

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047296.D
 Acq On : 21 Aug 2024 13:47
 Operator : RC/JU
 Sample : P3617-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VCPS-B4-081424-10-16MS

Quant Time: Aug 21 14:35:00 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	190000	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	733236	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	501144	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1075625	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	973534	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1036786	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1174869	110.490	ng	-0.01
7) Phenol-d6	6.569	99	1545676	105.494	ng	-0.02
23) Nitrobenzene-d5	8.504	82	1035345	71.100	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	687442	118.303	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	2243420	69.053	ng	-0.02
79) Terphenyl-d14	19.451	244	3190990	70.234	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	191670	43.504	ng	97
3) Pyridine	3.393	79	527947	40.865	ng	97
4) n-Nitrosodimethylamine	3.316	42	239850	42.493	ng	97
6) Aniline	6.704	93	492942	35.595	ng	98
8) 2-Chlorophenol	6.934	128	609870	52.586	ng	99
9) Benzaldehyde	6.516	77	337754	47.625	ng	98
10) Phenol	6.598	94	720048	49.251	ng	98
11) bis(2-Chloroethyl)ether	6.804	93	577694	46.141	ng	97
12) 1,3-Dichlorobenzene	7.240	146	670141	48.626	ng	97
13) 1,4-Dichlorobenzene	7.387	146	682234	48.894	ng	99
14) 1,2-Dichlorobenzene	7.698	146	651233	49.465	ng	99
15) Benzyl Alcohol	7.610	79	545050	52.270	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.881	45	720663	44.857	ng	98
17) 2-Methylphenol	7.816	107	488755	50.110	ng	99
18) Hexachloroethane	8.404	117	254164	47.024	ng	94
19) n-Nitroso-di-n-propyla...	8.163	70	428409	43.409	ng	99
20) 3+4-Methylphenols	8.145	107	674709	49.481	ng	99
22) Acetophenone	8.175	105	835076	47.182	ng	99
24) Nitrobenzene	8.545	77	673497	45.932	ng	97
25) Isophorone	9.069	82	1239174	48.874	ng	98
26) 2-Nitrophenol	9.245	139	346919	53.424	ng	96
27) 2,4-Dimethylphenol	9.328	122	492629	64.763	ng	99
28) bis(2-Chloroethoxy)met...	9.557	93	774572	48.551	ng	100
29) 2,4-Dichlorophenol	9.781	162	642157	56.896	ng	98
30) 1,2,4-Trichlorobenzene	9.981	180	643217	50.359	ng	100
31) Naphthalene	10.157	128	1785126	48.871	ng	100
32) Benzoic acid	9.510	122	479970	54.311	ng	99
33) 4-Chloroaniline	10.292	127	372843	26.543	ng	99
34) Hexachlorobutadiene	10.439	225	405037	54.178	ng	99
35) Caprolactam	11.098	113	220543	56.267	ng	87
36) 4-Chloro-3-methylphenol	11.439	107	632734	52.640	ng	99
37) 2-Methylnaphthalene	11.786	142	1293940	49.753	ng	98
38) 1-Methylnaphthalene	12.010	142	1222392	47.558	ng	99
40) 1,2,4,5-Tetrachloroben...	12.169	216	725541	53.080	ng	99
41) Hexachlorocyclopentadiene	12.145	237	702082	147.094	ng	95
43) 2,4,6-Trichlorophenol	12.427	196	545302	56.127	ng	99

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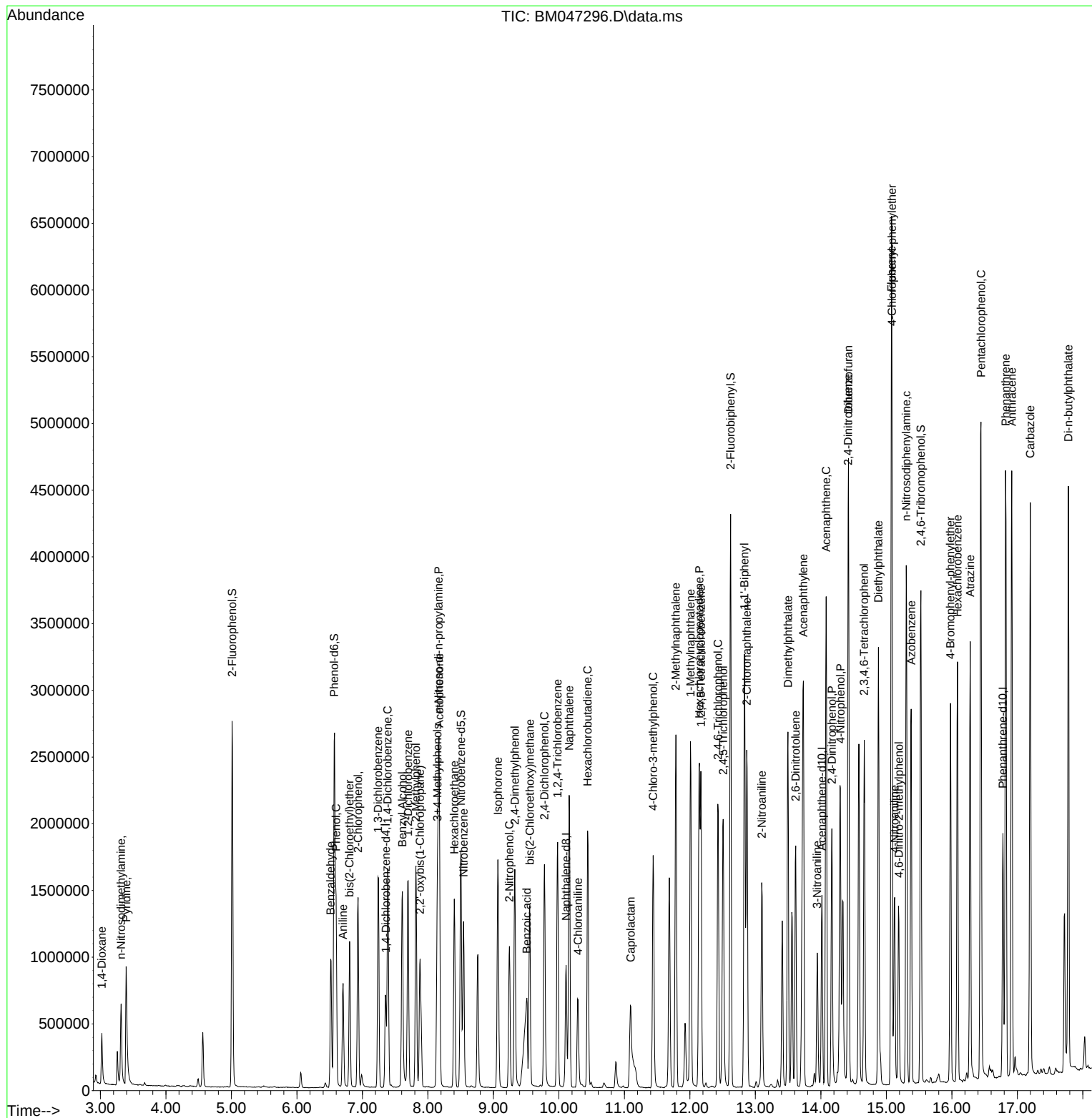
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	592258	54.904	ng	97
46) 1,1'-Biphenyl	12.833	154	1725193	48.356	ng	99
47) 2-Chloronaphthalene	12.869	162	1338163	47.988	ng	98
48) 2-Nitroaniline	13.098	65	425564	48.714	ng	98
49) Acenaphthylene	13.733	152	2176121	52.942	ng	99
50) Dimethylphthalate	13.498	163	1781221	50.892	ng	100
51) 2,6-Dinitrotoluene	13.616	165	403459	49.312	ng	90
52) Acenaphthene	14.080	154	1314920	50.431	ng	99
53) 3-Nitroaniline	13.945	138	264511	32.263	ng	97
54) 2,4-Dinitrophenol	14.168	184	463711	94.563	ng	91
55) Dibenzofuran	14.421	168	2092161	50.800	ng	99
56) 4-Nitrophenol	14.298	139	734572	103.906	ng	98
57) 2,4-Dinitrotoluene	14.416	165	550152	50.377	ng	# 98
58) Fluorene	15.080	166	1696142	49.914	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	523877	59.092	ng	94
60) Diethylphthalate	14.880	149	1783011	49.886	ng	98
61) 4-Chlorophenyl-phenyle...	15.086	204	825253	51.011	ng	95
62) 4-Nitroaniline	15.127	138	386035	47.795	ng	94
63) Azobenzene	15.380	77	1589897	46.915	ng	95
65) 4,6-Dinitro-2-methylph...	15.192	198	310427	49.293	ng	88
66) n-Nitrosodiphenylamine	15.304	169	1518528	51.832	ng	98
67) 4-Bromophenyl-phenylether	15.980	248	549354	53.001	ng	97
68) Hexachlorobenzene	16.086	284	637642	51.367	ng	97
69) Atrazine	16.280	200	595260	67.520	ng	99
70) Pentachlorophenol	16.445	266	915112	105.165	ng	98
71) Phenanthrene	16.821	178	2784517	51.583	ng	100
72) Anthracene	16.915	178	2828080	53.843	ng	99
73) Carbazole	17.198	167	2711061	50.552	ng	99
74) Di-n-butylphthalate	17.780	149	3158593	50.617	ng	99
75) Fluoranthene	18.856	202	3395202	51.710	ng	99
77) Benzidine	19.068	184	1522367	92.211	ng	99
78) Pyrene	19.227	202	3554312	51.132	ng	99
80) Butylbenzylphthalate	20.162	149	1534434	54.090	ng	98
81) Benzo(a)anthracene	21.009	228	3373570	52.199	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	927539	45.870	ng	99
83) Chrysene	21.062	228	3161914	51.566	ng	99
84) Bis(2-ethylhexyl)phtha...	20.962	149	2151183	53.471	ng	99
85) Di-n-octyl phthalate	21.992	149	3886450	56.835	ng	98
87) Indeno(1,2,3-cd)pyrene	26.715	276	3335783	49.776	ng	98
88) Benzo(b)fluoranthene	22.874	252	3230984	52.476	ng	100
89) Benzo(k)fluoranthene	22.933	252	3138789	53.972	ng	99
90) Benzo(a)pyrene	23.591	252	2968433	55.655	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	2648373	48.832	ng	100
92) Benzo(g,h,i)perylene	27.638	276	2535651	45.031	ng	99

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

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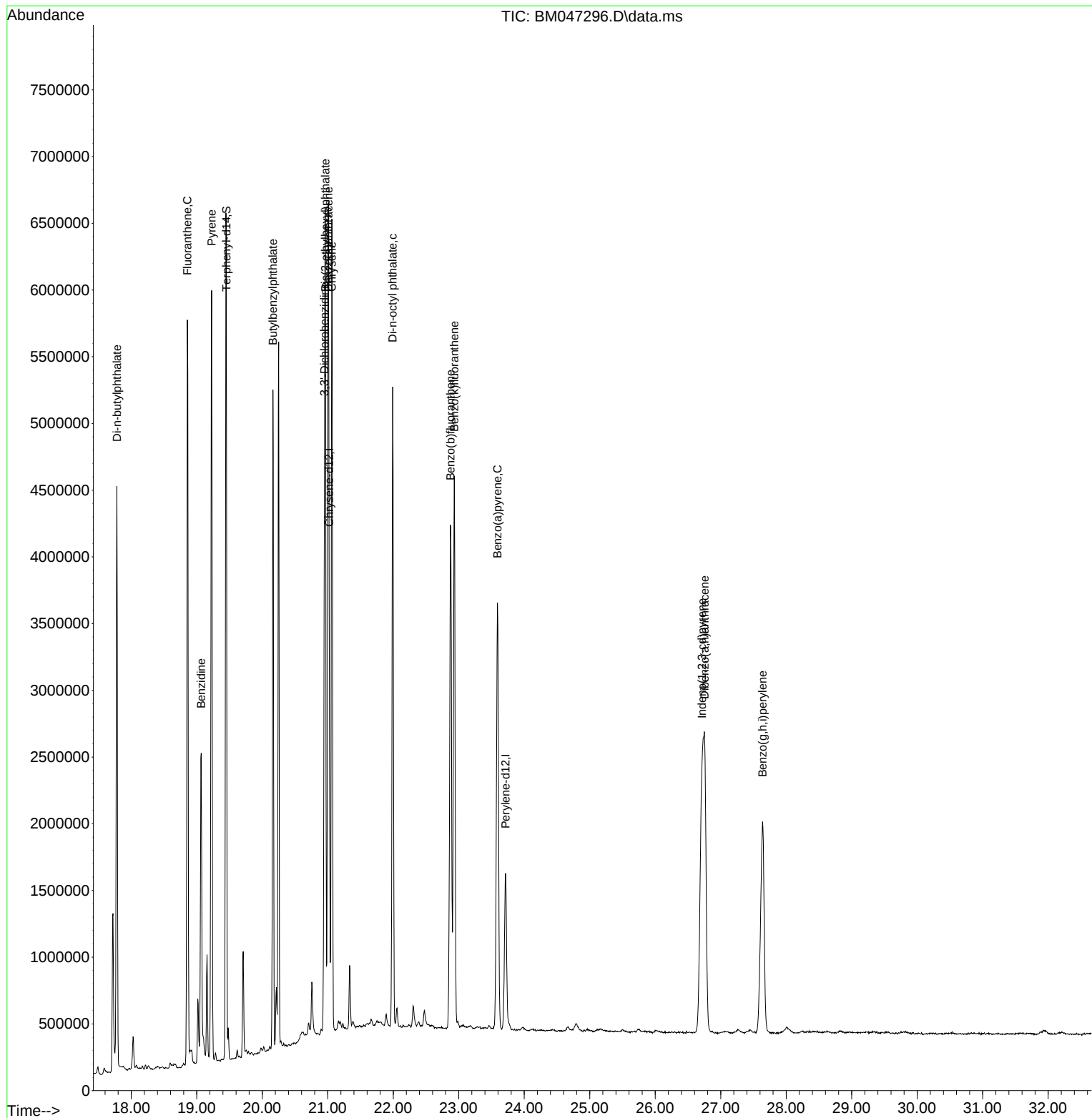
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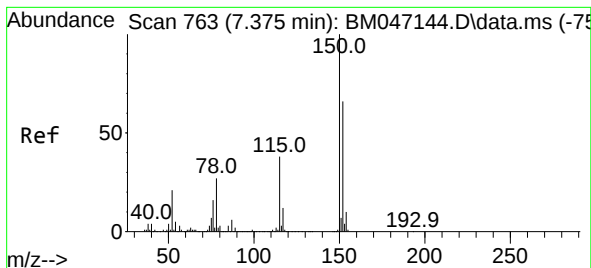


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.357 min Scan# 7

Delta R.T. -0.018 min

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BNA_M

ClientSampleId :

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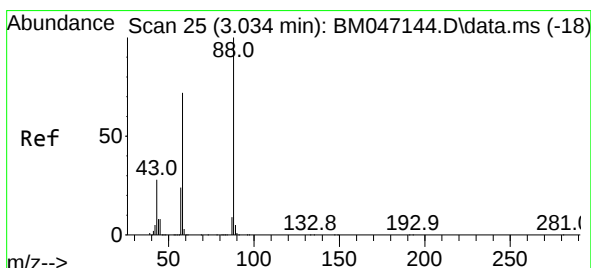
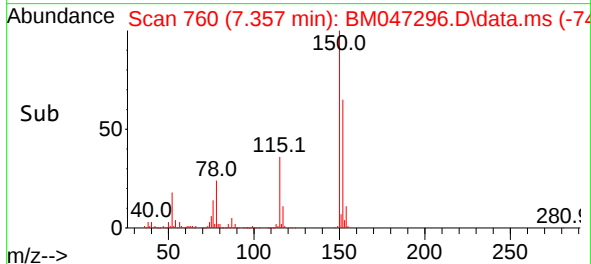
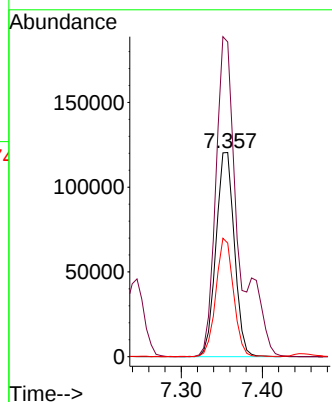
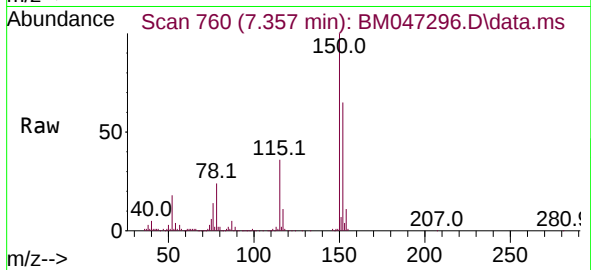
Tgt Ion:152 Resp: 190000

Ion Ratio Lower Upper

152 100

150 154.1 120.5 180.7

115 55.6 45.5 68.3



#2

1,4-Dioxane

Concen: 43.504 ng

RT: 3.022 min Scan# 23

Delta R.T. -0.012 min

Lab File: BM047296.D

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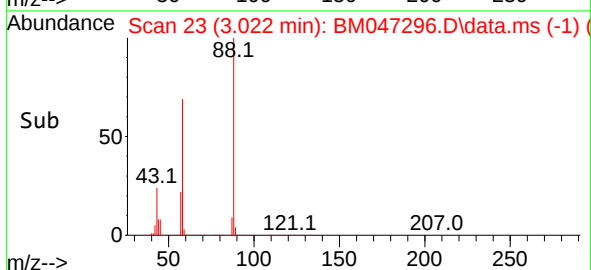
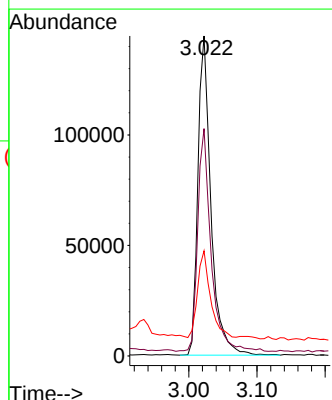
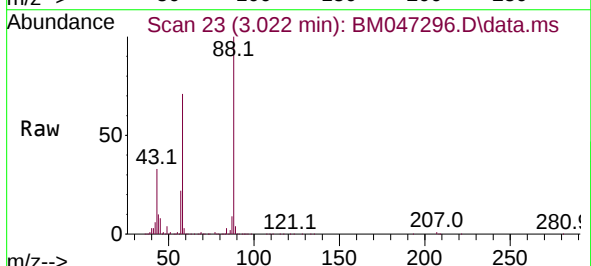
Tgt Ion: 88 Resp: 191670

Ion Ratio Lower Upper

88 100

58 70.8 58.2 87.4

43 26.5 22.5 33.7

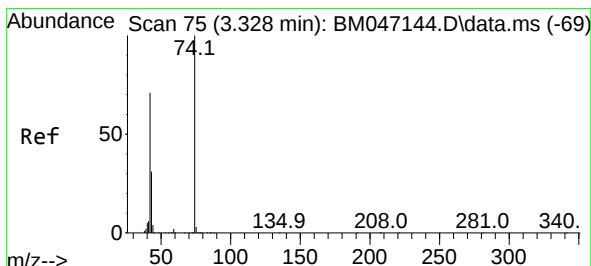
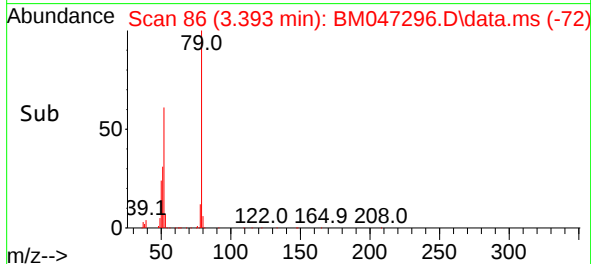
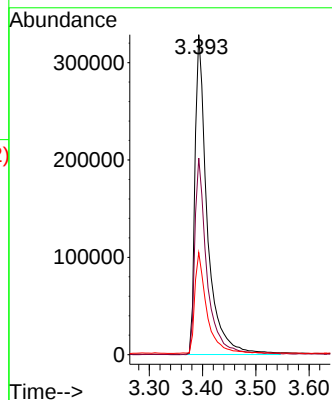
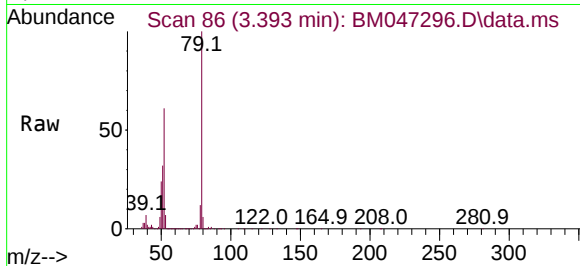




#3
Pyridine
Concen: 40.865 ng
RT: 3.393 min Scan# 80
Delta R.T. -0.018 min
Lab File: BM047296.D
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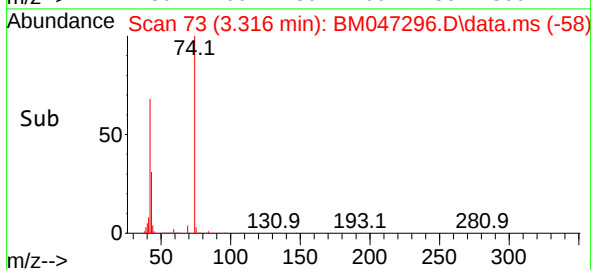
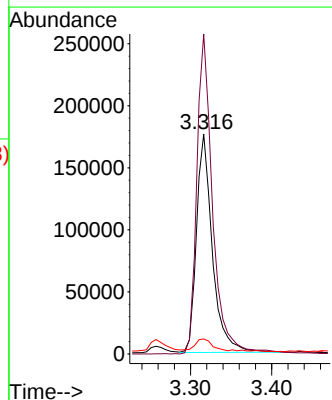
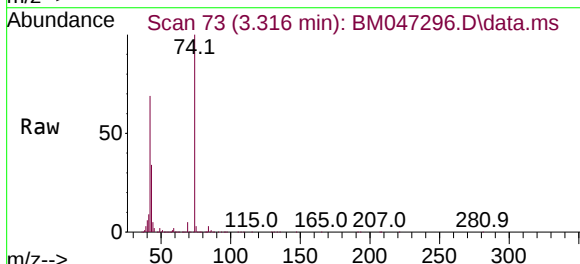
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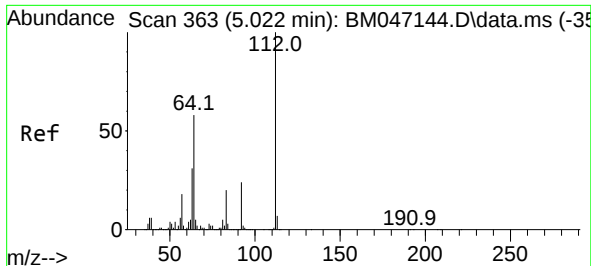
Tgt Ion: 79 Resp: 527947
Ion Ratio Lower Upper
79 100
52 61.4 51.2 76.8
51 31.9 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 42.493 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047296.D
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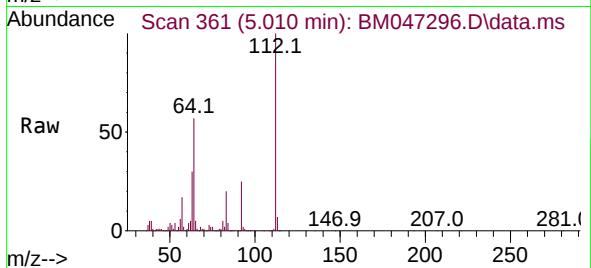
Tgt Ion: 42 Resp: 239850
Ion Ratio Lower Upper
42 100
74 145.4 112.9 169.3
44 6.9 5.3 7.9



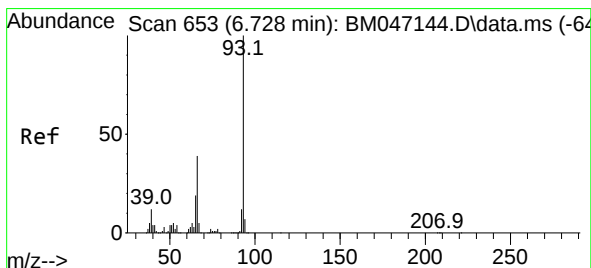
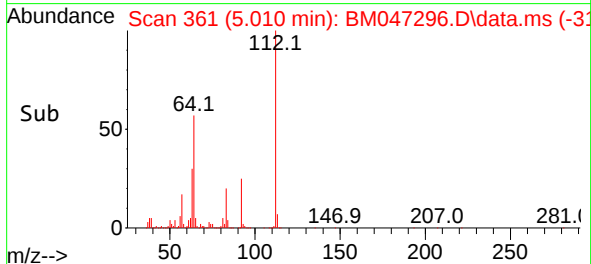
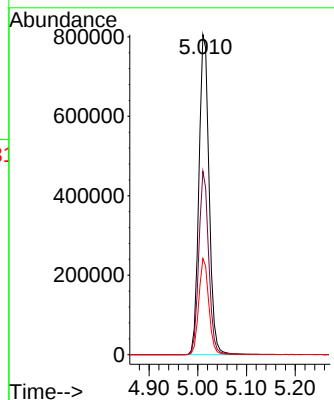


#5
2-Fluorophenol
Concen: 110.490 ng
RT: 5.010 min Scan# 30
Delta R.T. -0.012 min
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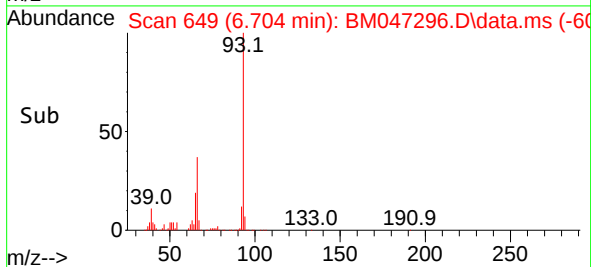
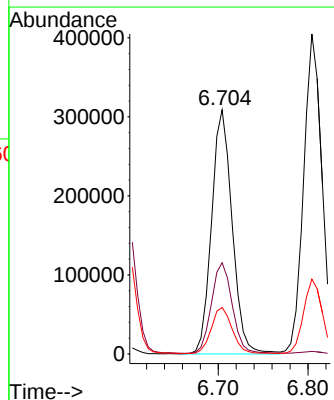
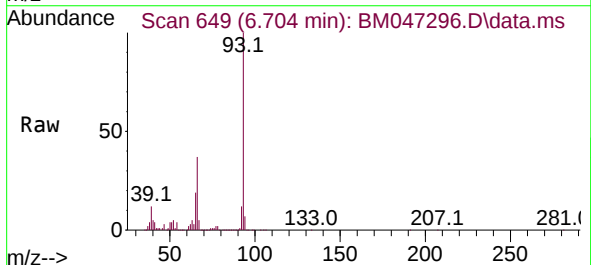


