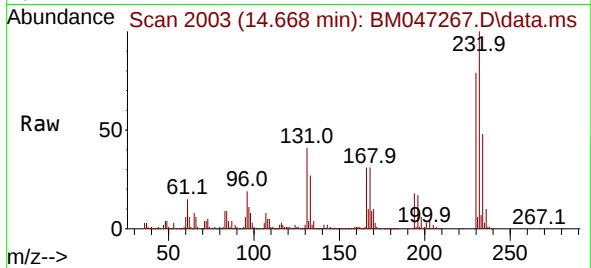
Ion Ratio Lower Upper

232 100

131 41.4 36.9 55.3

130 2.2 2.0 3.0

166 30.5 26.4 39.6



#60

Diethylphthalate

Concen: 48.865 ng

RT: 14.886 min Scan# 2040

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

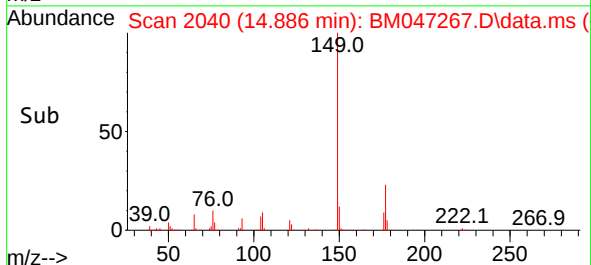
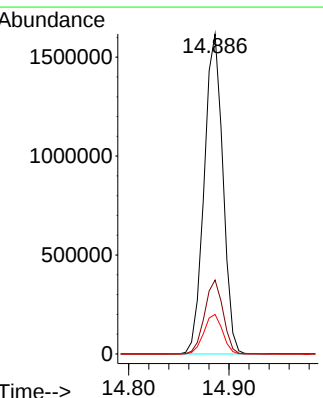
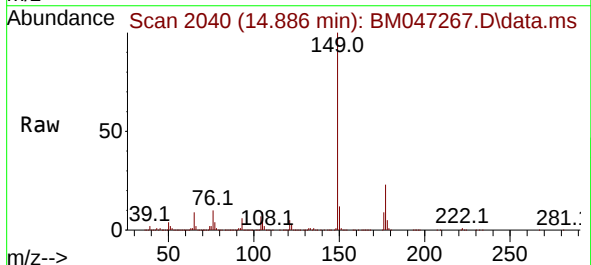
Tgt Ion:149 Resp: 2085510

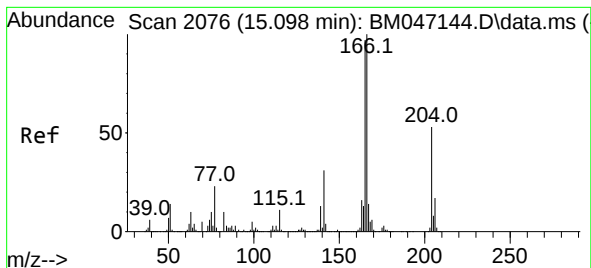
Ion Ratio Lower Upper

149 100

177 23.1 17.6 26.4

150 12.3 9.8 14.6

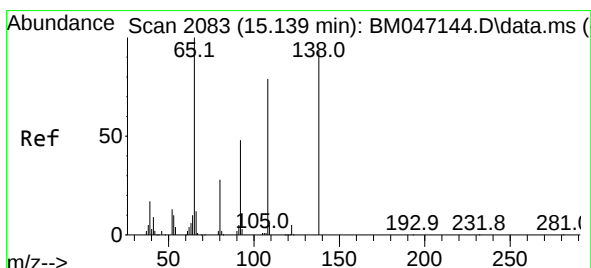
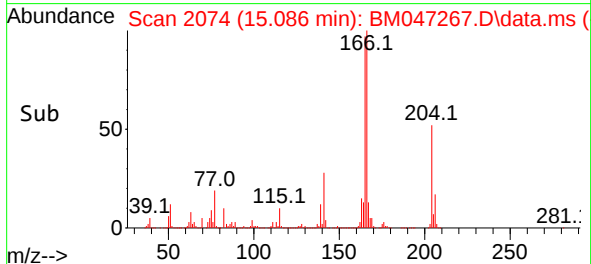
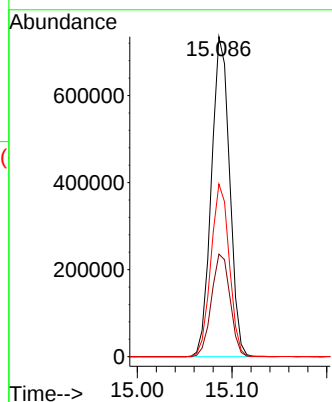
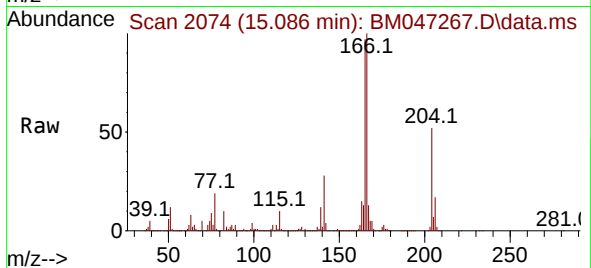




#61
4-Chlorophenyl-phenylether
Concen: 50.710 ng
RT: 15.086 min Scan# 2076
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

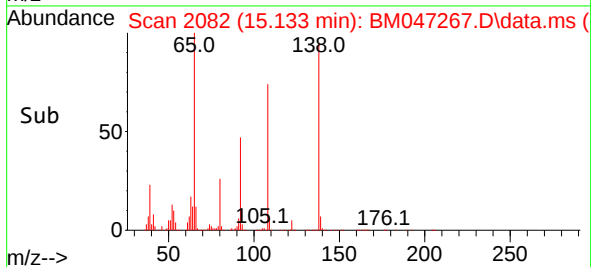
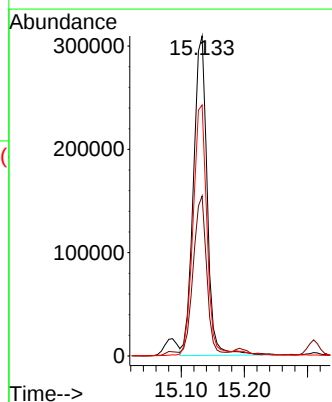
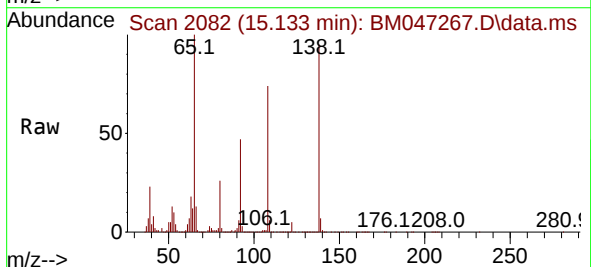
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

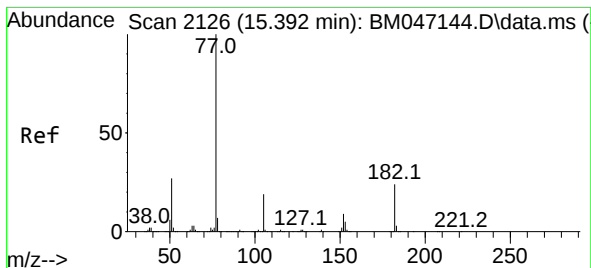
Tgt Ion:204 Resp: 979624
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 53.9 47.2 70.8



#62
4-Nitroaniline
Concen: 48.538 ng
RT: 15.133 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:138 Resp: 468127
Ion Ratio Lower Upper
138 100
92 50.0 31.9 71.9
108 78.5 63.8 103.8





#63

Azobenzene

Concen: 46.471 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

Tgt Ion: 77 Resp: 1880518

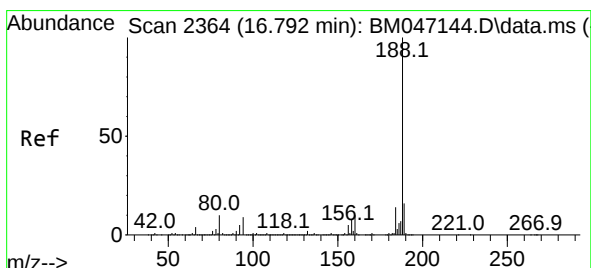
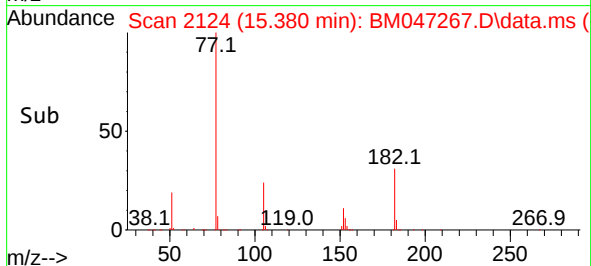
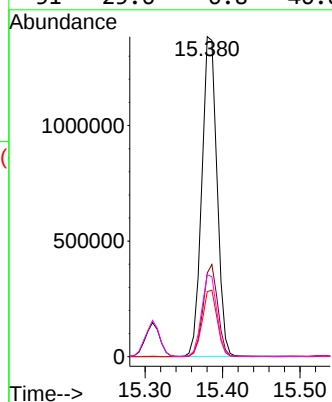
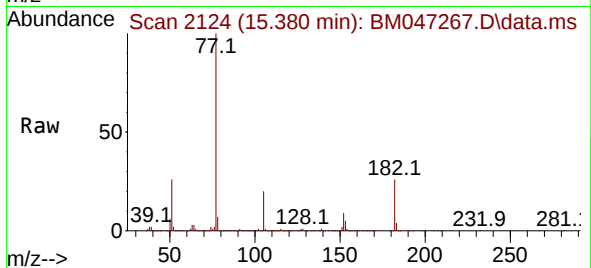
Ion Ratio Lower Upper

