

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042499.D
 Acq On : 30 Oct 2023 18:13
 Operator : MA/JU
 Sample : PB156526BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BSD

Quant Time: Oct 31 03:45:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	101681	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	401904	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	214386	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	404228	20.000	ng	0.00
76) Chrysene-d12	21.509	240	310619	20.000	ng	0.00
86) Perylene-d12	23.927	264	303923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	643036	102.063	ng	0.00
7) Phenol-d6	7.098	99	811432	93.908	ng	0.00
23) Nitrobenzene-d5	9.134	82	810201	93.974	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	256056	91.481	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1577104	98.987	ng	0.00
79) Terphenyl-d14	19.939	244	1976207	107.877	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	114199	38.033	ng	98
3) Pyridine	3.758	79	304337	35.333	ng	99
4) n-Nitrosodimethylamine	3.675	42	198795	47.959	ng	97
6) Aniline	7.275	93	378014	34.417	ng	99
8) 2-Chlorophenol	7.487	128	327804	48.252	ng	98
9) Benzaldehyde	7.093	77	155624	31.250	ng	99
10) Phenol	7.128	94	423575	48.267	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	338192	45.553	ng	99
12) 1,3-Dichlorobenzene	7.804	146	353640	48.165	ng	99
13) 1,4-Dichlorobenzene	7.963	146	357848	48.158	ng	97
14) 1,2-Dichlorobenzene	8.275	146	341932	47.662	ng	98
15) Benzyl Alcohol	8.198	79	300478	49.119	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.445	45	288180	24.392	ng	98
17) 2-Methylphenol	8.381	107	274814	44.227	ng	98
18) Hexachloroethane	8.987	117	142761	49.101	ng	99
19) n-Nitroso-di-n-propyla...	8.757	70	272024	44.502	ng	98
20) 3+4-Methylphenols	8.716	107	366509	44.117	ng	99
22) Acetophenone	8.787	105	481710	47.524	ng	# 99
24) Nitrobenzene	9.175	77	406143	47.828	ng	99
25) Isophorone	9.692	82	695328	45.566	ng	99
26) 2-Nitrophenol	9.875	139	167156	46.415	ng	97
27) 2,4-Dimethylphenol	9.916	122	292619	50.125	ng	99
28) bis(2-Chloroethoxy)met...	10.175	93	437178	47.553	ng	99
29) 2,4-Dichlorophenol	10.398	162	289876	50.184	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	313936	49.593	ng	99
31) Naphthalene	10.798	128	975637	46.986	ng	100
32) Benzoic acid	10.081	122	191854	41.057	ng	96
33) 4-Chloroaniline	10.945	127	128068	15.818	ng	98
34) Hexachlorobutadiene	11.022	225	193747	50.410	ng	99
35) Caprolactam	11.804	113	81626	40.220	ng	92
36) 4-Chloro-3-methylphenol	12.045	107	304745	46.358	ng	99
37) 2-Methylnaphthalene	12.404	142	643807	44.025	ng	99
38) 1-Methylnaphthalene	12.622	142	606529	44.064	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	334869	52.285	ng	99
41) Hexachlorocyclopentadiene	12.698	237	503001	127.117	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	220232	53.686	ng	98

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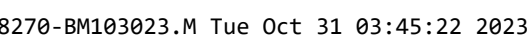
Instrument :
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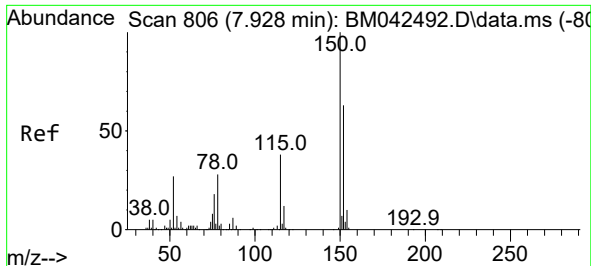
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	234454	48.028	ng	98
46) 1,1'-Biphenyl	13.416	154	820293	50.054	ng	99
47) 2-Chloronaphthalene	13.463	162	625721	52.046	ng	99
48) 2-Nitroaniline	13.704	65	205867	42.957	ng	96
49) Acenaphthylene	14.310	152	974947	48.965	ng	100
50) Dimethylphthalate	14.051	163	739466	46.149	ng	99
51) 2,6-Dinitrotoluene	14.192	165	157326	47.641	ng	98
52) Acenaphthene	14.639	154	589462	48.781	ng	99
53) 3-Nitroaniline	14.533	138	88242	26.019	ng	99
54) 2,4-Dinitrophenol	14.733	184	197928	84.032	ng	99
55) Dibenzofuran	14.980	168	927487	47.207	ng	100
56) 4-Nitrophenol	14.833	139	264629	87.474	ng	97
57) 2,4-Dinitrotoluene	14.974	165	207940	42.086	ng	98
58) Fluorene	15.627	166	740864	46.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	202736	49.308	ng	99
60) Diethylphthalate	15.392	149	722998	44.538	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	379621	47.270	ng	98
62) 4-Nitroaniline	15.698	138	119076	37.434	ng	95
63) Azobenzene	15.910	77	831098	46.460	ng	99
65) 4,6-Dinitro-2-methylph...	15.721	198	119471	46.221	ng	99
66) n-Nitrosodiphenylamine	15.845	169	610337	53.549	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	215271	53.258	ng	97
68) Hexachlorobenzene	16.592	284	247794	55.414	ng	99
69) Atrazine	16.792	200	209957	63.751	ng	99
70) Pentachlorophenol	16.963	266	327557	99.638	ng	100
71) Phenanthrene	17.368	178	1068976	50.603	ng	99
72) Anthracene	17.462	178	1067861	51.036	ng	100
73) Carbazole	17.751	167	905985	53.225	ng	99
74) Di-n-butylphthalate	18.274	149	1153142	48.241	ng	99
75) Fluoranthene	19.380	202	1131844	45.612	ng	98
77) Benzidine	19.598	184	241366	81.008	ng	99
78) Pyrene	19.751	202	1177692	55.215	ng	99
80) Butylbenzylphthalate	20.633	149	466867	51.249	ng	100
81) Benzo(a)anthracene	21.492	228	1005418	50.873	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	256037	40.763	ng	100
83) Chrysene	21.545	228	947626	47.204	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	669800	48.650	ng	99
85) Di-n-octyl phthalate	22.303	149	1113386	46.983	ng	99
87) Indeno(1,2,3-cd)pyrene	26.462	276	959822	53.062	ng	99
88) Benzo(b)fluoranthene	23.180	252	899514	53.125	ng	99
89) Benzo(k)fluoranthene	23.233	252	962774	51.028	ng	99
90) Benzo(a)pyrene	23.821	252	777748	46.655	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	783623	47.019	ng	98
92) Benzo(g,h,i)perylene	27.250	276	843539	52.911	ng	98

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

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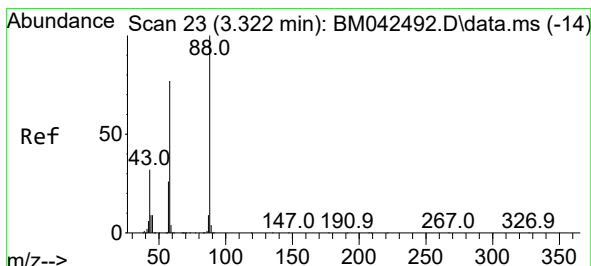
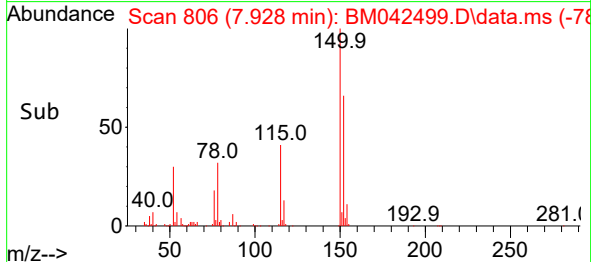
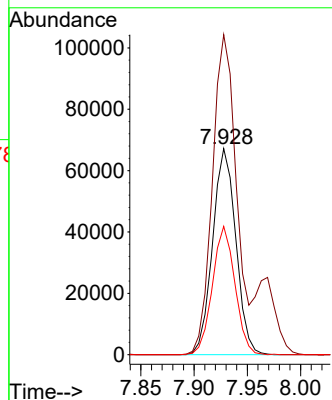
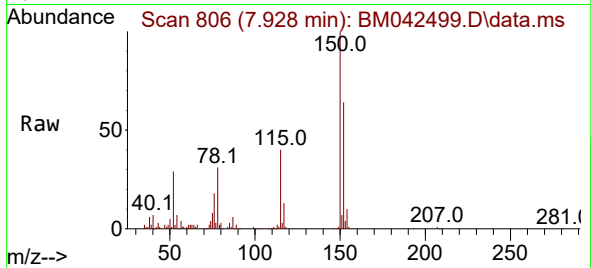




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BM042499.D
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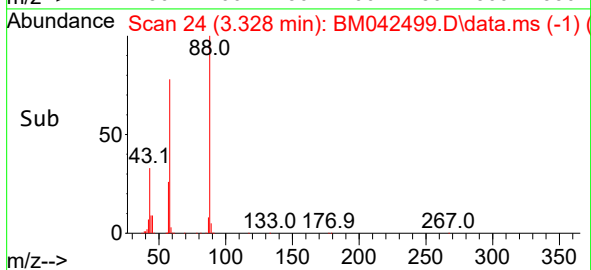
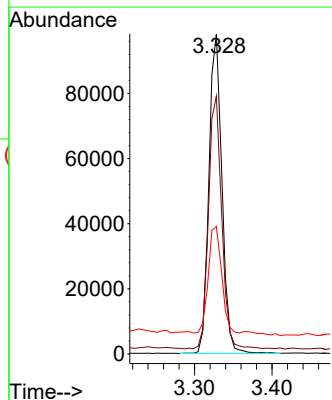
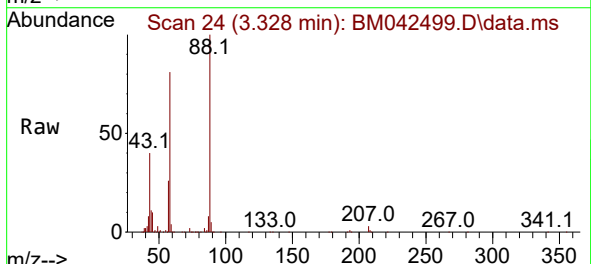
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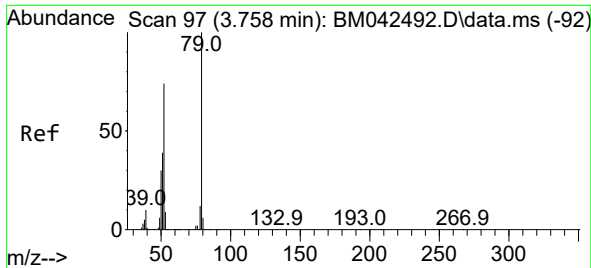
Tgt Ion:152 Resp: 101681
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.4 191.0
 115 62.3 47.9 71.9



#2
 1,4-Dioxane
 Concen: 38.033 ng
 RT: 3.328 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM042499.D
 Acq: 30 Oct 2023 18:13

Tgt Ion: 88 Resp: 114199
 Ion Ratio Lower Upper
 88 100
 58 80.1 62.6 93.8
 43 33.9 26.5 39.7

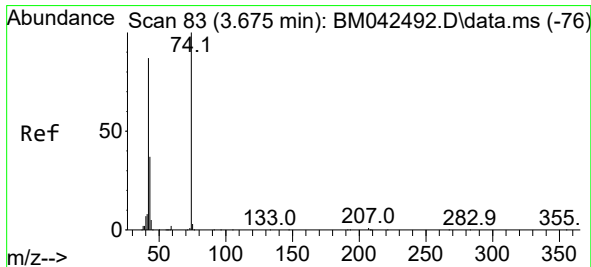
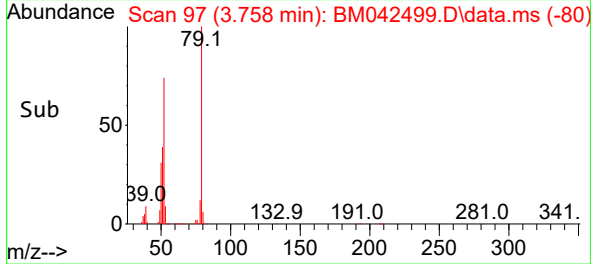
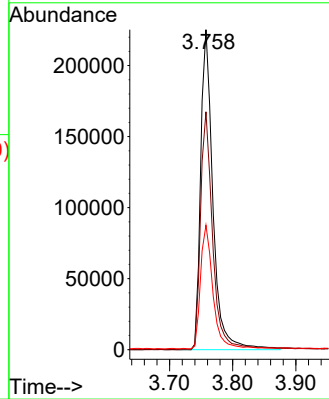
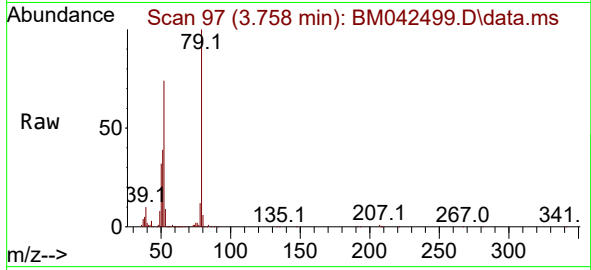




#3
 Pyridine
 Concen: 35.333 ng
 RT: 3.758 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BM042499.D
 Acq: 30 Oct 2023 18:13

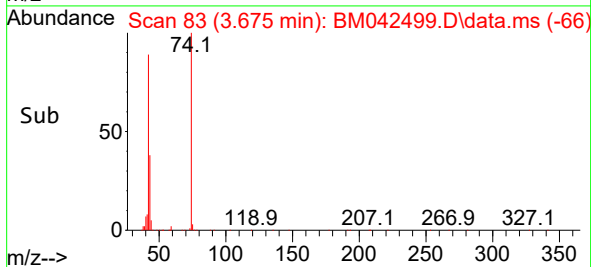
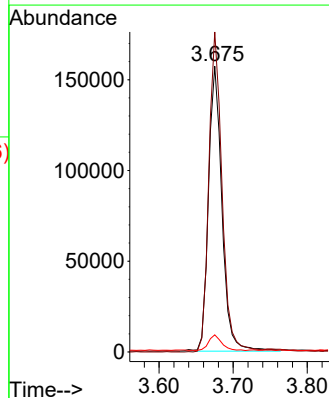
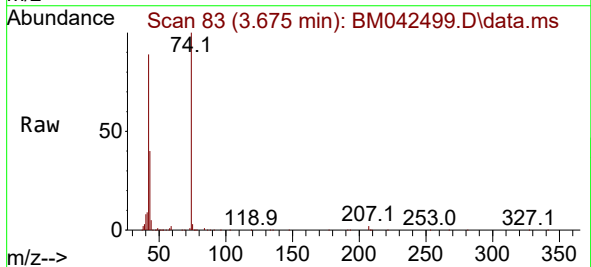
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 ClientSampleId :
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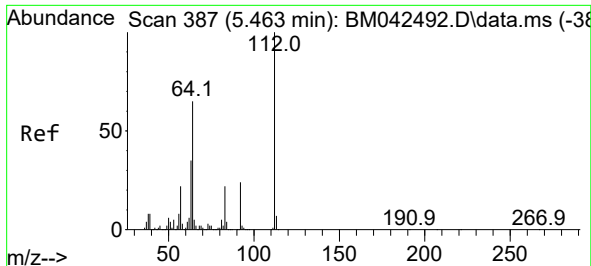
Tgt Ion: 79 Resp: 304337
 Ion Ratio Lower Upper
 79 100
 52 74.4 59.3 88.9
 51 38.9 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 47.959 ng
 RT: 3.675 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: BM042499.D
 Acq: 30 Oct 2023 18:13

Tgt Ion: 42 Resp: 198795
 Ion Ratio Lower Upper
 42 100
 74 112.0 92.2 138.2
 44 6.0 5.1 7.7

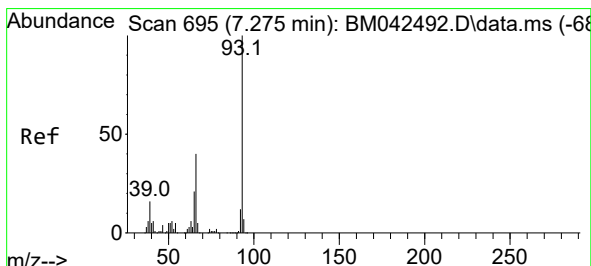
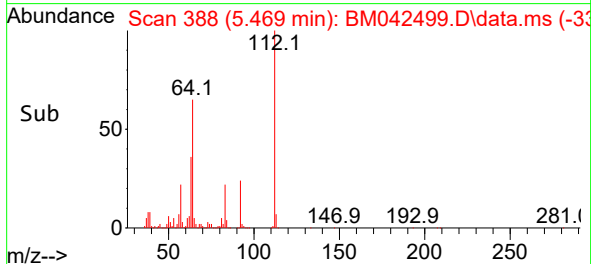
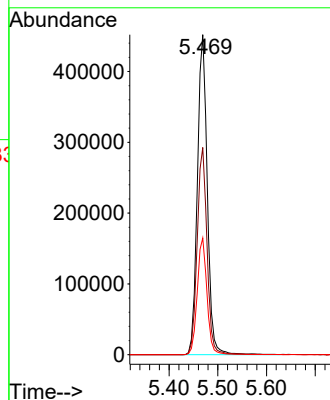
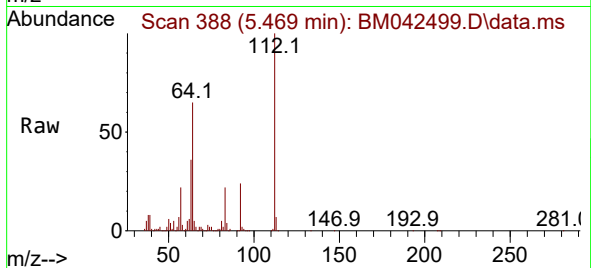




#5
2-Fluorophenol
Concen: 102.063 ng
RT: 5.469 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

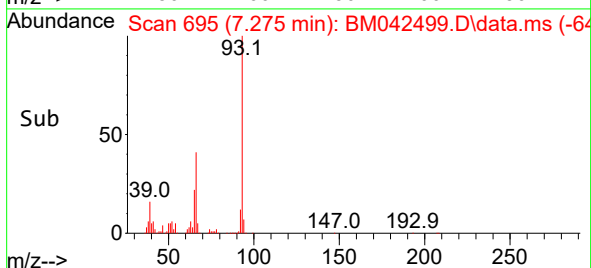
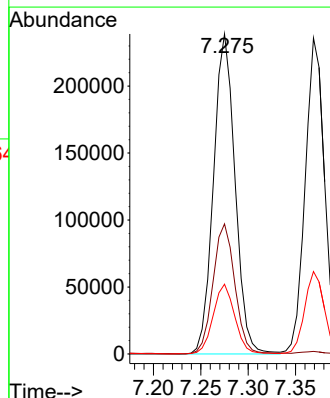
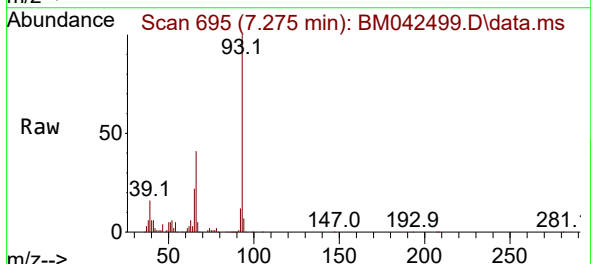
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ClientSampleId :
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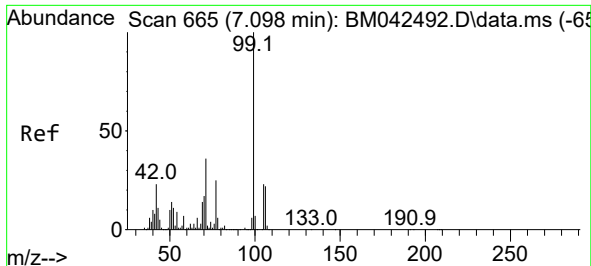
Tgt Ion:112 Resp: 643036
Ion Ratio Lower Upper
112 100
64 64.7 52.1 78.1
63 36.4 28.3 42.5