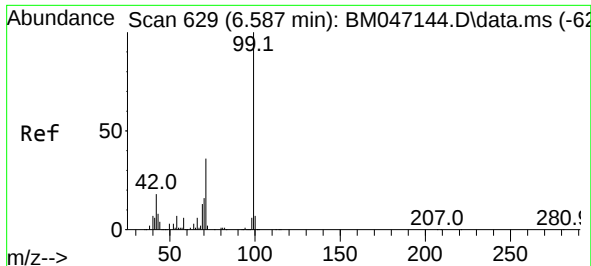
Tgt Ion:112 Resp: 1174869
Ion Ratio Lower Upper
112 100
64 57.3 46.7 70.1
63 30.0 24.8 37.2



#6
Aniline
Concen: 35.595 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion: 93 Resp: 492942
Ion Ratio Lower Upper
93 100
66 37.3 31.4 47.2
65 19.1 15.6 23.4

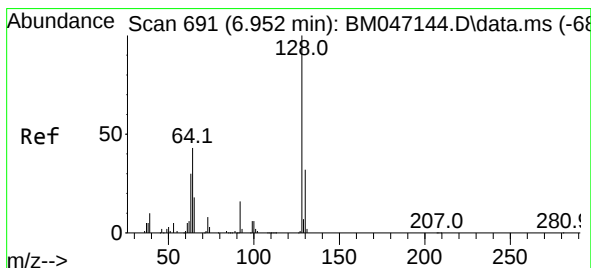
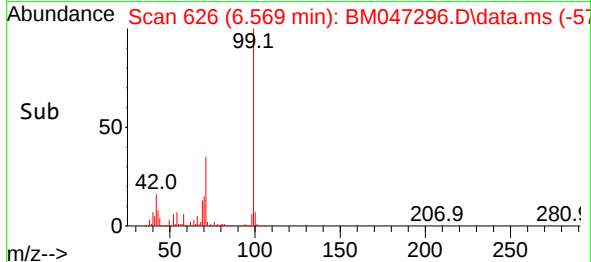
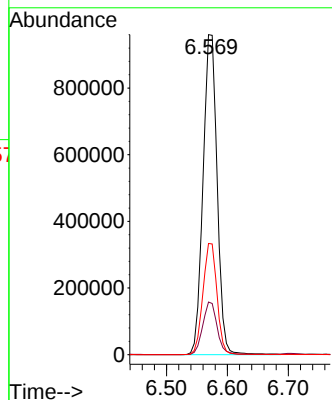
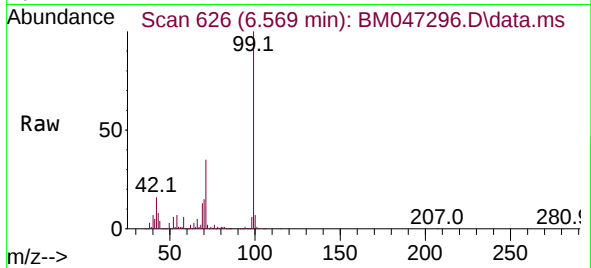




#7
Phenol-d6
Concen: 105.494 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047296.D
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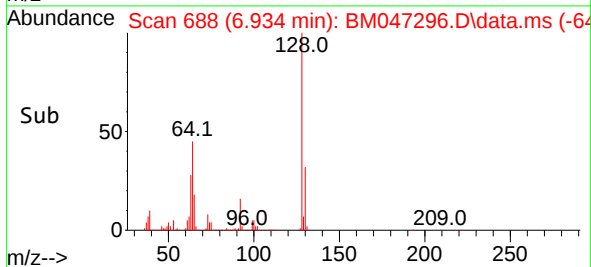
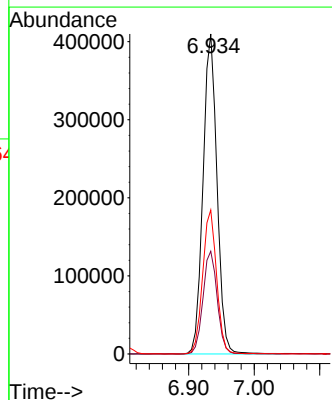
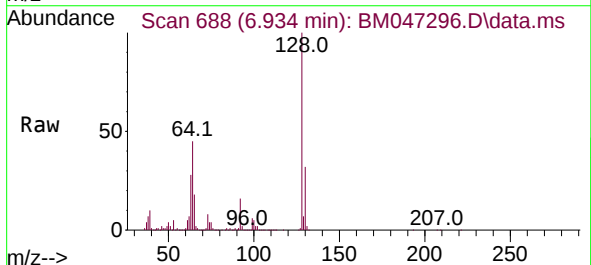
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Tgt Ion: 99 Resp: 1545676
Ion Ratio Lower Upper
99 100
42 16.5 14.1 21.1
71 34.7 28.5 42.7



#8
2-Chlorophenol
Concen: 52.586 ng
RT: 6.934 min Scan# 688
Delta R.T. -0.018 min
Lab File: BM047296.D
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Tgt Ion: 128 Resp: 609870
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 45.0 26.6 66.6

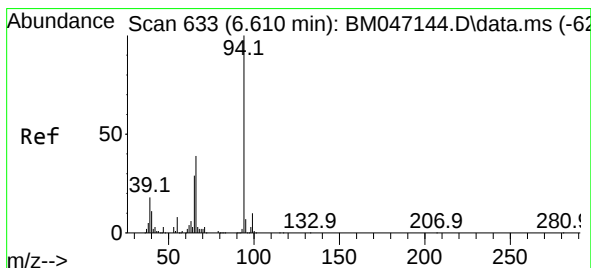
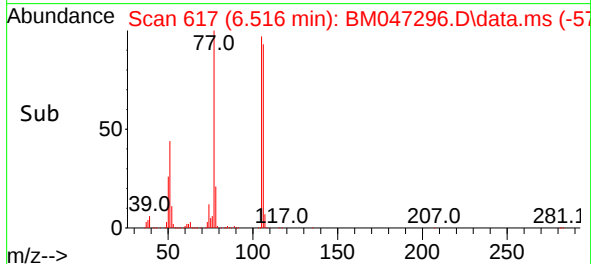
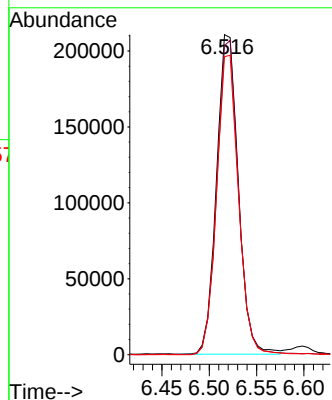
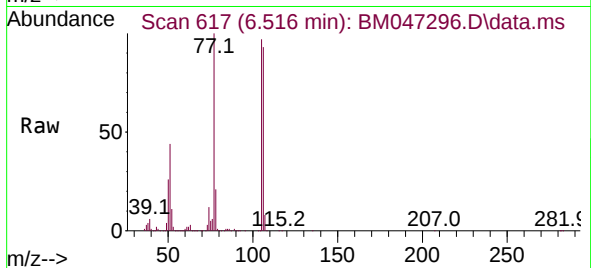




#9
Benzaldehyde
Concen: 47.625 ng
RT: 6.516 min Scan# 617
Delta R.T. -0.024 min
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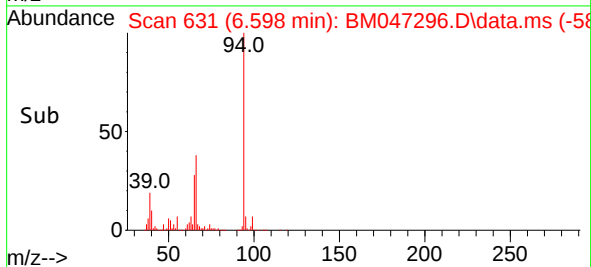
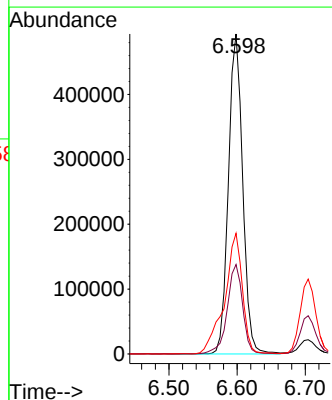
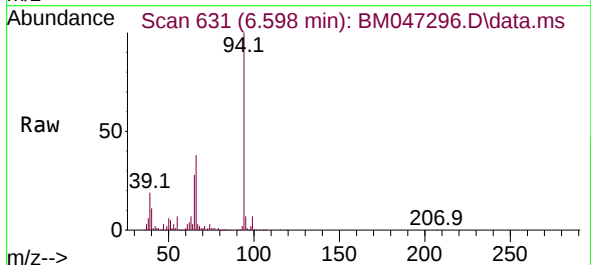
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BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

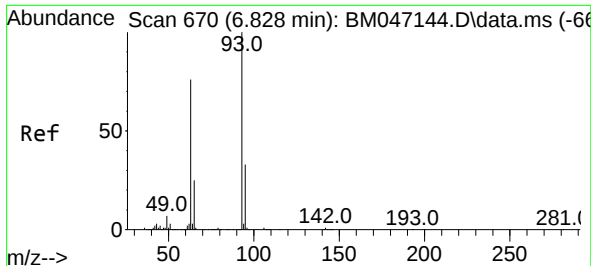
Tgt Ion: 77 Resp: 337754
Ion Ratio Lower Upper
77 100
105 96.6 74.5 114.5
106 93.2 72.3 112.3



#10
Phenol
Concen: 49.251 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion: 94 Resp: 720048
Ion Ratio Lower Upper
94 100
65 27.9 9.0 49.0
66 37.7 18.9 58.9

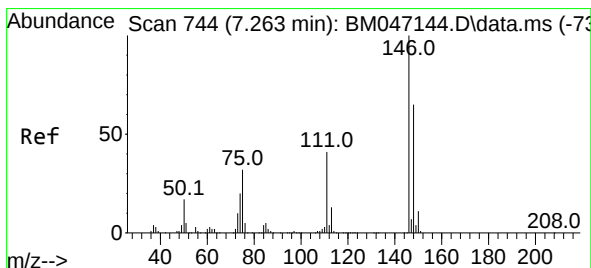
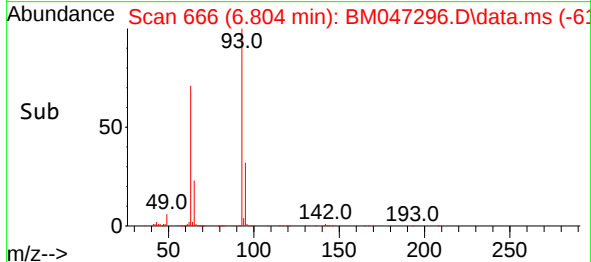
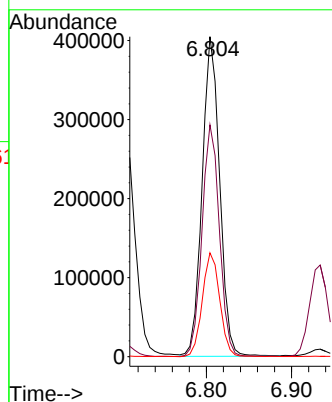
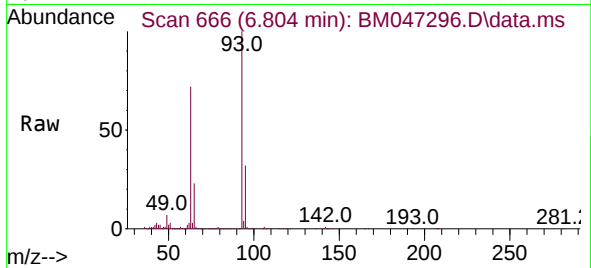




#11
bis(2-Chloroethyl)ether
Concen: 46.141 ng
RT: 6.804 min Scan# 611
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

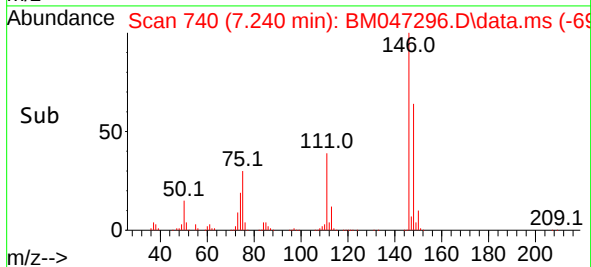
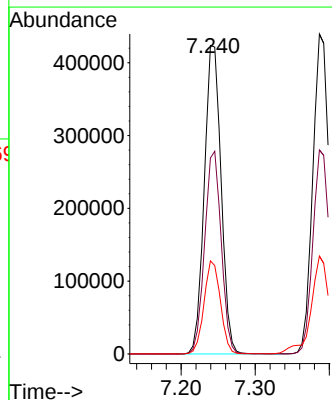
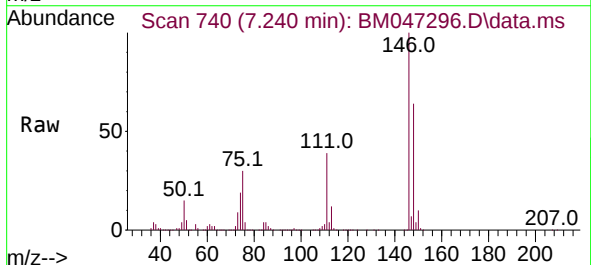
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

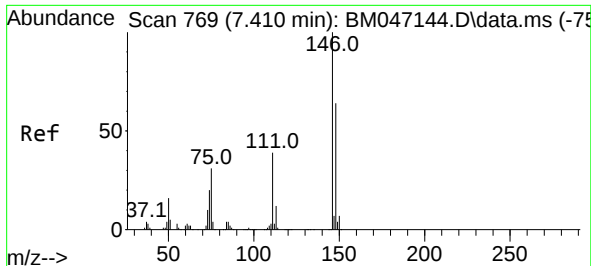
Tgt Ion: 93 Resp: 577694
Ion Ratio Lower Upper
93 100
63 72.5 55.8 95.8
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.626 ng
RT: 7.240 min Scan# 740
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion: 146 Resp: 670141
Ion Ratio Lower Upper
146 100
148 63.5 52.3 78.5
75 30.2 25.8 38.6

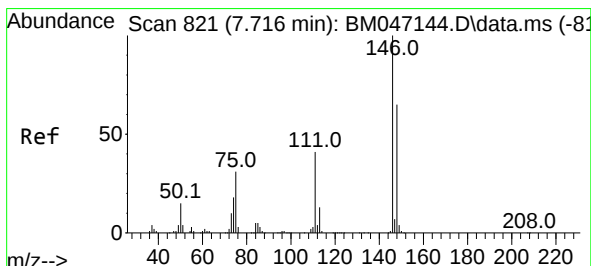
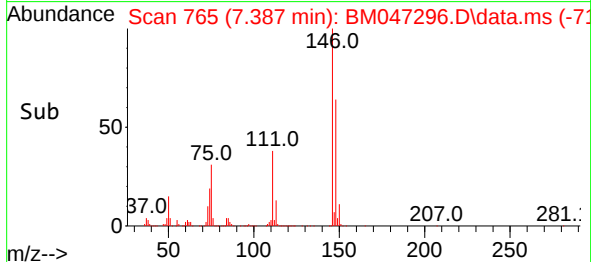
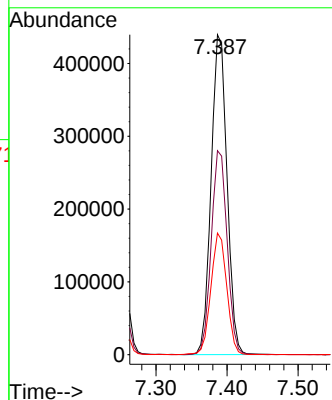
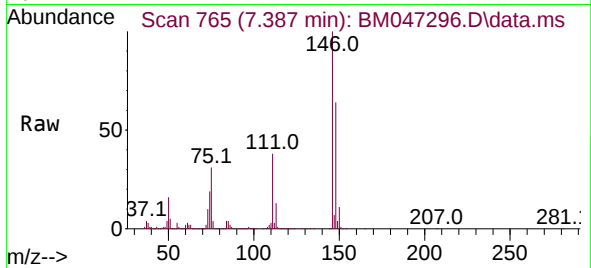




#13
1,4-Dichlorobenzene
Concen: 48.894 ng
RT: 7.387 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

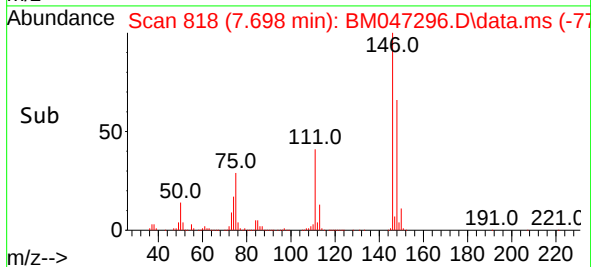
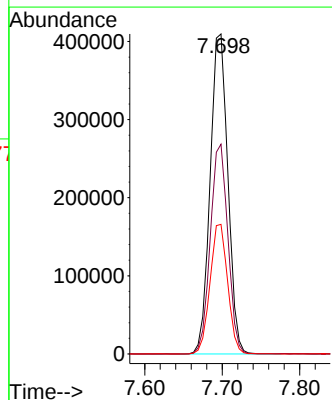
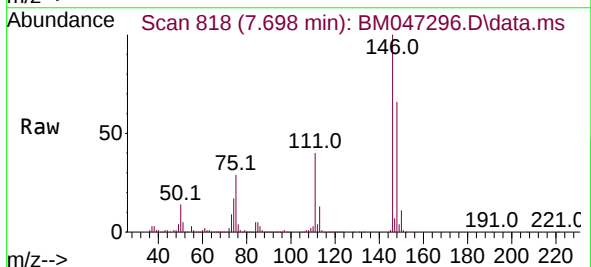
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

Tgt Ion:146 Resp: 682234
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 38.0 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 49.465 ng
RT: 7.698 min Scan# 818
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:146 Resp: 651233
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
111 40.5 33.3 49.9

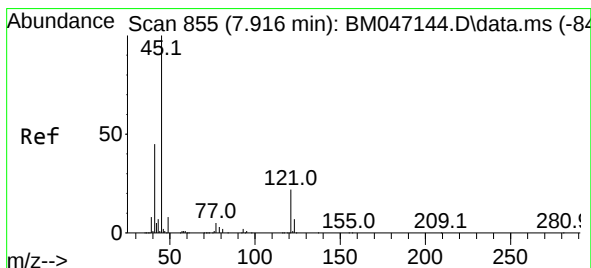
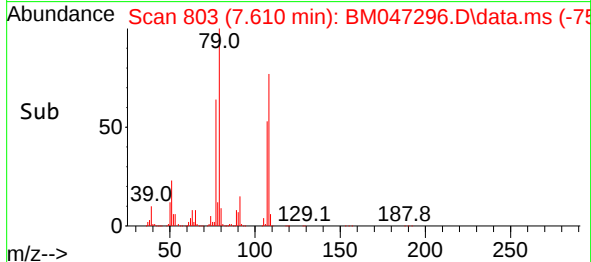
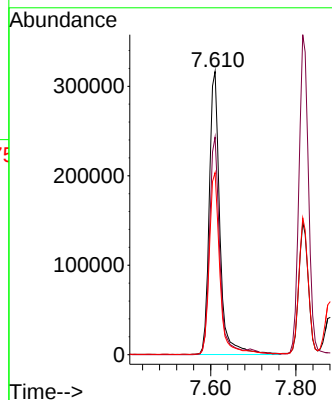
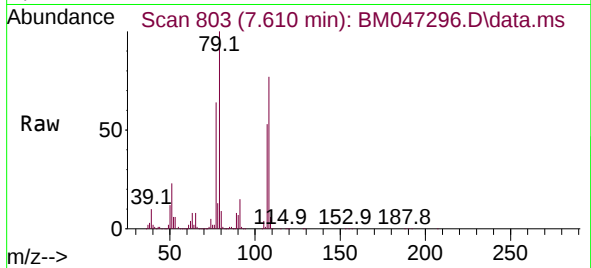




#15
Benzyl Alcohol
Concen: 52.270 ng
RT: 7.610 min Scan# 806
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

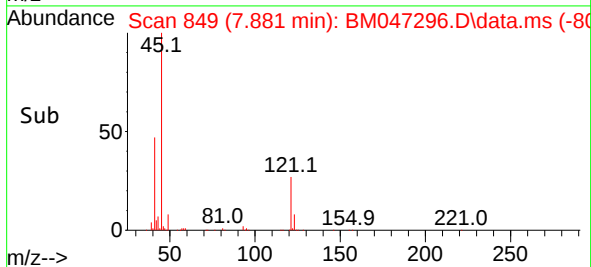
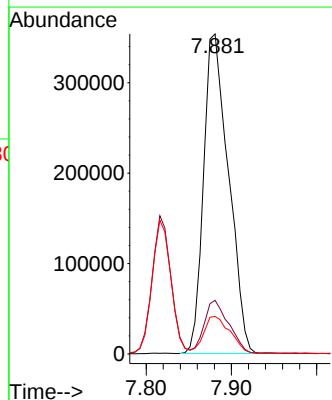
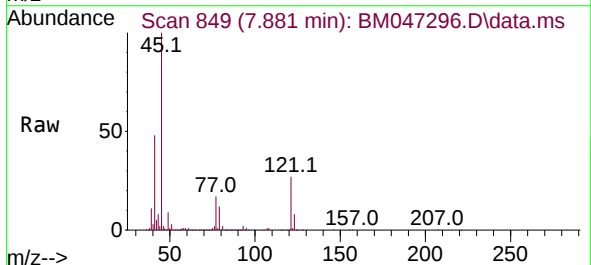
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

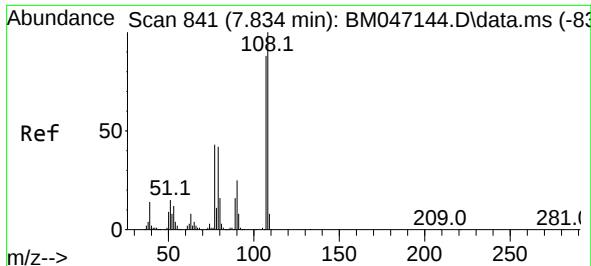
Tgt Ion: 79 Resp: 545050
Ion Ratio Lower Upper
79 100
108 76.8 59.7 89.5
77 64.3 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.857 ng
RT: 7.881 min Scan# 849
Delta R.T. -0.035 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion: 45 Resp: 720663
Ion Ratio Lower Upper
45 100
77 16.8 0.0 35.6
79 11.8 0.0 32.4

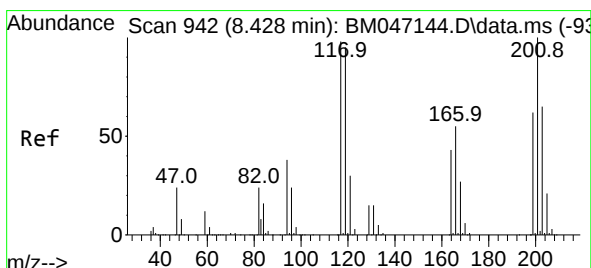
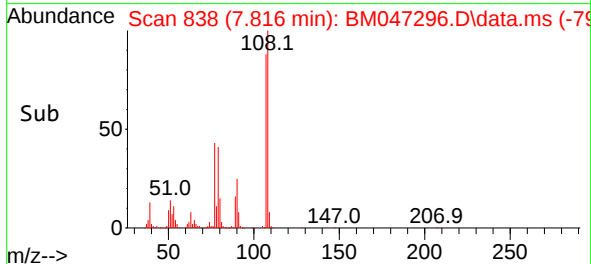
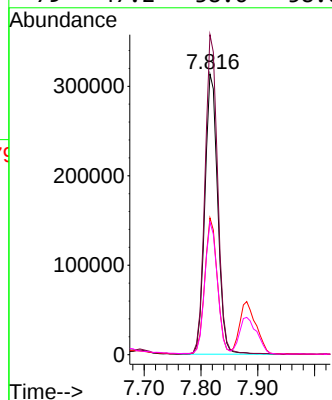
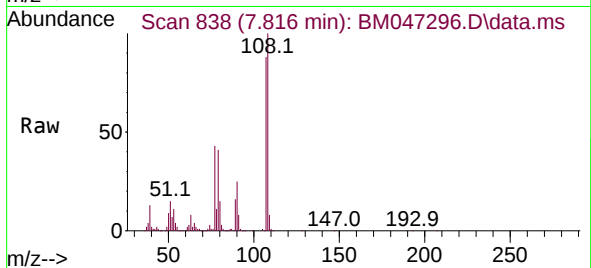




#17
2-Methylphenol
Concen: 50.110 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

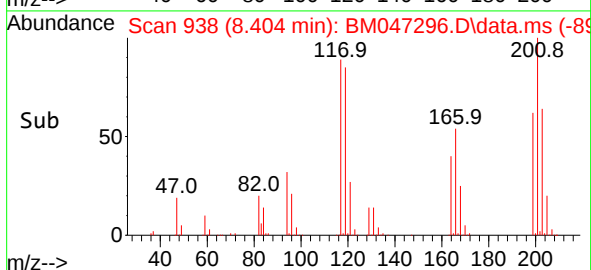
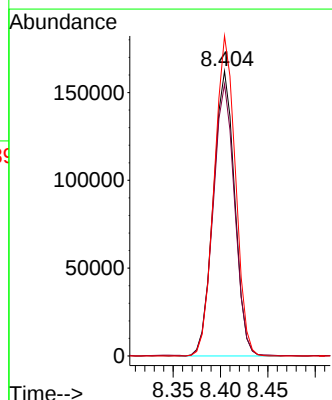
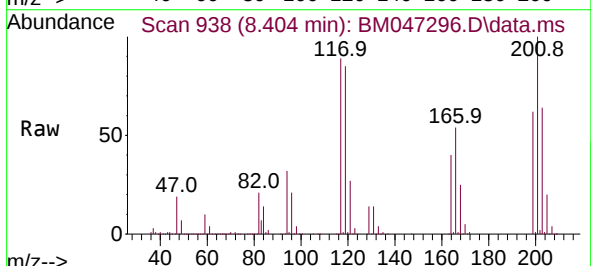
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

Tgt Ion:	107	Resp:	488755
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.6	135.8
77	48.8	39.3	58.9
79	47.2	38.6	58.0



#18
Hexachloroethane
Concen: 47.024 ng
RT: 8.404 min Scan# 938
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