77 100

182 26.1 3.8 43.8

105 20.3 0.0 39.5

51 25.6 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: BM047267.D

Acq: 20 Aug 2024 12:07

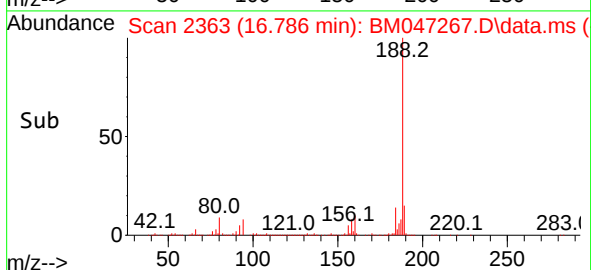
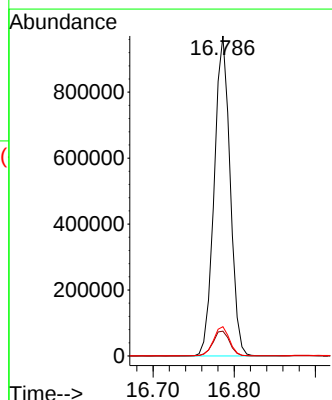
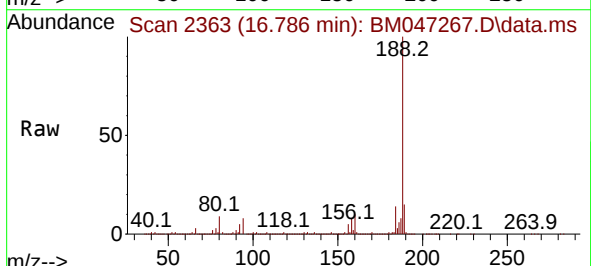
Tgt Ion:188 Resp: 1318664

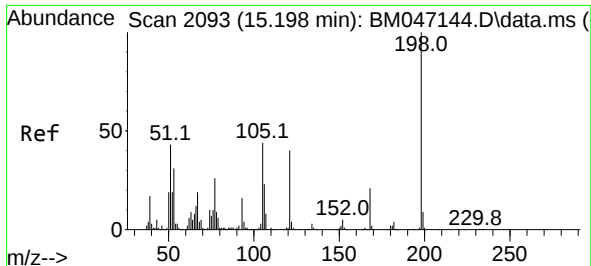
Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 9.2 8.0 12.0

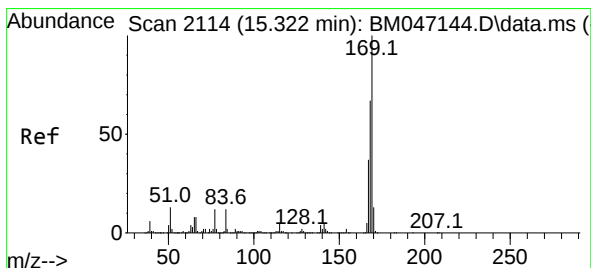
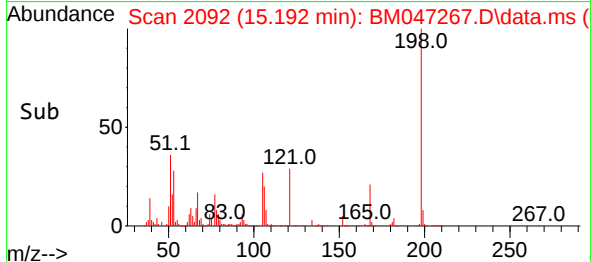
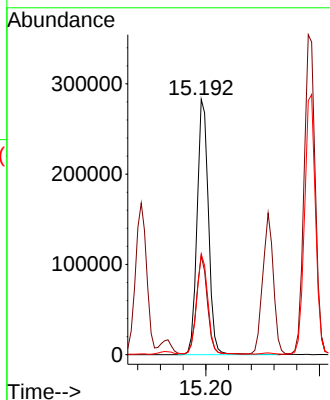
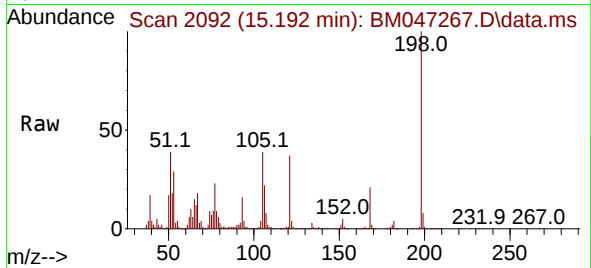




#65
4,6-Dinitro-2-methylphenol
Concen: 50.873 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

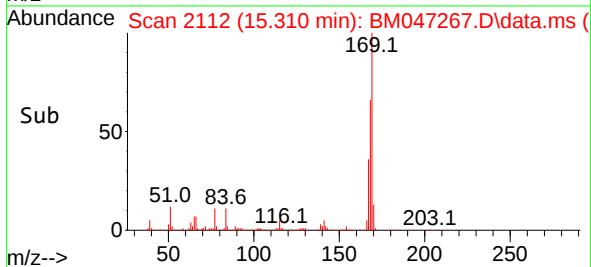
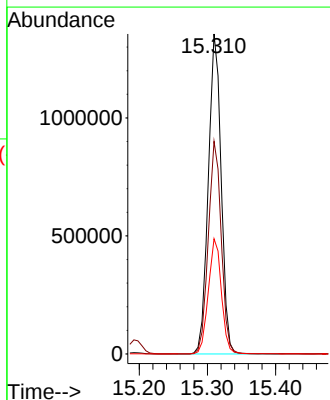
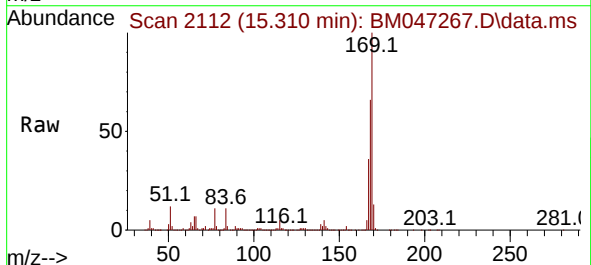
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

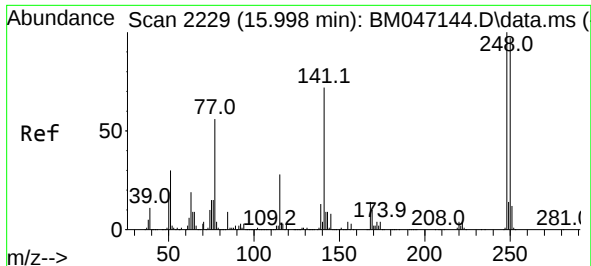
Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.7	23.9	63.9
105	39.5	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 49.497 ng
RT: 15.310 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.8	80.8
167	36.0	29.3	43.9

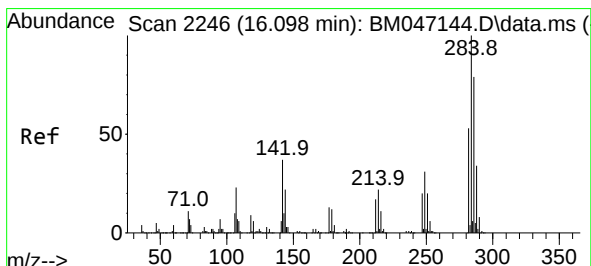
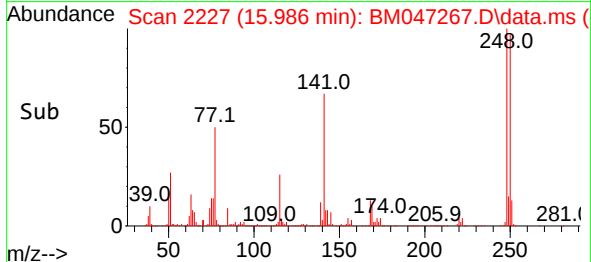
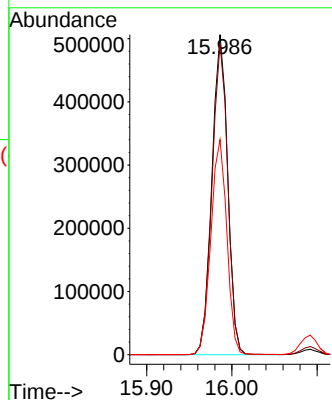
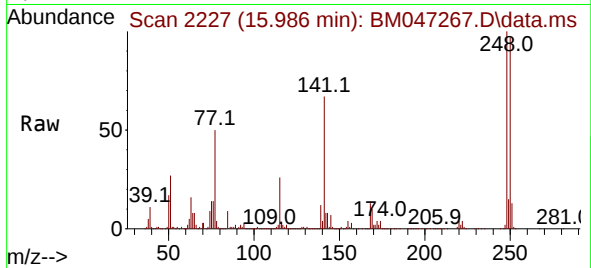




