

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047248.D
 Acq On : 19 Aug 2024 11:41
 Operator : RC/JU
 Sample : PB162722BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162722BSD

Quant Time: Aug 19 12:29:16 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	7.369	152	265608	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1076893	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	737861	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1630379	20.000	ng	0.00
76) Chrysene-d12	21.039	240	1511034	20.000	ng	0.00
86) Perylene-d12	23.744	264	1710119	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1924100	129.441	ng	0.00
7) Phenol-d6	6.587	99	2561448	125.057	ng	0.00
23) Nitrobenzene-d5	8.516	82	1666804	77.936	ng	0.00
42) 2,4,6-Tribromophenol	15.545	330	1199413	140.190	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3950762	82.592	ng	0.00
79) Terphenyl-d14	19.462	244	6949439	98.548	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	161132	26.162	ng	97
3) Pyridine	3.398	79	506080	28.021	ng	98
4) n-Nitrosodimethylamine	3.316	42	289137	36.643	ng	99
6) Aniline	6.716	93	536002	27.687	ng	98
8) 2-Chlorophenol	6.945	128	813650	50.186	ng	97
9) Benzaldehyde	6.528	77	222569	16.514	ng	98
10) Phenol	6.610	94	954556	46.706	ng	99
11) bis(2-Chloroethyl)ether	6.816	93	740852	42.329	ng	98
12) 1,3-Dichlorobenzene	7.257	146	825487	42.848	ng	97
13) 1,4-Dichlorobenzene	7.398	146	844869	43.313	ng	98
14) 1,2-Dichlorobenzene	7.710	146	826822	44.925	ng	98
15) Benzyl Alcohol	7.622	79	727514	49.908	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.892	45	922108	41.058	ng	99
17) 2-Methylphenol	7.834	107	662147	48.563	ng	99
18) Hexachloroethane	8.416	117	313548	41.498	ng	95
19) n-Nitroso-di-n-propyla...	8.181	70	568696	41.220	ng	97
20) 3+4-Methylphenols	8.157	107	906389	47.550	ng	97
22) Acetophenone	8.186	105	1027265	39.519	ng	99
24) Nitrobenzene	8.557	77	884058	41.052	ng	97
25) Isophorone	9.080	82	1644726	44.168	ng	98
26) 2-Nitrophenol	9.257	139	469438	49.222	ng	95
27) 2,4-Dimethylphenol	9.339	122	591287	52.927	ng	99
28) bis(2-Chloroethoxy)met...	9.569	93	1018995	43.489	ng	100
29) 2,4-Dichlorophenol	9.792	162	871739	52.589	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	863965	46.056	ng	99
31) Naphthalene	10.175	128	2329366	43.420	ng	100
32) Benzoic acid	9.539	122	646679	49.823	ng	97
33) 4-Chloroaniline	10.298	127	546120	26.472	ng	99
34) Hexachlorobutadiene	10.457	225	507158	46.190	ng	99
35) Caprolactam	11.116	113	174131	30.249	ng	95
36) 4-Chloro-3-methylphenol	11.457	107	854374	48.396	ng	99
37) 2-Methylnaphthalene	11.804	142	1704601	44.627	ng	99
38) 1-Methylnaphthalene	12.027	142	1596541	42.292	ng	98
40) 1,2,4,5-Tetrachloroben...	12.186	216	900468	44.743	ng	99
41) Hexachlorocyclopentadiene	12.157	237	706855	100.583	ng	99
43) 2,4,6-Trichlorophenol	12.445	196	730297	51.053	ng	100

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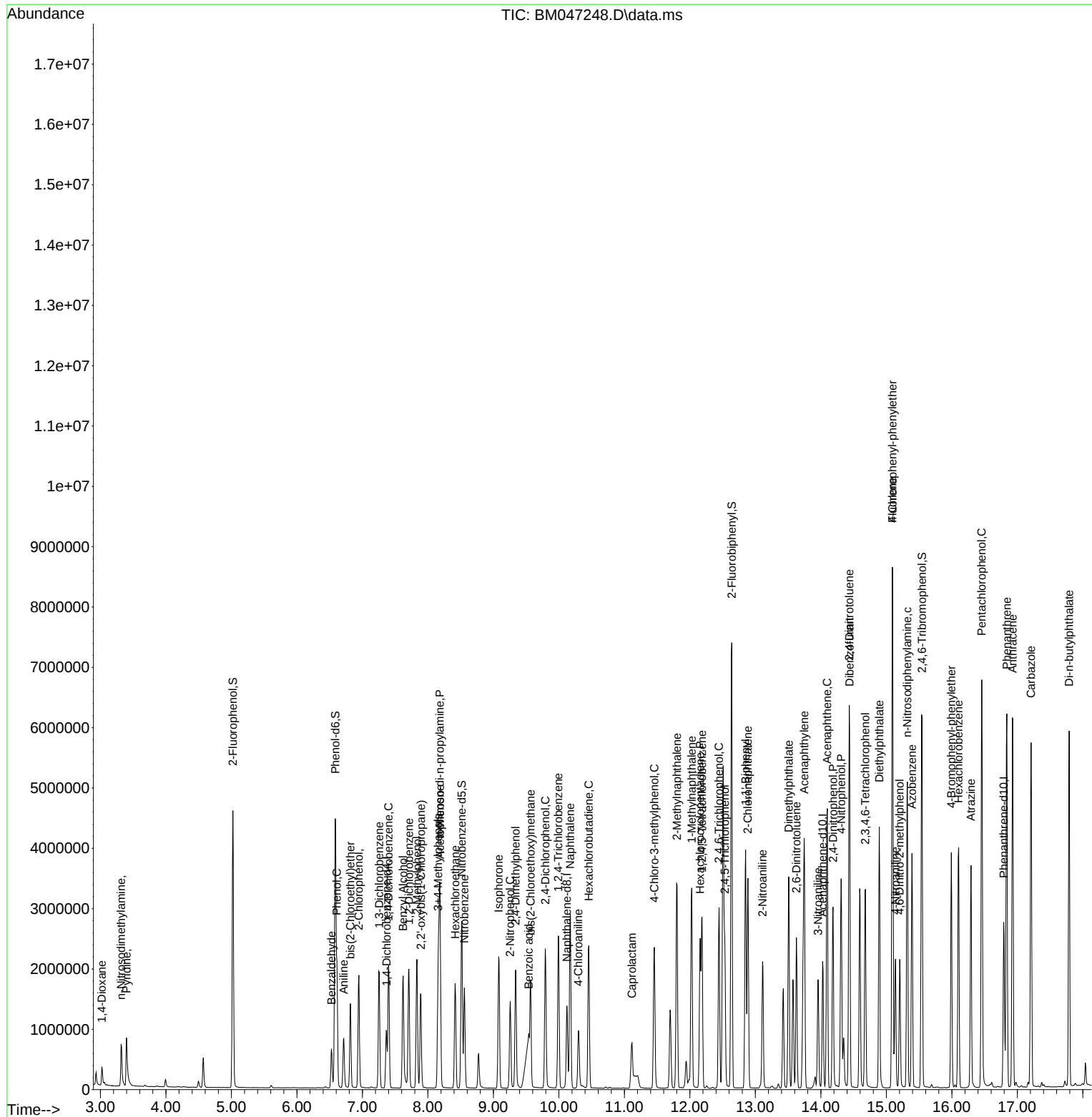
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.533	196	751909	47.342	ng	96
46) 1,1'-Biphenyl	12.851	154	2110926	40.186	ng	99
47) 2-Chloronaphthalene	12.886	162	1760638	42.883	ng	98
48) 2-Nitroaniline	13.110	65	584327	45.429	ng	97
49) Acenaphthylene	13.745	152	2911725	48.112	ng	99
50) Dimethylphthalate	13.510	163	2383136	46.245	ng	100
51) 2,6-Dinitrotoluene	13.627	165	549262	45.595	ng	90
52) Acenaphthene	14.098	154	1674765	43.626	ng	99
53) 3-Nitroaniline	13.957	138	464266	38.461	ng	99
54) 2,4-Dinitrophenol	14.186	184	726962	100.687	ng	90
55) Dibenzofuran	14.439	168	2764832	45.596	ng	98
56) 4-Nitrophenol	14.310	139	985808	94.708	ng	97
57) 2,4-Dinitrotoluene	14.433	165	759006	47.204	ng	97
58) Fluorene	15.092	166	2235554	44.682	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.680	232	678981	52.017	ng	94
60) Diethylphthalate	14.892	149	2389033	45.398	ng	98
61) 4-Chlorophenyl-phenyle...	15.092	204	1102538	46.287	ng	97
62) 4-Nitroaniline	15.139	138	543188	45.676	ng	95
63) Azobenzene	15.392	77	2117516	42.438	ng	95
65) 4,6-Dinitro-2-methylph...	15.204	198	495094	51.866	ng	93
66) n-Nitrosodiphenylamine	15.321	169	2028006	45.668	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	740850	47.156	ng	99
68) Hexachlorobenzene	16.104	284	856493	45.520	ng	95
69) Atrazine	16.292	200	682183	51.050	ng	100
70) Pentachlorophenol	16.456	266	1188882	90.138	ng	98
71) Phenanthrene	16.839	178	3744284	45.761	ng	100
72) Anthracene	16.927	178	3780949	47.491	ng	100
73) Carbazole	17.209	167	3743573	46.053	ng	99
74) Di-n-butylphthalate	17.792	149	4376795	46.274	ng	100
75) Fluoranthene	18.874	202	4719239	47.419	ng	99
77) Benzidine	19.074	184	1059177	41.334	ng	99
78) Pyrene	19.239	202	4888991	45.314	ng	99
80) Butylbenzylphthalate	20.174	149	2114181	48.016	ng	96
81) Benzo(a)anthracene	21.021	228	4727948	47.133	ng	99
82) 3,3'-Dichlorobenzidine	20.962	252	1446603	46.091	ng	99
83) Chrysene	21.080	228	4422279	46.466	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	2874516	46.034	ng	99
85) Di-n-octyl phthalate	22.009	149	5263990	49.597	ng	98
87) Indeno(1,2,3-cd)pyrene	26.762	276	5322846	48.154	ng	98
88) Benzo(b)fluoranthene	22.903	252	4827644	47.536	ng	99
89) Benzo(k)fluoranthene	22.962	252	4834224	50.396	ng	99
90) Benzo(a)pyrene	23.627	252	4567416	51.917	ng	98
91) Dibenzo(a,h)anthracene	26.815	278	4350511	48.633	ng	99
92) Benzo(g,h,i)perylene	27.703	276	4091430	44.052	ng	99

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

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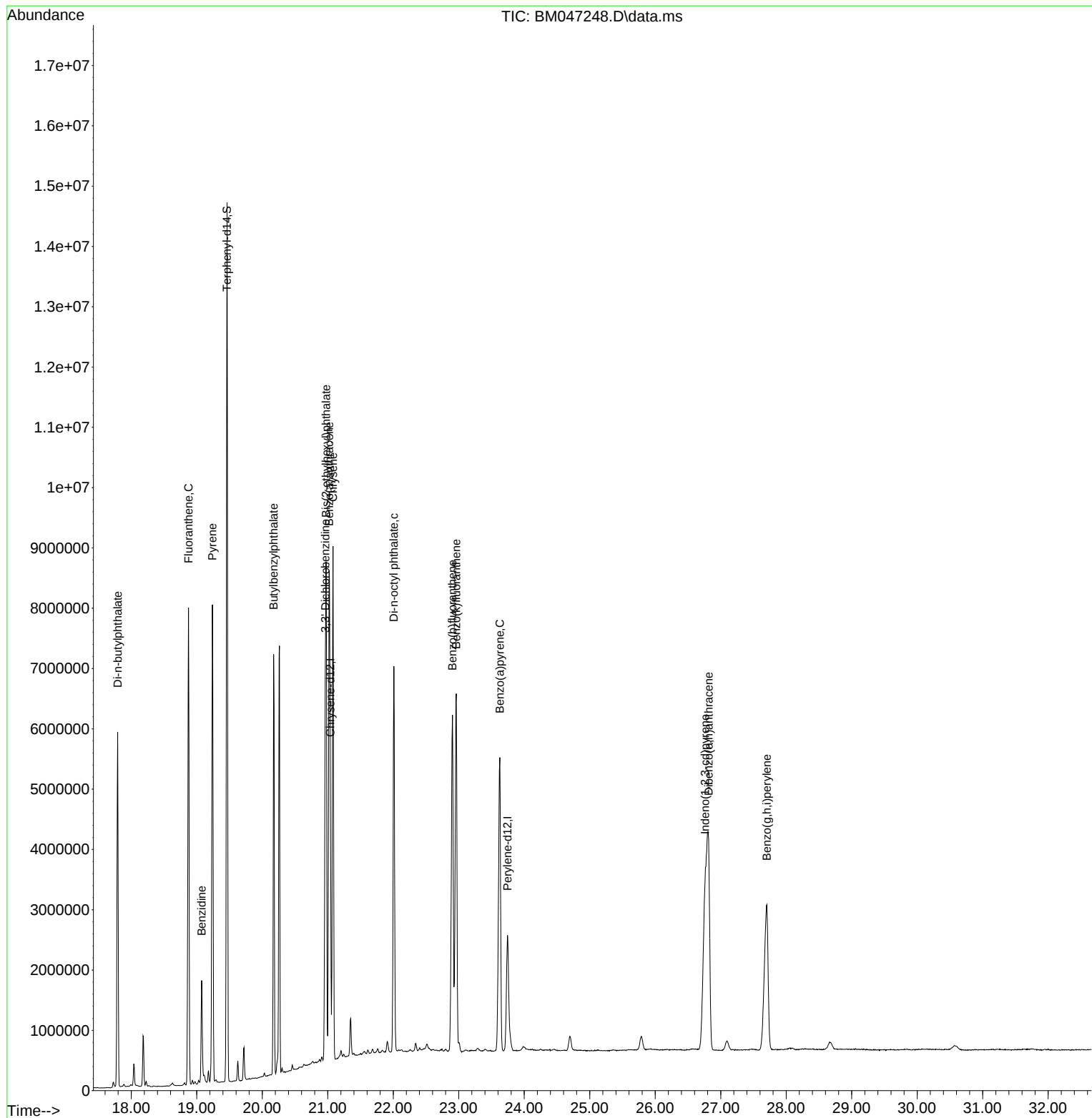
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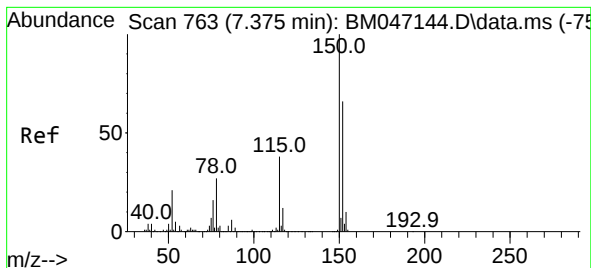


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.369 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

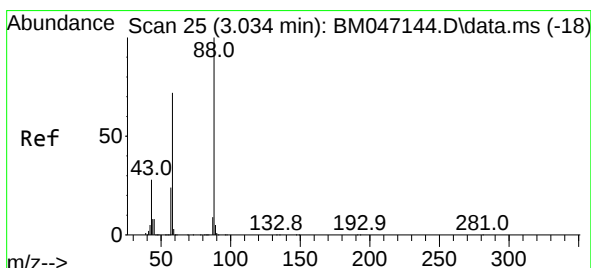
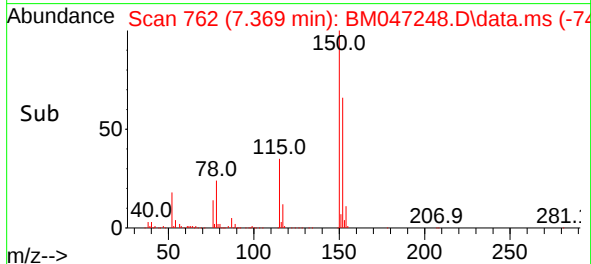
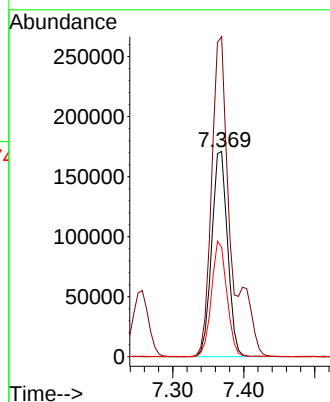
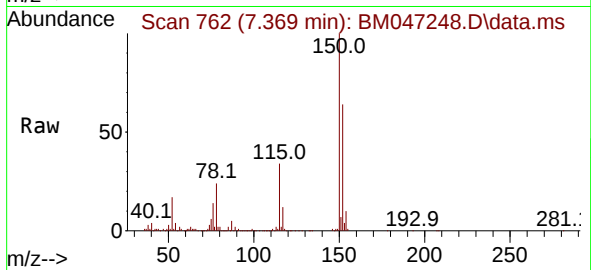
Tgt Ion:152 Resp: 265608

Ion Ratio Lower Upper

152 100

150 155.9 120.5 180.7

115 53.3 45.5 68.3



#2

1,4-Dioxane

Concen: 26.162 ng

RT: 3.022 min Scan# 23

Delta R.T. -0.012 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

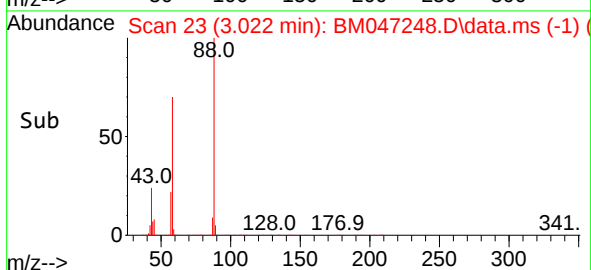
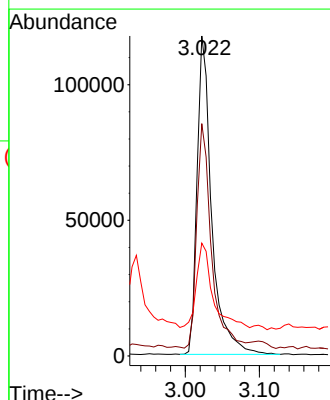
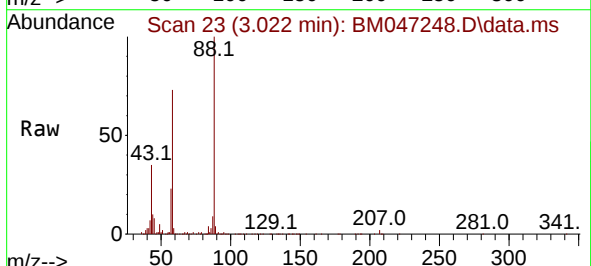
Tgt Ion: 88 Resp: 161132

Ion Ratio Lower Upper

88 100

58 69.8 58.2 87.4

43 28.7 22.5 33.7



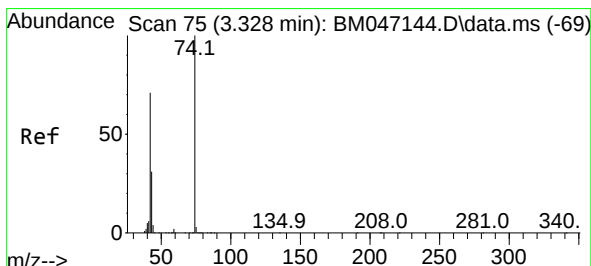
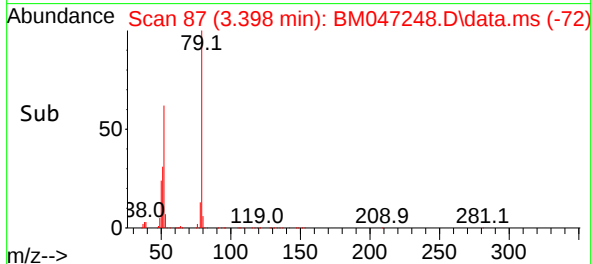
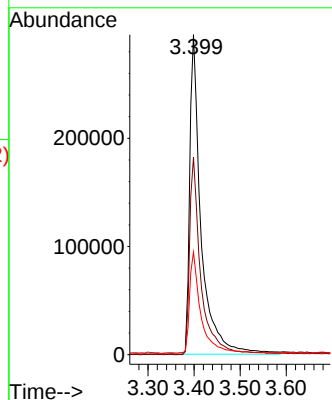
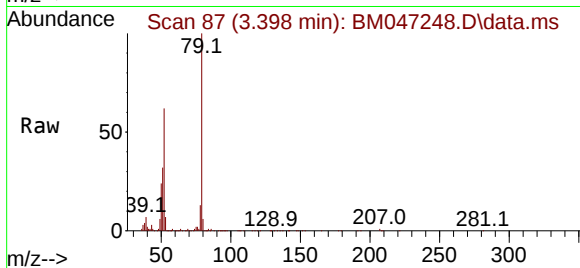


#3
 Pyridine
 Concen: 28.021 ng
 RT: 3.398 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

Instrument :
 BNA_M
 ClientSampleId :
 PB162722BSD

Tgt Ion: 79 Resp: 506080

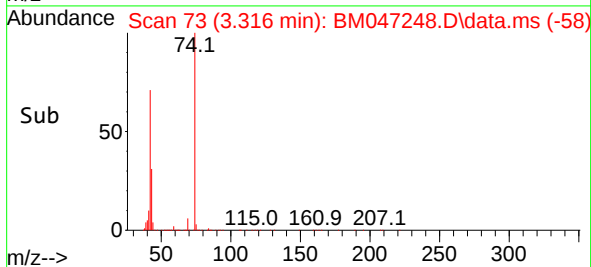
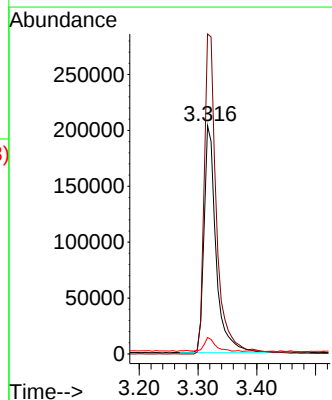
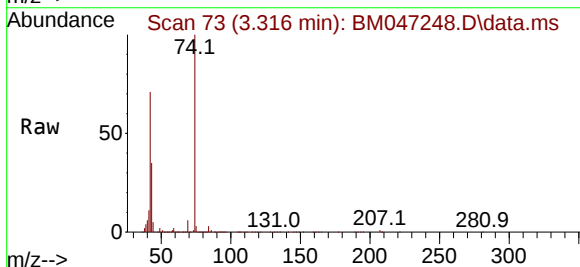
Ion	Ratio	Lower	Upper
79	100		
52	61.7	51.2	76.8
51	32.1	26.1	39.1

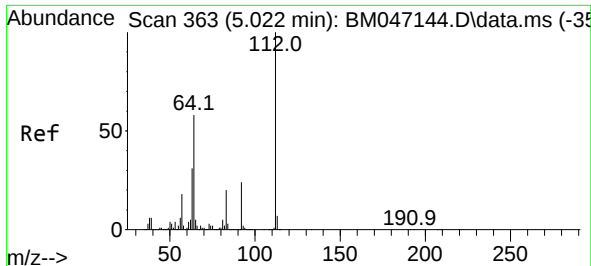


#4
 n-Nitrosodimethylamine
 Concen: 36.643 ng
 RT: 3.316 min Scan# 73
 Delta R.T. -0.012 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

Tgt Ion: 42 Resp: 289137

Ion	Ratio	Lower	Upper
42	100		
74	140.1	112.9	169.3
44	7.2	5.3	7.9

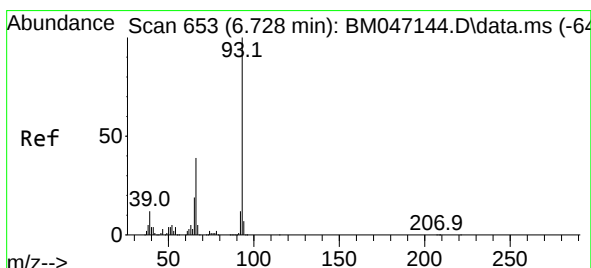
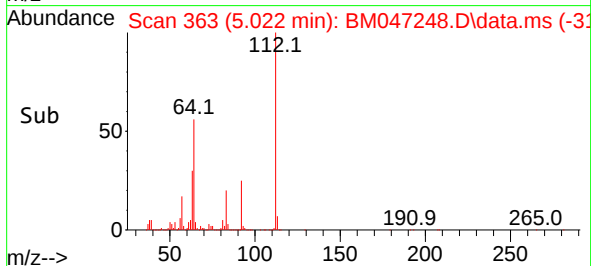
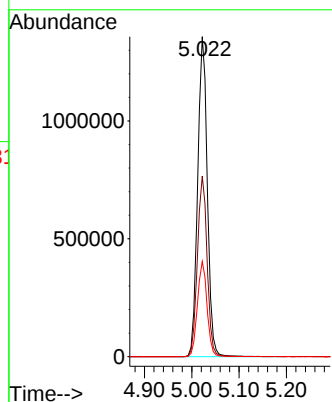
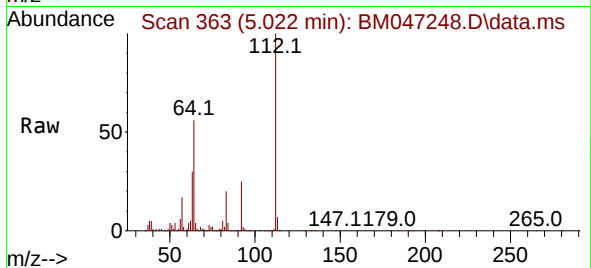