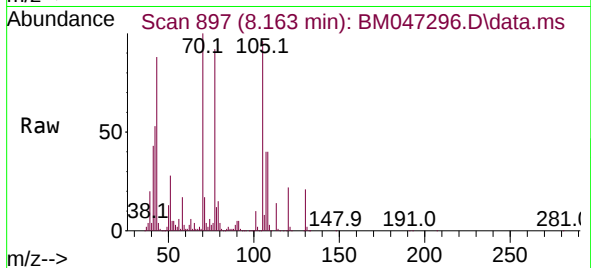
Tgt Ion:	117	Resp:	254164
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	112.4	81.3	121.9





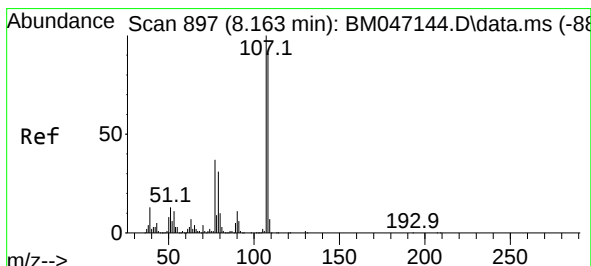
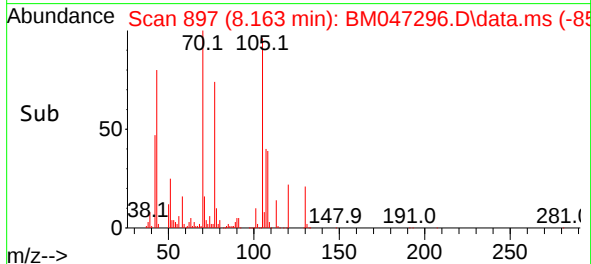
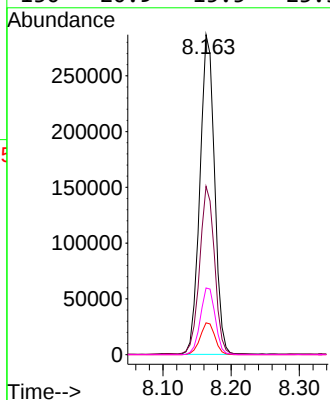
#19
n-Nitroso-di-n-propylamine
Concen: 43.409 ng
RT: 8.163 min Scan# 897
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS



Tgt Ion: 70 Resp: 428409

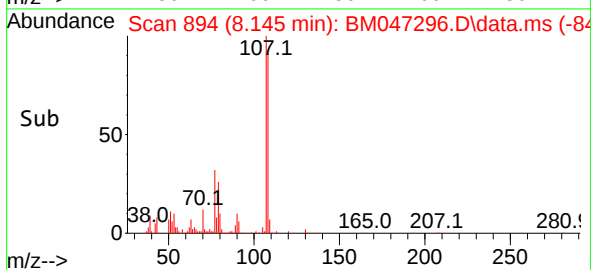
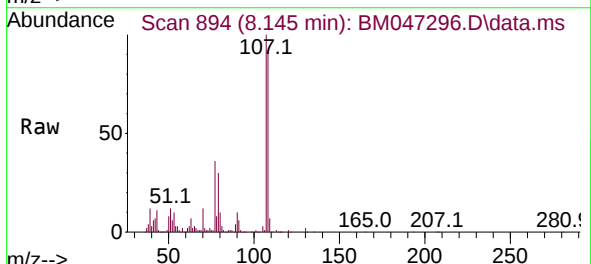
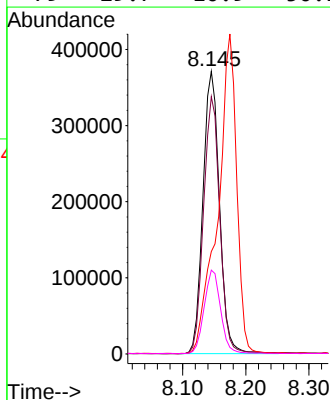
Ion	Ratio	Lower	Upper
70	100		
42	52.6	42.0	63.0
101	9.9	7.2	10.8
130	20.9	15.5	23.3



#20
3+4-Methylphenols
Concen: 49.481 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion: 107 Resp: 674709

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.7	110.7
77	36.2	17.4	57.4
79	29.7	10.9	50.9

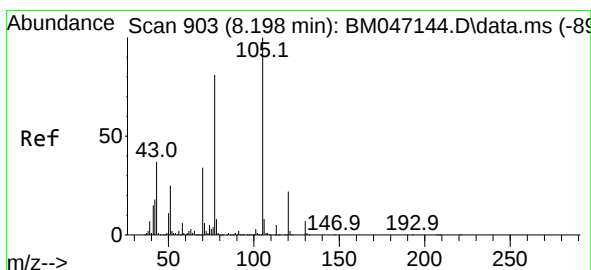
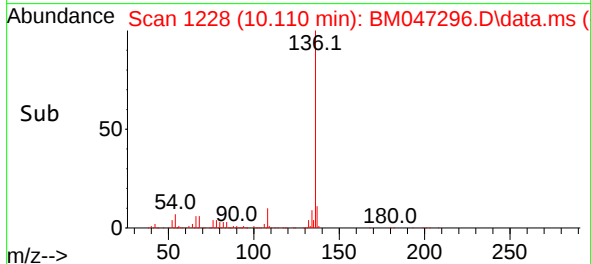
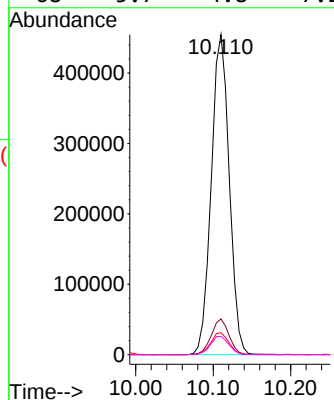
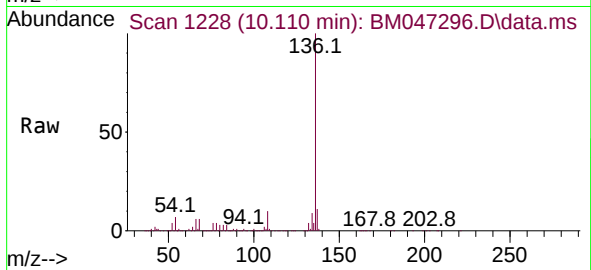




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

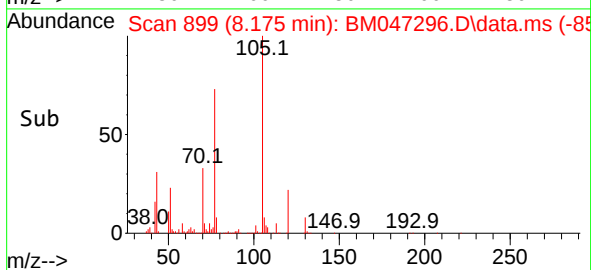
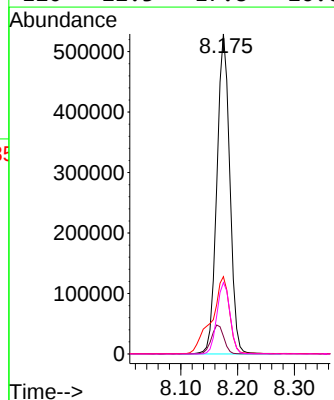
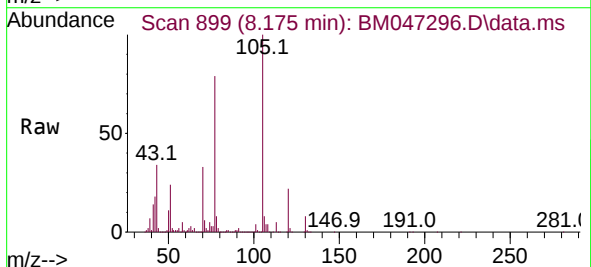
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

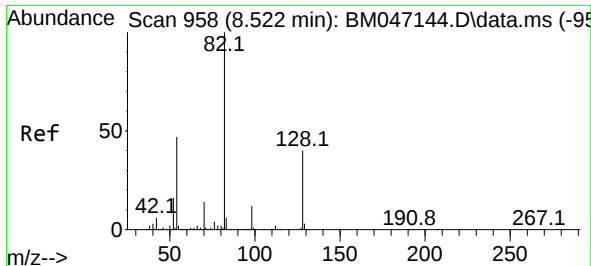
Tgt Ion:	136	Resp:	733236
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.9	6.0	9.0
68	5.7	4.8	7.2



#22
Acetophenone
Concen: 47.182 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:	105	Resp:	835076
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.5	6.7
51	24.2	20.1	30.1
120	22.3	17.8	26.6

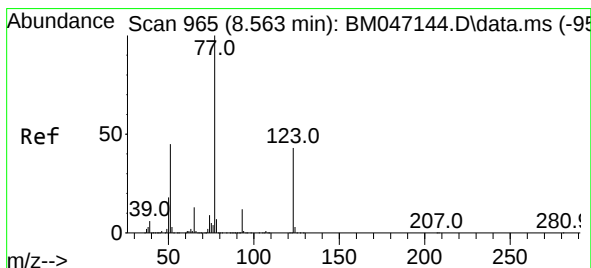
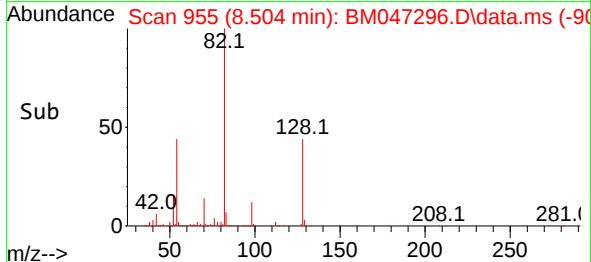
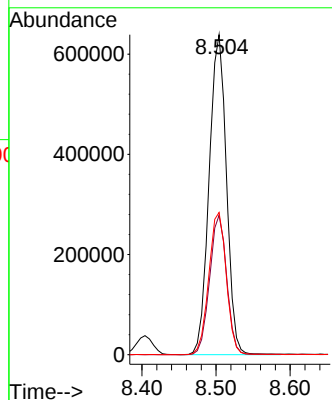
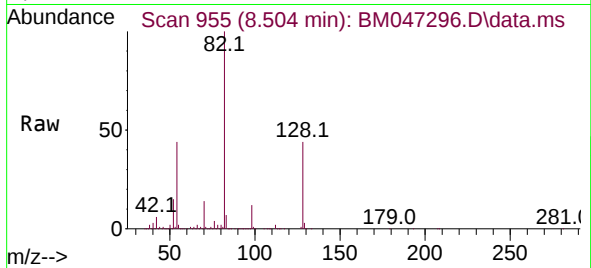




#23
Nitrobenzene-d5
Concen: 71.100 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

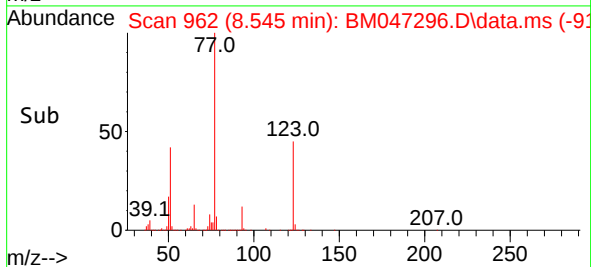
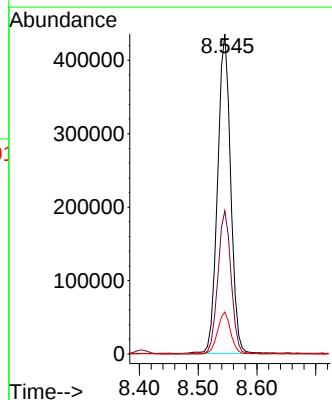
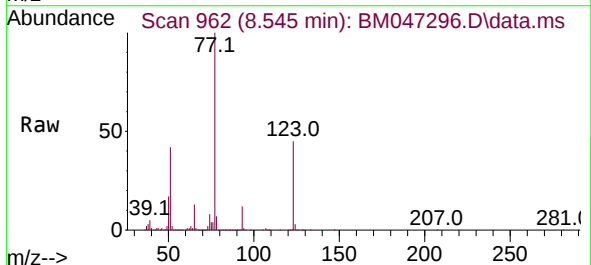
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

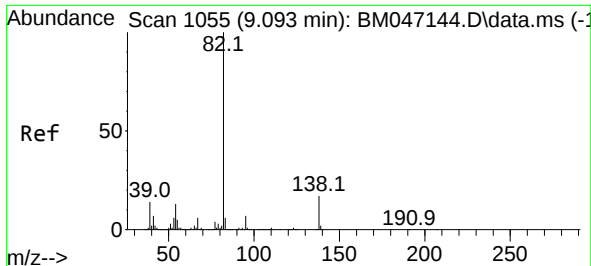
Tgt Ion: 82 Resp: 1035345
Ion Ratio Lower Upper
82 100
128 43.6 32.3 48.5
54 44.5 37.4 56.2



#24
Nitrobenzene
Concen: 45.932 ng
RT: 8.545 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion: 77 Resp: 673497
Ion Ratio Lower Upper
77 100
123 44.7 34.0 51.0
65 13.1 10.5 15.7





#25

Isophorone

Concen: 48.874 ng

RT: 9.069 min Scan# 1051

Delta R.T. -0.024 min

Lab File: BM047296.D

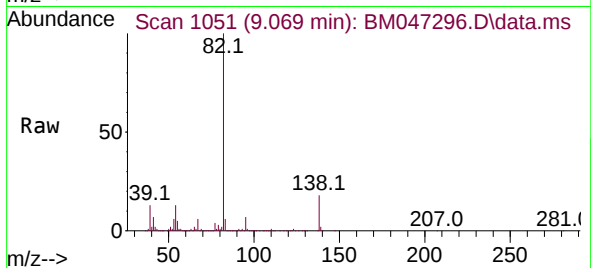
Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS



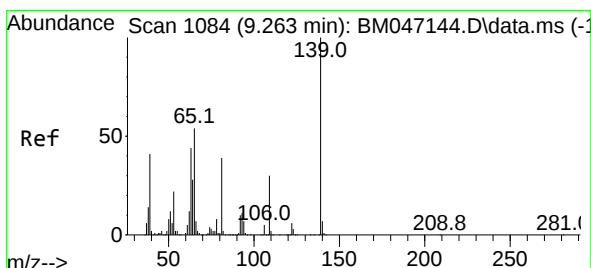
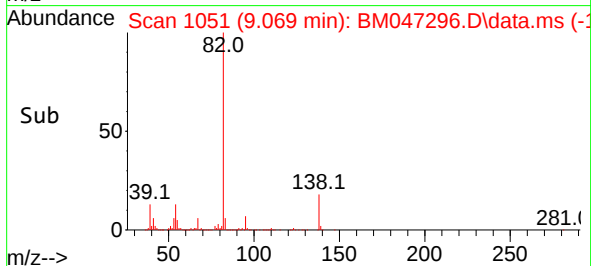
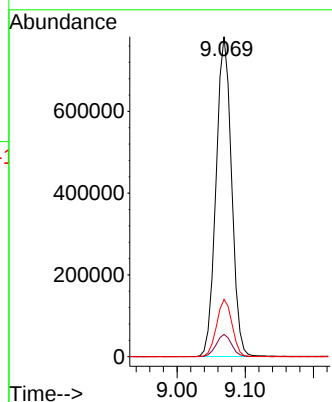
Tgt Ion: 82 Resp: 1239174

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.9 13.5 20.3



#26

2-Nitrophenol

Concen: 53.424 ng

RT: 9.245 min Scan# 1081

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

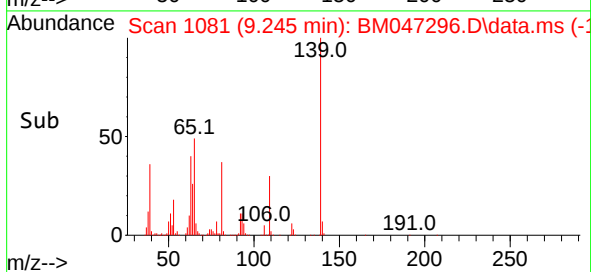
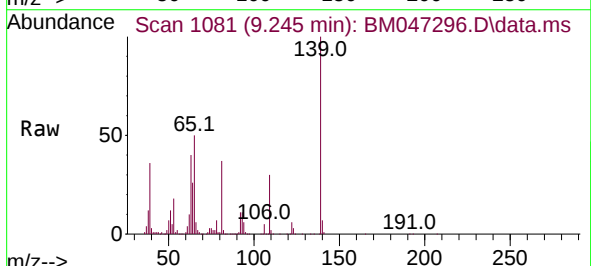
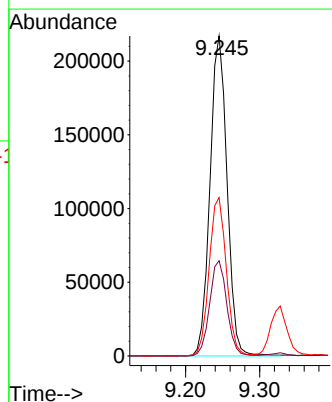
Tgt Ion:139 Resp: 346919

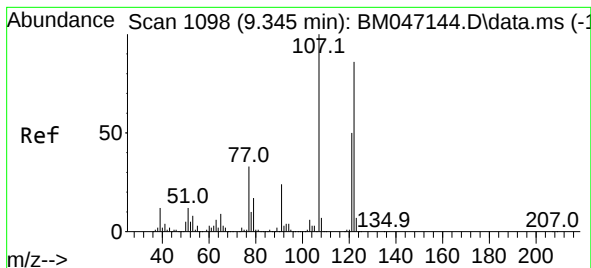
Ion Ratio Lower Upper

139 100

109 29.8 24.4 36.6

65 49.5 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 64.763 ng

RT: 9.328 min Scan# 1095

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

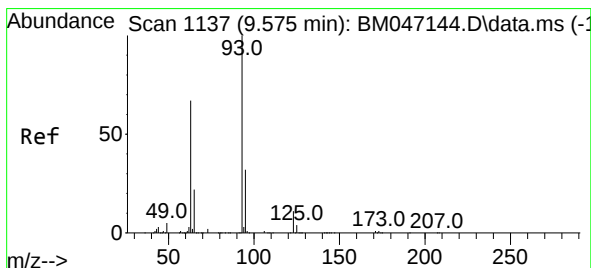
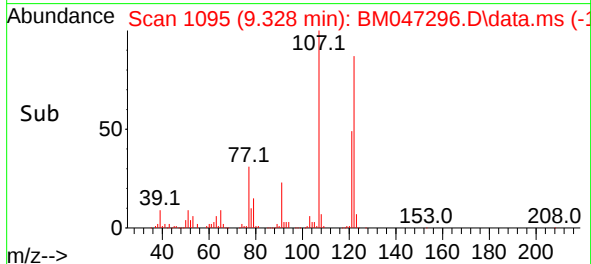
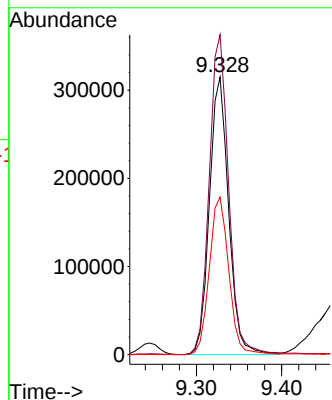
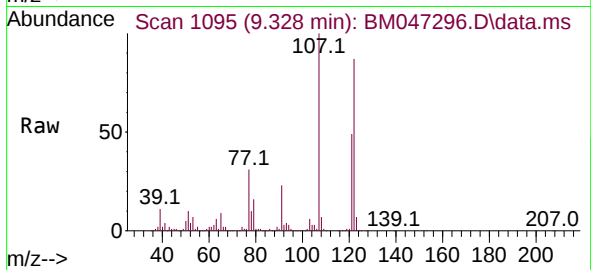
Tgt Ion:122 Resp: 492629

Ion Ratio Lower Upper

122 100

107 115.3 92.8 139.2

121 56.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.551 ng

RT: 9.557 min Scan# 1134

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

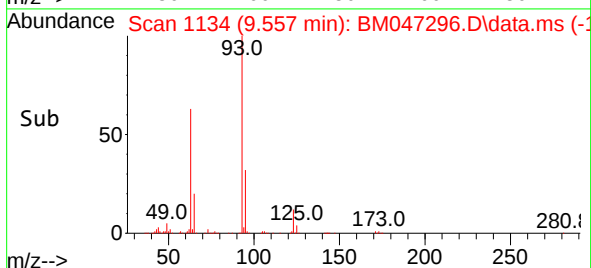
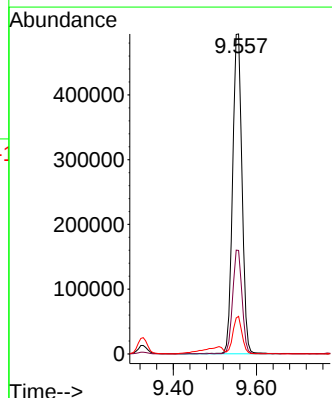
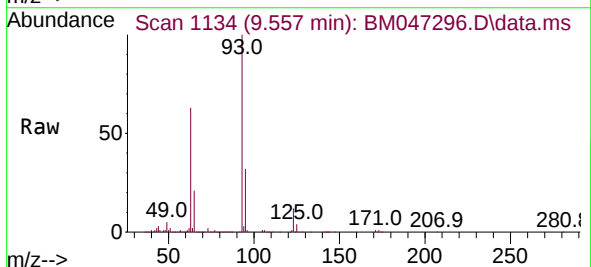
Tgt Ion: 93 Resp: 774572

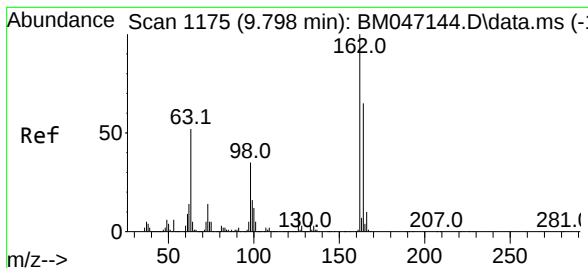
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 56.896 ng

RT: 9.781 min Scan# 1175

Delta R.T. -0.018 min

Lab File: BM047296.D

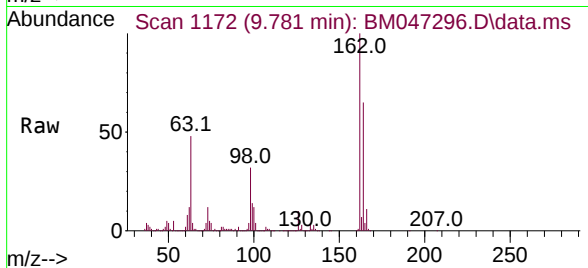
Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS



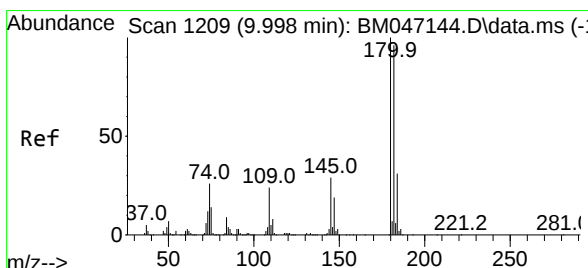
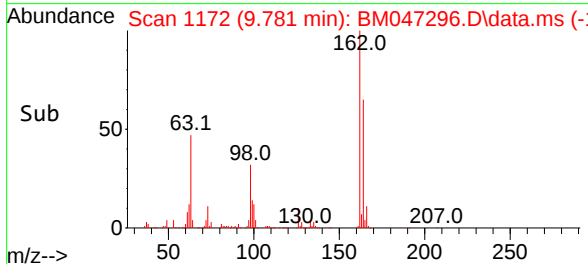
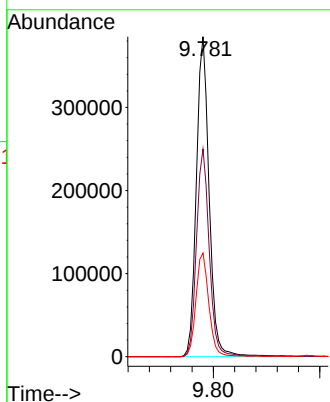
Tgt Ion:162 Resp: 642157

Ion Ratio Lower Upper

162 100

164 64.9 44.7 84.7

98 32.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 50.359 ng

RT: 9.981 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

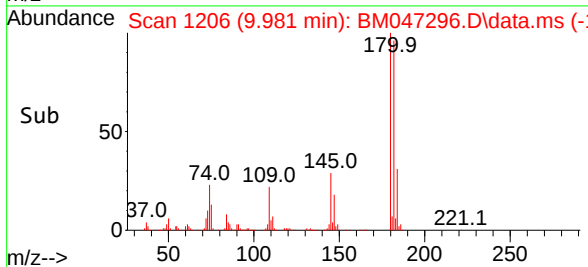
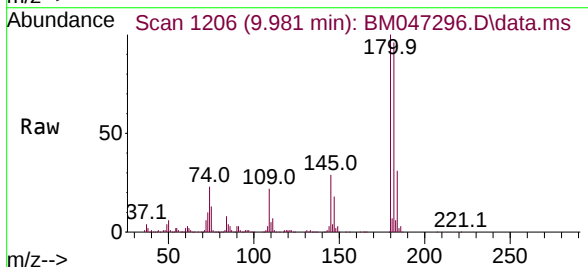
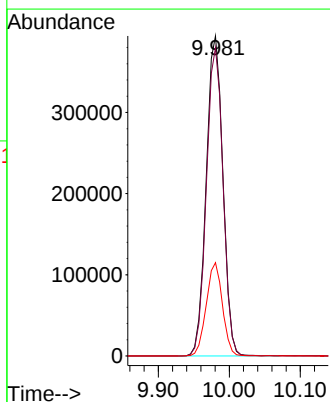
Tgt Ion:180 Resp: 643217