#67
4-Bromophenyl-phenylether
Concen: 51.273 ng
RT: 15.986 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

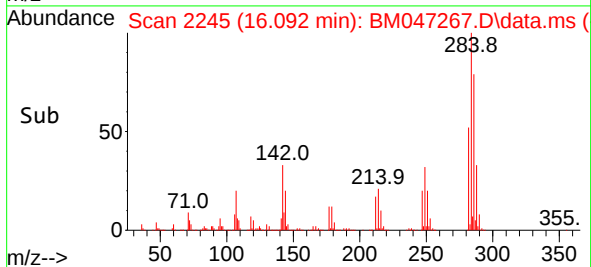
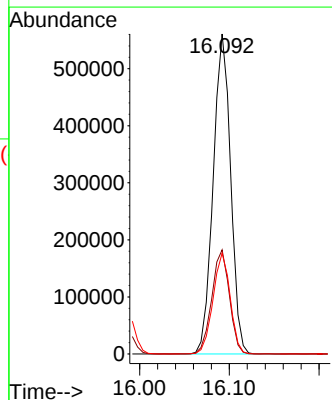
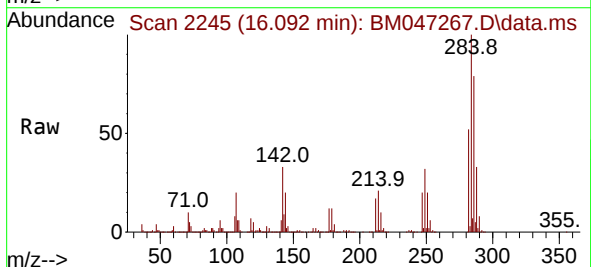
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Tgt Ion:248 Resp: 651517
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 67.2 57.7 86.5



#68
Hexachlorobenzene
Concen: 49.702 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:284 Resp: 756384
Ion Ratio Lower Upper
284 100
142 32.5 29.4 44.0
249 31.5 25.1 37.7





#69

Atrazine

Concen: 65.587 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

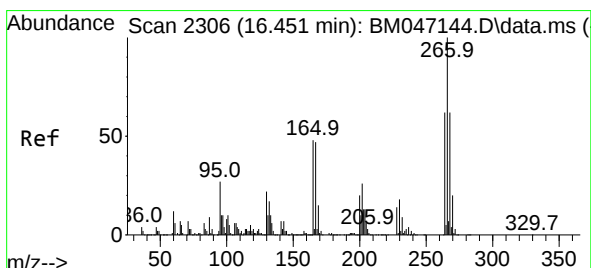
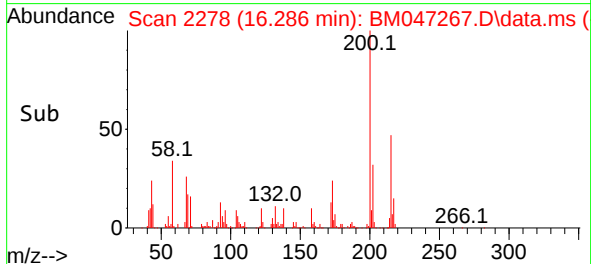
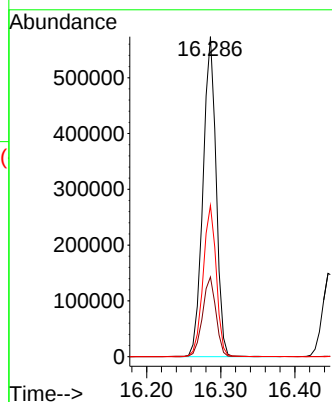
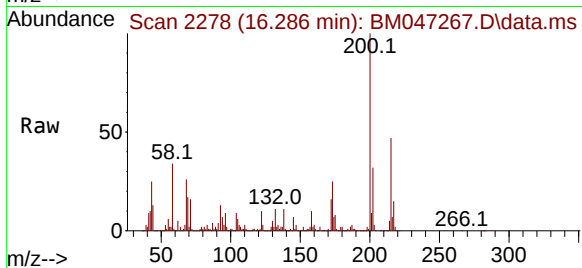
Tgt Ion:200 Resp: 708865

Ion Ratio Lower Upper

200 100

173 24.9 6.1 46.1

215 47.2 26.8 66.8



#70

Pentachlorophenol

Concen: 101.804 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

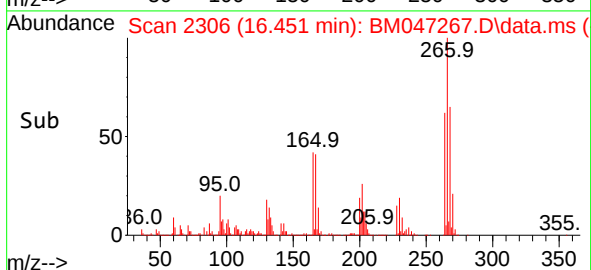
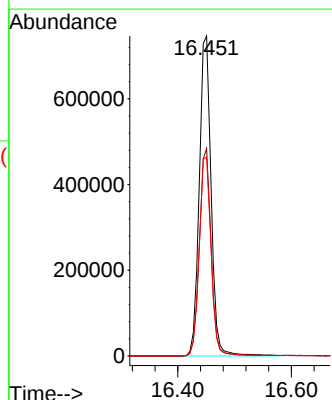
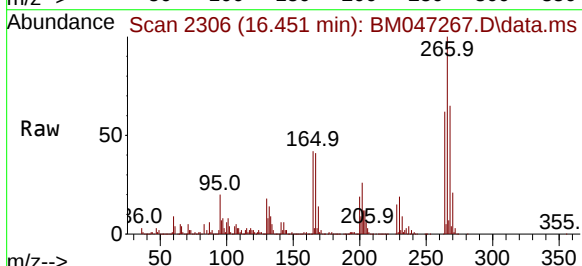
Tgt Ion:266 Resp: 1086035

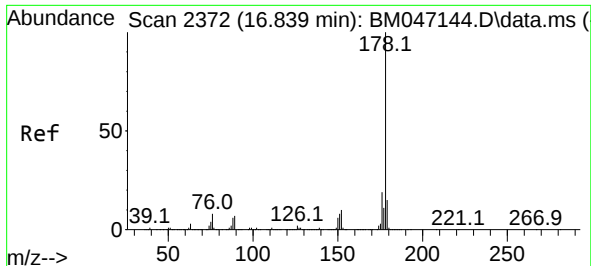
Ion Ratio Lower Upper

266 100

268 64.8 49.8 74.6

264 62.1 49.6 74.4

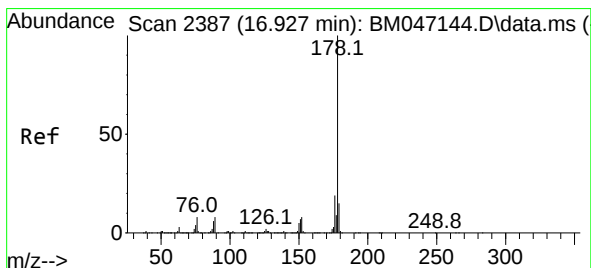
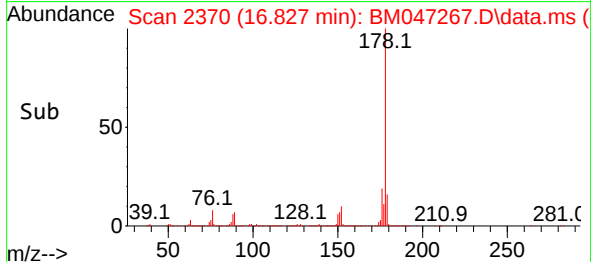
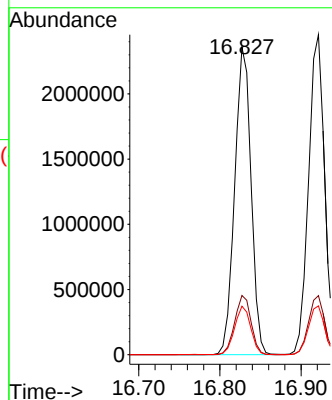
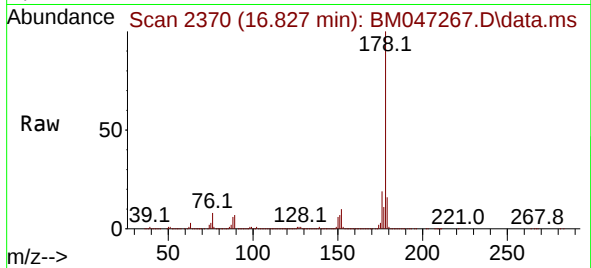