#6
Aniline
Concen: 34.417 ng
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 93 Resp: 378014
Ion Ratio Lower Upper
93 100
66 40.7 32.2 48.2
65 21.8 17.0 25.6

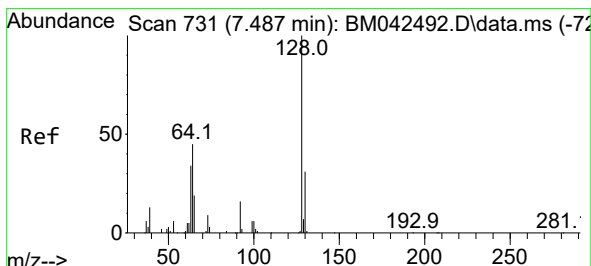
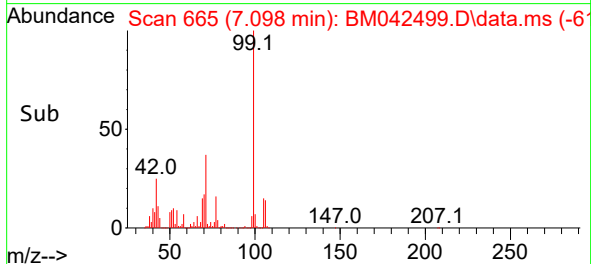
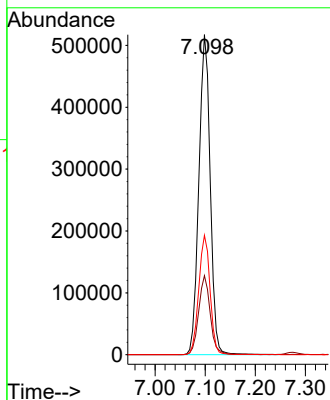
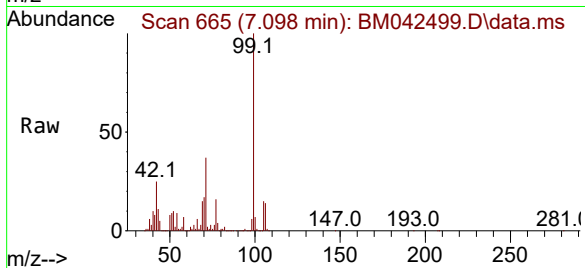




#7
Phenol-d6
Concen: 93.908 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

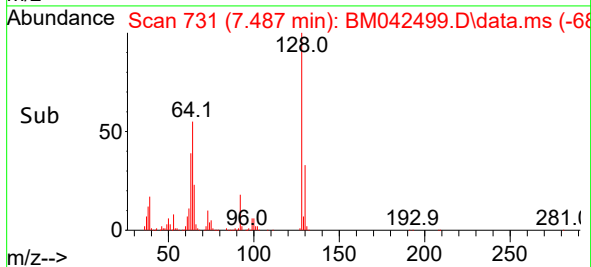
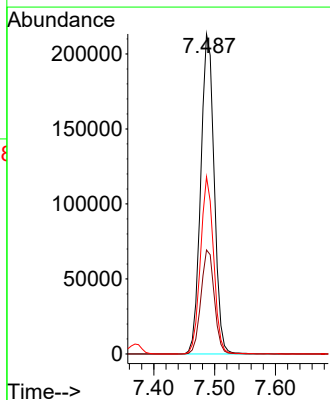
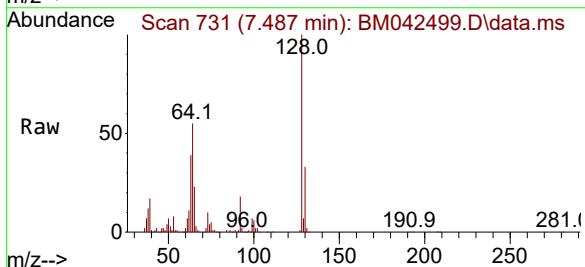
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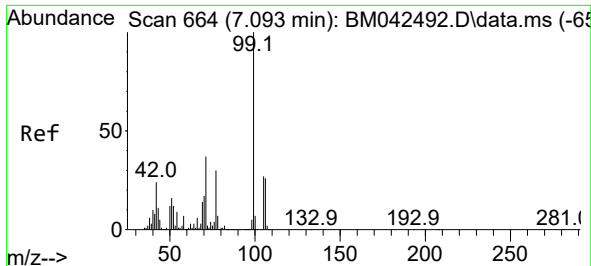
Tgt Ion: 99 Resp: 811432
Ion Ratio Lower Upper
99 100
42 24.7 18.7 28.1
71 37.3 29.1 43.7



#8
2-Chlorophenol
Concen: 48.252 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:128 Resp: 327804
Ion Ratio Lower Upper
128 100
130 32.5 11.2 51.2
64 55.4 34.4 74.4

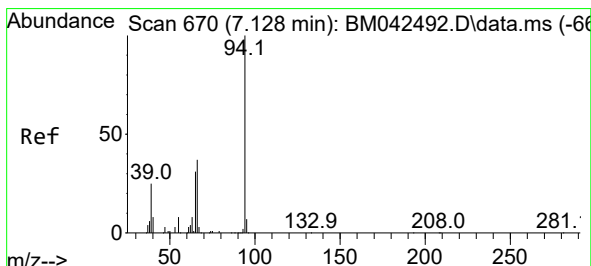
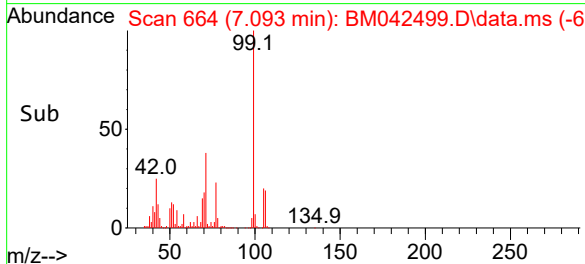
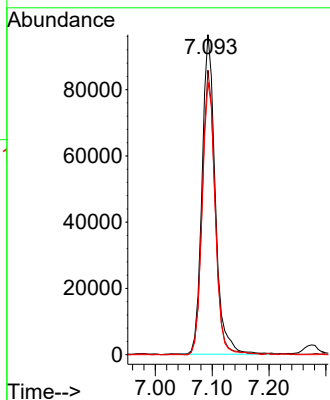
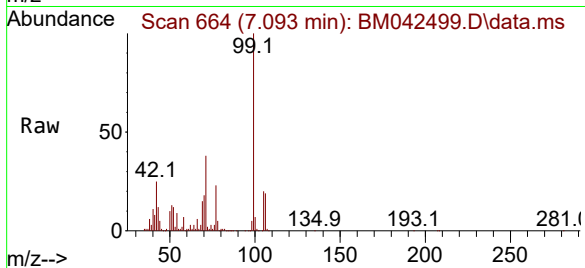




#9
Benzaldehyde
Concen: 31.250 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

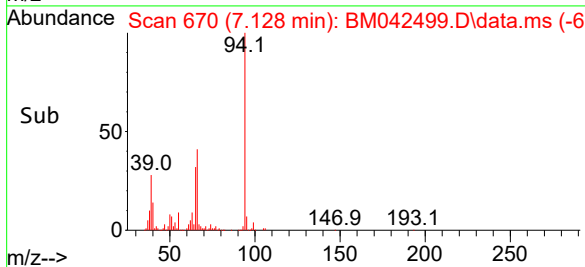
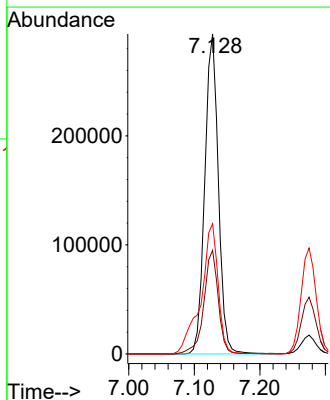
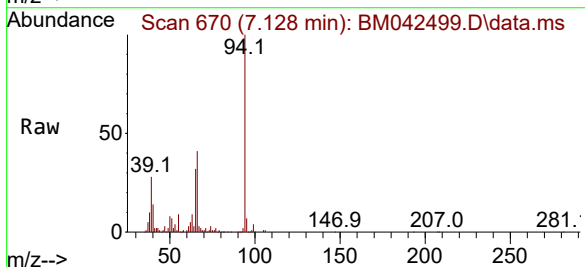
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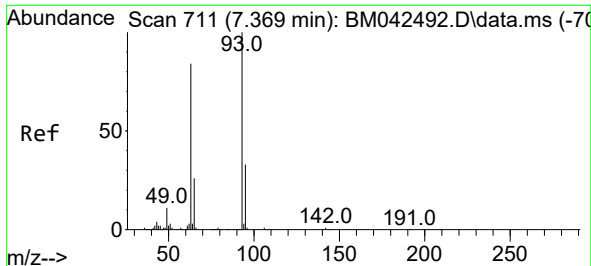
Tgt Ion: 77 Resp: 155624
Ion Ratio Lower Upper
77 100
105 88.9 69.7 109.7
106 85.1 66.4 106.4



#10
Phenol
Concen: 48.267 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 94 Resp: 423575
Ion Ratio Lower Upper
94 100
65 32.4 11.5 51.5
66 40.7 20.0 60.0

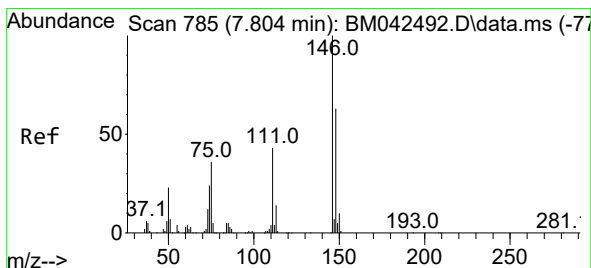
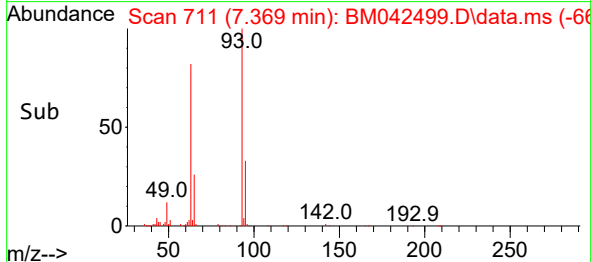
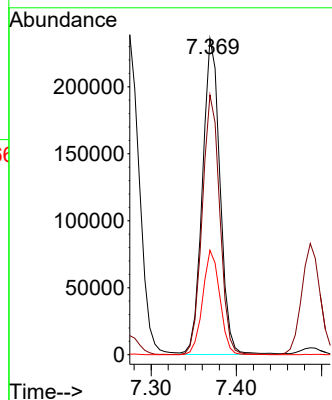
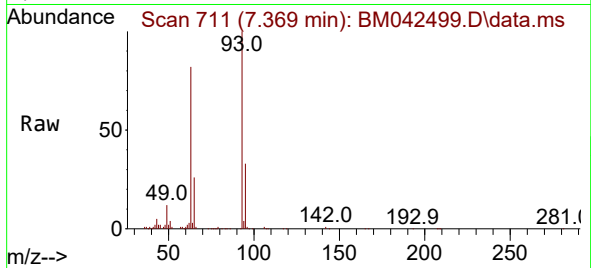




#11
bis(2-Chloroethyl)ether
Concen: 45.553 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

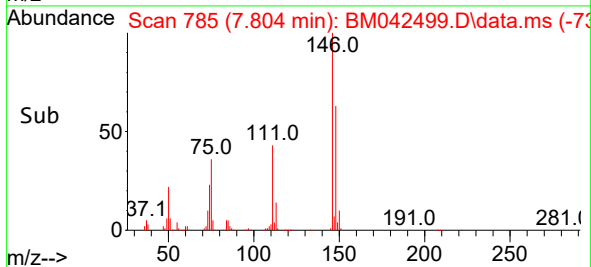
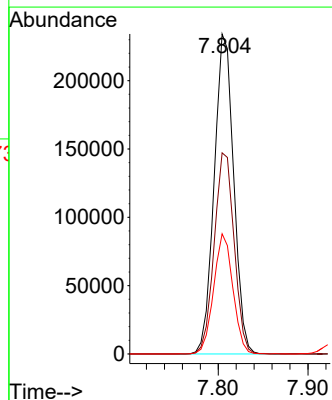
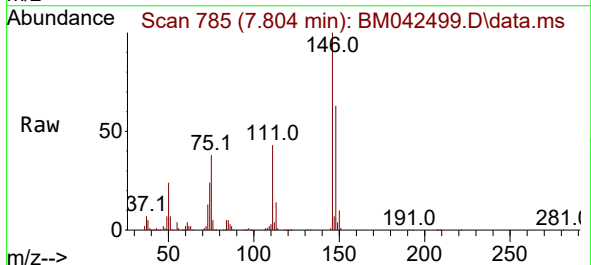
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

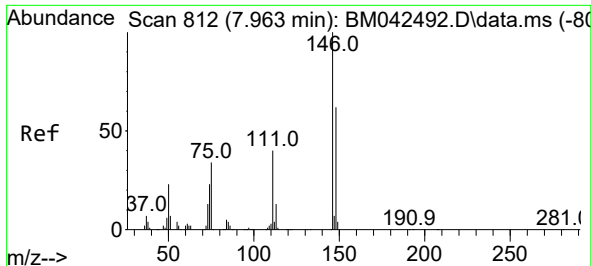
Tgt Ion: 93 Resp: 338192
Ion Ratio Lower Upper
93 100
63 82.2 63.2 103.2
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.165 ng
RT: 7.804 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 146 Resp: 353640
Ion Ratio Lower Upper
146 100
148 62.8 50.4 75.6
75 37.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 48.158 ng

RT: 7.963 min Scan# 812

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

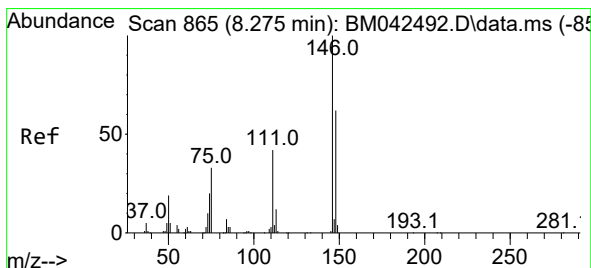
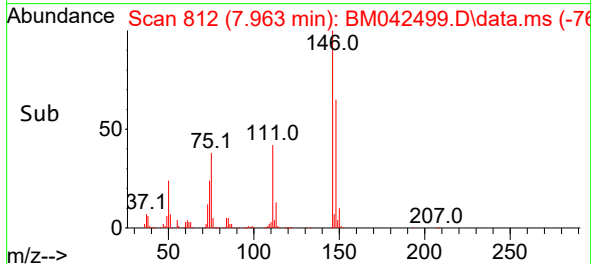
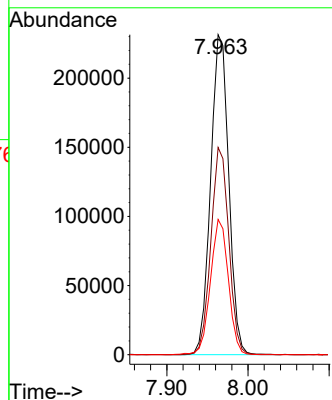
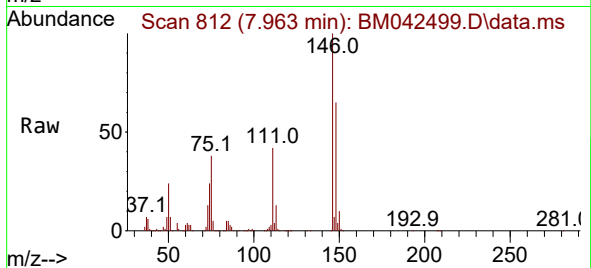
Tgt Ion:146 Resp: 357848

Ion Ratio Lower Upper

146 100

148 64.8 50.0 75.0

111 42.3 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 47.662 ng

RT: 8.275 min Scan# 865

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

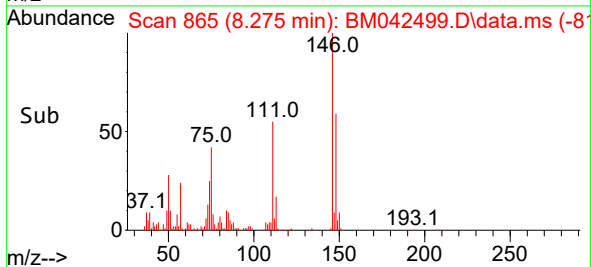
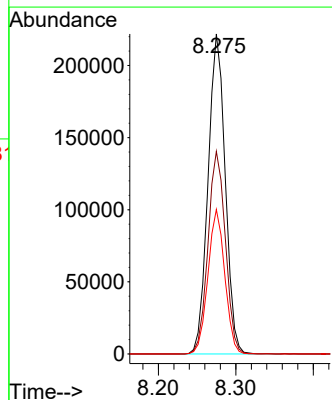
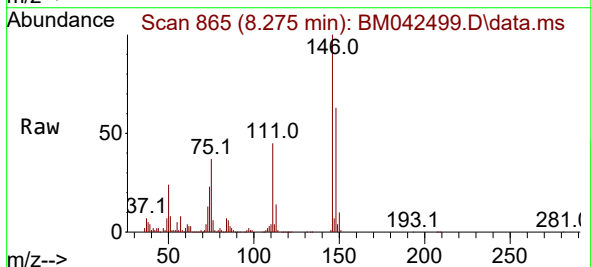
Tgt Ion:146 Resp: 341932