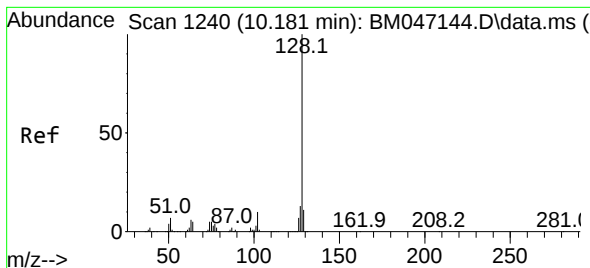
Ion Ratio Lower Upper

180 100

182 96.3 76.6 115.0

145 29.1 23.4 35.2

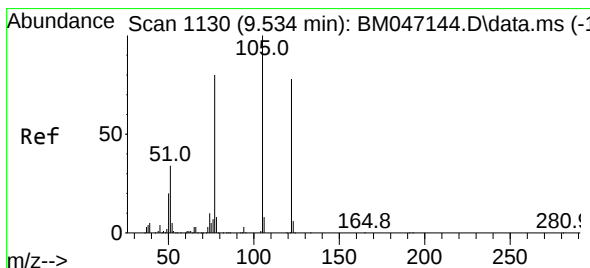
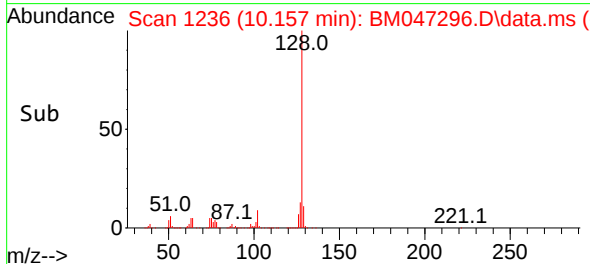
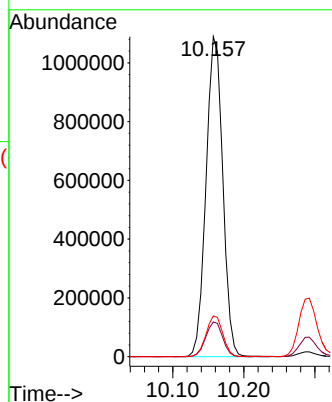
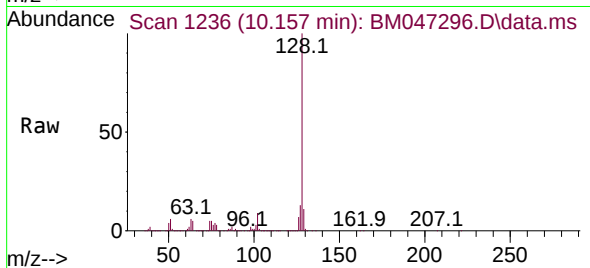




#31
Naphthalene
Concen: 48.871 ng
RT: 10.157 min Scan# 1126
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

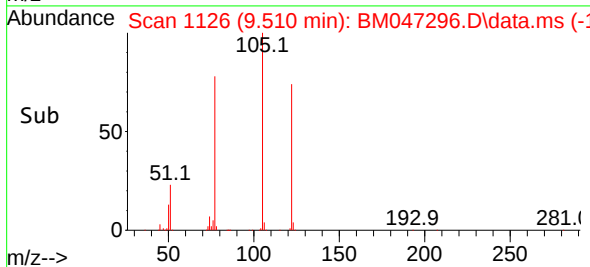
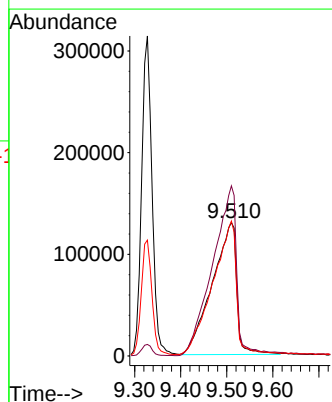
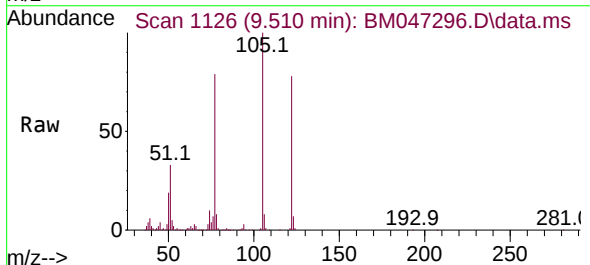
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

Tgt Ion:128 Resp: 1785126
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 54.311 ng
RT: 9.510 min Scan# 1126
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:122 Resp: 479970
Ion Ratio Lower Upper
122 100
105 127.4 107.1 147.1
77 101.1 82.1 122.1





#33

4-Chloroaniline

Concen: 26.543 ng

RT: 10.292 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

Tgt Ion:127 Resp: 372843

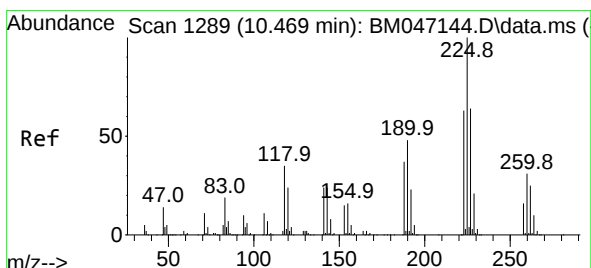
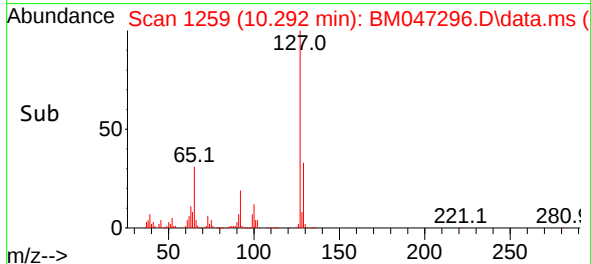
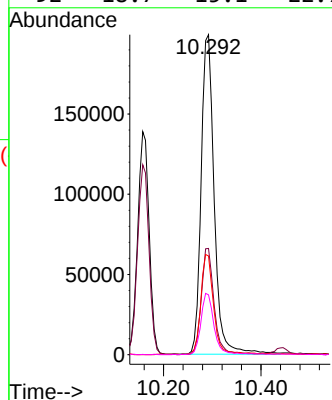
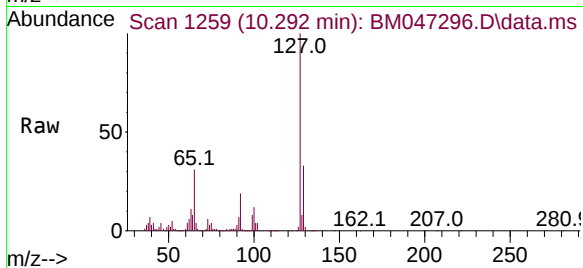
Ion Ratio Lower Upper

127 100

129 33.2 25.8 38.8

65 30.8 24.9 37.3

92 18.7 15.1 22.7



#34

Hexachlorobutadiene

Concen: 54.178 ng

RT: 10.439 min Scan# 1284

Delta R.T. -0.030 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

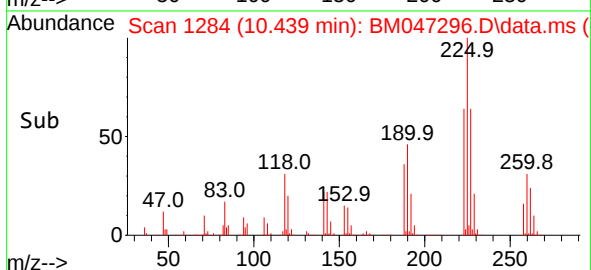
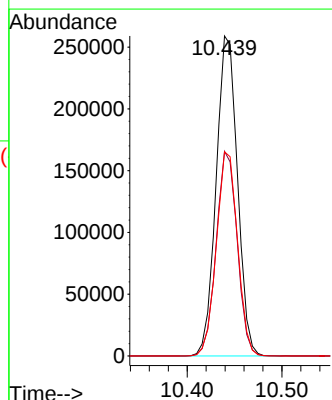
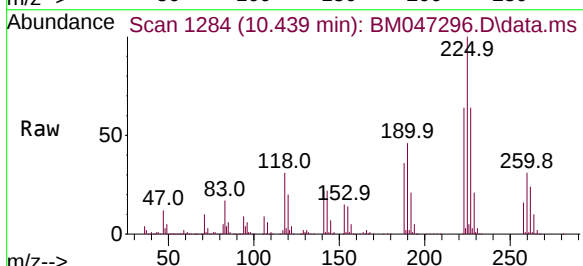
Tgt Ion:225 Resp: 405037

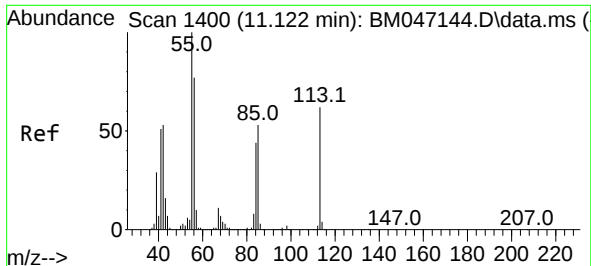
Ion Ratio Lower Upper

225 100

223 63.9 50.2 75.2

227 63.8 51.4 77.0

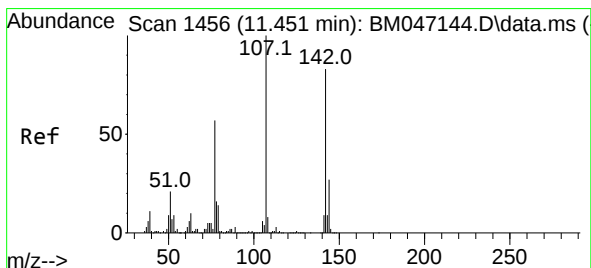
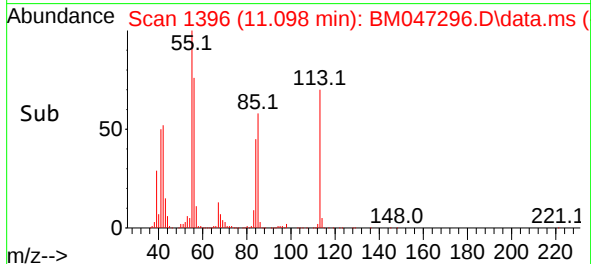
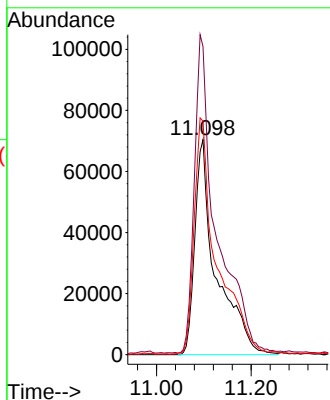
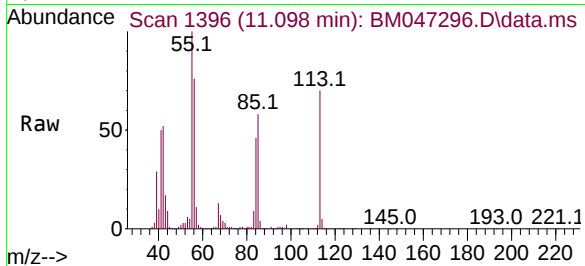




#35
 Caprolactam
 Concen: 56.267 ng
 RT: 11.098 min Scan# 113
 Delta R.T. -0.024 min
 Lab File: BM047296.D
 Acq: 21 Aug 2024 13:47

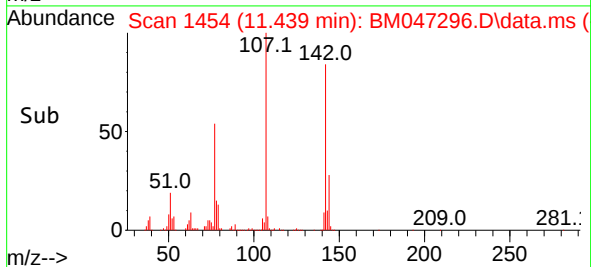
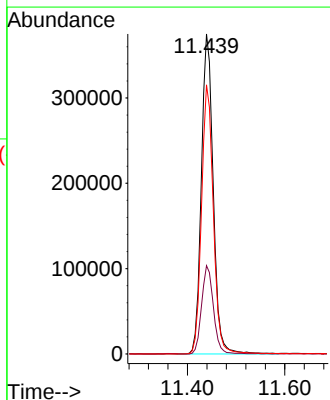
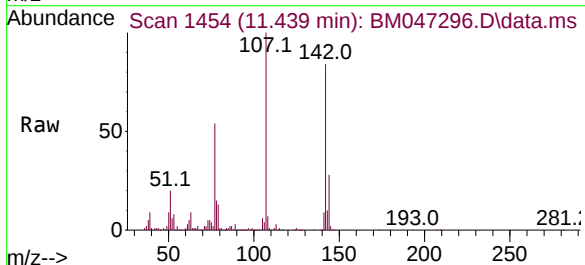
Instrument :
 BNA_M
 ClientSampleId :
 VCPS-B4-081424-10-16MS

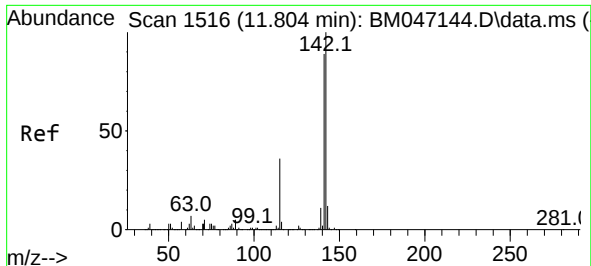
Tgt Ion:113 Resp: 220543
 Ion Ratio Lower Upper
 113 100
 55 143.3 140.5 180.5
 56 108.5 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 52.640 ng
 RT: 11.439 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BM047296.D
 Acq: 21 Aug 2024 13:47

Tgt Ion:107 Resp: 632734
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.8 32.6
 142 84.1 66.8 100.2

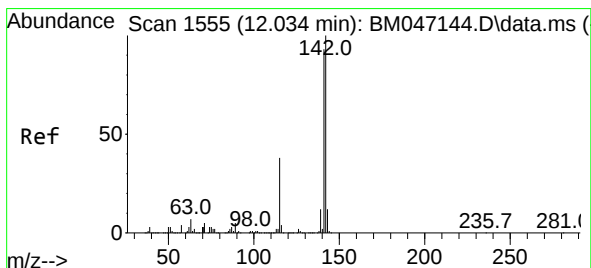
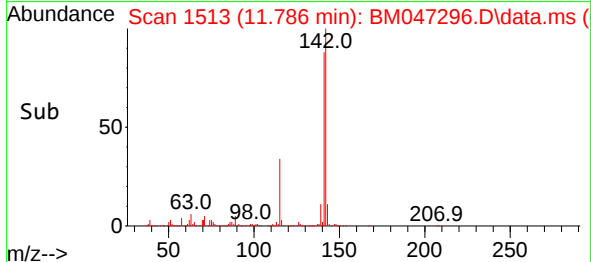
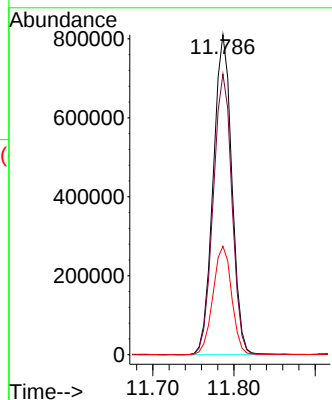
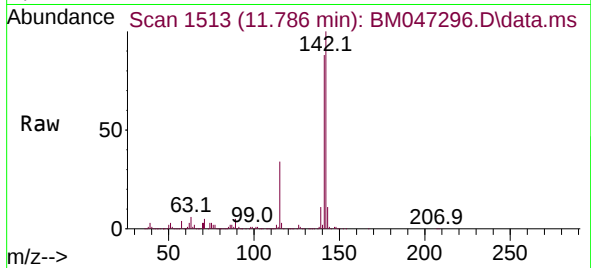




#37
2-Methylnaphthalene
Concen: 49.753 ng
RT: 11.786 min Scan# 1513
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

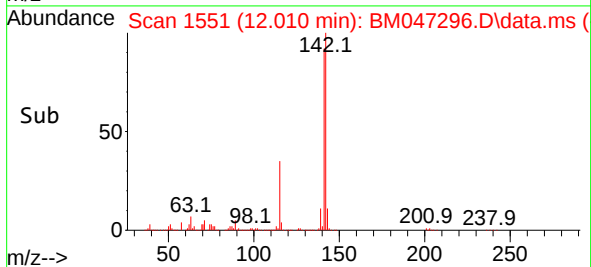
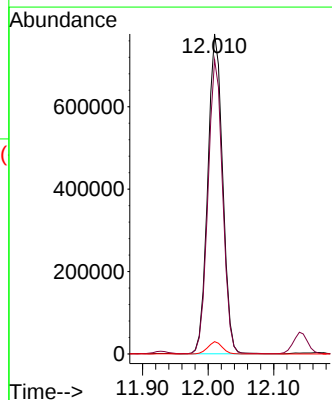
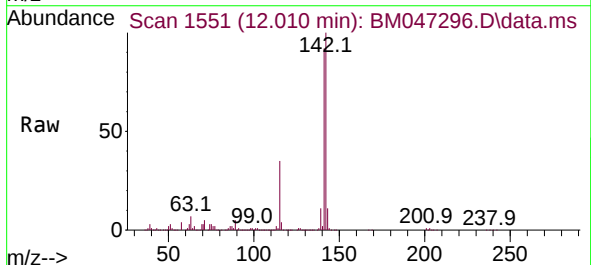
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

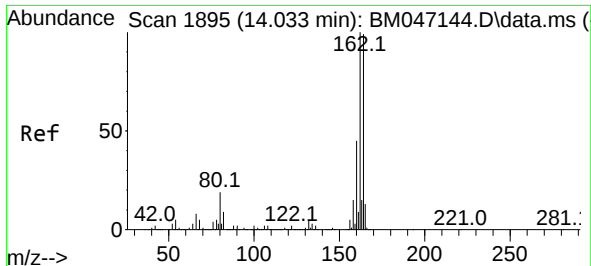
Tgt Ion:142 Resp: 1293940
Ion Ratio Lower Upper
142 100
141 87.7 70.9 106.3
115 33.9 28.7 43.1



#38
1-Methylnaphthalene
Concen: 47.558 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:142 Resp: 1222392
Ion Ratio Lower Upper
142 100
141 91.9 74.6 111.8
116 3.8 3.1 4.7

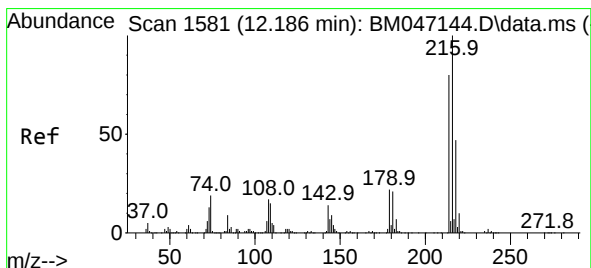
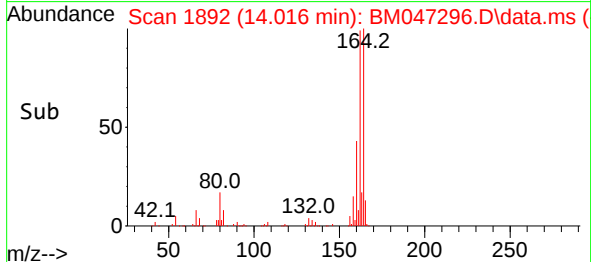
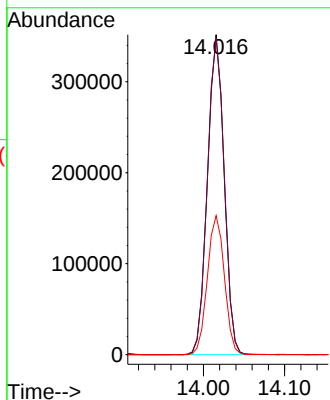
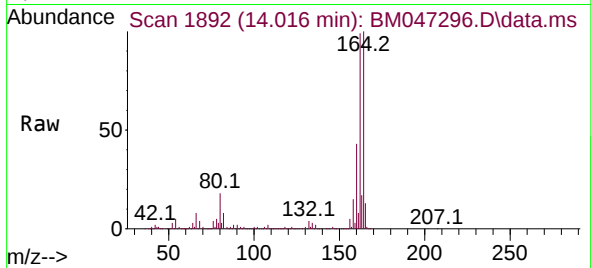




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

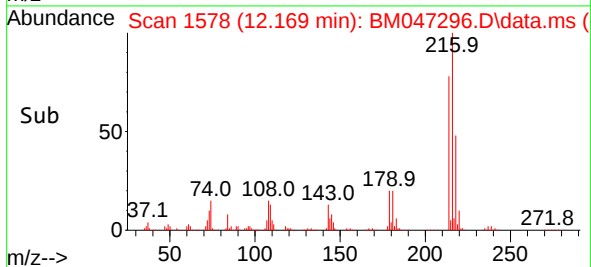
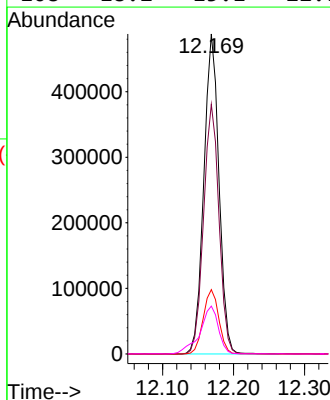
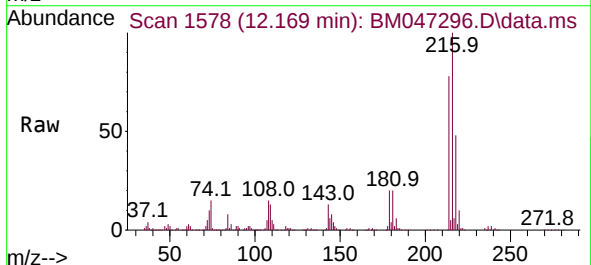
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

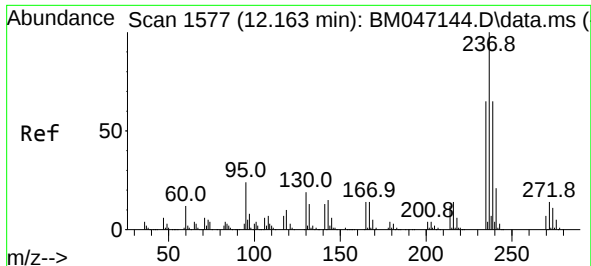
Tgt Ion:164 Resp: 501144
Ion Ratio Lower Upper
164 100
162 98.9 80.7 121.1
160 43.4 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.080 ng
RT: 12.169 min Scan# 1578
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

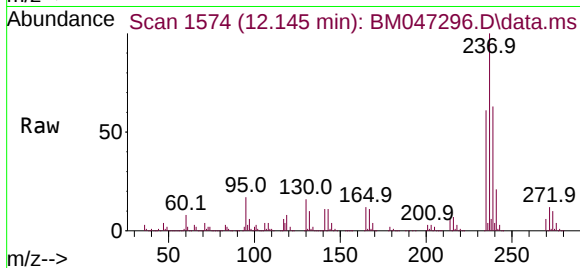
Tgt Ion:216 Resp: 725541
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.2
179 20.7 17.6 26.4
108 18.2 15.1 22.7



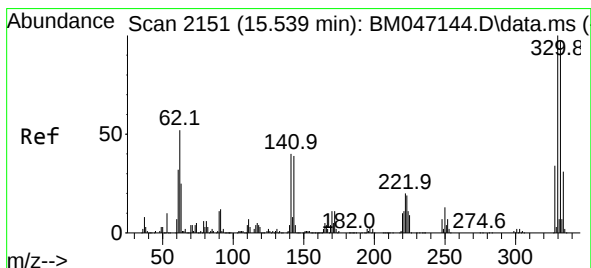
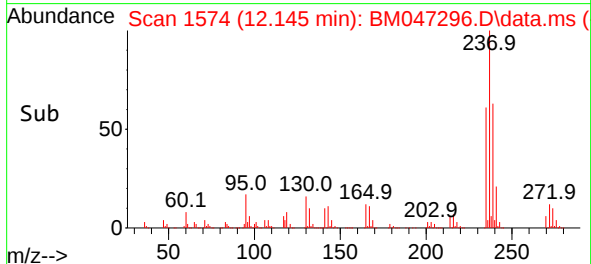
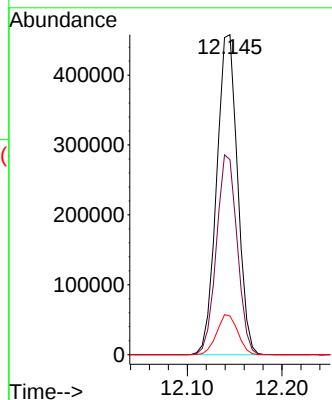


#41
Hexachlorocyclopentadiene
Concen: 147.094 ng
RT: 12.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

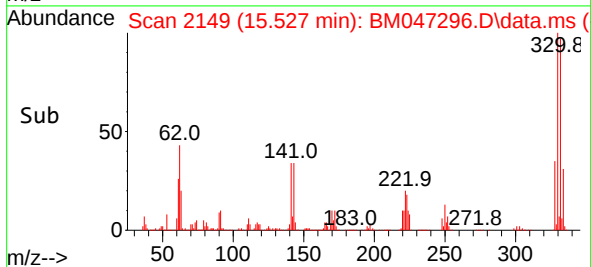
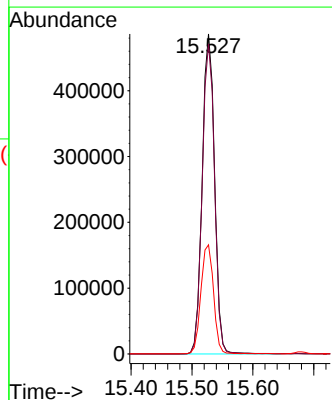
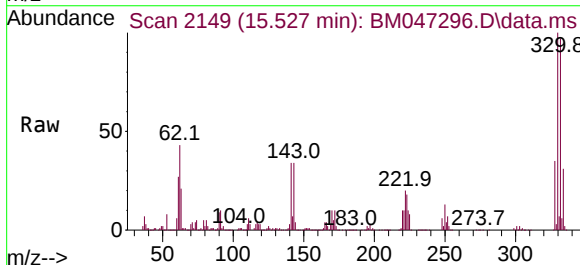


Tgt Ion:237 Resp: 702082
Ion Ratio Lower Upper
237 100
235 61.0 44.8 84.8
272 12.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 118.303 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:330 Resp: 687442
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 34.9 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 56.127 ng

RT: 12.427 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047296.D

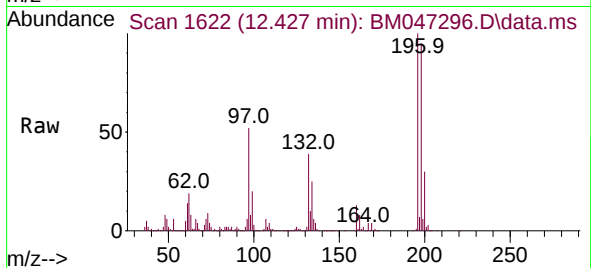
Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS



