

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035333.D
 Acq On : 31 May 2022 19:46
 Operator : CG/JU
 Sample : N2952-11MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P037-SS001-1218-01MSD

Quant Time: Jun 01 03:49:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	118427	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	424173	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	247182	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	531683	20.000	ng	0.00
76) Chrysene-d12	21.433	240	654157	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	703757	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	685238	106.834	ng	0.00
7) Phenol-d6	7.051	99	849723	102.311	ng	0.00
23) Nitrobenzene-d5	9.028	82	524131	68.020	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	376366	117.370	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1307069	73.330	ng	0.00
79) Terphenyl-d14	19.874	244	2321270	62.879	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.351	88	106145	42.256	ng	92
3) Pyridine	3.751	79	261879	40.071	ng	91
4) n-Nitrosodimethylamine	3.657	42	139570	43.849	ng	# 79
6) Aniline	7.192	93	339171	38.437	ng	98
8) 2-Chlorophenol	7.434	128	351034	48.635	ng	93
9) Benzaldehyde	7.004	77	190767	44.302	ng	92
10) Phenol	7.075	94	389879	48.169	ng	96
11) bis(2-Chloroethyl)ether	7.292	93	297195	46.974	ng	93
12) 1,3-Dichlorobenzene	7.757	146	409413	49.077	ng	95
13) 1,4-Dichlorobenzene	7.904	146	416793	48.918	ng	98
14) 1,2-Dichlorobenzene	8.222	146	395631	47.844	ng	98
15) Benzyl Alcohol	8.116	79	280873	47.547	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.404	45	357228	42.011	ng	94
17) 2-Methylphenol	8.322	107	266627	46.981	ng	97
18) Hexachloroethane	8.945	117	136368	46.724	ng	# 88
19) n-Nitroso-di-n-propyla...	8.681	70	220979	43.141	ng	89
20) 3+4-Methylphenols	8.651	107	357101	45.969	ng	95
22) Acetophenone	8.692	105	482574	47.807	ng	# 93
24) Nitrobenzene	9.069	77	338137	47.578	ng	96
25) Isophorone	9.604	82	590783	50.657	ng	96
26) 2-Nitrophenol	9.780	139	188793	51.483	ng	91
27) 2,4-Dimethylphenol	9.857	122	295061	57.447	ng	98
28) bis(2-Chloroethoxy)met...	10.080	93	369020	46.790	ng	99
29) 2,4-Dichlorophenol	10.327	162	324438	50.156	ng	97
30) 1,2,4-Trichlorobenzene	10.533	180	382227	49.496	ng	99
31) Naphthalene	10.716	128	994048	48.094	ng	99
32) Benzoic acid	10.016	122	214792	46.471	ng	95
33) 4-Chloroaniline	10.833	127	191480	23.389	ng	96
34) Hexachlorobutadiene	11.010	225	249218	49.321	ng	99
35) Caprolactam	11.633	113	87086	49.063	ng	# 78
36) 4-Chloro-3-methylphenol	11.974	107	298514	46.450	ng	97
37) 2-Methylnaphthalene	12.333	142	688092	47.214	ng	98
38) 1-Methylnaphthalene	12.551	142	656564	46.086	ng	100
40) 1,2,4,5-Tetrachloroben...	12.704	216	426268	53.851	ng	# 96
41) Hexachlorocyclopentadiene	12.680	237	258480	55.617	ng	98
43) 2,4,6-Trichlorophenol	12.951	196	268726	52.095	ng	98

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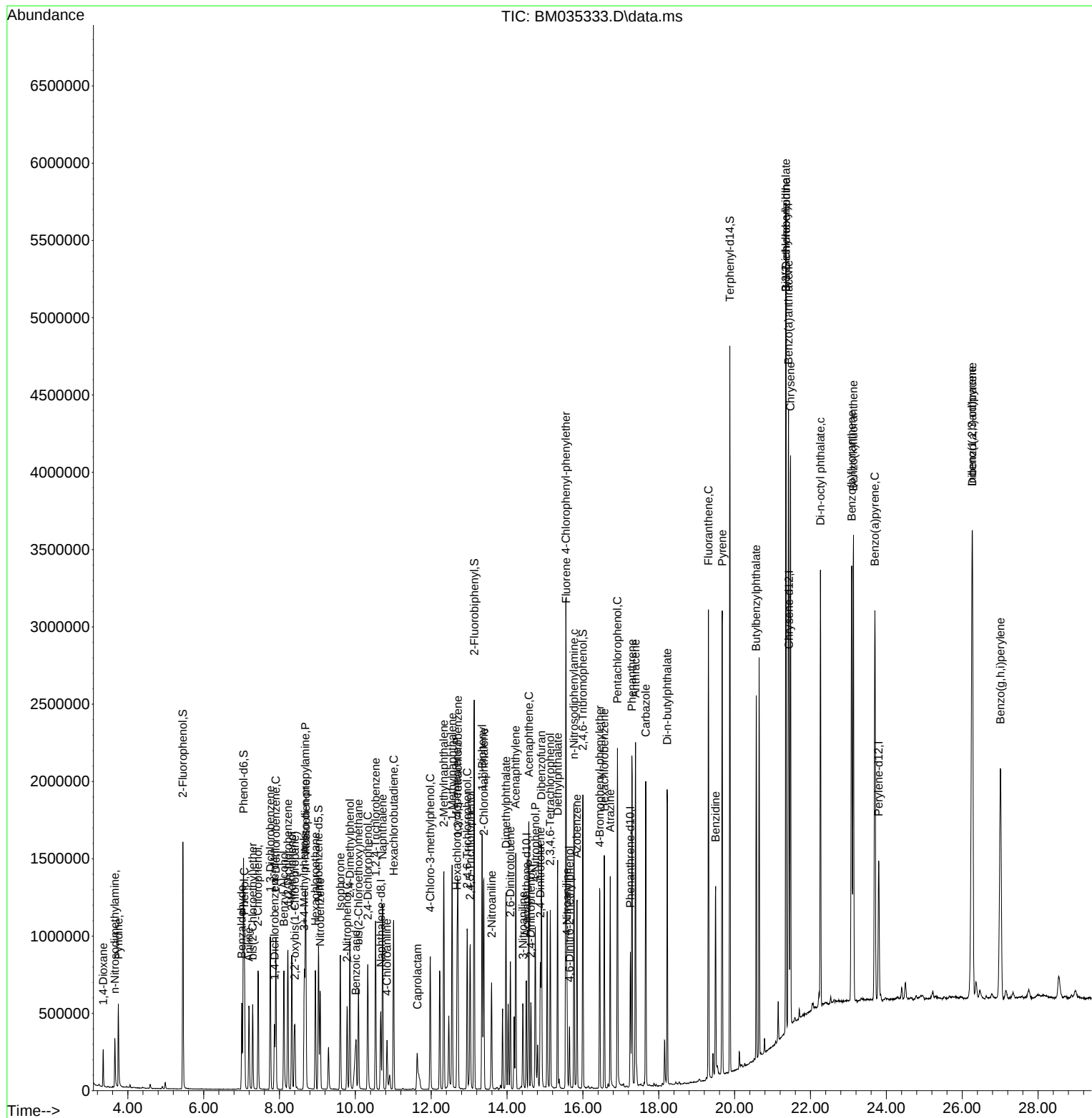
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	287162	52.335	ng	# 92
46) 1,1'-Biphenyl	13.345	154	907703	49.839	ng	99
47) 2-Chloronaphthalene	13.386	162	719846	50.976	ng	98
48) 2-Nitroaniline	13.592	65	178787	50.741	ng	87
49) Acenaphthylene	14.227	152	1105758	52.517	ng	100
50) Dimethylphthalate	13.968	163	842135	48.041	ng	99
51) 2,6-Dinitrotoluene	14.086	165	191215	53.138	ng	# 79
52) Acenaphthene	14.574	154	637373	49.708	ng	99
53) 3-Nitroaniline	14.415	138	148744	41.723	ng	92
54) 2,4-Dinitrophenol	14.627	184	146321	63.661	ng	# 80
55) Dibenzofuran	14.904	168	1035885	47.967	ng	94
56) 4-Nitrophenol	14.745	139	319846	116.371	ng	85
57) 2,4-Dinitrotoluene	14.880	165	259706	53.803	ng	# 83
58) Fluorene	15.557	166	835525	49.622	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	248326	51.134	ng	# 84
60) Diethylphthalate	15.333	149	823686	48.093	ng	97
61) 4-Chlorophenyl-phenyle...	15.551	204	447095	48.770	ng	90
62) 4-Nitroaniline	15.580	138	186242	51.724	ng	91
63) Azobenzene	15.839	77	648538	44.758	ng	92
65) 4,6-Dinitro-2-methylph...	15.645	198	102461	30.727	ng	83
66) n-Nitrosodiphenylamine	15.762	169	722970	47.213	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	286768	48.238	ng	# 88
68) Hexachlorobenzene	16.562	284	326281	49.269	ng	# 88
69) Atrazine	16.721	200	267957	52.572	ng	97
70) Pentachlorophenol	16.909	266	432222	113.000	ng	98
71) Phenanthrene	17.292	178	1346312	49.285	ng	99
72) Anthracene	17.386	178	1392447	52.219	ng	99
73) Carbazole	17.656	167	1269887	50.077	ng	97
74) Di-n-butylphthalate	18.221	149	1416808	48.153	ng	99
75) Fluoranthene	19.309	202	1778423	55.583	ng	98
77) Benzidine	19.497	184	776771	58.619	ng	99
78) Pyrene	19.674	202	1861149	43.366	ng	99
80) Butylbenzylphthalate	20.568	149	742705	45.246	ng	90
81) Benzo(a)anthracene	21.421	228	2057794	49.744	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	690091	67.379	ng	98
83) Chrysene	21.474	228	1898900	48.628	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	1090414	46.984	ng	# 96
85) Di-n-octyl phthalate	22.262	149	1972071	51.219	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.262	276	2389386	49.832	ng	# 95
88) Benzo(b)fluoranthene	23.085	252	2191676	51.619	ng	98
89) Benzo(k)fluoranthene	23.133	252	2021225	48.183	ng	98
90) Benzo(a)pyrene	23.697	252	2057994	58.481	ng	# 97
91) Dibenzo(a,h)anthracene	26.268	278	2086054	52.374	ng	96
92) Benzo(g,h,i)perylene	27.009	276	2075879	52.257	ng	# 95

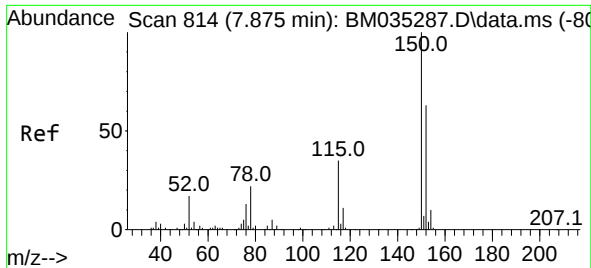
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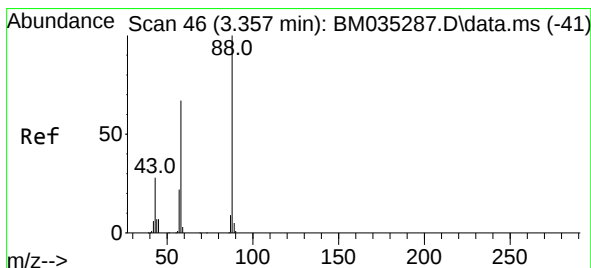
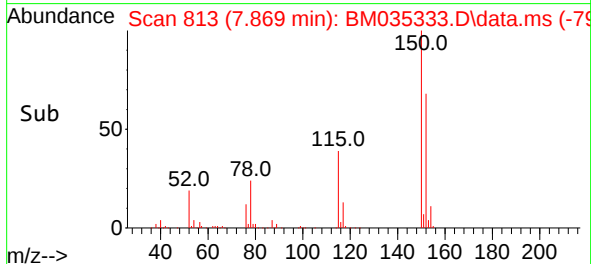
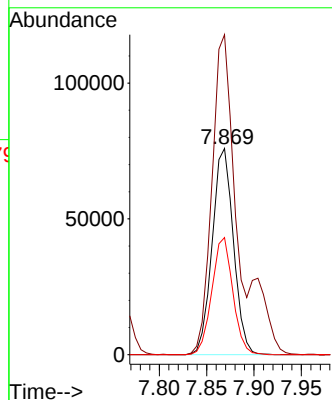
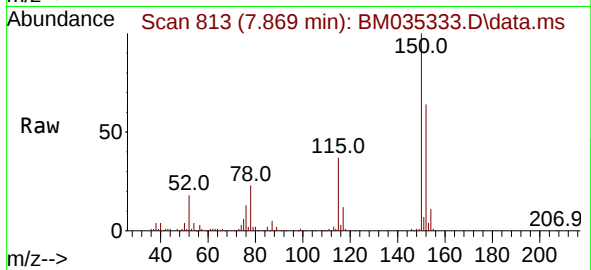




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM035333.D
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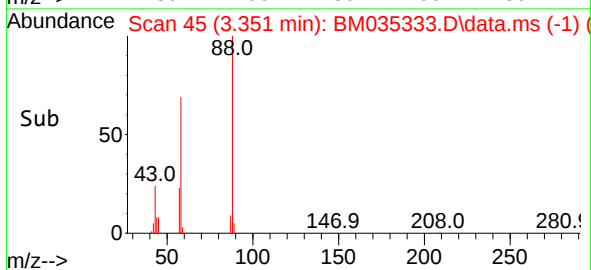
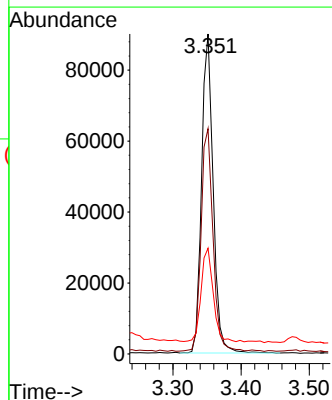
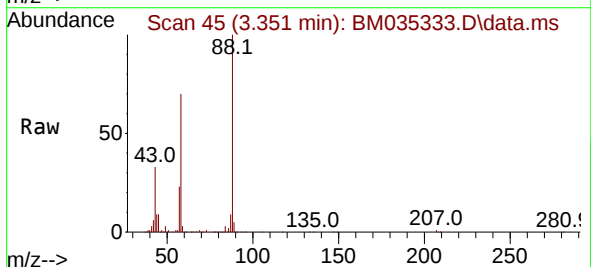
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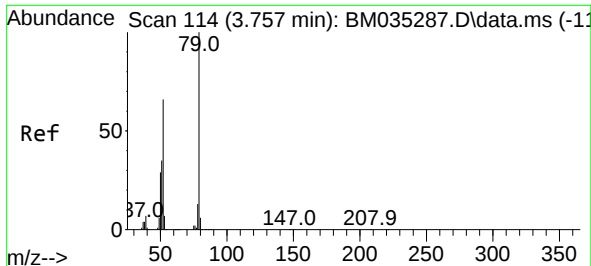
Tgt Ion:152 Resp: 118427
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 56.8 47.9 71.9



#2
1,4-Dioxane
Concen: 42.256 ng
RT: 3.351 min Scan# 45
Delta R.T. -0.006 min
Lab File: BM035333.D
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Tgt Ion: 88 Resp: 106145
Ion Ratio Lower Upper
88 100
58 71.4 62.3 93.5
43 30.3 28.7 43.1

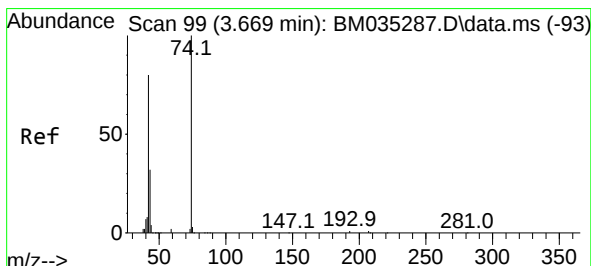
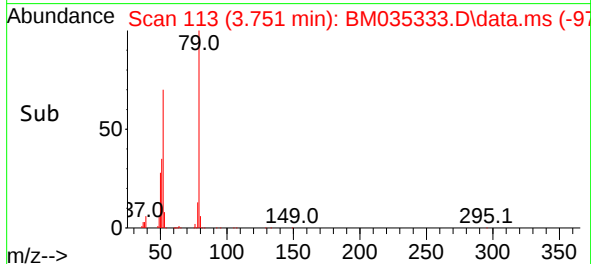
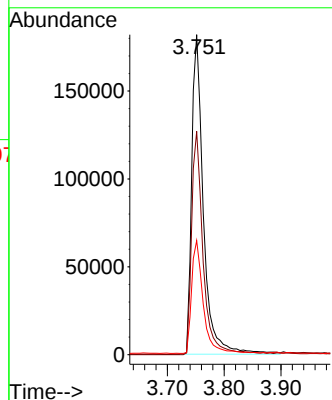
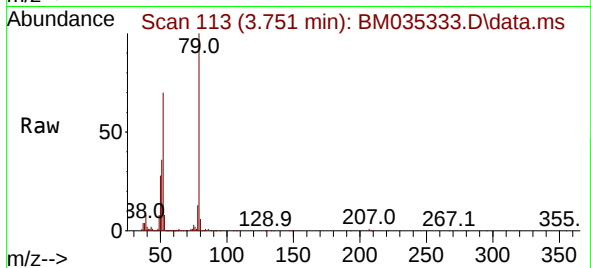




#3
 Pyridine
 Concen: 40.071 ng
 RT: 3.751 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM035333.D
 Acq: 31 May 2022 19:46

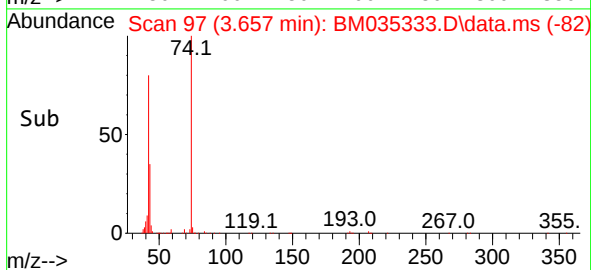
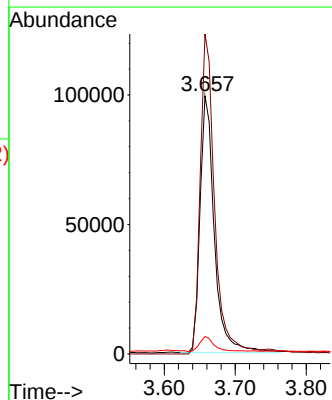
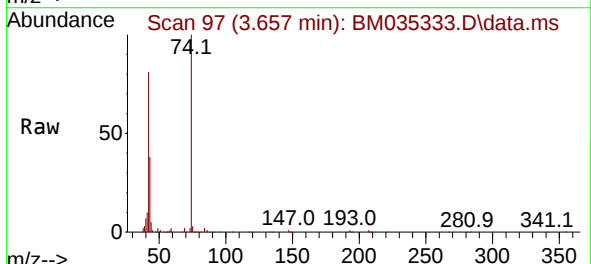
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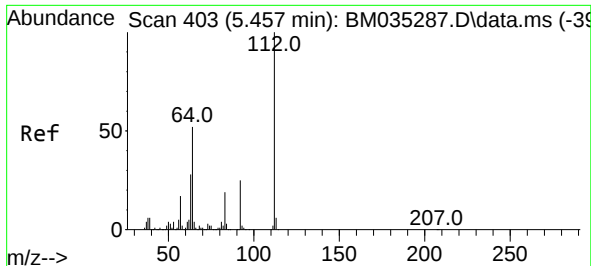
Tgt Ion: 79 Resp: 261879
 Ion Ratio Lower Upper
 79 100
 52 69.8 61.9 92.9
 51 35.6 33.5 50.3



#4
 n-Nitrosodimethylamine
 Concen: 43.849 ng
 RT: 3.657 min Scan# 97
 Delta R.T. -0.012 min
 Lab File: BM035333.D
 Acq: 31 May 2022 19:46

Tgt Ion: 42 Resp: 139570
 Ion Ratio Lower Upper
 42 100
 74 124.1 81.6 122.4#
 44 6.7 5.2 7.8

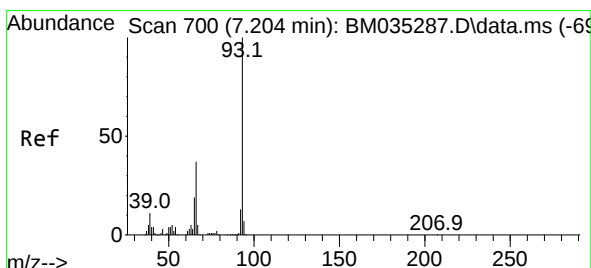
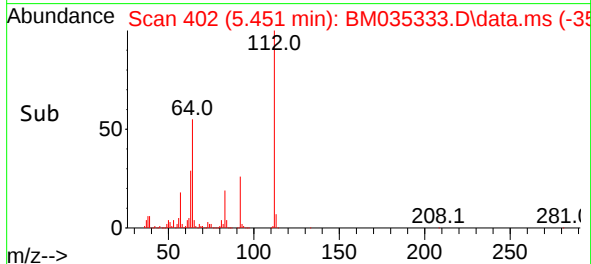
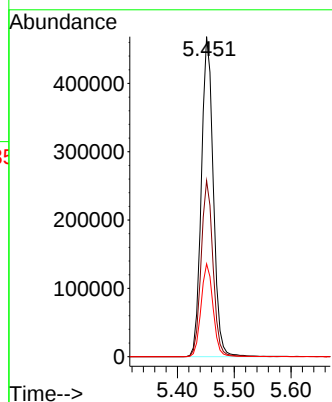
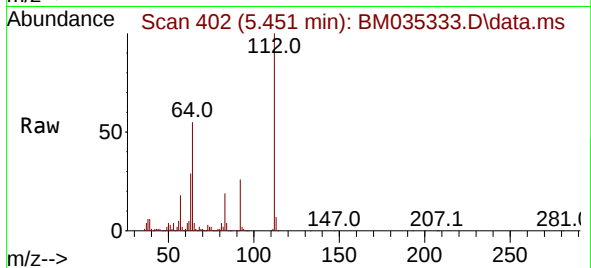




#5
2-Fluorophenol
Concen: 106.834 ng
RT: 5.451 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM035333.D
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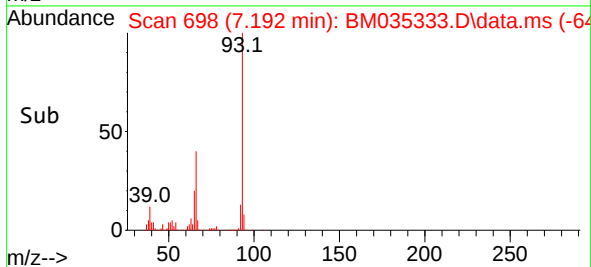
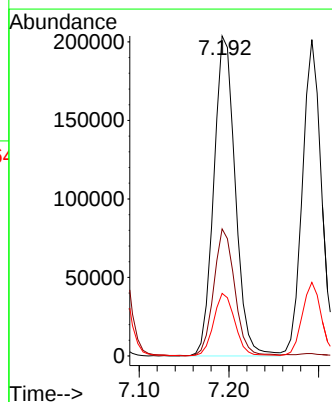
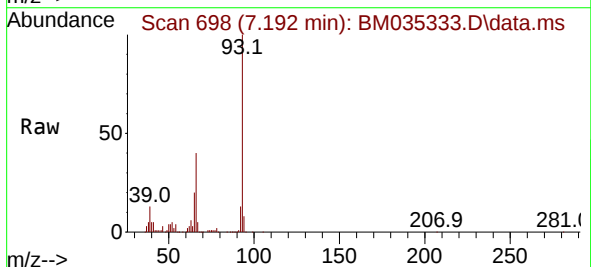
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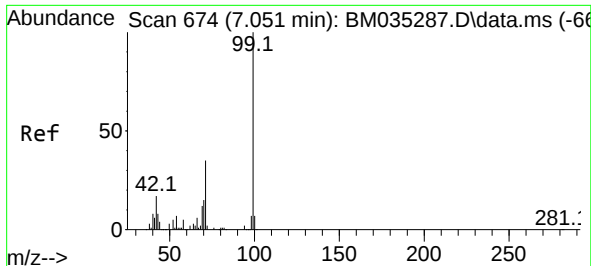
Tgt Ion:112 Resp: 685238
Ion Ratio Lower Upper
112 100
64 55.0 47.8 71.6
63 29.0 26.6 40.0



#6
Aniline
Concen: 38.437 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.012 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion: 93 Resp: 339171
Ion Ratio Lower Upper
93 100
66 39.7 32.6 49.0
65 19.5 16.8 25.2

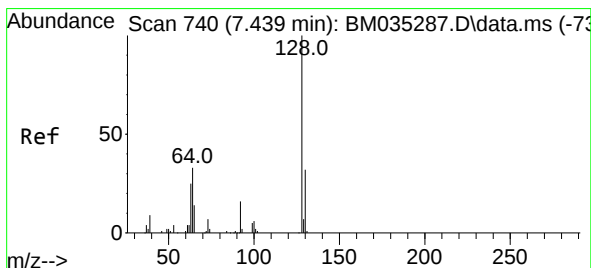
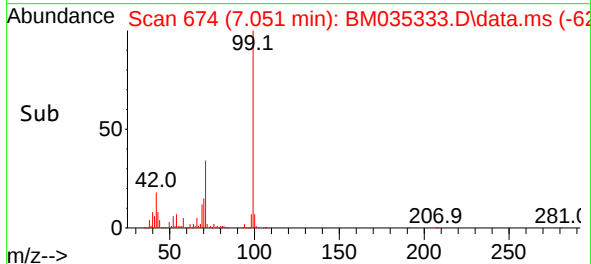
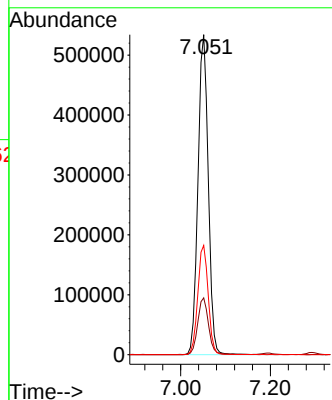
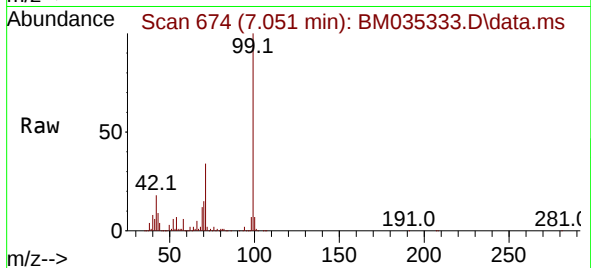