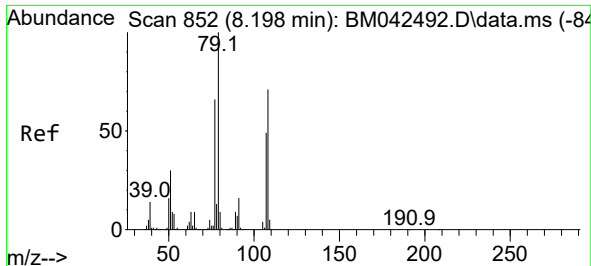
Ion Ratio Lower Upper

146 100

148 63.3 50.0 75.0

111 45.1 34.5 51.7

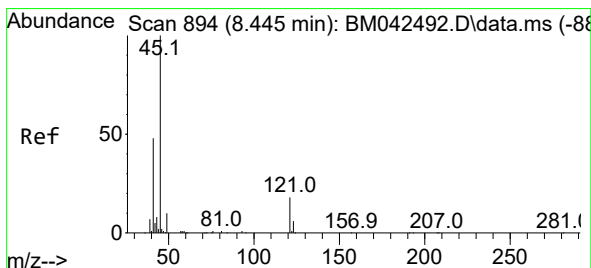
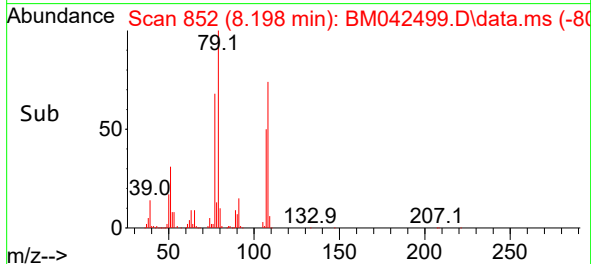
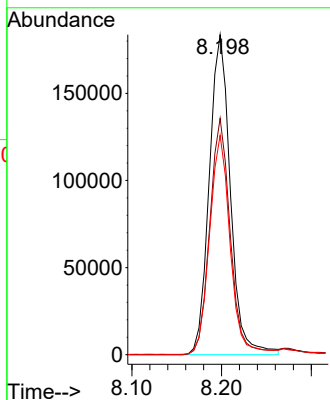
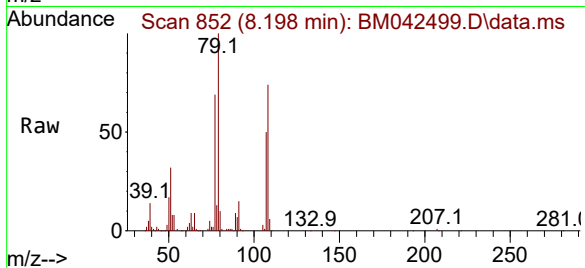




#15
Benzyl Alcohol
Concen: 49.119 ng
RT: 8.198 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

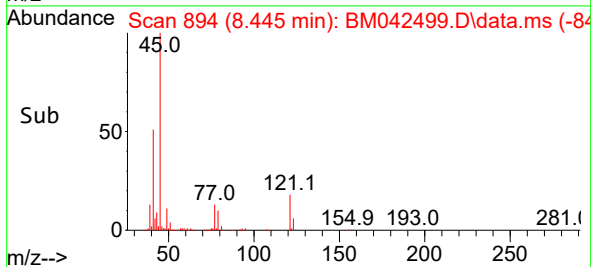
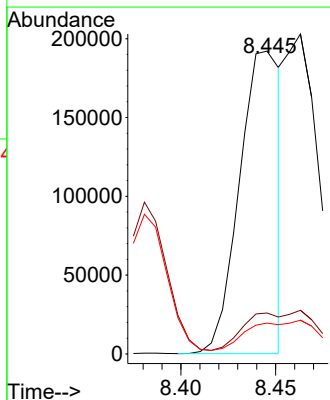
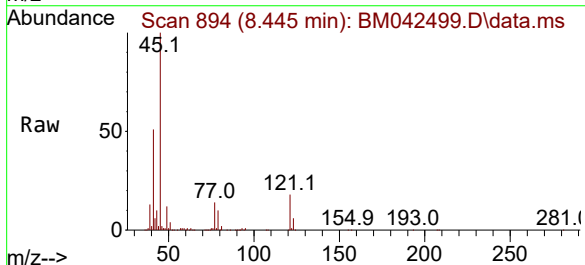
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

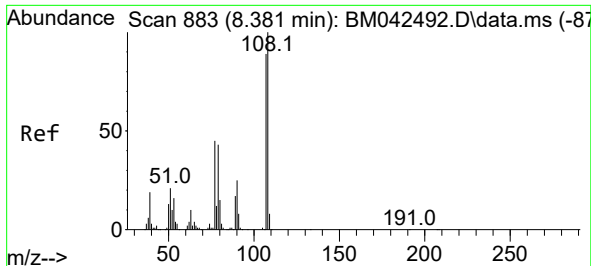
Tgt Ion: 79 Resp: 300478
Ion Ratio Lower Upper
79 100
108 73.8 56.8 85.2
77 68.5 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.392 ng
RT: 8.445 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 45 Resp: 288180
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.0
79 10.2 0.0 29.5

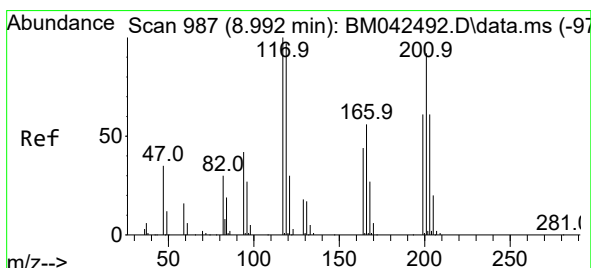
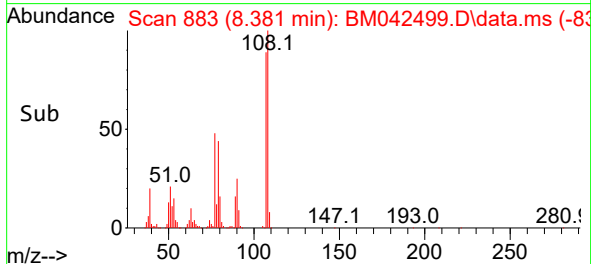
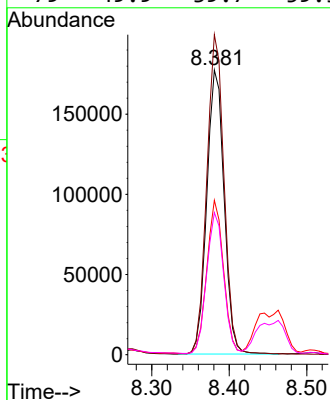
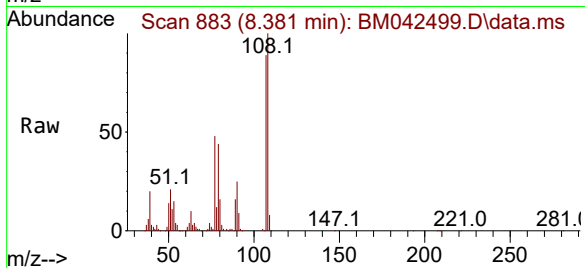




#17
2-Methylphenol
Concen: 44.227 ng
RT: 8.381 min Scan# 883
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

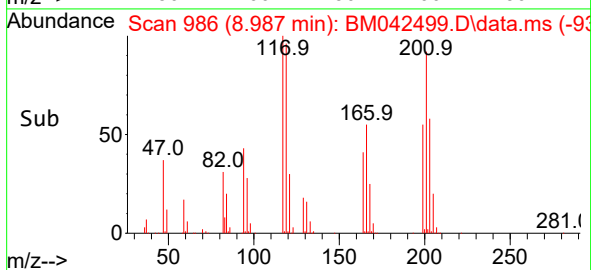
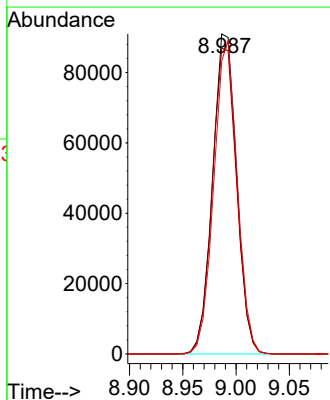
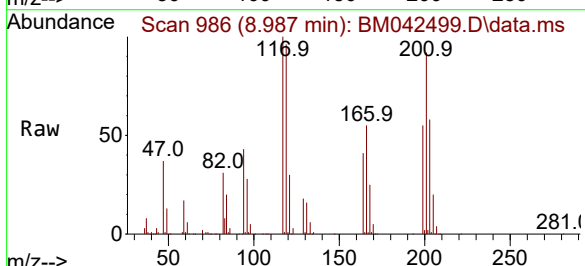
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

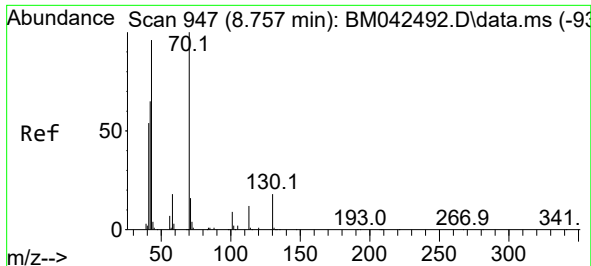
Tgt Ion:	107	Resp:	274814
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.4	135.6
77	54.2	40.6	60.8
79	49.9	39.7	59.5



#18
Hexachloroethane
Concen: 49.101 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:	117	Resp:	142761
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.9	116.9
201	91.5	73.7	110.5



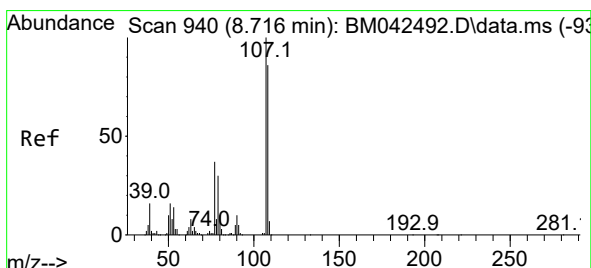
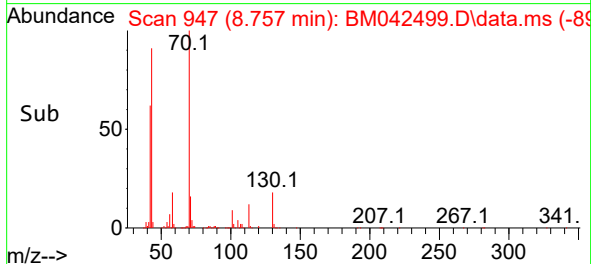
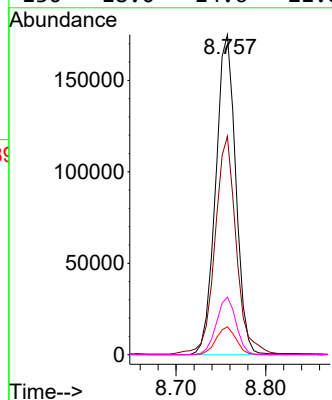
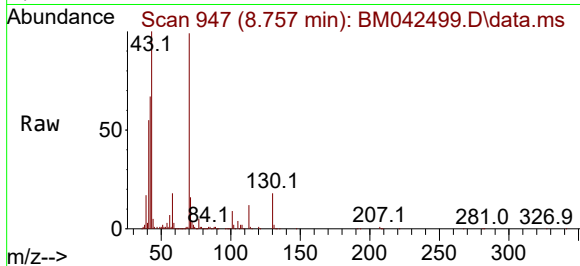


#19
n-Nitroso-di-n-propylamine
Concen: 44.502 ng
RT: 8.757 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Tgt Ion: 70 Resp: 272024

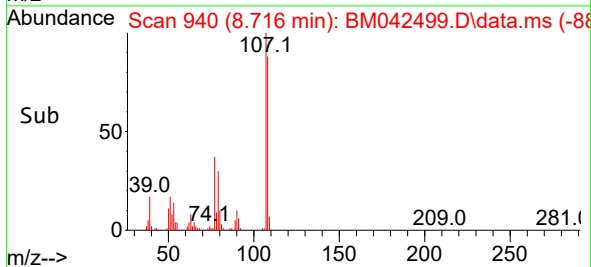
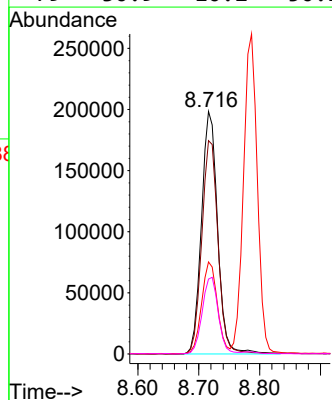
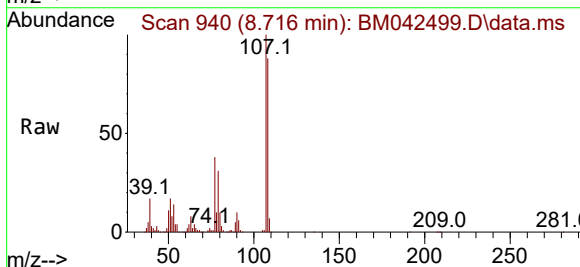
Ion	Ratio	Lower	Upper
70	100		
42	68.3	52.5	78.7
101	8.7	7.0	10.4
130	18.0	14.6	21.8

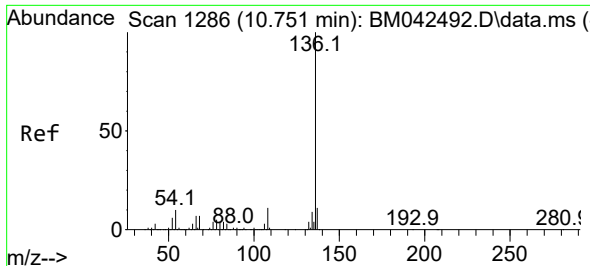


#20
3+4-Methylphenols
Concen: 44.117 ng
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 107 Resp: 366509

Ion	Ratio	Lower	Upper
107	100		
108	87.9	66.4	106.4
77	38.0	17.6	57.6
79	30.9	10.2	50.2



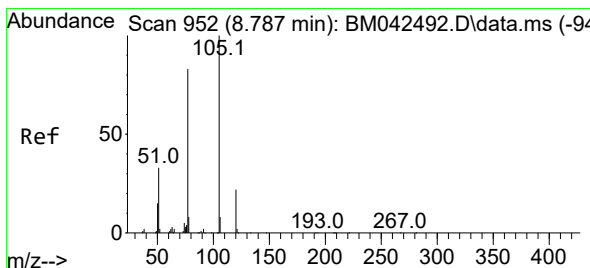
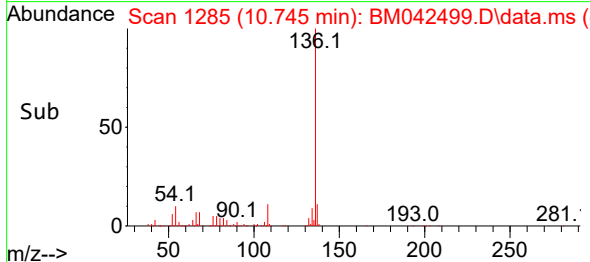
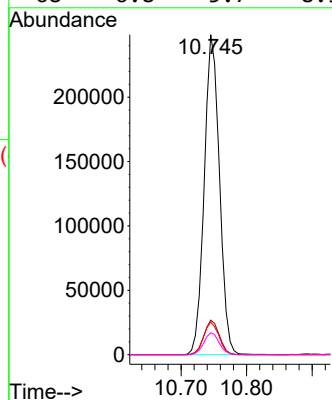
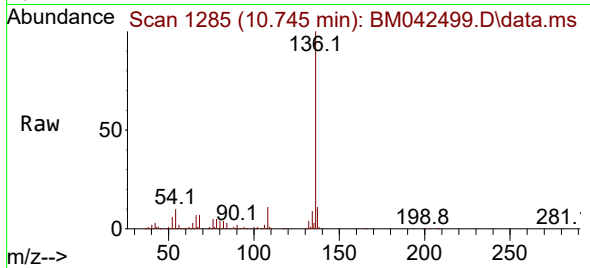


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Tgt Ion:136 Resp: 401904

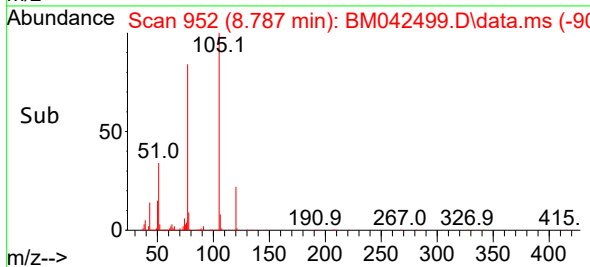
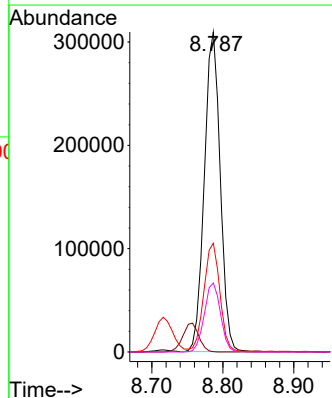
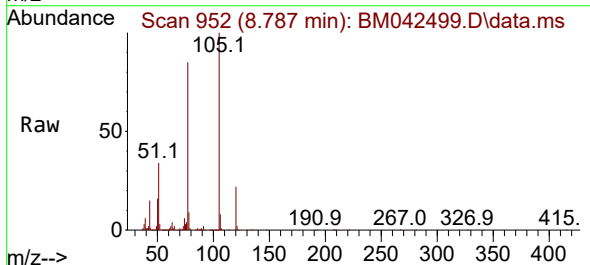
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.2	8.0	12.0
68	6.8	5.7	8.5

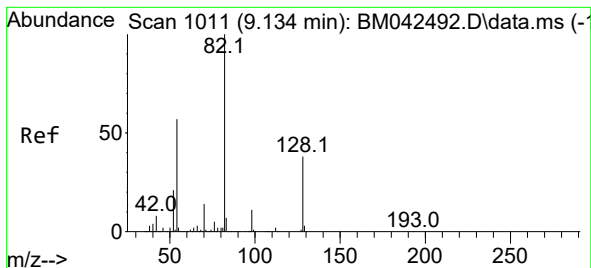


#22
Acetophenone
Concen: 47.524 ng
RT: 8.787 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:105 Resp: 481710

Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.2	0.2#
51	34.0	27.6	41.4
120	21.5	17.8	26.6

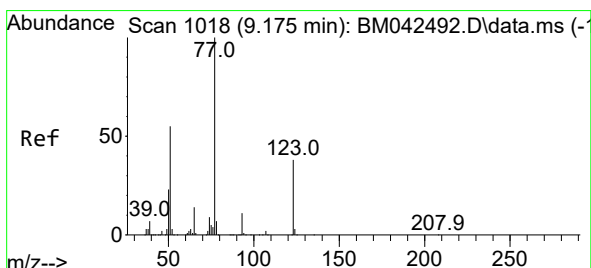
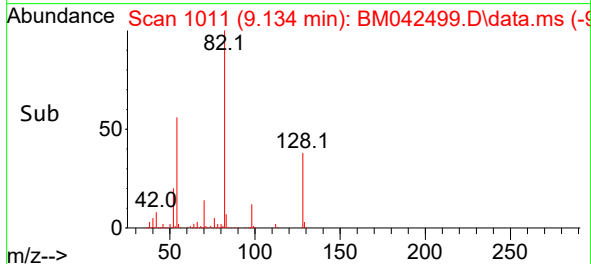
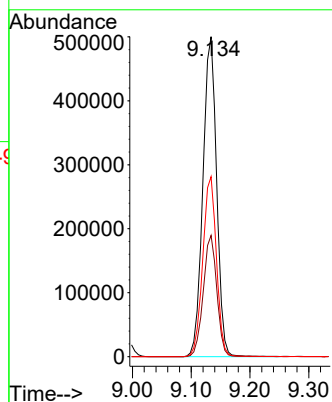
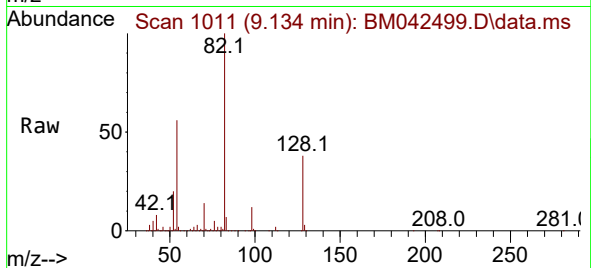




#23
Nitrobenzene-d5
Concen: 93.974 ng
RT: 9.134 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