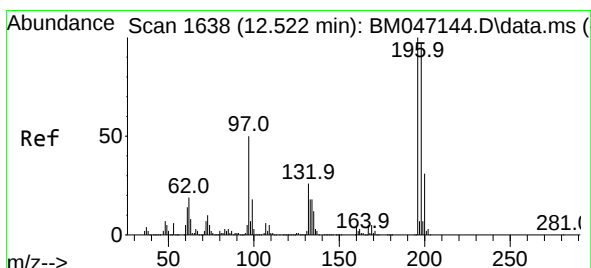
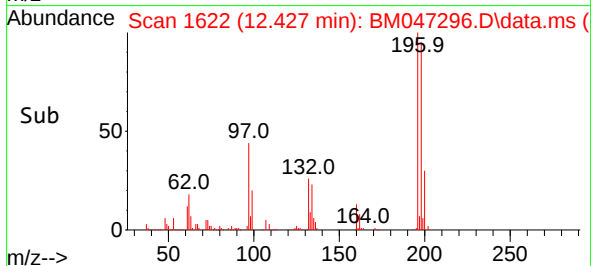
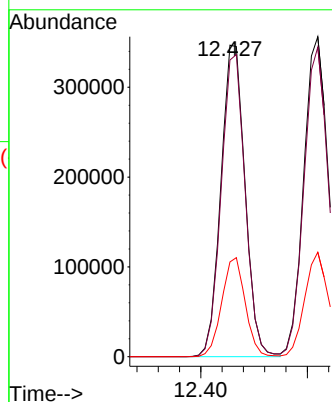
Tgt Ion:196 Resp: 545302

Ion Ratio Lower Upper

196 100

198 95.2 75.6 113.4

200 30.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 54.904 ng

RT: 12.510 min Scan# 1636

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Tgt Ion:196 Resp: 592258

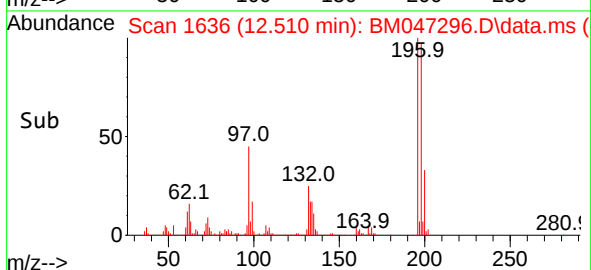
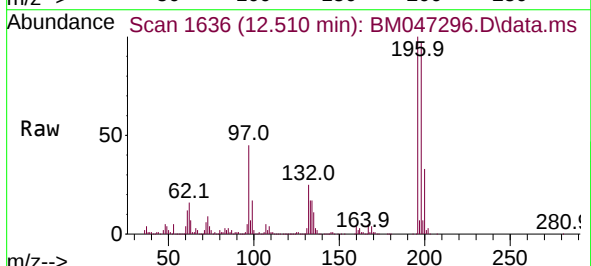
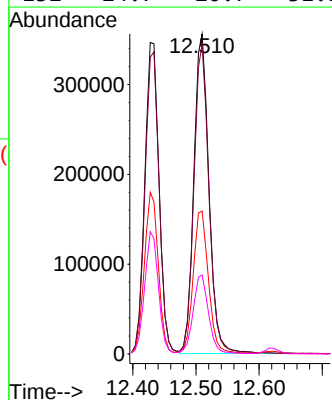
Ion Ratio Lower Upper

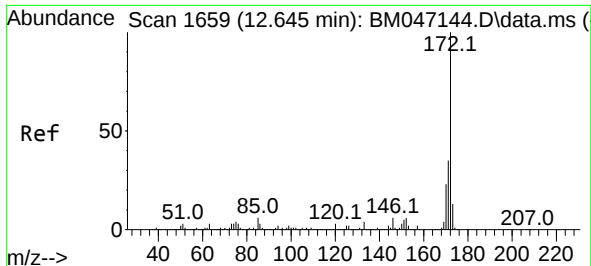
196 100

198 96.7 77.7 116.5

97 44.6 39.8 59.8

132 24.7 20.7 31.1

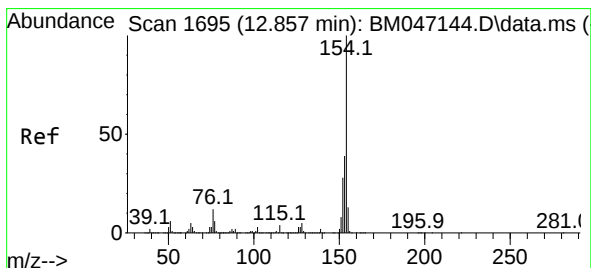
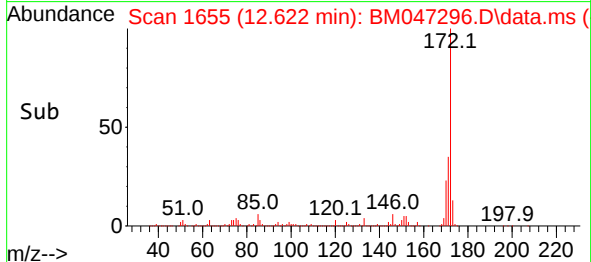
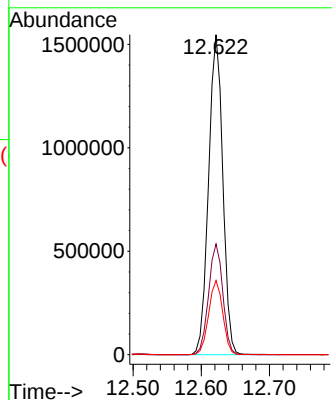
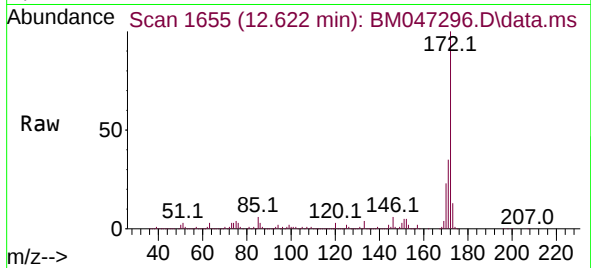




#45
2-Fluorobiphenyl
Concen: 69.053 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

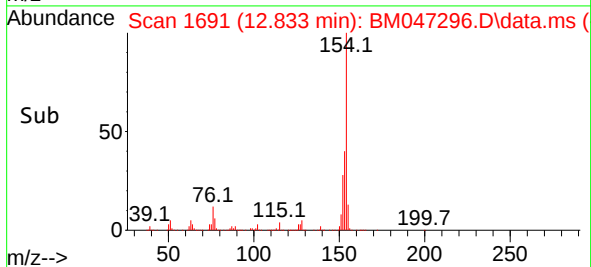
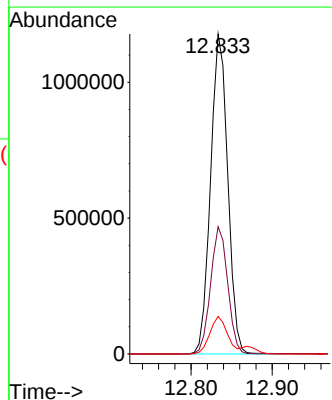
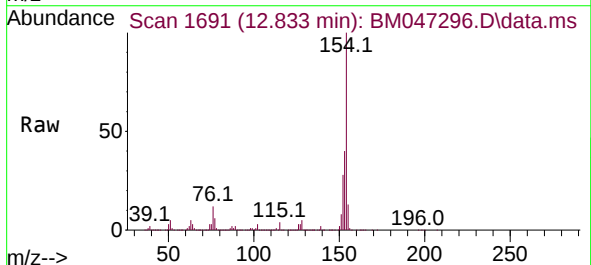
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

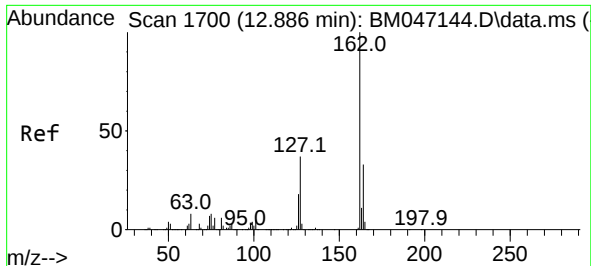
Tgt Ion:172 Resp: 2243420
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 48.356 ng
RT: 12.833 min Scan# 1691
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:154 Resp: 1725193
Ion Ratio Lower Upper
154 100
153 39.8 19.0 59.0
76 11.7 0.0 31.9

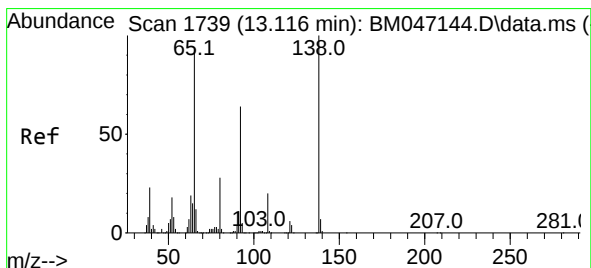
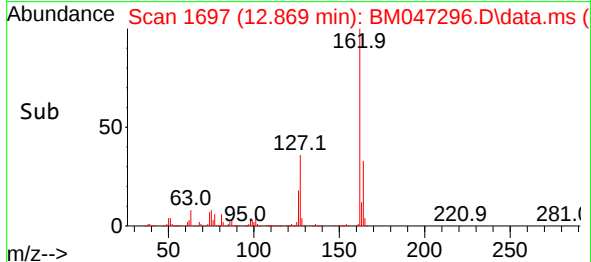
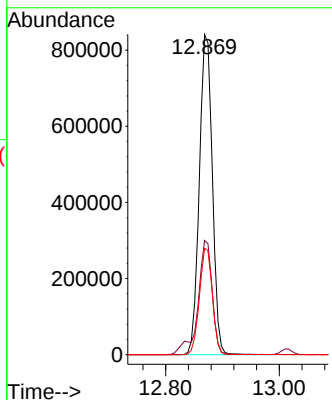
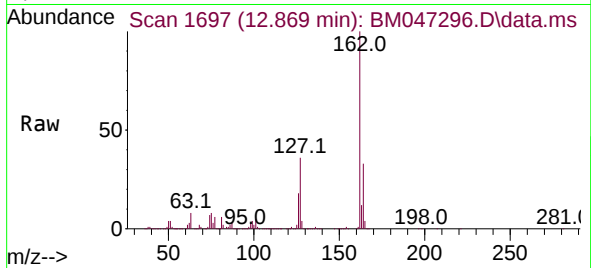




#47
2-Chloronaphthalene
Concen: 47.988 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

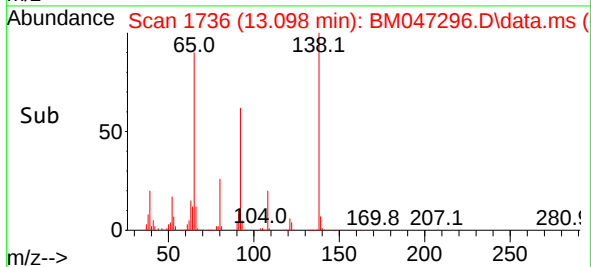
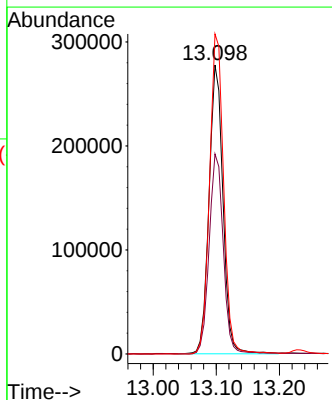
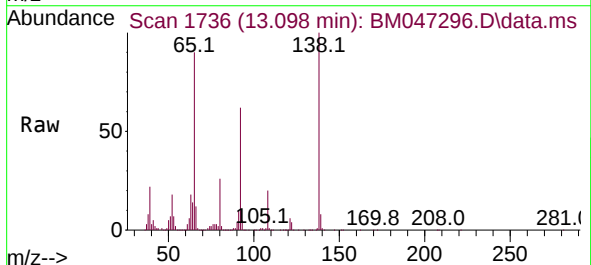
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

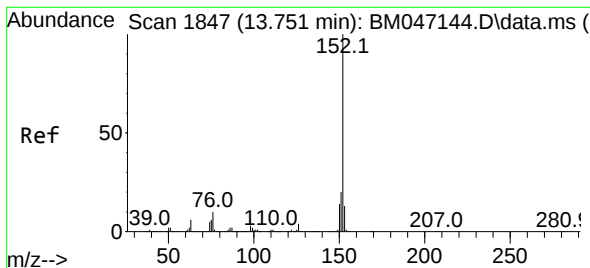
Tgt Ion:162 Resp: 1338163
Ion Ratio Lower Upper
162 100
127 35.7 30.0 45.0
164 33.2 26.3 39.5



#48
2-Nitroaniline
Concen: 48.714 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion: 65 Resp: 425564
Ion Ratio Lower Upper
65 100
92 69.2 55.1 82.7
138 110.8 85.9 128.9





#49

Acenaphthylene

Concen: 52.942 ng

RT: 13.733 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

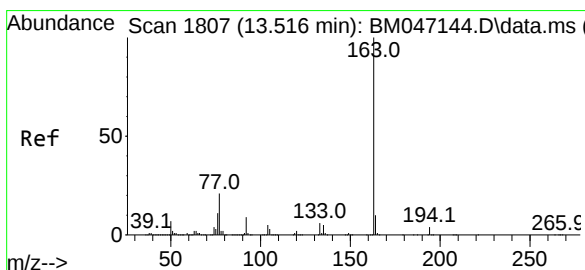
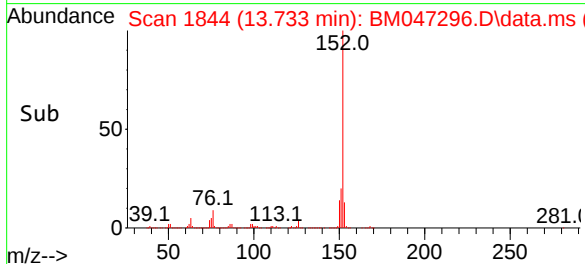
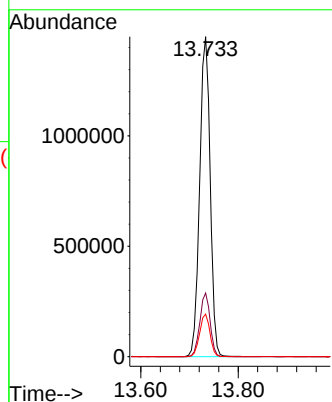
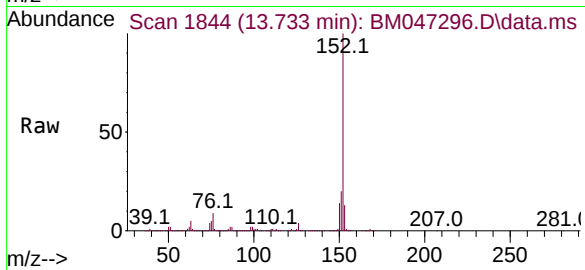
Tgt Ion:152 Resp: 2176121

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 50.892 ng

RT: 13.498 min Scan# 1804

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

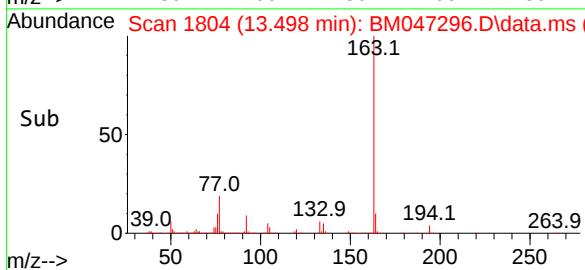
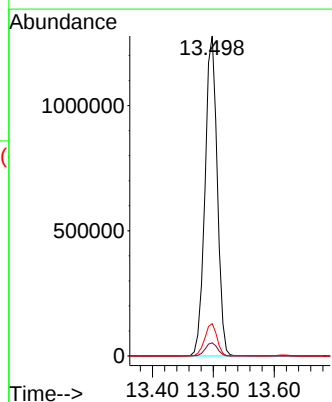
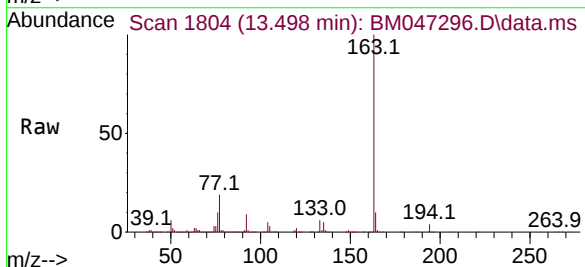
Tgt Ion:163 Resp: 1781221

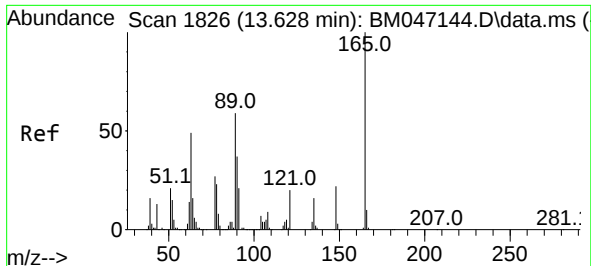
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.0 12.0

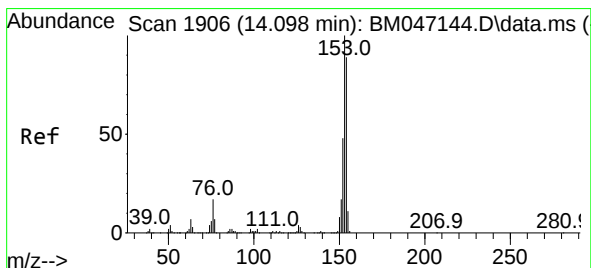
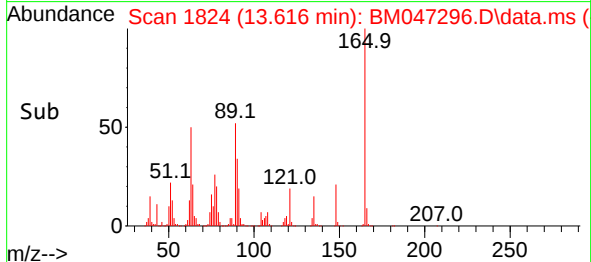
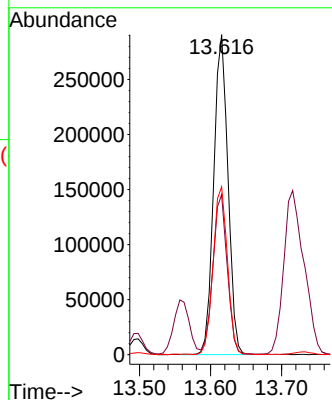
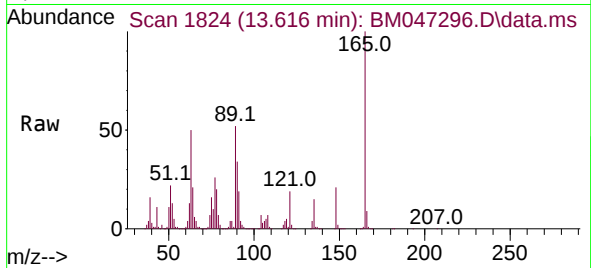




#51
2,6-Dinitrotoluene
Concen: 49.312 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

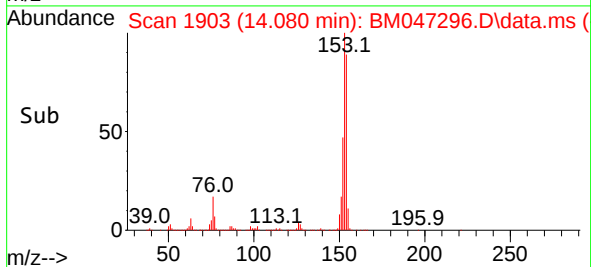
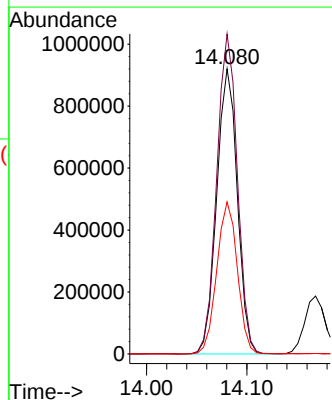
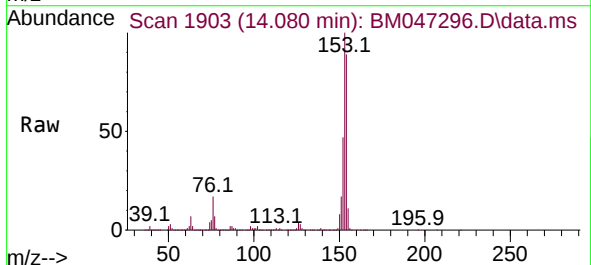
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

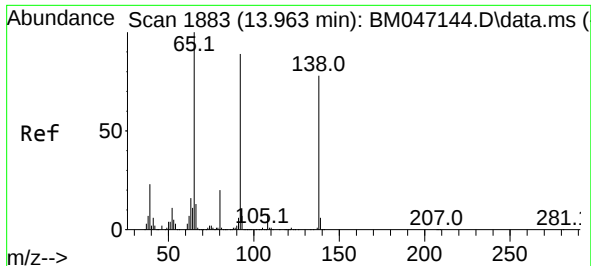
Tgt Ion:165 Resp: 403459
Ion Ratio Lower Upper
165 100
63 50.0 46.5 69.7
89 52.4 47.3 70.9



#52
Acenaphthene
Concen: 50.431 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:154 Resp: 1314920
Ion Ratio Lower Upper
154 100
153 112.3 90.3 135.5
152 53.3 42.9 64.3

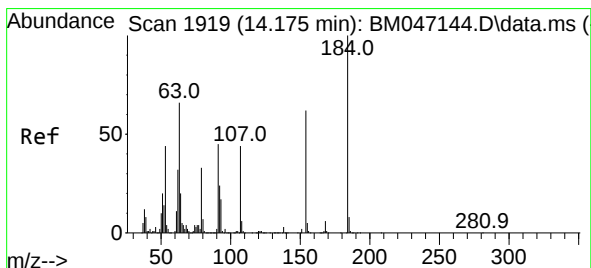
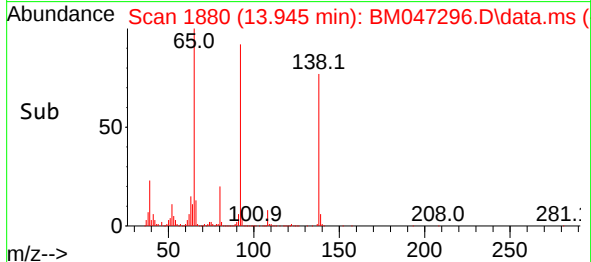
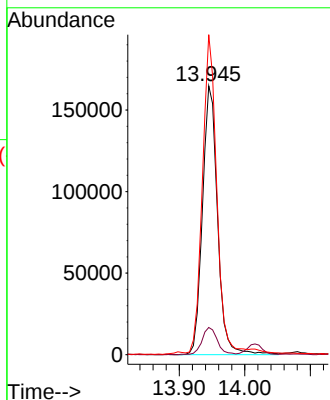
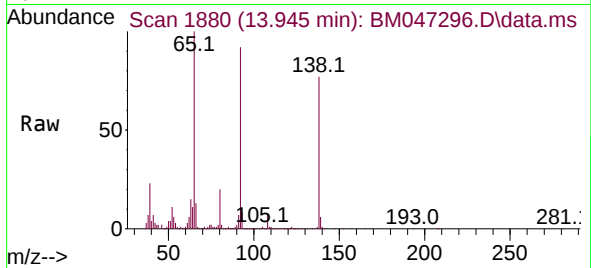




#53
3-Nitroaniline
Concen: 32.263 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

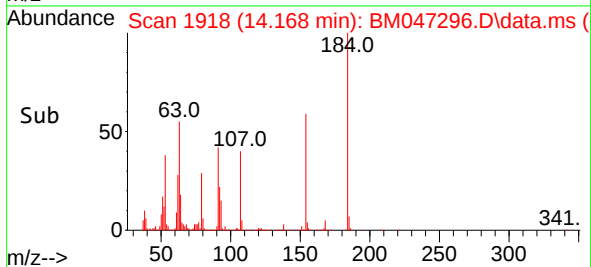
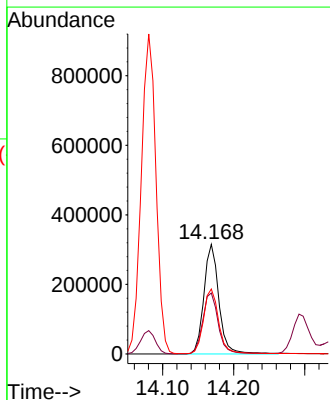
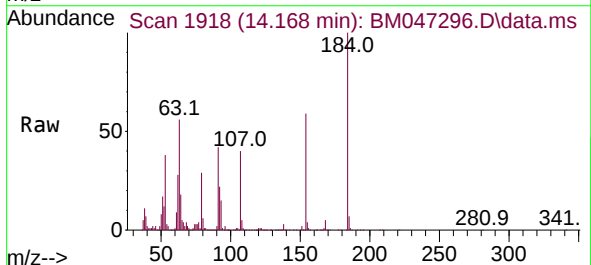
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

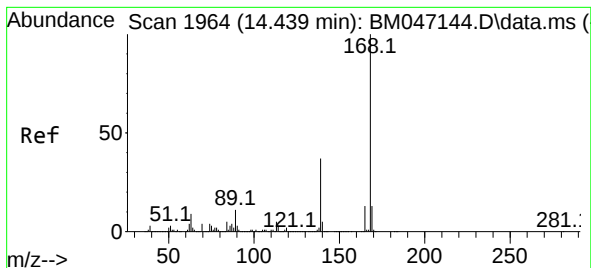
Tgt Ion:138 Resp: 264511
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 119.0 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 94.563 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:184 Resp: 463711
Ion Ratio Lower Upper
184 100
63 55.6 52.7 79.1
154 59.3 50.4 75.6