#7
Phenol-d6
Concen: 102.311 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035333.D
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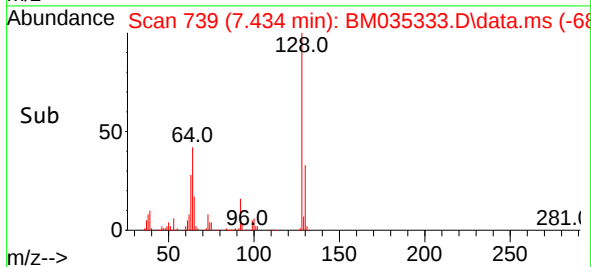
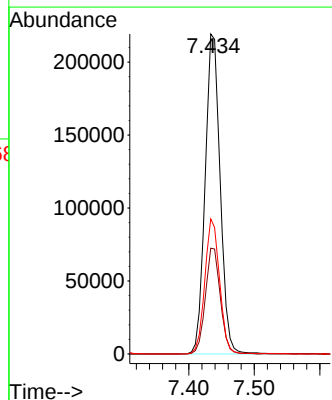
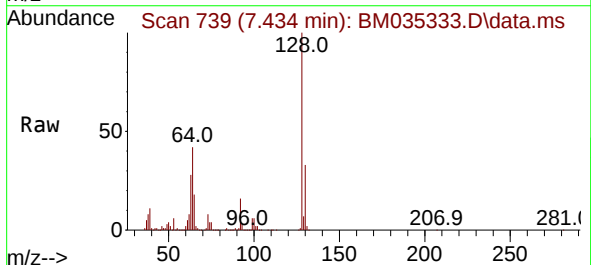
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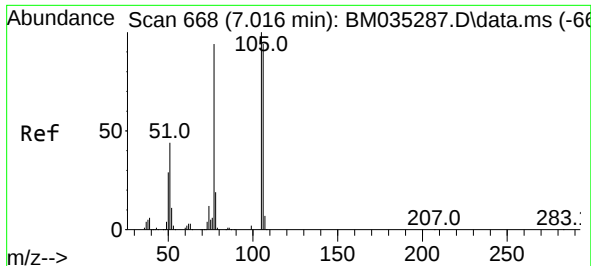
Tgt Ion: 99 Resp: 849723
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 34.2 30.2 45.2



#8
2-Chlorophenol
Concen: 48.635 ng
RT: 7.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM035333.D
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Tgt Ion: 128 Resp: 351034
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 42.2 28.2 68.2

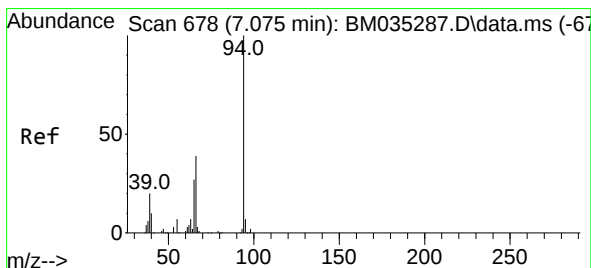
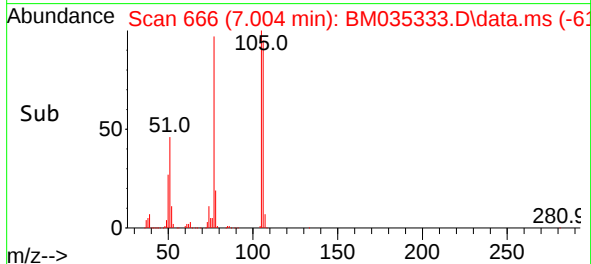
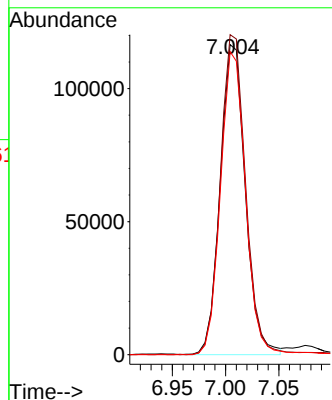
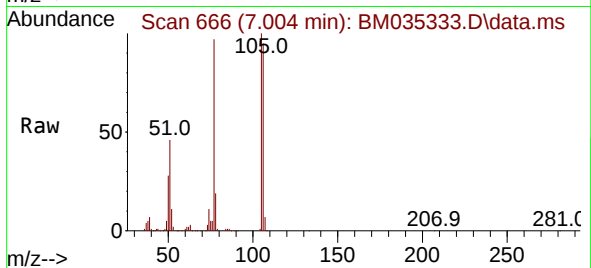




#9
Benzaldehyde
Concen: 44.302 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.012 min
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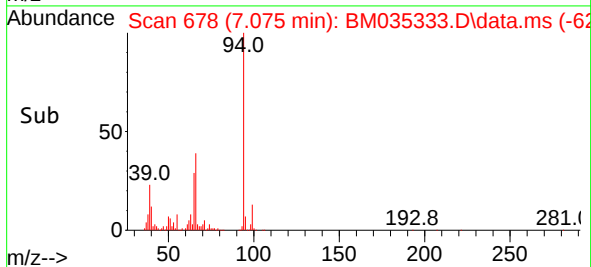
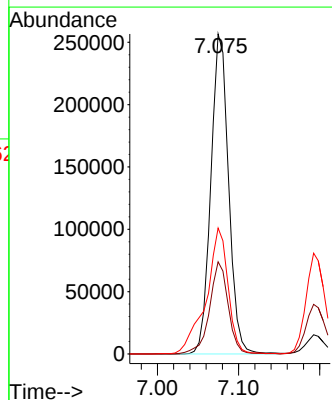
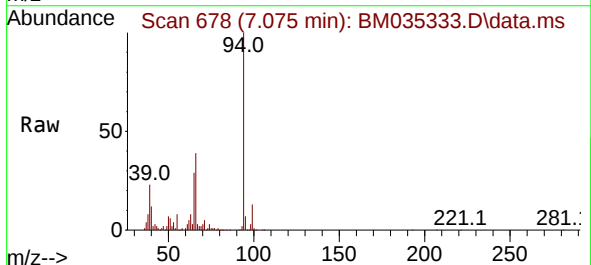
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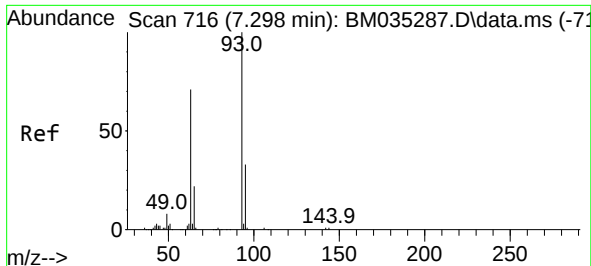
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Ion Ratio Lower Upper
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105 103.2 76.3 116.3
106 97.7 69.0 109.0



#10
Phenol
Concen: 48.169 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion: 94 Resp: 389879
Ion Ratio Lower Upper
94 100
65 28.8 11.4 51.4
66 39.4 21.4 61.4

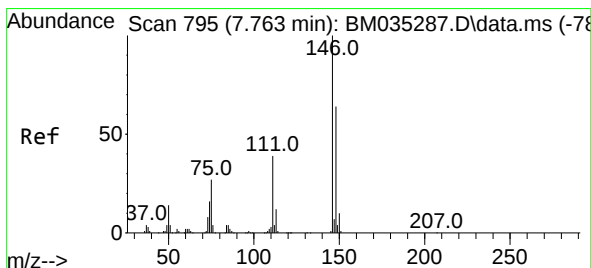
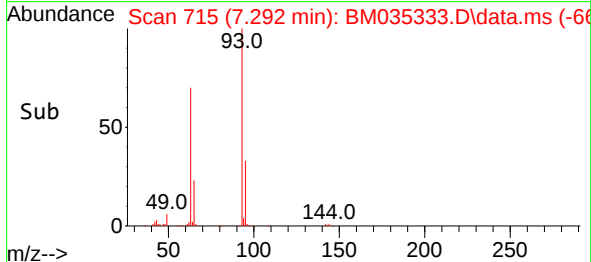
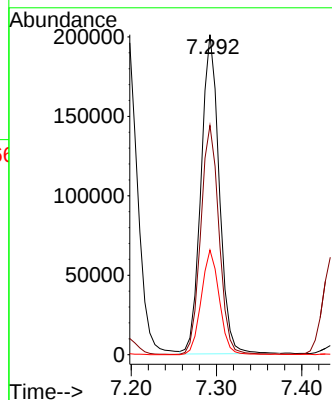
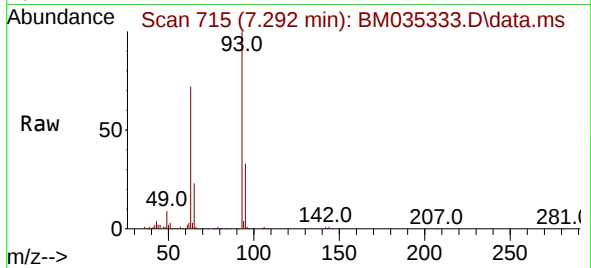




#11
bis(2-Chloroethyl)ether
Concen: 46.974 ng
RT: 7.292 min Scan# 715
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

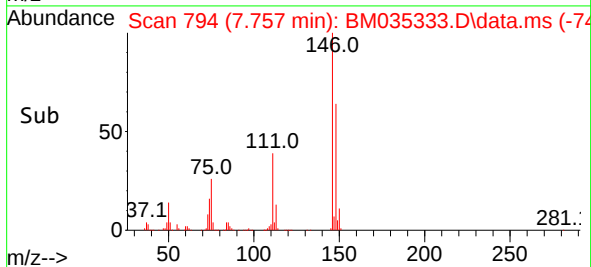
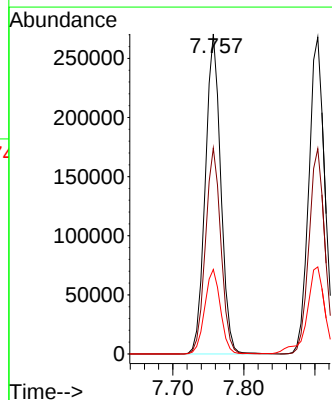
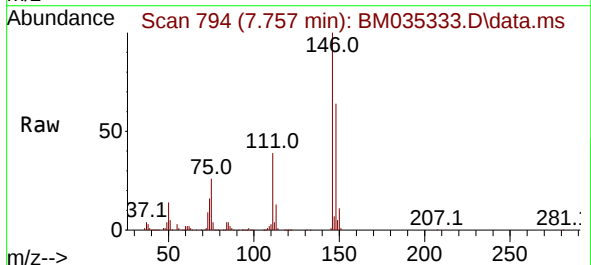
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

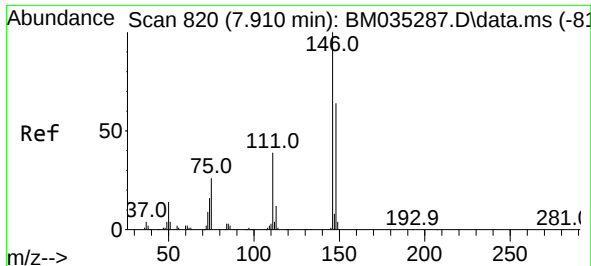
Tgt Ion: 93 Resp: 297195
Ion Ratio Lower Upper
93 100
63 71.7 60.6 100.6
95 32.7 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 49.077 ng
RT: 7.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:146 Resp: 409413
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
75 26.4 26.1 39.1

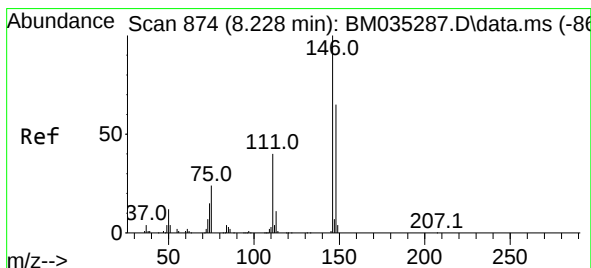
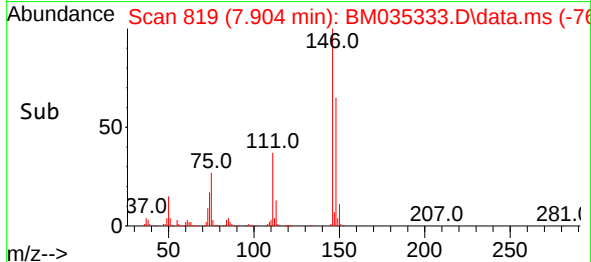
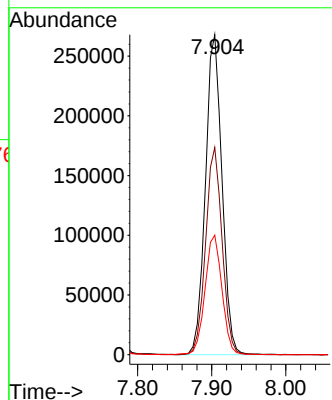
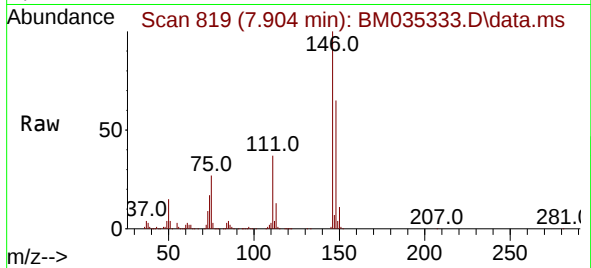




#13
1,4-Dichlorobenzene
Concen: 48.918 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

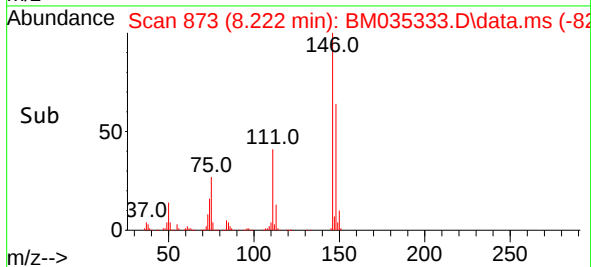
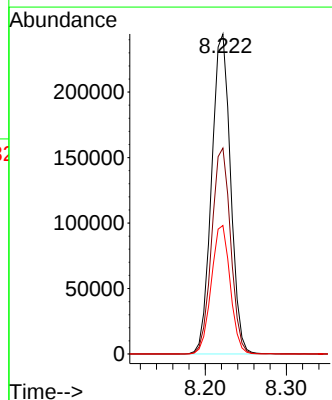
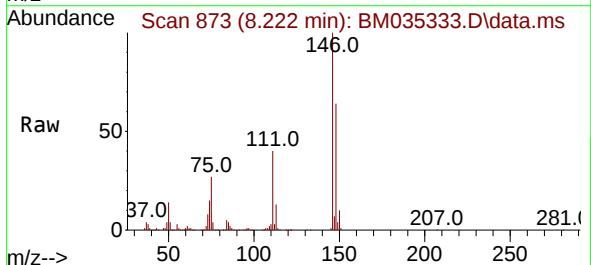
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

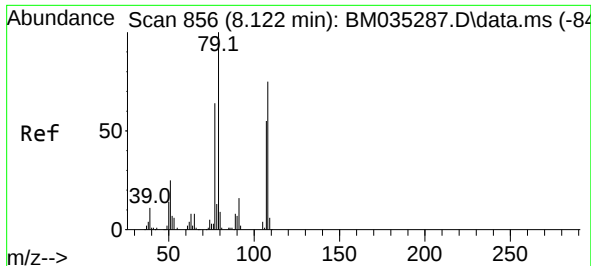
Tgt Ion:146 Resp: 416793
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 37.3 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 47.844 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:146 Resp: 395631
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
111 40.1 33.9 50.9

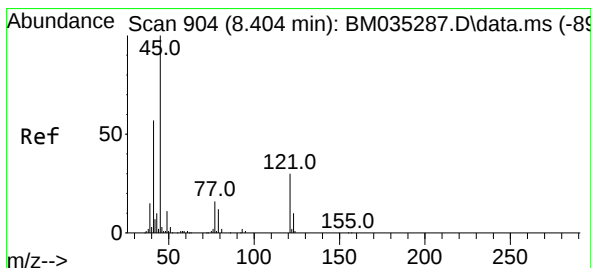
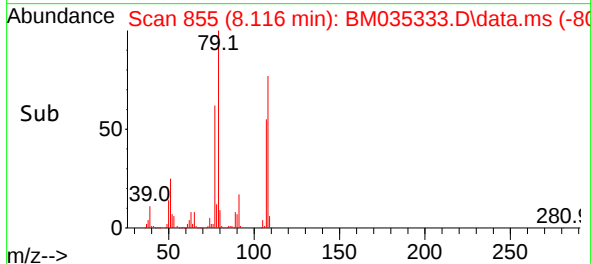
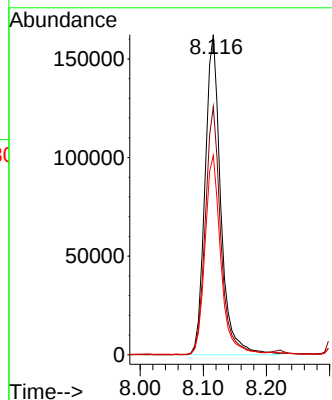
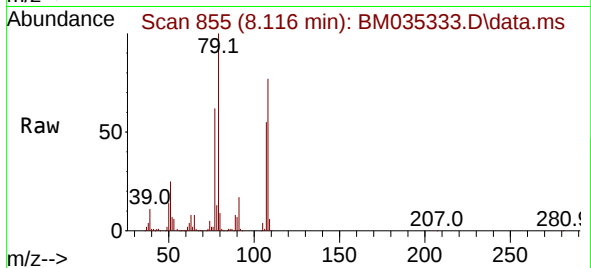




#15
Benzyl Alcohol
Concen: 47.547 ng
RT: 8.116 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

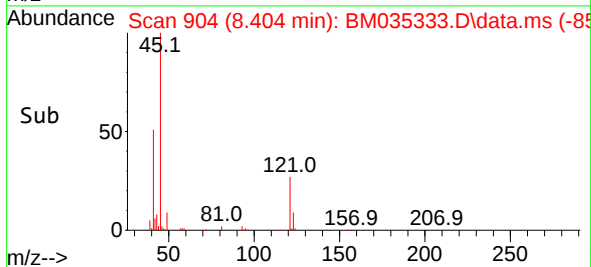
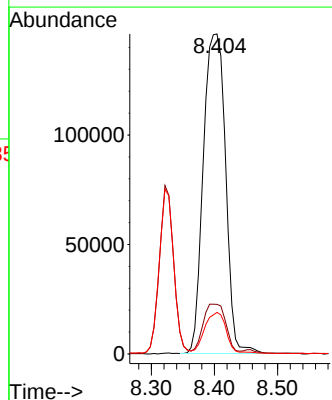
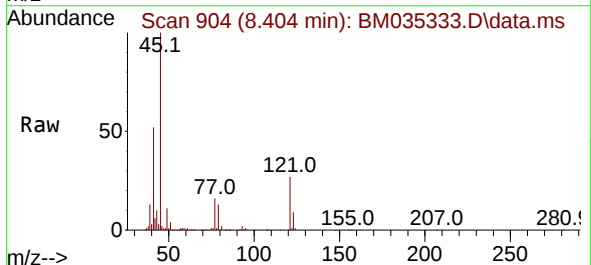
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

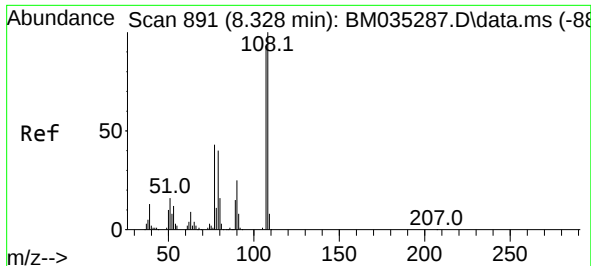
Tgt Ion: 79 Resp: 280873
Ion Ratio Lower Upper
79 100
108 77.5 59.0 88.4
77 62.3 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.011 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.000 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion: 45 Resp: 357228
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.1
79 13.0 0.0 30.5

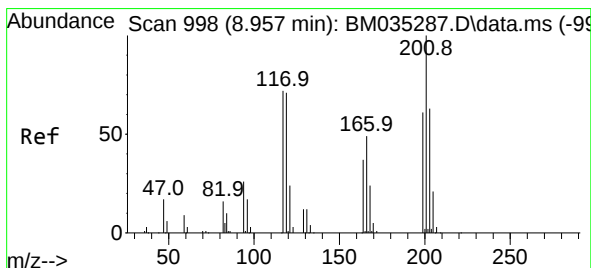
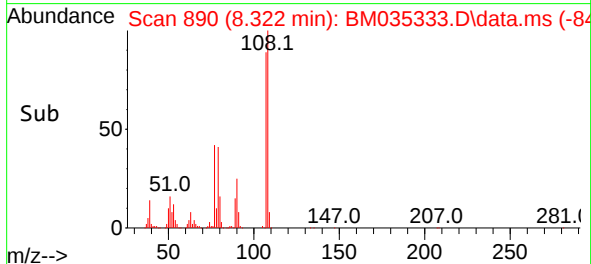
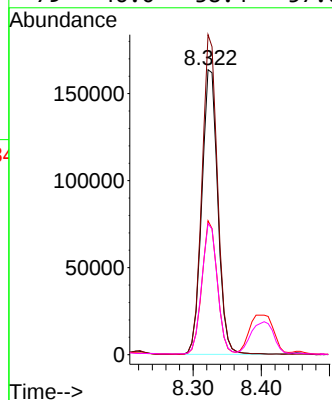
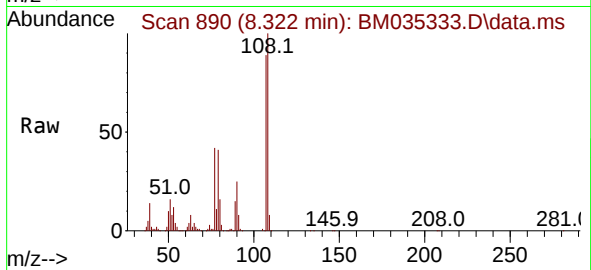




#17
2-Methylphenol
Concen: 46.981 ng
RT: 8.322 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

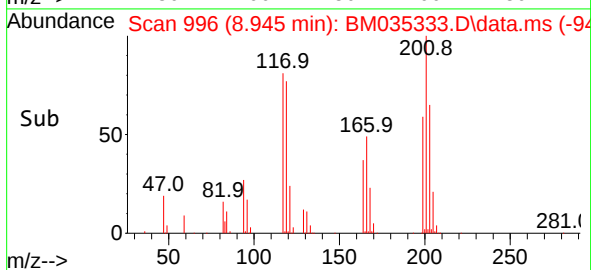
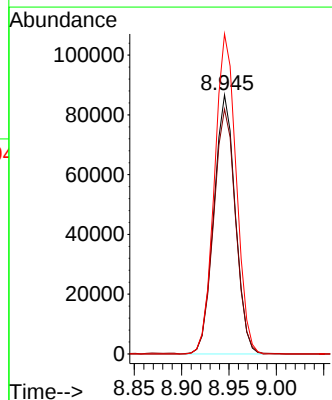
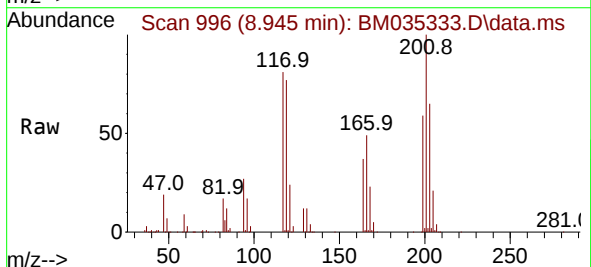
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

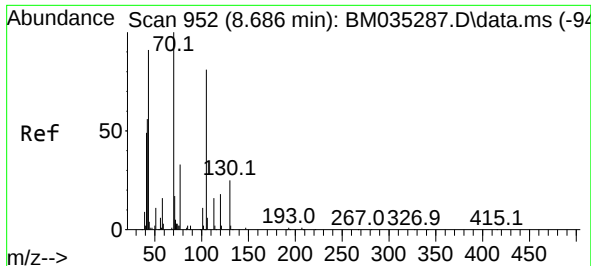
Tgt Ion:107 Resp: 266627
Ion Ratio Lower Upper
107 100
108 112.3 88.7 133.1
77 47.0 40.6 60.8
79 46.0 38.4 57.6



#18
Hexachloroethane
Concen: 46.724 ng
RT: 8.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:117 Resp: 136368
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
201 123.5 81.0 121.4#

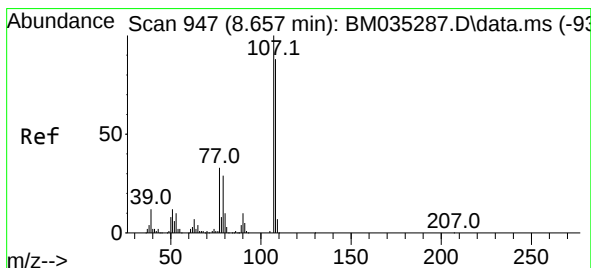
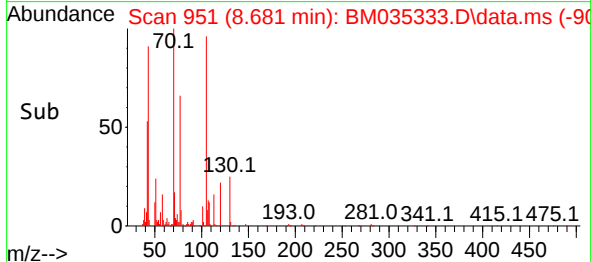
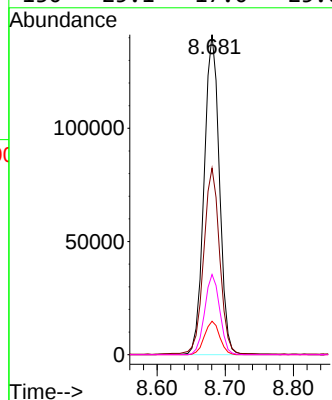
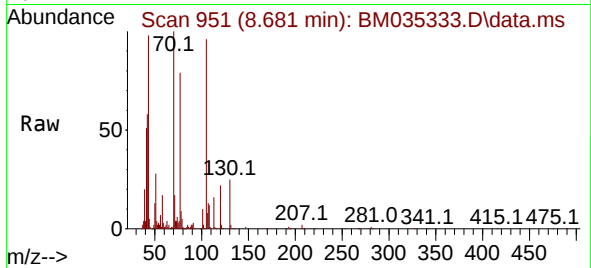




#19
n-Nitroso-di-n-propylamine
Concen: 43.141 ng
RT: 8.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