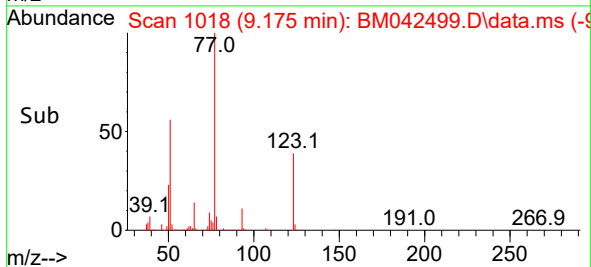
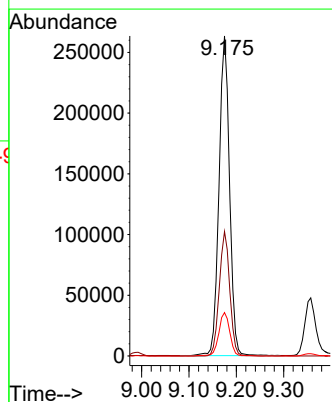
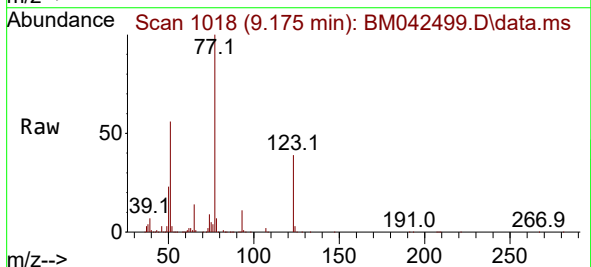
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

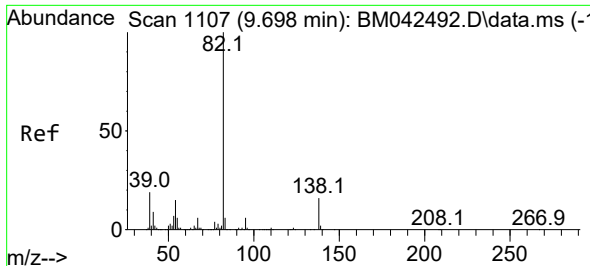
Tgt Ion: 82 Resp: 810201
Ion Ratio Lower Upper
82 100
128 37.9 30.7 46.1
54 56.3 45.3 67.9



#24
Nitrobenzene
Concen: 47.828 ng
RT: 9.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 77 Resp: 406143
Ion Ratio Lower Upper
77 100
123 38.9 30.6 46.0
65 13.5 10.8 16.2

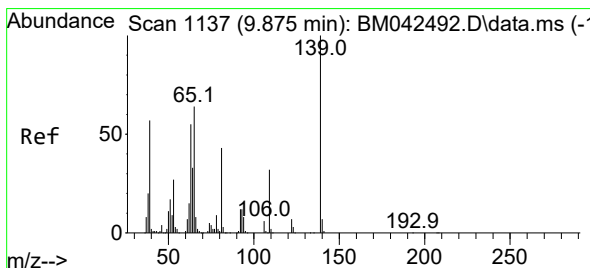
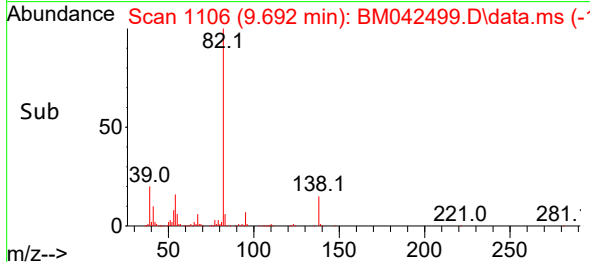
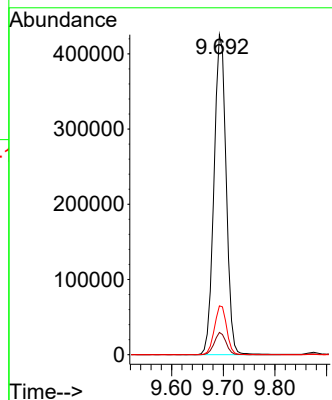
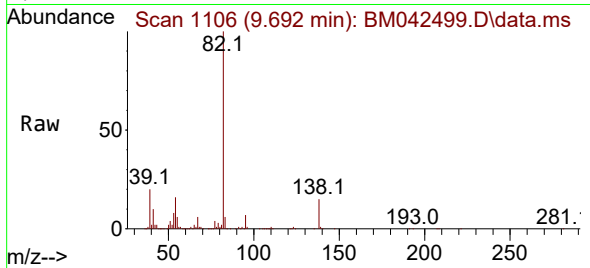




#25
Isophorone
Concen: 45.566 ng
RT: 9.692 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

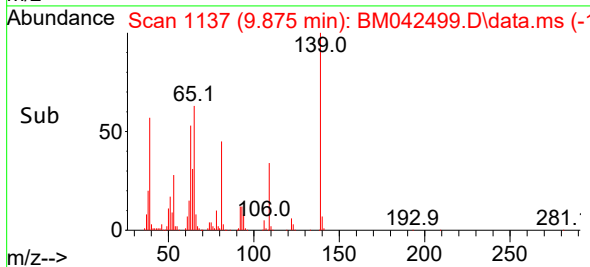
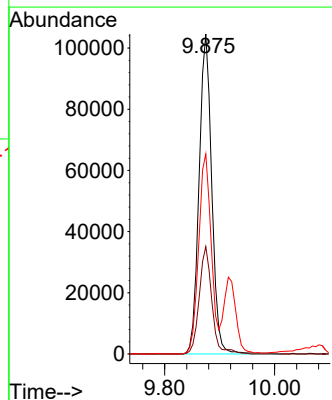
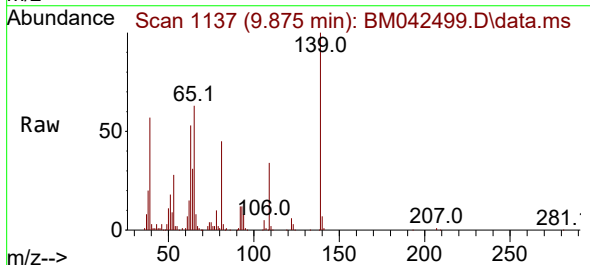
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

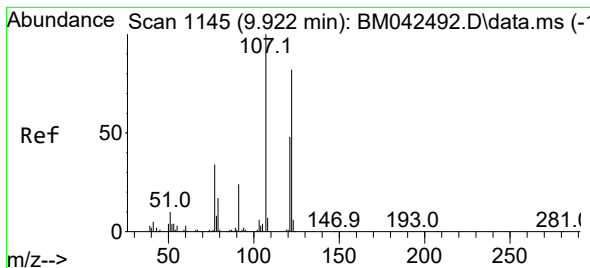
Tgt Ion: 82 Resp: 695328
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 15.2 12.6 18.8



#26
2-Nitrophenol
Concen: 46.415 ng
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 139 Resp: 167156
Ion Ratio Lower Upper
139 100
109 33.6 25.2 37.8
65 62.5 51.4 77.0

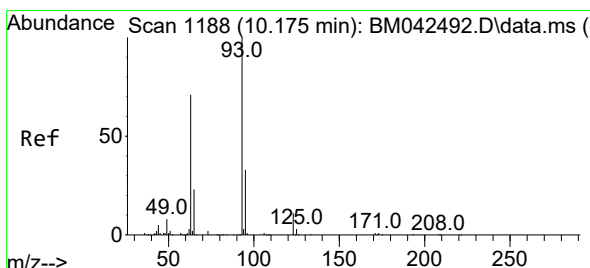
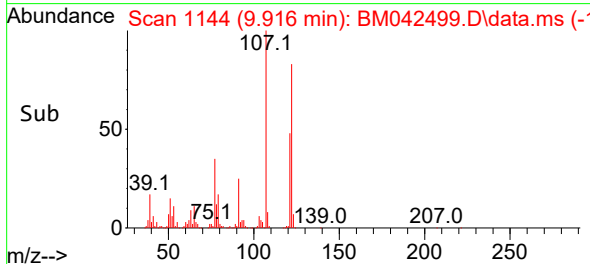
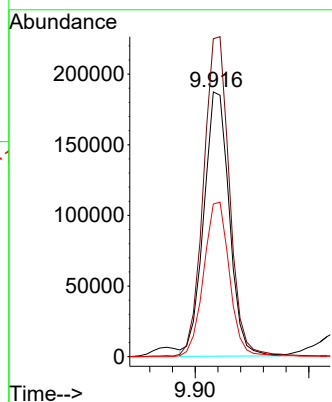
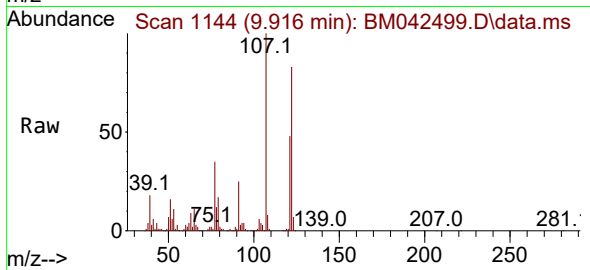




#27
2,4-Dimethylphenol
Concen: 50.125 ng
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

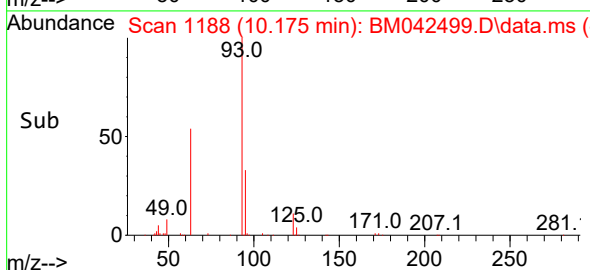
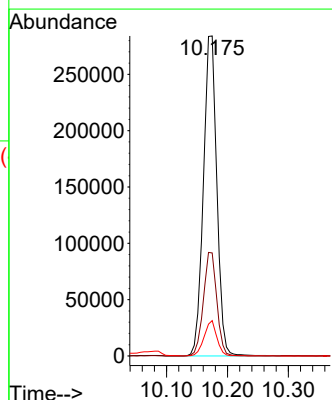
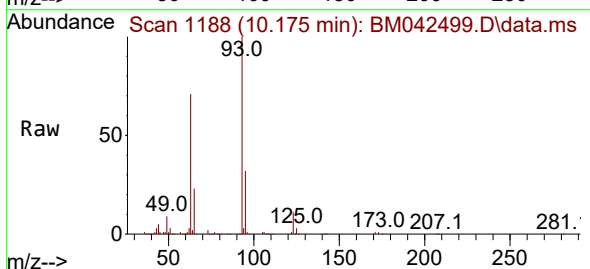
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

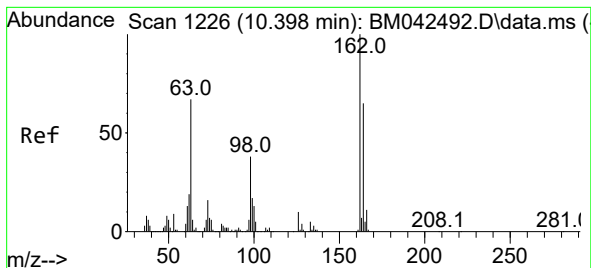
Tgt Ion:122 Resp: 292619
Ion Ratio Lower Upper
122 100
107 120.0 95.4 143.2
121 57.6 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.553 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 93 Resp: 437178
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 11.1 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 50.184 ng

RT: 10.398 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

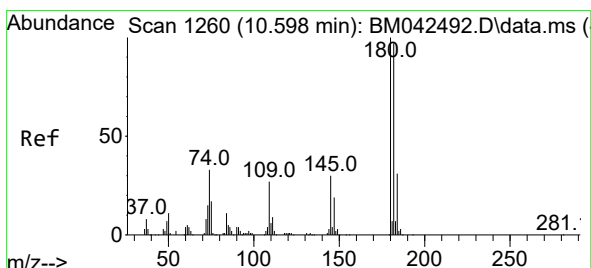
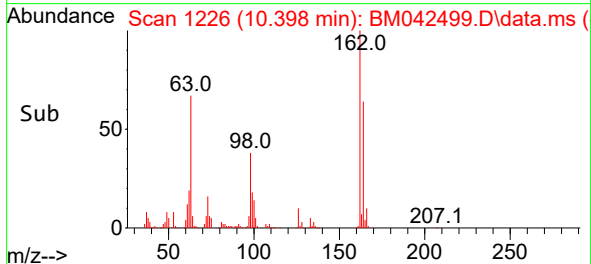
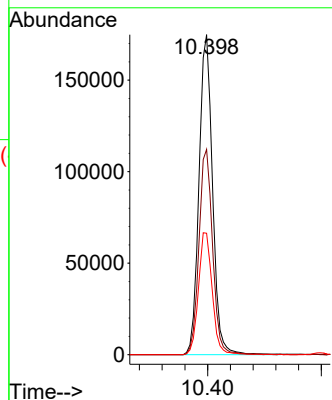
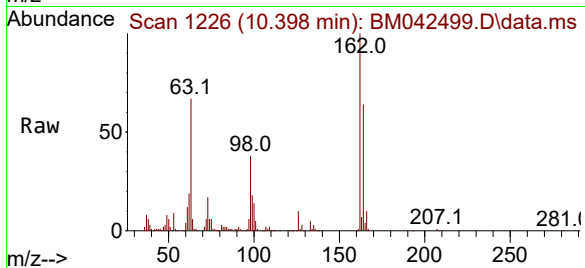
Tgt Ion:162 Resp: 289876

Ion Ratio Lower Upper

162 100

164 64.2 44.9 84.9

98 38.0 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 49.593 ng

RT: 10.598 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

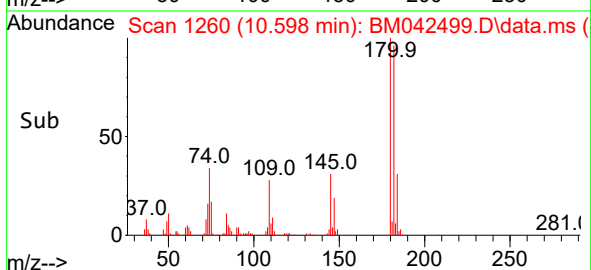
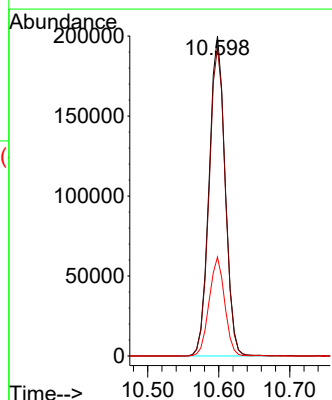
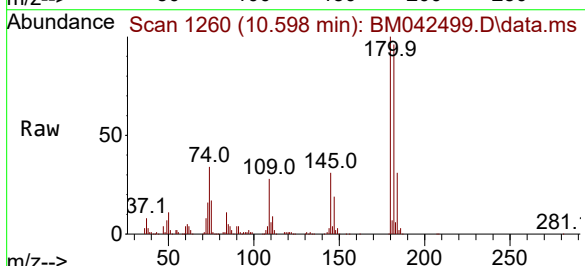
Tgt Ion:180 Resp: 313936

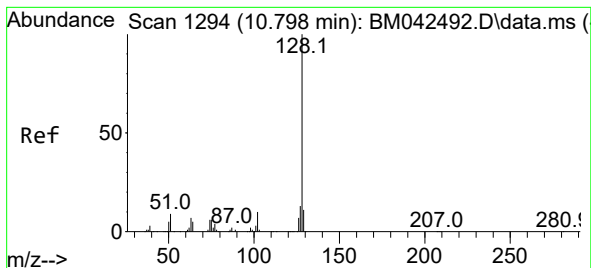
Ion Ratio Lower Upper

180 100

182 96.4 77.8 116.8

145 30.9 24.4 36.6

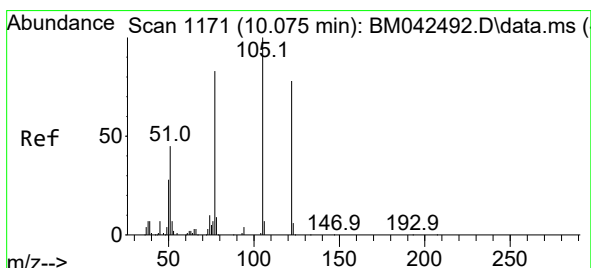
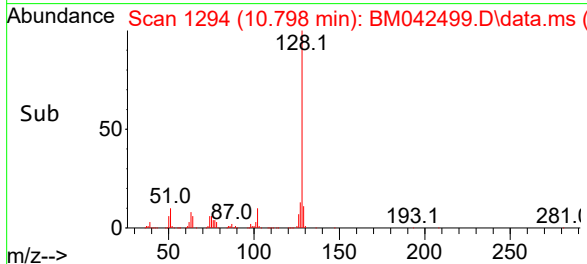
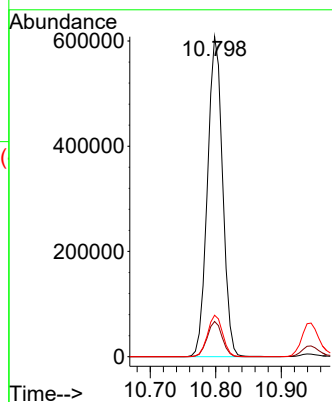
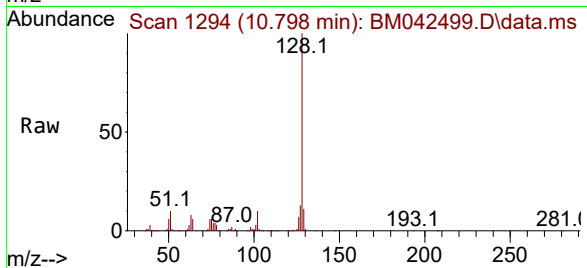




#31
Naphthalene
Concen: 46.986 ng
RT: 10.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

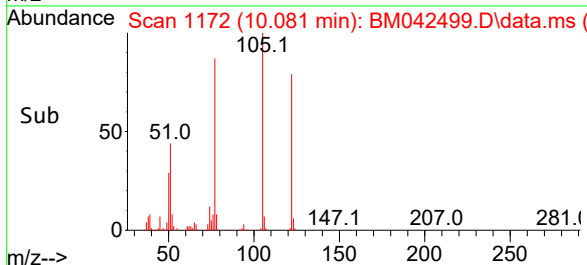
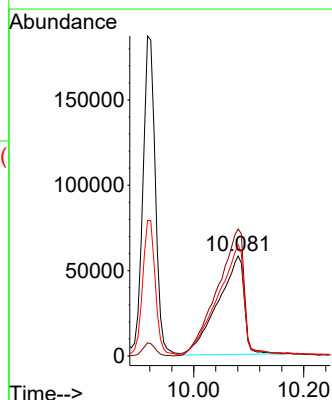
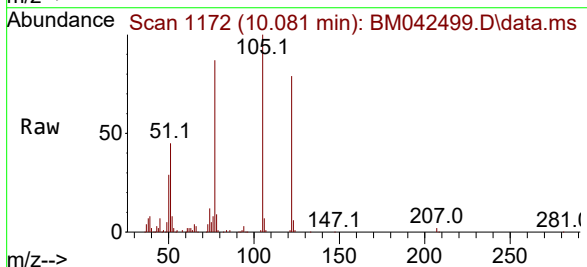
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

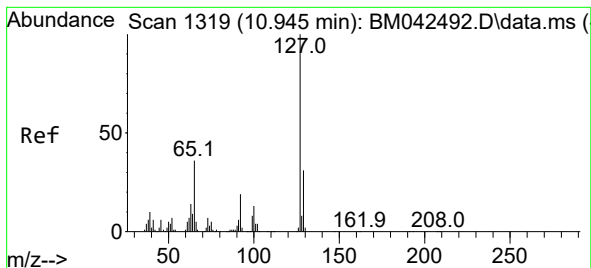
Tgt Ion:128 Resp: 975637
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 41.057 ng
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:122 Resp: 191854
Ion Ratio Lower Upper
122 100
105 127.0 105.2 145.2
77 111.1 84.8 124.8