#55

Dibenzenofuran

Concen: 50.800 ng

RT: 14.421 min Scan# 1961

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

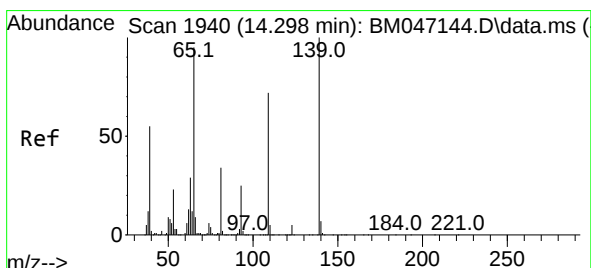
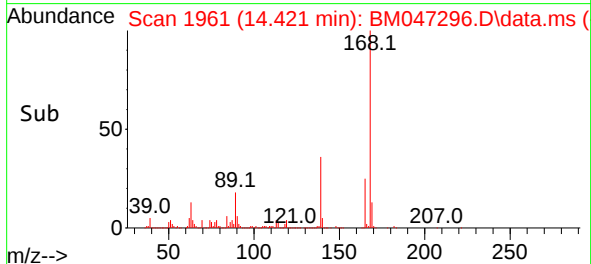
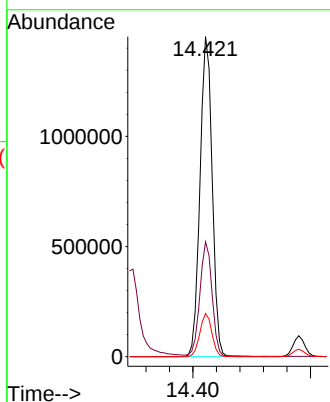
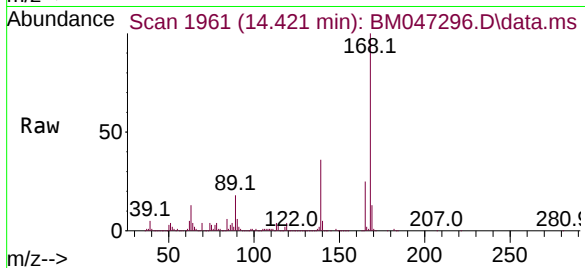
Tgt Ion:168 Resp: 2092161

Ion Ratio Lower Upper

168 100

139 35.9 29.6 44.4

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 103.906 ng

RT: 14.298 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

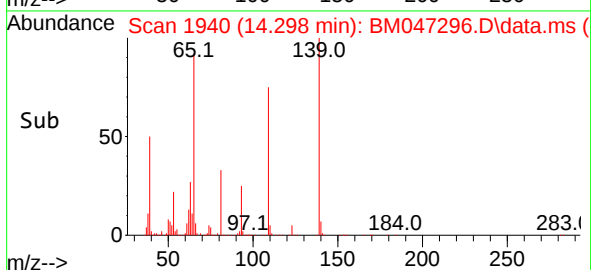
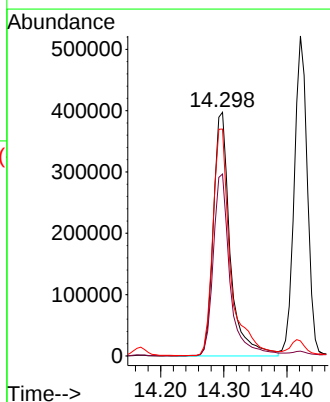
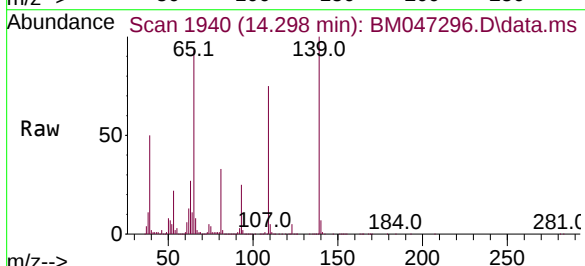
Tgt Ion:139 Resp: 734572

Ion Ratio Lower Upper

139 100

109 74.7 52.5 92.5

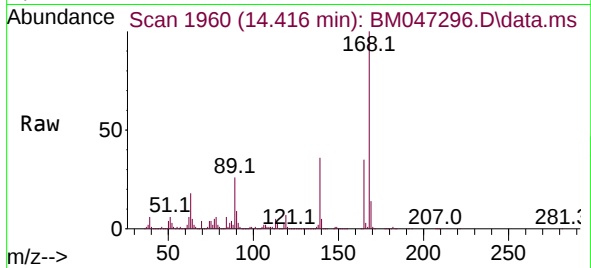
65 93.1 75.4 115.4



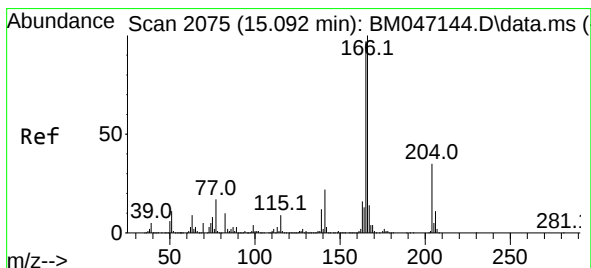
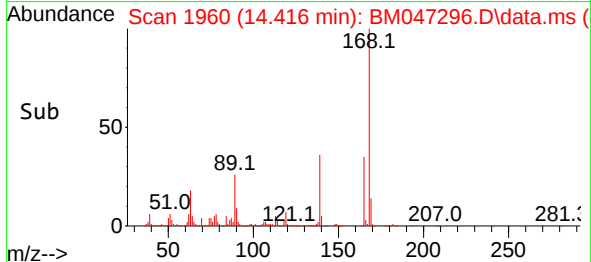
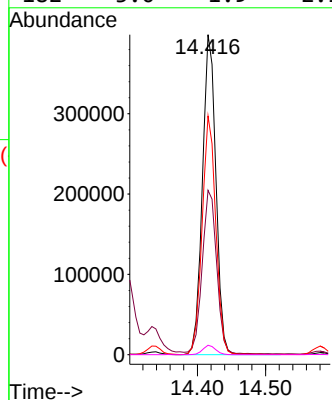


#57
2,4-Dinitrotoluene
Concen: 50.377 ng
RT: 14.416 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

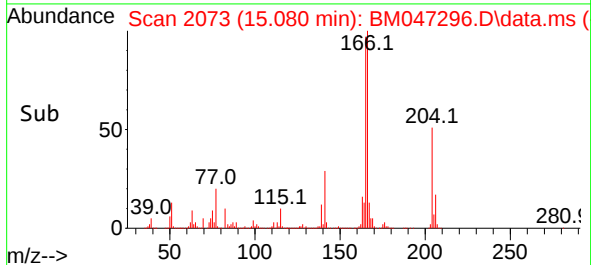
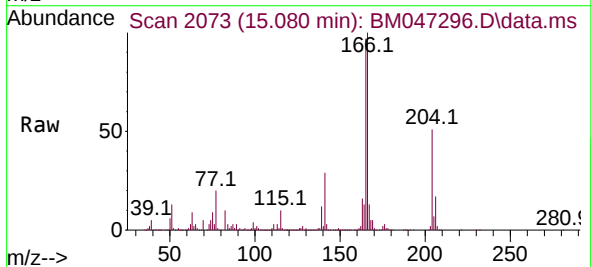
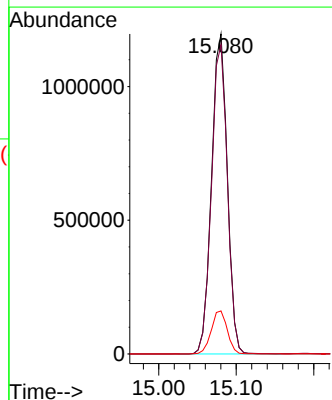


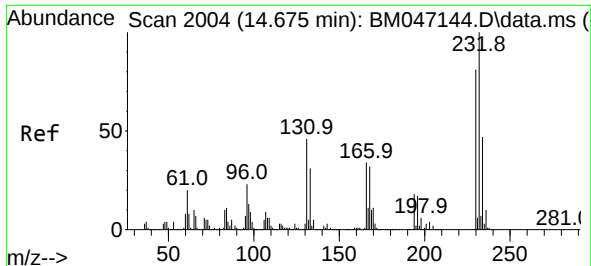
Tgt Ion:165 Resp: 550152
Ion Ratio Lower Upper
165 100
63 51.3 40.3 60.5
89 74.6 61.0 91.6
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 49.914 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:166 Resp: 1696142
Ion Ratio Lower Upper
166 100
165 96.7 77.4 116.0
167 13.4 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.092 ng

RT: 14.663 min Scan# 2004

Delta R.T. -0.012 min

Lab File: BM047296.D

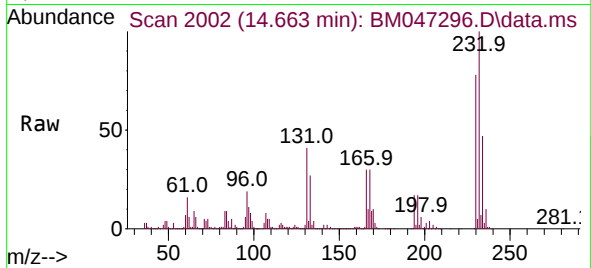
Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS



Tgt Ion:232 Resp: 523877

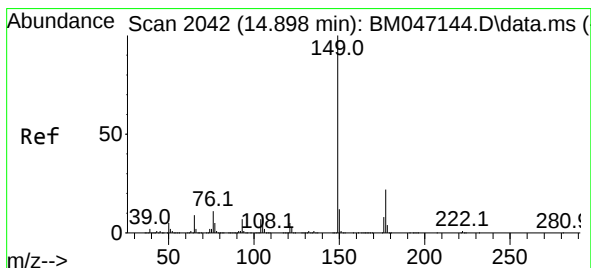
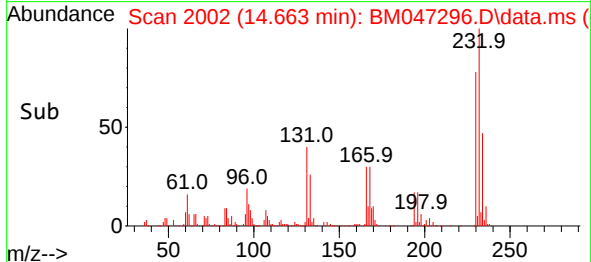
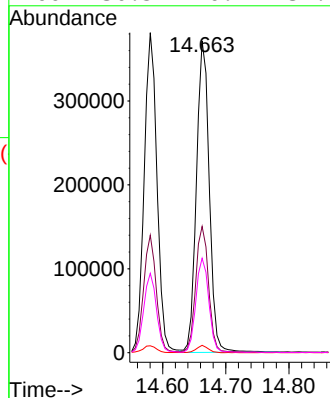
Ion Ratio Lower Upper

232 100

131 40.8 36.9 55.3

130 2.1 2.0 3.0

166 30.5 26.4 39.6



#60

Diethylphthalate

Concen: 49.886 ng

RT: 14.880 min Scan# 2039

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

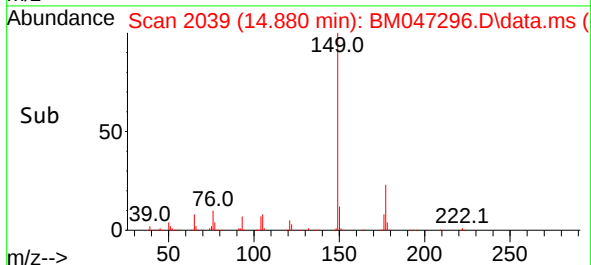
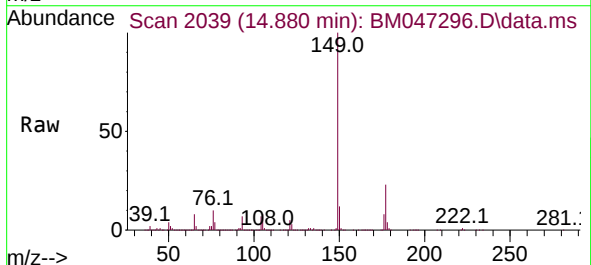
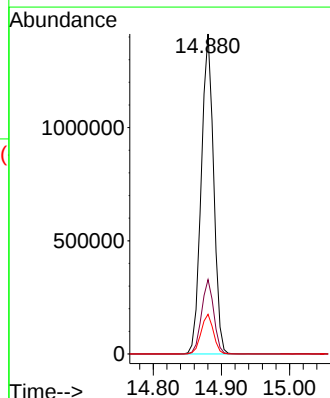
Tgt Ion:149 Resp: 1783011

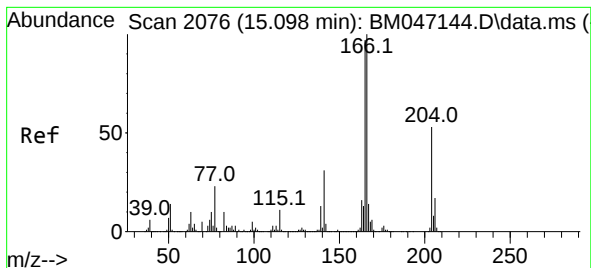
Ion Ratio Lower Upper

149 100

177 23.2 17.6 26.4

150 12.4 9.8 14.6

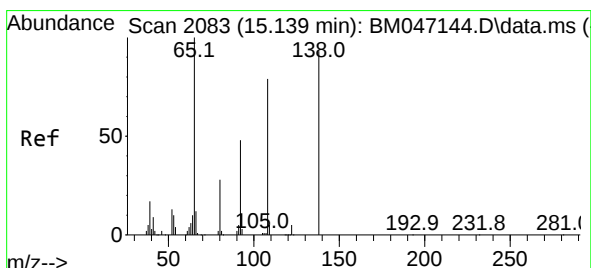
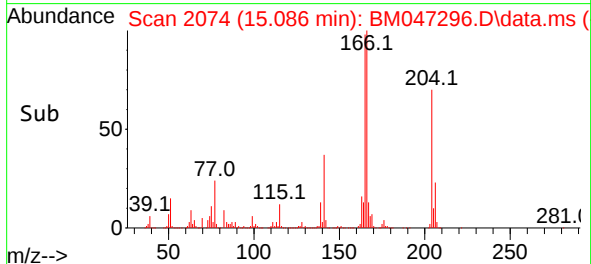
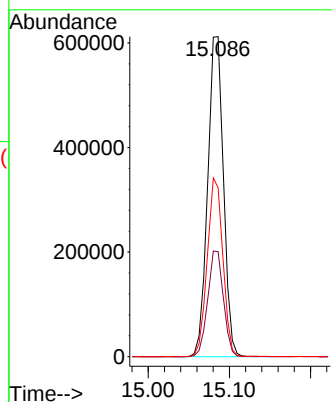
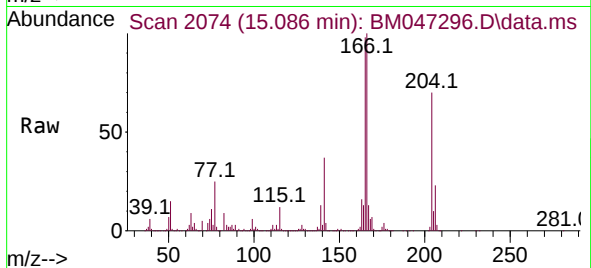




#61
4-Chlorophenyl-phenylether
Concen: 51.011 ng
RT: 15.086 min Scan# 2076
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

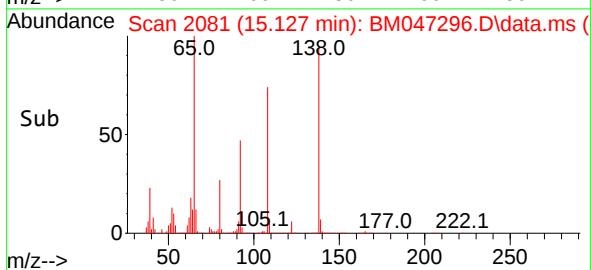
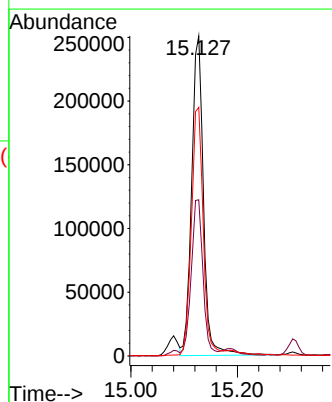
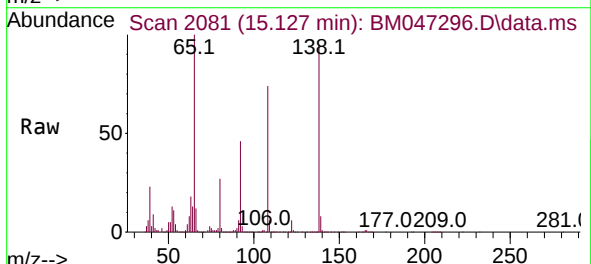
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

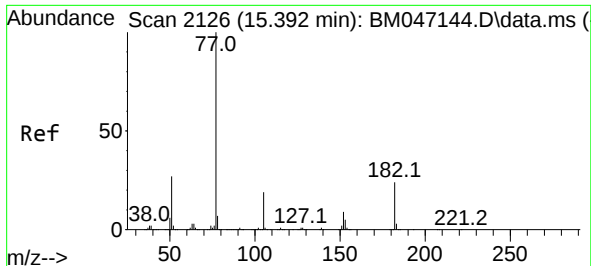
Tgt Ion:204 Resp: 825253
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 52.8 47.2 70.8



#62
4-Nitroaniline
Concen: 47.795 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:138 Resp: 386035
Ion Ratio Lower Upper
138 100
92 48.8 31.9 71.9
108 77.7 63.8 103.8



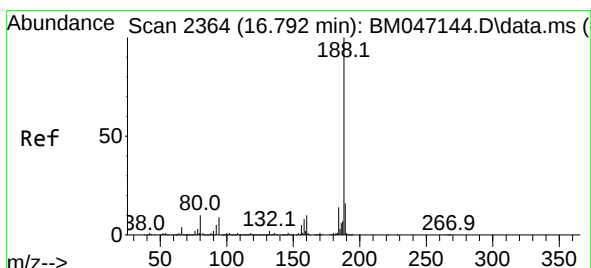
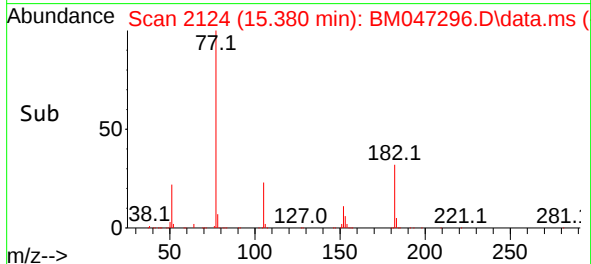
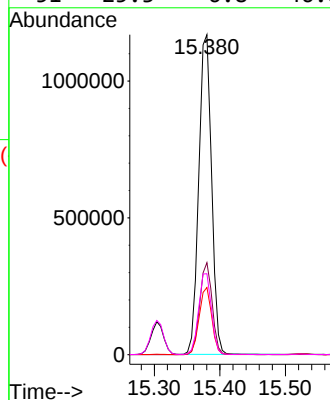
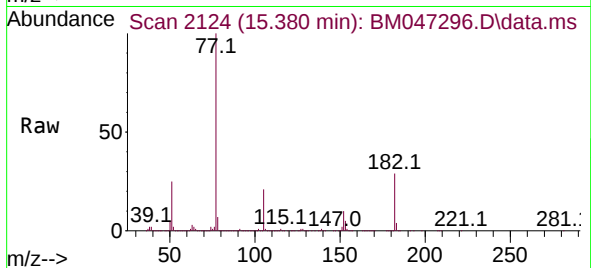


#63
Azobenzene
Concen: 46.915 ng
RT: 15.380 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

Tgt Ion: 77 Resp: 1589897

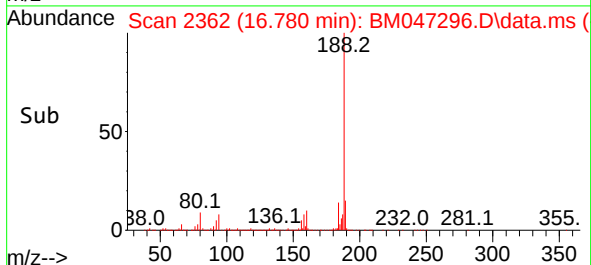
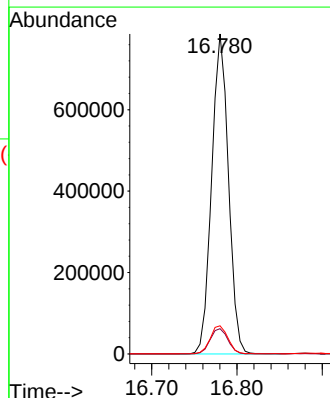
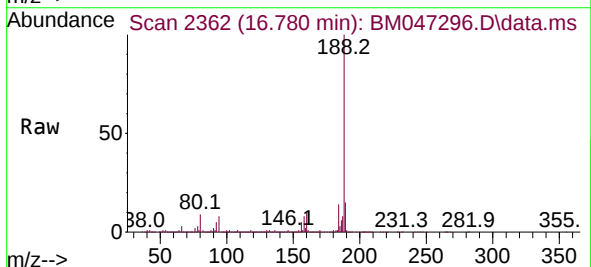
Ion	Ratio	Lower	Upper
77	100		
182	28.7	3.8	43.8
105	21.0	0.0	39.5
51	25.3	6.8	46.8

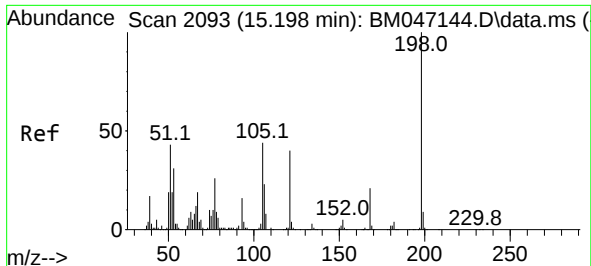


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion: 188 Resp: 1075625

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.8	8.0	12.0

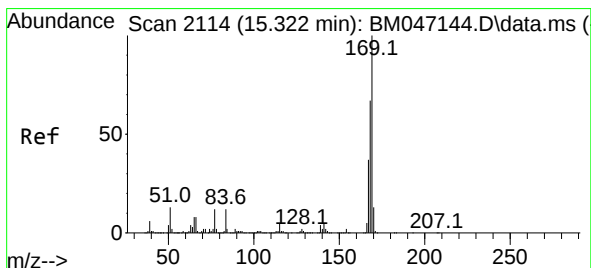
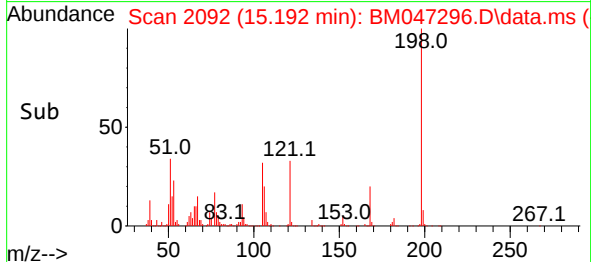
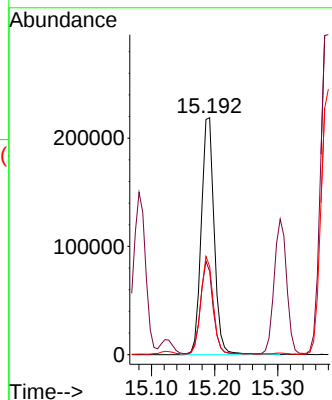
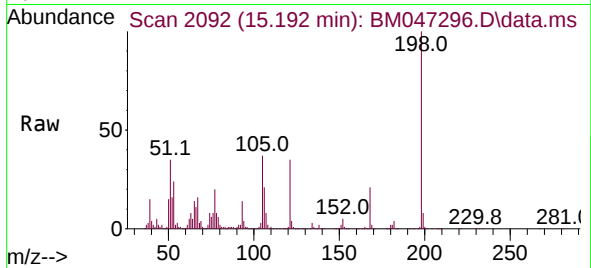




#65
4,6-Dinitro-2-methylphenol
Concen: 49.293 ng
RT: 15.192 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

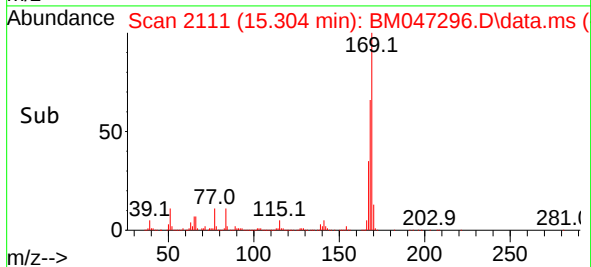
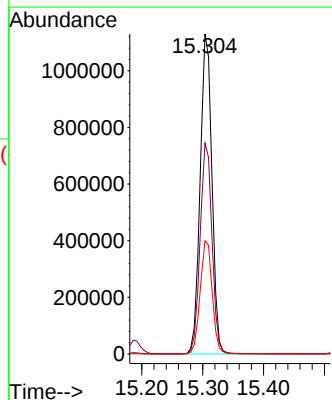
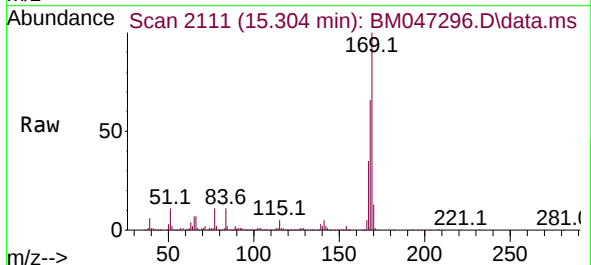
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

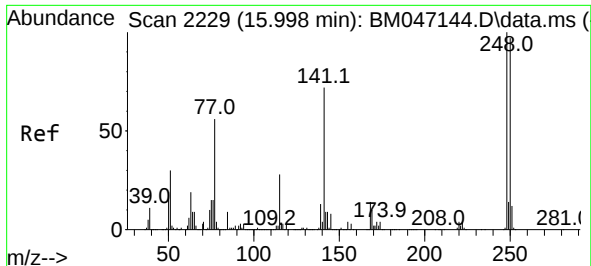
Tgt Ion:198 Resp: 310427
Ion Ratio Lower Upper
198 100
51 35.2 23.9 63.9
105 37.3 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 51.832 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:169 Resp: 1518528
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.8
167 35.4 29.3 43.9