#5
2-Fluorophenol
Concen: 129.441 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047248.D
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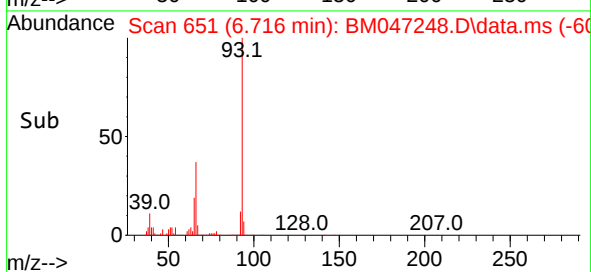
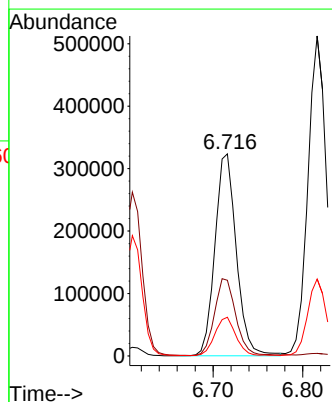
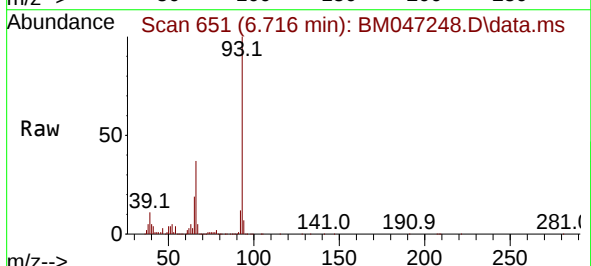
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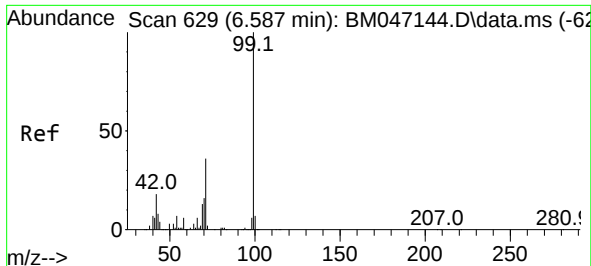
Tgt Ion:112 Resp: 1924100
Ion Ratio Lower Upper
112 100
64 56.5 46.7 70.1
63 29.8 24.8 37.2



#6
Aniline
Concen: 27.687 ng
RT: 6.716 min Scan# 651
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 93 Resp: 536002
Ion Ratio Lower Upper
93 100
66 37.5 31.4 47.2
65 19.1 15.6 23.4



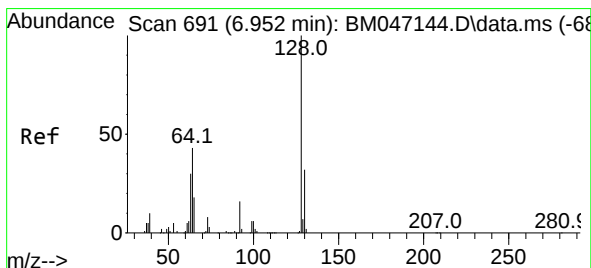
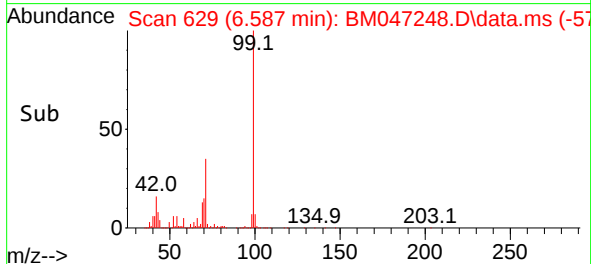
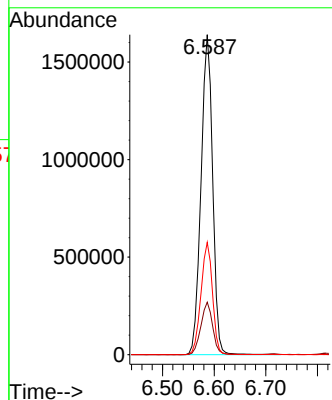
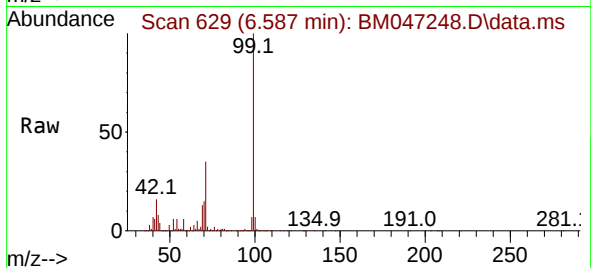


#7
Phenol-d6
Concen: 125.057 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
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Tgt Ion: 99 Resp: 2561448

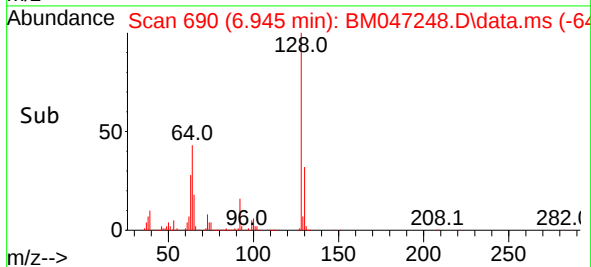
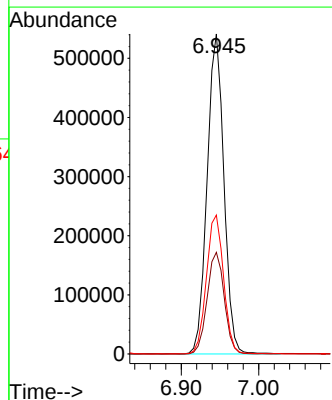
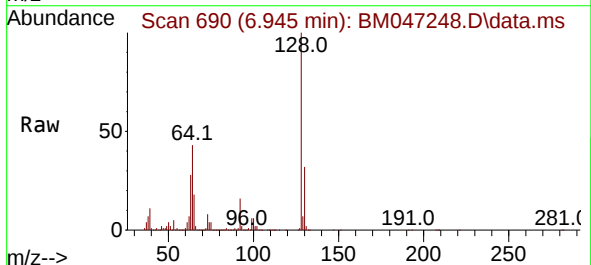
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	35.1	28.5	42.7



#8
2-Chlorophenol
Concen: 50.186 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 128 Resp: 813650

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.1	52.1
64	43.4	26.6	66.6

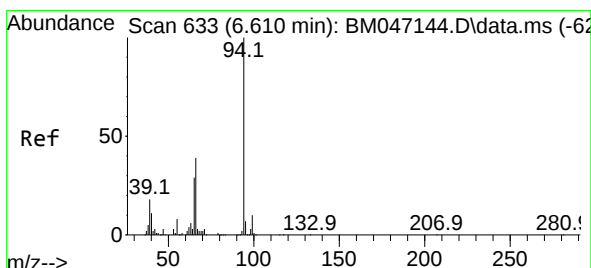
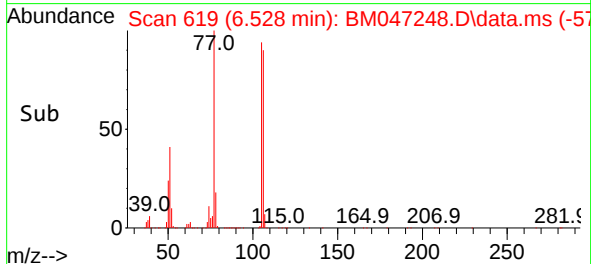
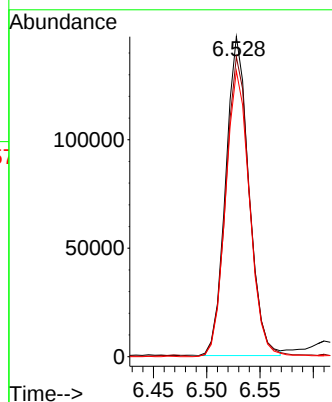
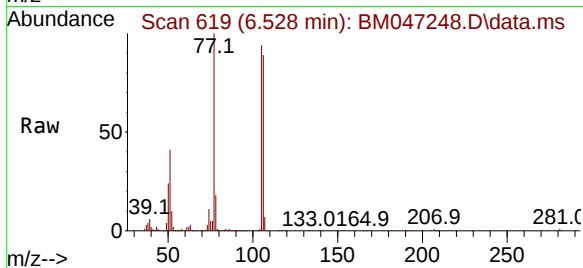




#9
Benzaldehyde
Concen: 16.514 ng
RT: 6.528 min Scan# 619
Delta R.T. -0.012 min
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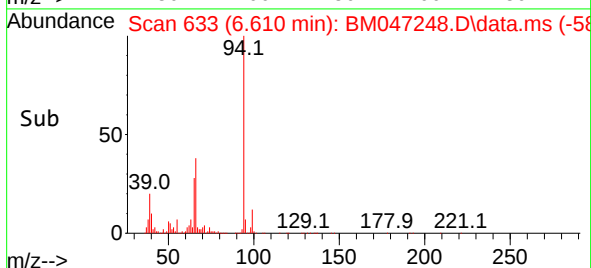
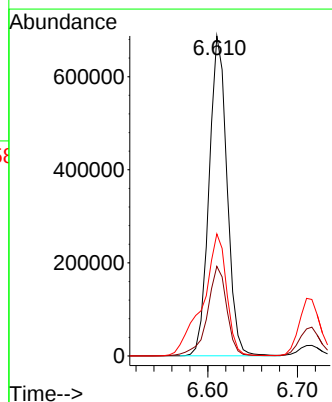
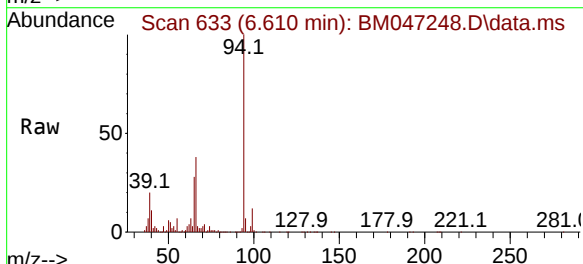
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Tgt Ion: 77 Resp: 222569
Ion Ratio Lower Upper
77 100
105 93.7 74.5 114.5
106 89.3 72.3 112.3



#10
Phenol
Concen: 46.706 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 94 Resp: 954556
Ion Ratio Lower Upper
94 100
65 28.0 9.0 49.0
66 38.2 18.9 58.9

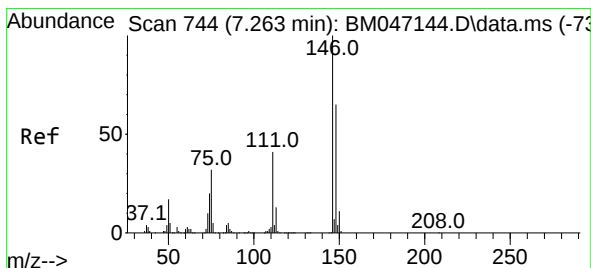
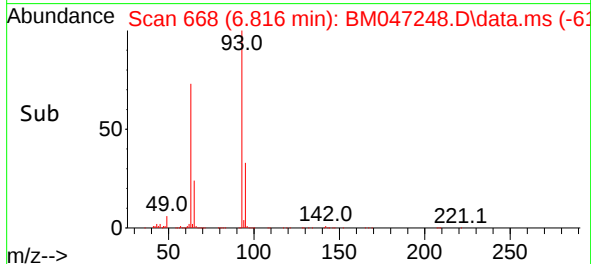
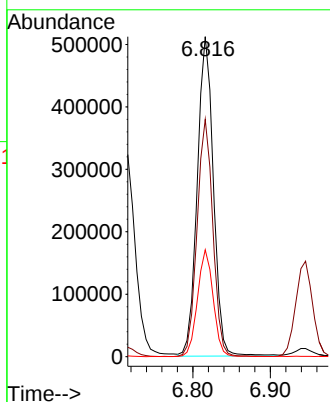
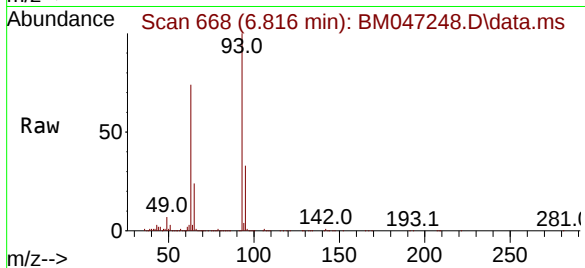




#11
bis(2-Chloroethyl)ether
Concen: 42.329 ng
RT: 6.816 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

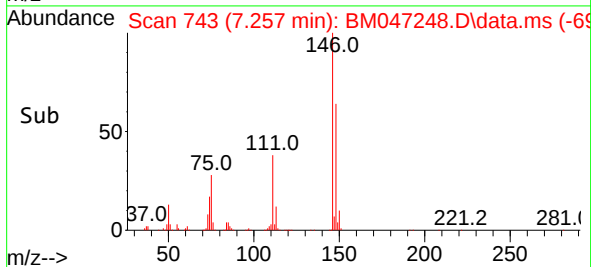
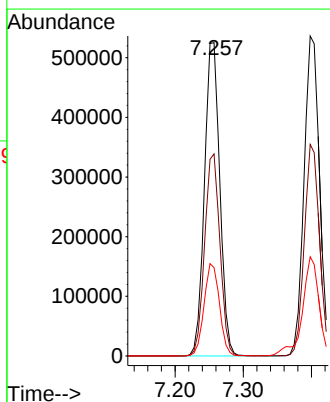
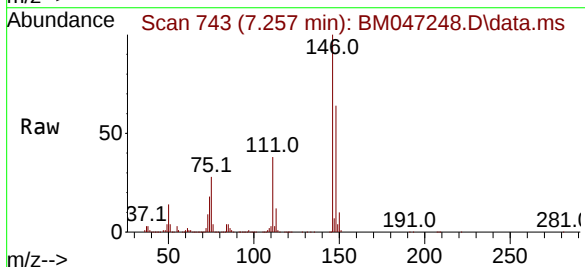
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

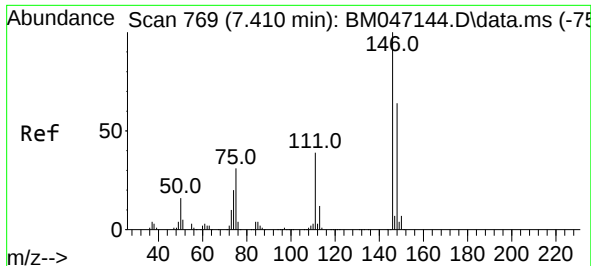
Tgt Ion: 93 Resp: 740852
Ion Ratio Lower Upper
93 100
63 74.1 55.8 95.8
95 33.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.848 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 146 Resp: 825487
Ion Ratio Lower Upper
146 100
148 64.5 52.3 78.5
75 28.2 25.8 38.6

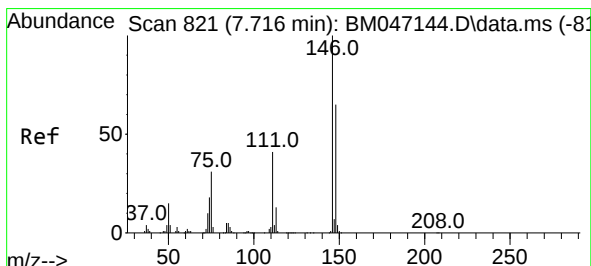
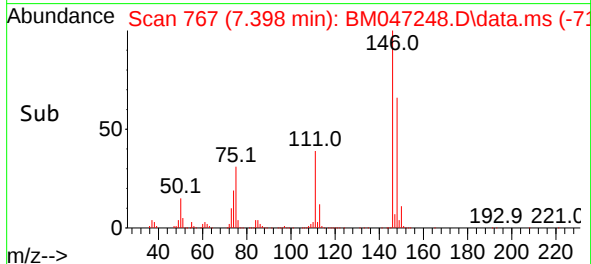
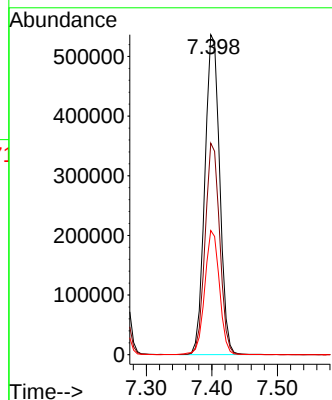
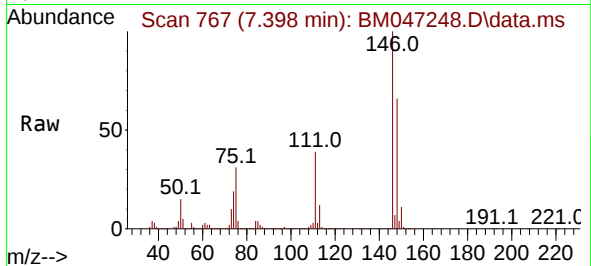




#13
1,4-Dichlorobenzene
Concen: 43.313 ng
RT: 7.398 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

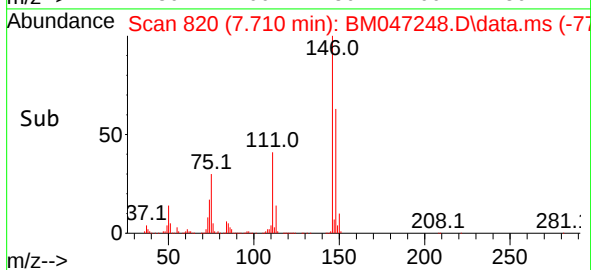
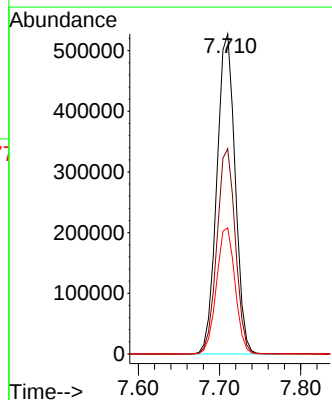
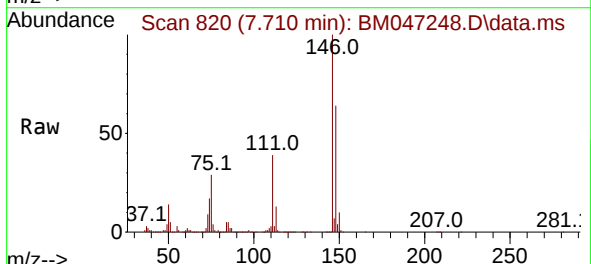
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

Tgt Ion:146 Resp: 844869
Ion Ratio Lower Upper
146 100
148 66.1 51.4 77.2
111 38.8 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 44.925 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:146 Resp: 826822
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 39.5 33.3 49.9

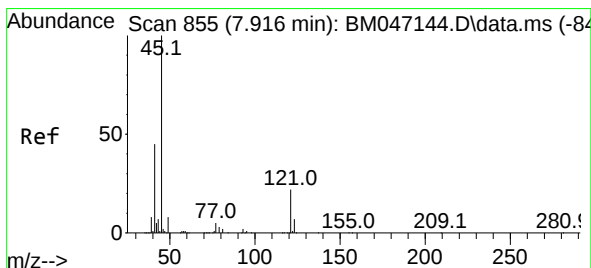
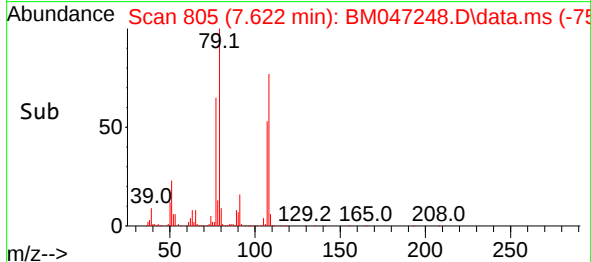
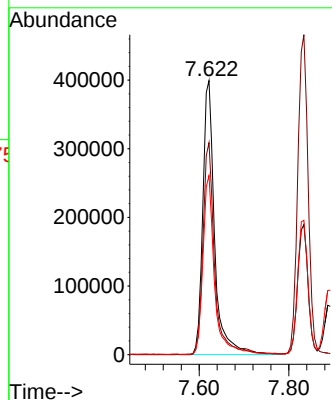
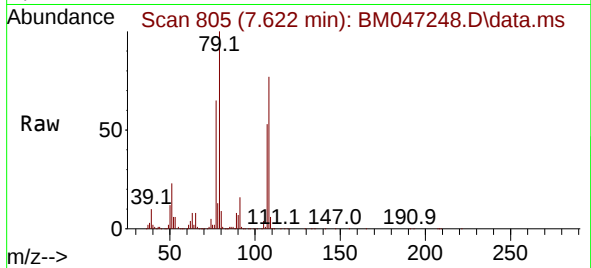




#15
Benzyl Alcohol
Concen: 49.908 ng
RT: 7.622 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

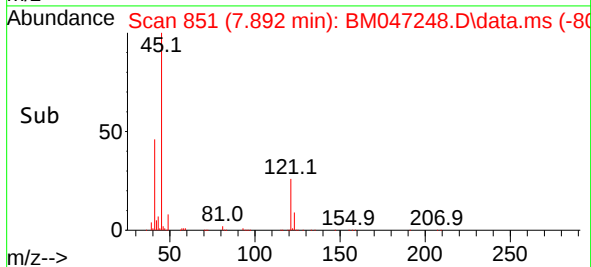
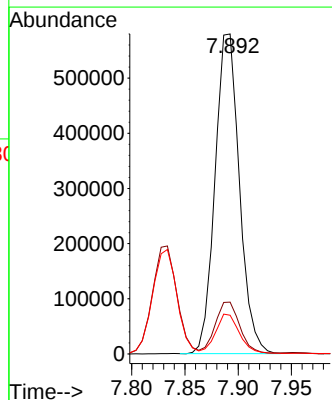
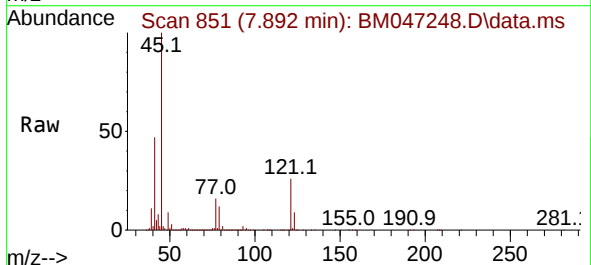
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

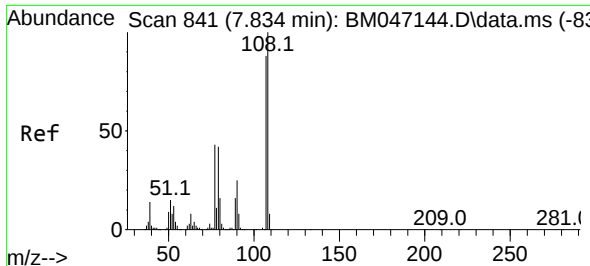
Tgt Ion: 79 Resp: 727514
Ion Ratio Lower Upper
79 100
108 77.3 59.7 89.5
77 65.4 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.058 ng
RT: 7.892 min Scan# 851
Delta R.T. -0.024 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 45 Resp: 922108
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.6
79 12.1 0.0 32.4

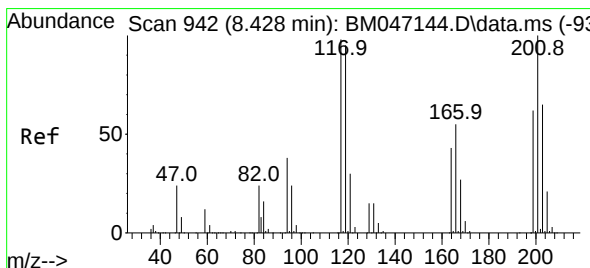
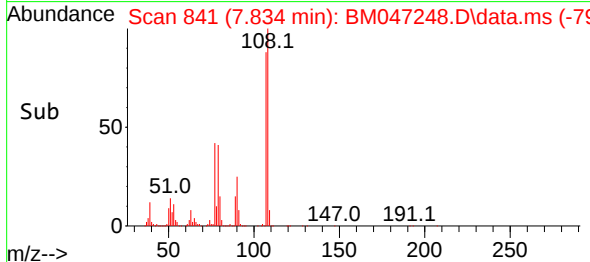
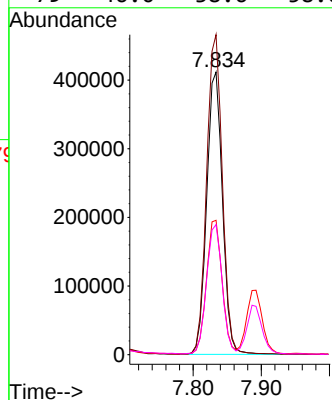
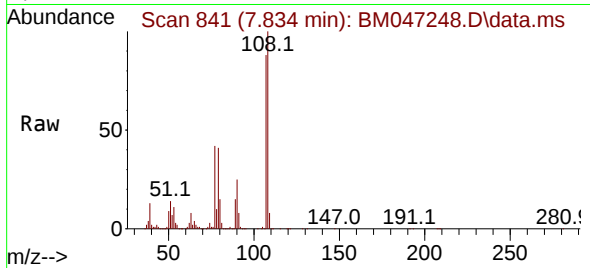




#17
2-Methylphenol
Concen: 48.563 ng
RT: 7.834 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

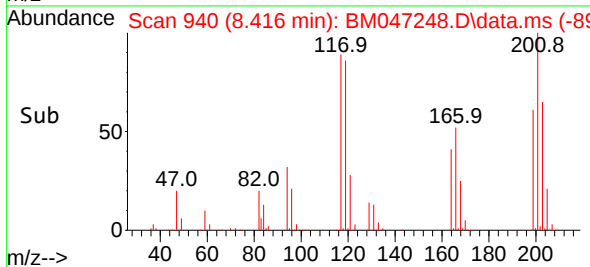
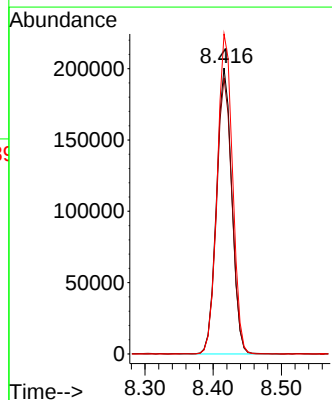
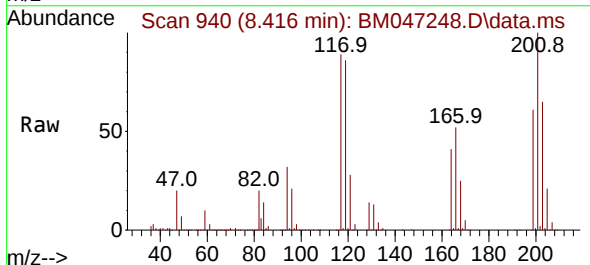
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

Tgt Ion:	107	Resp:	662147
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.6	135.8
77	47.6	39.3	58.9
79	46.0	38.6	58.0



#18
Hexachloroethane
Concen: 41.498 ng
RT: 8.416 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:	117	Resp:	313548
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.4
201	111.9	81.3	121.9