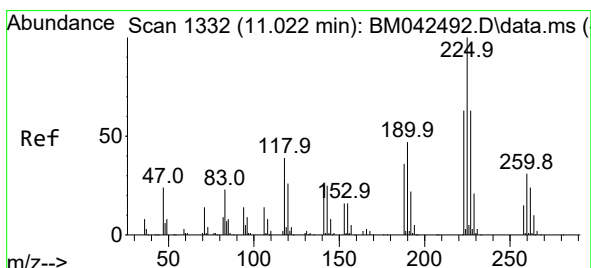
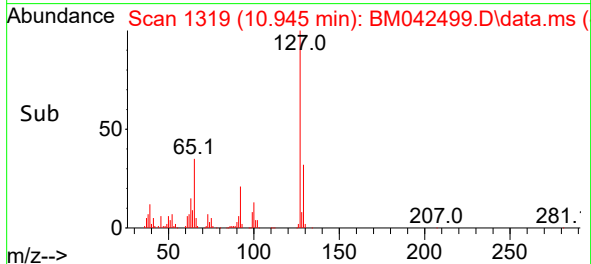
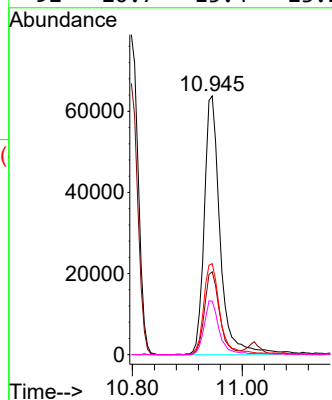
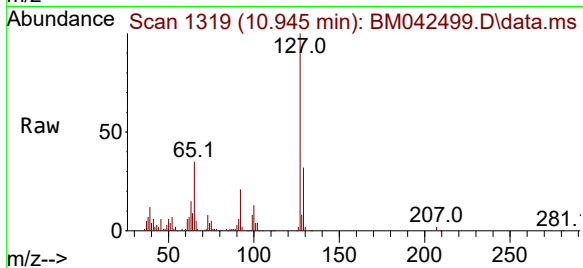




#33
4-Chloroaniline
Concen: 15.818 ng
RT: 10.945 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

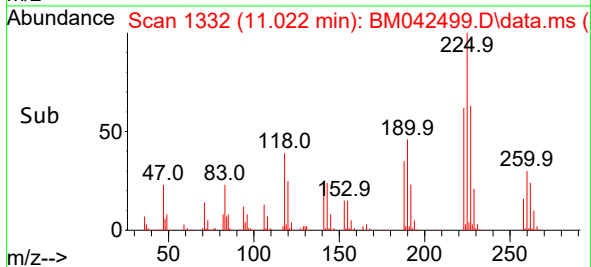
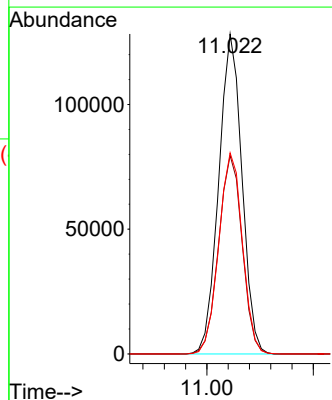
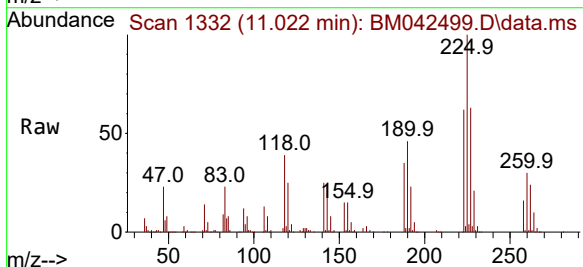
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

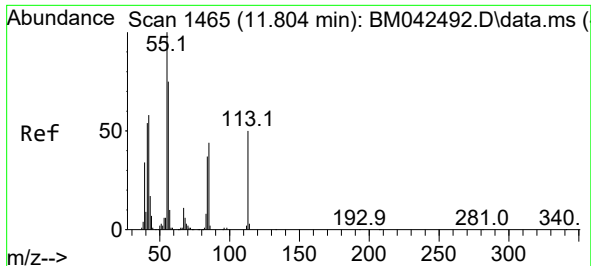
Tgt Ion:	127	Resp:	128068
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.4
65	35.2	29.0	43.4
92	20.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 50.410 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:	225	Resp:	193747
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	62.8	50.6	75.8

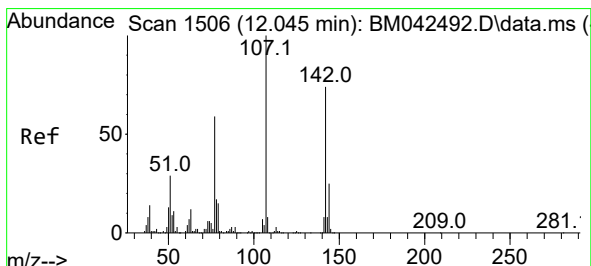
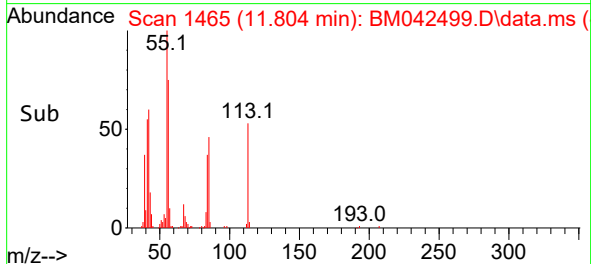
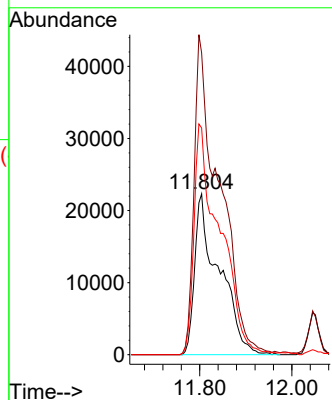
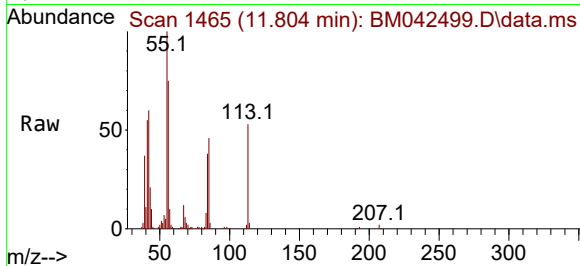




#35
 Caprolactam
 Concen: 40.220 ng
 RT: 11.804 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BM042499.D
 Acq: 30 Oct 2023 18:13

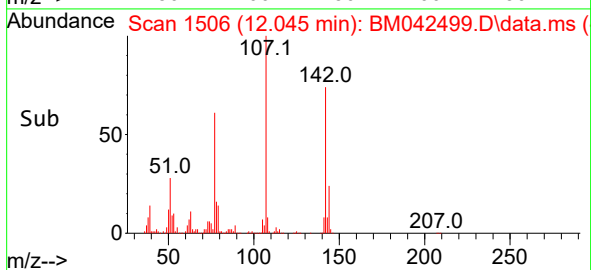
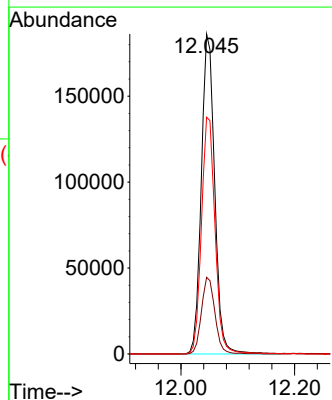
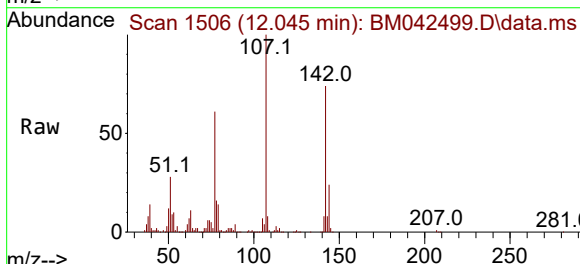
Instrument :
 BNA_M
 ClientSampleId :
 PB156526BSD

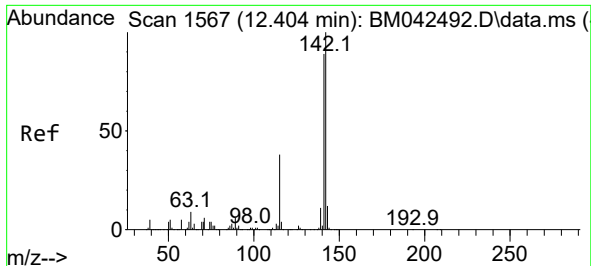
Tgt Ion:113 Resp: 81626
 Ion Ratio Lower Upper
 113 100
 55 187.6 180.9 220.9
 56 140.9 130.0 170.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.358 ng
 RT: 12.045 min Scan# 1506
 Delta R.T. -0.000 min
 Lab File: BM042499.D
 Acq: 30 Oct 2023 18:13

Tgt Ion:107 Resp: 304745
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.2 30.2
 142 74.0 59.5 89.3

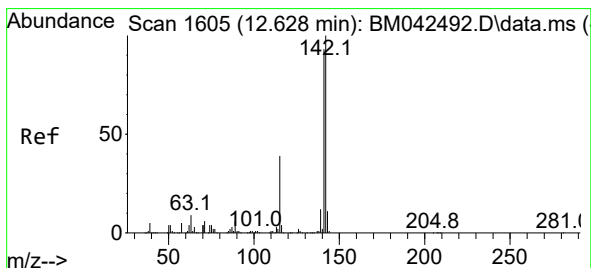
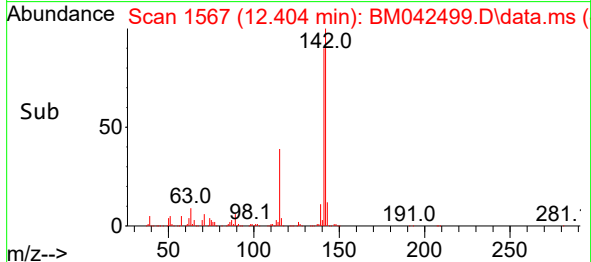
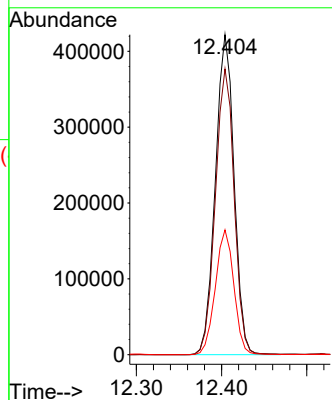
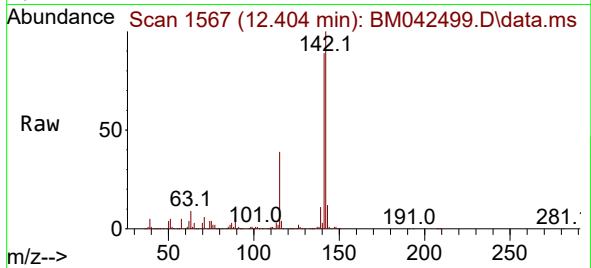




#37
2-Methylnaphthalene
Concen: 44.025 ng
RT: 12.404 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

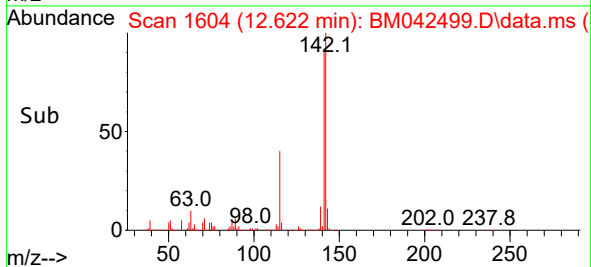
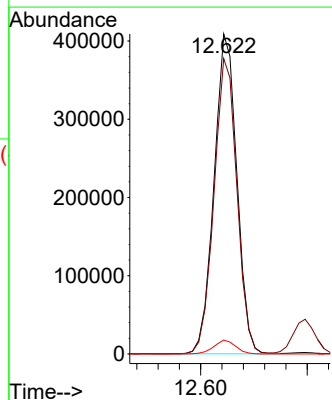
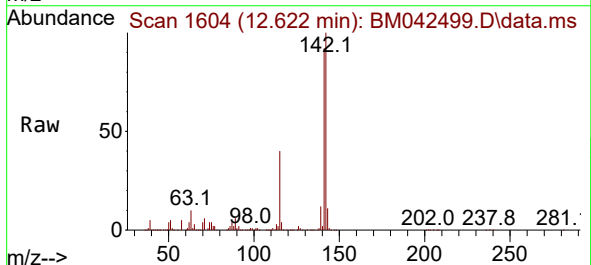
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

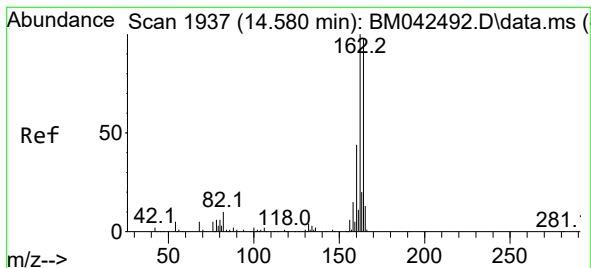
Tgt Ion:142 Resp: 643807
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3
115 39.0 30.2 45.2



#38
1-Methylnaphthalene
Concen: 44.064 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:142 Resp: 606529
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6
116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

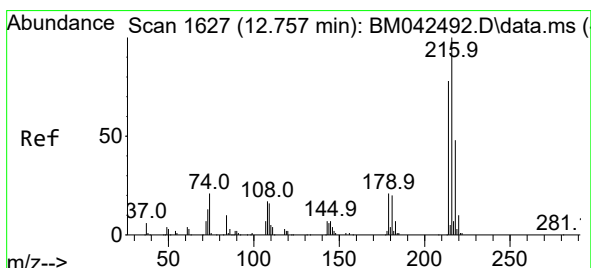
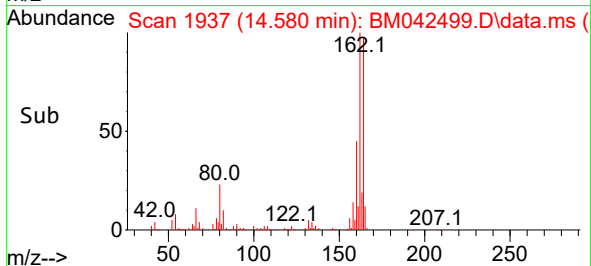
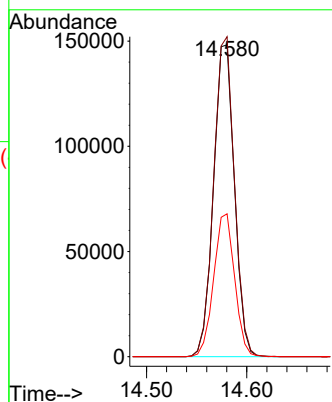
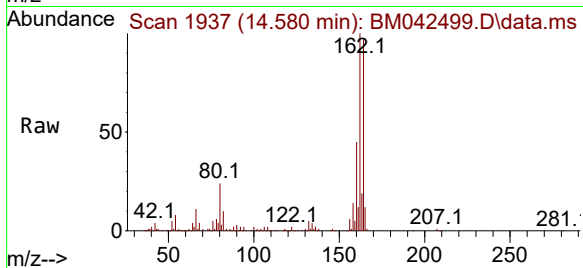
Tgt Ion:164 Resp: 214386

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

160 45.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.285 ng

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Tgt Ion:216 Resp: 334869

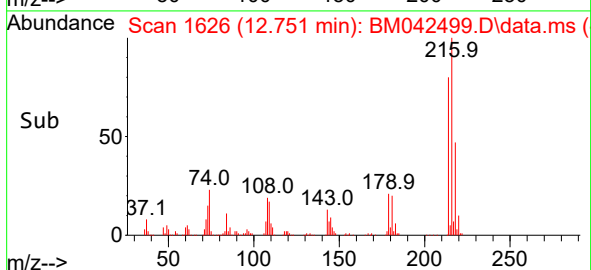
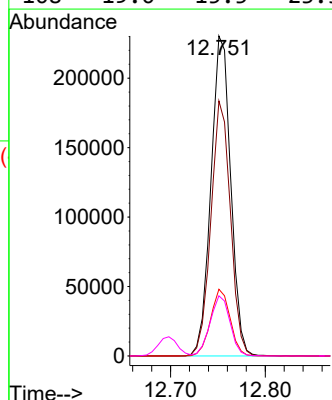
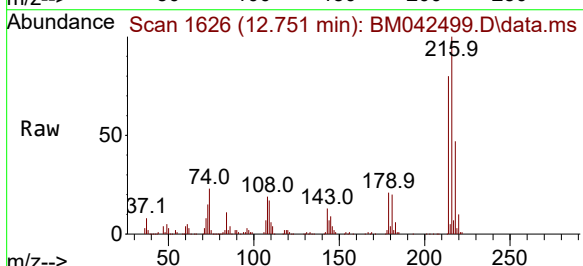
Ion Ratio Lower Upper

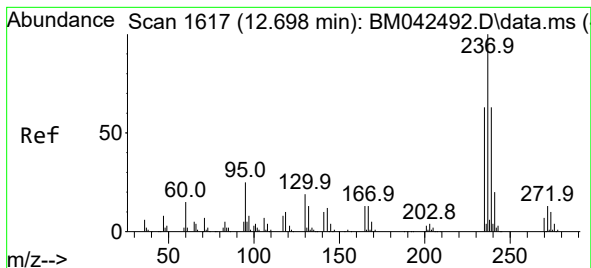
216 100

214 78.7 62.5 93.7

179 20.6 16.7 25.1

108 19.0 15.5 23.3

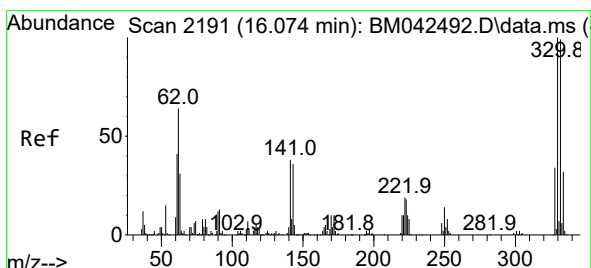
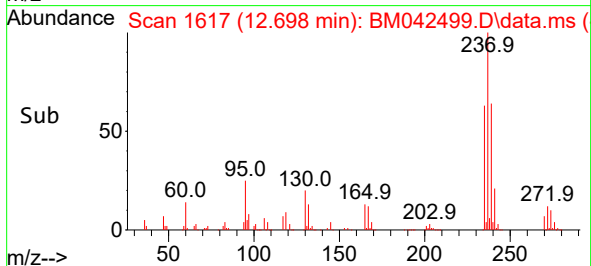
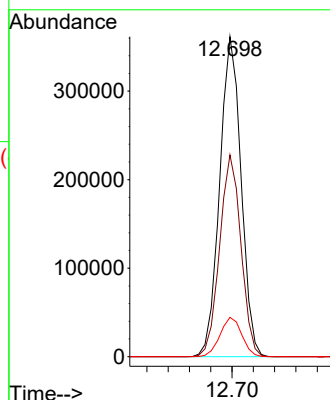
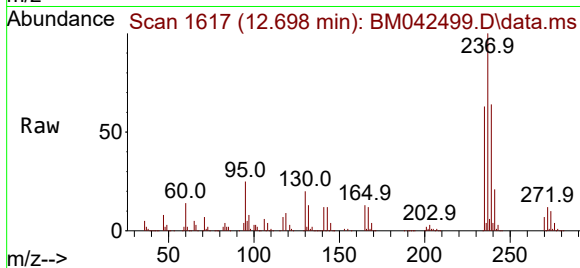