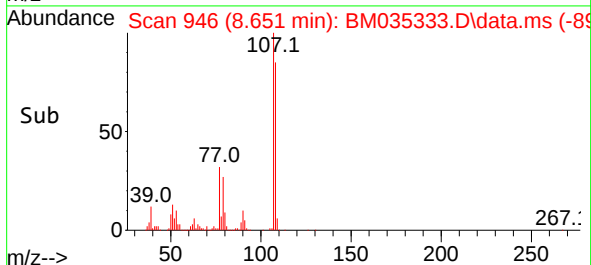
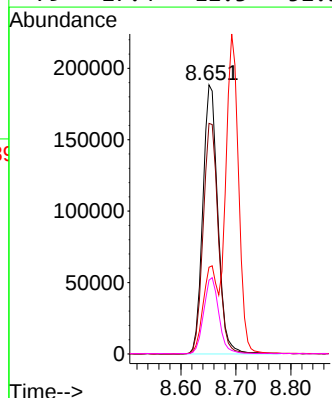
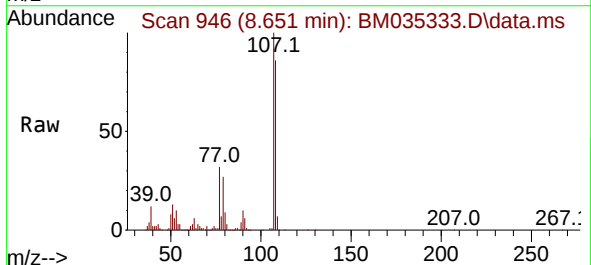
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

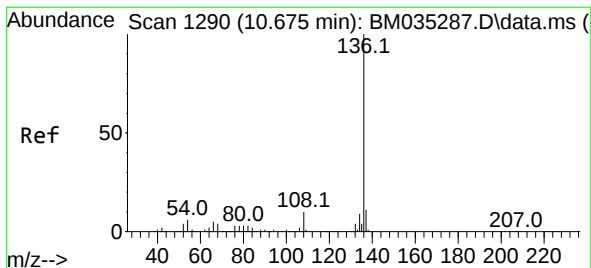
Tgt Ion: 70 Resp: 220979
Ion Ratio Lower Upper
70 100
42 58.3 55.4 83.2
101 10.5 7.8 11.6
130 25.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 45.969 ng
RT: 8.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion: 107 Resp: 357101
Ion Ratio Lower Upper
107 100
108 85.7 69.3 109.3
77 32.2 15.8 55.8
79 27.4 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

Tgt Ion:136 Resp: 424173

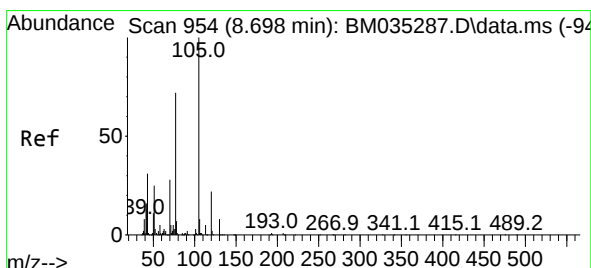
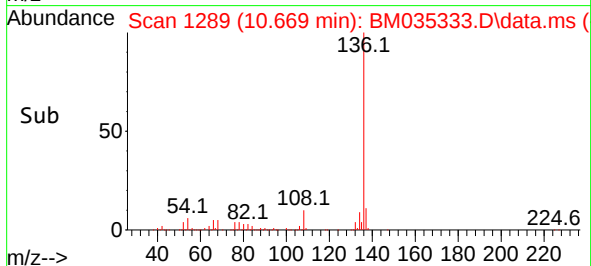
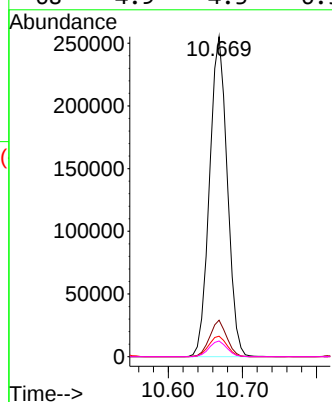
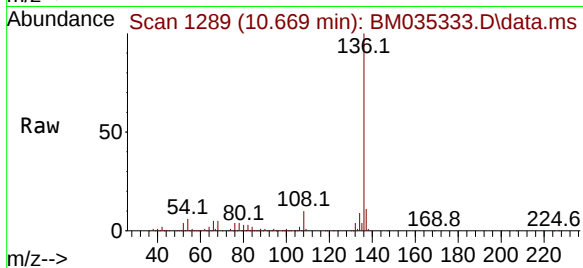
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.4 7.0 10.4#

68 4.9 4.3 6.5



#22

Acetophenone

Concen: 47.807 ng

RT: 8.692 min Scan# 953

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Tgt Ion:105 Resp: 482574

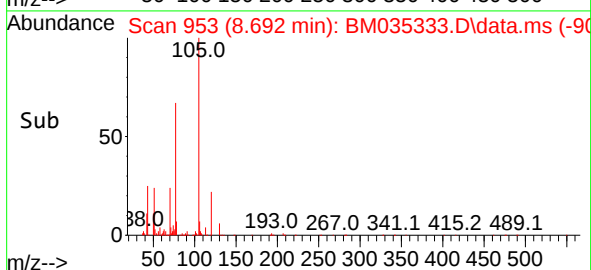
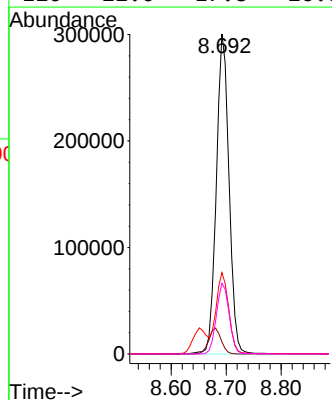
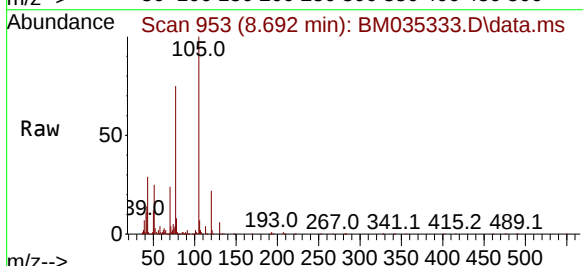
Ion Ratio Lower Upper

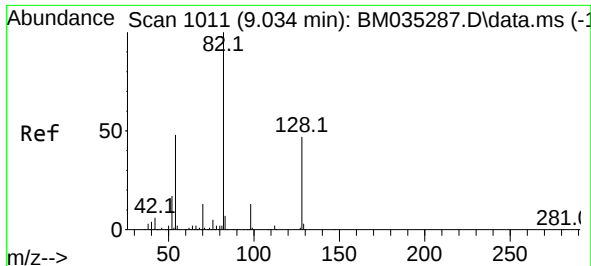
105 100

71 3.7 5.0 7.4#

51 25.4 25.6 38.4#

120 22.0 17.8 26.8





#23

Nitrobenzene-d5

Concen: 68.020 ng

RT: 9.028 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM035333.D

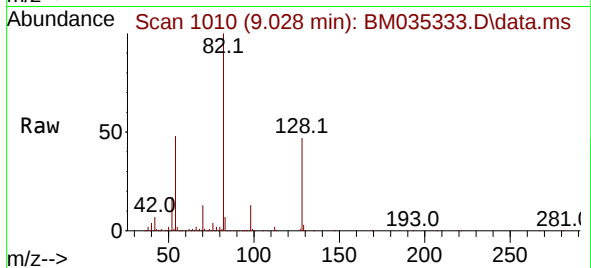
Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD



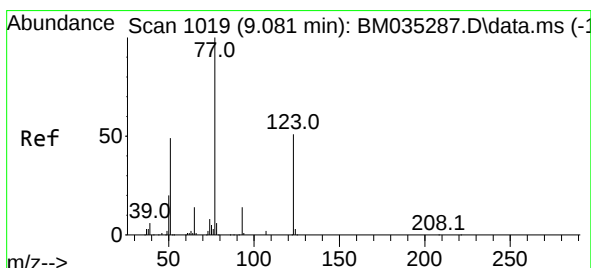
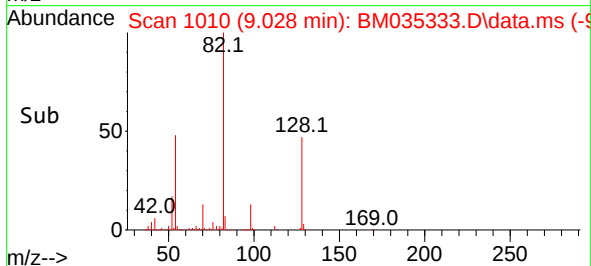
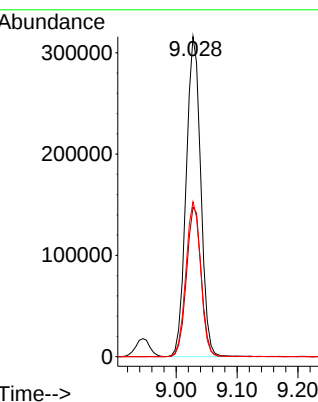
Tgt Ion: 82 Resp: 524131

Ion Ratio Lower Upper

82 100

128 46.7 33.7 50.5

54 48.4 43.2 64.8



#24

Nitrobenzene

Concen: 47.578 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

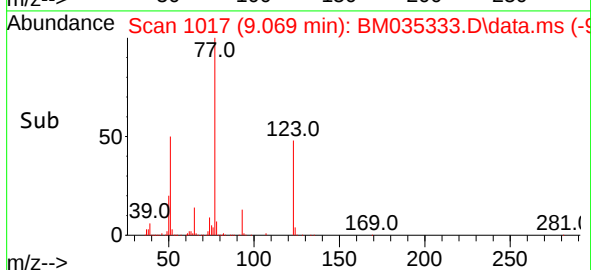
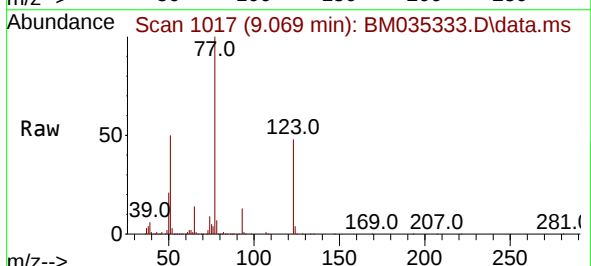
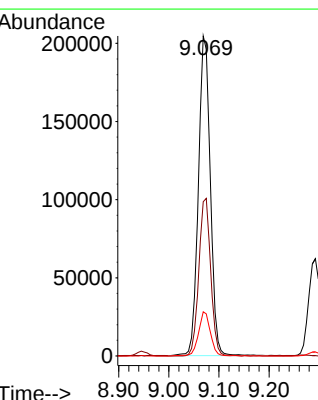
Tgt Ion: 77 Resp: 338137

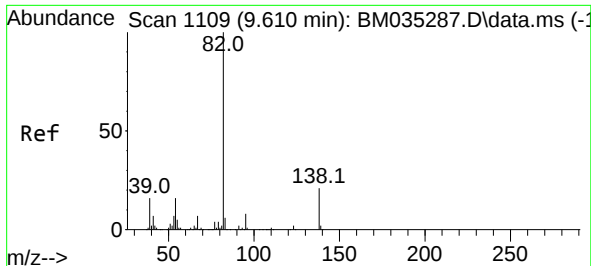
Ion Ratio Lower Upper

77 100

123 48.2 36.2 54.4

65 13.8 11.4 17.0





#25

Isophorone

Concen: 50.657 ng

RT: 9.604 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM035333.D

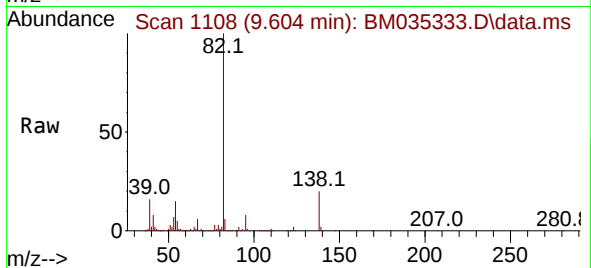
Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD



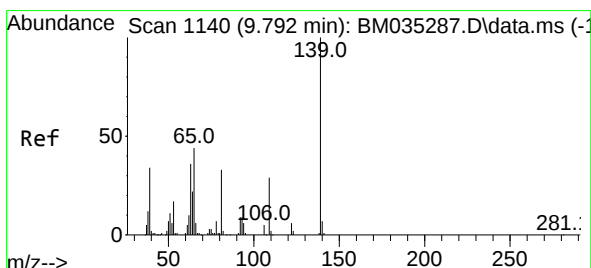
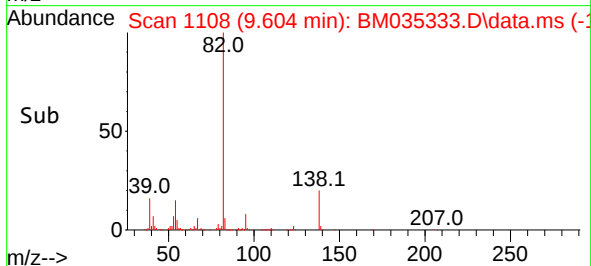
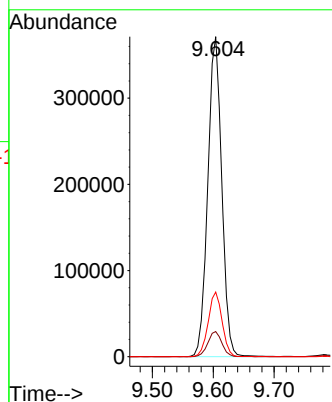
Tgt Ion: 82 Resp: 590783

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 20.2 14.2 21.4



#26

2-Nitrophenol

Concen: 51.483 ng

RT: 9.780 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

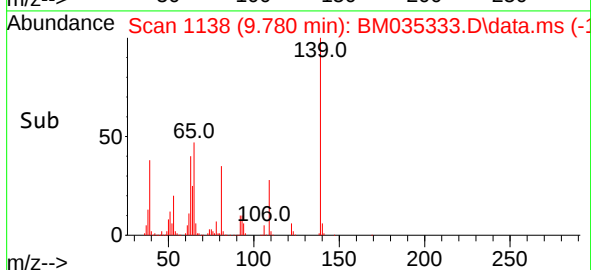
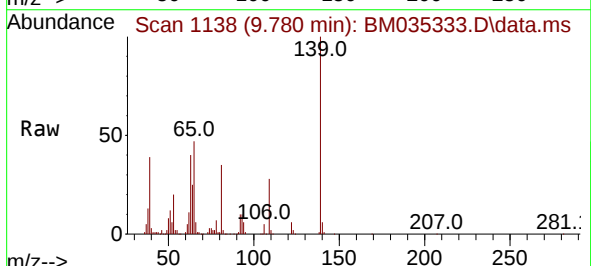
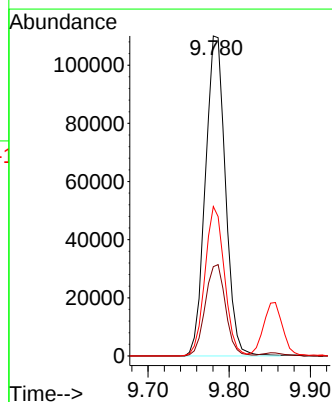
Tgt Ion:139 Resp: 188793

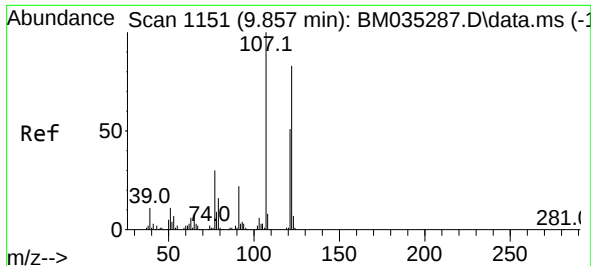
Ion Ratio Lower Upper

139 100

109 27.9 25.6 38.4

65 46.7 43.2 64.8

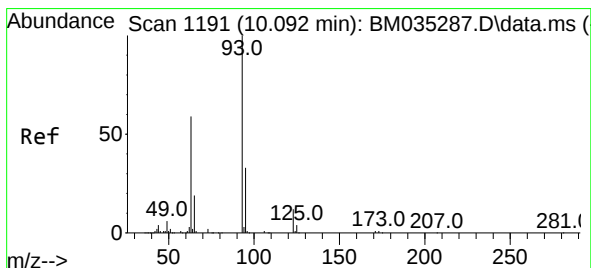
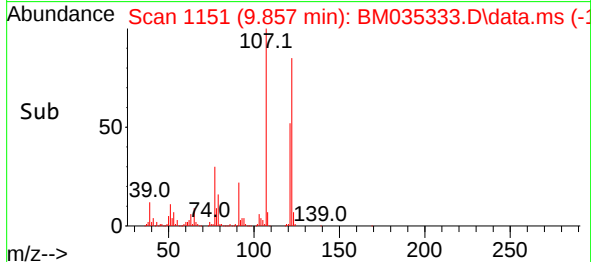
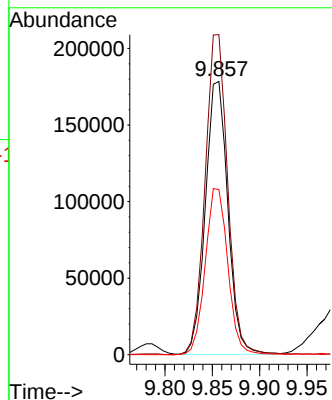
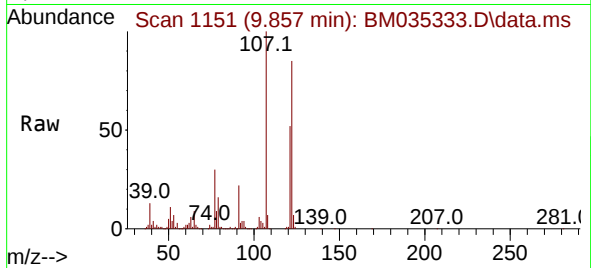




#27
2,4-Dimethylphenol
Concen: 57.447 ng
RT: 9.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

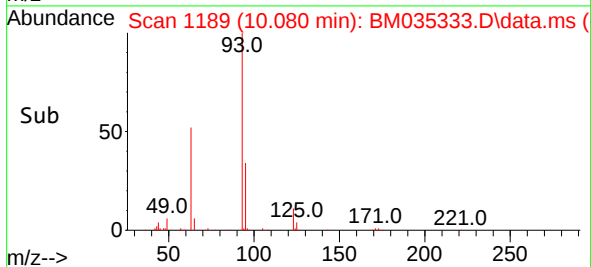
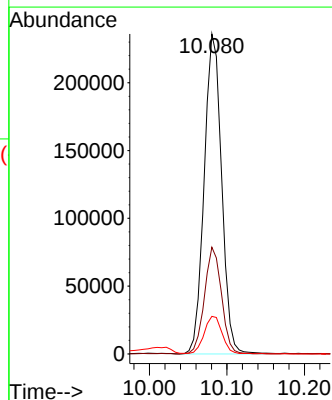
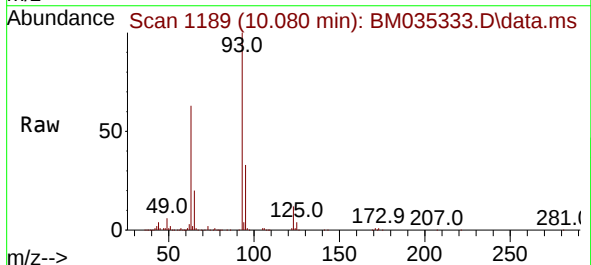
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

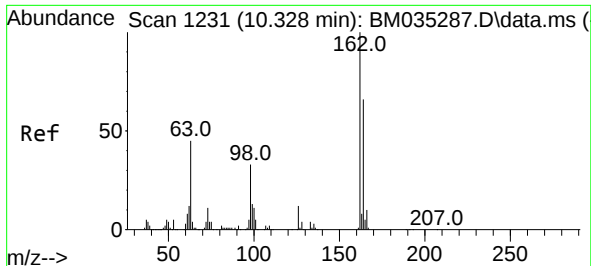
Tgt Ion:122 Resp: 295061
Ion Ratio Lower Upper
122 100
107 117.1 92.4 138.6
121 60.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.790 ng
RT: 10.080 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion: 93 Resp: 369020
Ion Ratio Lower Upper
93 100
95 33.3 26.1 39.1
123 11.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 50.156 ng

RT: 10.327 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

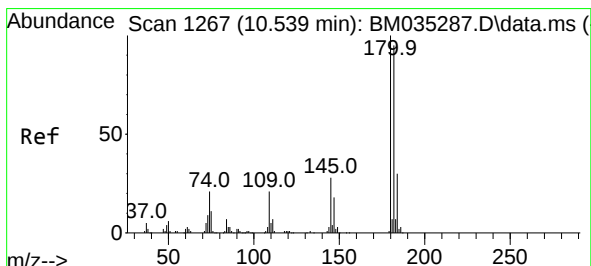
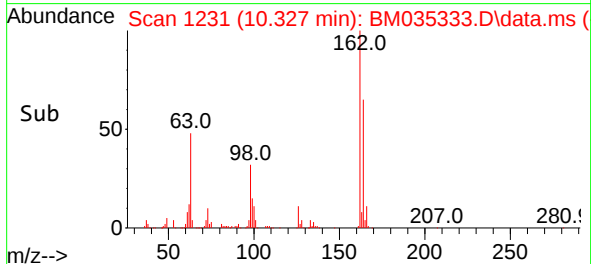
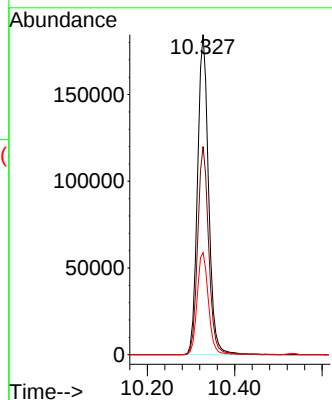
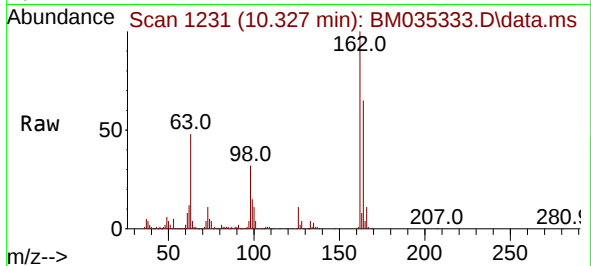
Tgt Ion:162 Resp: 324438

Ion Ratio Lower Upper

162 100

164 65.1 44.2 84.2

98 31.9 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 49.496 ng

RT: 10.533 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

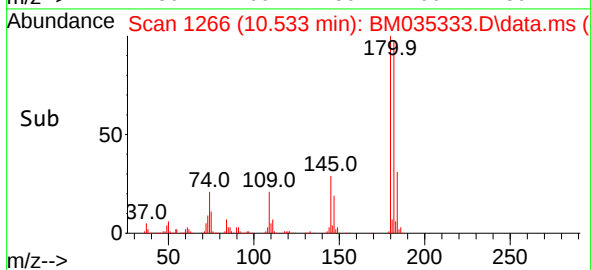
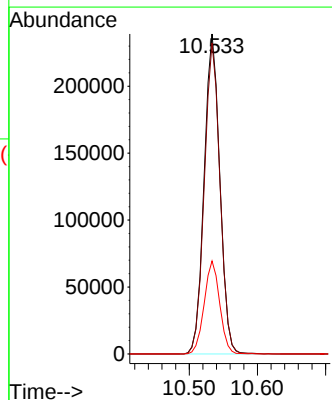
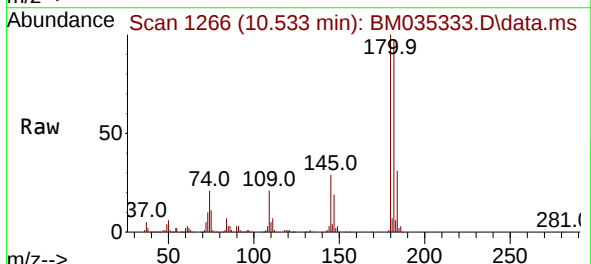
Tgt Ion:180 Resp: 382227

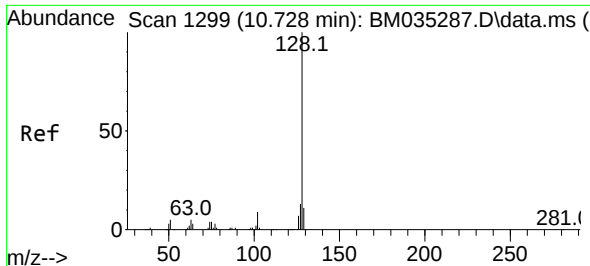
Ion Ratio Lower Upper

180 100

182 97.2 77.9 116.9

145 29.1 25.0 37.6

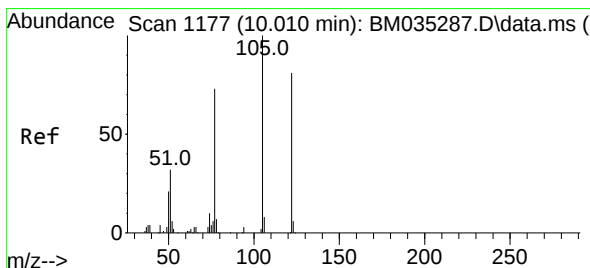
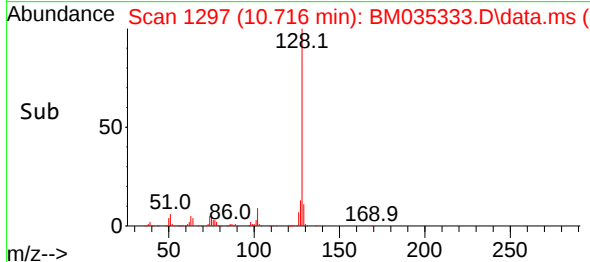
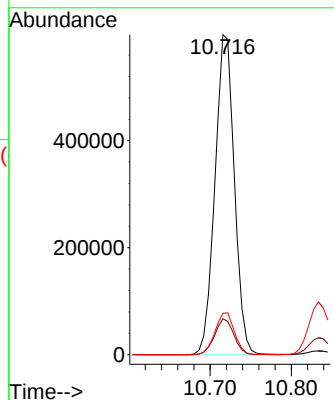
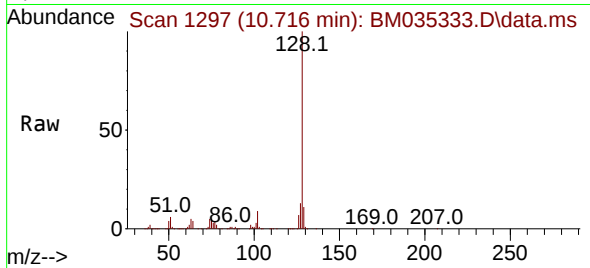




#31
Naphthalene
Concen: 48.094 ng
RT: 10.716 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