#71
Phenanthrene
Concen: 49.742 ng
RT: 16.827 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

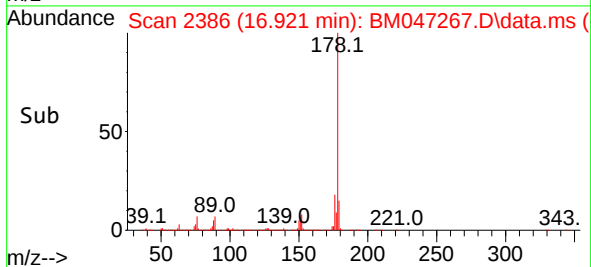
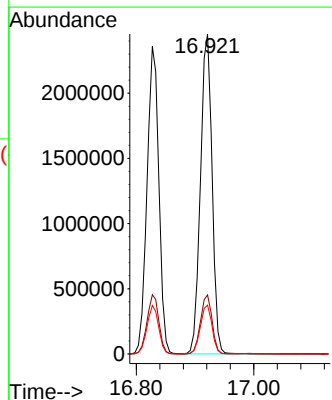
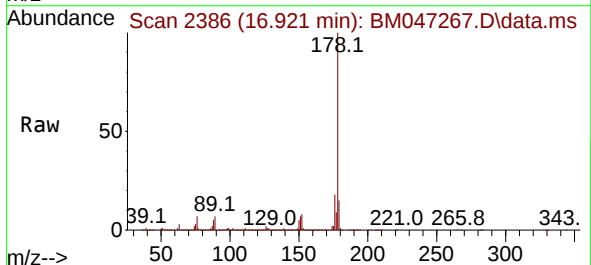
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

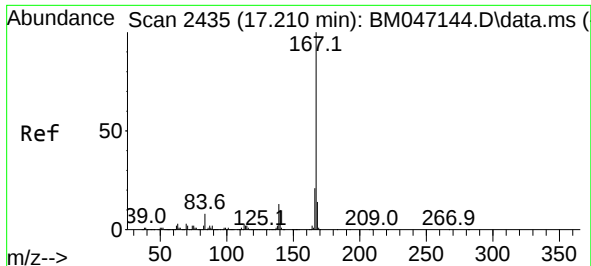
Tgt Ion:178 Resp: 3291854
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.8 12.4 18.6



#72
Anthracene
Concen: 52.254 ng
RT: 16.921 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:178 Resp: 3364784
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.3 12.4 18.6

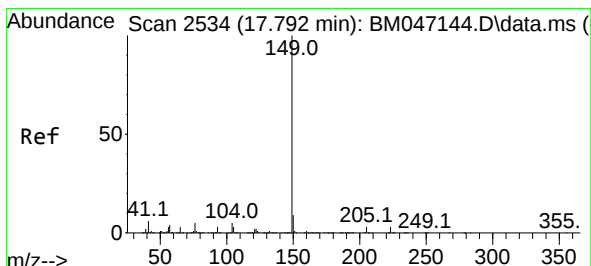
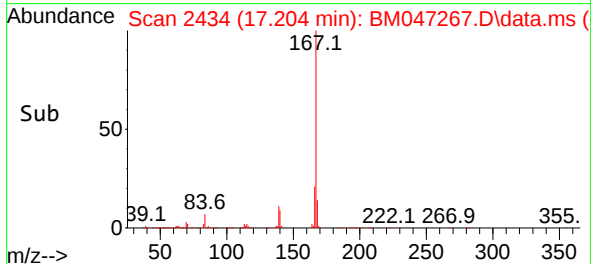
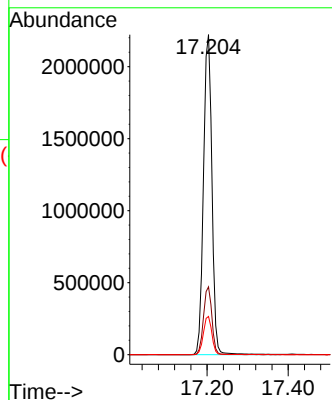
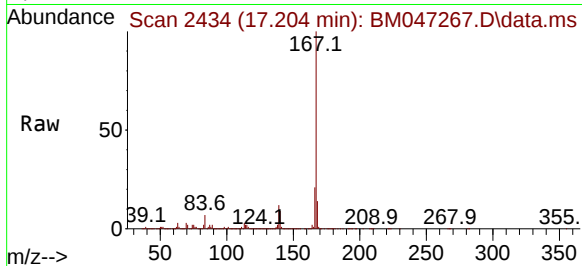




#73
 Carbazole
 Concen: 48.885 ng
 RT: 17.204 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BM047267.D
 Acq: 20 Aug 2024 12:07

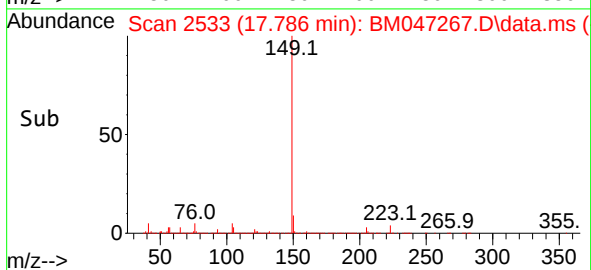
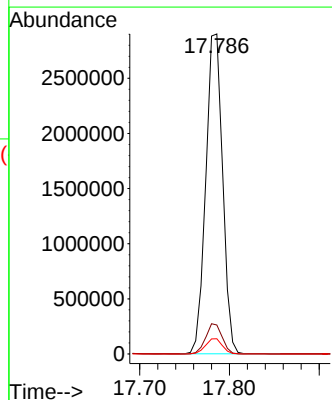
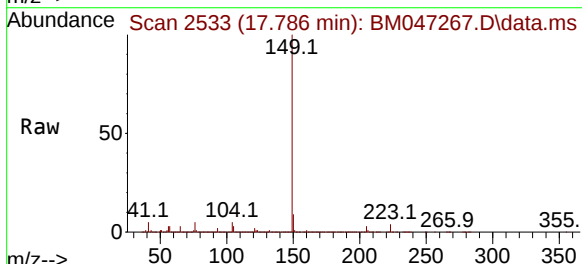
Instrument :
 BNA_M
 ClientSampleId :
 932-K1-SD-0-0.5-081524MS

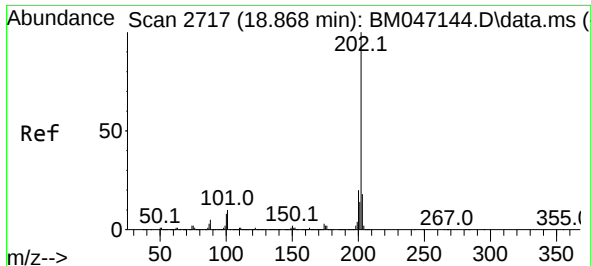
Tgt Ion:167 Resp: 3214005
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 11.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 49.387 ng
 RT: 17.786 min Scan# 2533
 Delta R.T. -0.006 min
 Lab File: BM047267.D
 Acq: 20 Aug 2024 12:07

Tgt Ion:149 Resp: 3778178
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.7 4.1 6.1

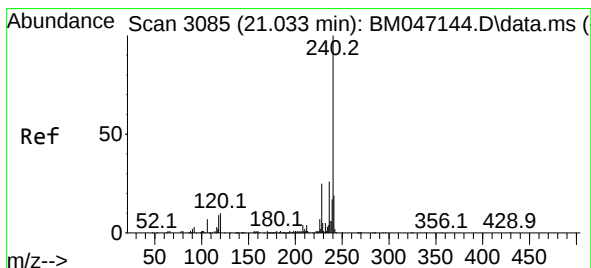
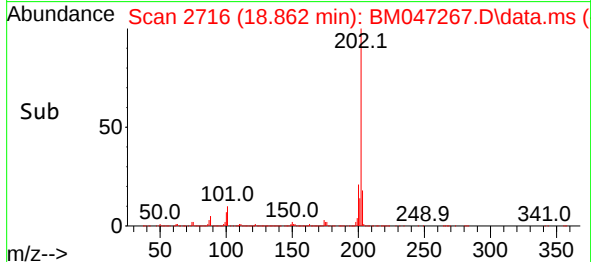
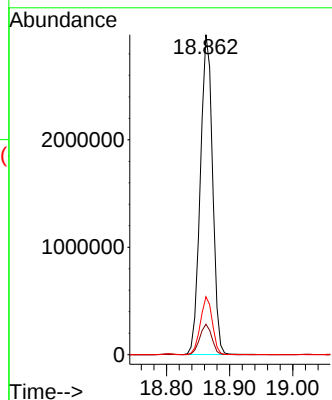
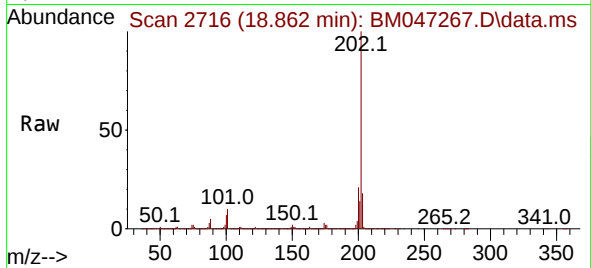