#41
Hexachlorocyclopentadiene
Concen: 127.117 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

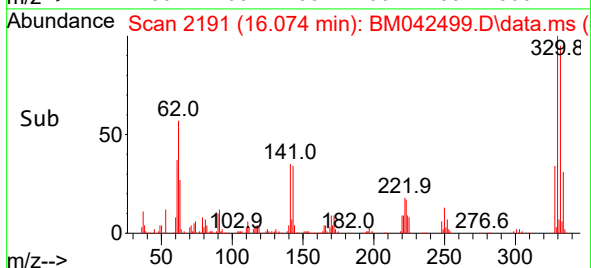
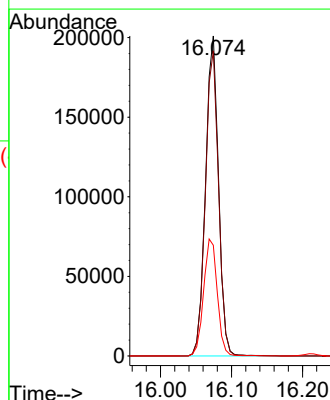
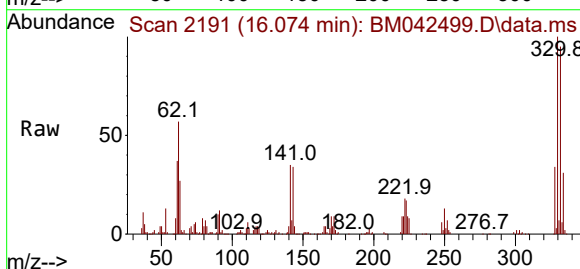
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

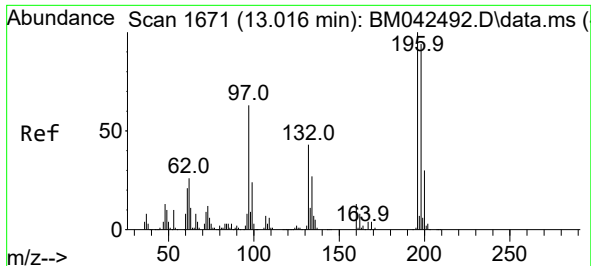
Tgt Ion:237 Resp: 503001
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 12.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 91.481 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:330 Resp: 256056
Ion Ratio Lower Upper
330 100
332 96.7 78.8 118.2
141 38.4 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 53.686 ng

RT: 13.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

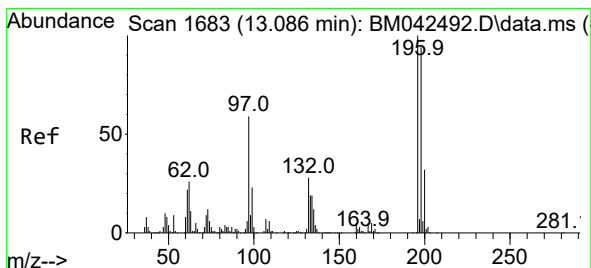
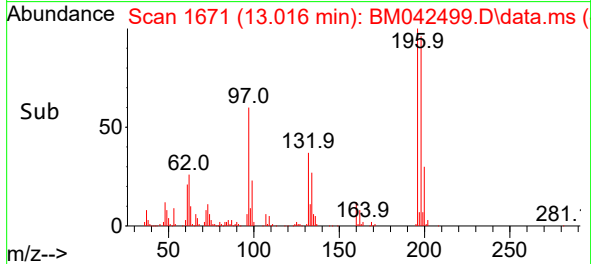
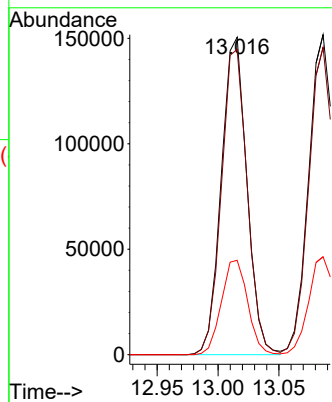
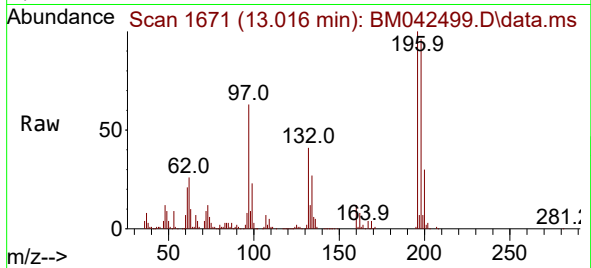
Tgt Ion:196 Resp: 220232

Ion Ratio Lower Upper

196 100

198 96.2 75.2 112.8

200 29.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.028 ng

RT: 13.086 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Tgt Ion:196 Resp: 234454

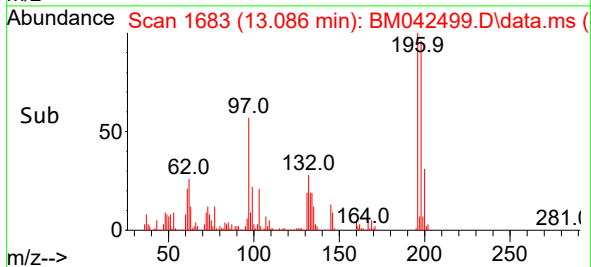
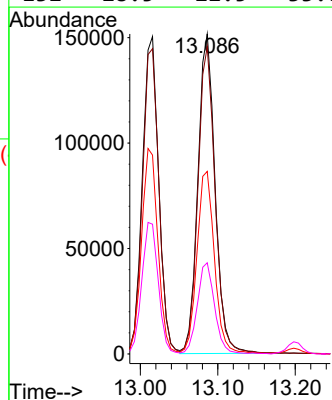
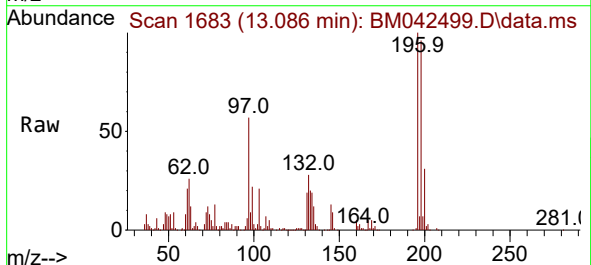
Ion Ratio Lower Upper

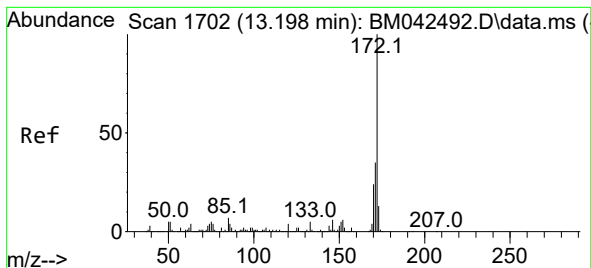
196 100

198 96.0 75.1 112.7

97 57.1 47.4 71.0

132 28.5 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 98.987 ng

RT: 13.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

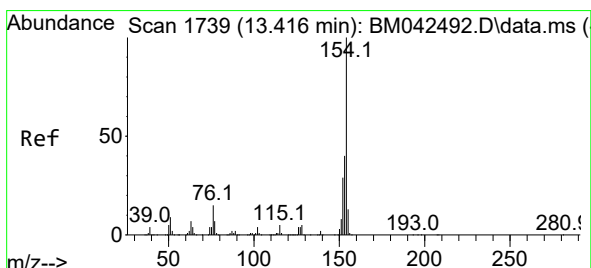
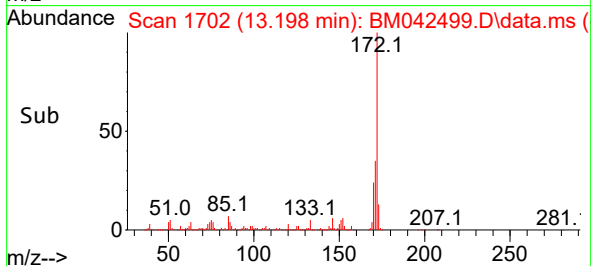
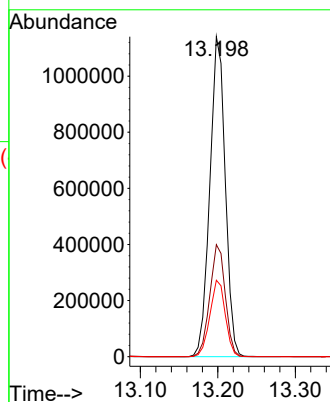
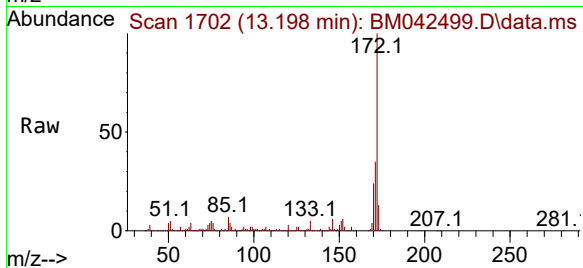
Tgt Ion:172 Resp: 1577104

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.054 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

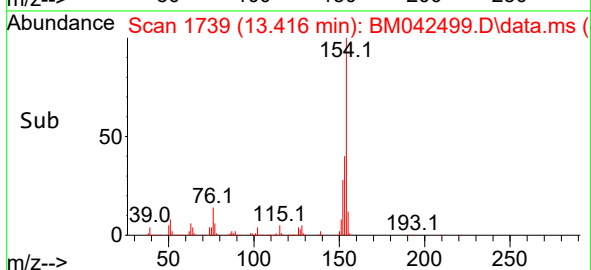
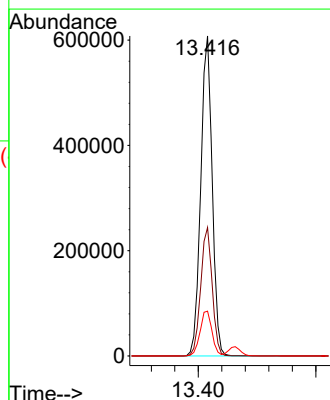
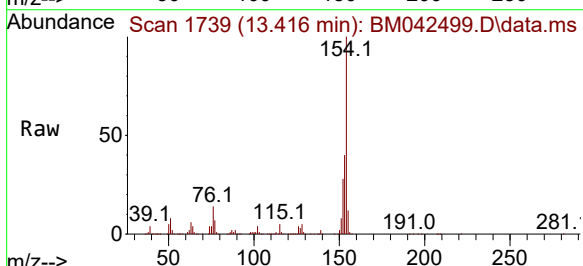
Tgt Ion:154 Resp: 820293

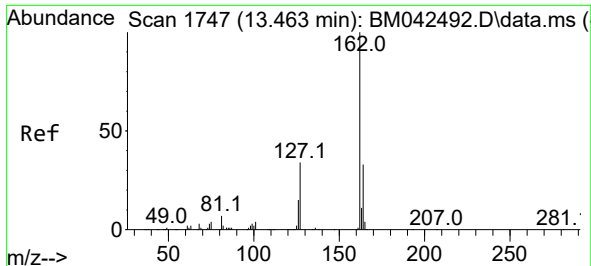
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 14.0 0.0 35.0

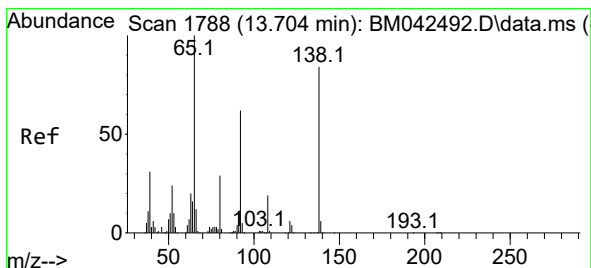
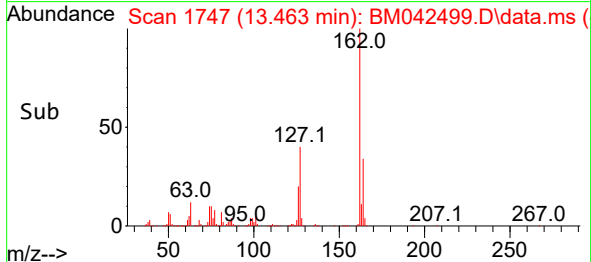
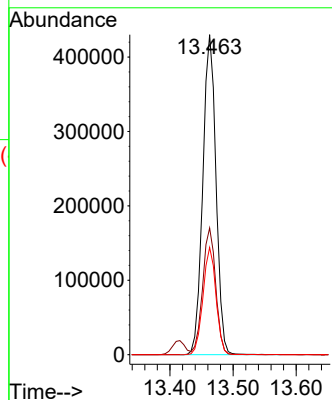
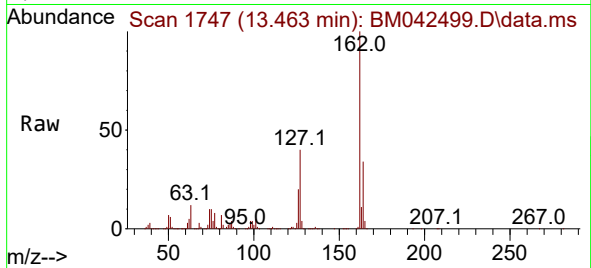




#47
2-Chloronaphthalene
Concen: 52.046 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

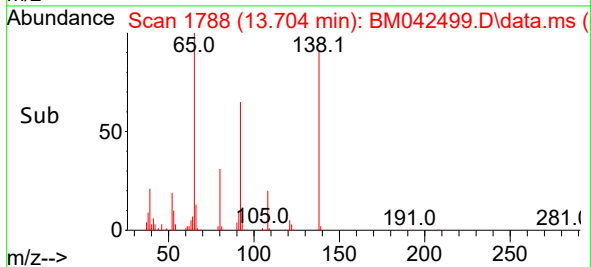
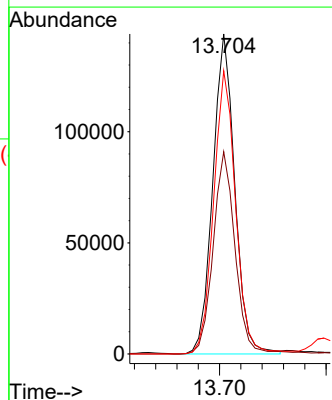
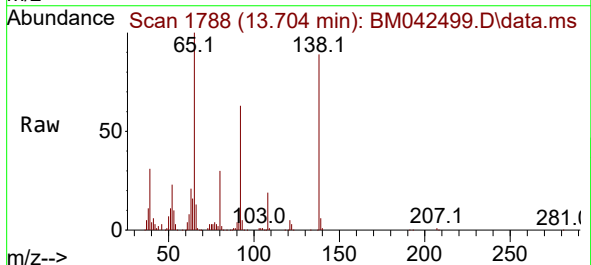
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

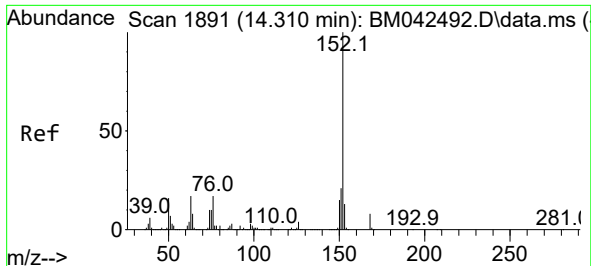
Tgt Ion:162 Resp: 625721
Ion Ratio Lower Upper
162 100
127 39.6 31.1 46.7
164 33.5 26.2 39.4



#48
2-Nitroaniline
Concen: 42.957 ng
RT: 13.704 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion: 65 Resp: 205867
Ion Ratio Lower Upper
65 100
92 63.2 49.4 74.2
138 88.5 66.9 100.3

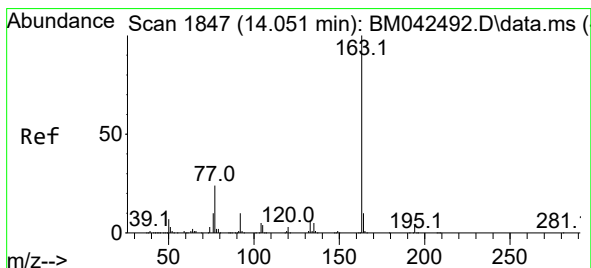
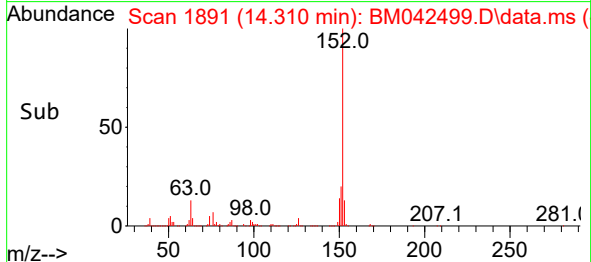
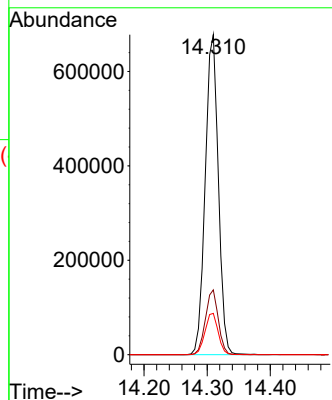
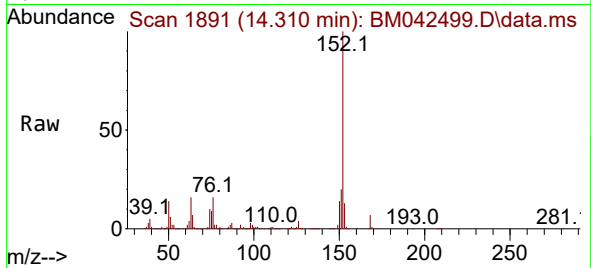




#49
Acenaphthylene
Concen: 48.965 ng
RT: 14.310 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

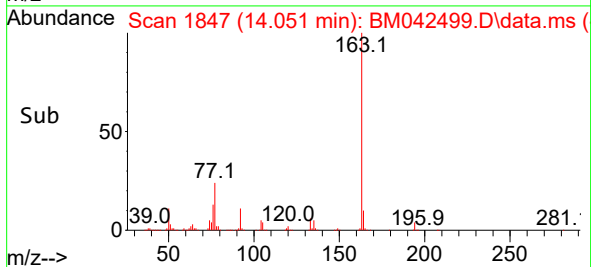
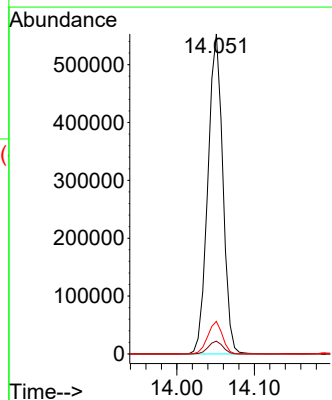
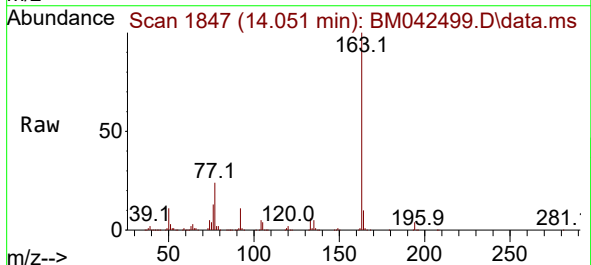
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