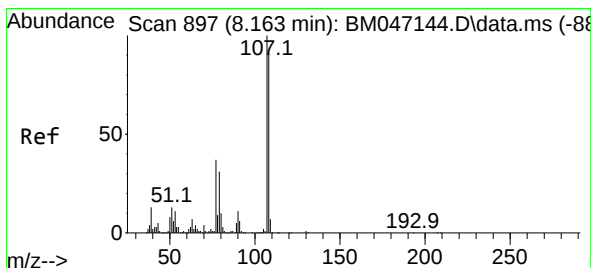
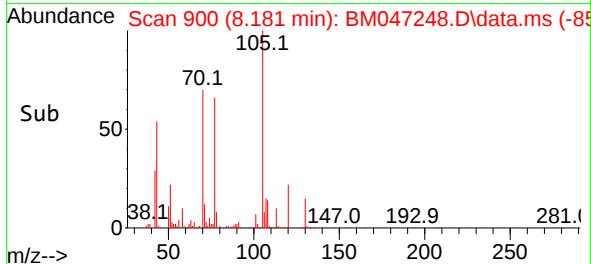
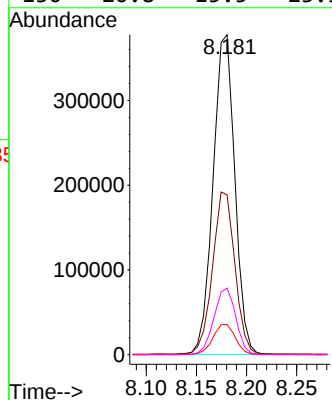
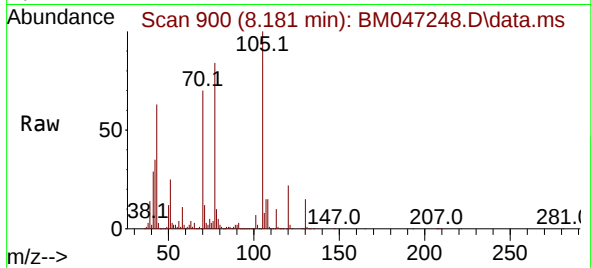




#19
n-Nitroso-di-n-propylamine
Concen: 41.220 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

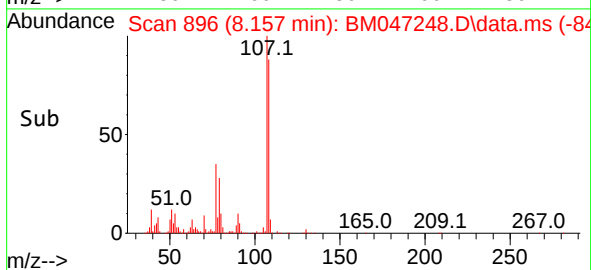
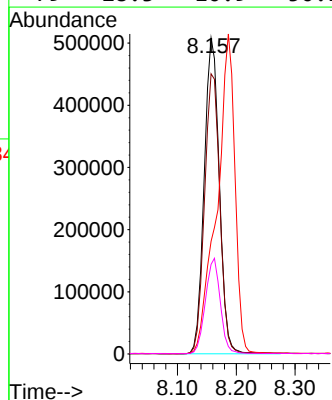
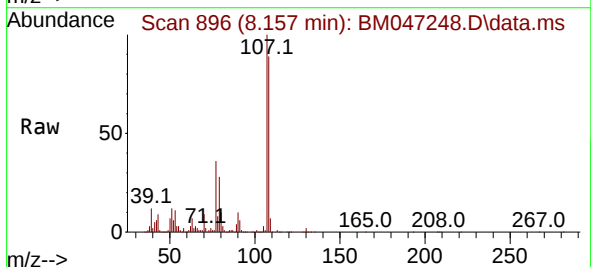
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

Tgt Ion: 70 Resp: 568696
Ion Ratio Lower Upper
70 100
42 49.9 42.0 63.0
101 9.4 7.2 10.8
130 20.8 15.5 23.3



#20
3+4-Methylphenols
Concen: 47.550 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 107 Resp: 906389
Ion Ratio Lower Upper
107 100
108 88.6 70.7 110.7
77 35.7 17.4 57.4
79 28.3 10.9 50.9

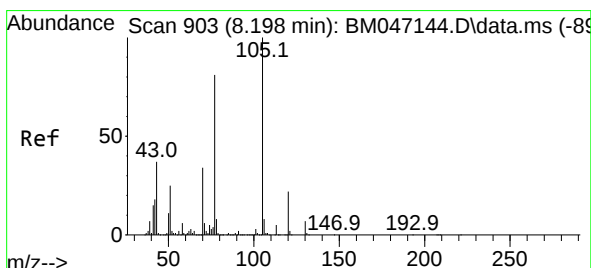
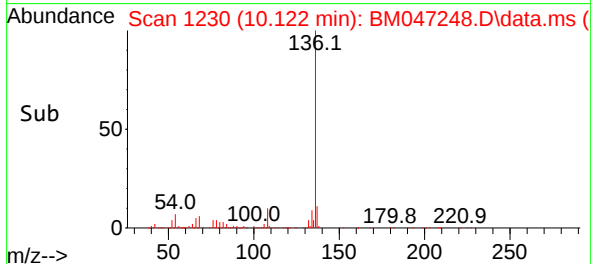
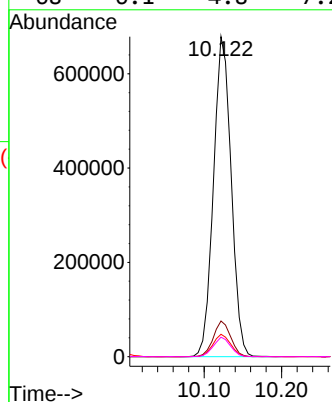
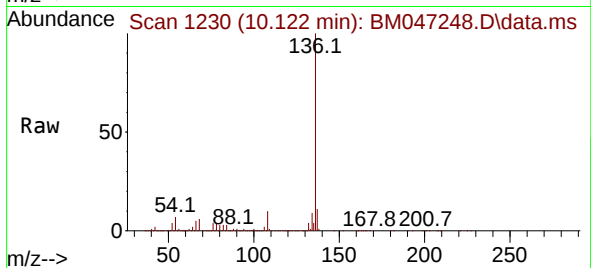




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

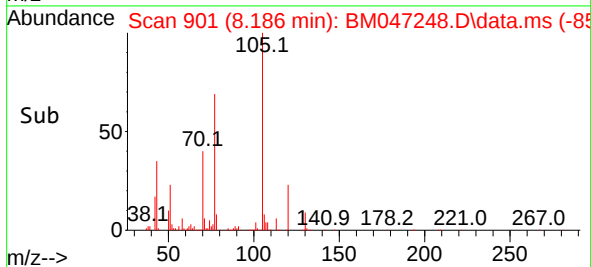
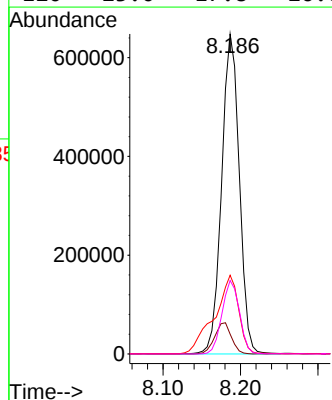
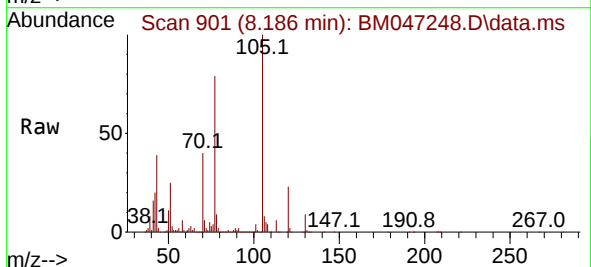
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

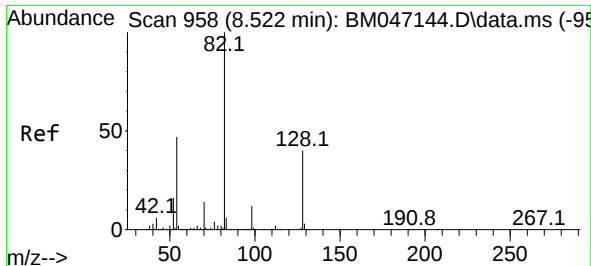
Tgt Ion:136 Resp: 1076893
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.0 6.0 9.0
68 6.1 4.8 7.2



#22
Acetophenone
Concen: 39.519 ng
RT: 8.186 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:105 Resp: 1027265
Ion Ratio Lower Upper
105 100
71 6.2 4.5 6.7
51 24.6 20.1 30.1
120 23.0 17.8 26.6

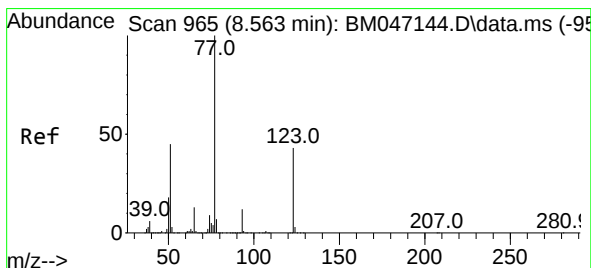
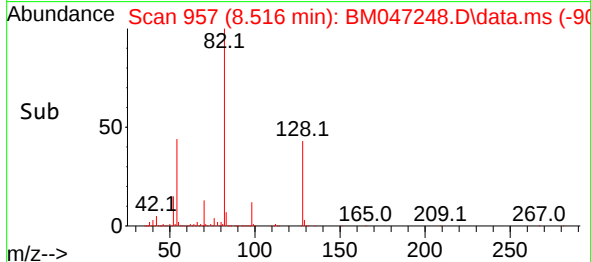
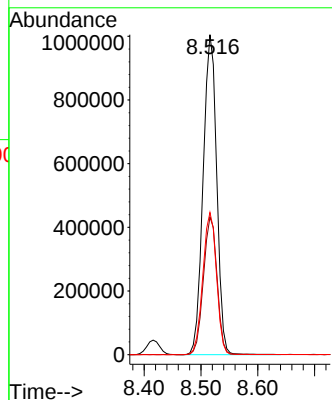
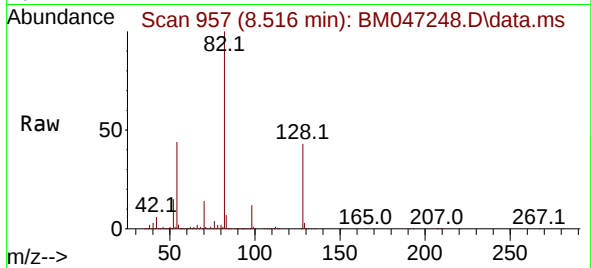




#23
Nitrobenzene-d5
Concen: 77.936 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

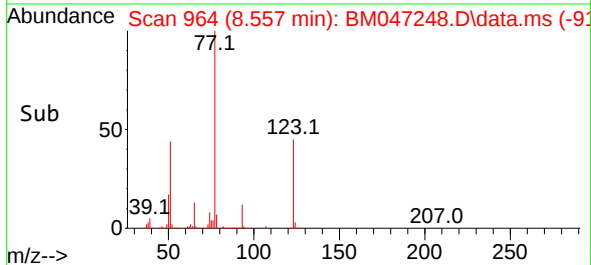
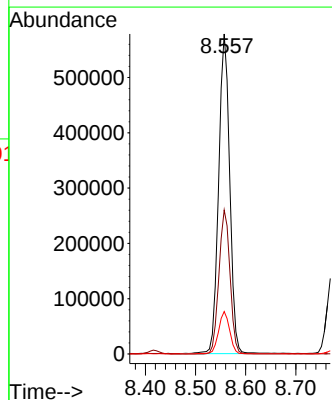
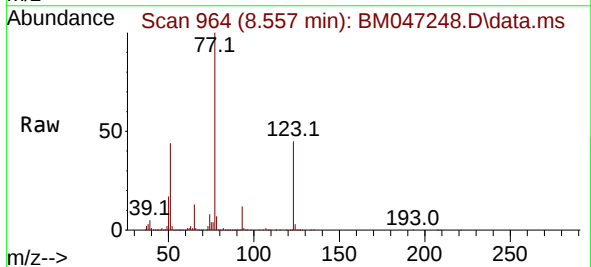
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

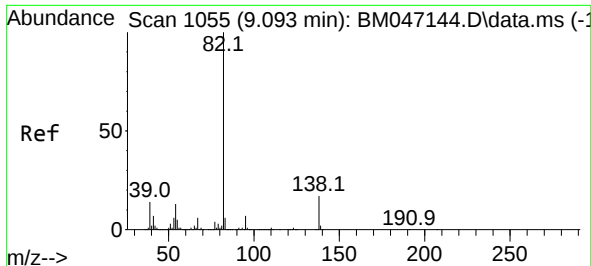
Tgt Ion: 82 Resp: 1666804
Ion Ratio Lower Upper
82 100
128 43.0 32.3 48.5
54 44.4 37.4 56.2



#24
Nitrobenzene
Concen: 41.052 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 77 Resp: 884058
Ion Ratio Lower Upper
77 100
123 45.0 34.0 51.0
65 13.2 10.5 15.7

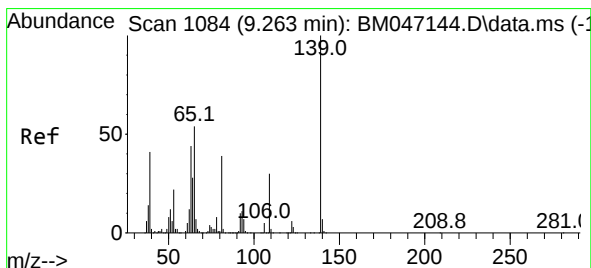
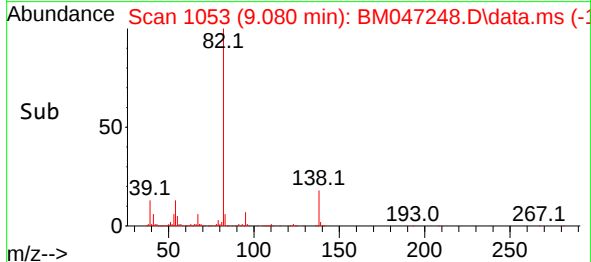
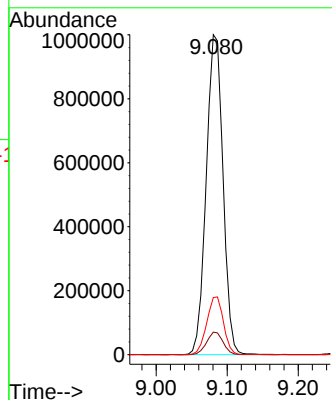
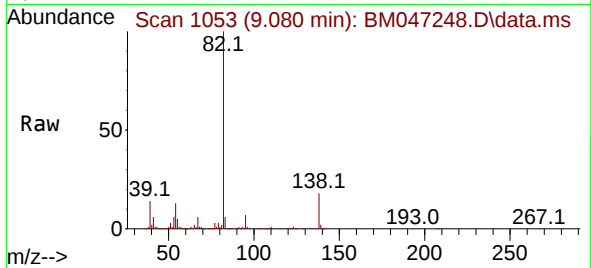




#25
Isophorone
Concen: 44.168 ng
RT: 9.080 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

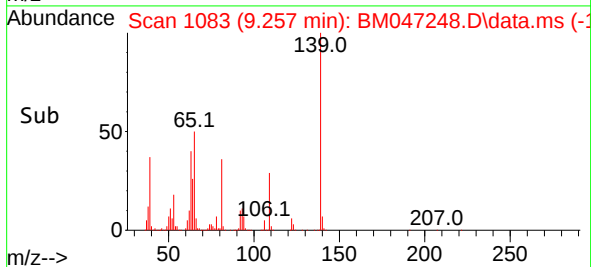
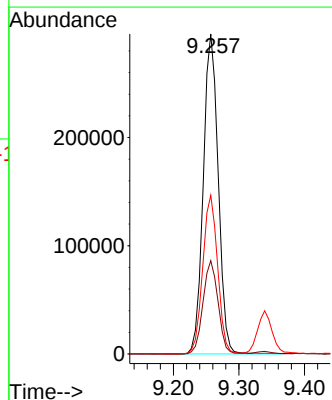
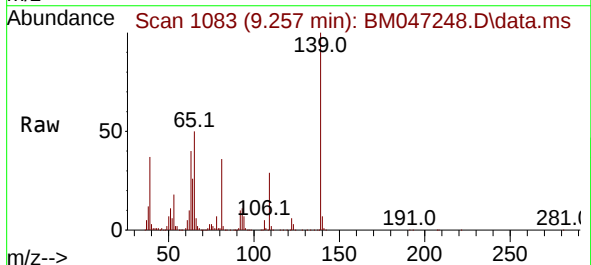
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

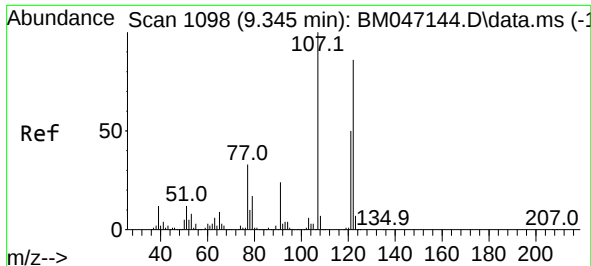
Tgt Ion: 82 Resp: 1644726
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.9 13.5 20.3



#26
2-Nitrophenol
Concen: 49.222 ng
RT: 9.257 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:139 Resp: 469438
Ion Ratio Lower Upper
139 100
109 29.1 24.4 36.6
65 49.6 43.0 64.6

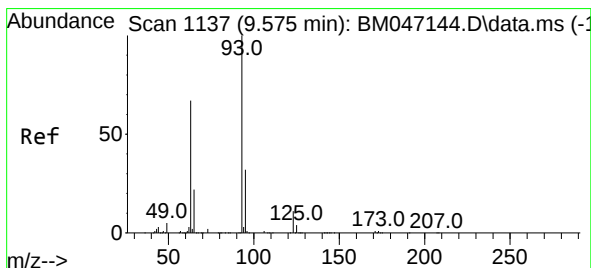
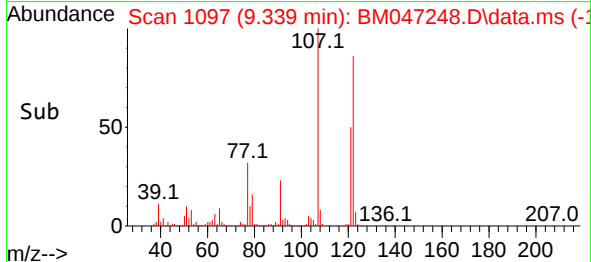
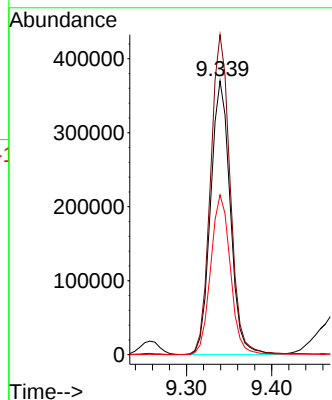
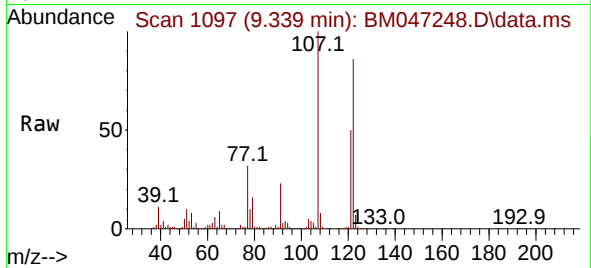




#27
2,4-Dimethylphenol
Concen: 52.927 ng
RT: 9.339 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

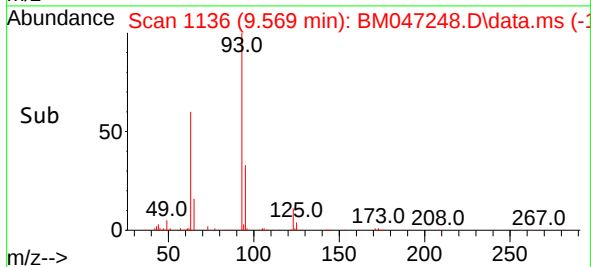
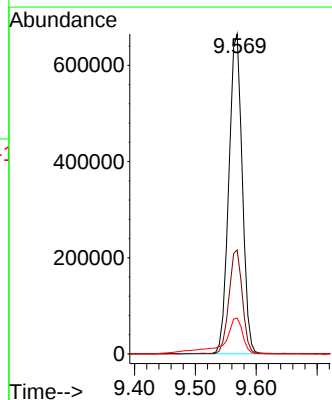
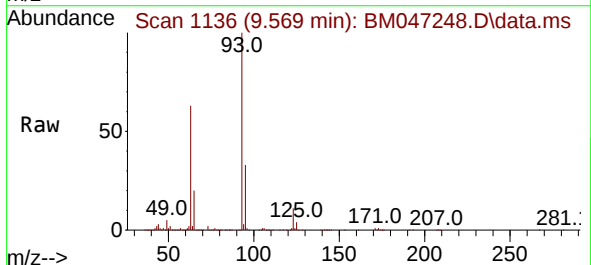
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

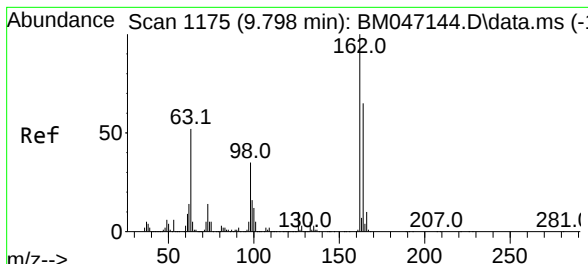
Tgt Ion:122 Resp: 591287
Ion Ratio Lower Upper
122 100
107 116.9 92.8 139.2
121 58.4 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.489 ng
RT: 9.569 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 93 Resp: 1018995
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.2 9.0 13.4



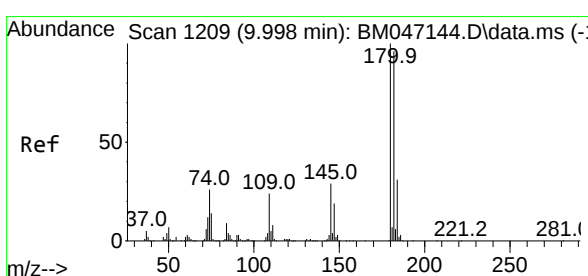
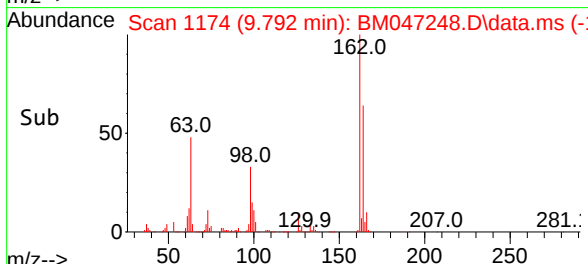
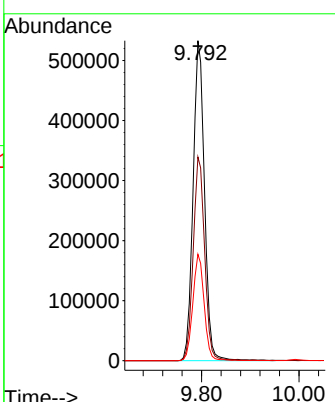
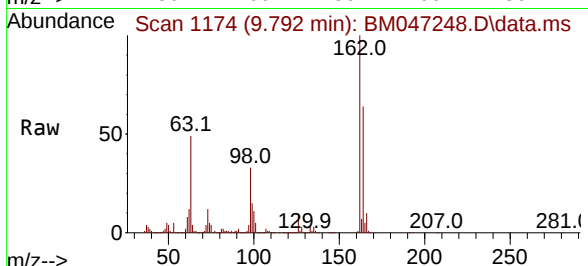


#29
 2,4-Dichlorophenol
 Concen: 52.589 ng
 RT: 9.792 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

Instrument :
 BNA_M
 ClientSampleId :
 PB162722BSD

Tgt Ion:162 Resp: 871739

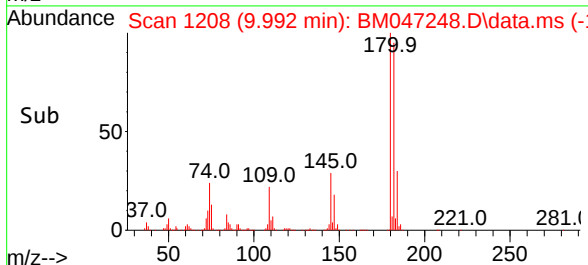
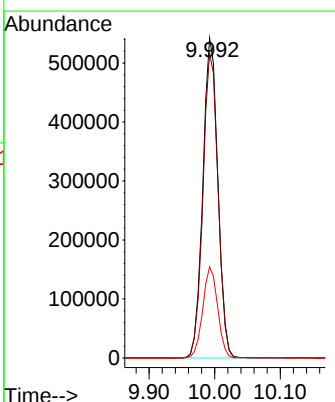
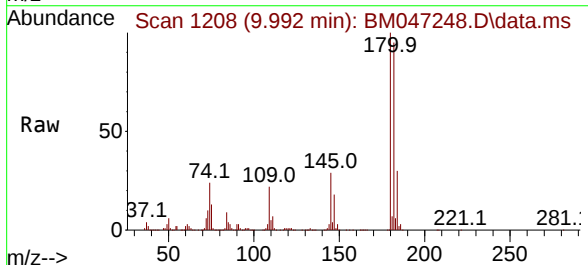
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.7	84.7
98	33.3	14.9	54.9

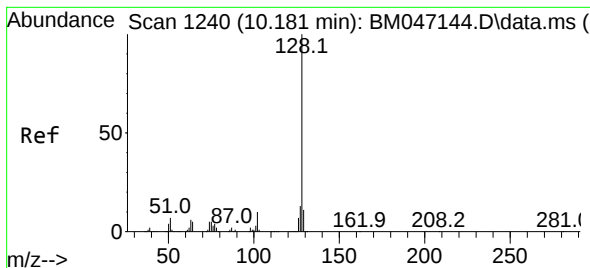


#30
 1,2,4-Trichlorobenzene
 Concen: 46.056 ng
 RT: 9.992 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