#75
Fluoranthene
Concen: 49.804 ng
RT: 18.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

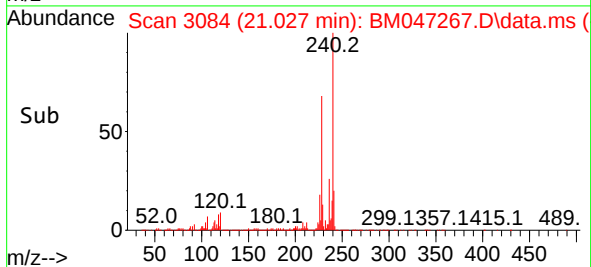
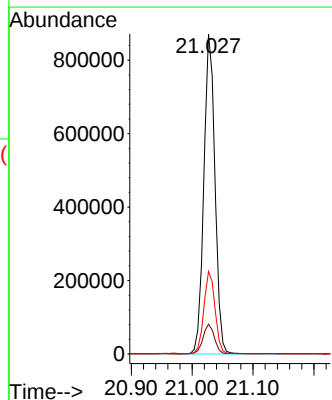
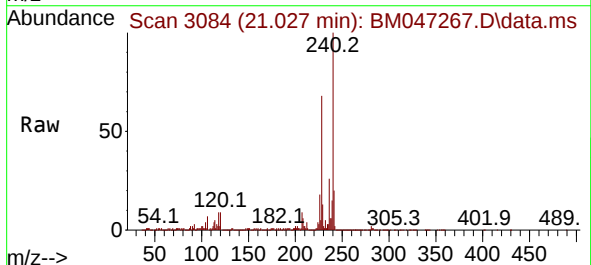
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

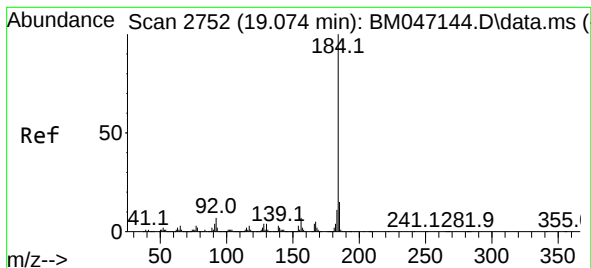
Tgt Ion:202 Resp: 4008991
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.2
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047267.D
Acq: 20 Aug 2024 12:07

Tgt Ion:240 Resp: 1107344
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 25.8 20.6 30.8





#77

Benzidine

Concen: 90.141 ng

RT: 19.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

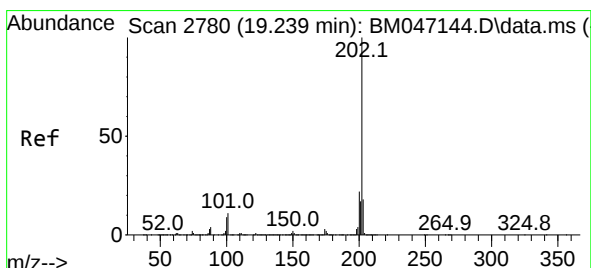
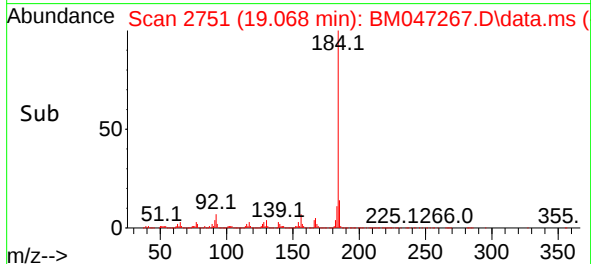
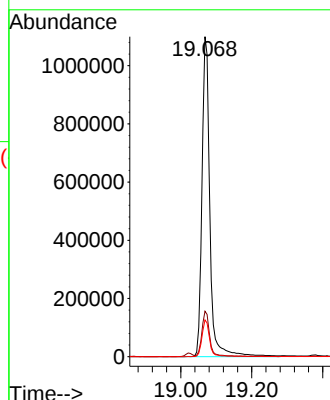
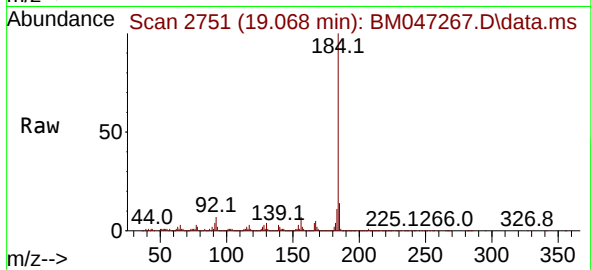
Tgt Ion:184 Resp: 1692743

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

183 11.5 9.0 13.6



#78

Pyrene

Concen: 53.236 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

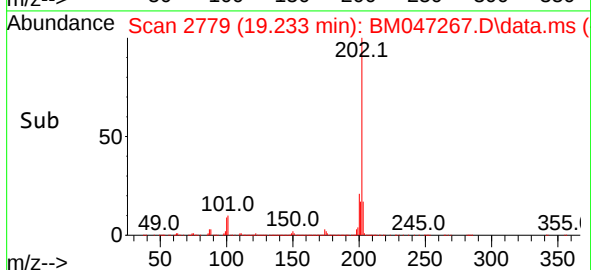
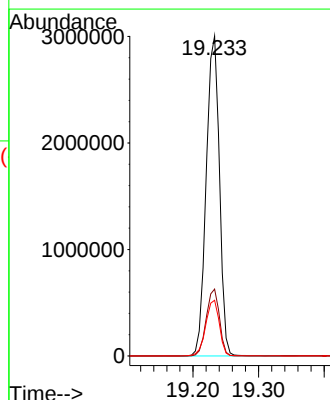
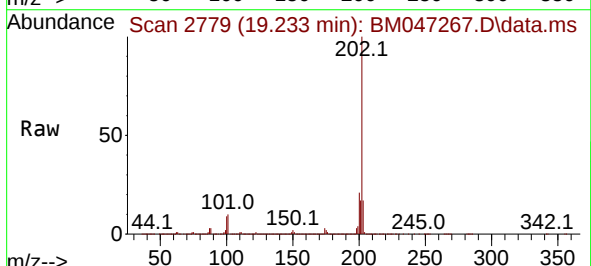
Tgt Ion:202 Resp: 4209207

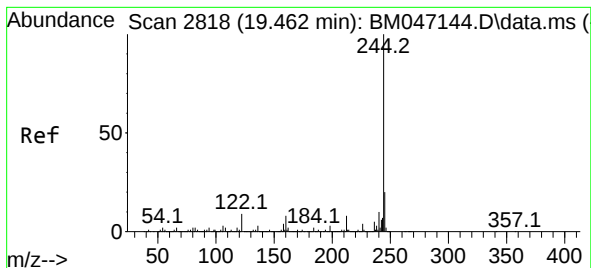
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 58.641 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

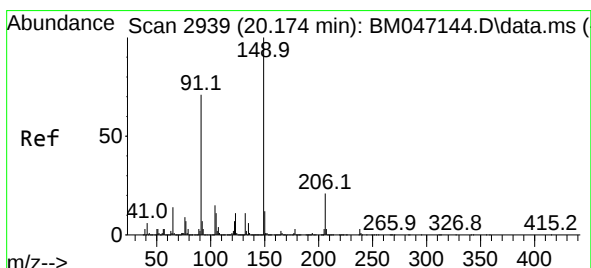
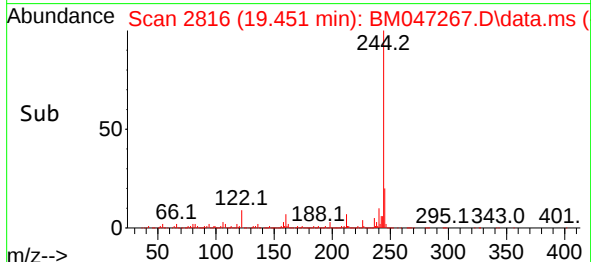
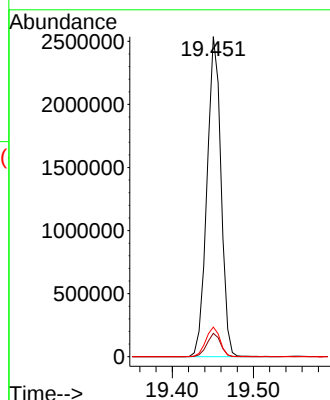
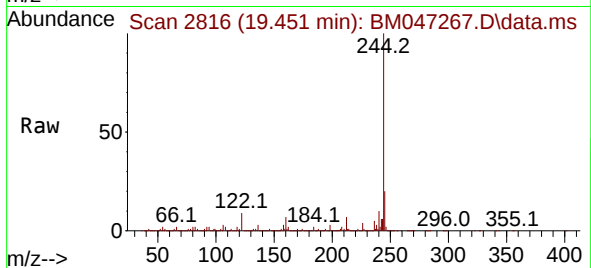
Tgt Ion:244 Resp: 3030486