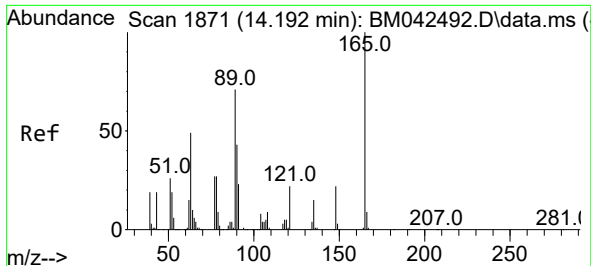
Tgt Ion:152 Resp: 974947
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 46.149 ng
RT: 14.051 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:163 Resp: 739466
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.8 11.8

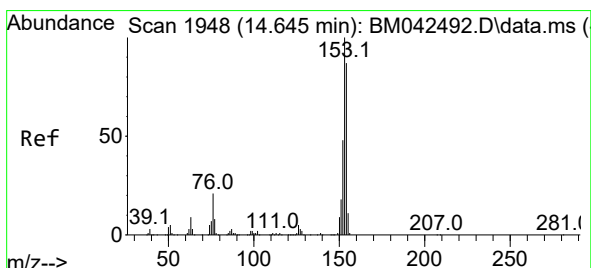
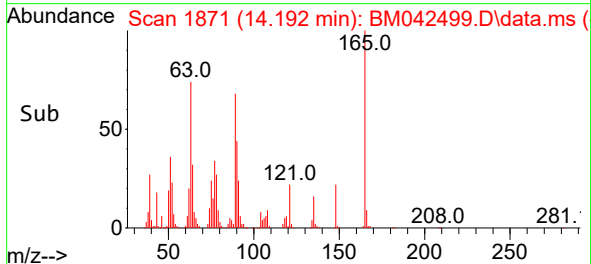
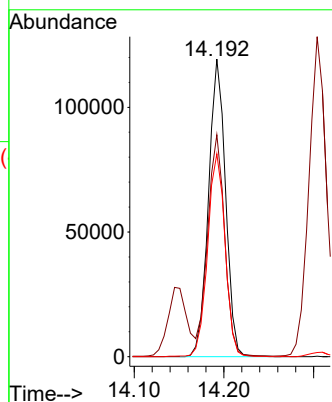
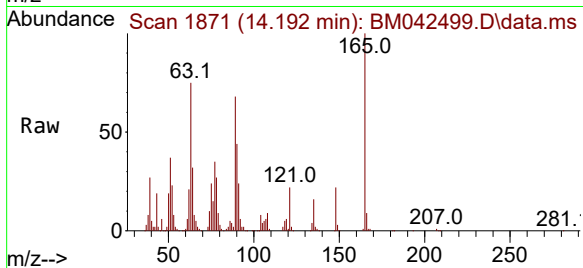




#51
2,6-Dinitrotoluene
Concen: 47.641 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

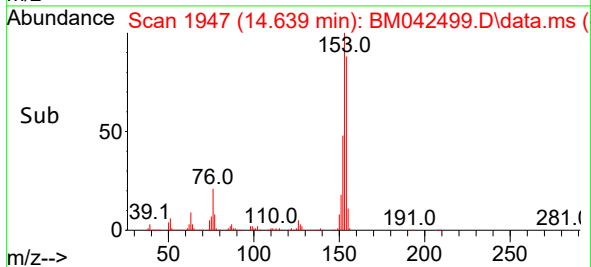
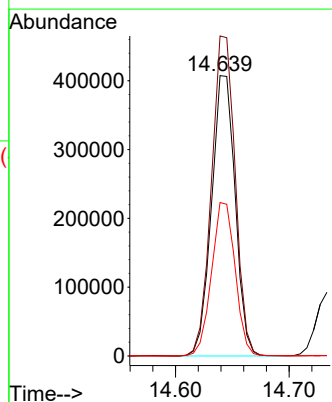
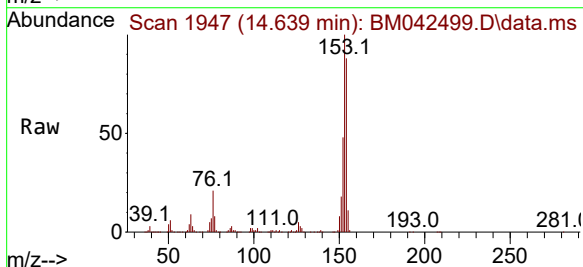
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

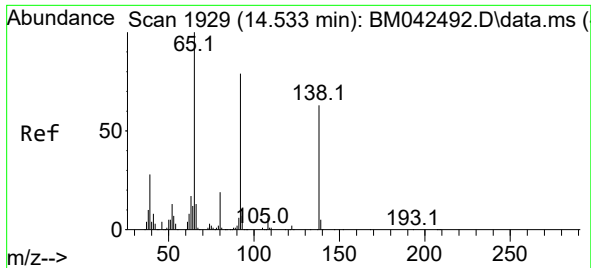
Tgt Ion:165 Resp: 157326
Ion Ratio Lower Upper
165 100
63 74.6 59.4 89.0
89 68.2 57.0 85.6



#52
Acenaphthene
Concen: 48.781 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:154 Resp: 589462
Ion Ratio Lower Upper
154 100
153 114.2 92.0 138.0
152 54.8 44.0 66.0

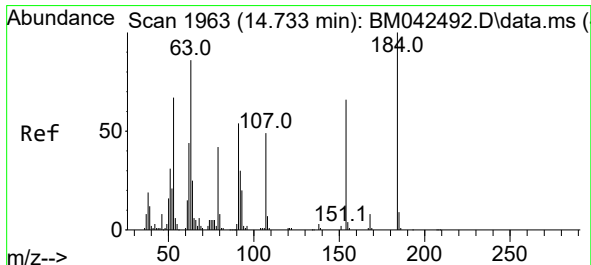
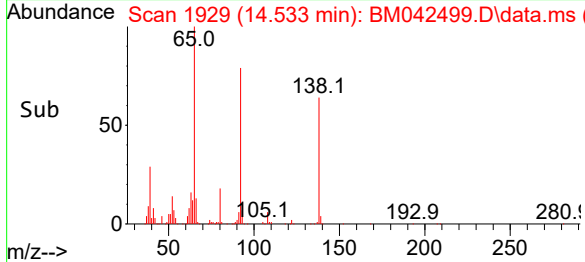
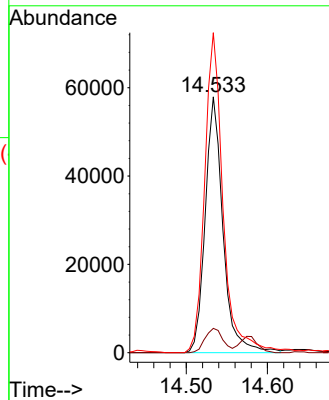
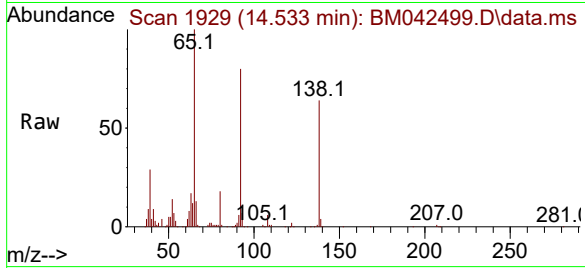




#53
3-Nitroaniline
Concen: 26.019 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

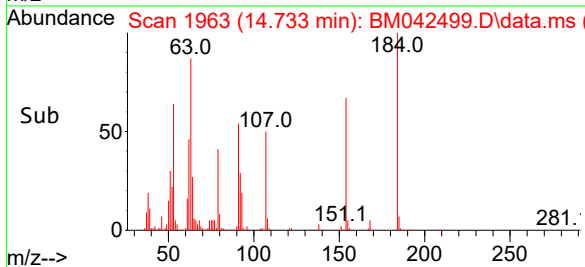
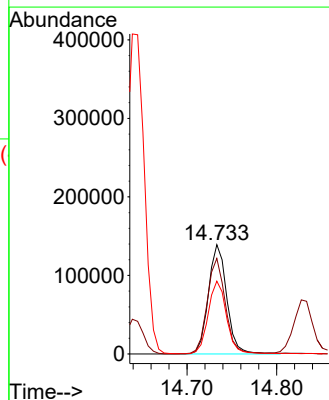
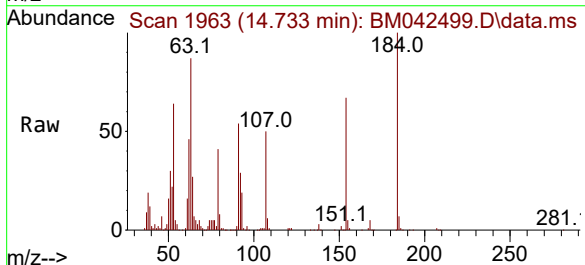
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

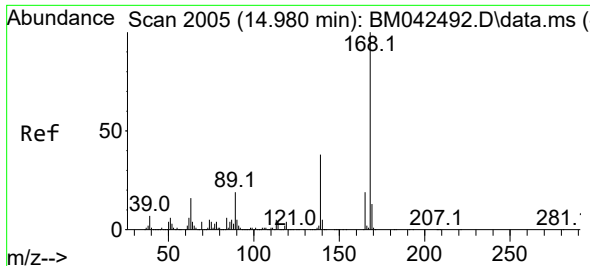
Tgt Ion:138 Resp: 88242
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 125.1 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 84.032 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:184 Resp: 197928
Ion Ratio Lower Upper
184 100
63 87.4 69.2 103.8
154 66.6 53.2 79.8

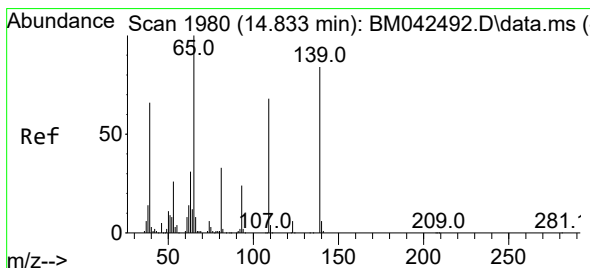
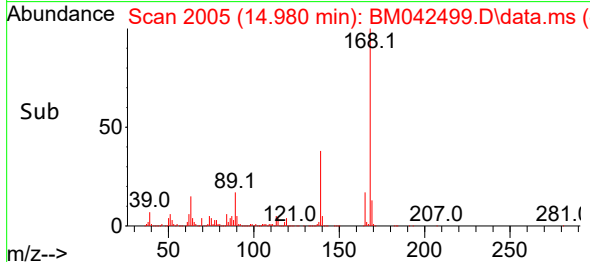
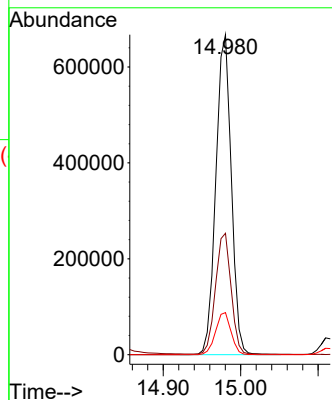
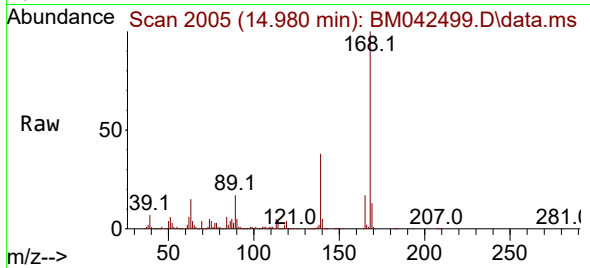




#55
Dibenzenofuran
Concen: 47.207 ng
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

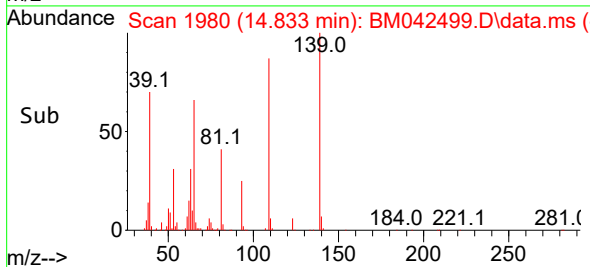
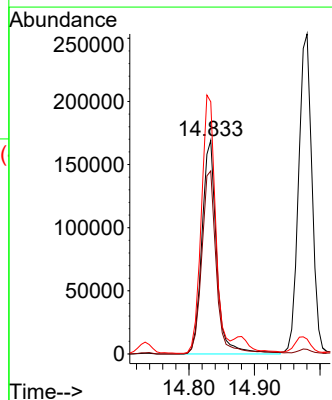
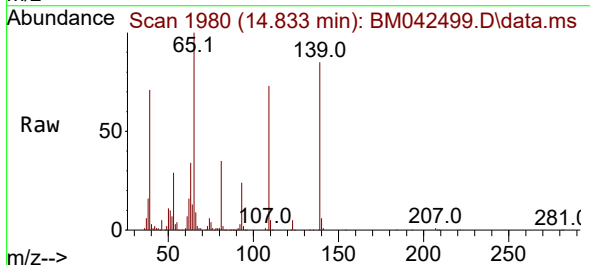
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

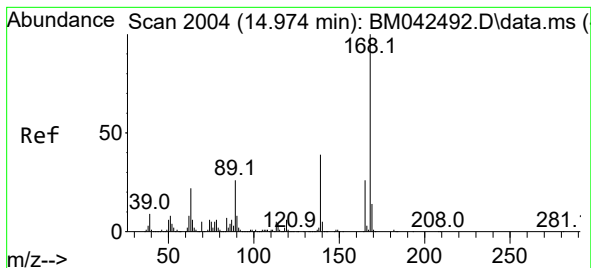
Tgt Ion:168 Resp: 927487
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 87.474 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:139 Resp: 264629
Ion Ratio Lower Upper
139 100
109 85.7 61.3 101.3
65 118.1 100.2 140.2

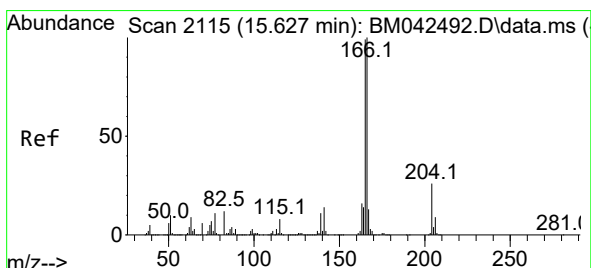
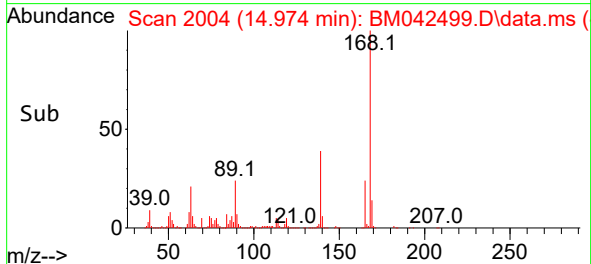
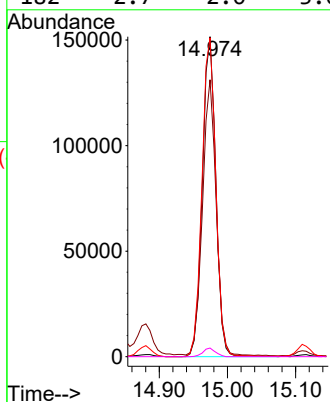
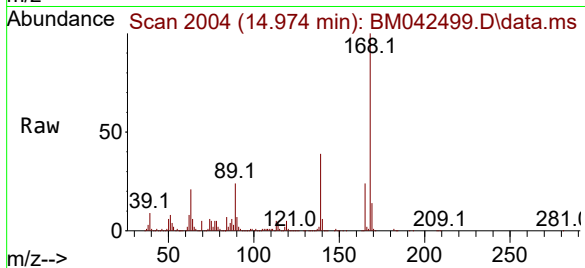




#57
2,4-Dinitrotoluene
Concen: 42.086 ng
RT: 14.974 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

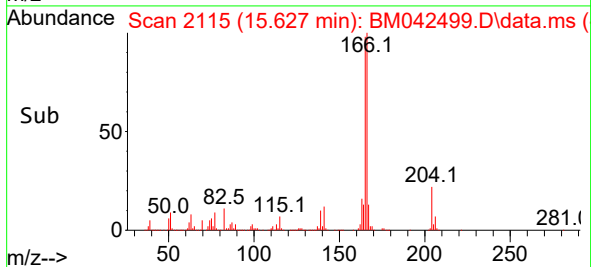
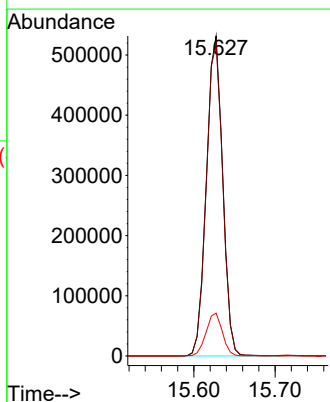
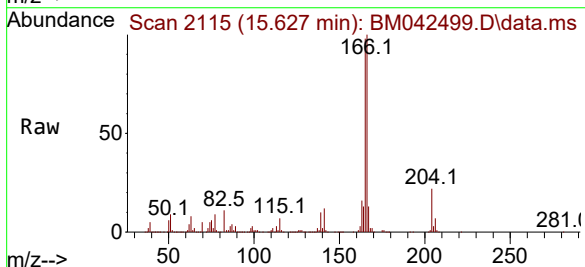
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

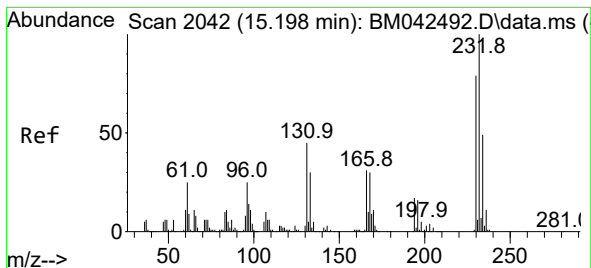
Tgt Ion:165 Resp: 207940
Ion Ratio Lower Upper
165 100
63 86.6 66.7 100.1
89 99.7 80.2 120.4
182 2.7 2.0 3.0



#58
Fluorene
Concen: 46.605 ng
RT: 15.627 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:166 Resp: 740864
Ion Ratio Lower Upper
166 100
165 97.7 79.3 118.9
167 13.4 10.5 15.7