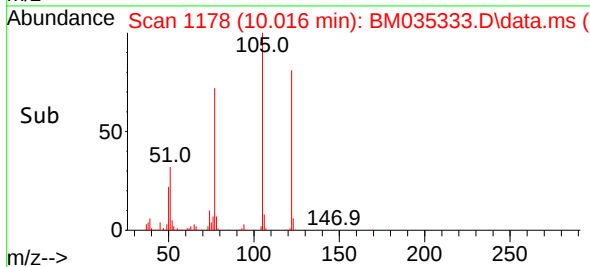
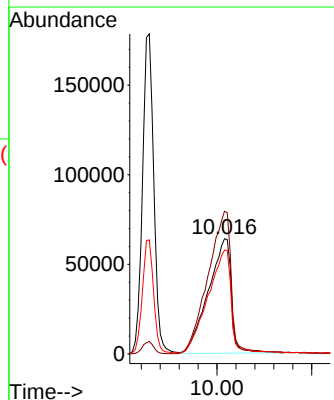
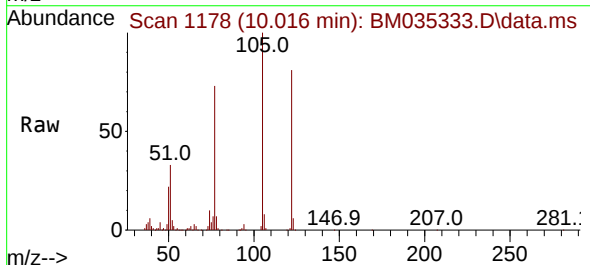
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

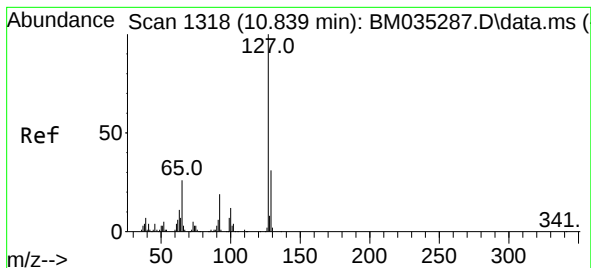
Tgt Ion:128 Resp: 994048
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 46.471 ng
RT: 10.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:122 Resp: 214792
Ion Ratio Lower Upper
122 100
105 123.8 105.7 145.7
77 90.1 80.0 120.0





#33

4-Chloroaniline

Concen: 23.389 ng

RT: 10.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

Tgt Ion:127 Resp: 191480

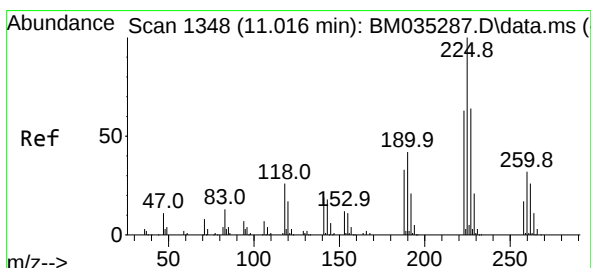
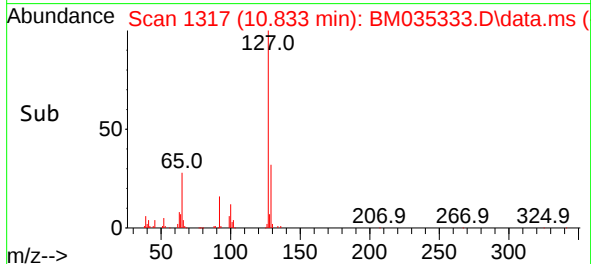
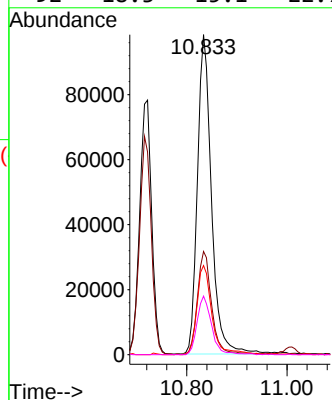
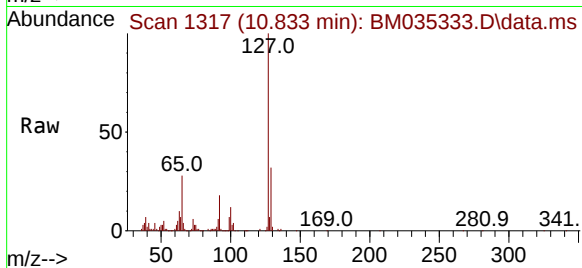
Ion Ratio Lower Upper

127 100

129 32.3 25.7 38.5

65 27.9 26.6 40.0

92 18.3 15.1 22.7



#34

Hexachlorobutadiene

Concen: 49.321 ng

RT: 11.010 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

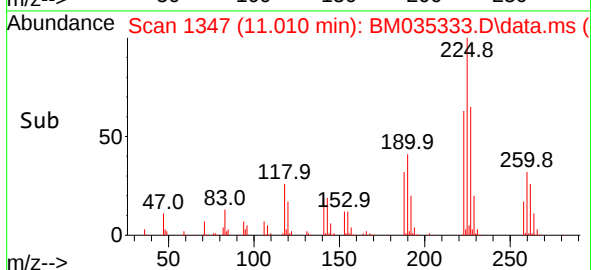
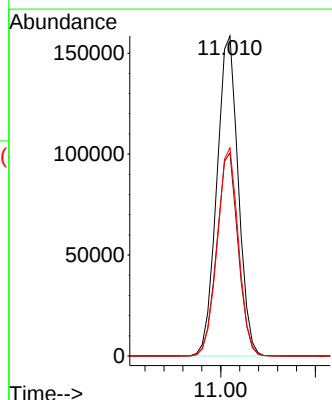
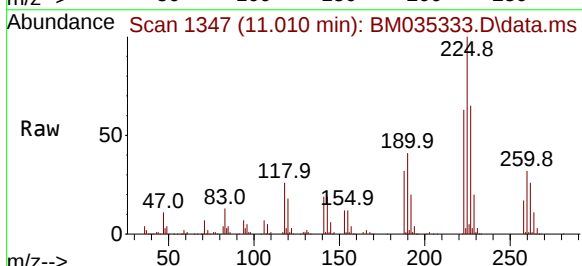
Tgt Ion:225 Resp: 249218

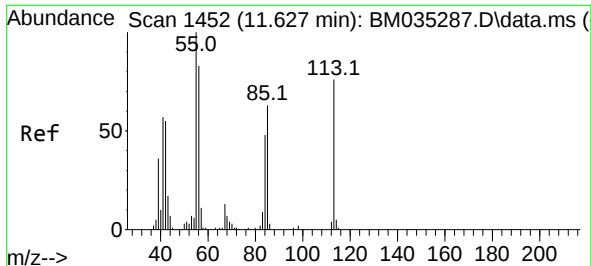
Ion Ratio Lower Upper

225 100

223 63.4 50.8 76.2

227 65.0 52.7 79.1

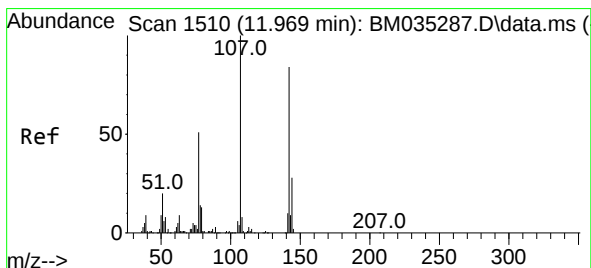
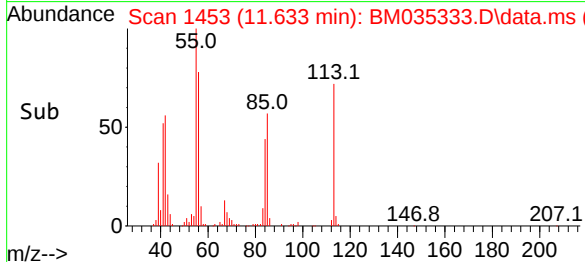
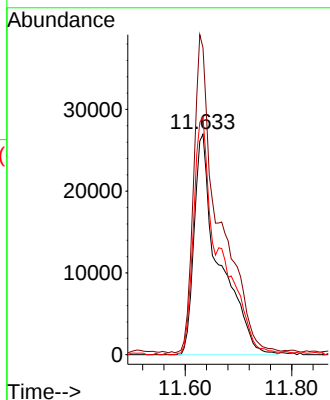
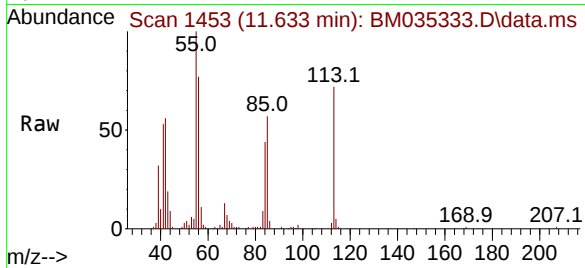




#35
Caprolactam
Concen: 49.063 ng
RT: 11.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

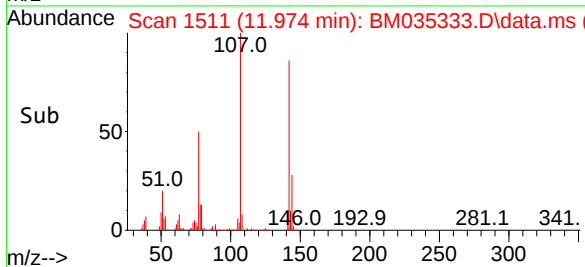
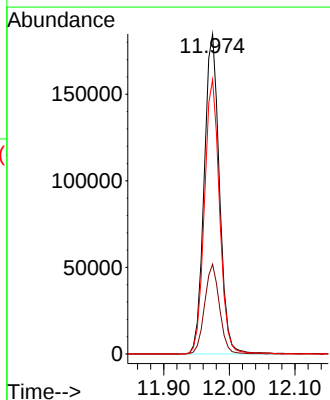
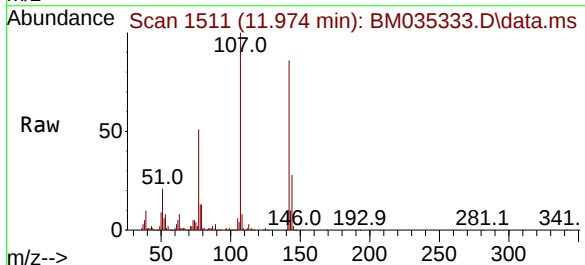
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

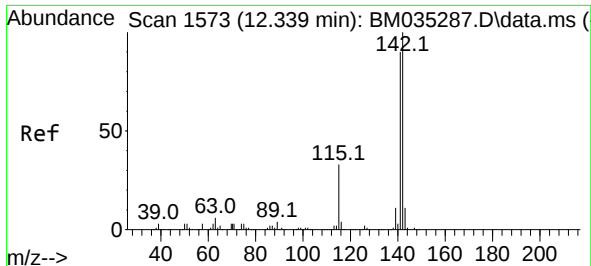
Tgt Ion:113 Resp: 87086
Ion Ratio Lower Upper
113 100
55 139.1 150.1 190.1#
56 107.7 111.7 151.7#



#36
4-Chloro-3-methylphenol
Concen: 46.450 ng
RT: 11.974 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:107 Resp: 298514
Ion Ratio Lower Upper
107 100
144 28.0 21.4 32.0
142 85.7 66.7 100.1

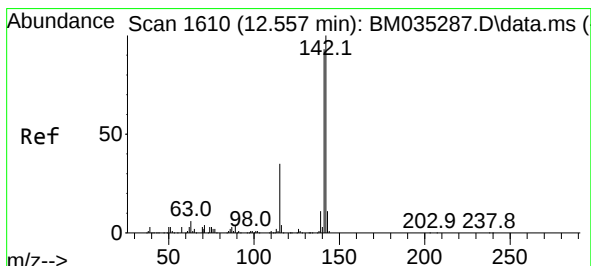
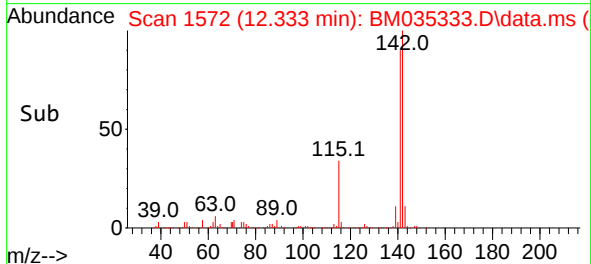
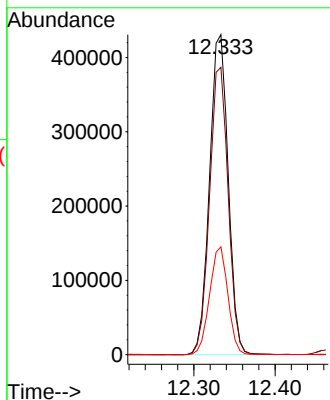
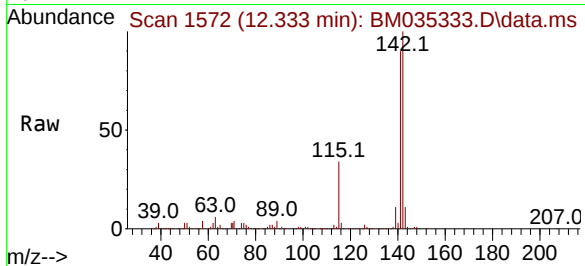




#37
2-Methylnaphthalene
Concen: 47.214 ng
RT: 12.333 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

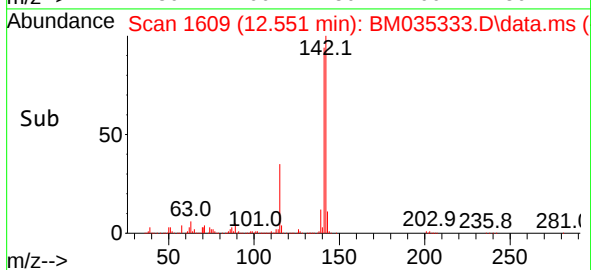
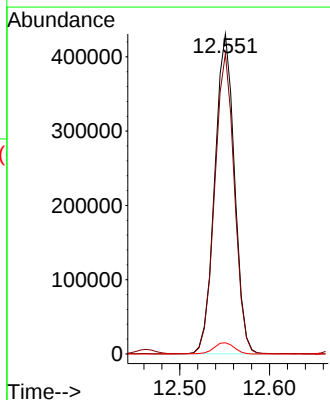
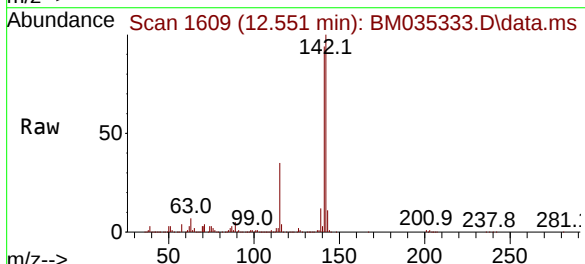
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

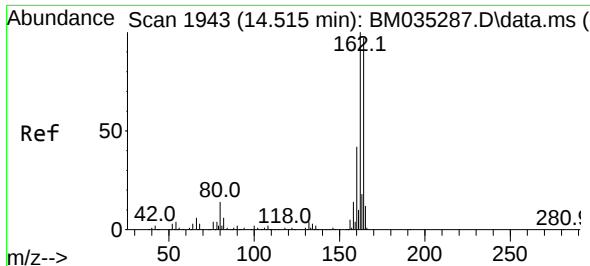
Tgt Ion:142 Resp: 688092
Ion Ratio Lower Upper
142 100
141 89.8 72.4 108.6
115 33.7 29.6 44.4



#38
1-Methylnaphthalene
Concen: 46.086 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:142 Resp: 656564
Ion Ratio Lower Upper
142 100
141 93.9 75.0 112.4
116 3.5 3.4 5.2

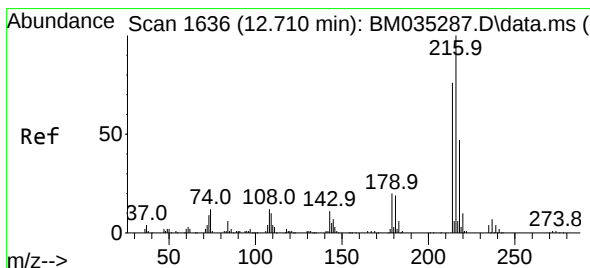
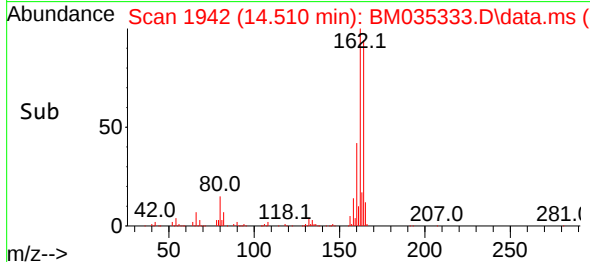
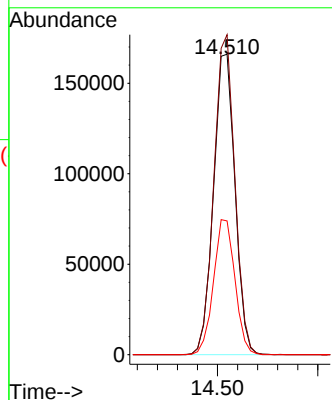
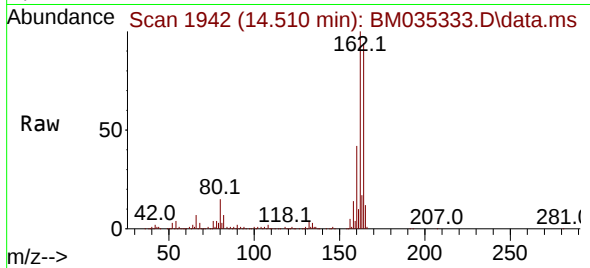




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

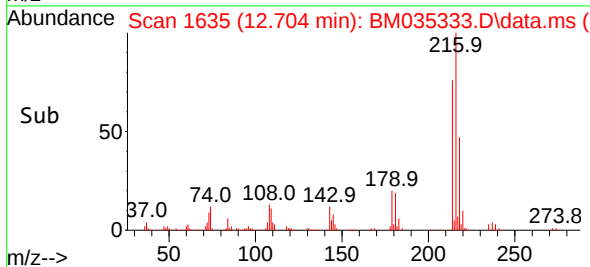
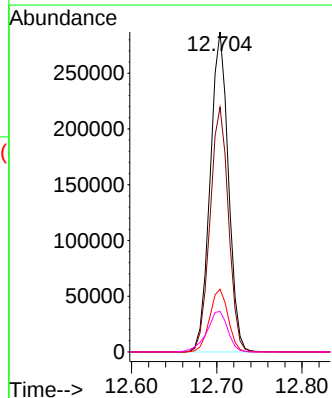
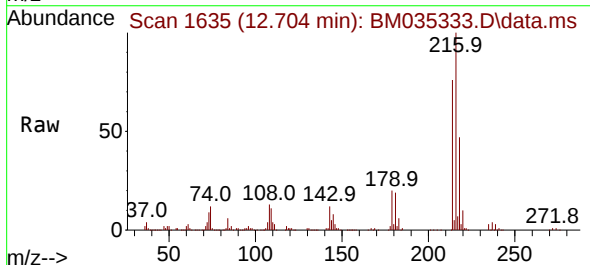
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

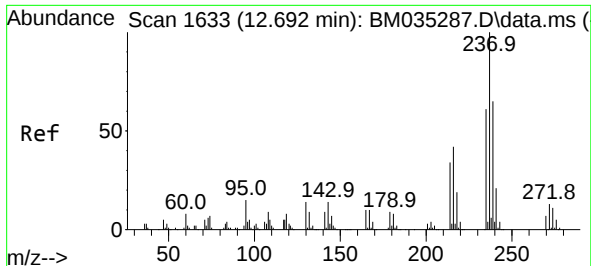
Tgt Ion:164 Resp: 247182
Ion Ratio Lower Upper
164 100
162 106.5 83.0 124.6
160 44.5 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.851 ng
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:216 Resp: 426268
Ion Ratio Lower Upper
216 100
214 77.3 62.6 94.0
179 19.8 18.2 27.2
108 14.5 17.0 25.6#

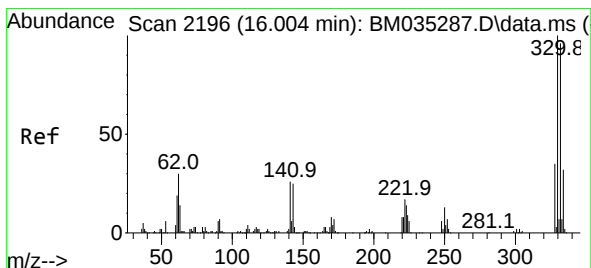
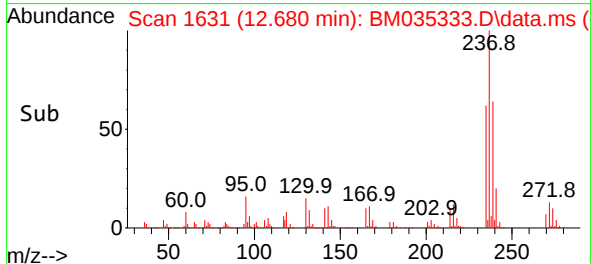
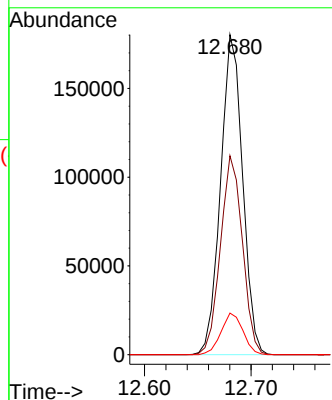
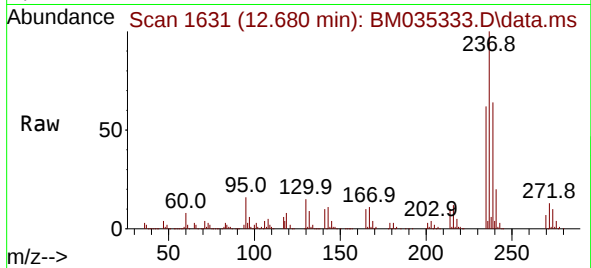




#41
Hexachlorocyclopentadiene
Concen: 55.617 ng
RT: 12.680 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

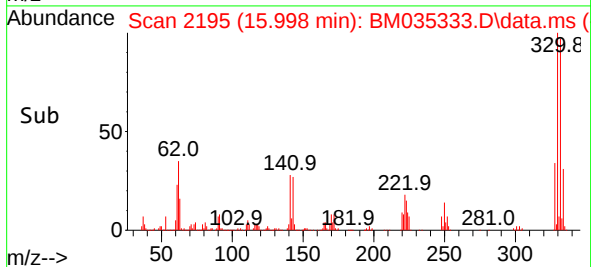
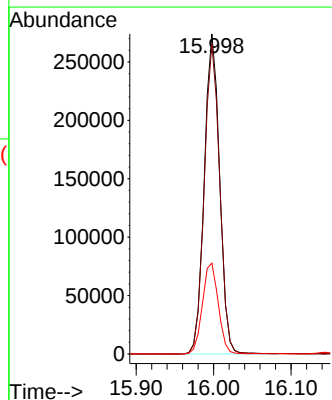
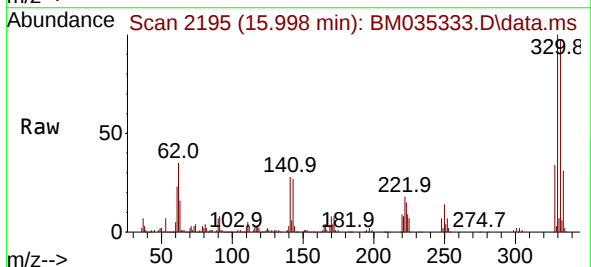
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

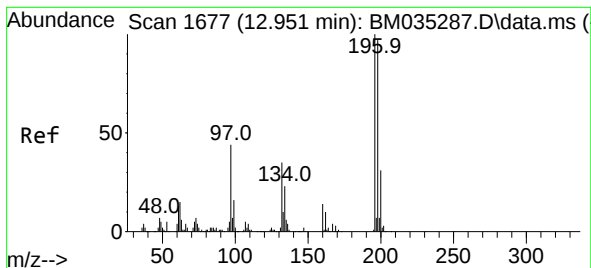
Tgt Ion:237 Resp: 258480
Ion Ratio Lower Upper
237 100
235 62.1 43.8 83.8
272 13.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 117.370 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:330 Resp: 376366
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 29.3 35.3 52.9#





#43

2,4,6-Trichlorophenol

Concen: 52.095 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

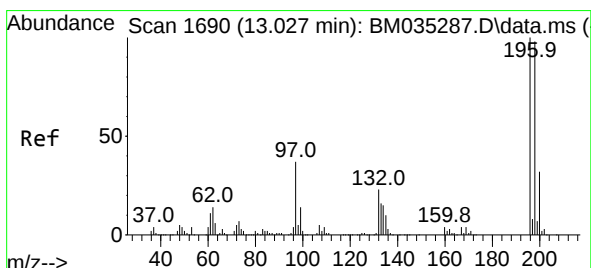
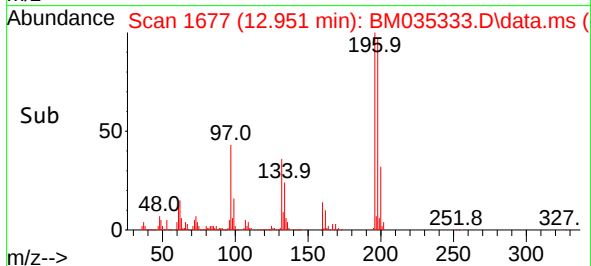
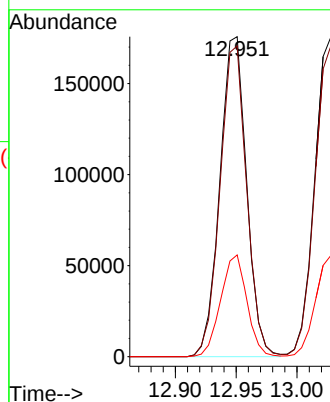
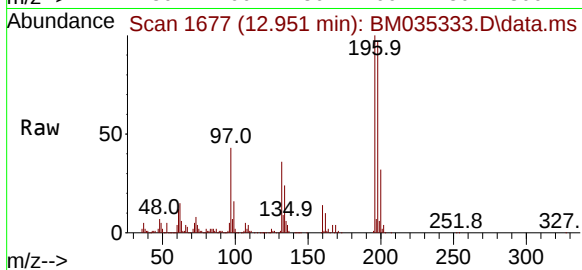
Tgt Ion:196 Resp: 268726