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 9.3 7.1 10.7



#80

Butylbenzylphthalate

Concen: 56.663 ng

RT: 20.168 min Scan# 2938

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

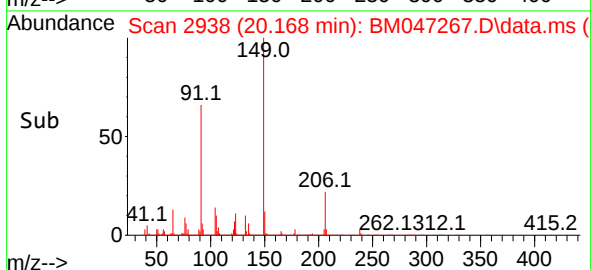
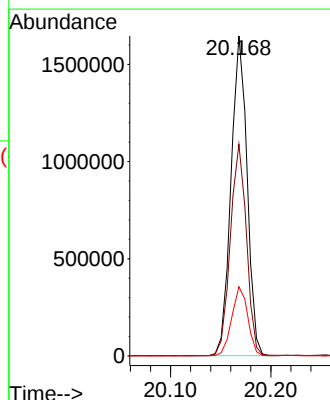
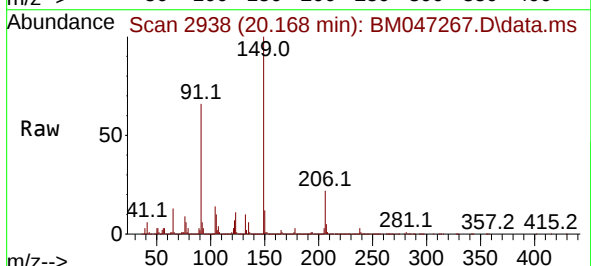
Tgt Ion:149 Resp: 1828369

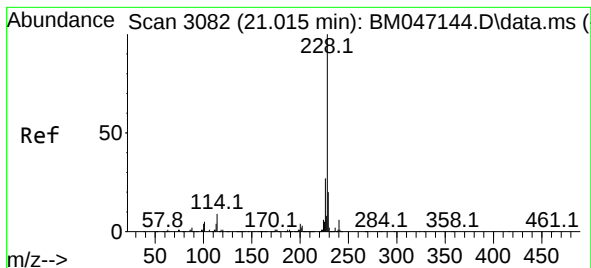
Ion Ratio Lower Upper

149 100

91 66.1 57.0 85.4

206 21.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.577 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

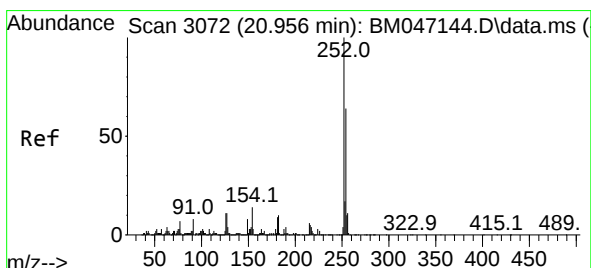
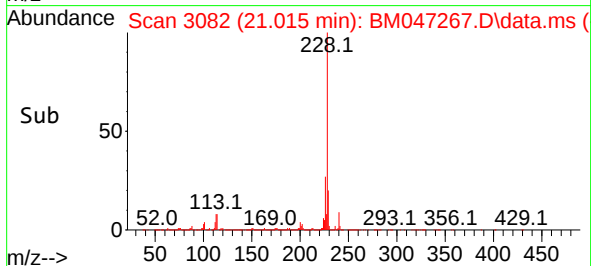
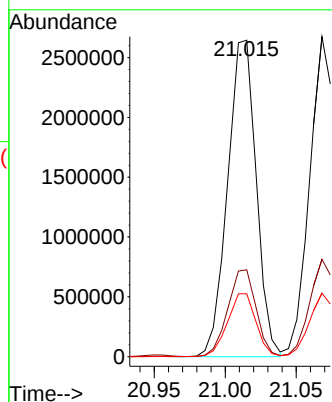
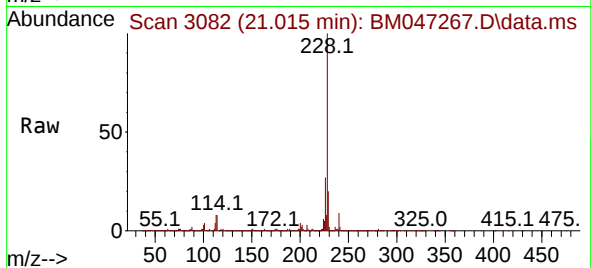
Tgt Ion:228 Resp: 3717987

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 46.790 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

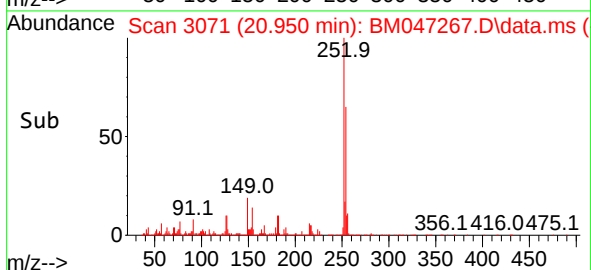
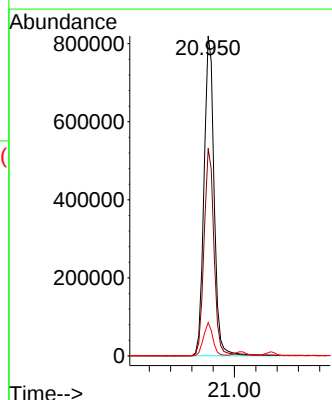
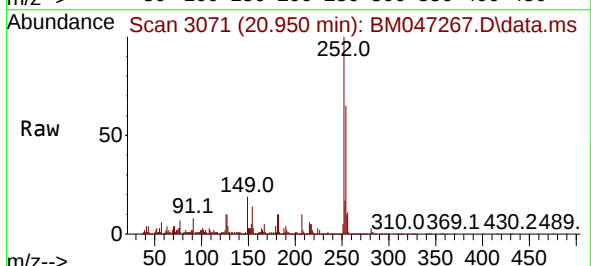
Tgt Ion:252 Resp: 1076202

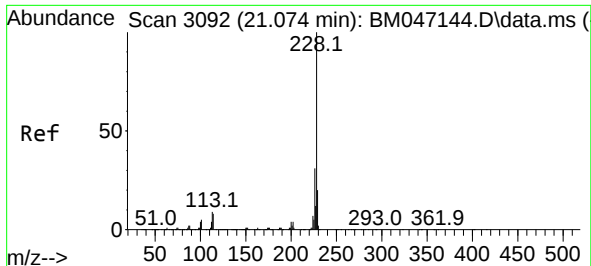
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

126 10.4 8.5 12.7





#83

Chrysene

Concen: 49.428 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

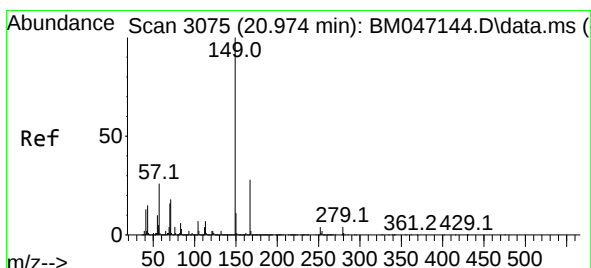
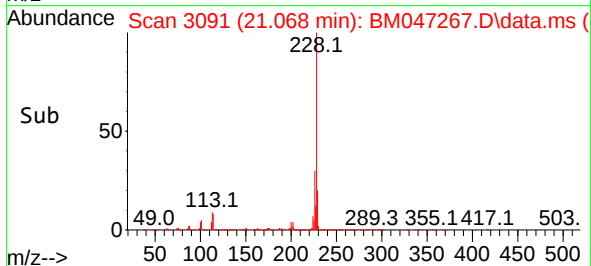
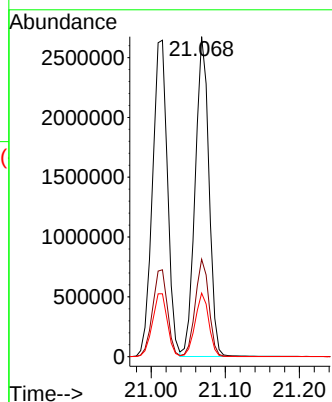
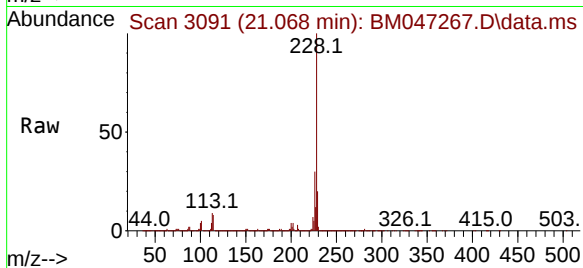
Tgt Ion:228 Resp: 3447413