Tgt Ion:180 Resp: 863965

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	115.0
145	28.5	23.4	35.2

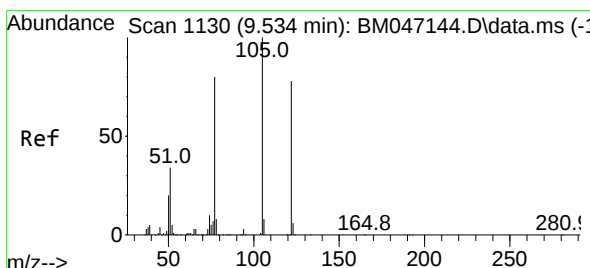
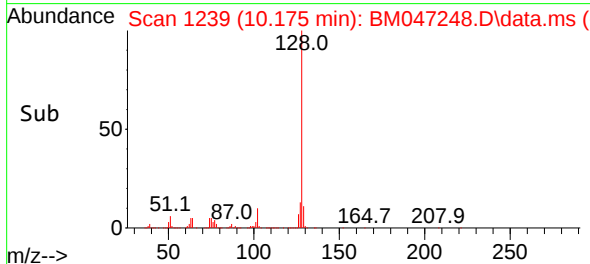
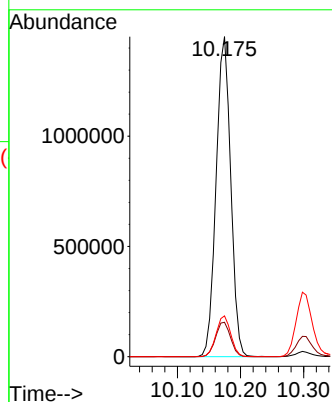
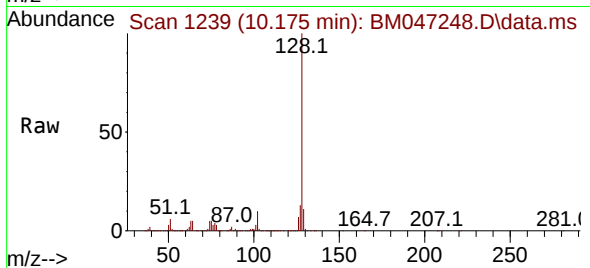




#31
Naphthalene
Concen: 43.420 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

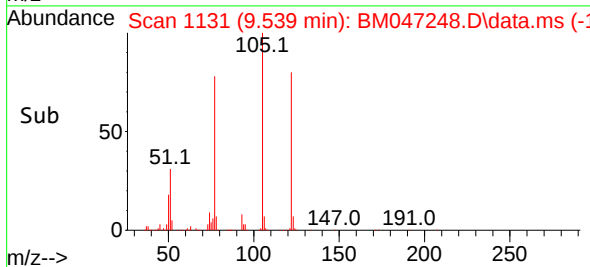
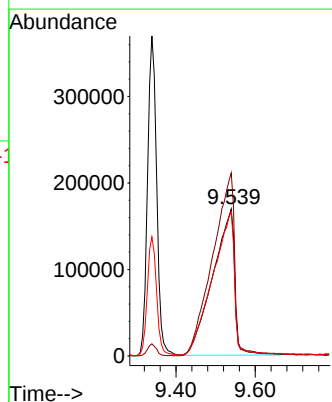
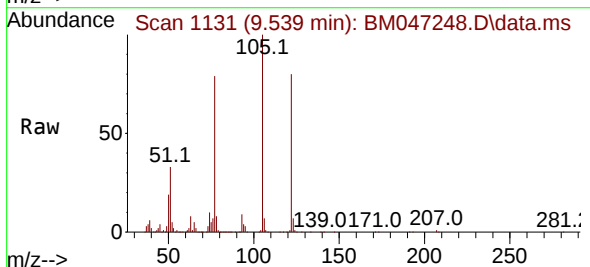
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

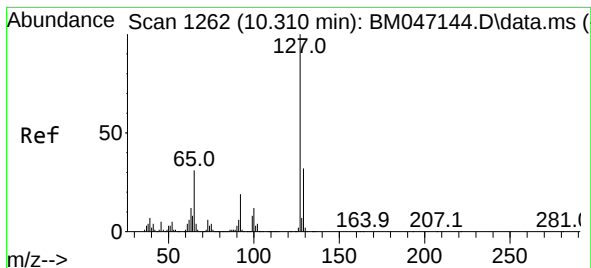
Tgt Ion:128 Resp: 2329366
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.7 10.2 15.4



#32
Benzoic acid
Concen: 49.823 ng
RT: 9.539 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:122 Resp: 646679
Ion Ratio Lower Upper
122 100
105 124.5 107.1 147.1
77 98.2 82.1 122.1

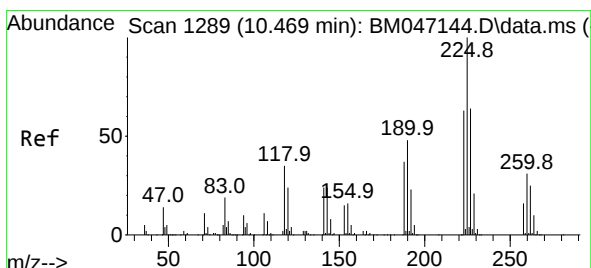
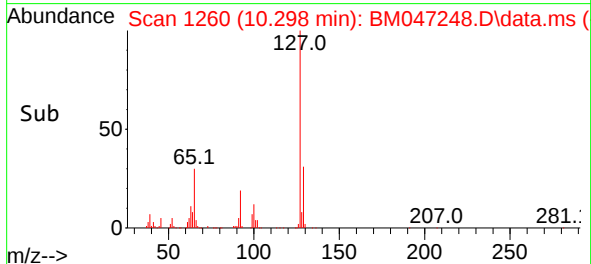
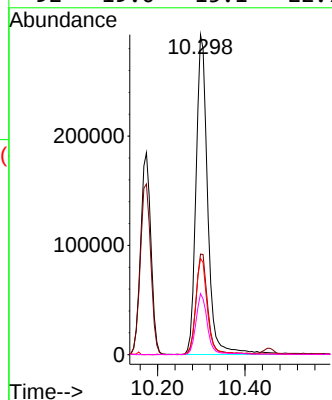
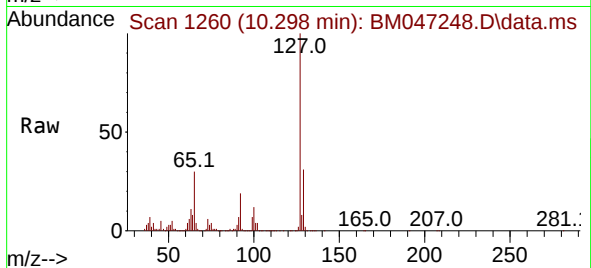




#33
4-Chloroaniline
Concen: 26.472 ng
RT: 10.298 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

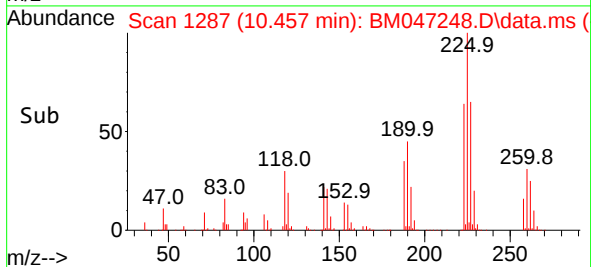
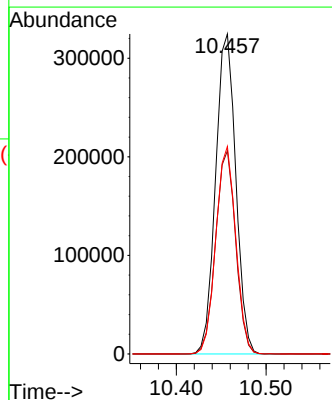
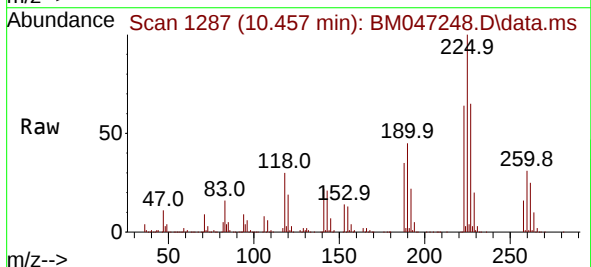
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

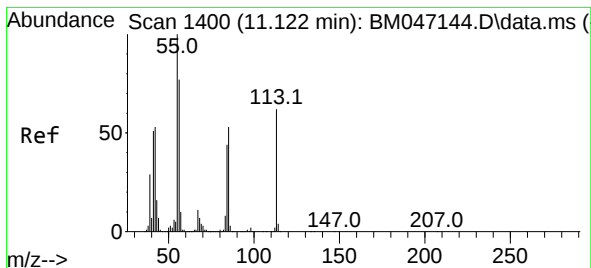
Tgt Ion:127	Resp:	546120
Ion Ratio	Lower	Upper
127	100	
129	31.5	25.8 38.8
65	30.0	24.9 37.3
92	19.0	15.1 22.7



#34
Hexachlorobutadiene
Concen: 46.190 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:225	Resp:	507158
Ion Ratio	Lower	Upper
225	100	
223	63.5	50.2 75.2
227	64.9	51.4 77.0

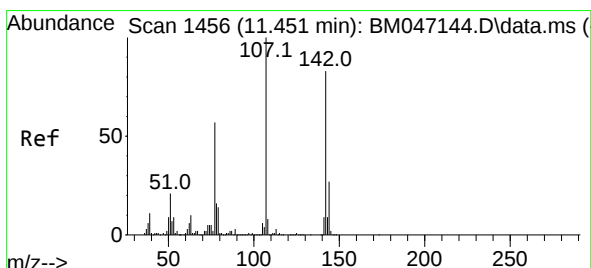
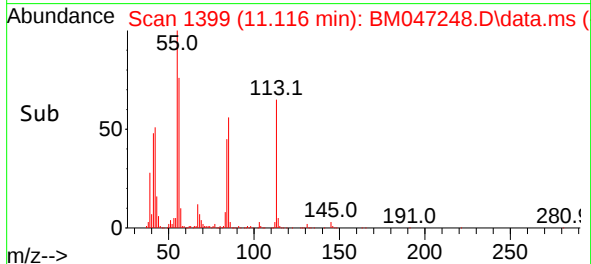
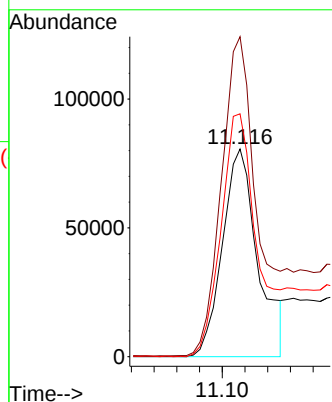
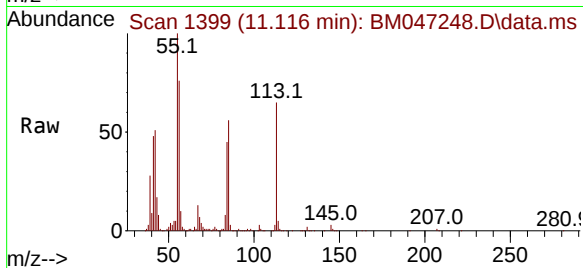




#35
 Caprolactam
 Concen: 30.249 ng
 RT: 11.116 min Scan# 1116
 Delta R.T. -0.006 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

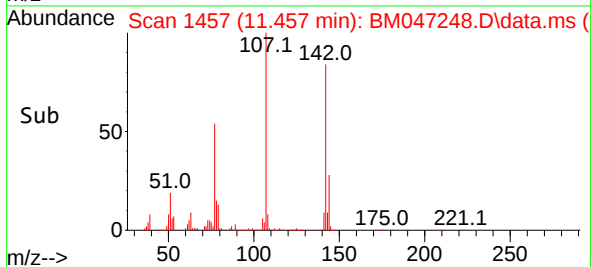
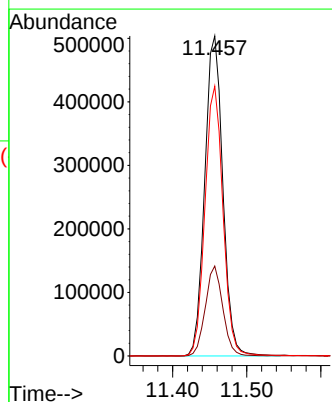
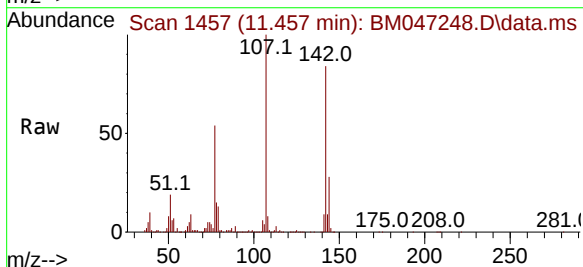
Instrument :
 BNA_M
 ClientSampleId :
 PB162722BSD

Tgt Ion:113 Resp: 174131
 Ion Ratio Lower Upper
 113 100
 55 154.1 140.5 180.5
 56 117.0 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.396 ng
 RT: 11.457 min Scan# 1457
 Delta R.T. 0.006 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

Tgt Ion:107 Resp: 854374
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.8 32.6
 142 84.3 66.8 100.2

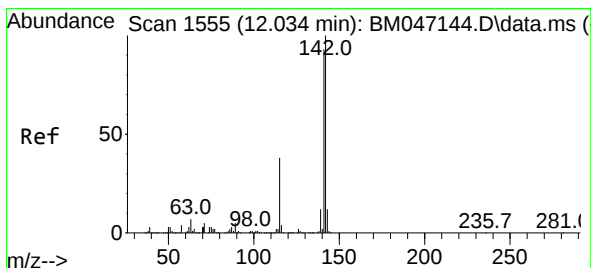
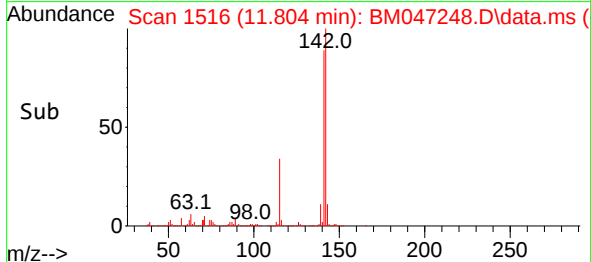
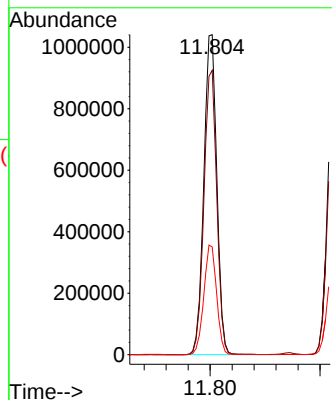
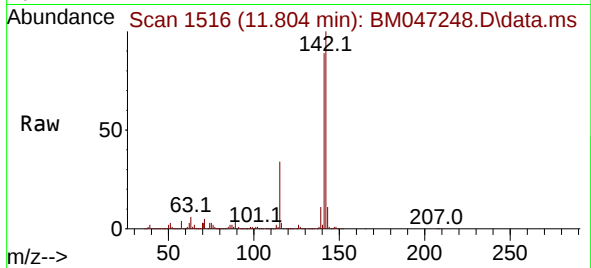




#37
2-Methylnaphthalene
Concen: 44.627 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

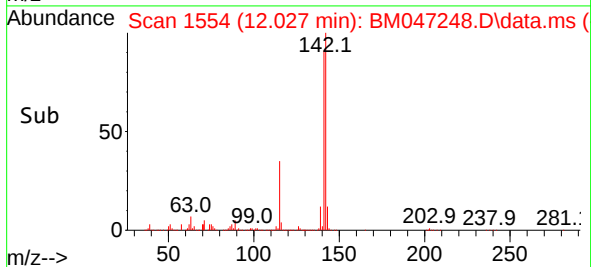
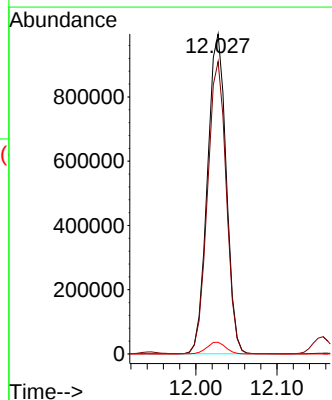
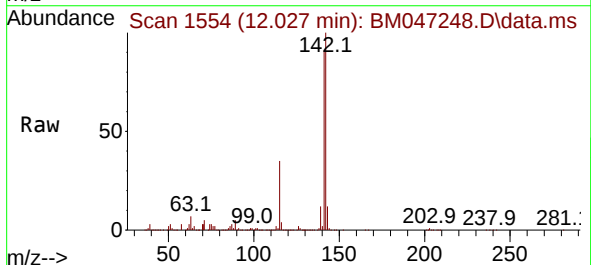
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

Tgt Ion:142 Resp: 1704601
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3
115 33.7 28.7 43.1



#38
1-Methylnaphthalene
Concen: 42.292 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:142 Resp: 1596541
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.027 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

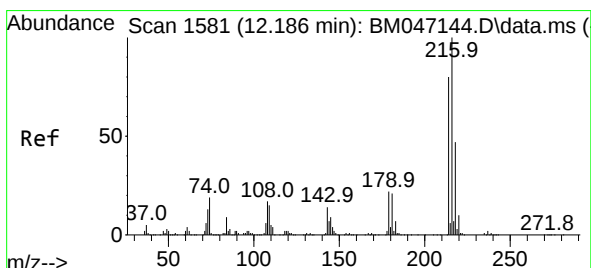
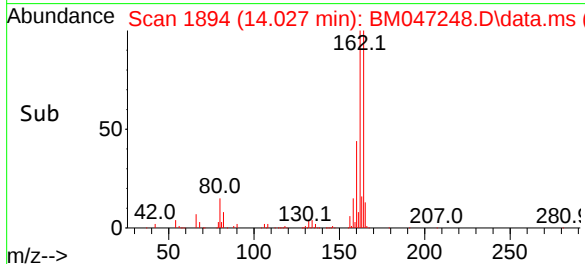
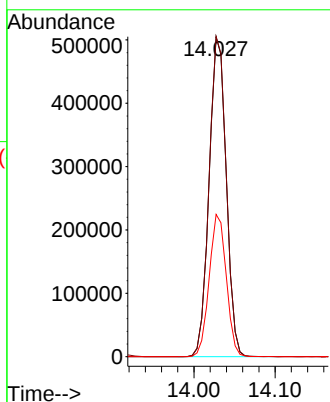
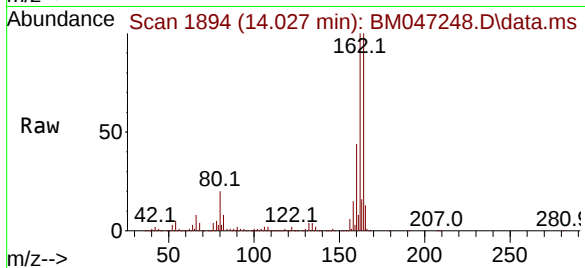
Tgt Ion:164 Resp: 737861

Ion Ratio Lower Upper

164 100

162 100.1 80.7 121.1

160 44.5 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.743 ng

RT: 12.186 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Tgt Ion:216 Resp: 900468

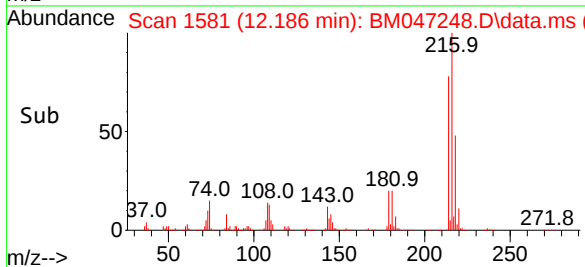
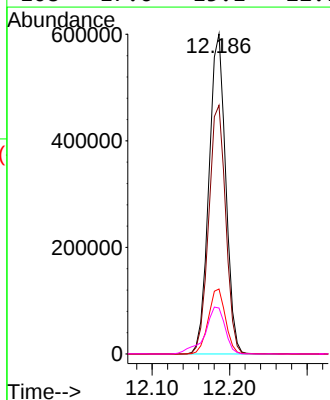
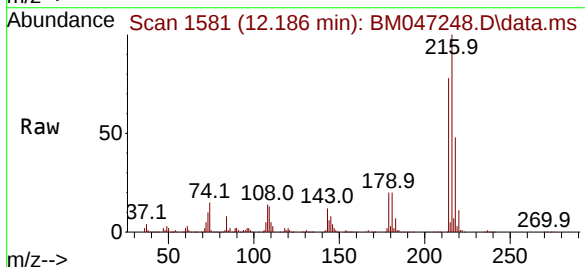
Ion Ratio Lower Upper

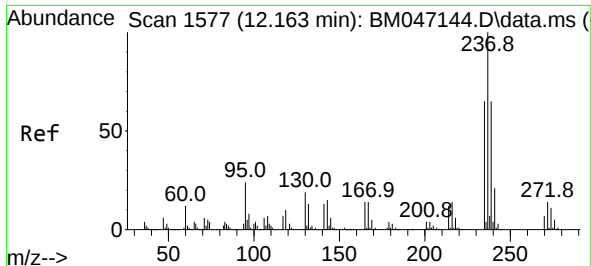
216 100

214 78.7 63.4 95.2

179 20.8 17.6 26.4

108 17.6 15.1 22.7

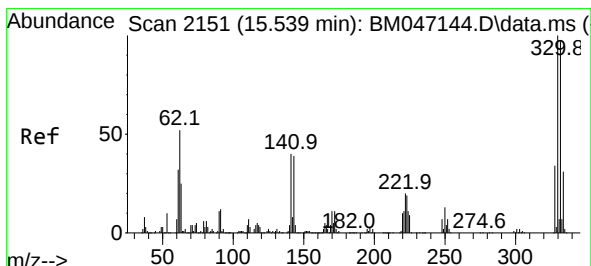
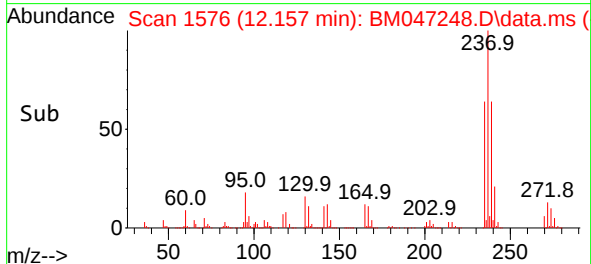
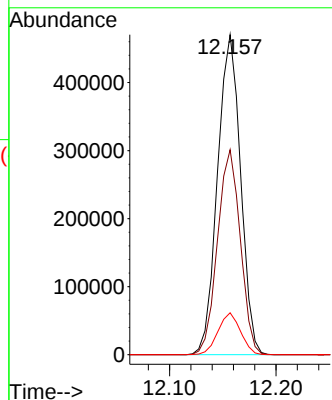
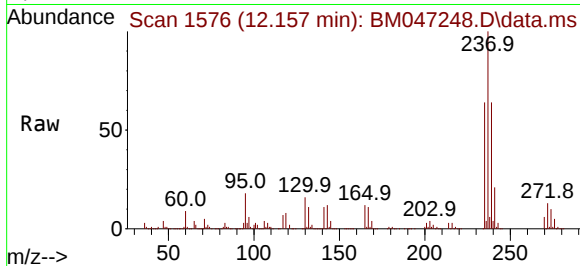




#41
Hexachlorocyclopentadiene
Concen: 100.583 ng
RT: 12.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

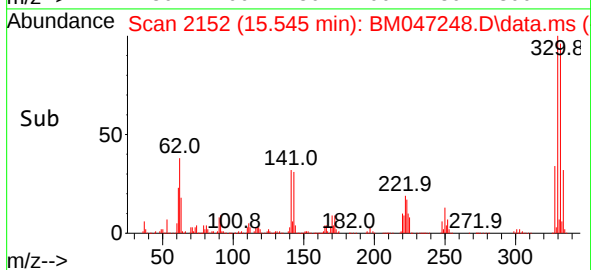
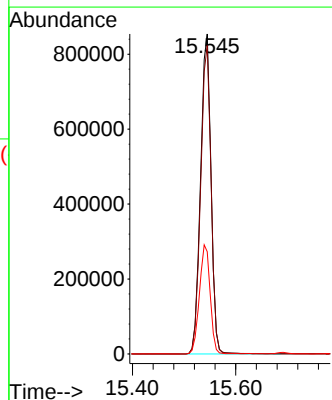
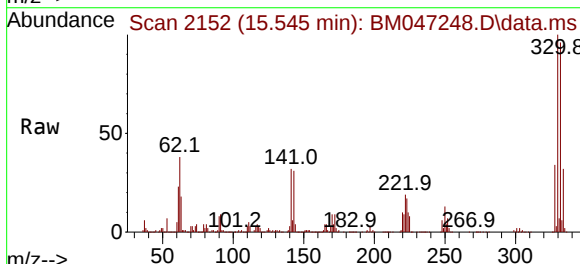
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

Tgt Ion:237 Resp: 706855
Ion Ratio Lower Upper
237 100
235 64.0 44.8 84.8
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 140.190 ng
RT: 15.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:330 Resp: 1199413
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 35.0 31.6 47.4

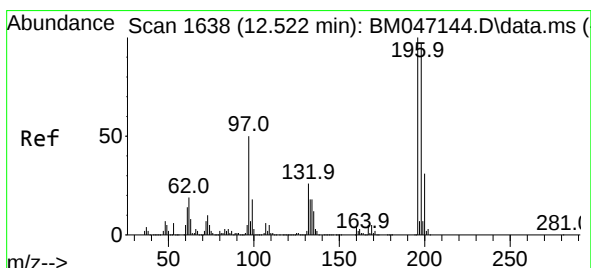
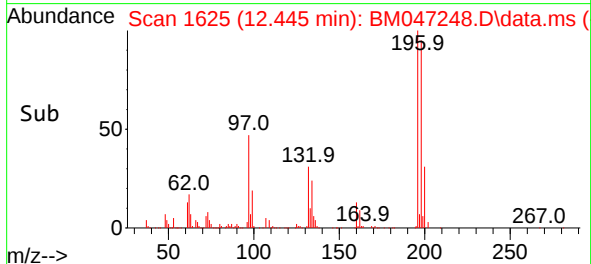
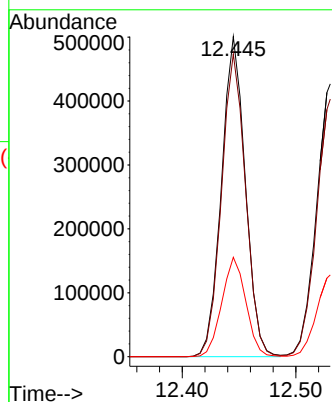
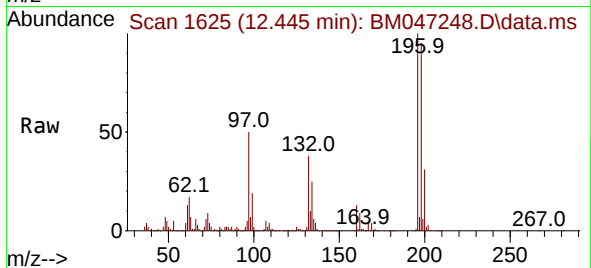




#43
2,4,6-Trichlorophenol
Concen: 51.053 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