Ion Ratio Lower Upper

196 100

198 97.1 75.8 113.6

200 31.8 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 52.335 ng

RT: 13.027 min Scan# 1690

Delta R.T. -0.000 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Tgt Ion:196 Resp: 287162

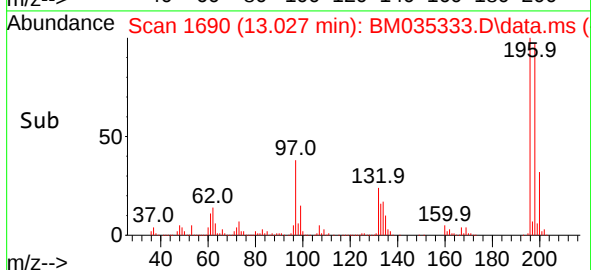
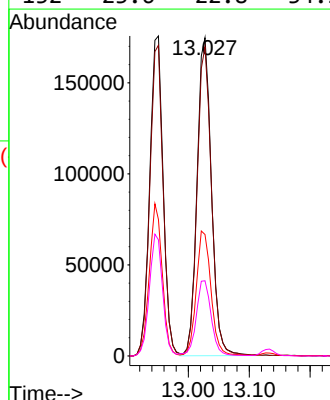
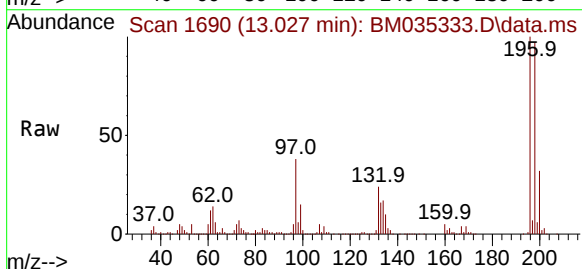
Ion Ratio Lower Upper

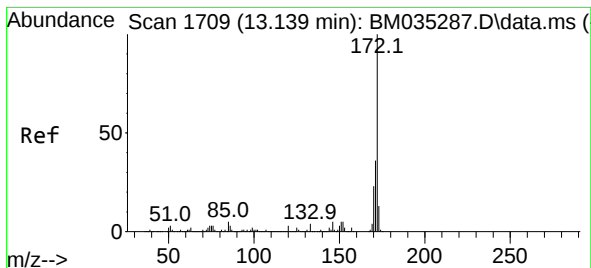
196 100

198 97.1 77.8 116.6

97 38.1 43.4 65.2#

132 23.6 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 73.330 ng

RT: 13.133 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

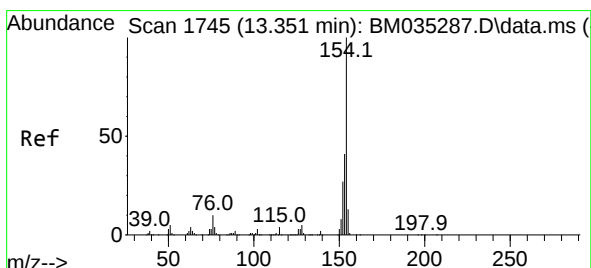
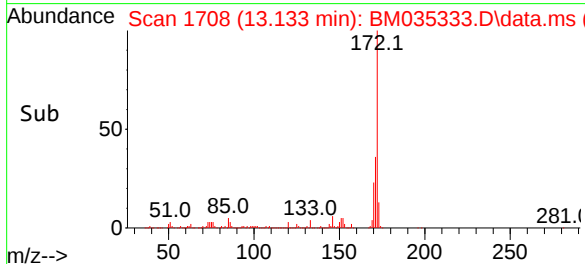
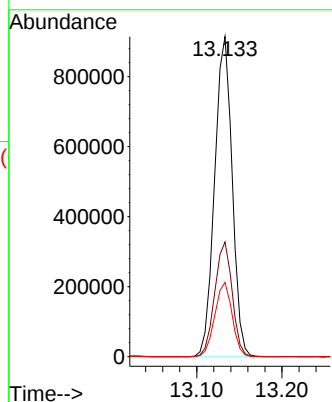
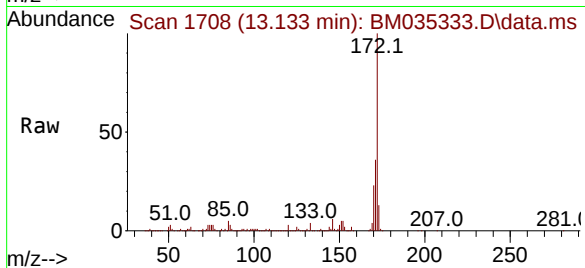
Tgt Ion:172 Resp: 1307069

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 49.839 ng

RT: 13.345 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

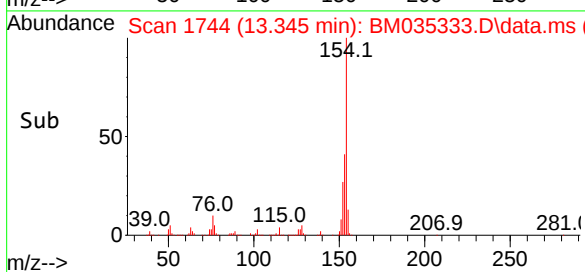
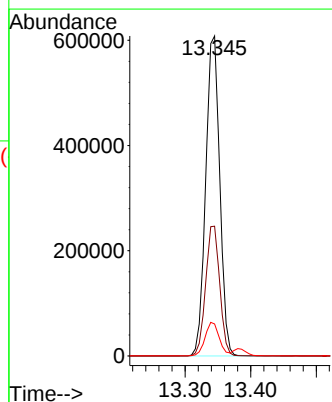
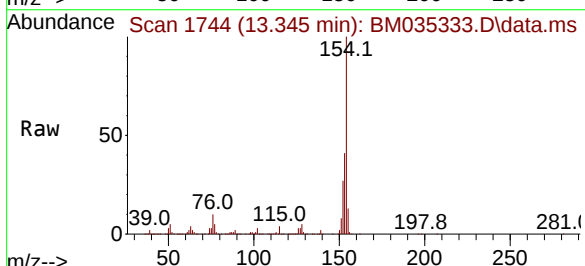
Tgt Ion:154 Resp: 907703

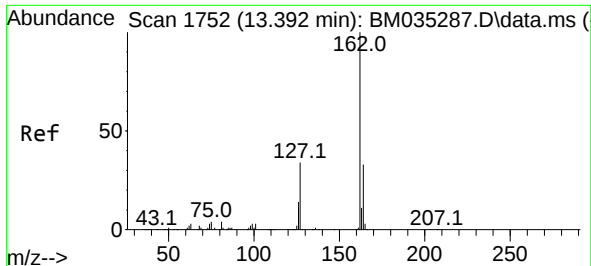
Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

76 10.0 0.0 31.8

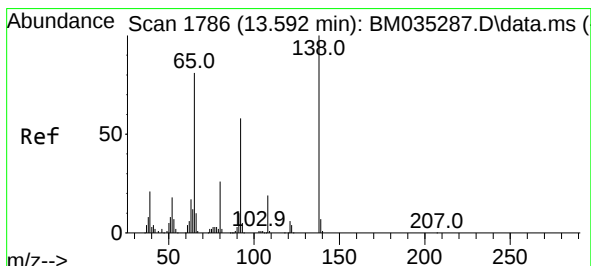
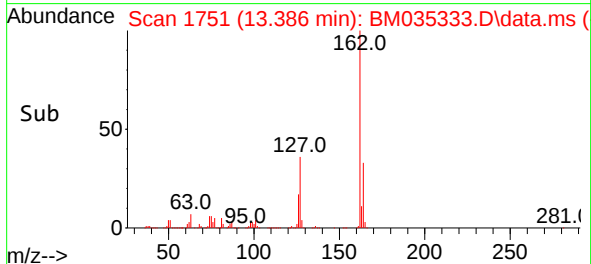
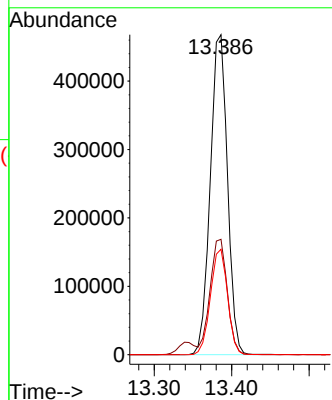
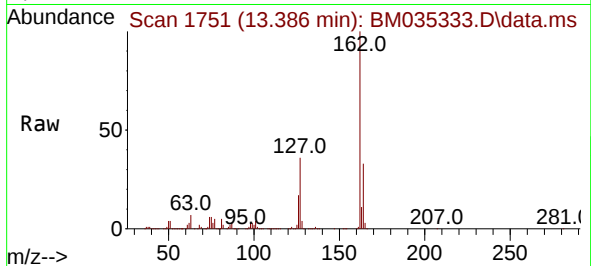




#47
2-Chloronaphthalene
Concen: 50.976 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

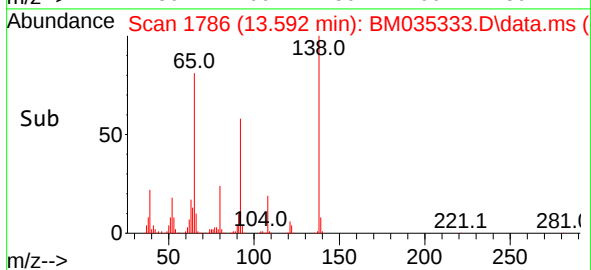
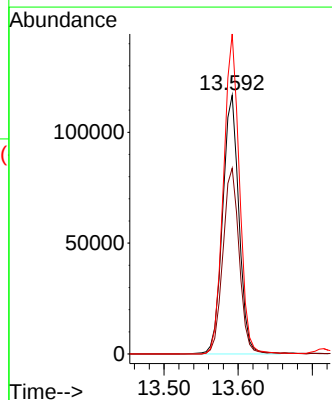
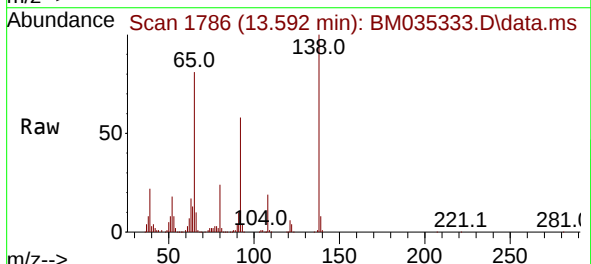
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

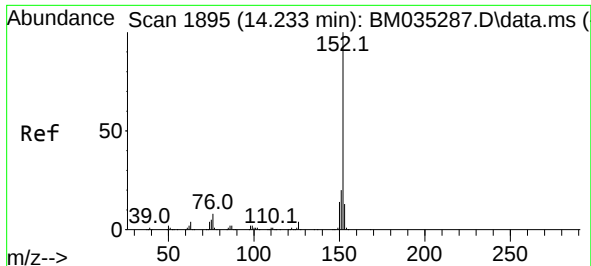
Tgt Ion:162 Resp: 719846
Ion Ratio Lower Upper
162 100
127 36.0 30.6 45.8
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 50.741 ng
RT: 13.592 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion: 65 Resp: 178787
Ion Ratio Lower Upper
65 100
92 71.8 53.7 80.5
138 123.7 83.9 125.9

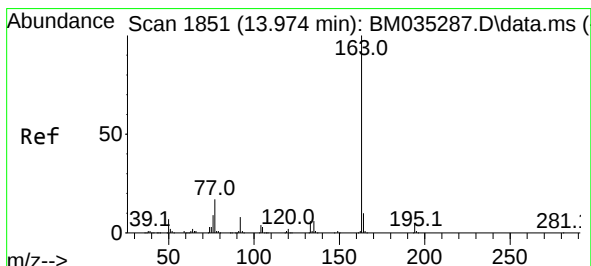
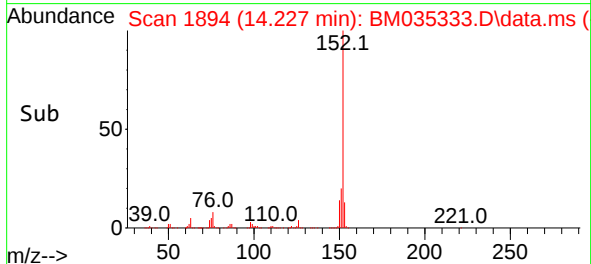
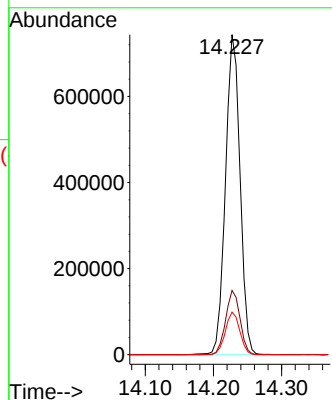
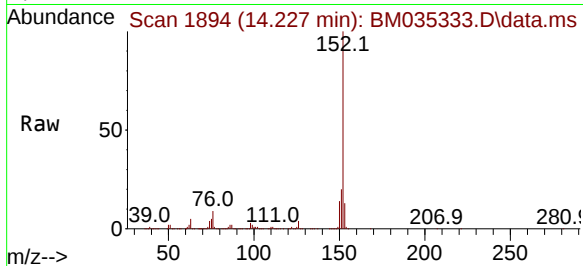




#49
Acenaphthylene
Concen: 52.517 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

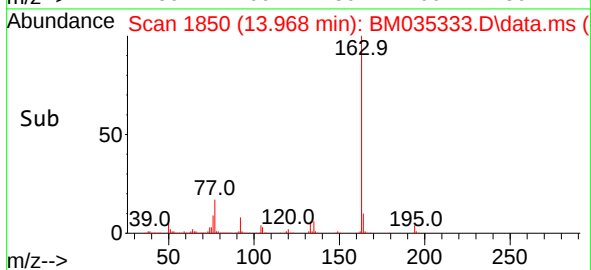
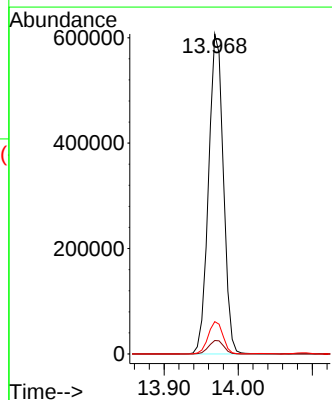
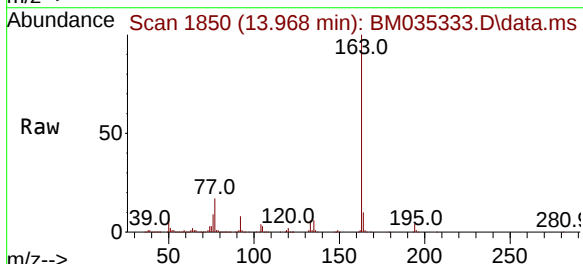
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

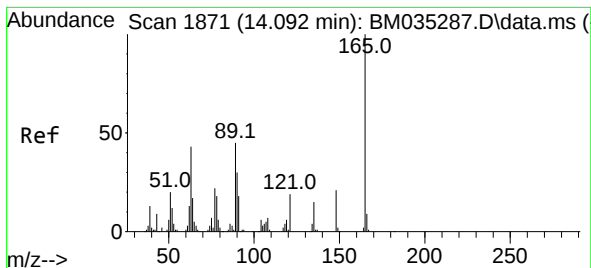
Tgt Ion:152 Resp: 1105758
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 48.041 ng
RT: 13.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:163 Resp: 842135
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.1 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 53.138 ng

RT: 14.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035333.D

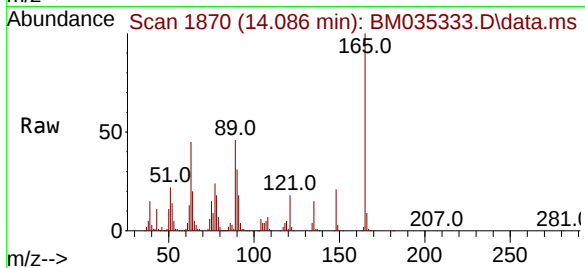
Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD



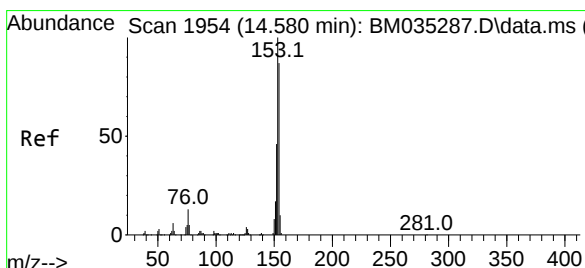
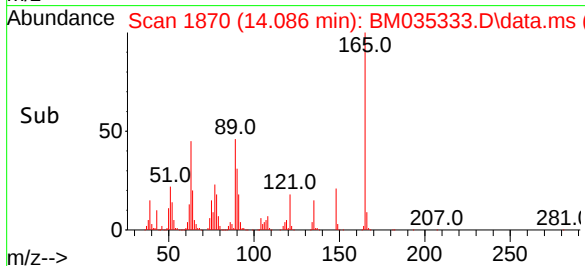
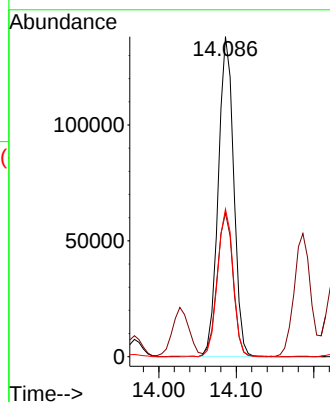
Tgt Ion:165 Resp: 191215

Ion Ratio Lower Upper

165 100

63 44.8 50.2 75.2#

89 46.1 48.4 72.6#



#52

Acenaphthene

Concen: 49.708 ng

RT: 14.574 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

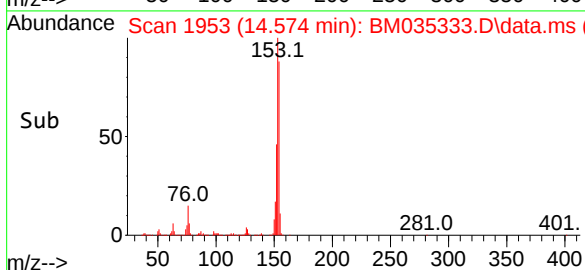
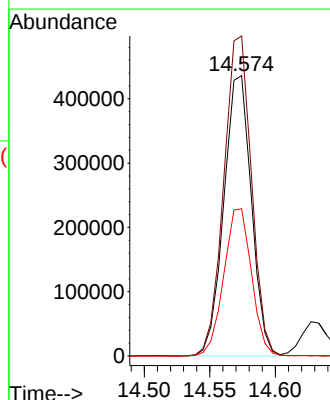
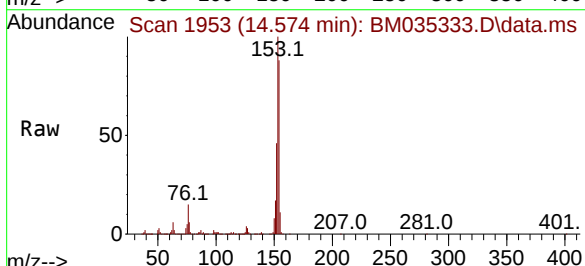
Tgt Ion:154 Resp: 637373

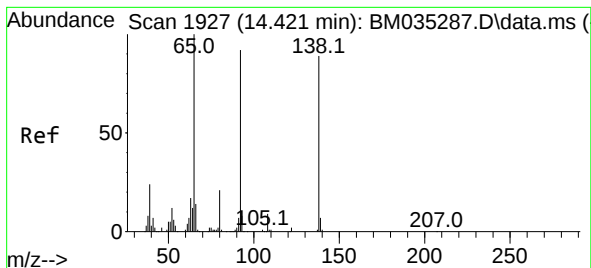
Ion Ratio Lower Upper

154 100

153 114.1 91.0 136.6

152 52.5 43.4 65.2

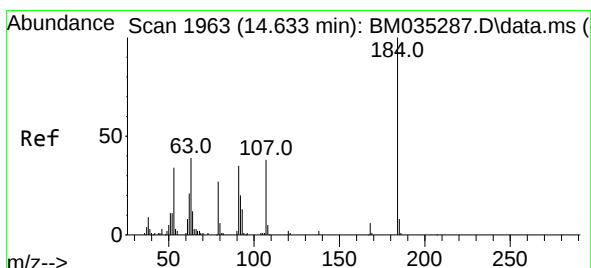
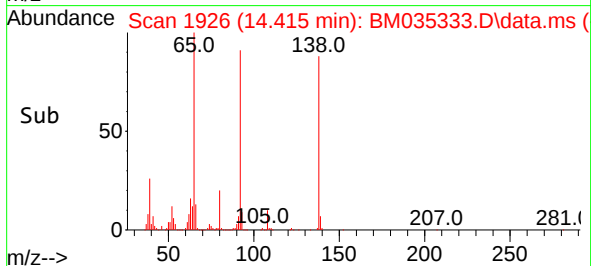
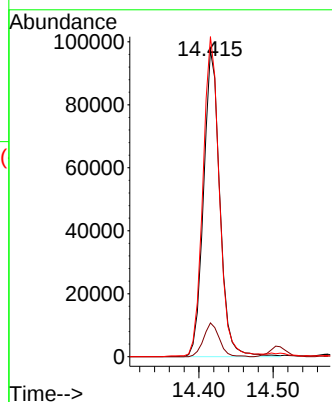
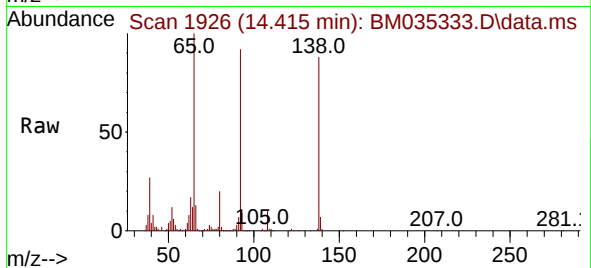




#53
3-Nitroaniline
Concen: 41.723 ng
RT: 14.415 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

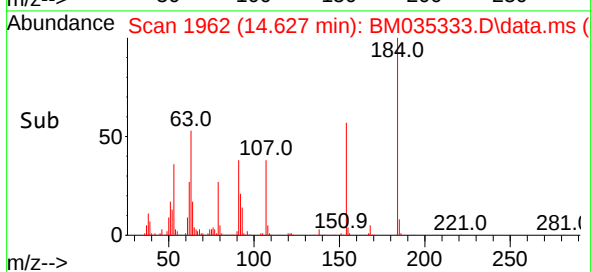
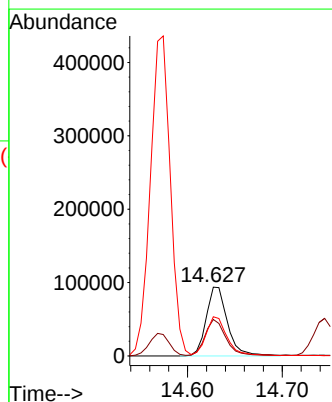
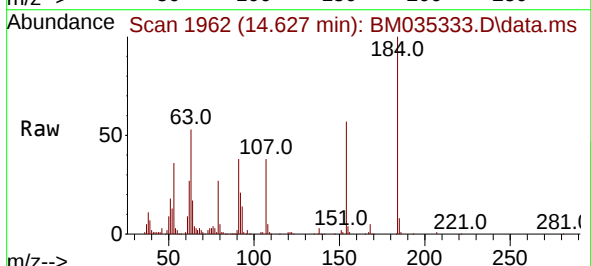
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

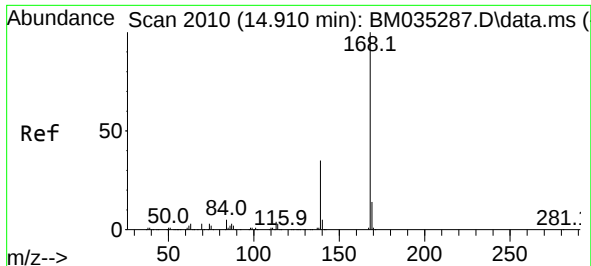
Tgt Ion:138 Resp: 148744
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 104.4 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 63.661 ng
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:184 Resp: 146321
Ion Ratio Lower Upper
184 100
63 53.1 59.5 89.3#
154 56.9 55.6 83.4

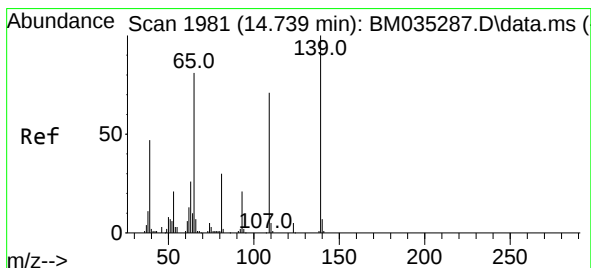
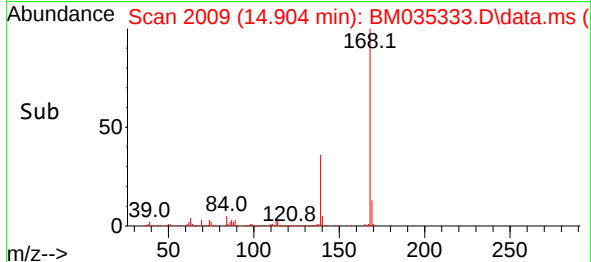
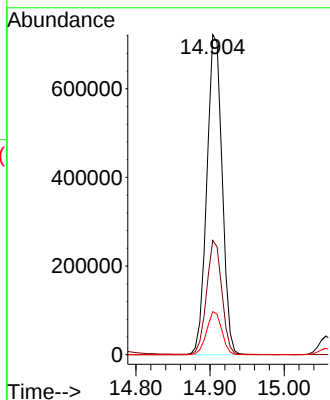
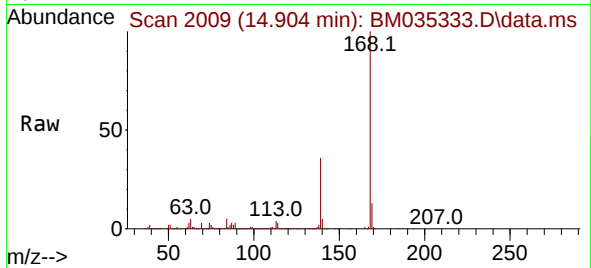




#55
Dibenzenofuran
Concen: 47.967 ng
RT: 14.904 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