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.390 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

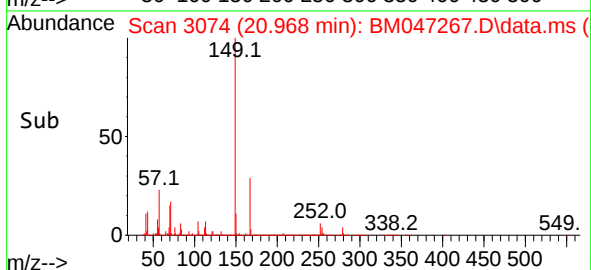
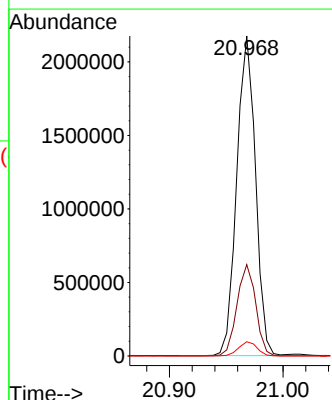
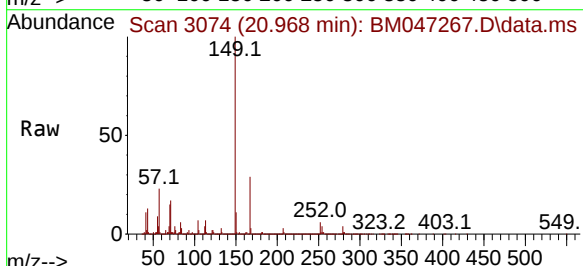
Tgt Ion:149 Resp: 2488923

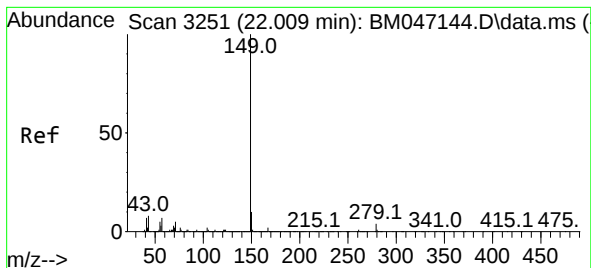
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 56.264 ng

RT: 21.997 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

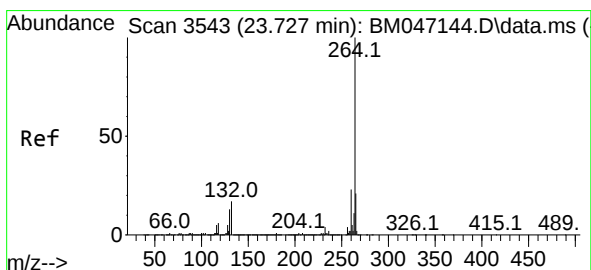
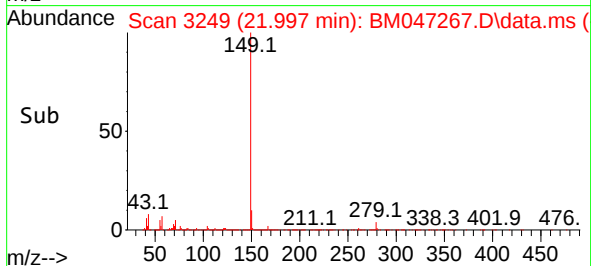
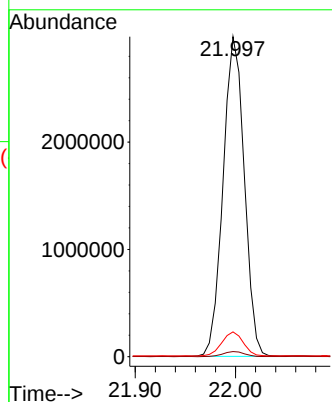
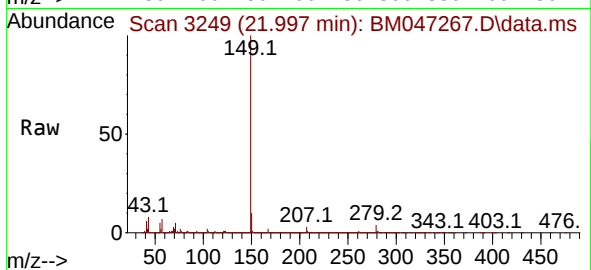
Tgt Ion:149 Resp: 4376210

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: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

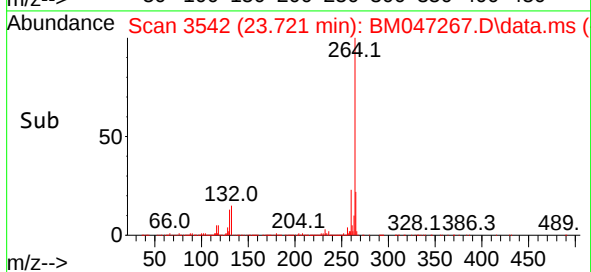
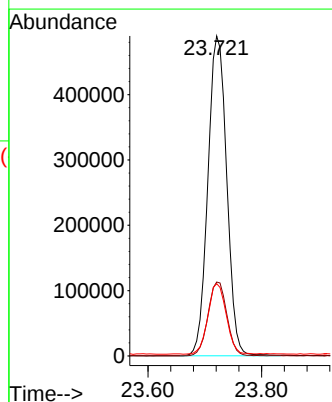
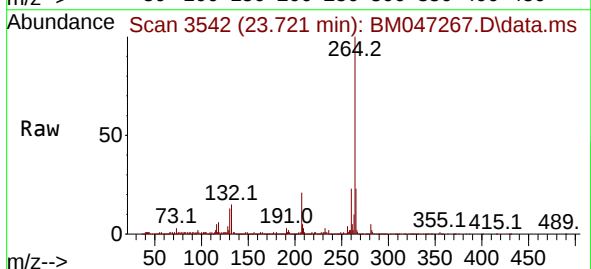
Tgt Ion:264 Resp: 1124279

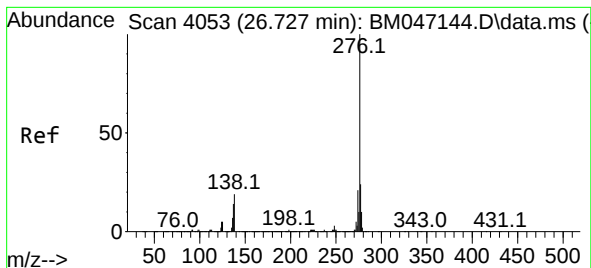
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.428 ng

RT: 26.727 min Scan# 4053

Delta R.T. -0.000 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

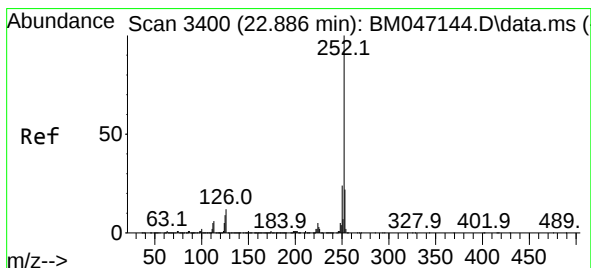
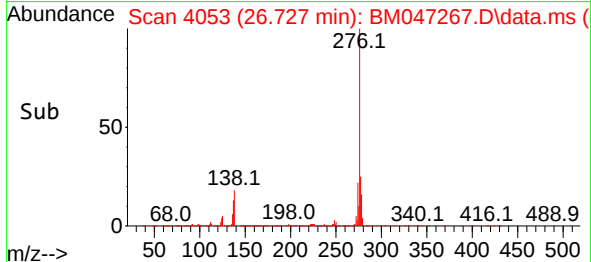
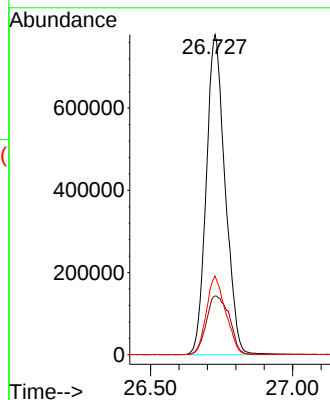
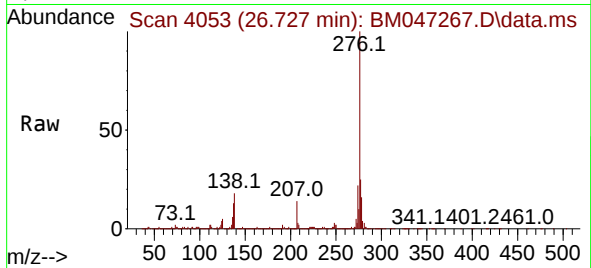
Tgt Ion:276 Resp: 3591951