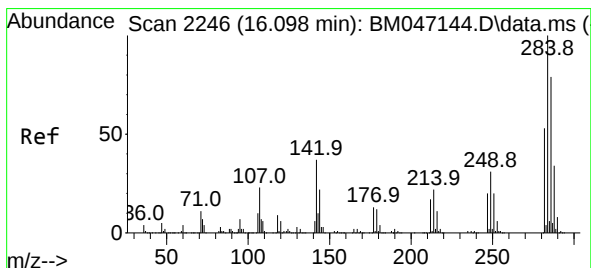
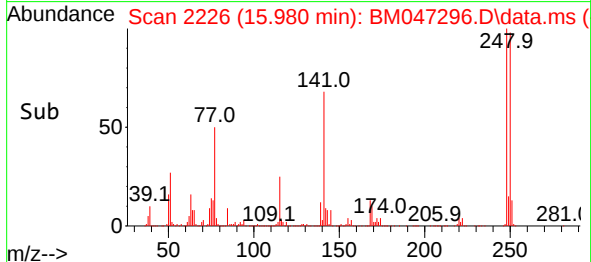
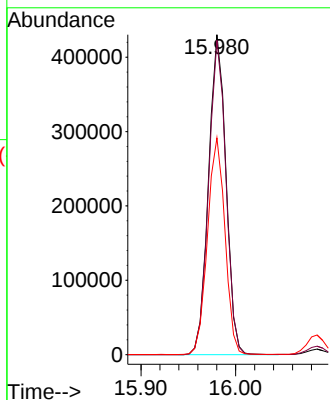
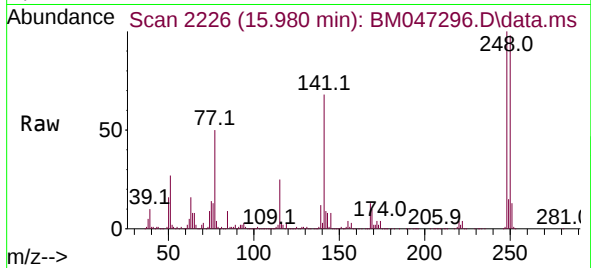




#67
4-Bromophenyl-phenylether
Concen: 53.001 ng
RT: 15.980 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

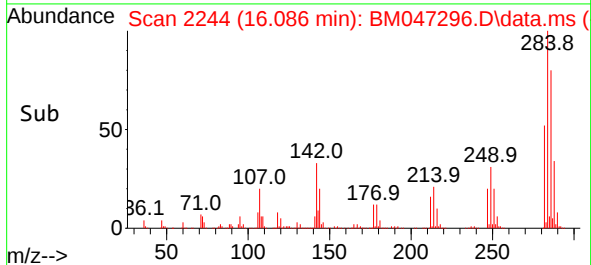
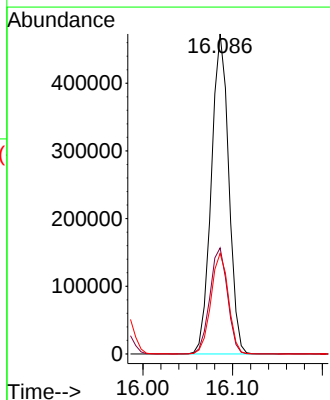
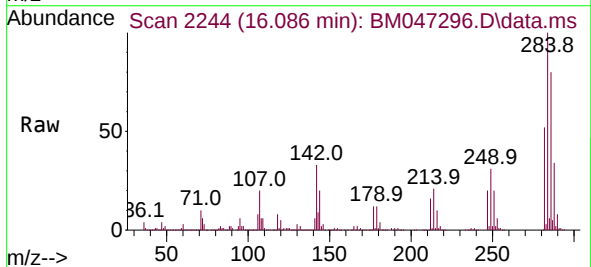
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

Tgt Ion:248 Resp: 549354
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.8
141 67.7 57.7 86.5



#68
Hexachlorobenzene
Concen: 51.367 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:284 Resp: 637642
Ion Ratio Lower Upper
284 100
142 33.1 29.4 44.0
249 31.5 25.1 37.7





#69

Atrazine

Concen: 67.520 ng

RT: 16.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

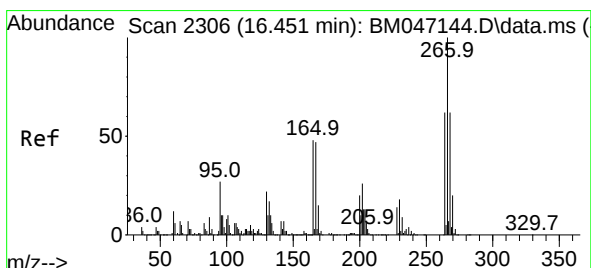
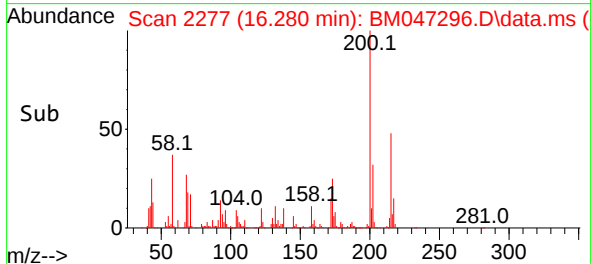
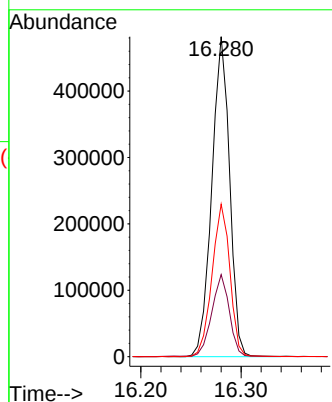
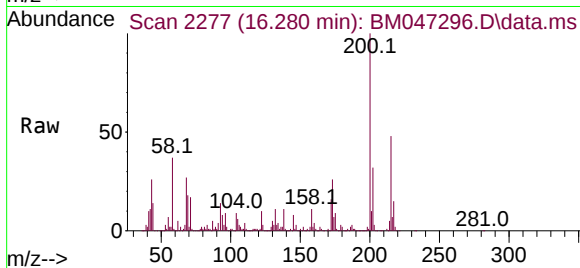
Tgt Ion:200 Resp: 595260

Ion Ratio Lower Upper

200 100

173 25.6 6.1 46.1

215 47.7 26.8 66.8



#70

Pentachlorophenol

Concen: 105.165 ng

RT: 16.445 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

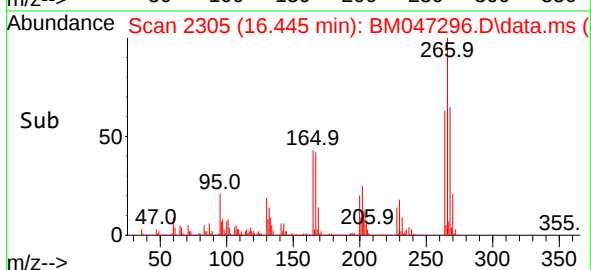
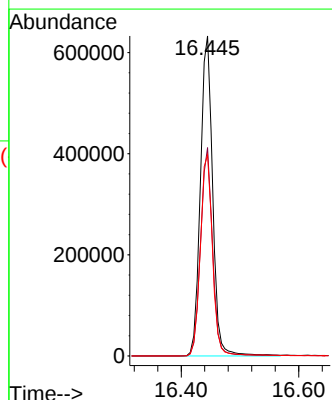
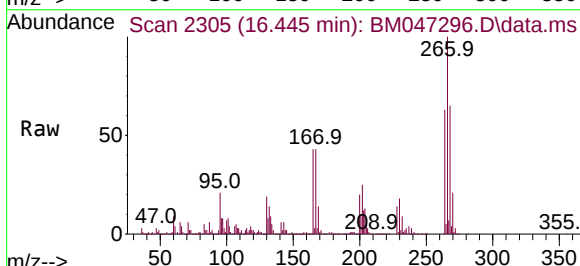
Tgt Ion:266 Resp: 915112

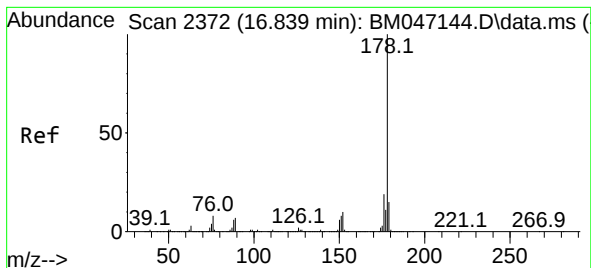
Ion Ratio Lower Upper

266 100

268 65.1 49.8 74.6

264 62.9 49.6 74.4





#71

Phenanthrene

Concen: 51.583 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

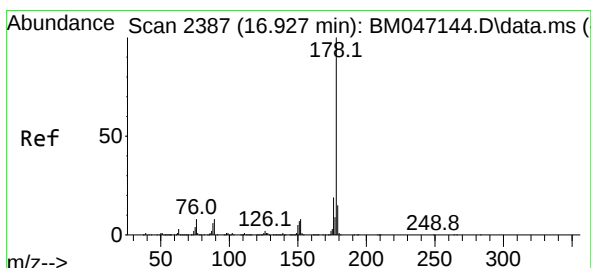
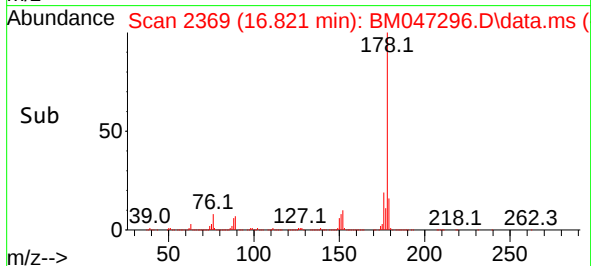
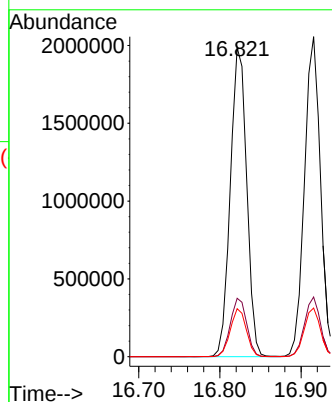
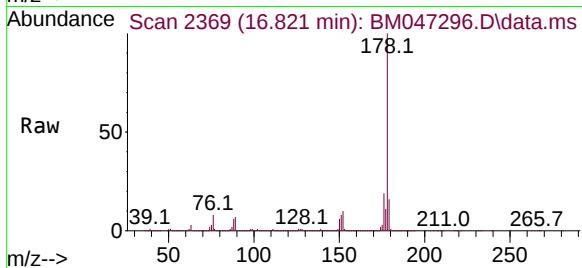
Tgt Ion:178 Resp: 2784517

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 53.843 ng

RT: 16.915 min Scan# 2385

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

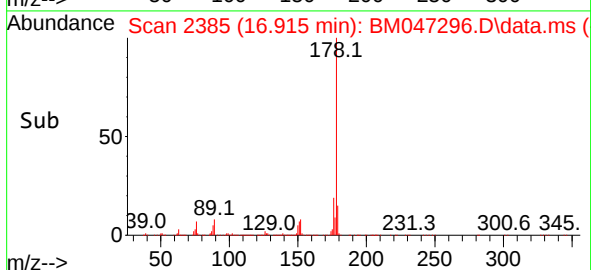
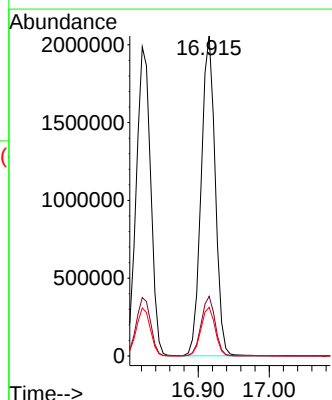
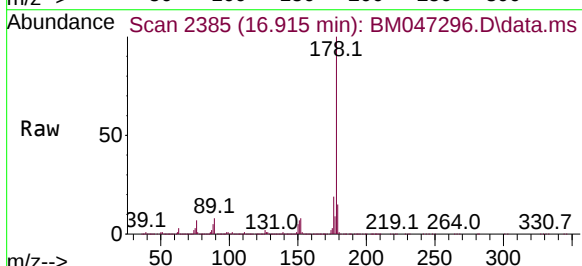
Tgt Ion:178 Resp: 2828080

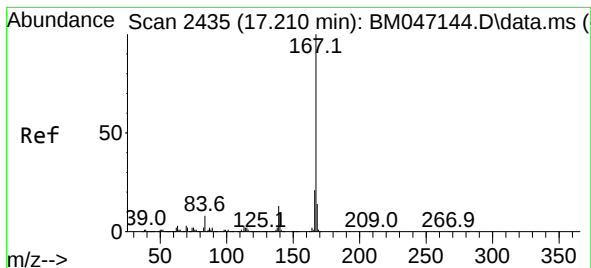
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.2 12.4 18.6





#73

Carbazole

Concen: 50.552 ng

RT: 17.198 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

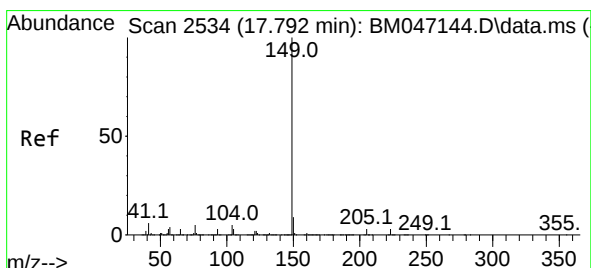
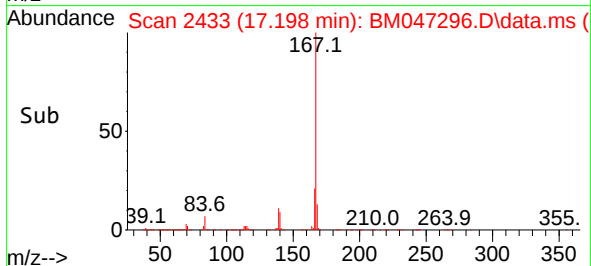
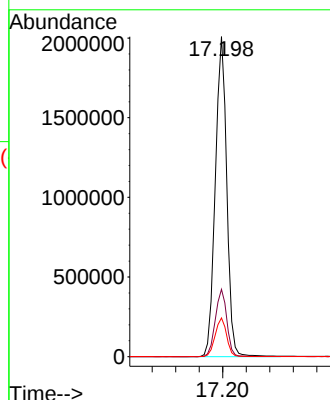
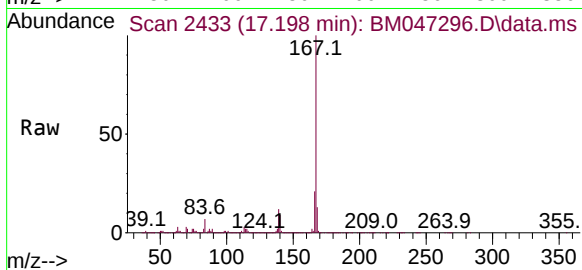
Tgt Ion:167 Resp: 2711061

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 12.1 10.0 15.0



#74

Di-n-butylphthalate

Concen: 50.617 ng

RT: 17.780 min Scan# 2532

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

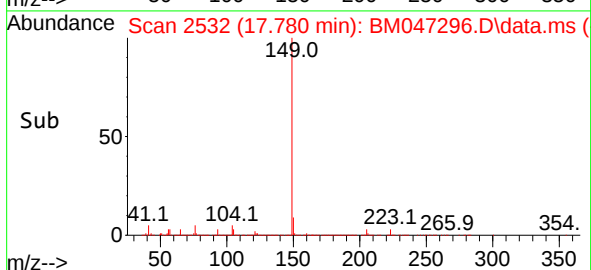
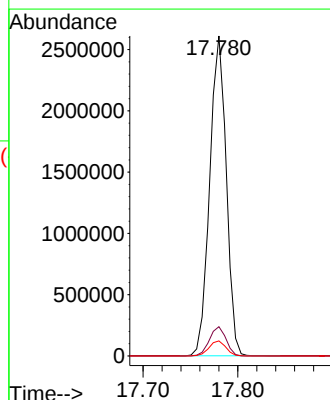
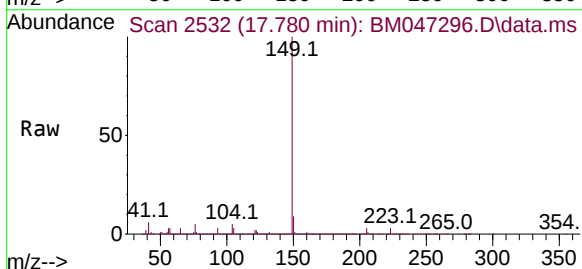
Tgt Ion:149 Resp: 3158593

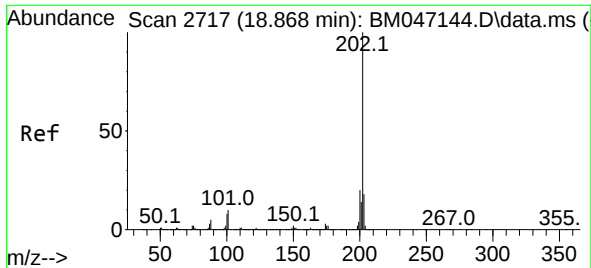
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.7 4.1 6.1

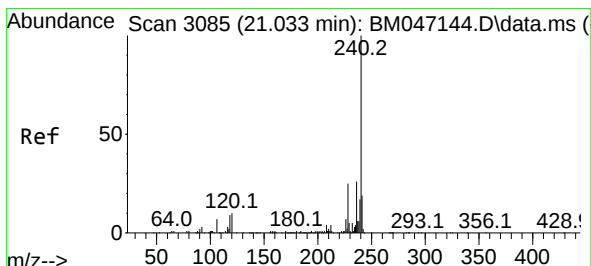
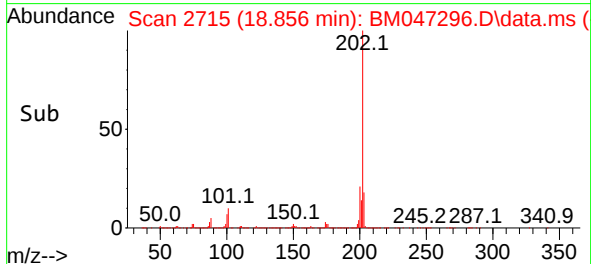
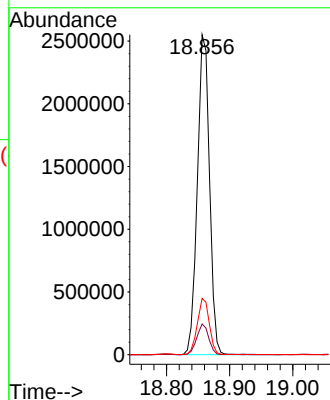
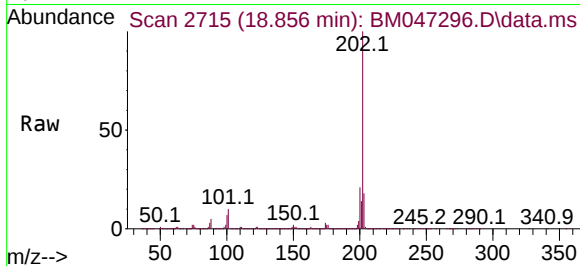




#75
Fluoranthene
Concen: 51.710 ng
RT: 18.856 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

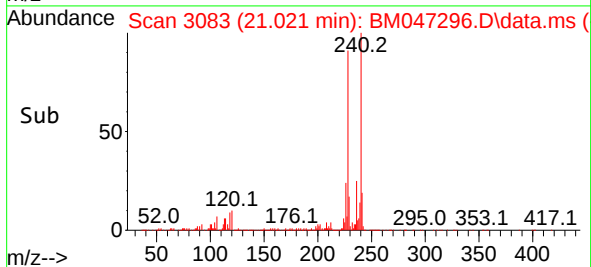
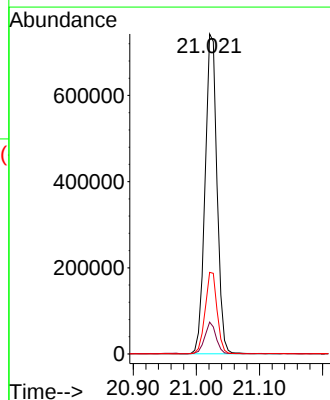
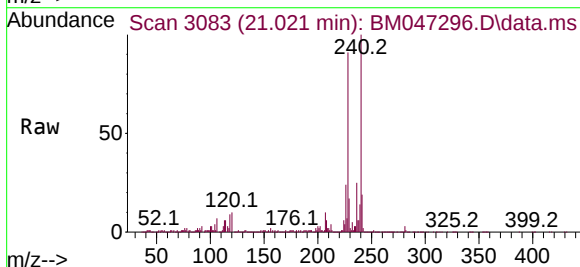
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

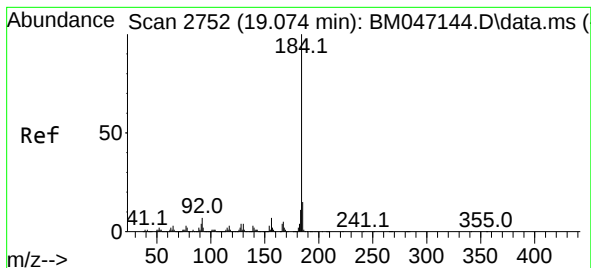
Tgt Ion:202 Resp: 3395202
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:240 Resp: 973534
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 25.5 20.6 30.8





#77

Benzidine

Concen: 92.211 ng

RT: 19.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

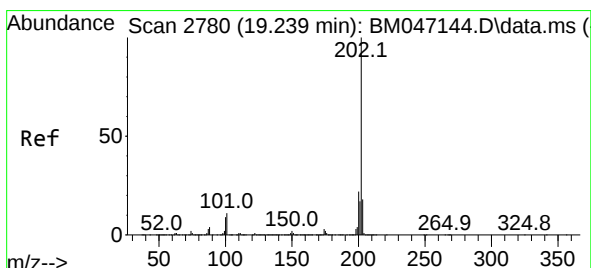
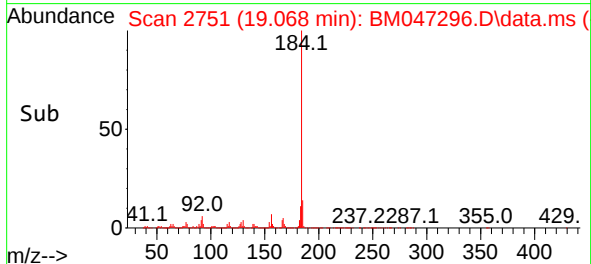
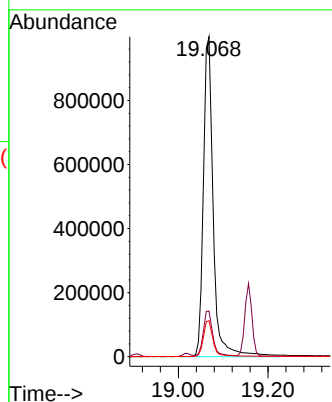
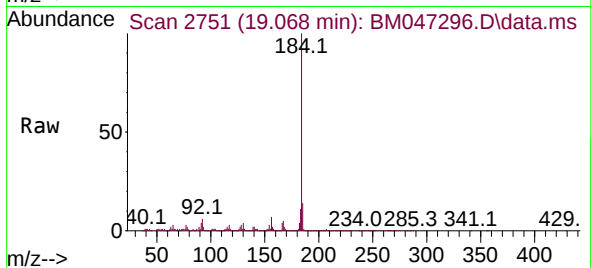
Tgt Ion:184 Resp: 1522367

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

183 11.3 9.0 13.6



#78

Pyrene

Concen: 51.132 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

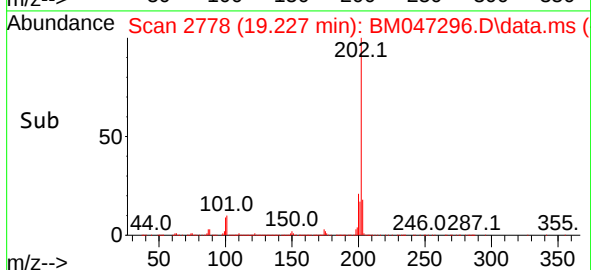
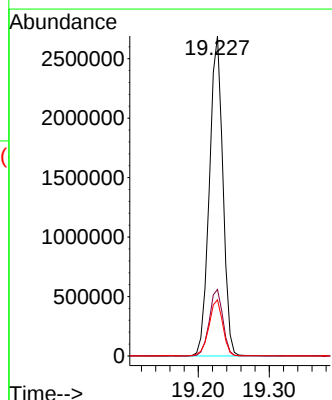
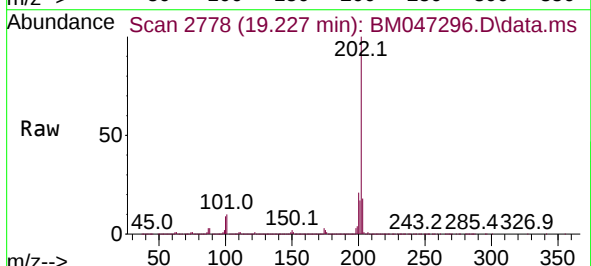
Tgt Ion:202 Resp: 3554312

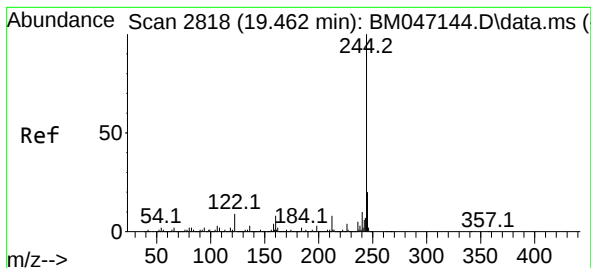
Ion Ratio Lower Upper

202 100

200 20.8 17.2 25.8

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 70.234 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047296.D

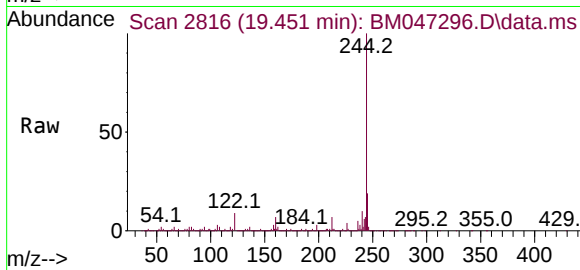
Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS



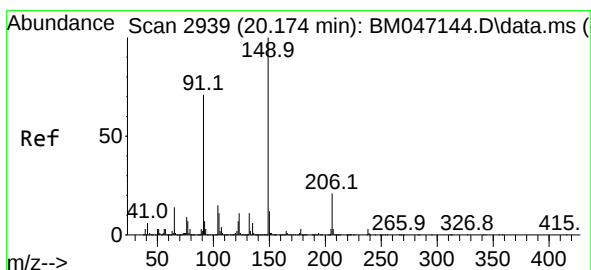
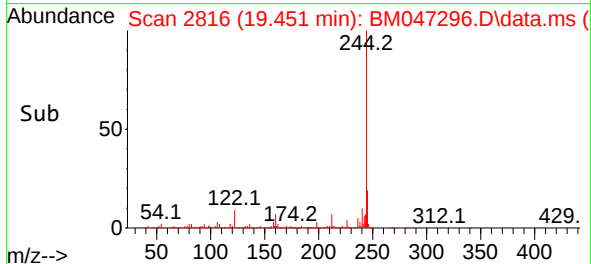
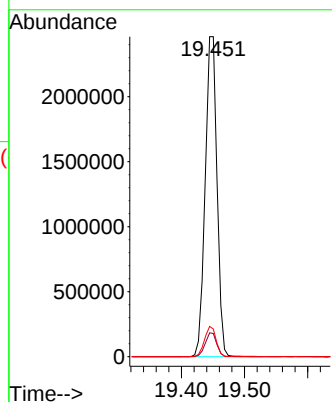
Tgt Ion:244 Resp: 3190990