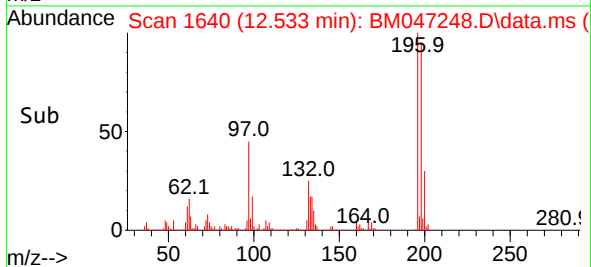
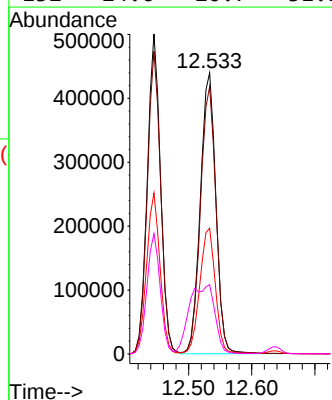
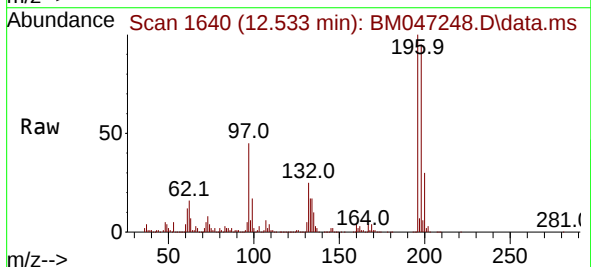
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

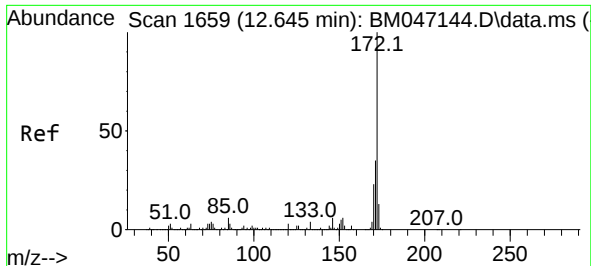
Tgt Ion:196 Resp: 730297
Ion Ratio Lower Upper
196 100
198 94.6 75.6 113.4
200 31.0 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 47.342 ng
RT: 12.533 min Scan# 1640
Delta R.T. 0.011 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:196 Resp: 751909
Ion Ratio Lower Upper
196 100
198 95.1 77.7 116.5
97 44.7 39.8 59.8
132 24.6 20.7 31.1

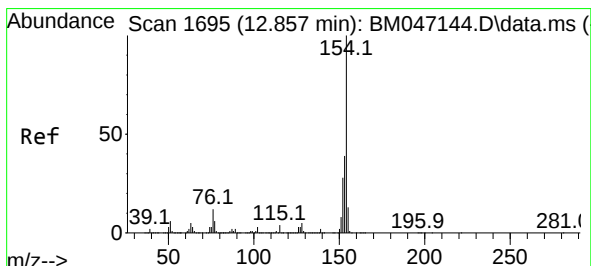
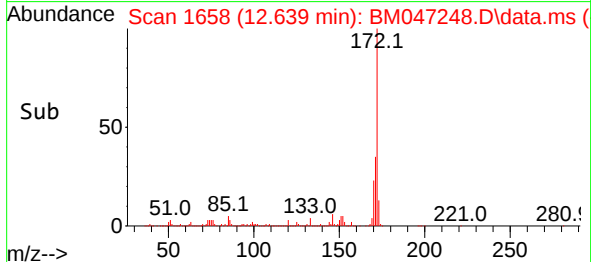
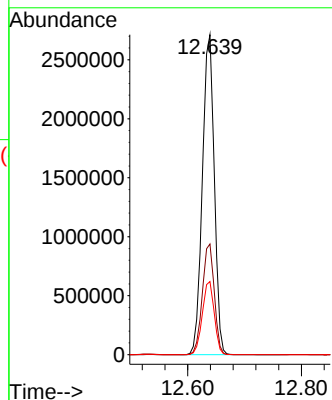
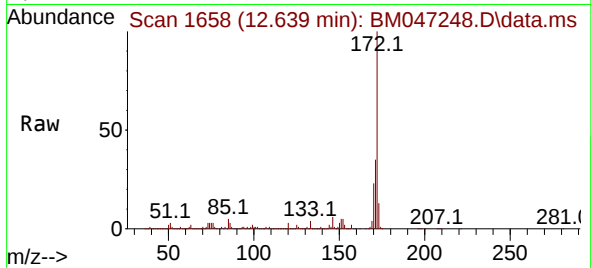




#45
2-Fluorobiphenyl
Concen: 82.592 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

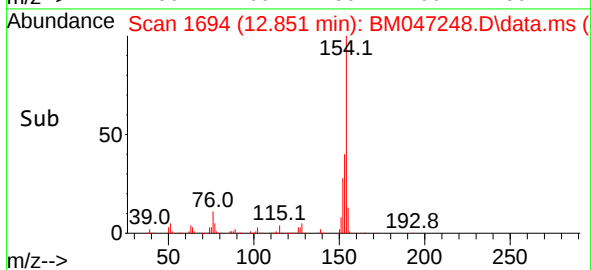
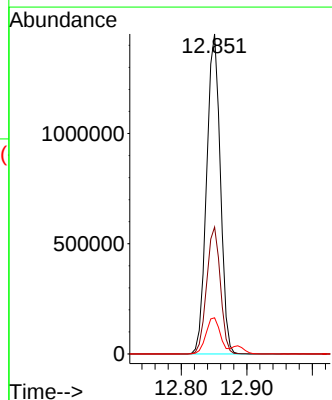
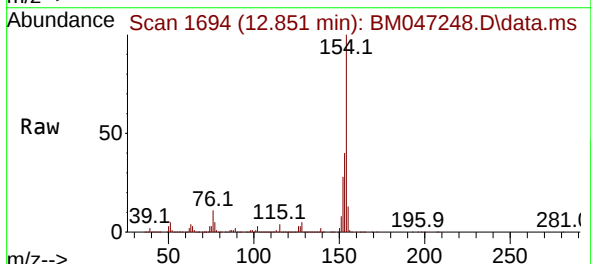
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

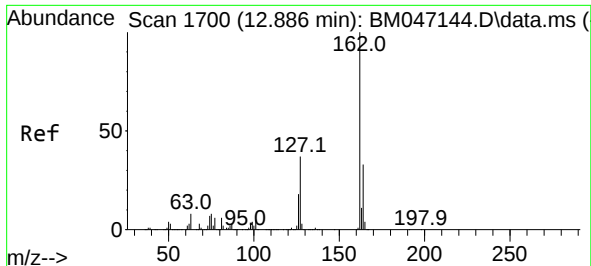
Tgt Ion:172 Resp: 3950762
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.8 18.7 28.1



#46
1,1'-Biphenyl
Concen: 40.186 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:154 Resp: 2110926
Ion Ratio Lower Upper
154 100
153 39.7 19.0 59.0
76 11.3 0.0 31.9

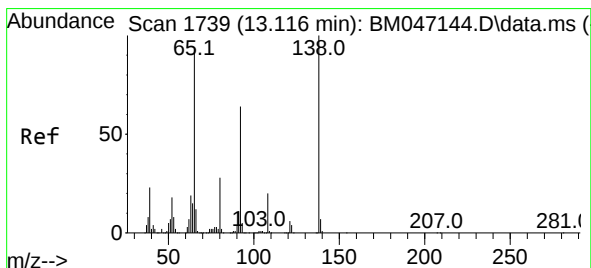
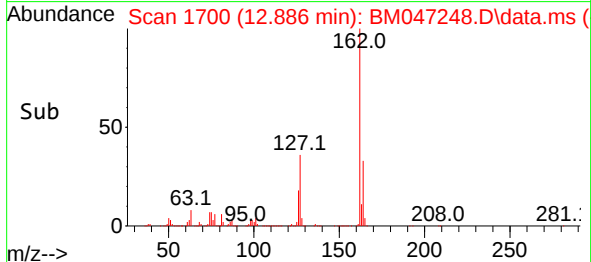
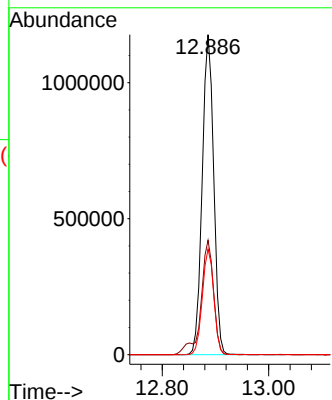
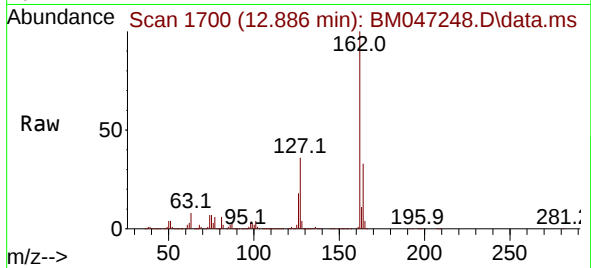




#47
2-Chloronaphthalene
Concen: 42.883 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

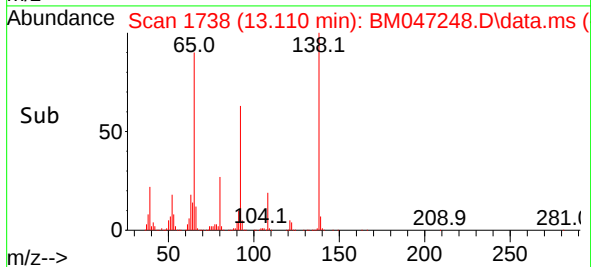
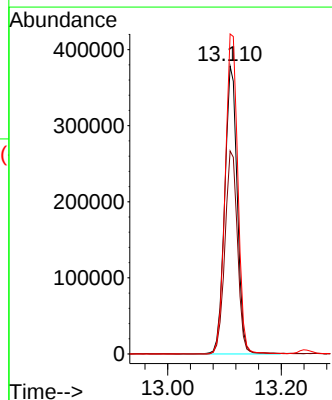
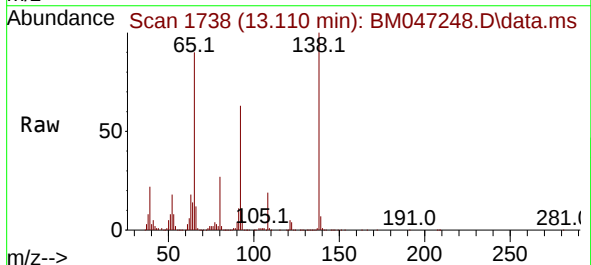
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

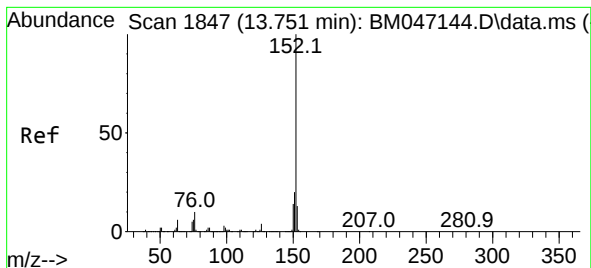
Tgt Ion:162 Resp: 1760638
Ion Ratio Lower Upper
162 100
127 35.7 30.0 45.0
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 45.429 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 65 Resp: 584327
Ion Ratio Lower Upper
65 100
92 70.5 55.1 82.7
138 111.2 85.9 128.9





#49

Acenaphthylene

Concen: 48.112 ng

RT: 13.745 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

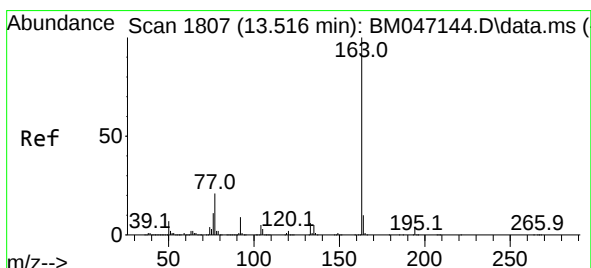
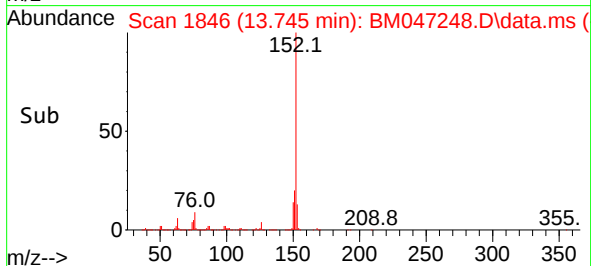
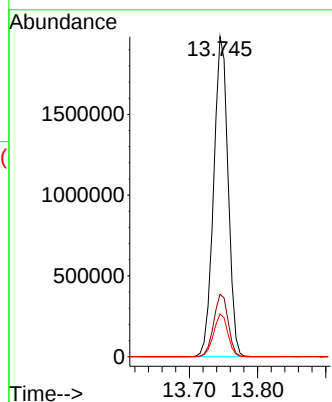
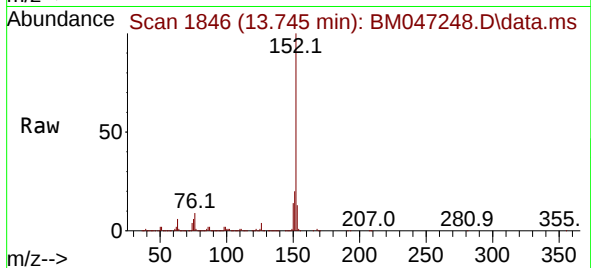
Tgt Ion:152 Resp: 2911725

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 46.245 ng

RT: 13.510 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

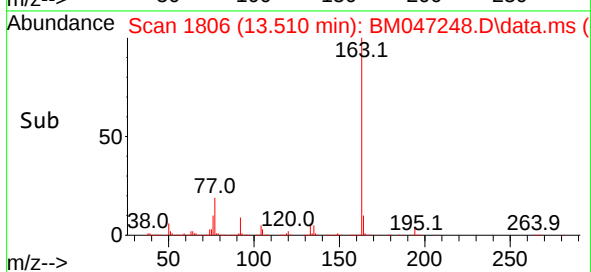
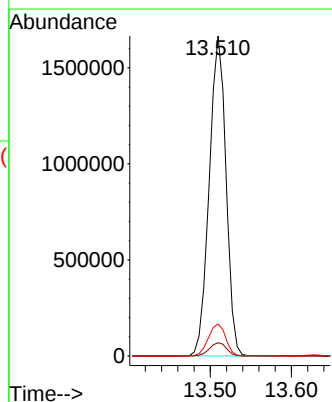
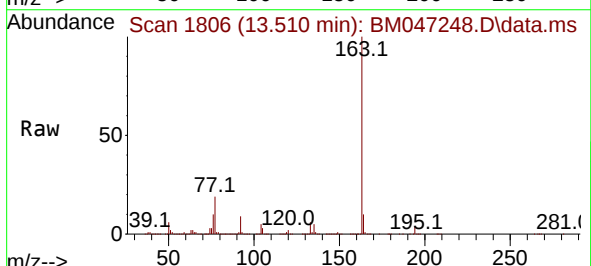
Tgt Ion:163 Resp: 2383136

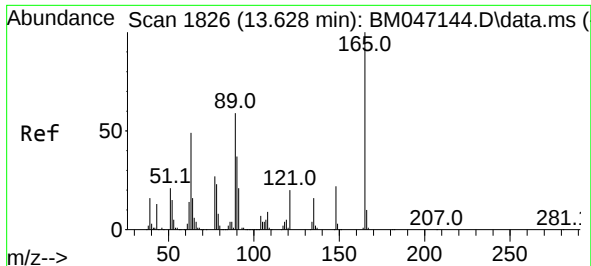
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 10.0 8.0 12.0

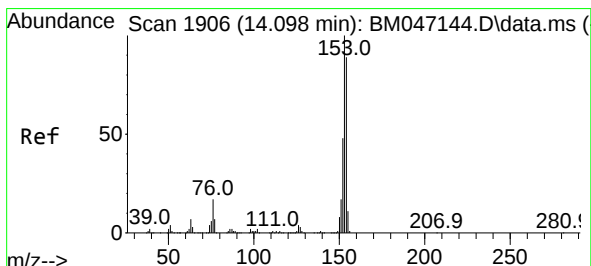
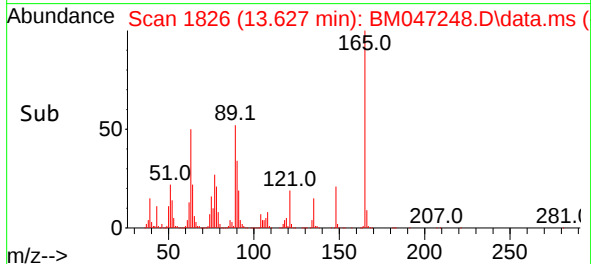
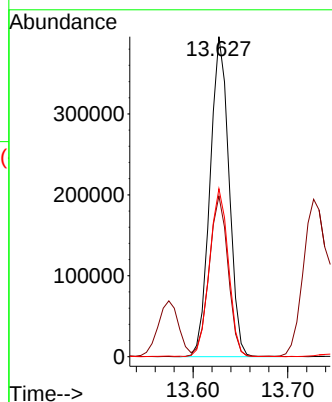
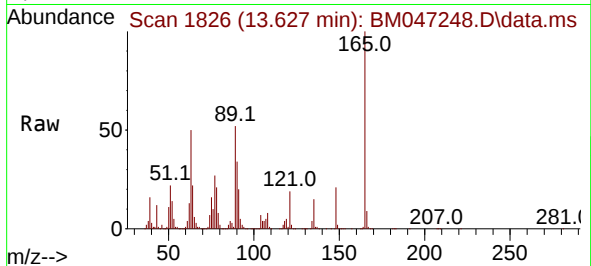




#51
2,6-Dinitrotoluene
Concen: 45.595 ng
RT: 13.627 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

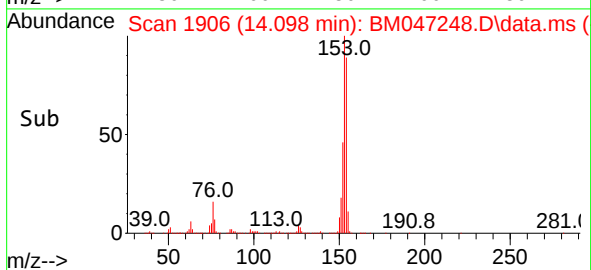
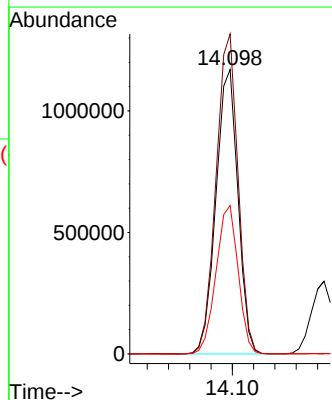
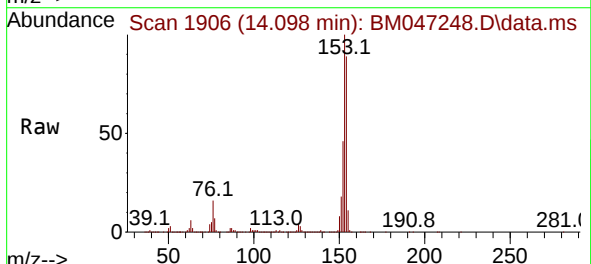
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

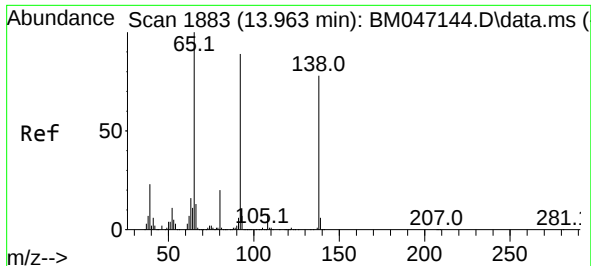
Tgt Ion:165 Resp: 549262
Ion Ratio Lower Upper
165 100
63 50.2 46.5 69.7
89 52.5 47.3 70.9



#52
Acenaphthene
Concen: 43.626 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:154 Resp: 1674765
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 52.2 42.9 64.3

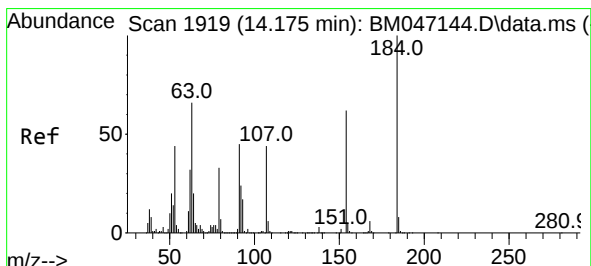
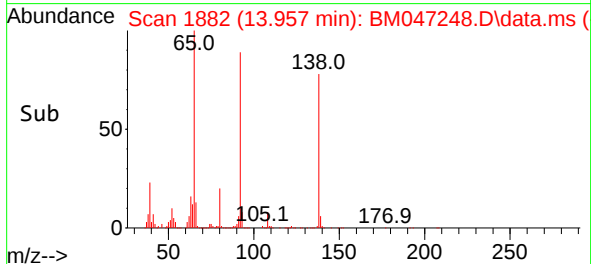
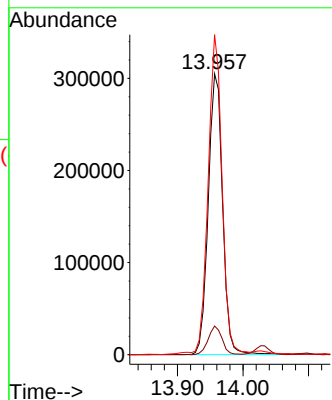
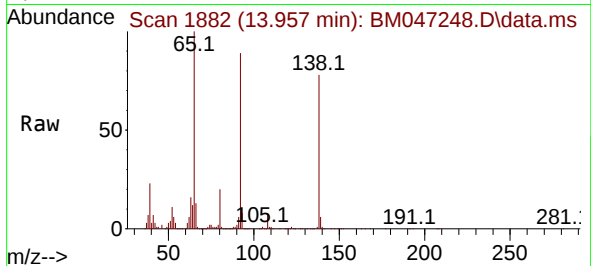




#53
3-Nitroaniline
Concen: 38.461 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

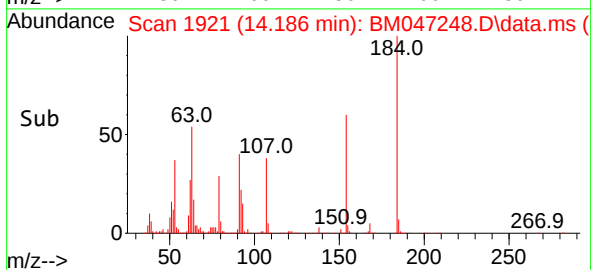
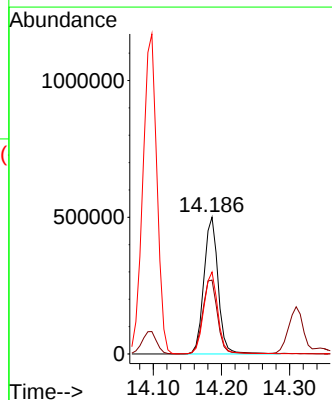
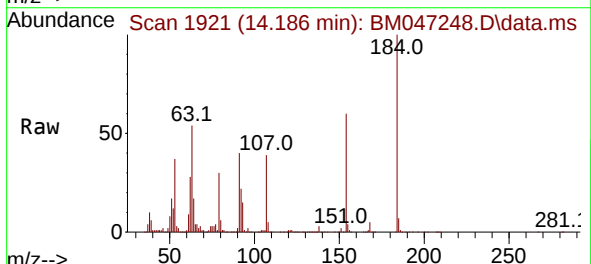
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

Tgt Ion:138 Resp: 464266
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 114.0 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 100.687 ng
RT: 14.186 min Scan# 1921
Delta R.T. 0.011 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:184 Resp: 726962
Ion Ratio Lower Upper
184 100
63 54.0 52.7 79.1
154 59.9 50.4 75.6

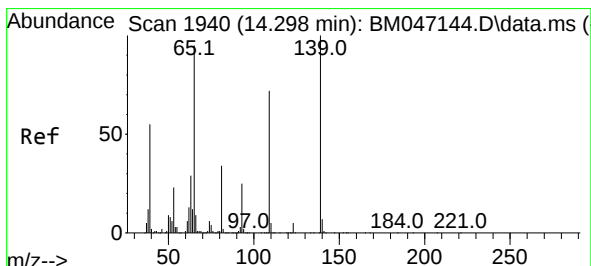
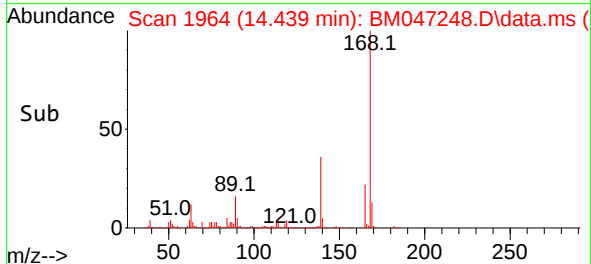
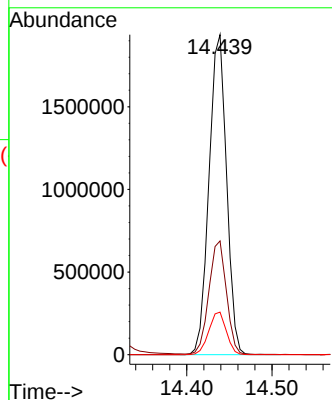
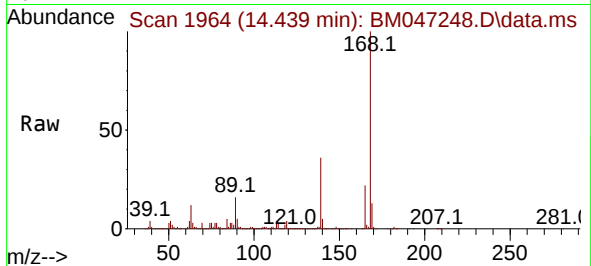




#55
Dibenzofuran
Concen: 45.596 ng
RT: 14.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