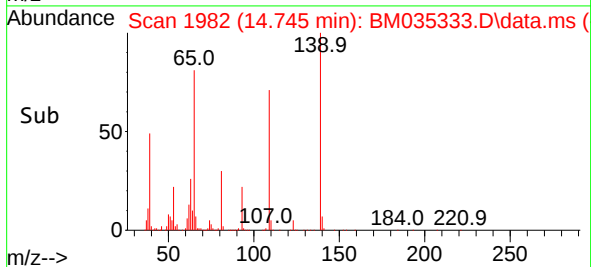
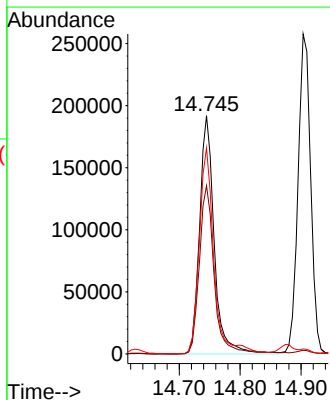
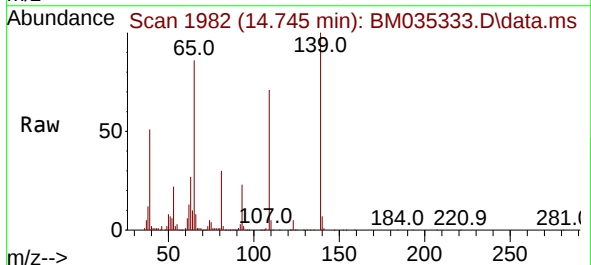
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

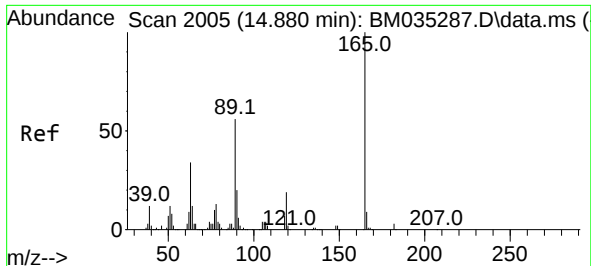
Tgt Ion:168 Resp: 1035885
Ion Ratio Lower Upper
168 100
139 35.7 32.2 48.2
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 116.371 ng
RT: 14.745 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:139 Resp: 319846
Ion Ratio Lower Upper
139 100
109 70.6 62.5 102.5
65 86.5 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 53.803 ng

RT: 14.880 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM035333.D

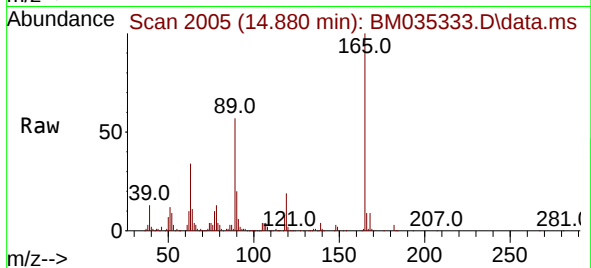
Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD



Tgt Ion:165 Resp: 259706

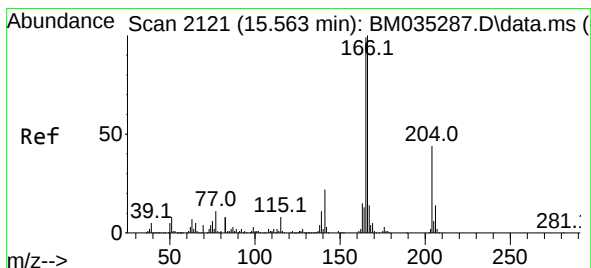
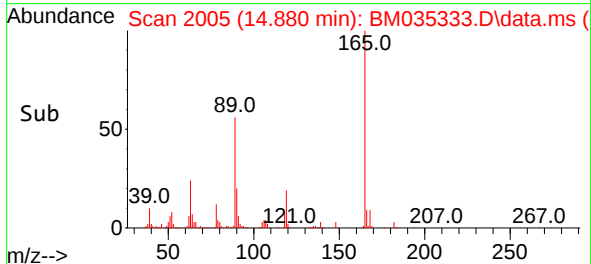
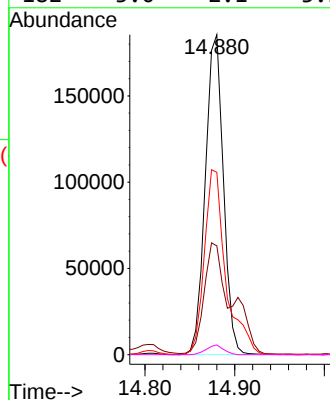
Ion Ratio Lower Upper

165 100

63 34.0 35.6 53.4#

89 57.0 57.3 85.9#

182 3.0 2.1 3.1



#58

Fluorene

Concen: 49.622 ng

RT: 15.557 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

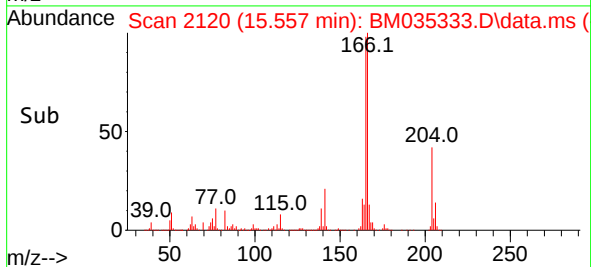
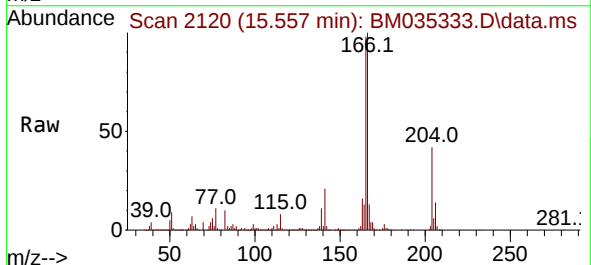
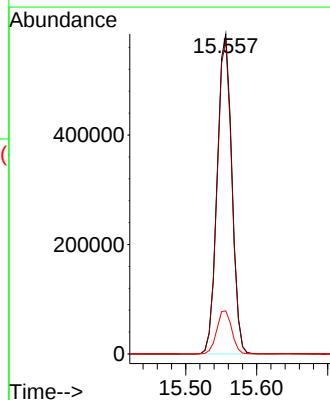
Tgt Ion:166 Resp: 835525

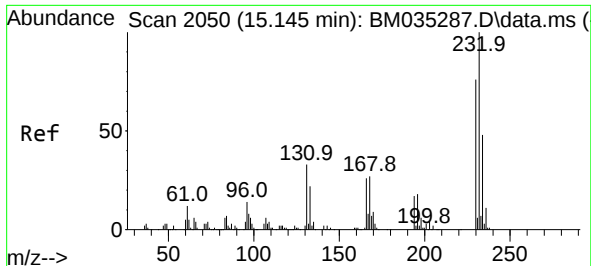
Ion Ratio Lower Upper

166 100

165 97.8 79.4 119.2

167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.134 ng

RT: 15.139 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BM035333.D

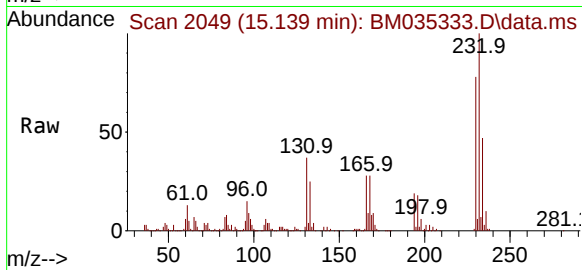
Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:232 Resp: 248326

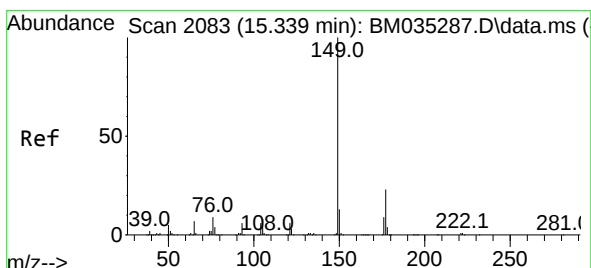
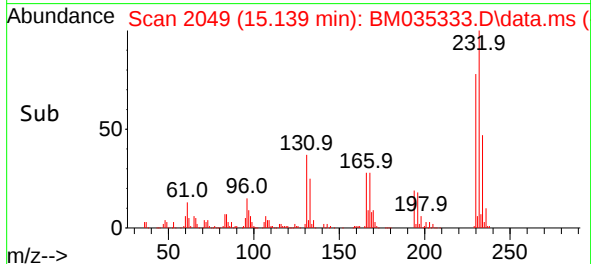
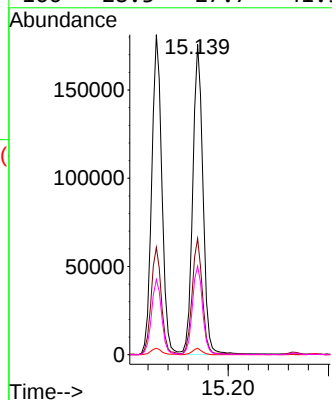
Ion Ratio Lower Upper

232 100

131 36.9 41.0 61.6#

130 1.9 2.3 3.5#

166 28.3 27.7 41.5



#60

Diethylphthalate

Concen: 48.093 ng

RT: 15.333 min Scan# 2082

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

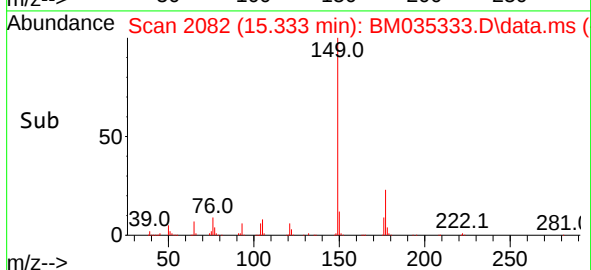
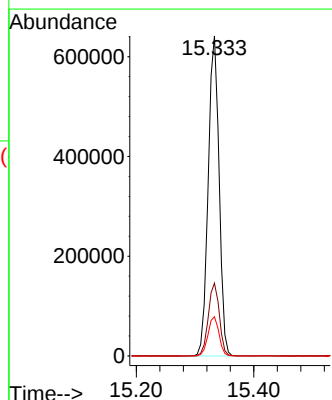
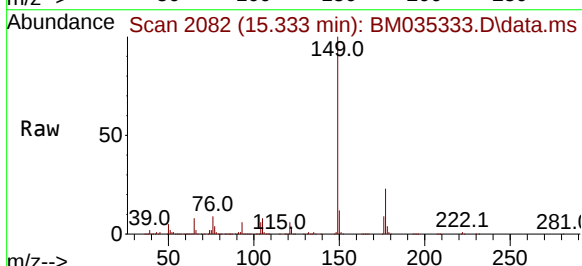
Tgt Ion:149 Resp: 823686

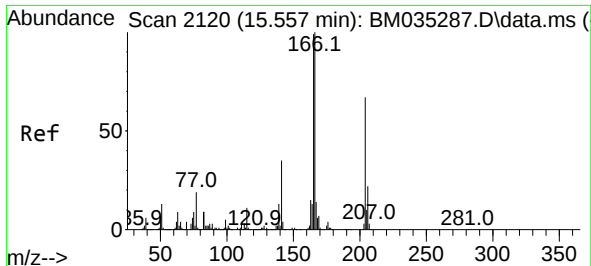
Ion Ratio Lower Upper

149 100

177 22.8 16.9 25.3

150 12.2 10.1 15.1

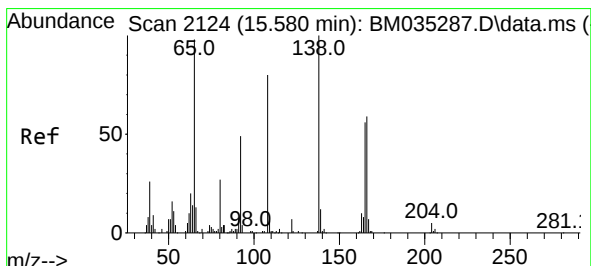
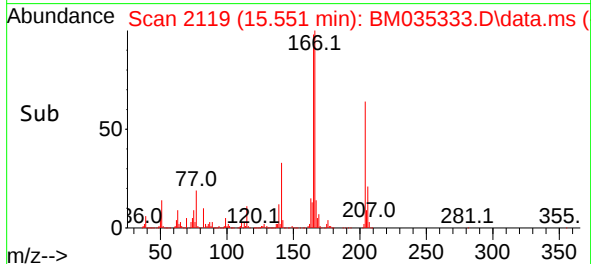
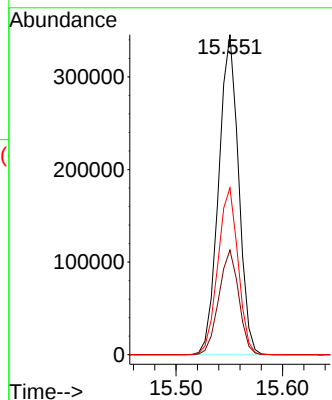
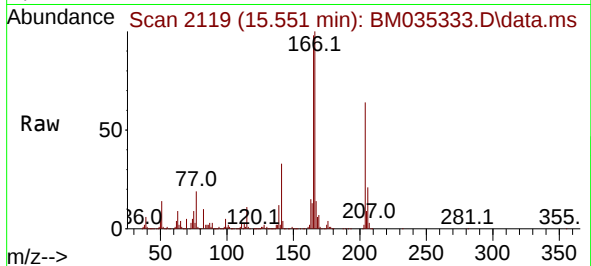




#61
4-Chlorophenyl-phenylether
Concen: 48.770 ng
RT: 15.551 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

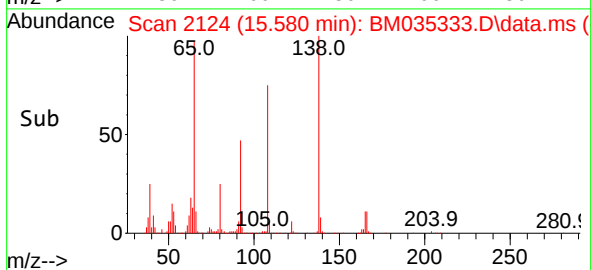
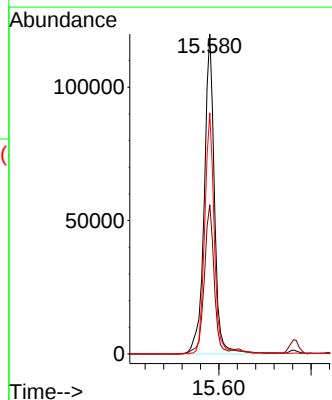
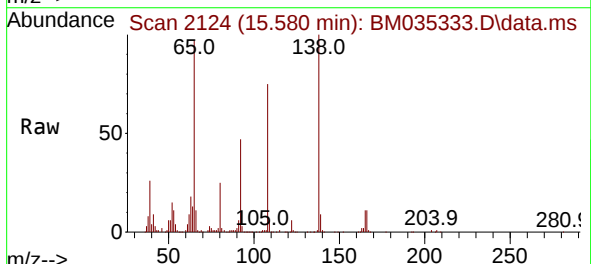
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

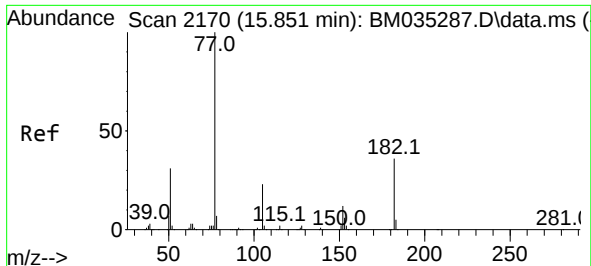
Tgt Ion:204 Resp: 447095
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 52.1 51.2 76.8



#62
4-Nitroaniline
Concen: 51.724 ng
RT: 15.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:138 Resp: 186242
Ion Ratio Lower Upper
138 100
92 46.7 30.8 70.8
108 75.4 65.7 105.7

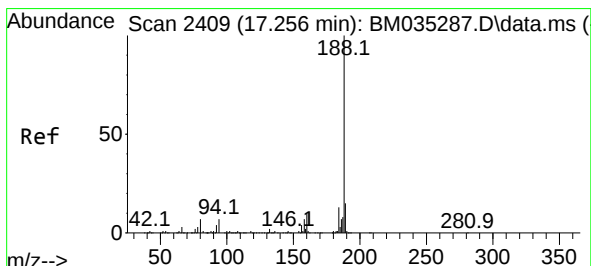
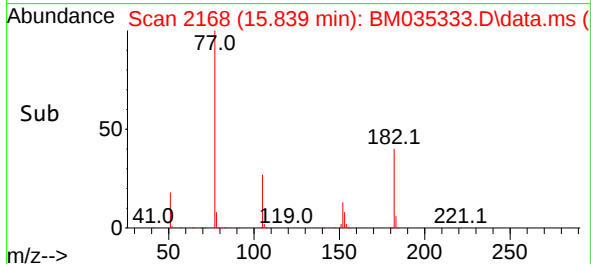
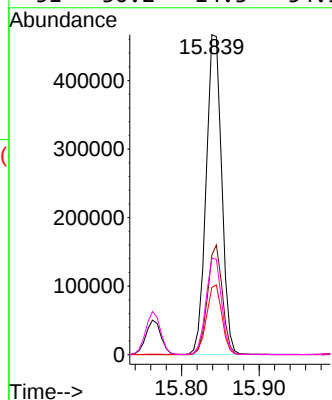
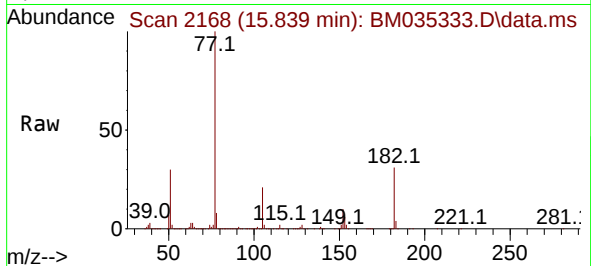




#63
Azobenzene
Concen: 44.758 ng
RT: 15.839 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

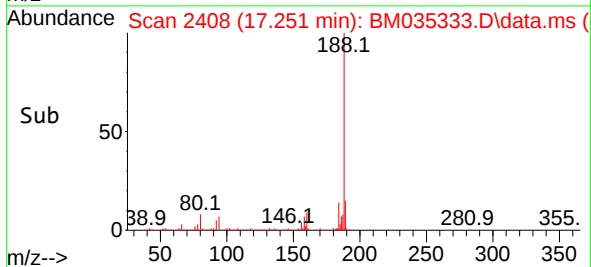
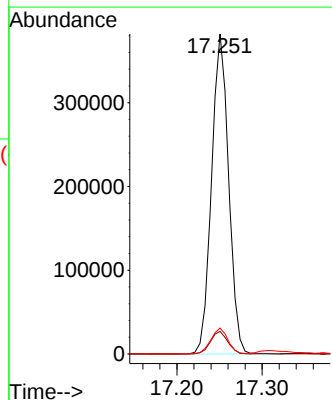
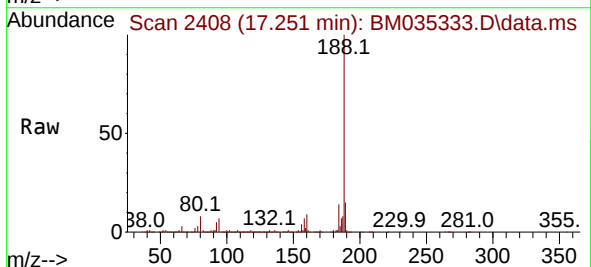
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

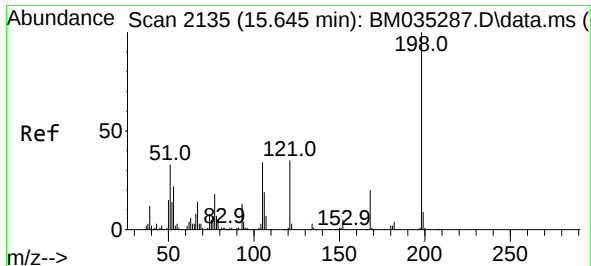
Tgt Ion: 77	Resp: 648538
Ion Ratio	Lower Upper
77 100	
182 31.1	4.9 44.9
105 21.1	0.0 39.6
51 30.2	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:188	Resp: 531683		
Ion Ratio	Lower	Upper	
188 100			
94 7.0	7.0	10.4	
80 8.1	7.6	11.4	

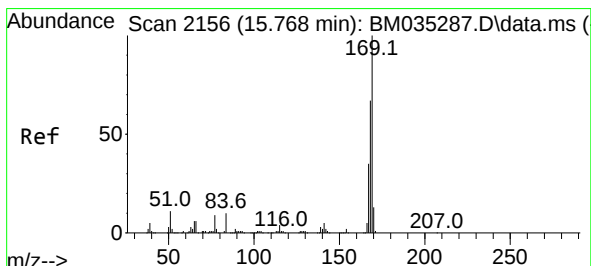
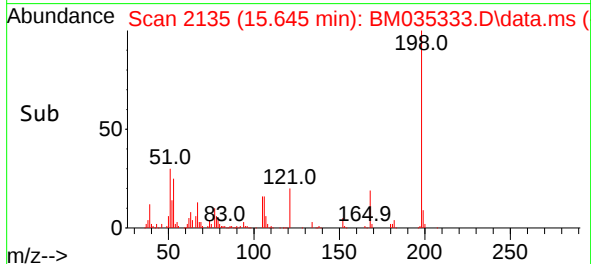
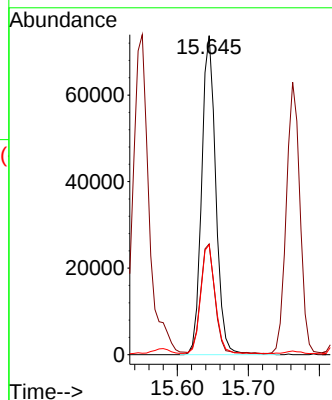
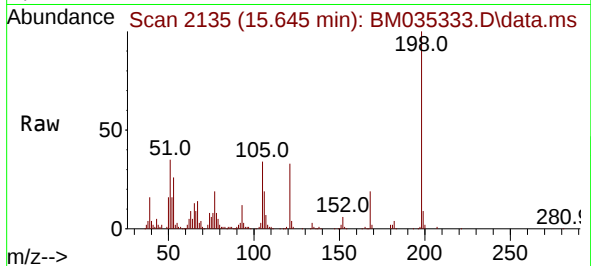




#65
4,6-Dinitro-2-methylphenol
Concen: 30.727 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

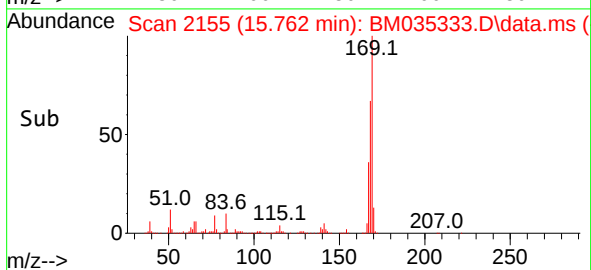
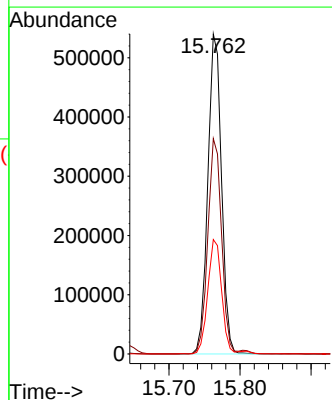
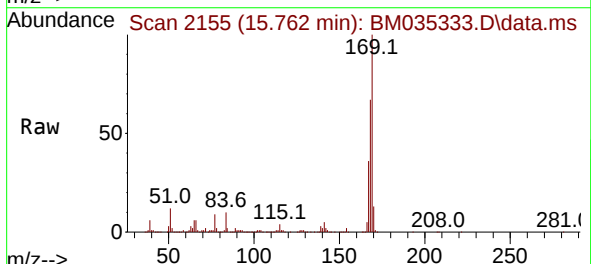
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

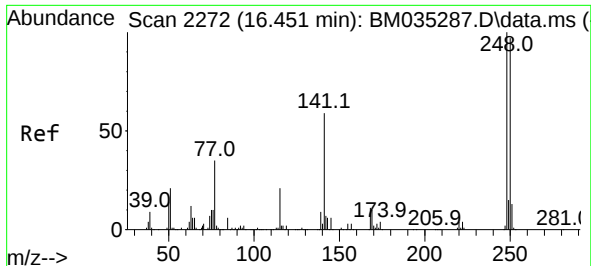
Tgt Ion:198 Resp: 102461
Ion Ratio Lower Upper
198 100
51 34.7 29.0 69.0
105 34.4 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 47.213 ng
RT: 15.762 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:169 Resp: 722970
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 35.7 29.4 44.0

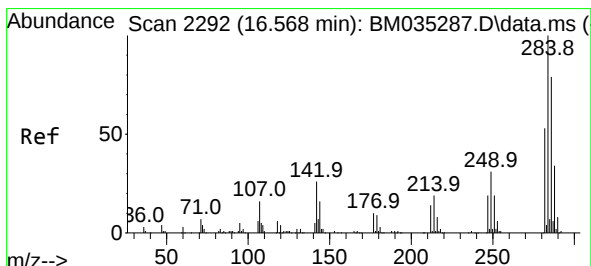
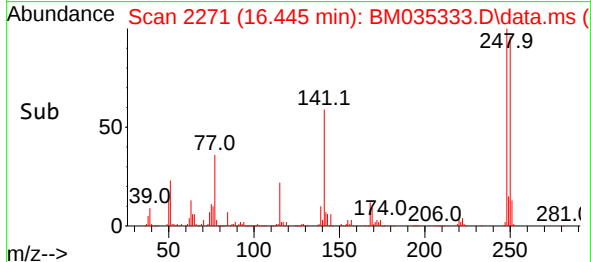
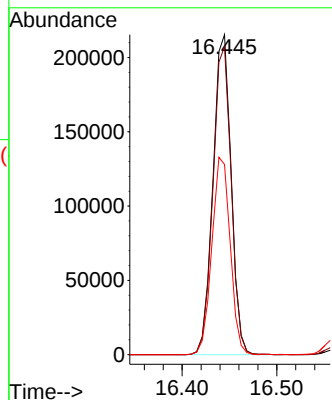
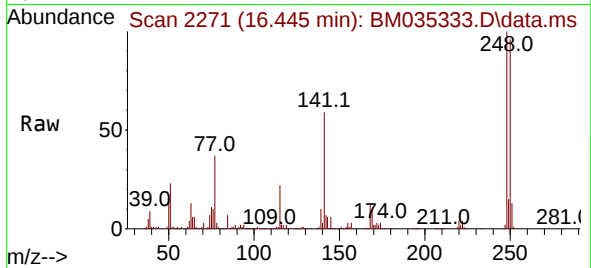




#67
4-Bromophenyl-phenylether
Concen: 48.238 ng
RT: 16.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