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 8.6 7.1 10.7



#80

Butylbenzylphthalate

Concen: 54.090 ng

RT: 20.162 min Scan# 2937

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

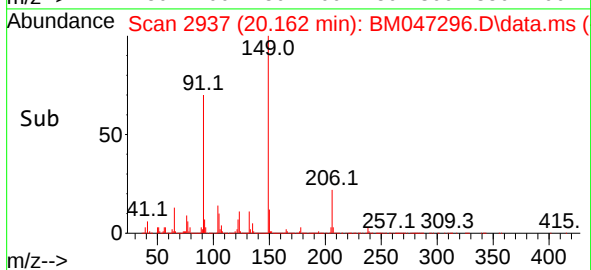
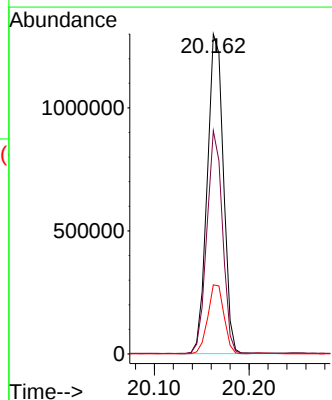
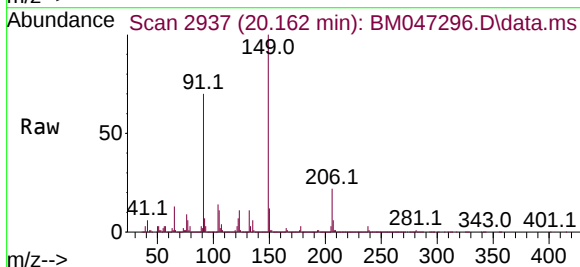
Tgt Ion:149 Resp: 1534434

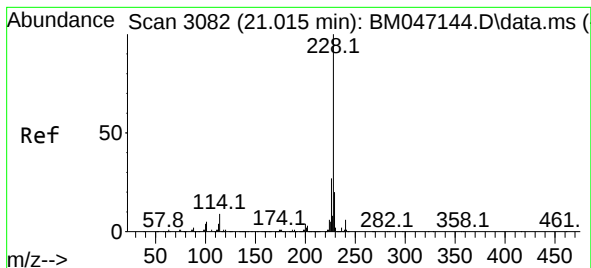
Ion Ratio Lower Upper

149 100

91 69.7 57.0 85.4

206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.199 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

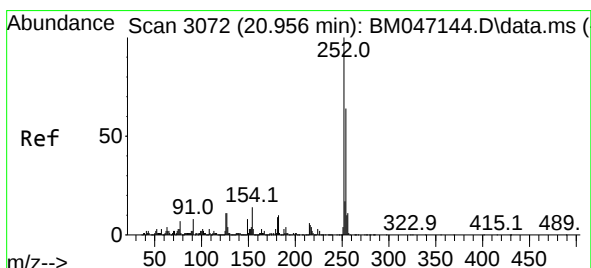
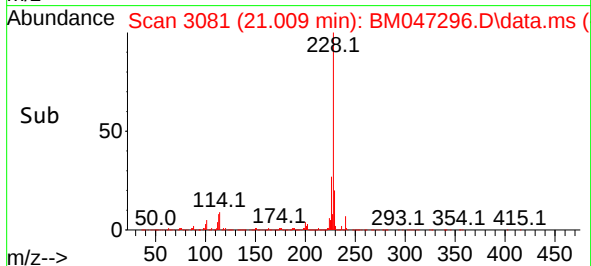
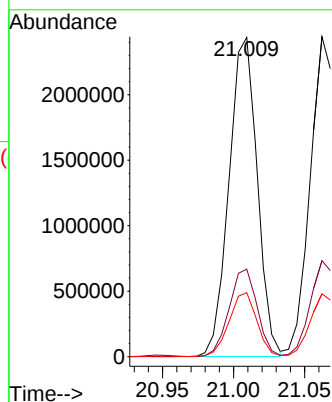
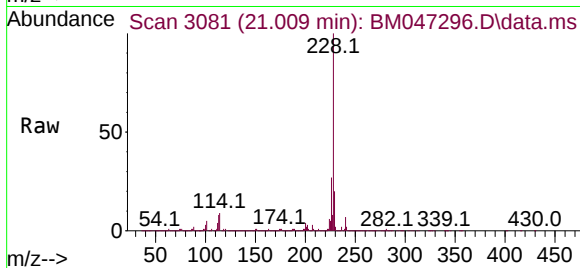
Tgt Ion:228 Resp: 3373570

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.870 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

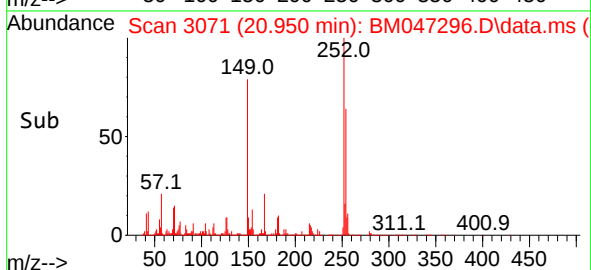
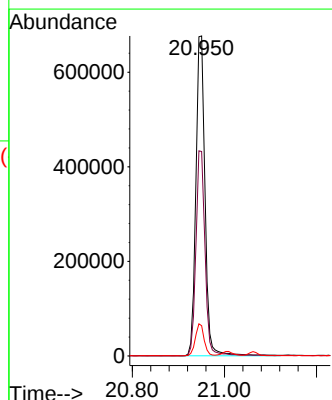
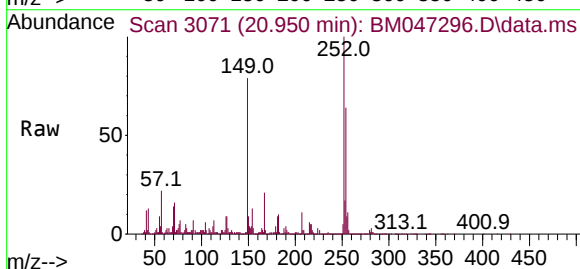
Tgt Ion:252 Resp: 927539

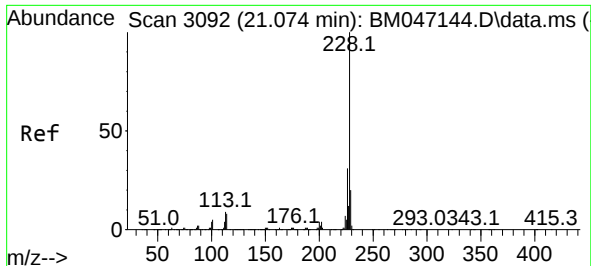
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.6

126 9.5 8.5 12.7

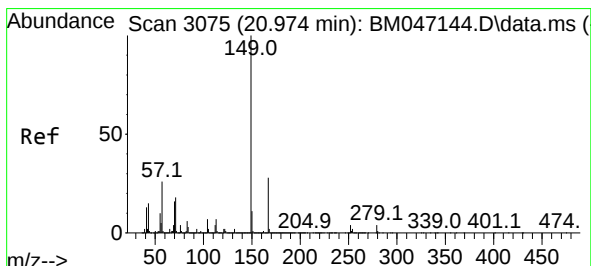
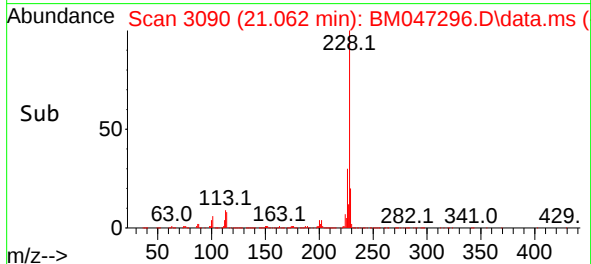
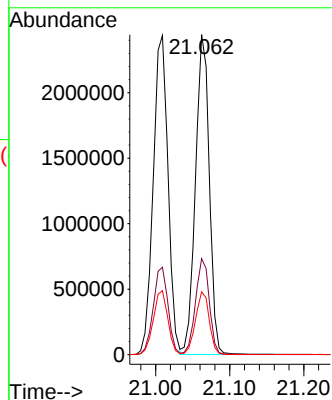
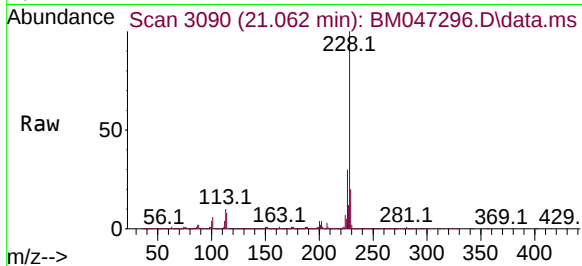




#83
Chrysene
Concen: 51.566 ng
RT: 21.062 min Scan# 3092
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

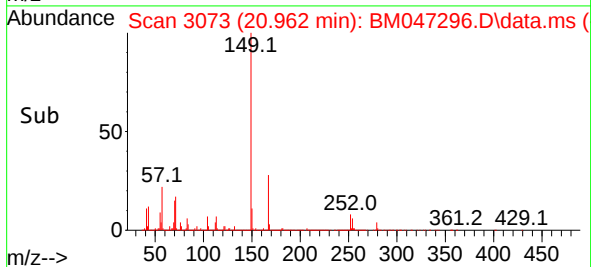
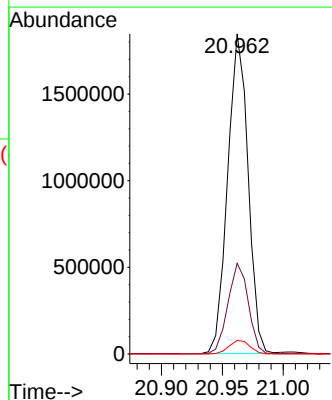
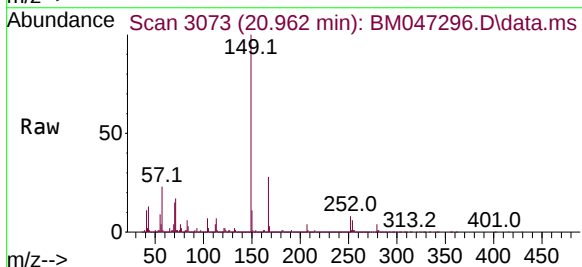
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

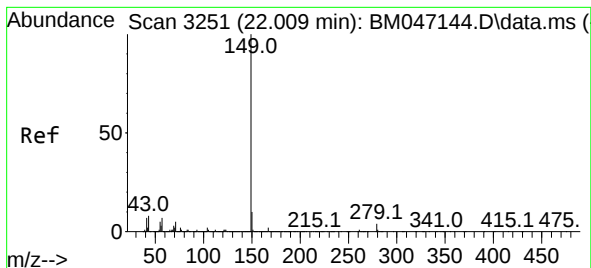
Tgt Ion:228 Resp: 3161914
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.7 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.471 ng
RT: 20.962 min Scan# 3073
Delta R.T. -0.012 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:149 Resp: 2151183
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.2
279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 56.835 ng

RT: 21.992 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

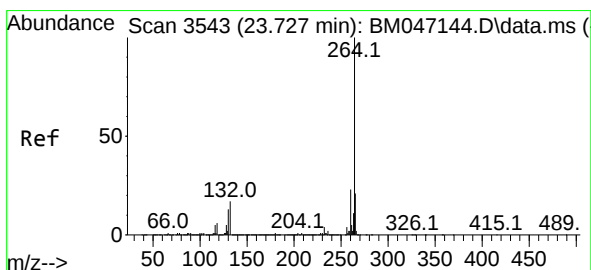
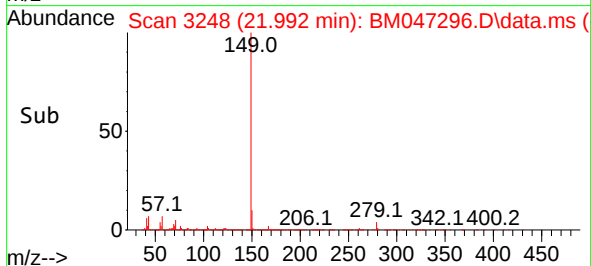
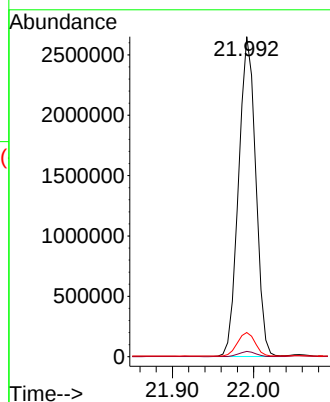
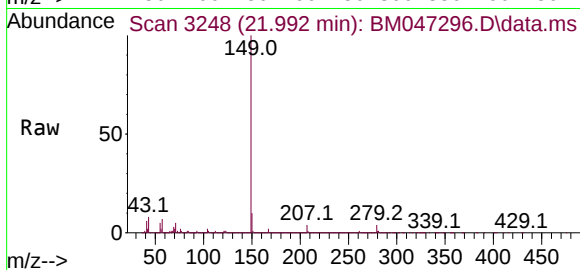
Tgt Ion:149 Resp: 3886450

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

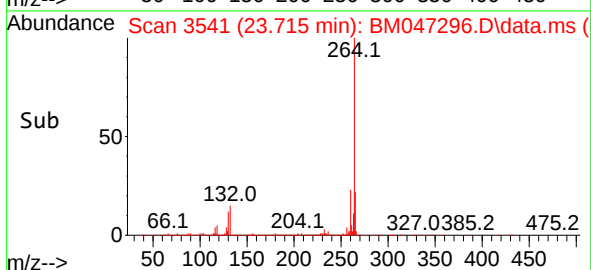
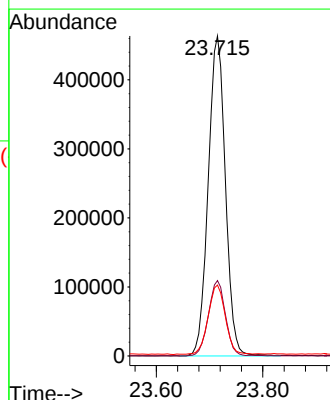
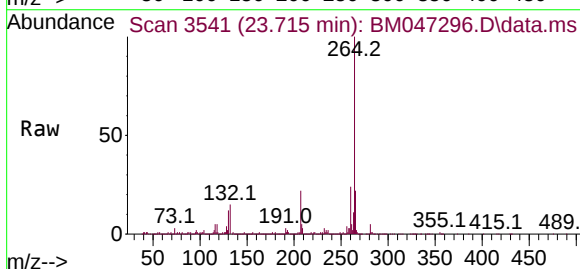
Tgt Ion:264 Resp: 1036786

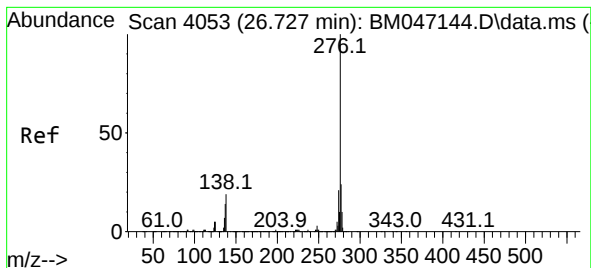
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.776 ng

RT: 26.715 min Scan# 4051

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

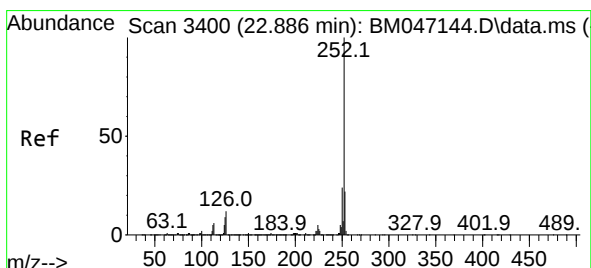
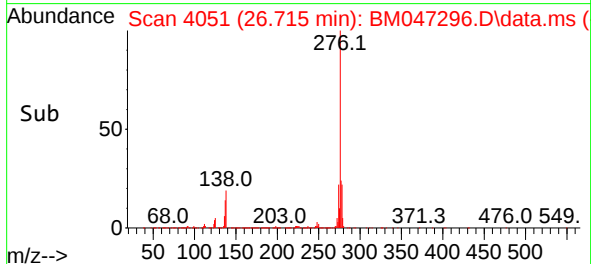
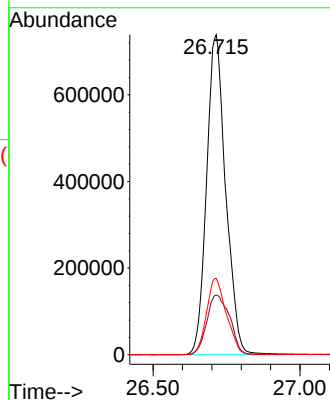
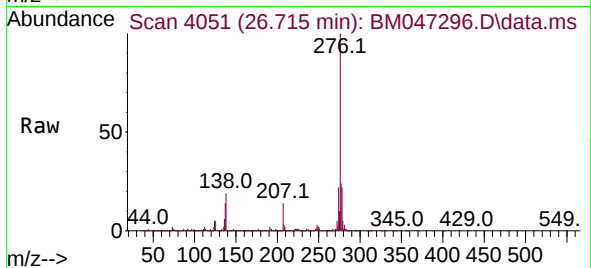
Tgt Ion:276 Resp: 3335783

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: 52.476 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

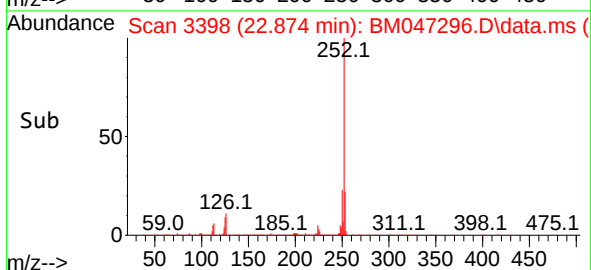
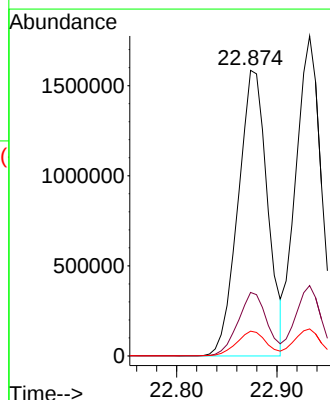
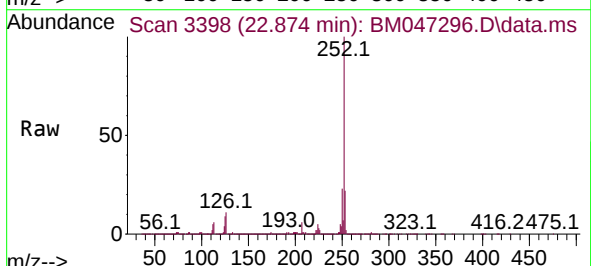
Tgt Ion:252 Resp: 3230984

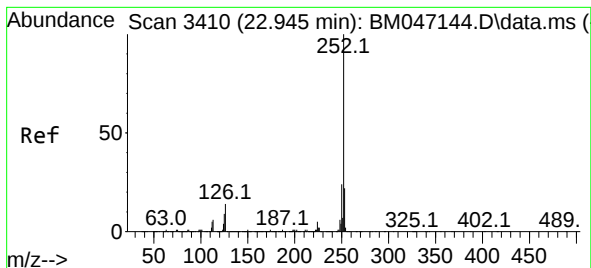
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.972 ng

RT: 22.933 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MS

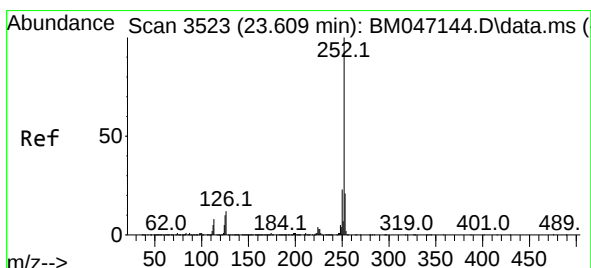
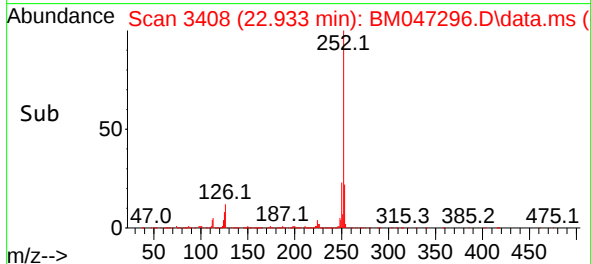
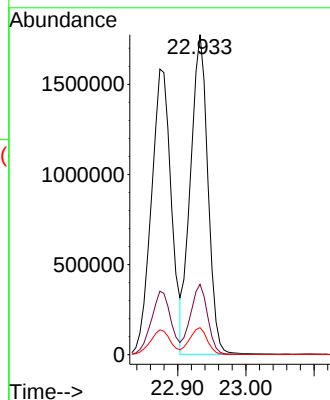
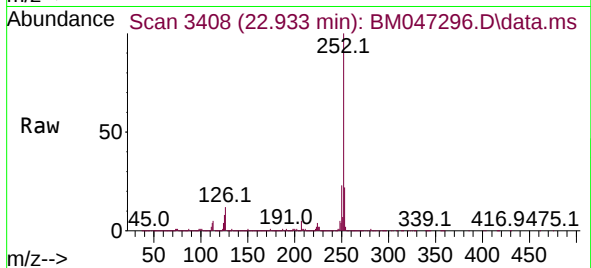
Tgt Ion:252 Resp: 3138789

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 55.655 ng

RT: 23.591 min Scan# 3520

Delta R.T. -0.018 min

Lab File: BM047296.D

Acq: 21 Aug 2024 13:47

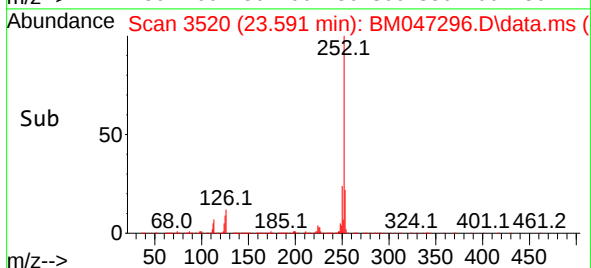
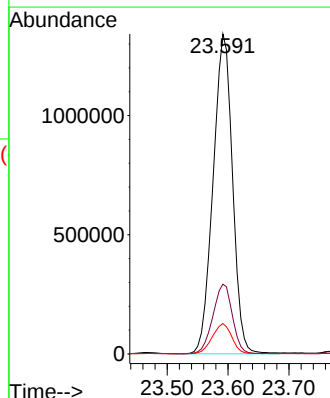
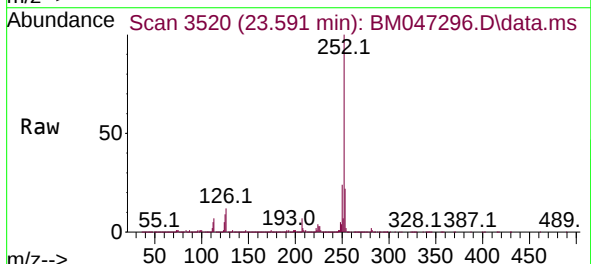
Tgt Ion:252 Resp: 2968433

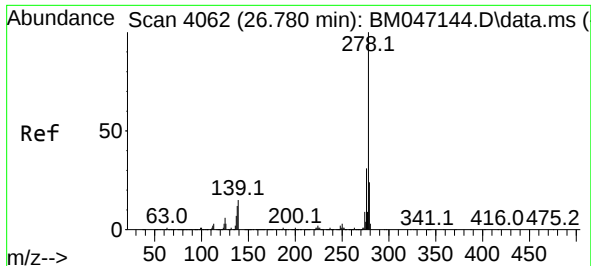
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 9.5 8.2 12.2

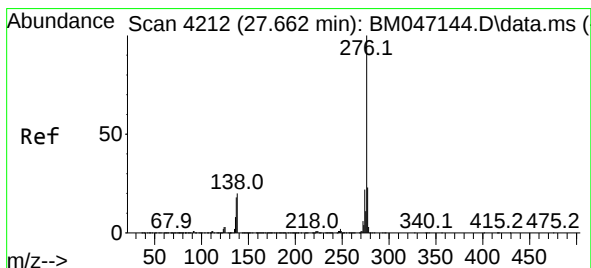
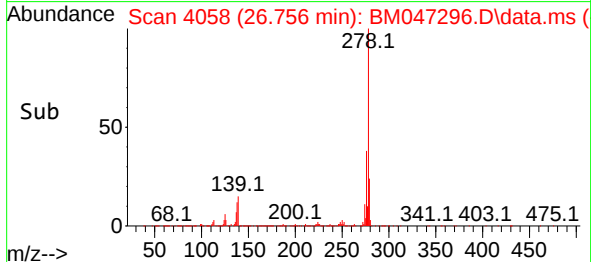
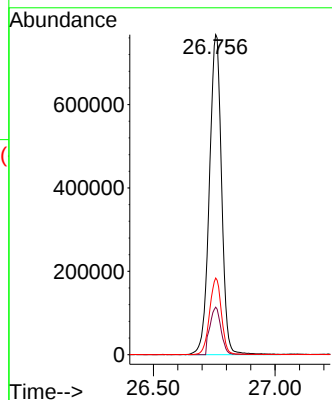
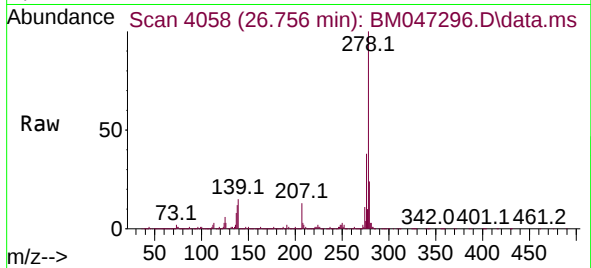




#91
Dibenzo(a,h)anthracene
Concen: 48.832 ng
RT: 26.756 min Scan# 4062
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MS

Tgt Ion:278 Resp: 2648373
Ion Ratio Lower Upper
278 100
139 14.9 12.0 18.0
279 23.9 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 45.031 ng
RT: 27.638 min Scan# 4208
Delta R.T. -0.024 min
Lab File: BM047296.D
Acq: 21 Aug 2024 13:47

Tgt Ion:276 Resp: 2535651
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 19.2 16.2 24.4