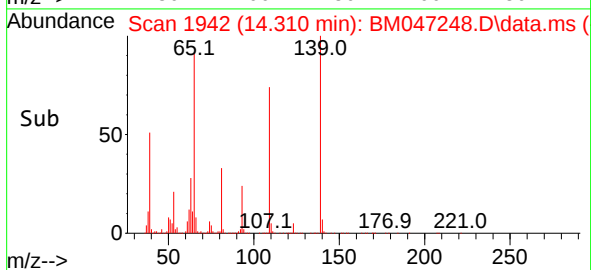
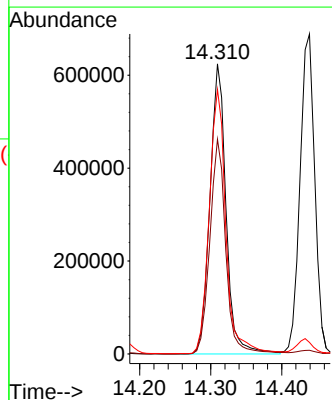
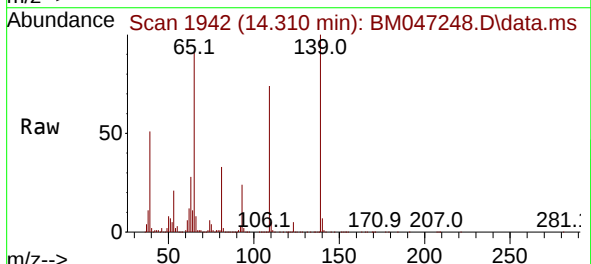
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

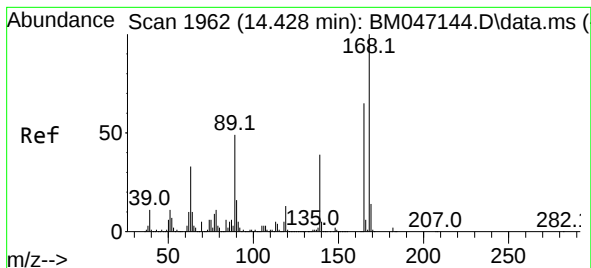
Tgt Ion:168 Resp: 2764832
Ion Ratio Lower Upper
168 100
139 35.6 29.6 44.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 94.708 ng
RT: 14.310 min Scan# 1942
Delta R.T. 0.012 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:139 Resp: 985808
Ion Ratio Lower Upper
139 100
109 74.1 52.5 92.5
65 91.2 75.4 115.4

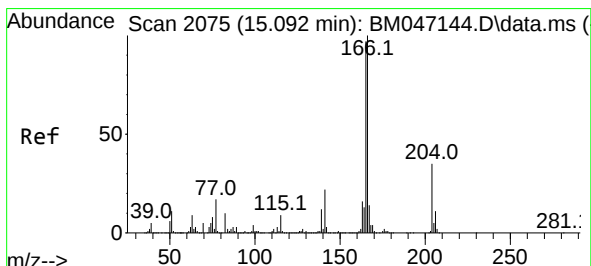
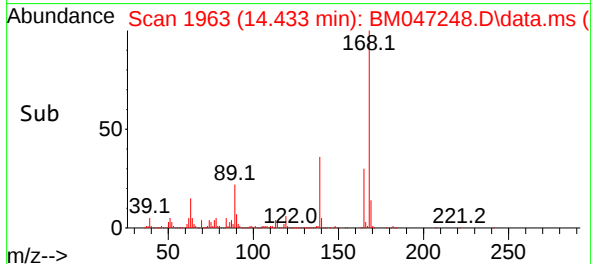
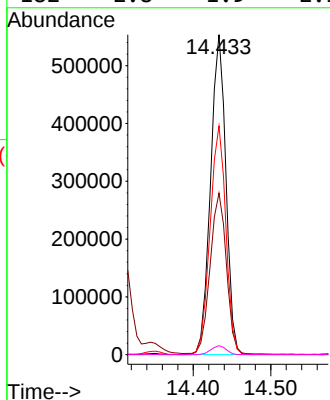
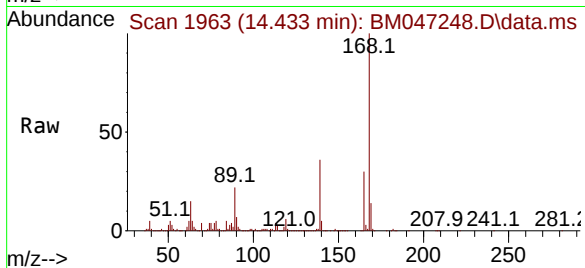




#57
2,4-Dinitrotoluene
Concen: 47.204 ng
RT: 14.433 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

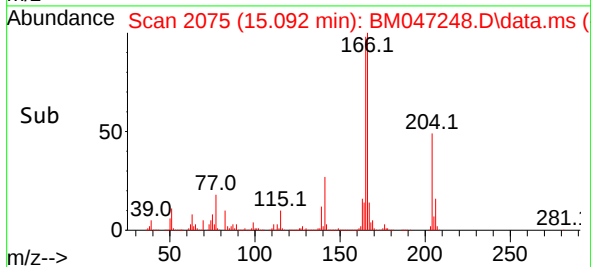
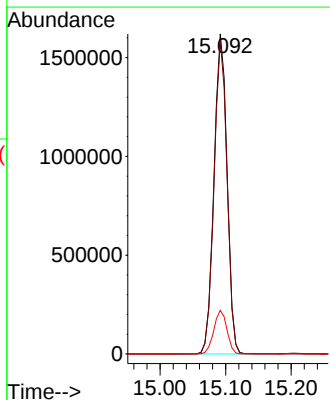
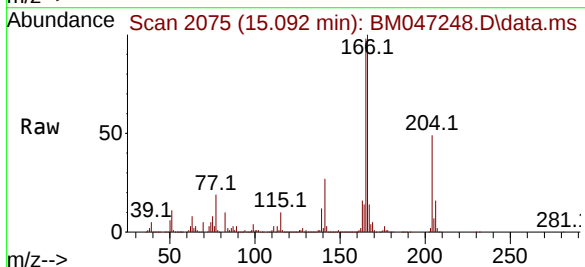
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

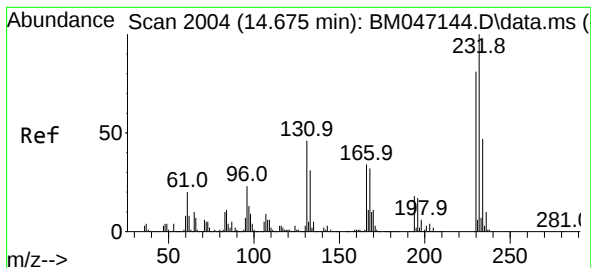
Tgt Ion:	165	Resp:	759006
Ion	Ratio	Lower	Upper
165	100		
63	50.5	40.3	60.5
89	71.5	61.0	91.6
182	2.8	1.9	2.9



#58
Fluorene
Concen: 44.682 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:	166	Resp:	2235554
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.4	116.0
167	13.6	11.0	16.6

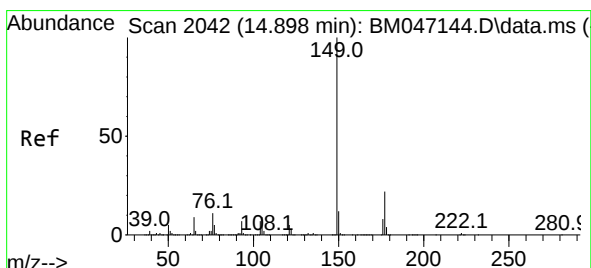
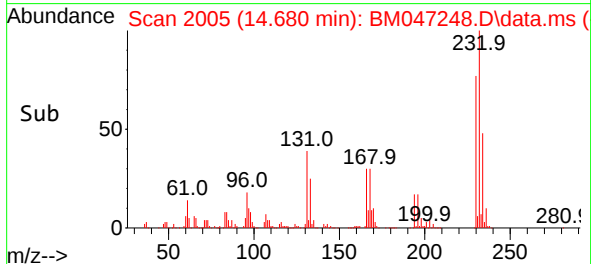
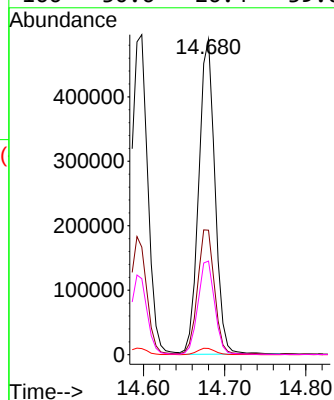
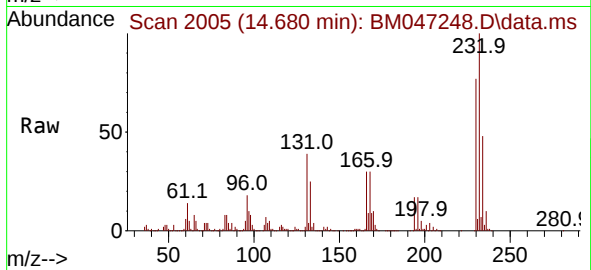




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.017 ng
RT: 14.680 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

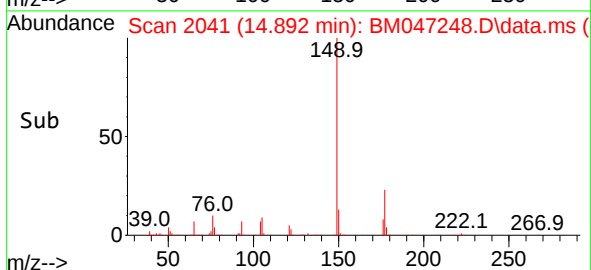
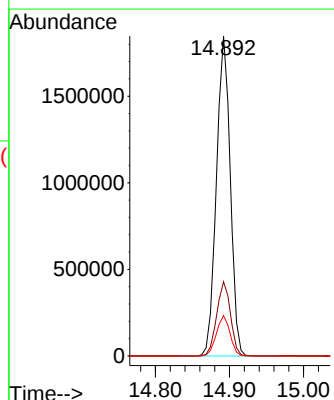
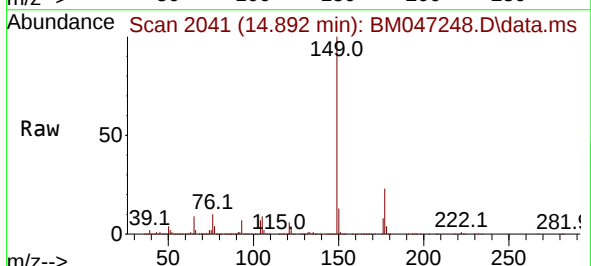
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

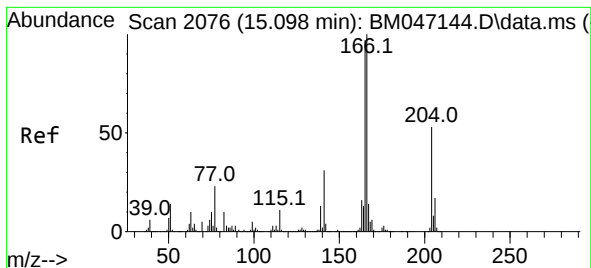
Tgt Ion:232 Resp: 678981
Ion Ratio Lower Upper
232 100
131 40.7 36.9 55.3
130 2.2 2.0 3.0
166 30.6 26.4 39.6



#60
Diethylphthalate
Concen: 45.398 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:149 Resp: 2389033
Ion Ratio Lower Upper
149 100
177 23.2 17.6 26.4
150 12.6 9.8 14.6

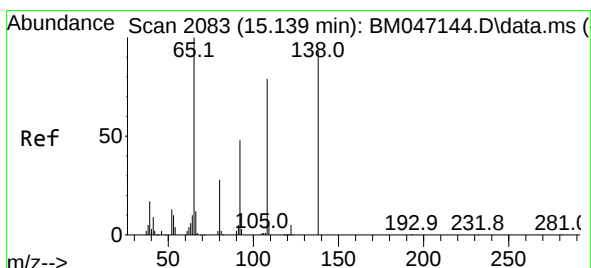
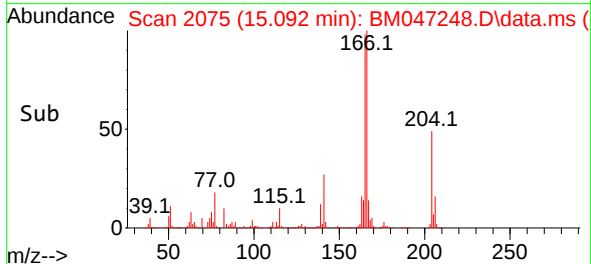
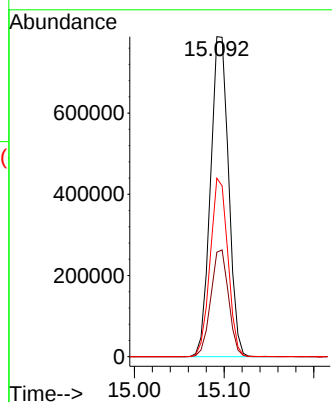
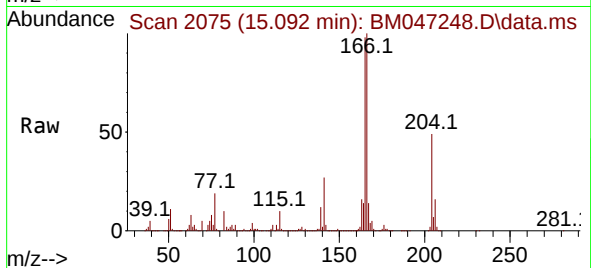




#61
4-Chlorophenyl-phenylether
Concen: 46.287 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

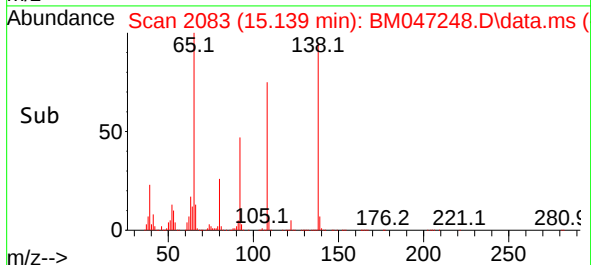
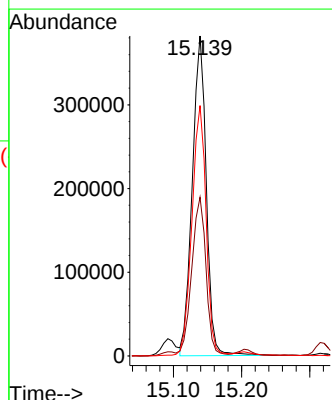
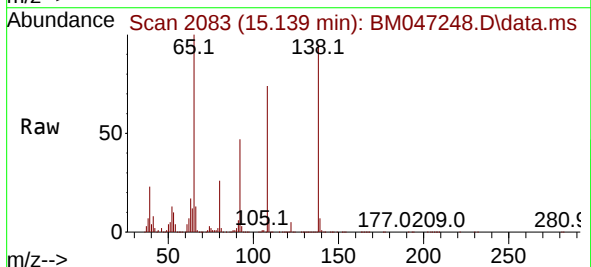
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

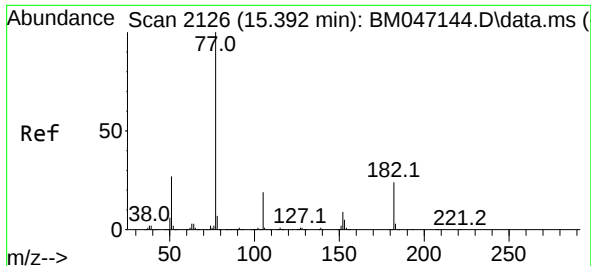
Tgt Ion:204 Resp: 1102538
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 55.8 47.2 70.8



#62
4-Nitroaniline
Concen: 45.676 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:138 Resp: 543188
Ion Ratio Lower Upper
138 100
92 49.6 31.9 71.9
108 78.3 63.8 103.8



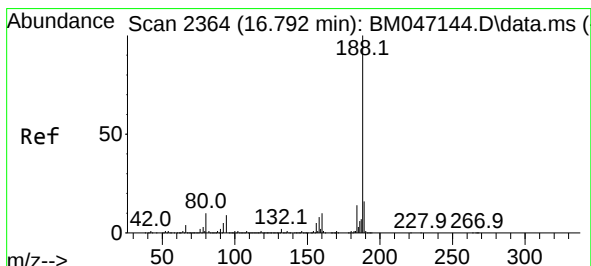
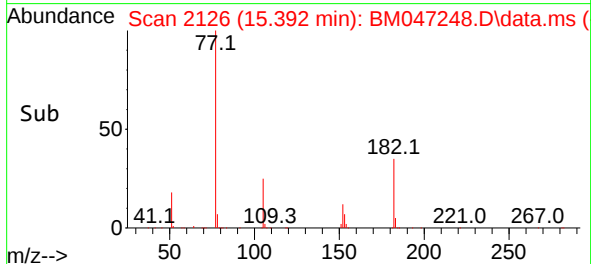
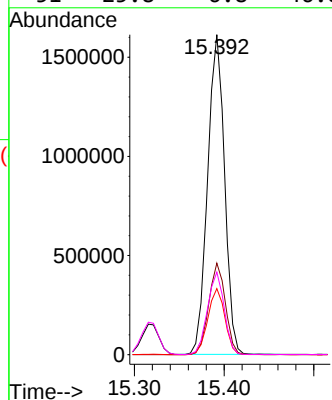
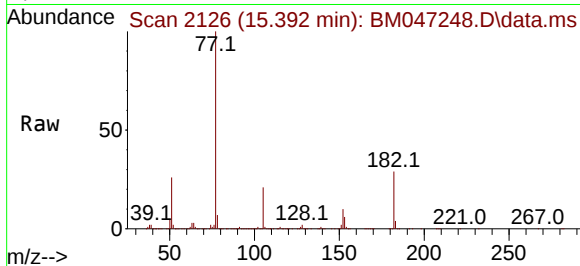


#63
Azobenzene
Concen: 42.438 ng
RT: 15.392 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Instrument :
BNA_M
ClientSampleId :
PB162722BSD

Tgt Ion: 77 Resp: 2117516

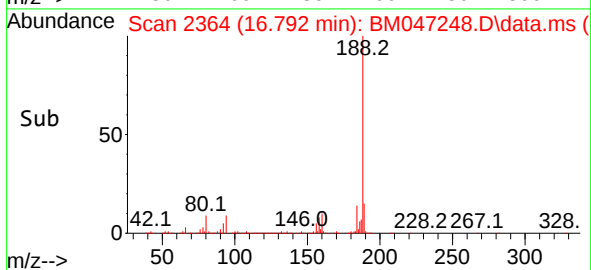
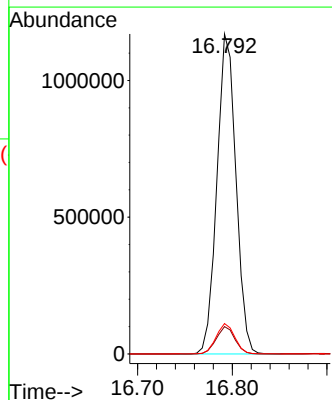
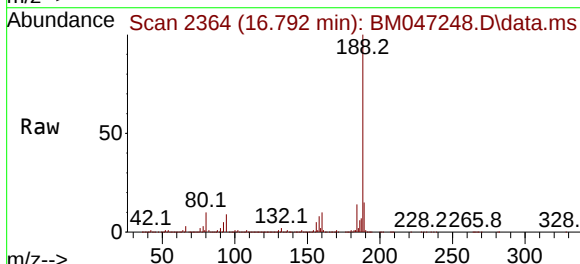
Ion	Ratio	Lower	Upper
77	100		
182	28.6	3.8	43.8
105	20.7	0.0	39.5
51	25.8	6.8	46.8

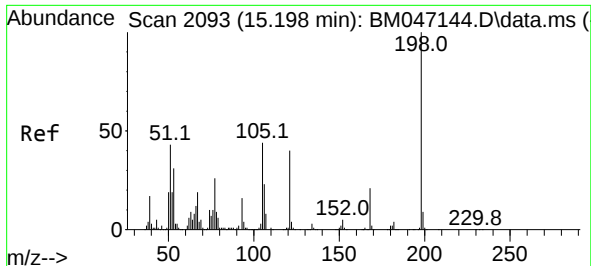


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion: 188 Resp: 1630379

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.5	8.0	12.0

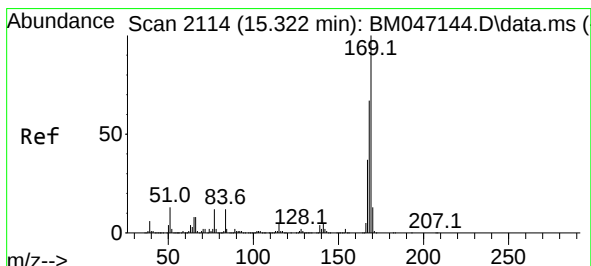
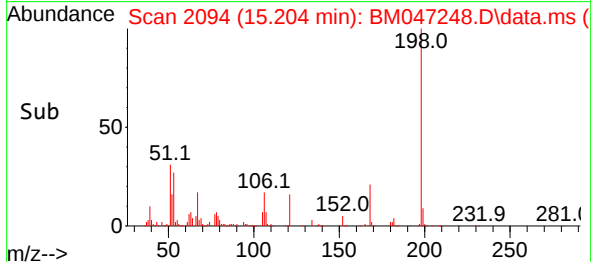
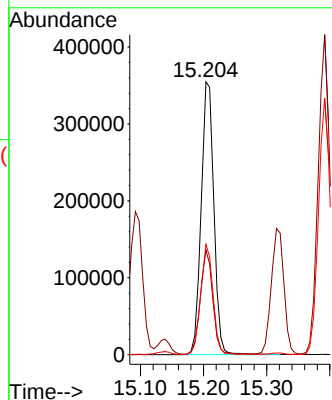
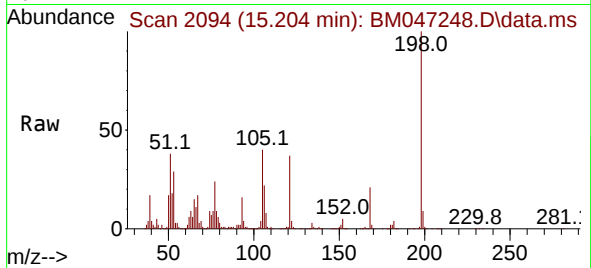




#65
4,6-Dinitro-2-methylphenol
Concen: 51.866 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

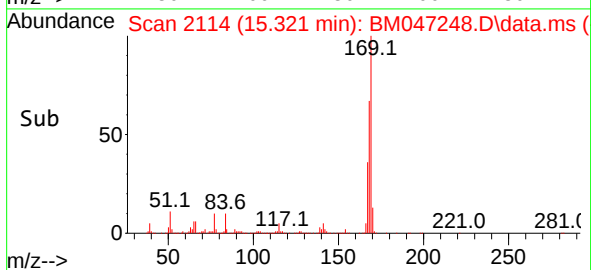
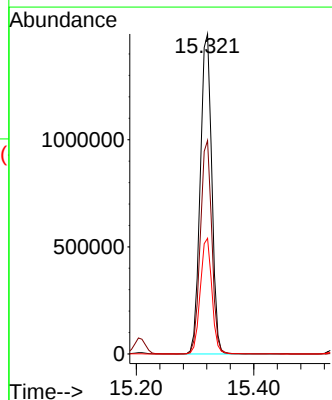
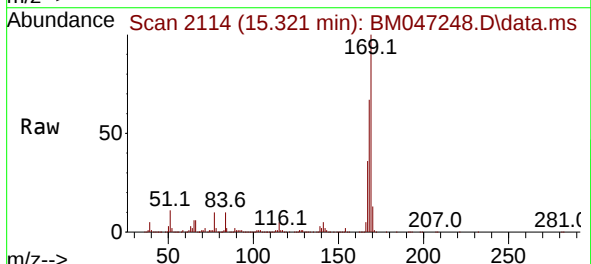
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

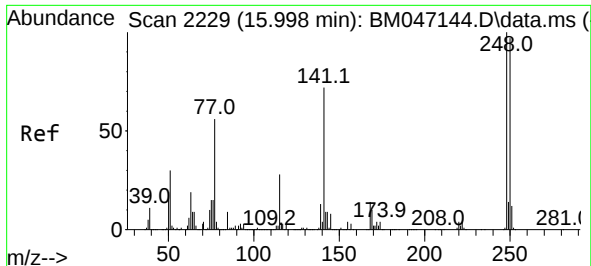
Tgt Ion:198 Resp: 495094
Ion Ratio Lower Upper
198 100
51 38.3 23.9 63.9
105 40.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 45.668 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:169 Resp: 2028006
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.1 29.3 43.9

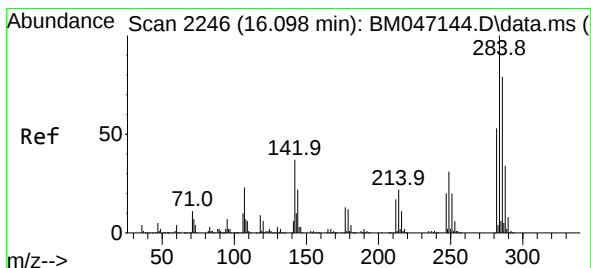
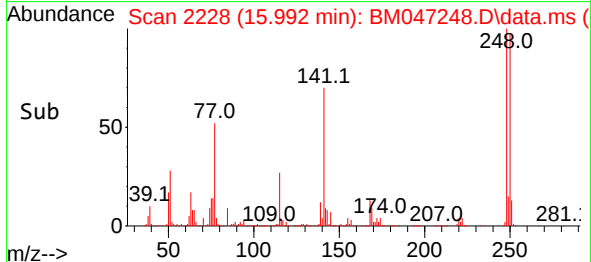
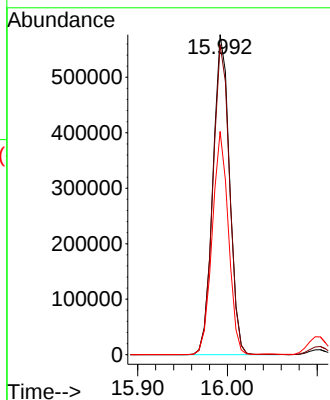
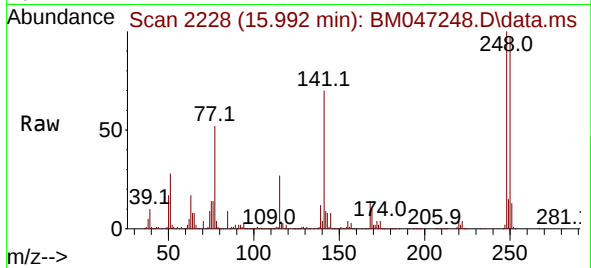




#67
4-Bromophenyl-phenylether
Concen: 47.156 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