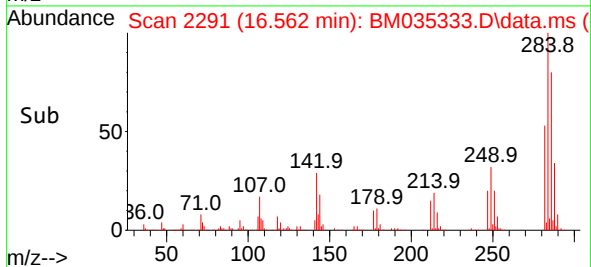
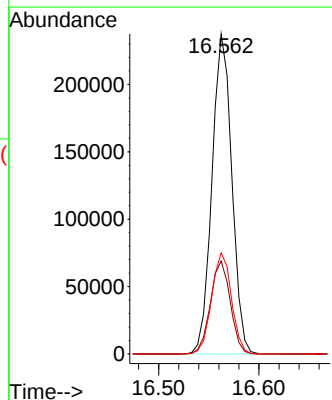
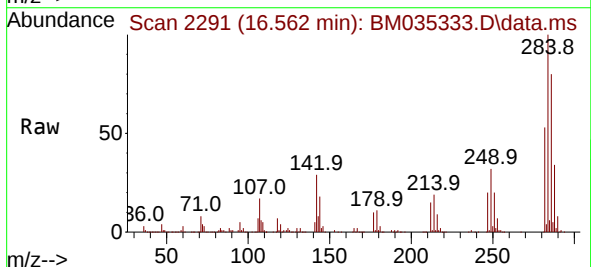
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

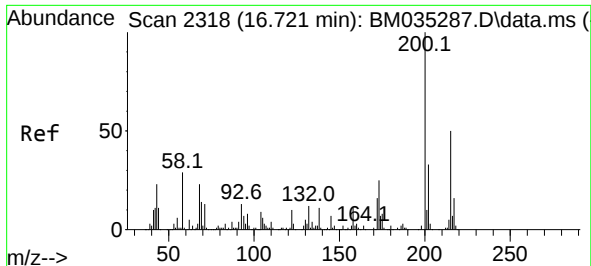
Tgt Ion:248 Resp: 286768
Ion Ratio Lower Upper
248 100
250 96.3 78.0 117.0
141 59.5 66.0 99.0#



#68
Hexachlorobenzene
Concen: 49.269 ng
RT: 16.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:284 Resp: 326281
Ion Ratio Lower Upper
284 100
142 29.1 33.6 50.4#
249 31.6 26.2 39.2

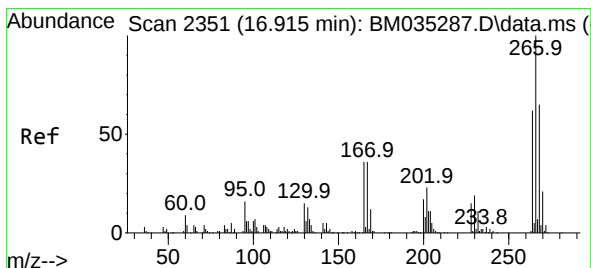
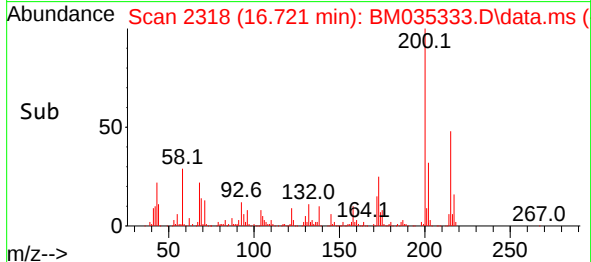
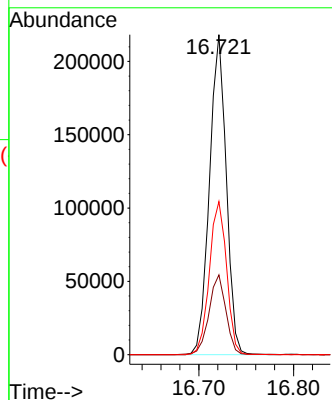
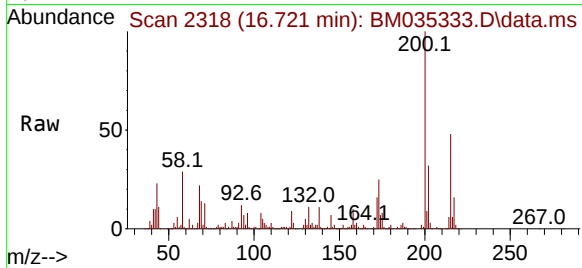




#69
 Atrazine
 Concen: 52.572 ng
 RT: 16.721 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035333.D
 Acq: 31 May 2022 19:46

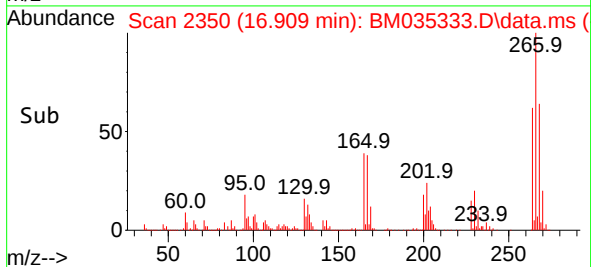
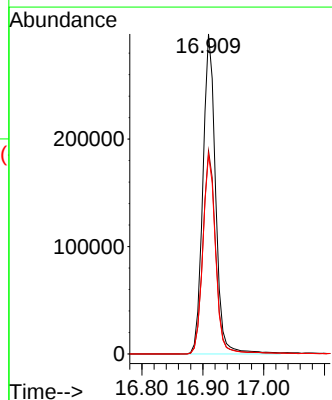
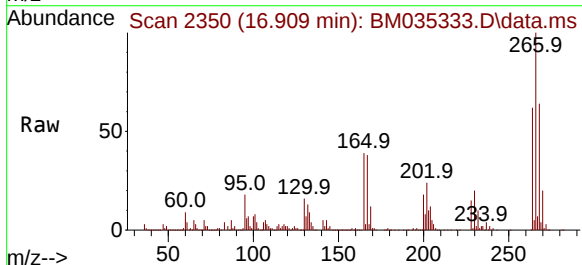
Instrument :
 BNA_M
 ClientSampleId :
 P037-SS001-1218-01MSD

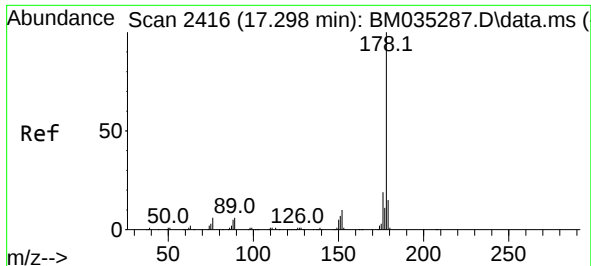
Tgt Ion:200 Resp: 267957
 Ion Ratio Lower Upper
 200 100
 173 25.0 6.6 46.6
 215 47.8 26.2 66.2



#70
 Pentachlorophenol
 Concen: 113.000 ng
 RT: 16.909 min Scan# 2350
 Delta R.T. -0.006 min
 Lab File: BM035333.D
 Acq: 31 May 2022 19:46

Tgt Ion:266 Resp: 432222
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.9 77.9
 264 62.3 50.6 76.0

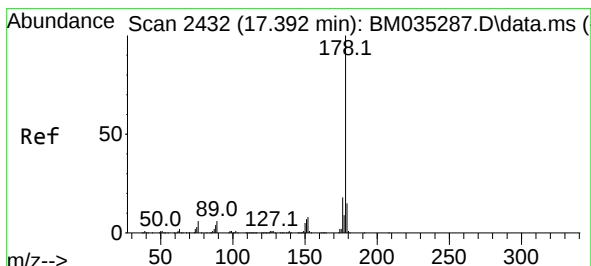
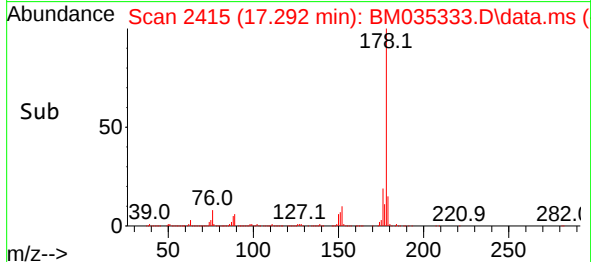
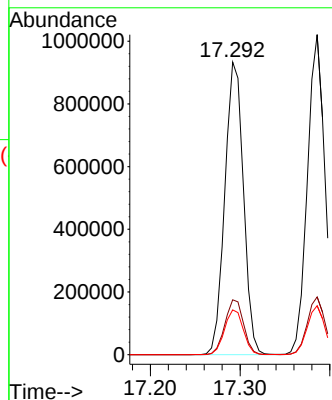
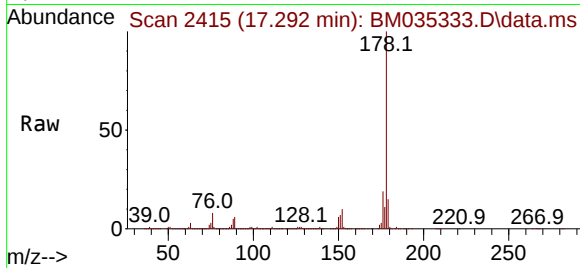




#71
Phenanthrene
Concen: 49.285 ng
RT: 17.292 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

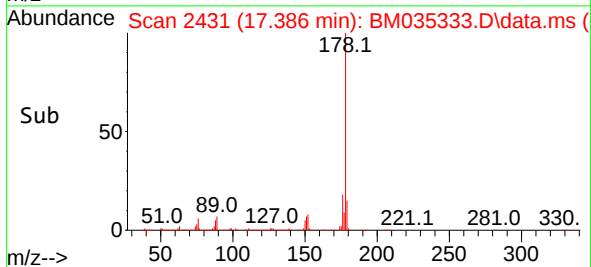
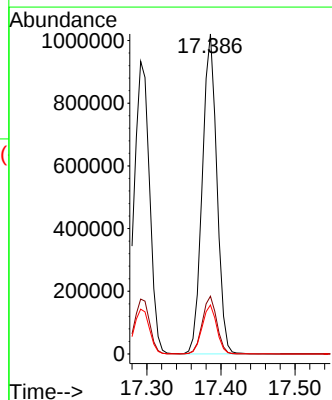
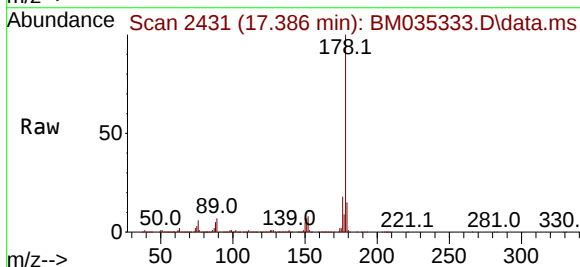
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

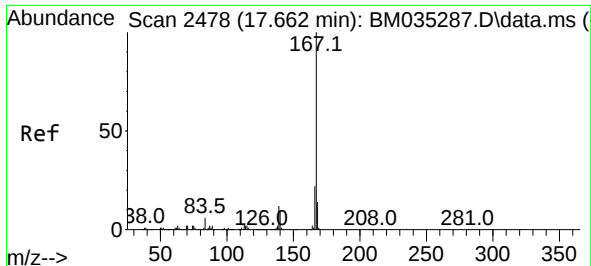
Tgt Ion:178 Resp: 1346312
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 52.219 ng
RT: 17.386 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:178 Resp: 1392447
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.3 12.2 18.2

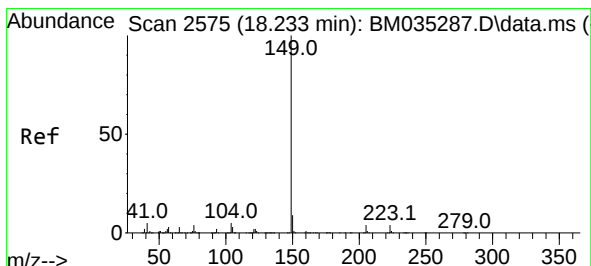
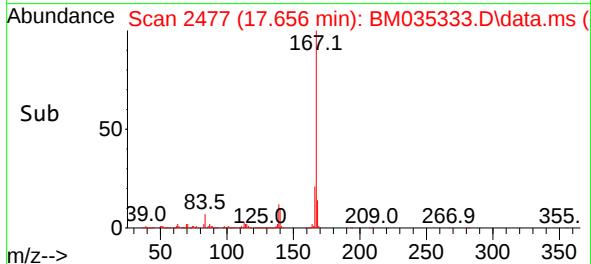
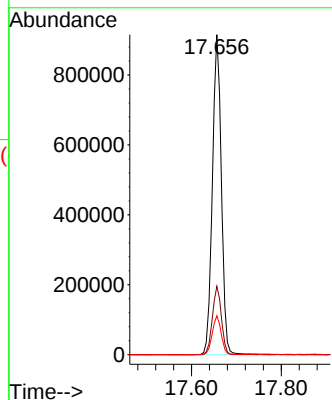
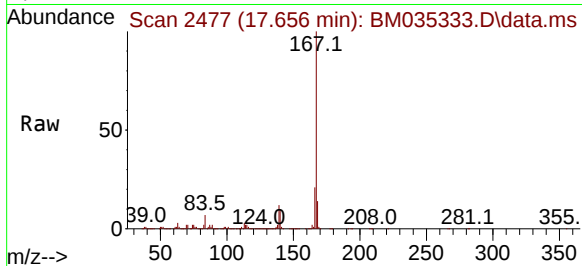




#73
 Carbazole
 Concen: 50.077 ng
 RT: 17.656 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM035333.D
 Acq: 31 May 2022 19:46

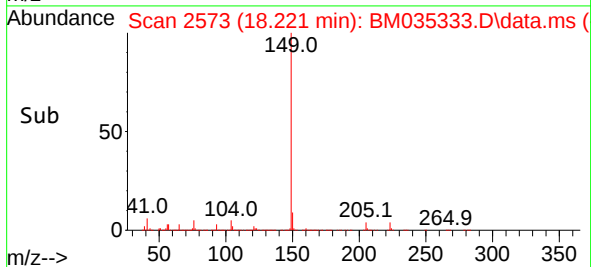
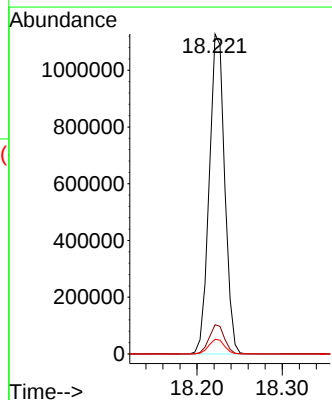
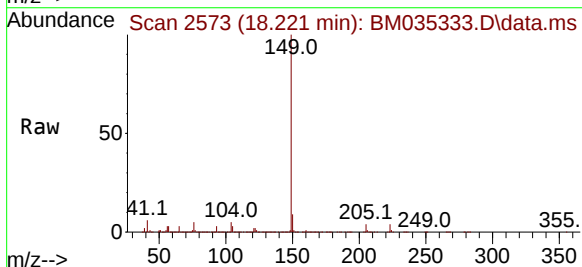
Instrument :
 BNA_M
 ClientSampleId :
 P037-SS001-1218-01MSD

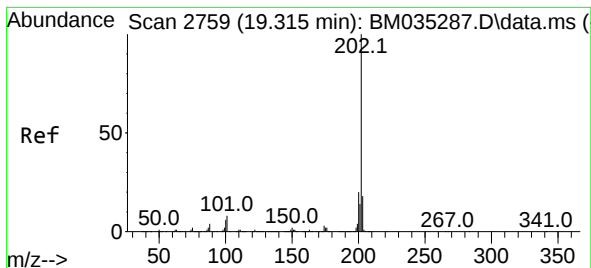
Tgt Ion:167 Resp: 1269887
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.8
 139 12.2 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 48.153 ng
 RT: 18.221 min Scan# 2573
 Delta R.T. -0.012 min
 Lab File: BM035333.D
 Acq: 31 May 2022 19:46

Tgt Ion:149 Resp: 1416808
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.6 4.3 6.5





#75

Fluoranthene

Concen: 55.583 ng

RT: 19.309 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

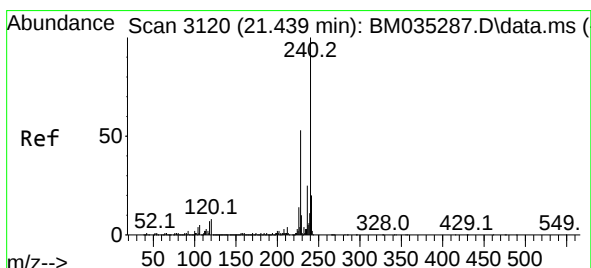
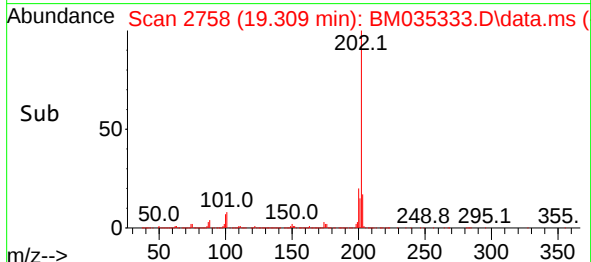
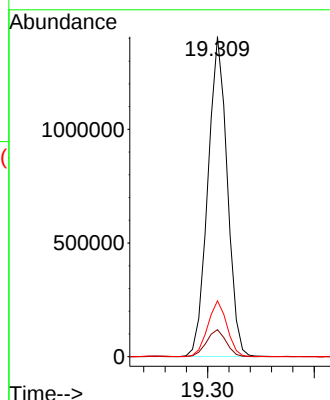
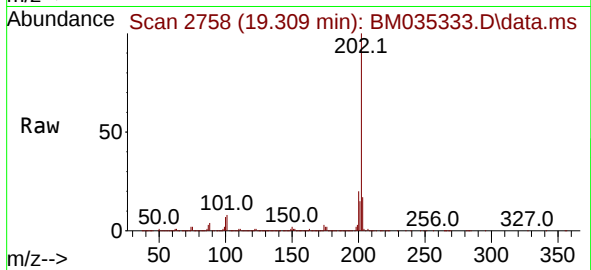
Tgt Ion:202 Resp: 1778423

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.6

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

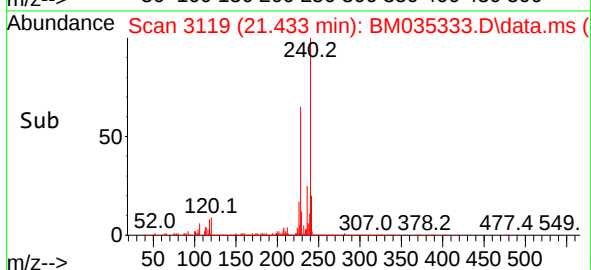
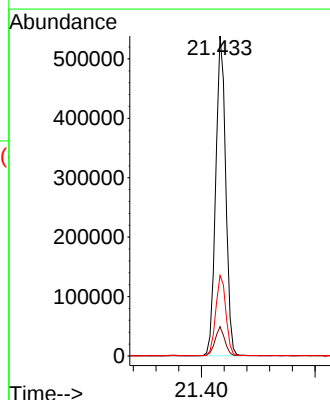
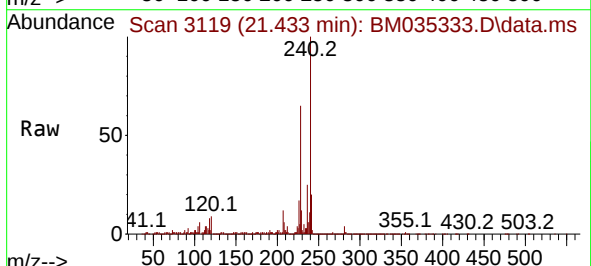
Tgt Ion:240 Resp: 654157

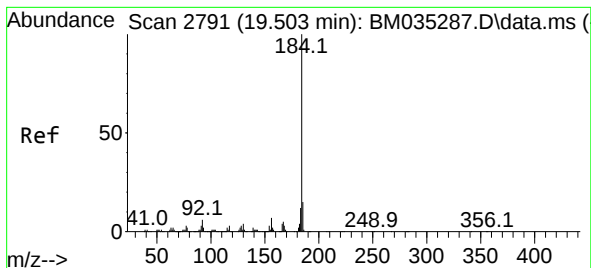
Ion Ratio Lower Upper

240 100

120 9.1 9.4 14.0#

236 25.2 20.6 30.8





#77

Benzidine

Concen: 58.619 ng

RT: 19.497 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

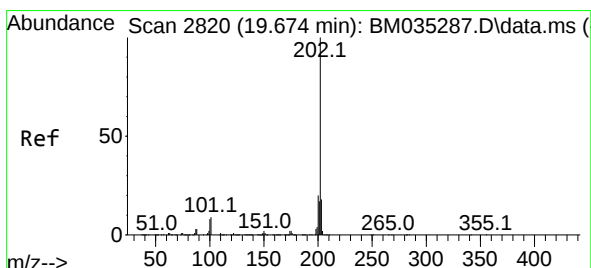
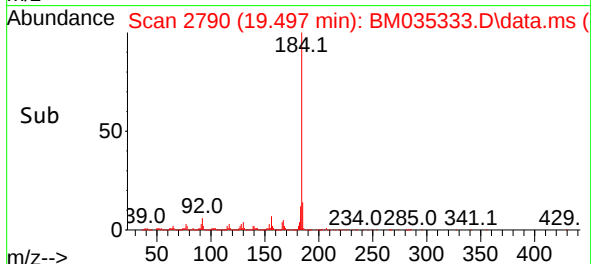
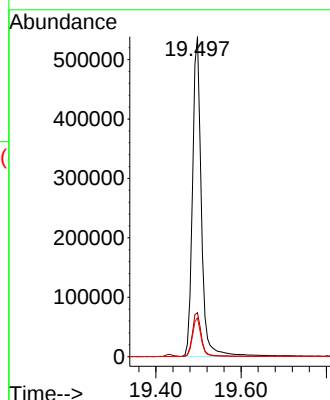
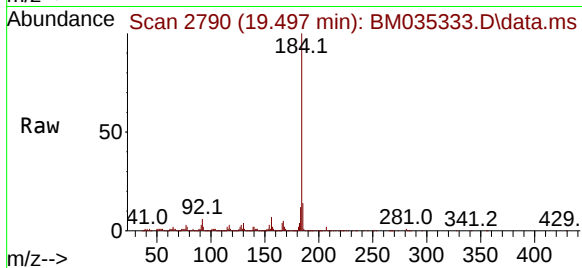
Tgt Ion:184 Resp: 776771

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

183 12.1 9.5 14.3



#78

Pyrene

Concen: 43.366 ng

RT: 19.674 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

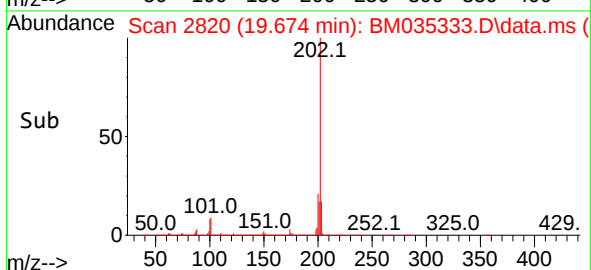
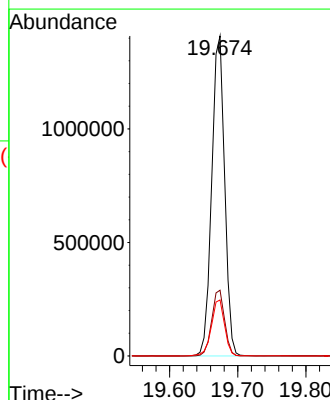
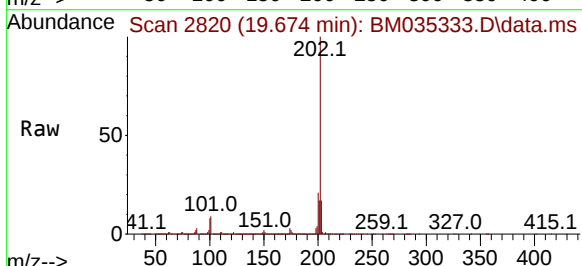
Tgt Ion:202 Resp: 1861149

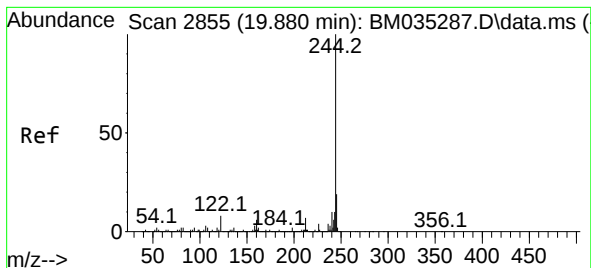
Ion Ratio Lower Upper

202 100

200 20.5 16.7 25.1

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 62.879 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

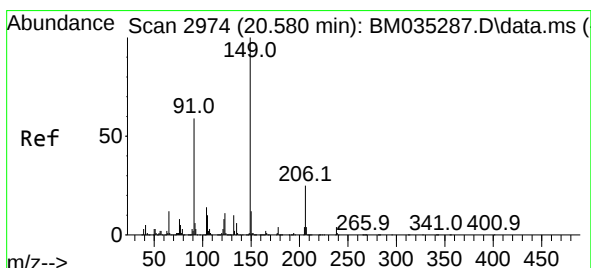
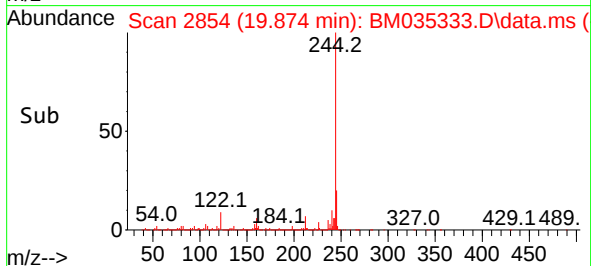
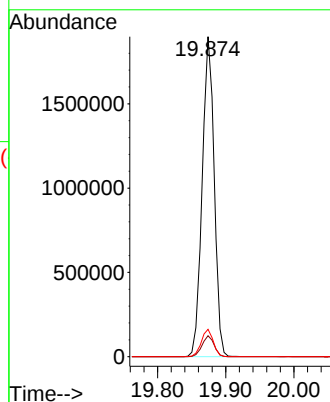
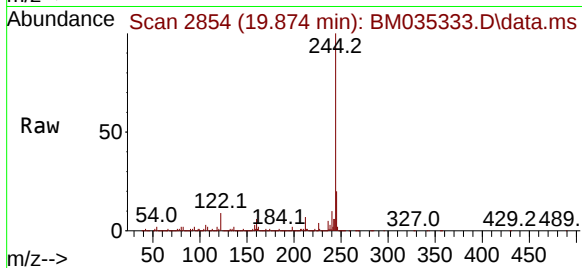
Tgt Ion:244 Resp: 2321270