Ion Ratio Lower Upper

276 100

138 22.3 19.4 29.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.763 ng

RT: 22.886 min Scan# 3400

Delta R.T. -0.000 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

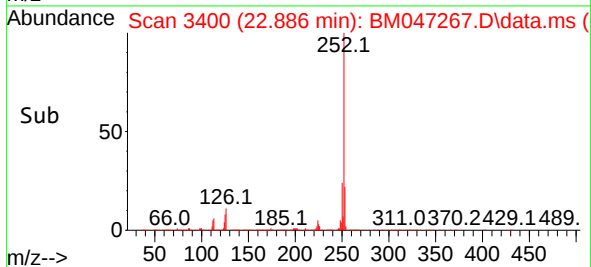
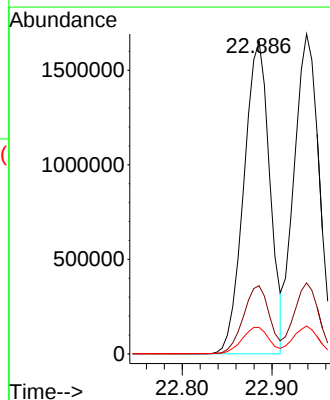
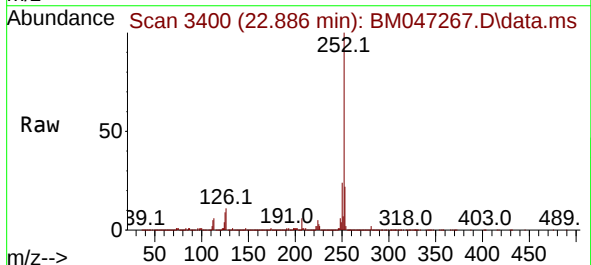
Tgt Ion:252 Resp: 3322518

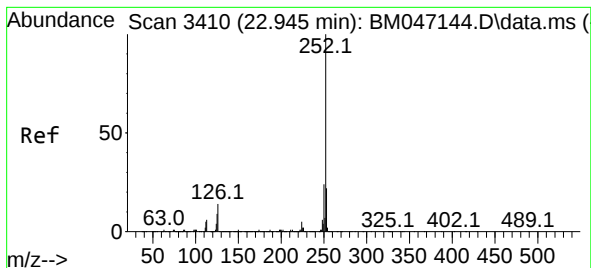
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.706 ng

RT: 22.939 min Scan# 3410

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

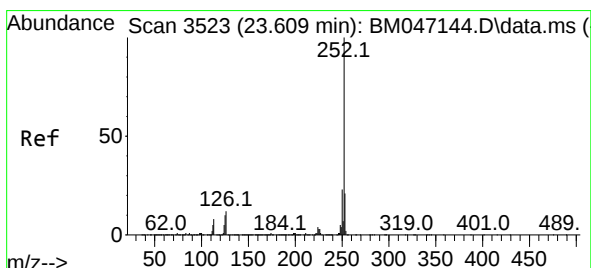
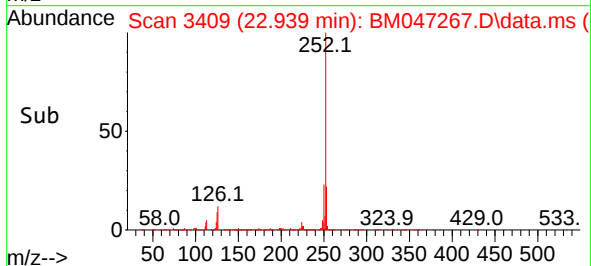
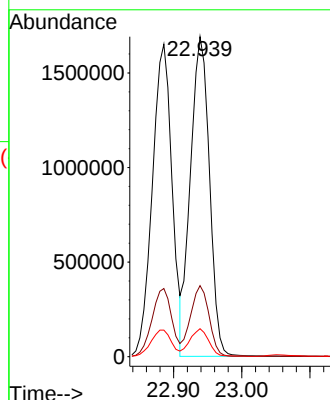
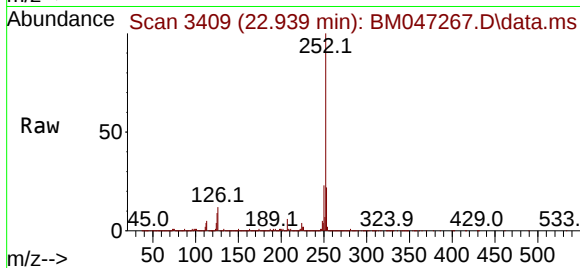
Tgt Ion:252 Resp: 3260791

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 52.796 ng

RT: 23.597 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

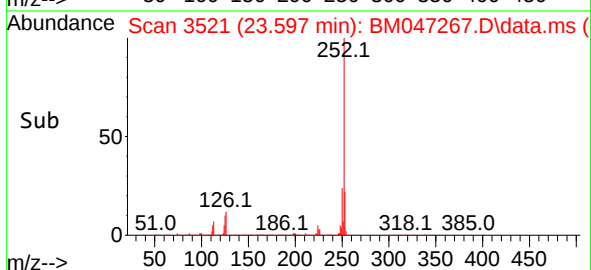
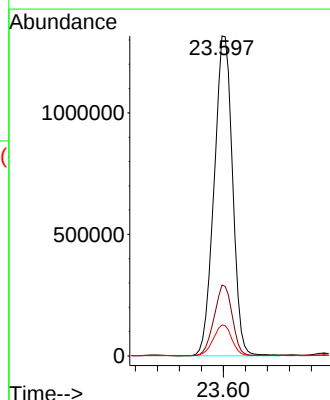
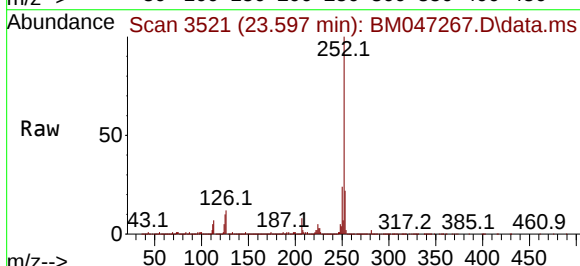
Tgt Ion:252 Resp: 3053597

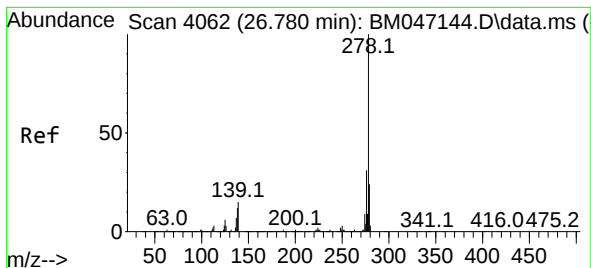
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 9.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 48.602 ng

RT: 26.774 min Scan# 4062

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

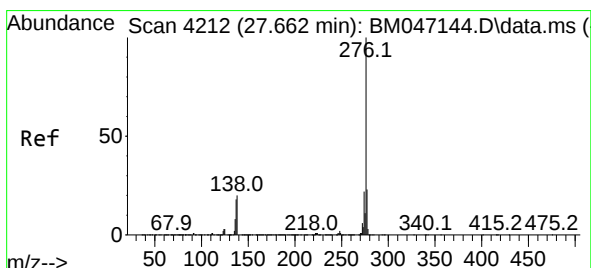
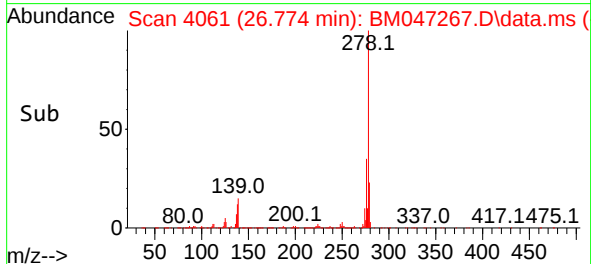
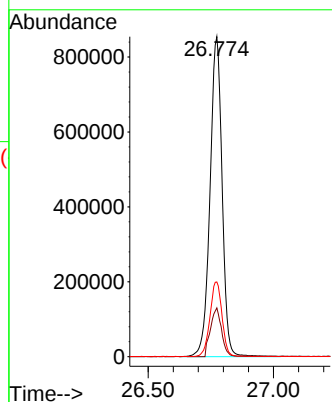
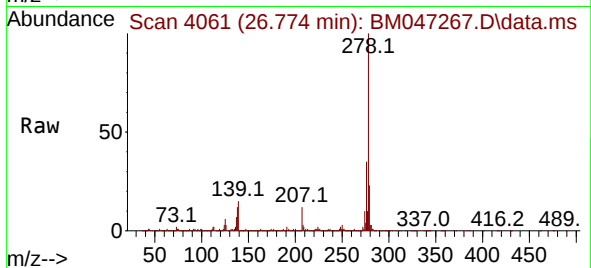
Tgt Ion:278 Resp: 2858311

Ion Ratio Lower Upper

278 100

139 15.2 12.0 18.0

279 23.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 45.113 ng

RT: 27.656 min Scan# 4211

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Tgt Ion:276 Resp: 2754623

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.4 16.2 24.4