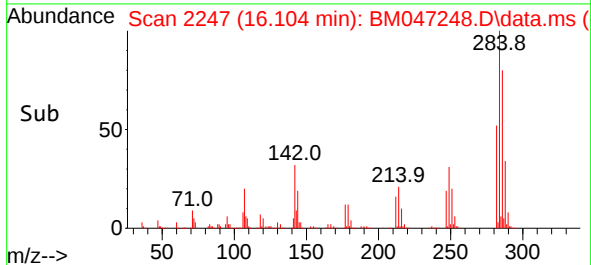
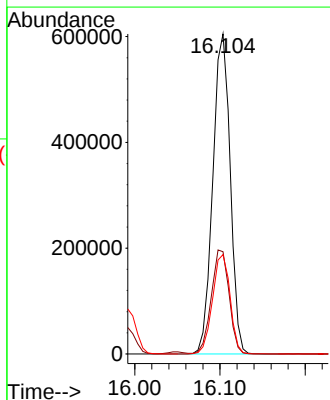
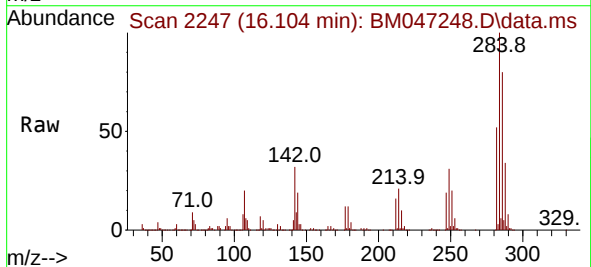
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

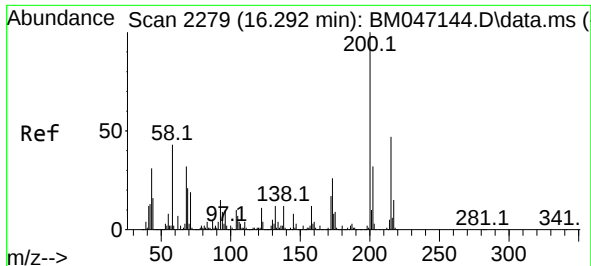
Tgt Ion:248 Resp: 740850
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.8
141 69.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 45.520 ng
RT: 16.104 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:284 Resp: 856493
Ion Ratio Lower Upper
284 100
142 32.0 29.4 44.0
249 31.1 25.1 37.7

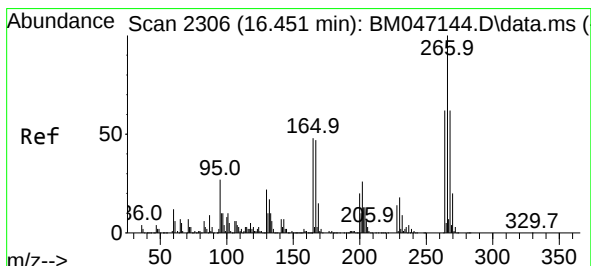
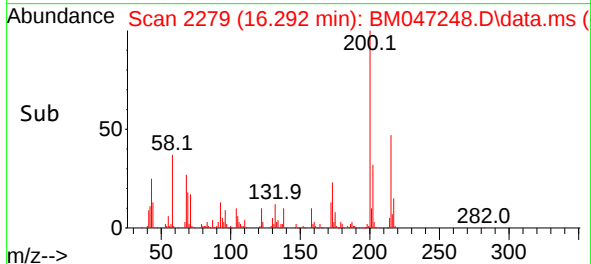
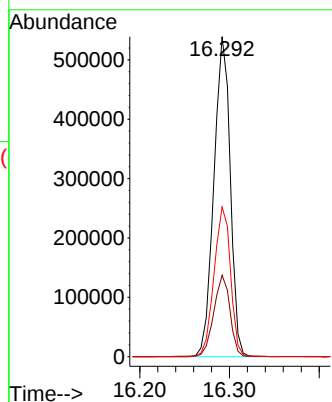
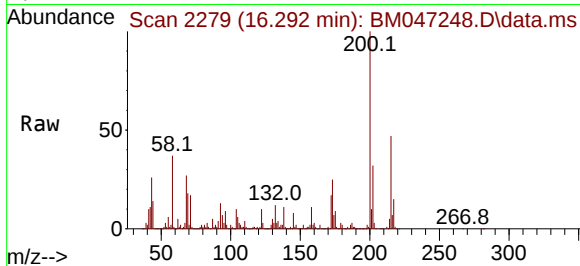




#69
 Atrazine
 Concen: 51.050 ng
 RT: 16.292 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

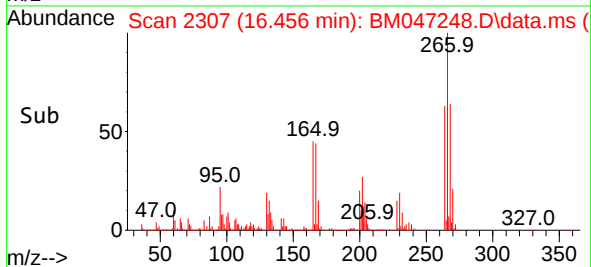
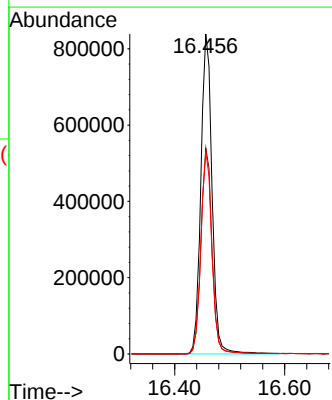
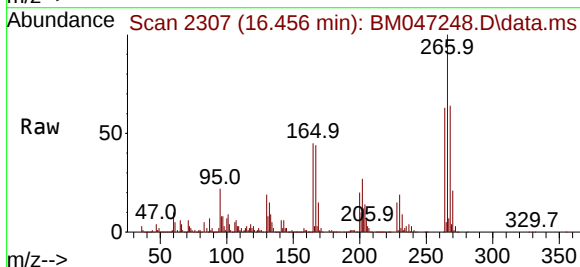
Instrument :
 BNA_M
 ClientSampleId :
 PB162722BSD

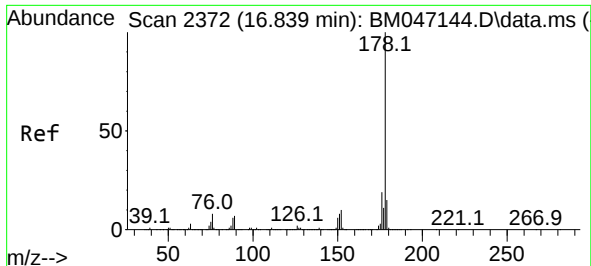
Tgt Ion:200 Resp: 682183
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.1 46.1
 215 46.8 26.8 66.8



#70
 Pentachlorophenol
 Concen: 90.138 ng
 RT: 16.456 min Scan# 2307
 Delta R.T. 0.006 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

Tgt Ion:266 Resp: 1188882
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.8 74.6
 264 63.2 49.6 74.4

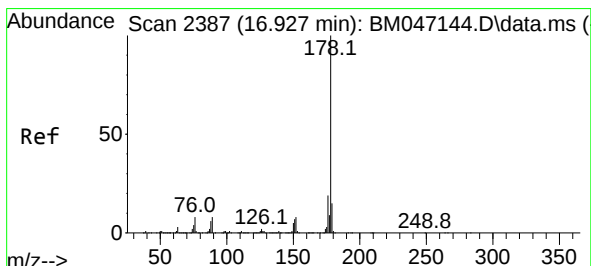
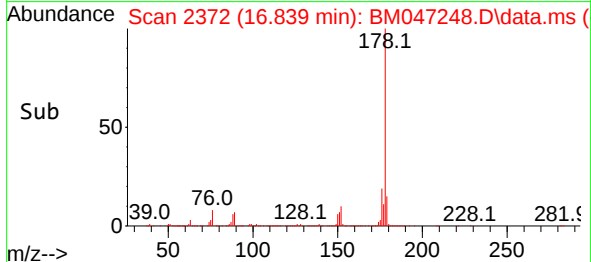
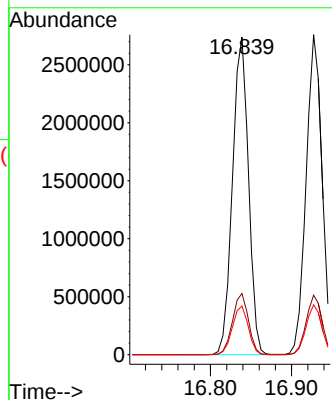
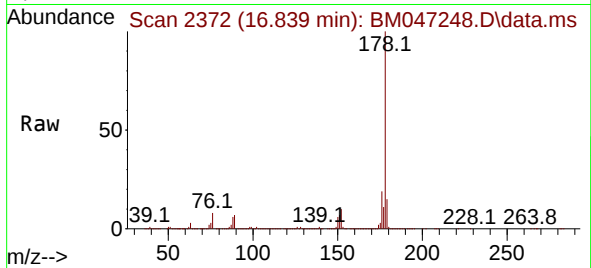




#71
Phenanthrene
Concen: 45.761 ng
RT: 16.839 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

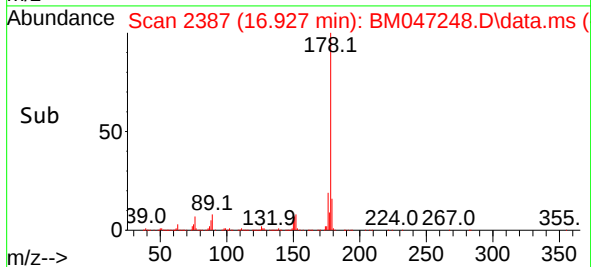
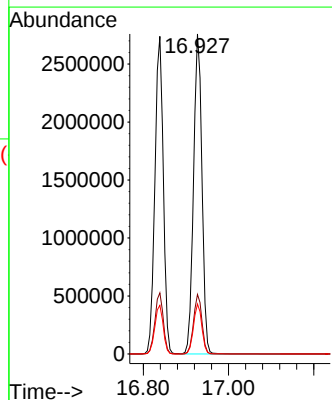
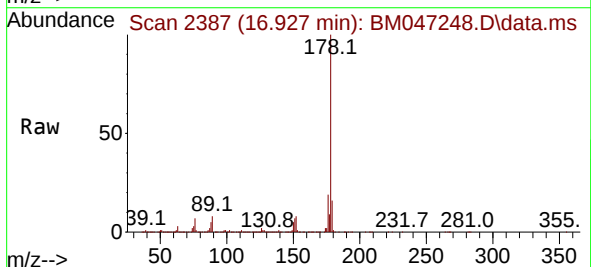
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

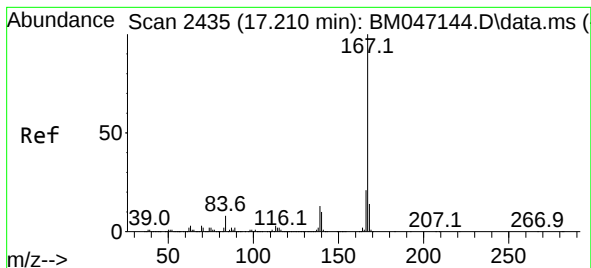
Tgt Ion:178 Resp: 3744284
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.4 18.6



#72
Anthracene
Concen: 47.491 ng
RT: 16.927 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:178 Resp: 3780949
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.4 18.6





#73

Carbazole

Concen: 46.053 ng

RT: 17.209 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

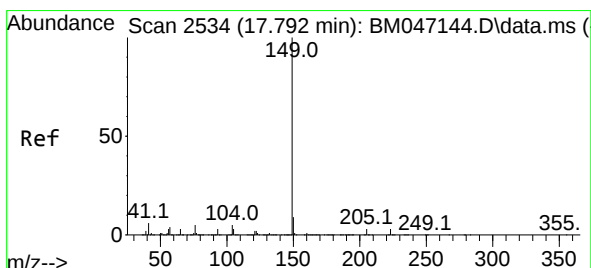
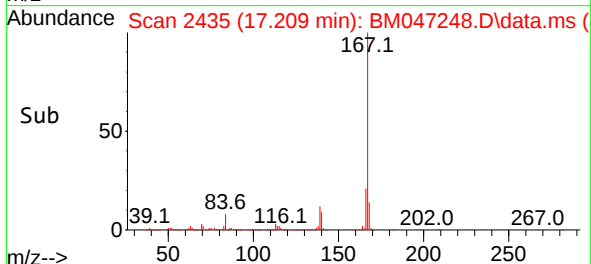
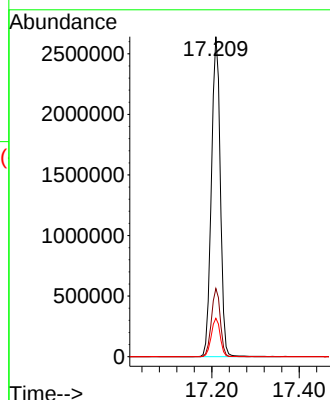
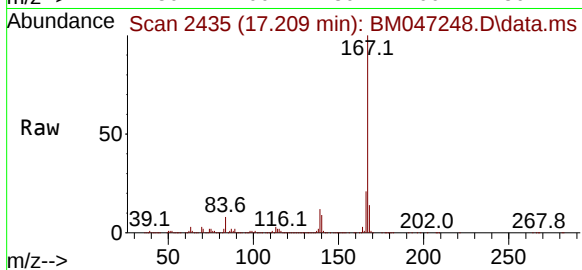
Tgt Ion:167 Resp: 3743573

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.0 10.0 15.0



#74

Di-n-butylphthalate

Concen: 46.274 ng

RT: 17.792 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

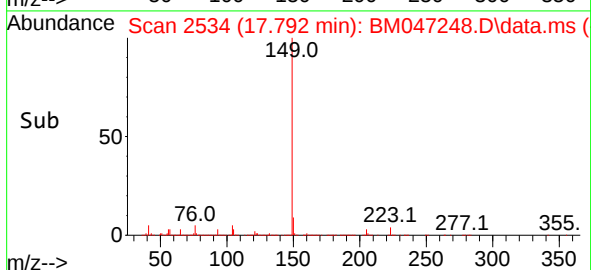
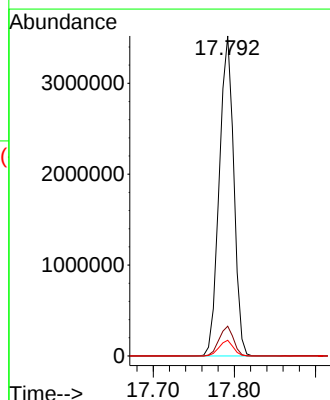
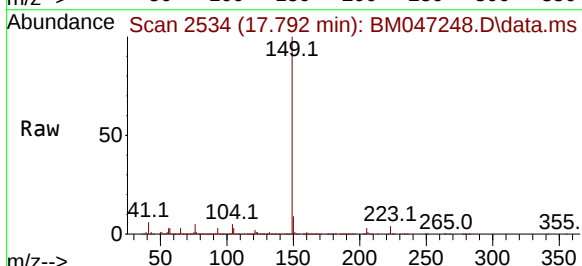
Tgt Ion:149 Resp: 4376795

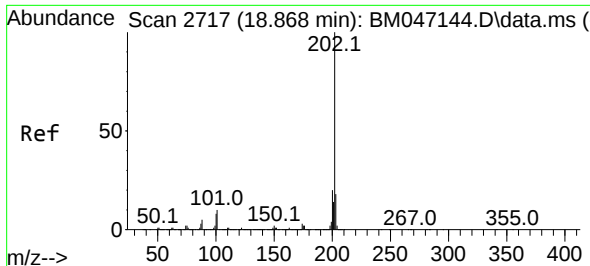
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1

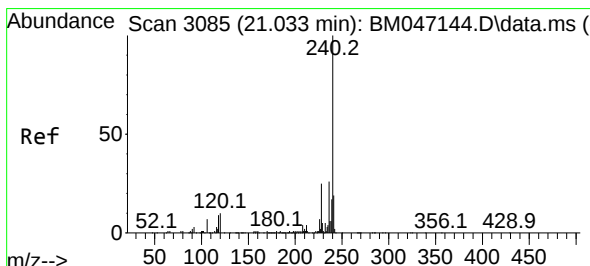
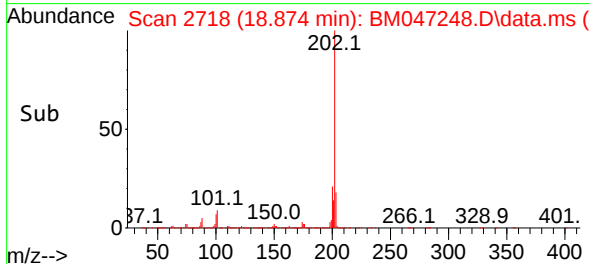
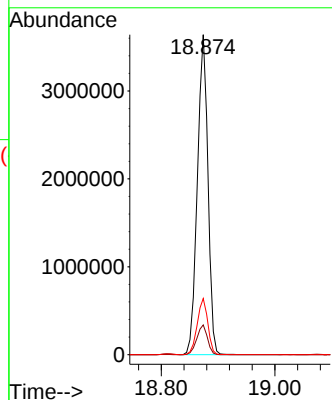
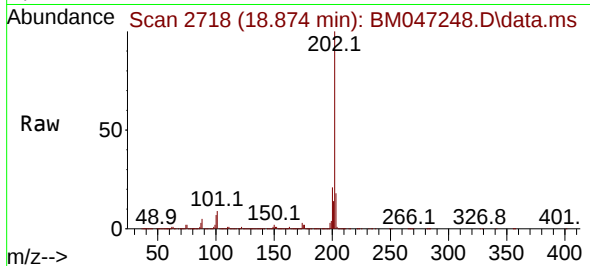




#75
Fluoranthene
Concen: 47.419 ng
RT: 18.874 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

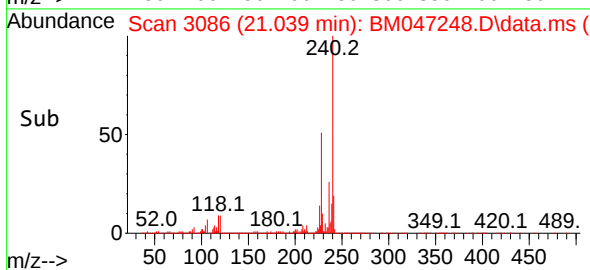
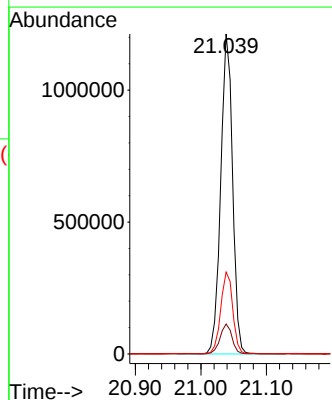
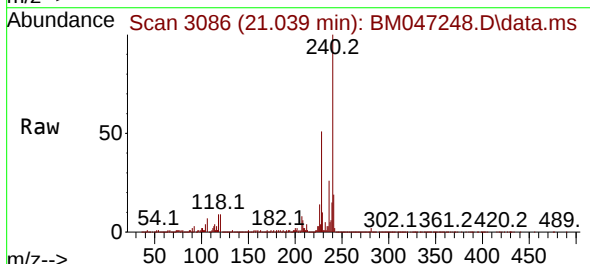
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

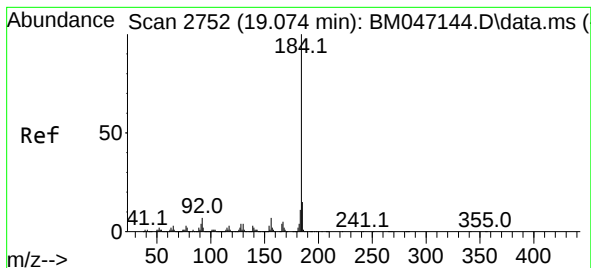
Tgt Ion:202 Resp: 4719239
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.039 min Scan# 3086
Delta R.T. 0.006 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:240 Resp: 1511034
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 25.6 20.6 30.8





#77

Benzidine

Concen: 41.334 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

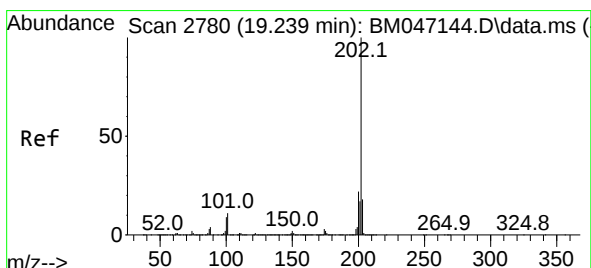
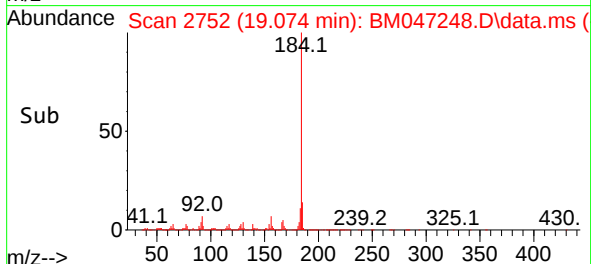
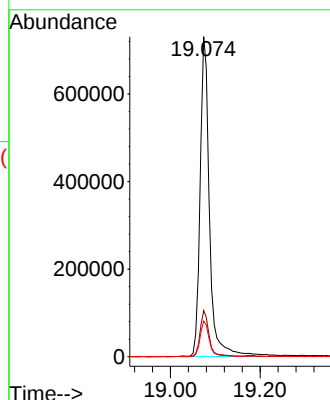
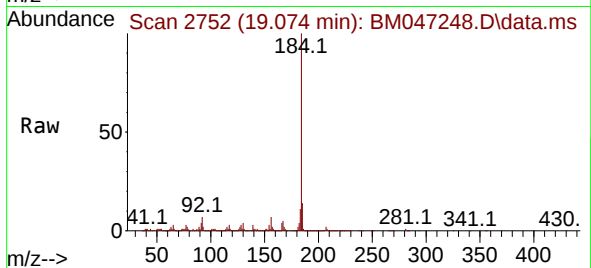
Tgt Ion:184 Resp: 1059177

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 11.1 9.0 13.6



#78

Pyrene

Concen: 45.314 ng

RT: 19.239 min Scan# 2780

Delta R.T. -0.000 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

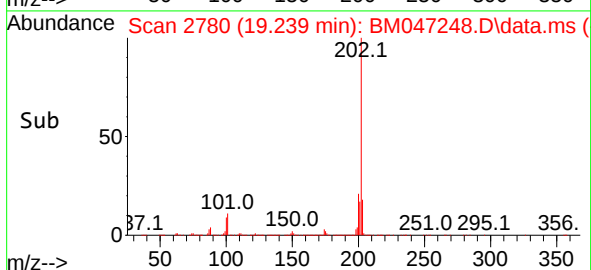
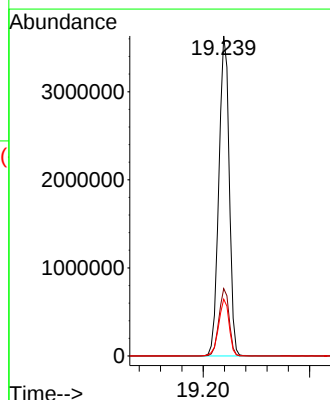
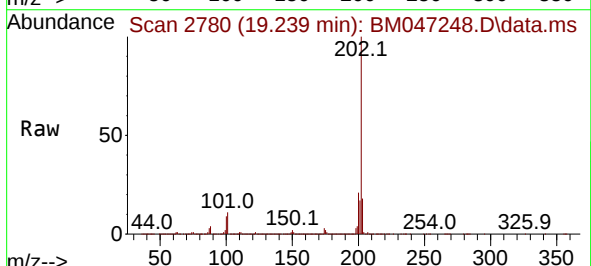
Tgt Ion:202 Resp: 4888991

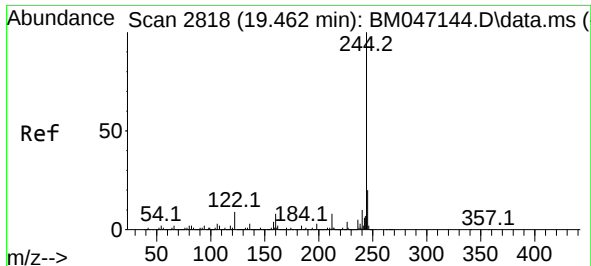
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.8 14.2 21.2

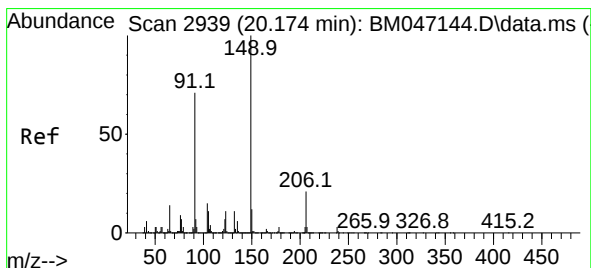
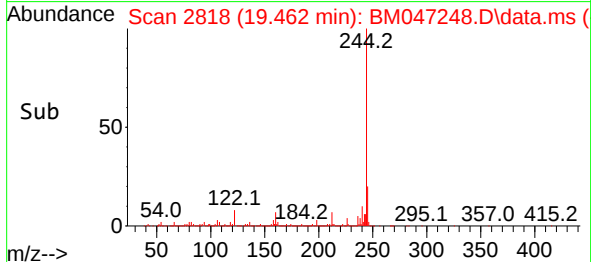
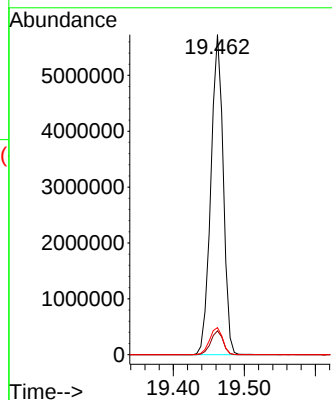
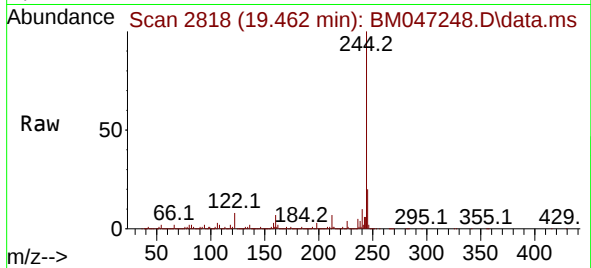




#79
 Terphenyl-d14
 Concen: 98.548 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