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.4

122 8.6 8.3 12.5



#80

Butylbenzylphthalate

Concen: 45.246 ng

RT: 20.568 min Scan# 2972

Delta R.T. -0.012 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

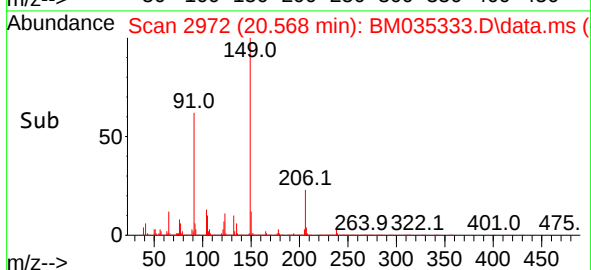
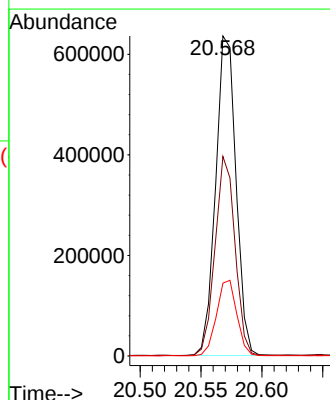
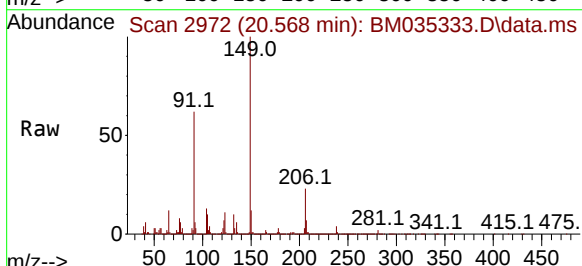
Tgt Ion:149 Resp: 742705

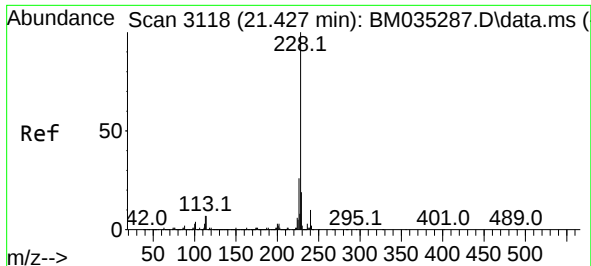
Ion Ratio Lower Upper

149 100

91 62.4 56.6 85.0

206 22.8 15.4 23.0

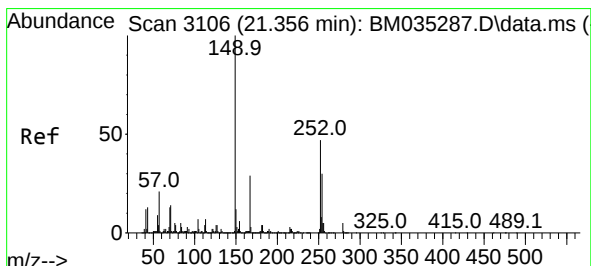
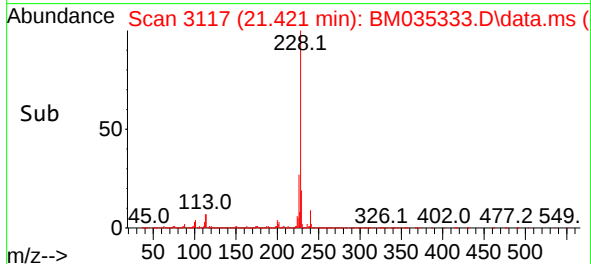
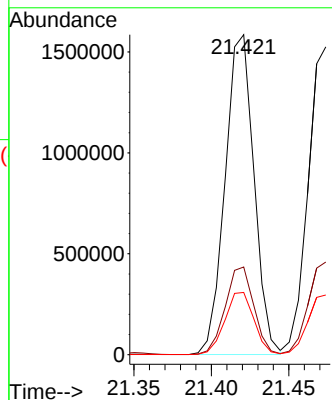
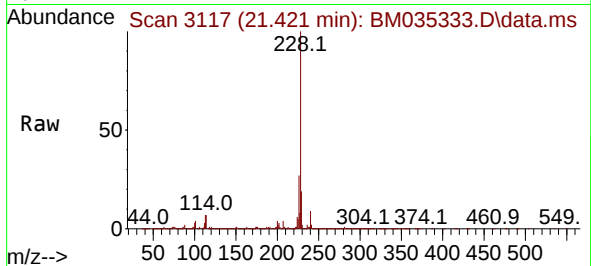




#81
Benzo(a)anthracene
Concen: 49.744 ng
RT: 21.421 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

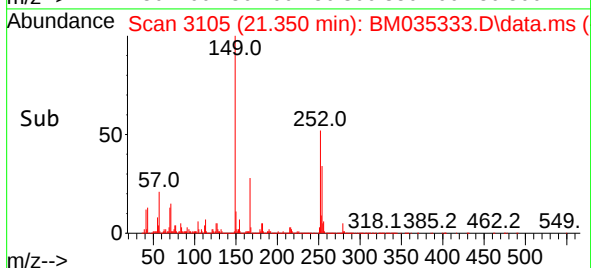
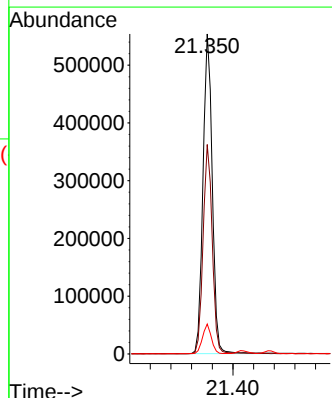
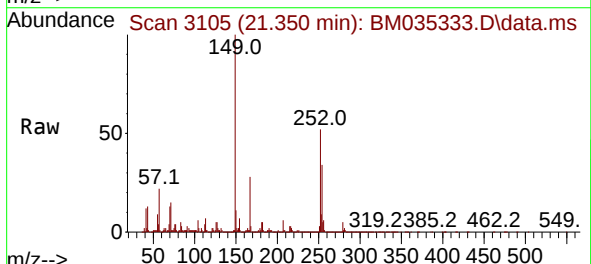
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

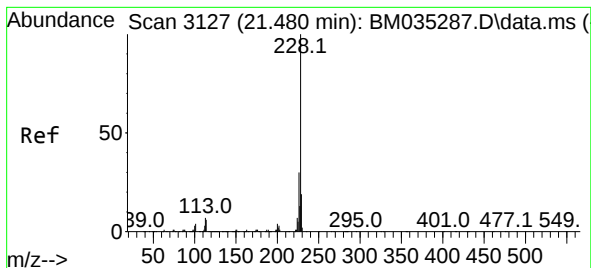
Tgt Ion:228 Resp: 2057794
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 67.379 ng
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:252 Resp: 690091
Ion Ratio Lower Upper
252 100
254 65.4 51.7 77.5
126 9.4 9.4 14.0





#83

Chrysene

Concen: 48.628 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

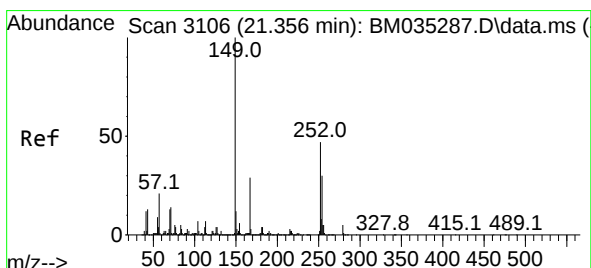
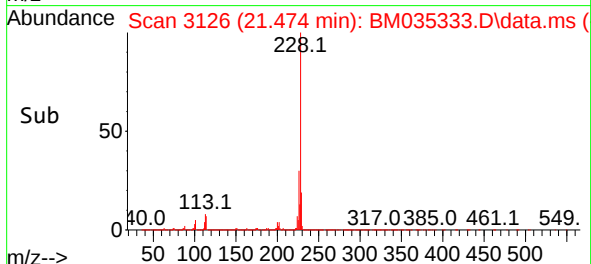
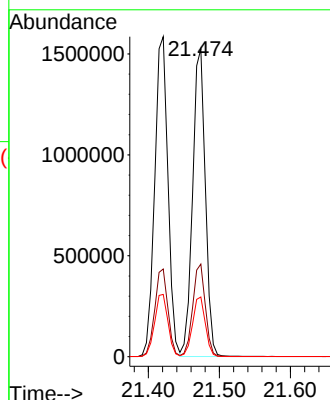
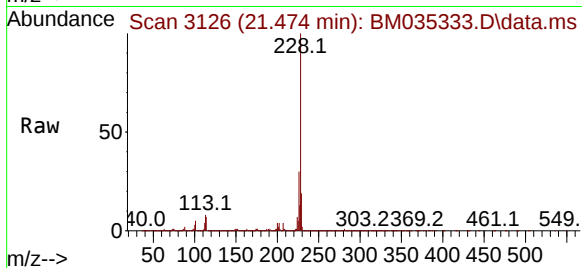
Tgt Ion:228 Resp: 1898900

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.984 ng

RT: 21.350 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

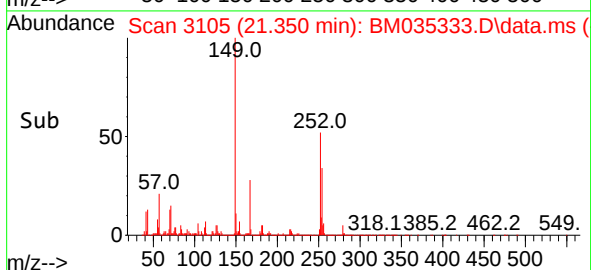
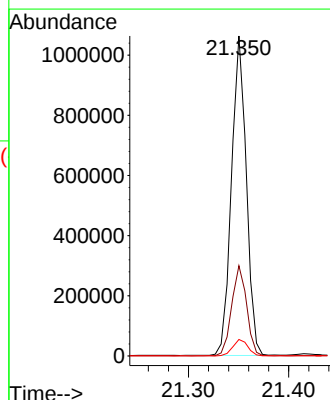
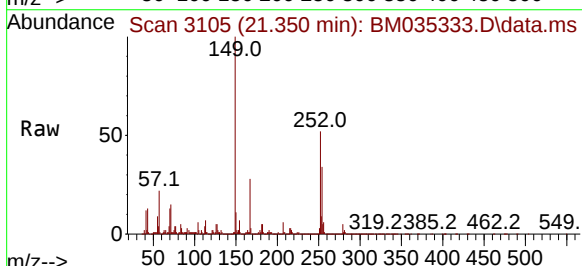
Tgt Ion:149 Resp: 1090414

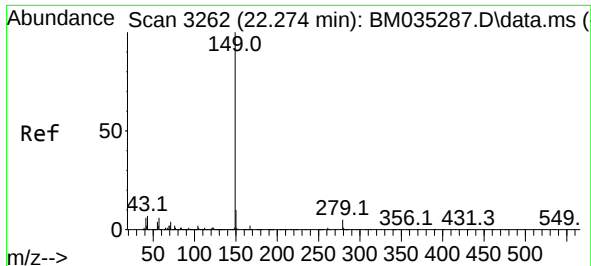
Ion Ratio Lower Upper

149 100

167 28.2 21.1 31.7

279 5.1 2.8 4.2#

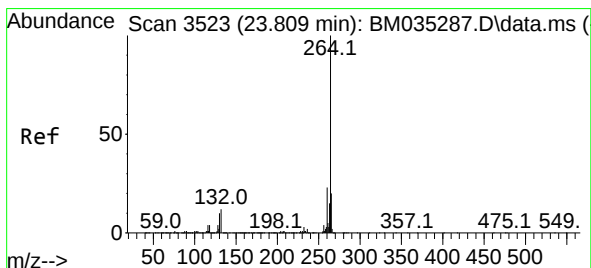
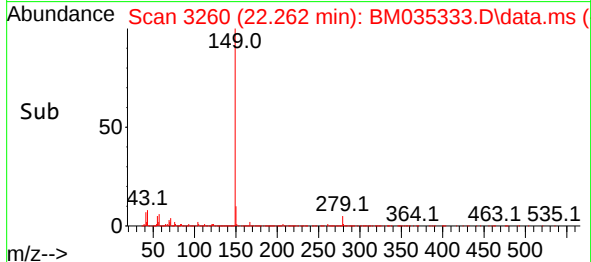
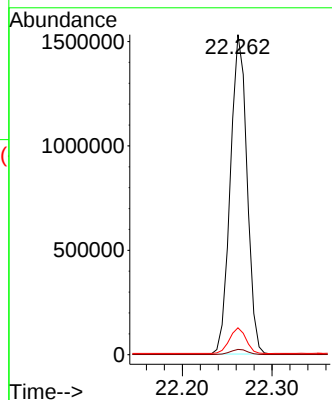
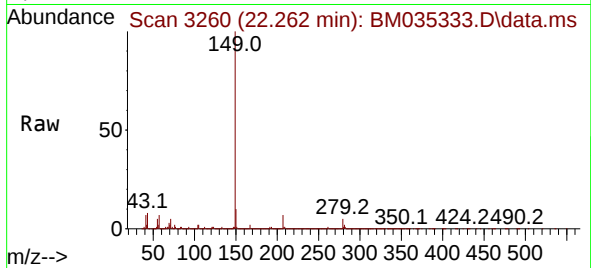




#85
Di-n-octyl phthalate
Concen: 51.219 ng
RT: 22.262 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

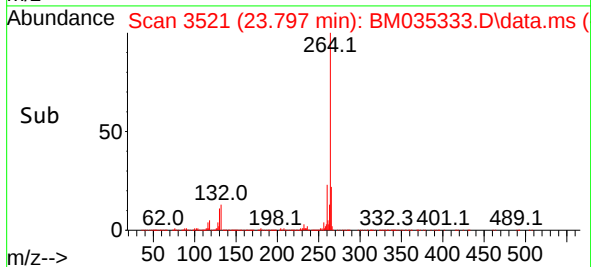
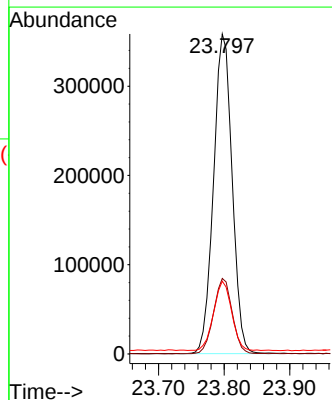
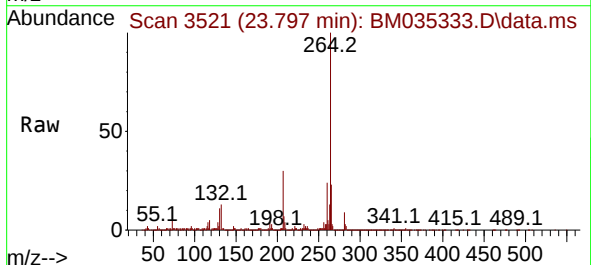
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

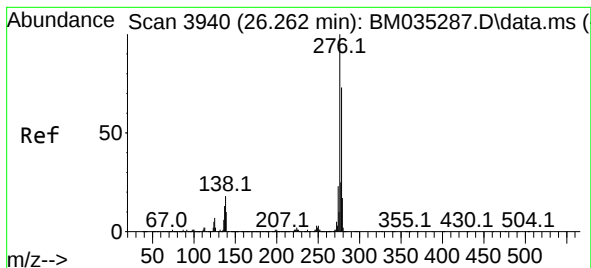
Tgt Ion:149 Resp: 1972071
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.9 8.6 12.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3521
Delta R.T. -0.012 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:264 Resp: 703757
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.832 ng

RT: 26.262 min Scan# 3400

Delta R.T. -0.000 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

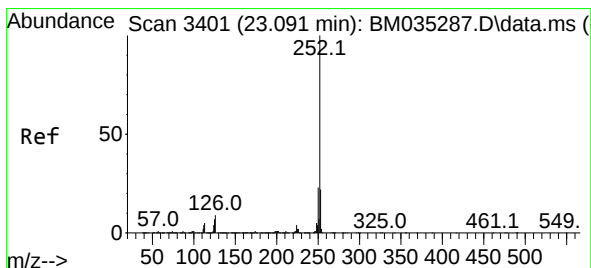
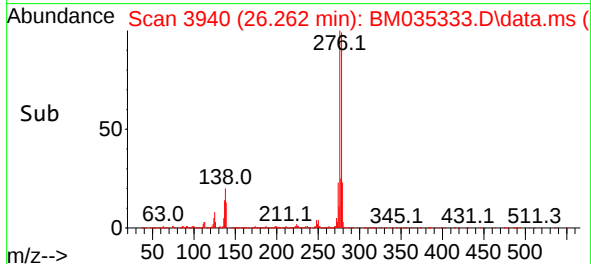
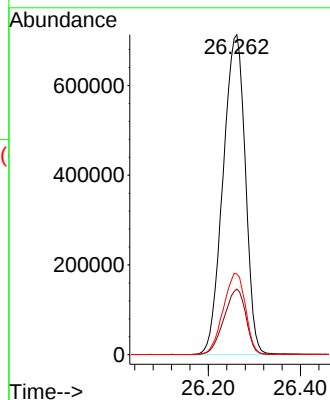
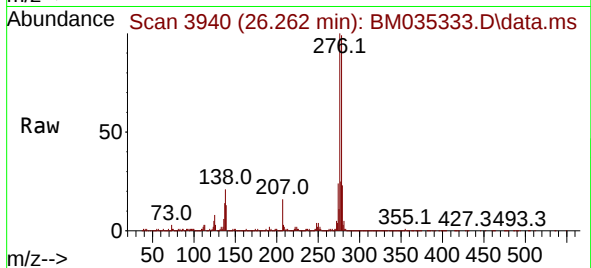
Tgt Ion:276 Resp: 2389386

Ion Ratio Lower Upper

276 100

138 20.2 20.2 30.4#

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.619 ng

RT: 23.085 min Scan# 3400

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

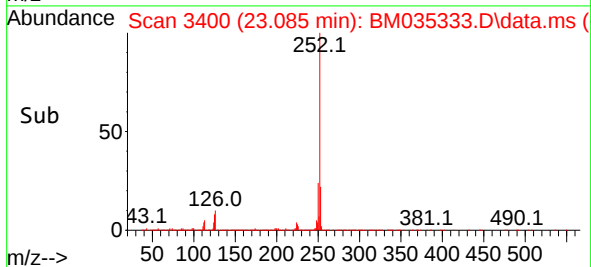
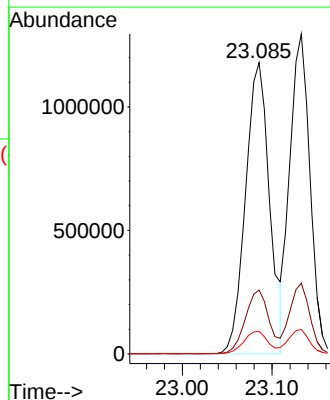
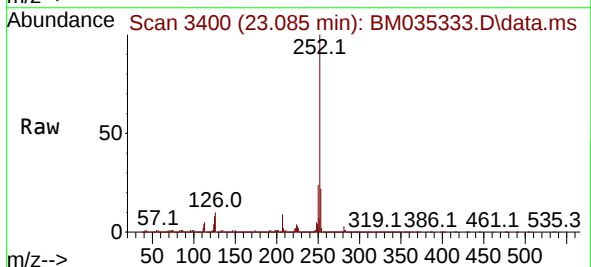
Tgt Ion:252 Resp: 2191676

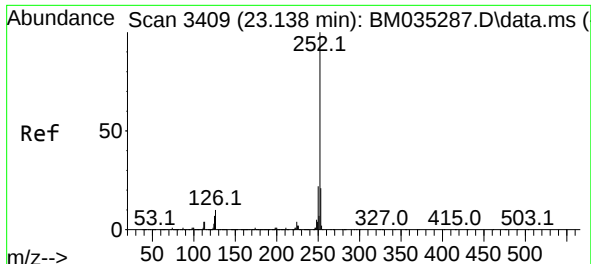
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 7.8 7.6 11.4

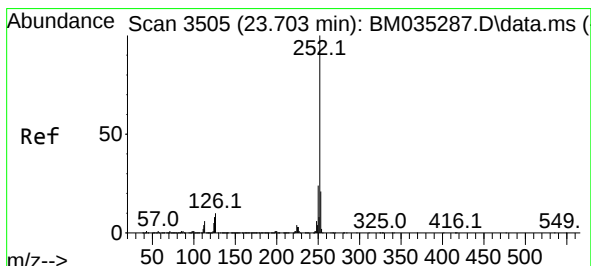
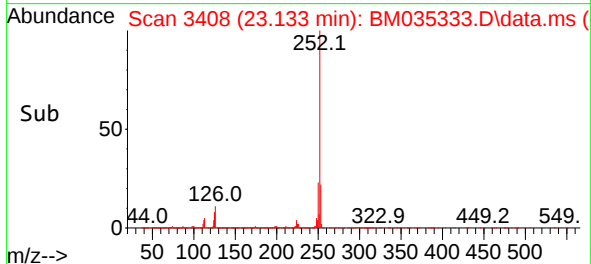
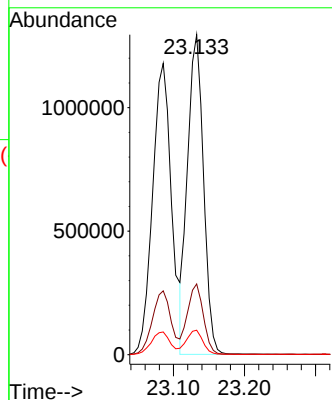
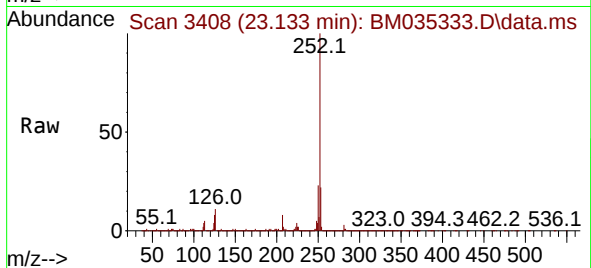




#89
Benzo(k)fluoranthene
Concen: 48.183 ng
RT: 23.133 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

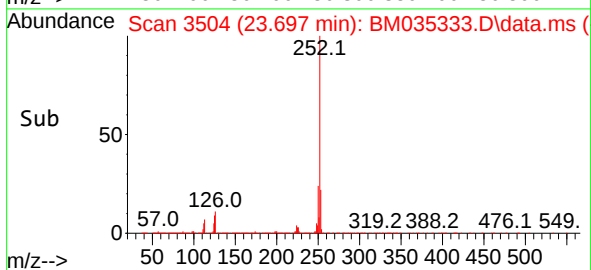
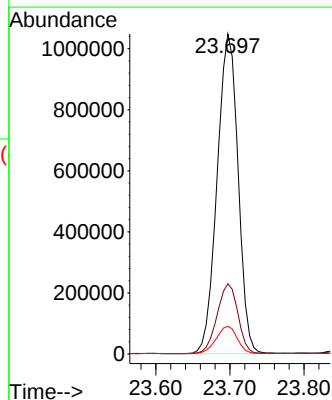
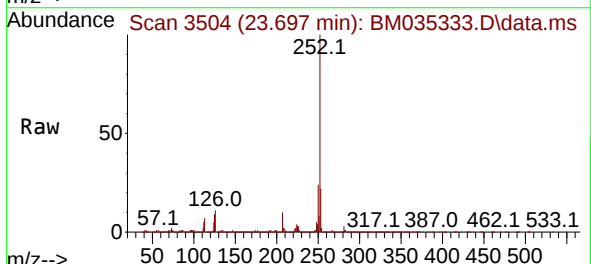
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01MSD

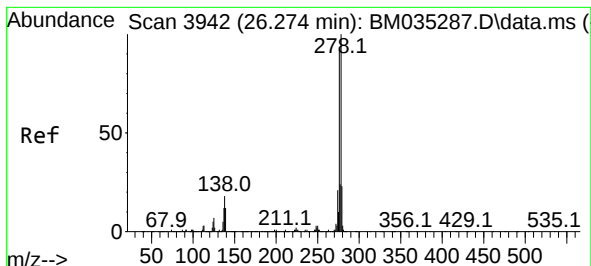
Tgt Ion:252 Resp: 2021225
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.7 7.6 11.4



#90
Benzo(a)pyrene
Concen: 58.481 ng
RT: 23.697 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM035333.D
Acq: 31 May 2022 19:46

Tgt Ion:252 Resp: 2057994
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.7 8.7 13.1#





#91

Dibenzo(a,h)anthracene

Concen: 52.374 ng

RT: 26.268 min Scan# 3941

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01MSD

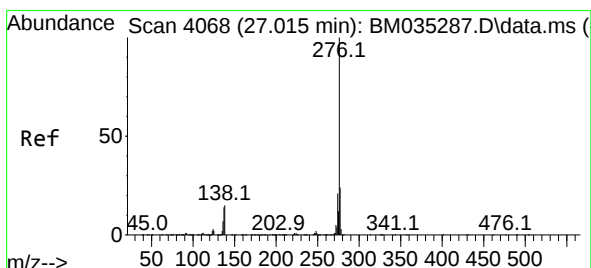
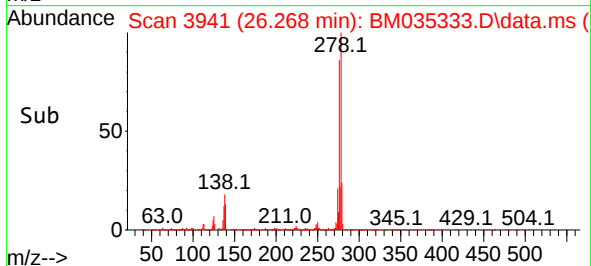
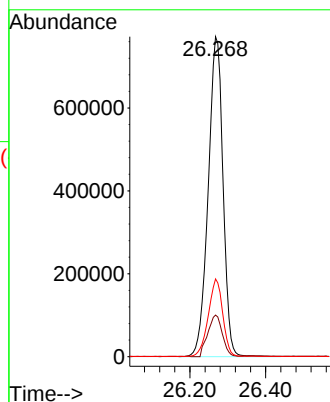
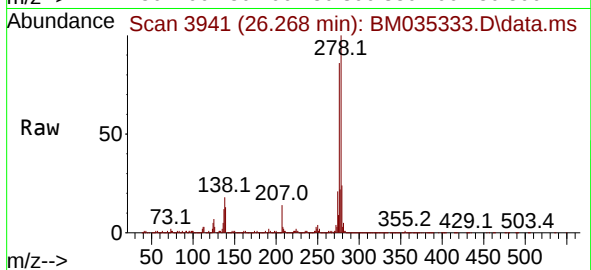
Tgt Ion:278 Resp: 2086054

Ion Ratio Lower Upper

278 100

139 13.0 12.9 19.3

279 24.3 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 52.257 ng

RT: 27.009 min Scan# 4067

Delta R.T. -0.006 min

Lab File: BM035333.D

Acq: 31 May 2022 19:46

Tgt Ion:276 Resp: 2075879

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 17.4 17.6 26.4#