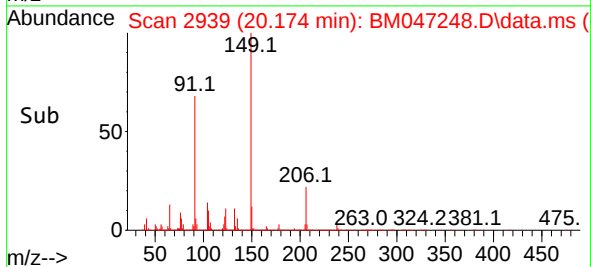
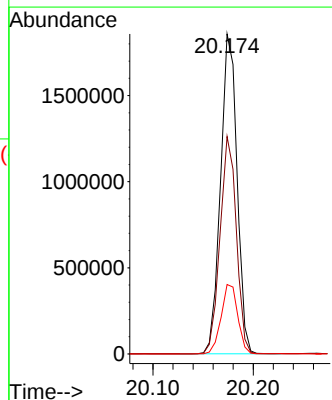
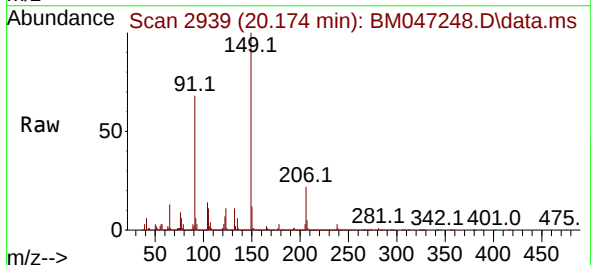
Instrument :
 BNA_M
 ClientSampleId :
 PB162722BSD

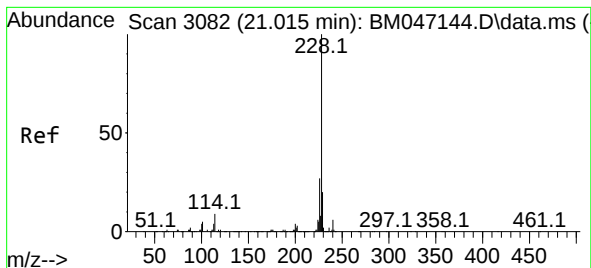
Tgt Ion:244 Resp: 6949439
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 48.016 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047248.D
 Acq: 19 Aug 2024 11:41

Tgt Ion:149 Resp: 2114181
 Ion Ratio Lower Upper
 149 100
 91 67.9 57.0 85.4
 206 21.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.133 ng

RT: 21.021 min Scan# 3082

Delta R.T. 0.006 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

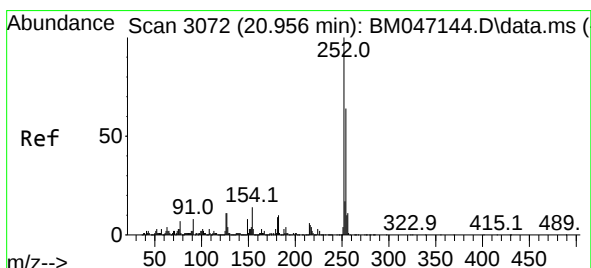
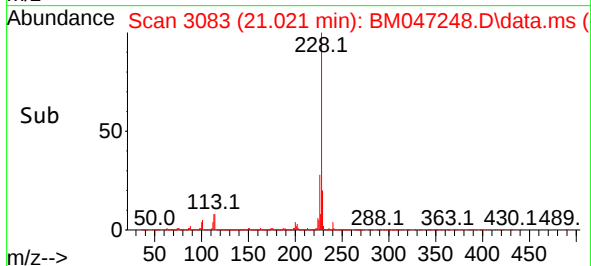
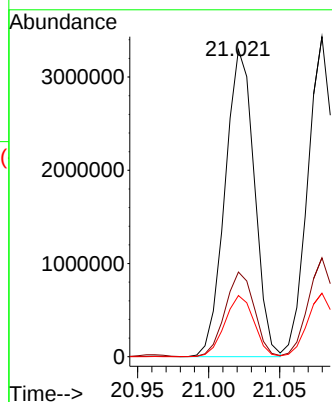
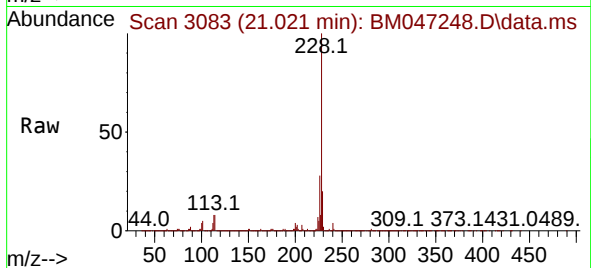
Tgt Ion:228 Resp: 4727948

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 46.091 ng

RT: 20.962 min Scan# 3073

Delta R.T. 0.006 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

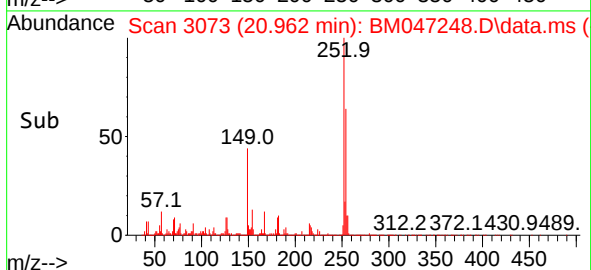
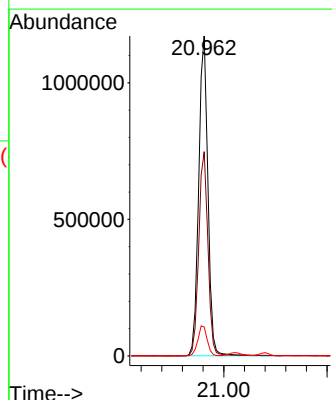
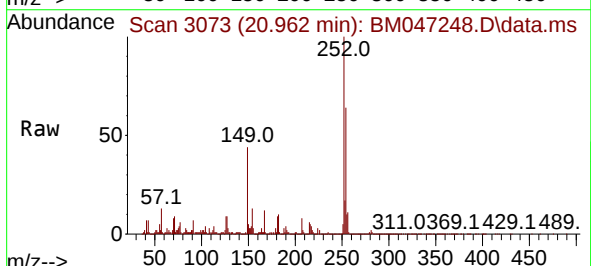
Tgt Ion:252 Resp: 1446603

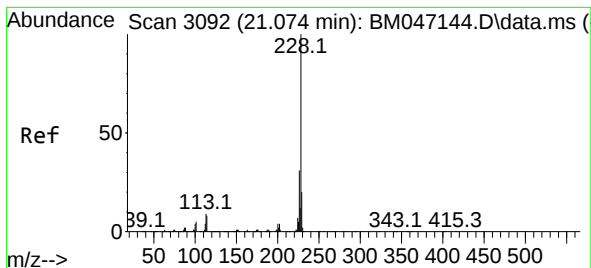
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.6

126 9.0 8.5 12.7





#83

Chrysene

Concen: 46.466 ng

RT: 21.080 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

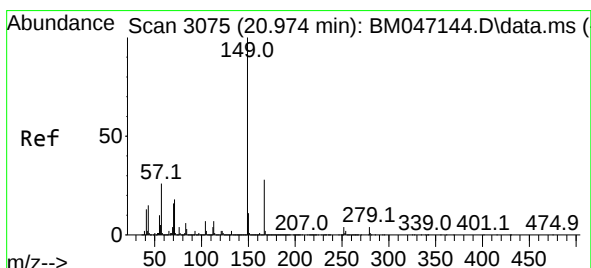
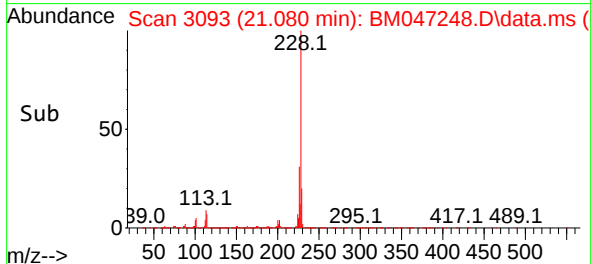
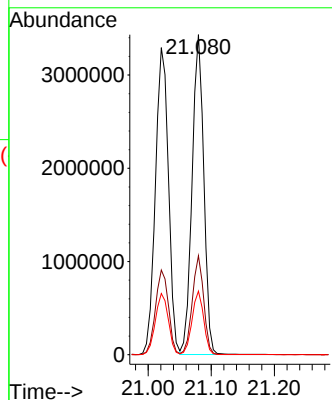
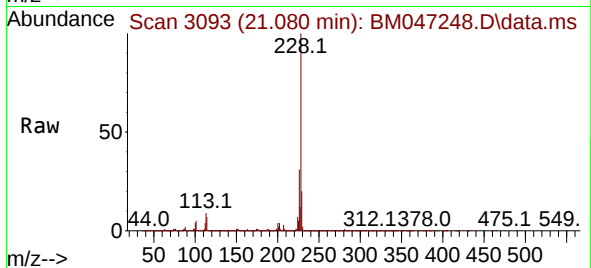
Tgt Ion:228 Resp: 4422279

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.034 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

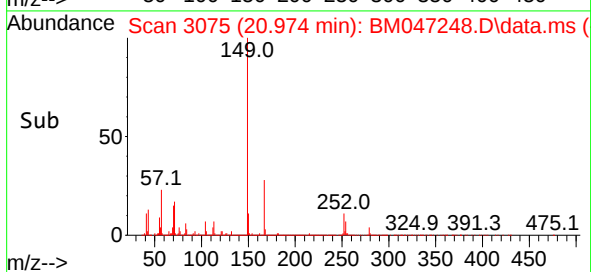
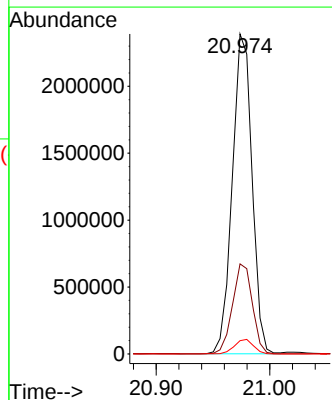
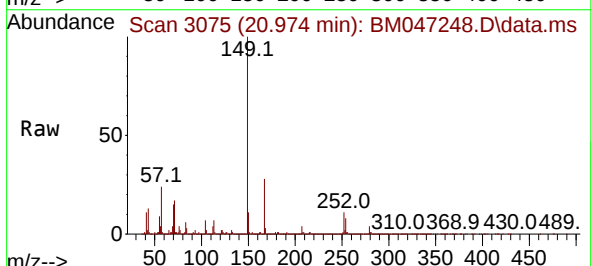
Tgt Ion:149 Resp: 2874516

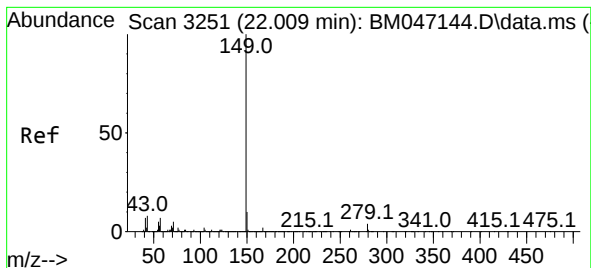
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 49.597 ng

RT: 22.009 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

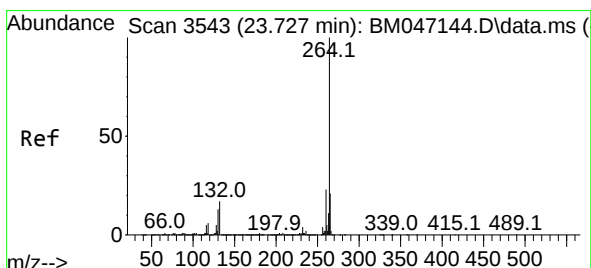
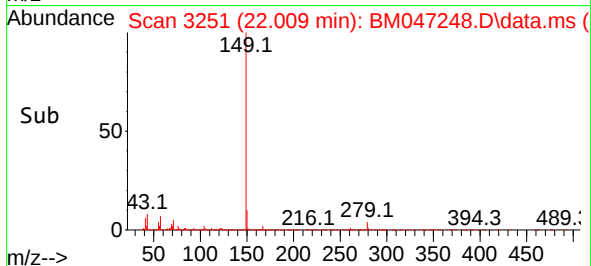
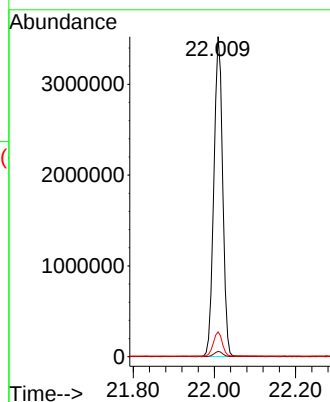
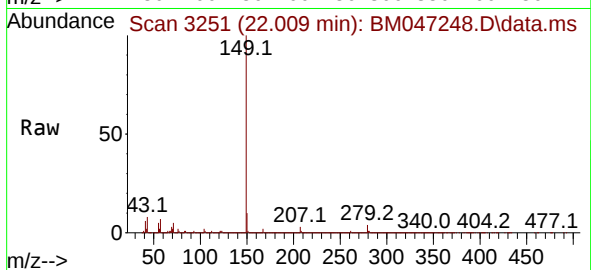
Tgt Ion:149 Resp: 5263990

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.744 min Scan# 3546

Delta R.T. 0.017 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

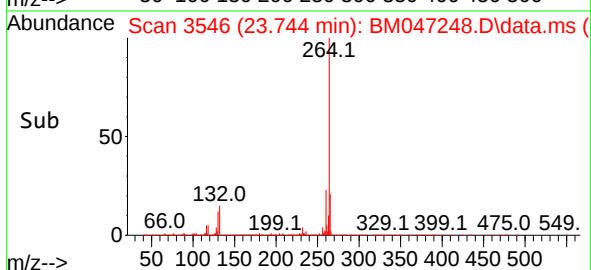
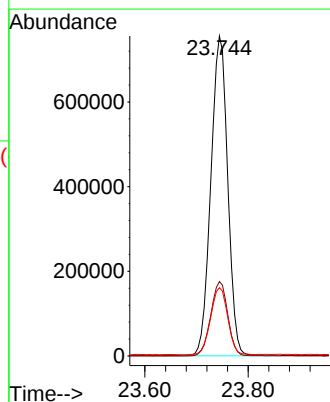
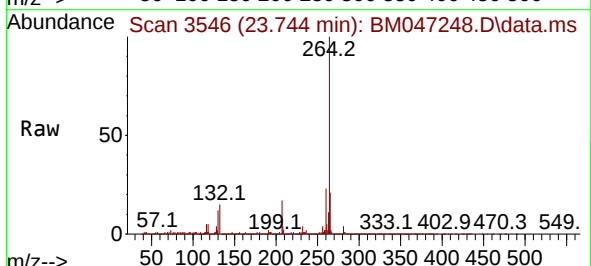
Tgt Ion:264 Resp: 1710119

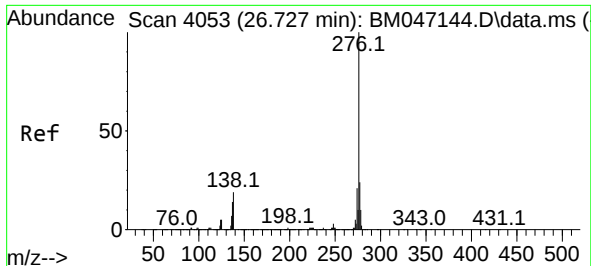
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.4 17.3 25.9

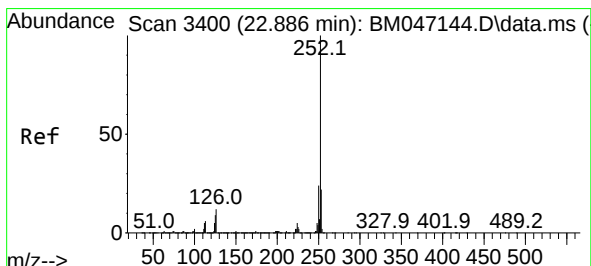
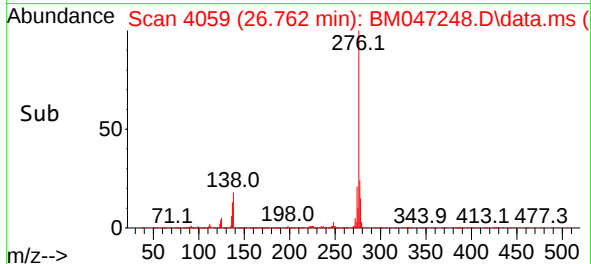
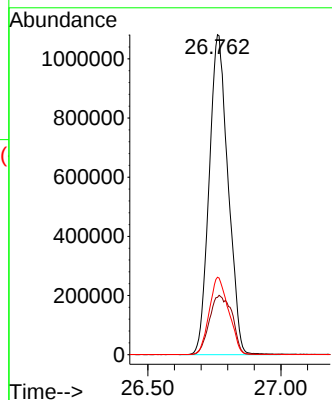
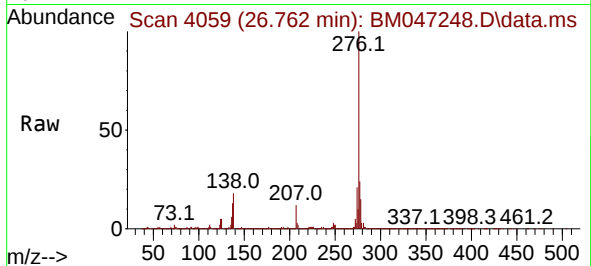




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.154 ng
RT: 26.762 min Scan# 4053
Delta R.T. 0.035 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

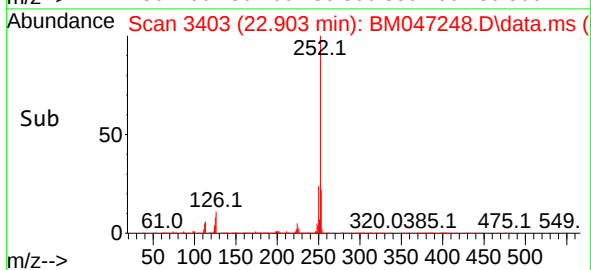
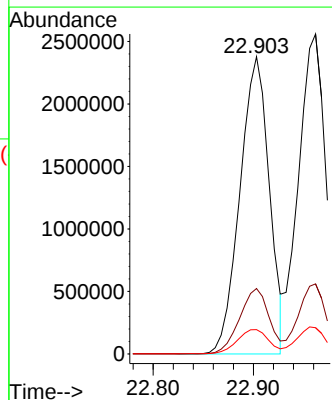
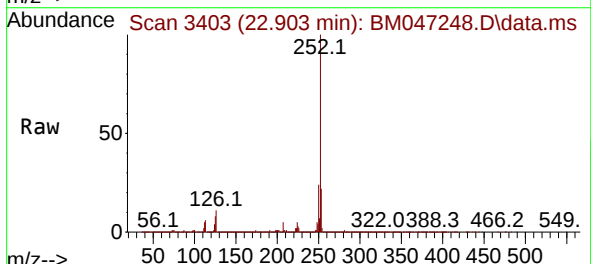
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

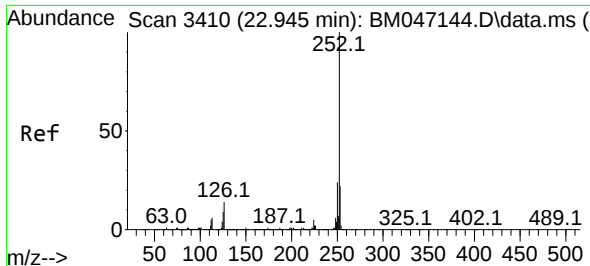
Tgt Ion:276 Resp: 5322846
Ion Ratio Lower Upper
276 100
138 22.3 19.4 29.0
277 24.9 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 47.536 ng
RT: 22.903 min Scan# 3403
Delta R.T. 0.017 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:252 Resp: 4827644
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.2 7.4 11.0

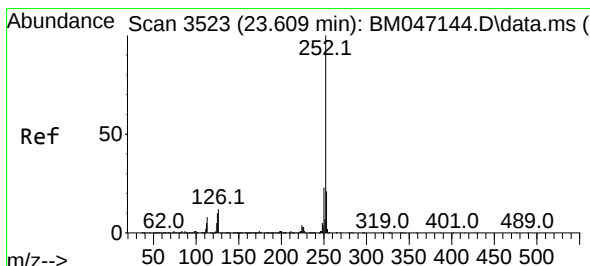
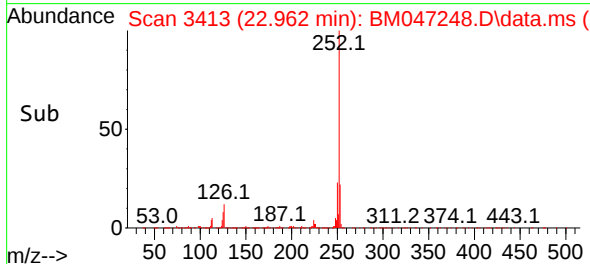
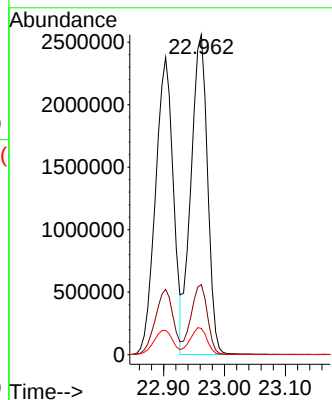
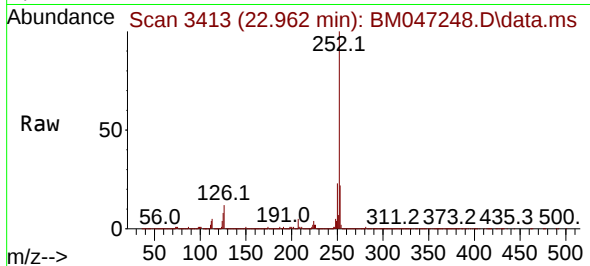




#89
Benzo(k)fluoranthene
Concen: 50.396 ng
RT: 22.962 min Scan# 3410
Delta R.T. 0.017 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

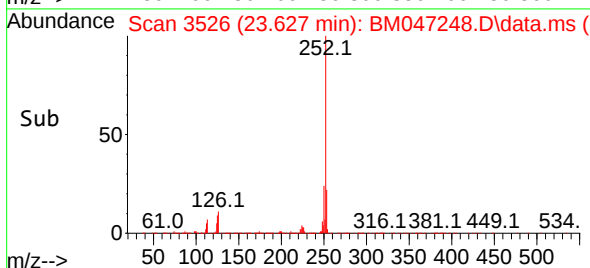
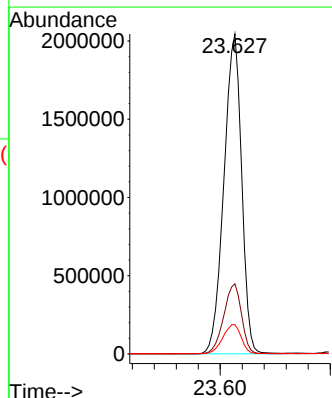
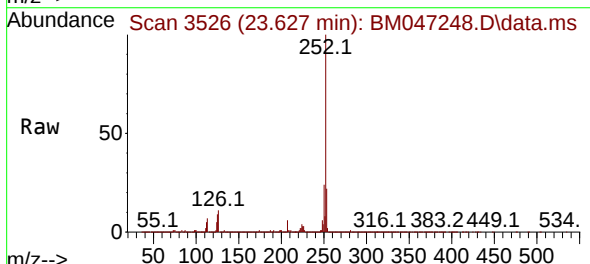
Instrument :
BNA_M
ClientSampleId :
PB162722BSD

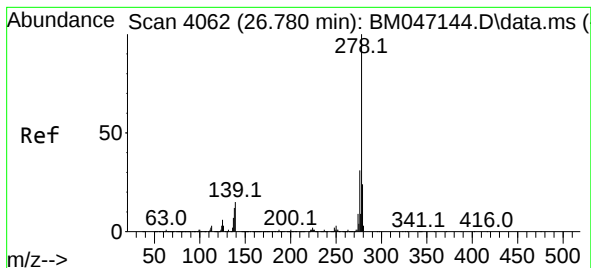
Tgt Ion:252 Resp: 4834224
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 51.917 ng
RT: 23.627 min Scan# 3526
Delta R.T. 0.017 min
Lab File: BM047248.D
Acq: 19 Aug 2024 11:41

Tgt Ion:252 Resp: 4567416
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 48.633 ng

RT: 26.815 min Scan# 4068

Delta R.T. 0.035 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Instrument :

BNA_M

ClientSampleId :

PB162722BSD

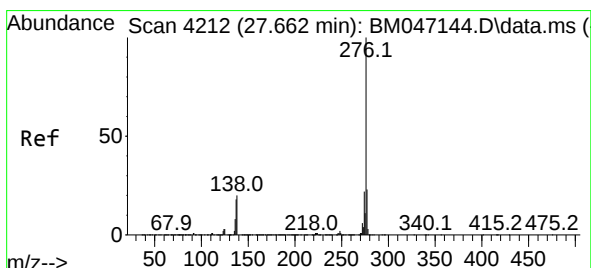
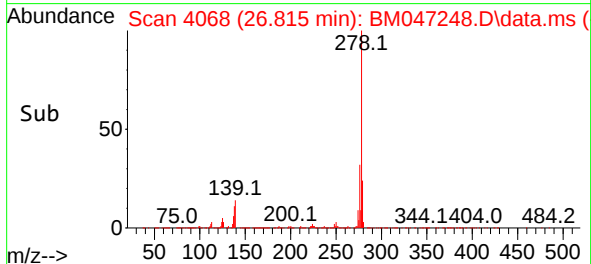
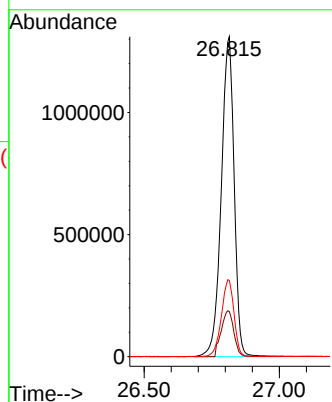
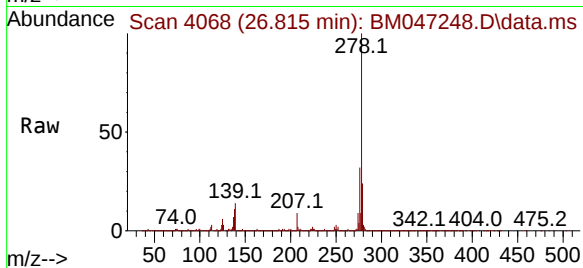
Tgt Ion:278 Resp: 4350511

Ion Ratio Lower Upper

278 100

139 14.1 12.0 18.0

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 44.052 ng

RT: 27.703 min Scan# 4219

Delta R.T. 0.041 min

Lab File: BM047248.D

Acq: 19 Aug 2024 11:41

Tgt Ion:276 Resp: 4091430

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 19.3 16.2 24.4