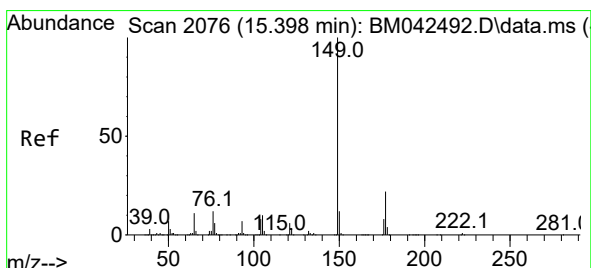
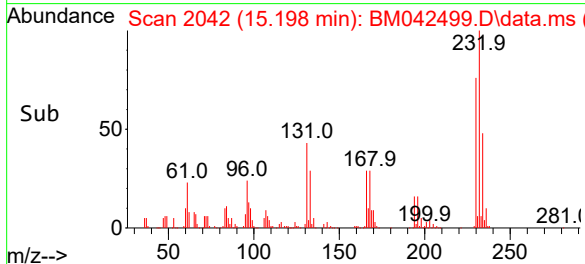
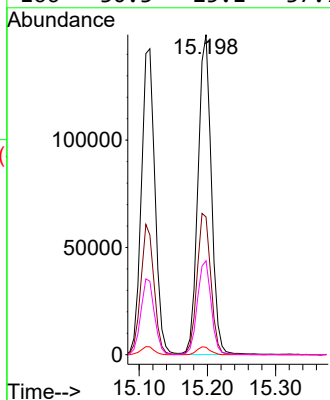
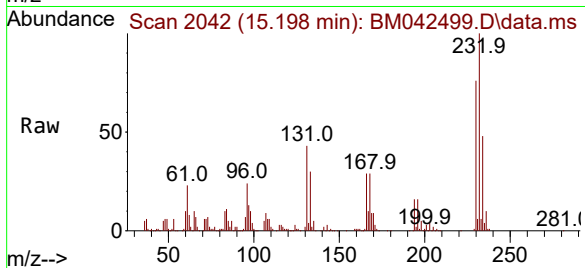




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.308 ng
RT: 15.198 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

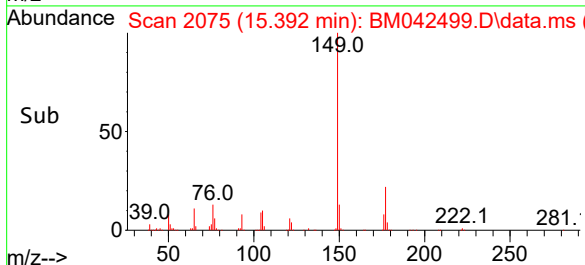
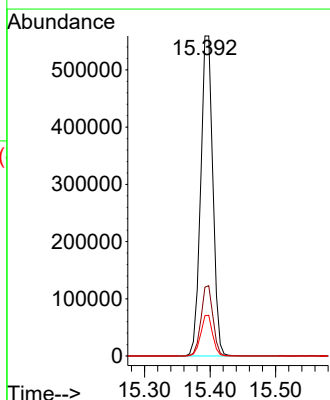
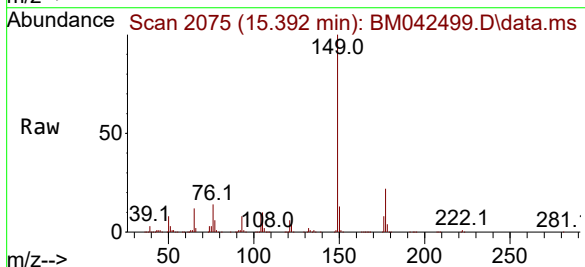
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

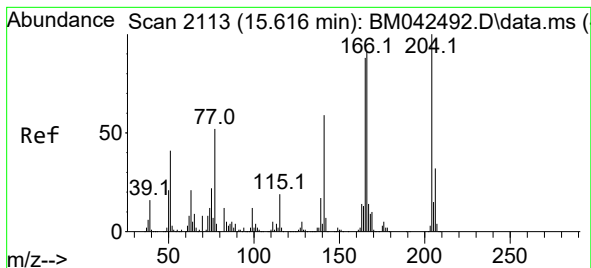
Tgt Ion:232 Resp: 202736
Ion Ratio Lower Upper
232 100
131 45.8 37.2 55.8
130 2.4 2.1 3.1
166 30.3 25.1 37.7



#60
Diethylphthalate
Concen: 44.538 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:149 Resp: 722998
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.6 9.8 14.6

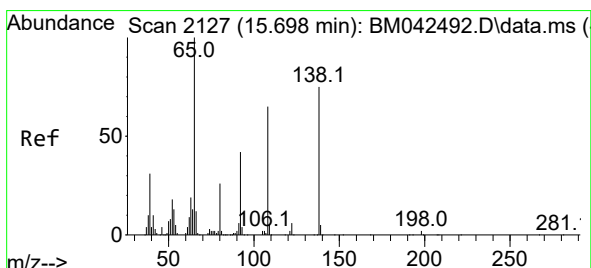
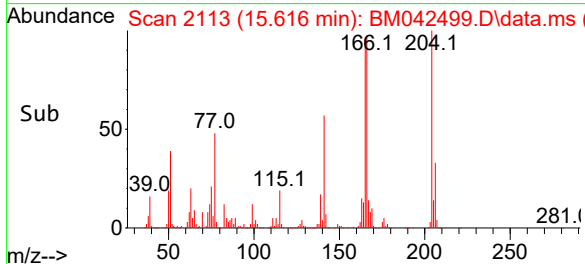
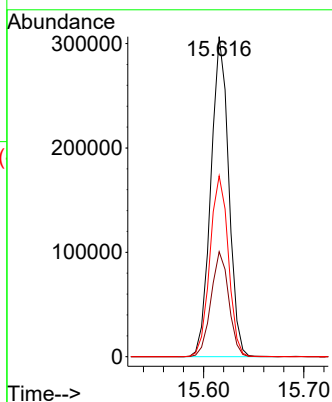
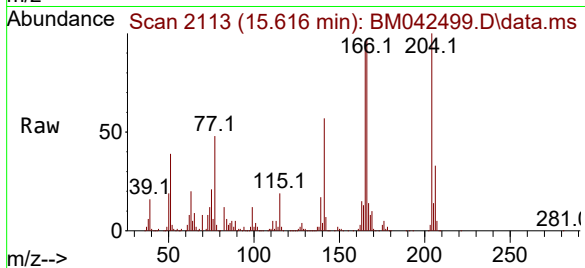




#61
4-Chlorophenyl-phenylether
Concen: 47.270 ng
RT: 15.616 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

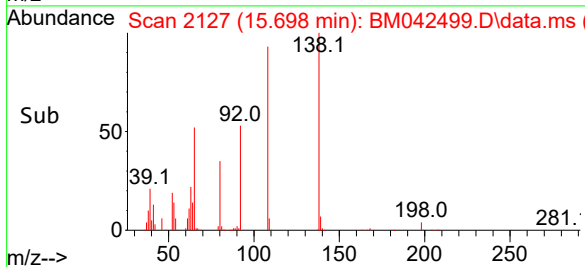
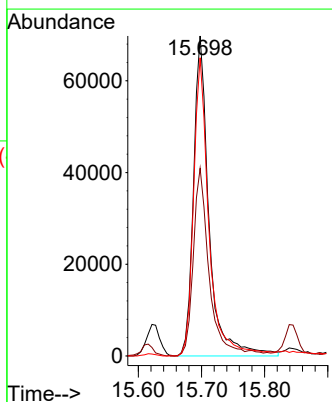
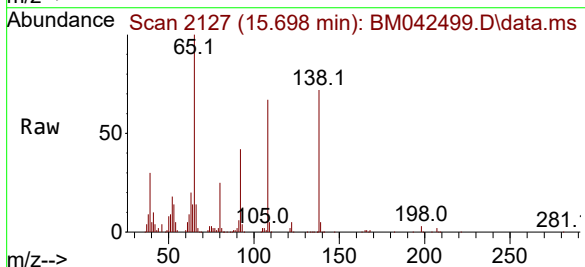
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

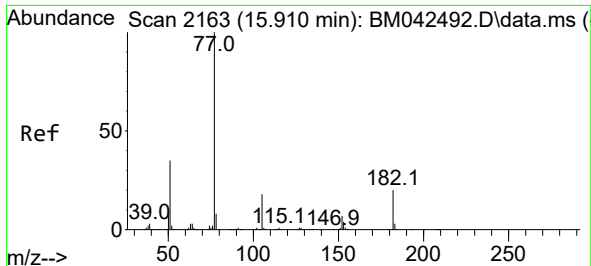
Tgt Ion:204 Resp: 379621
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 56.5 46.8 70.2



#62
4-Nitroaniline
Concen: 37.434 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:138 Resp: 119076
Ion Ratio Lower Upper
138 100
92 58.7 37.0 77.0
108 93.2 67.2 107.2

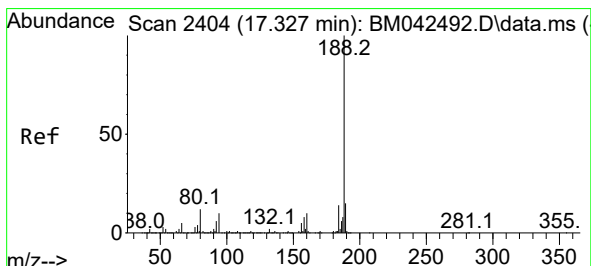
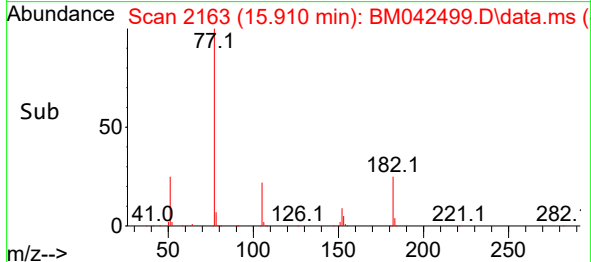
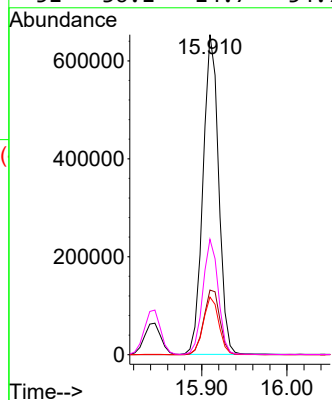
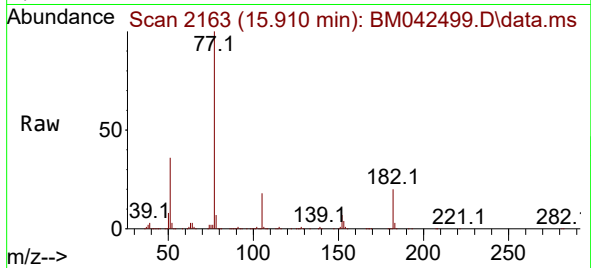




#63
Azobenzene
Concen: 46.460 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

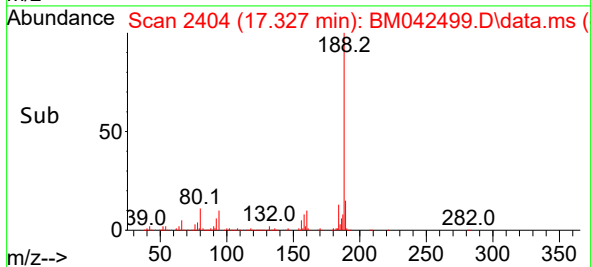
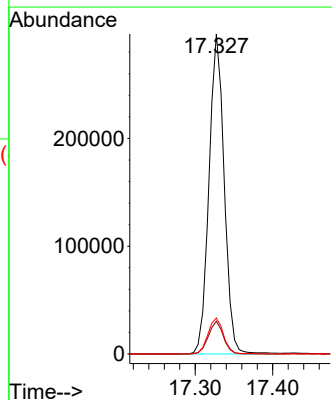
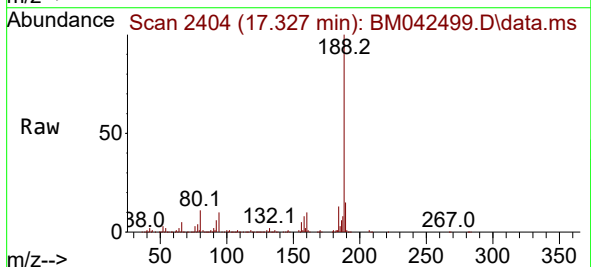
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

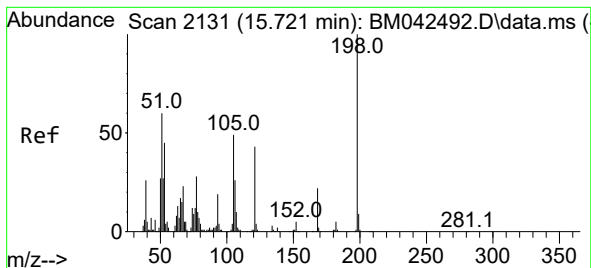
Tgt Ion: 77	Resp: 831098
Ion Ratio	Lower Upper
77 100	
182 20.2	0.0 40.0
105 18.0	0.0 37.9
51 36.1	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:188	Resp: 404228		
Ion Ratio	Lower	Upper	
188 100			
94 10.3	8.2	12.4	
80 11.3	9.4	14.2	

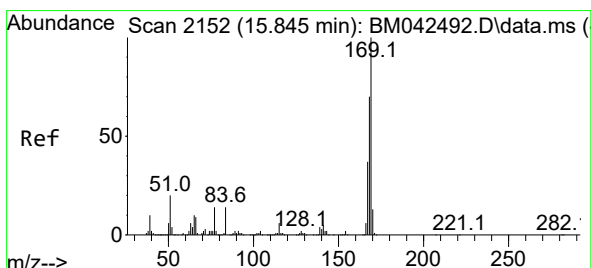
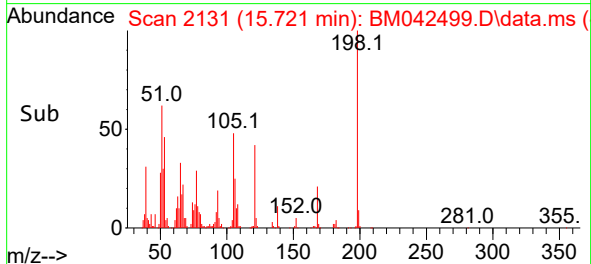
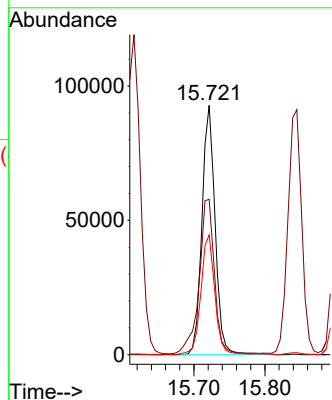
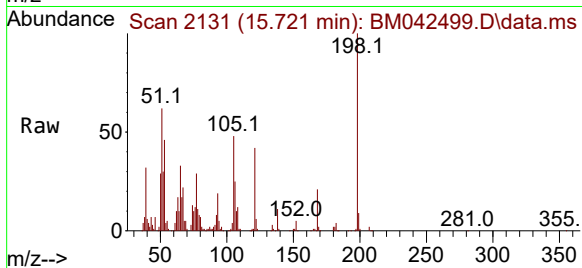




#65
4,6-Dinitro-2-methylphenol
Concen: 46.221 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

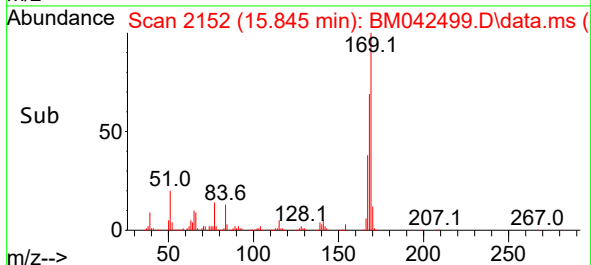
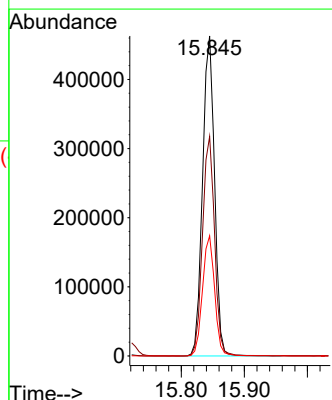
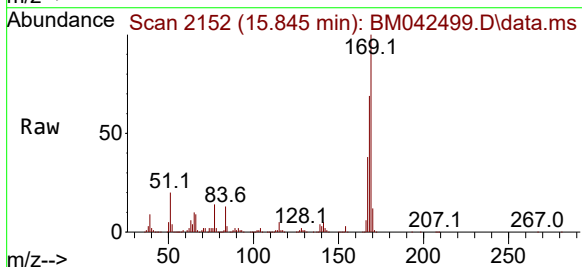
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

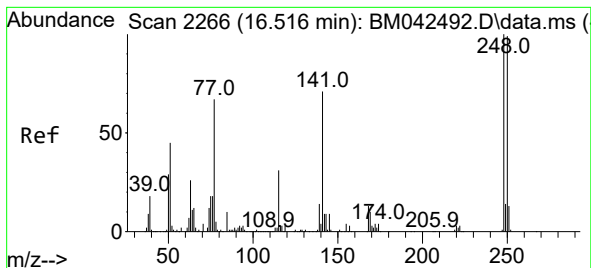
Tgt Ion:198 Resp: 119471
Ion Ratio Lower Upper
198 100
51 62.3 42.4 82.4
105 48.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 53.549 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:169 Resp: 610337
Ion Ratio Lower Upper
169 100
168 68.6 55.9 83.9
167 37.5 29.8 44.8

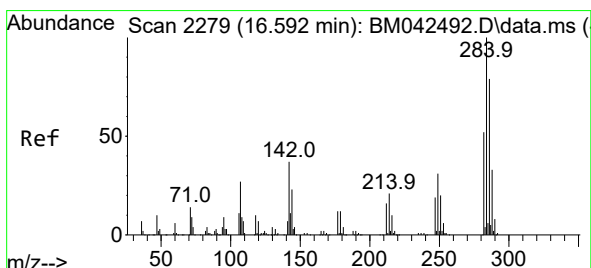
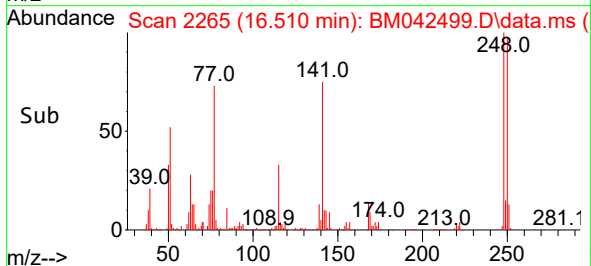
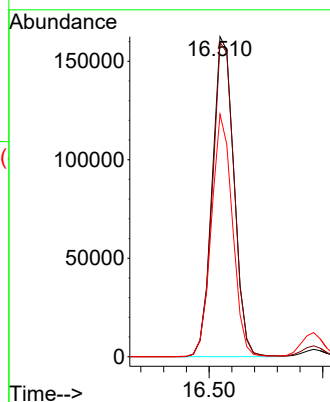
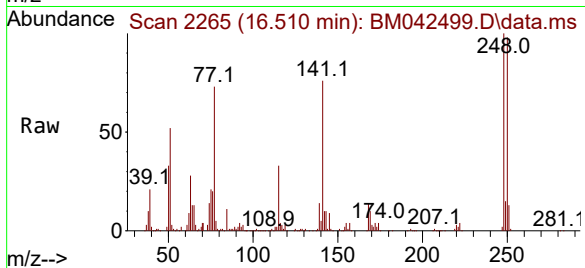




#67
4-Bromophenyl-phenylether
Concen: 53.258 ng
RT: 16.510 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

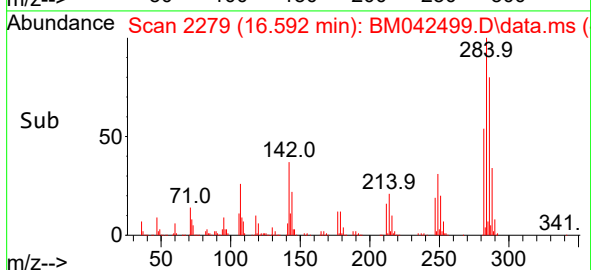
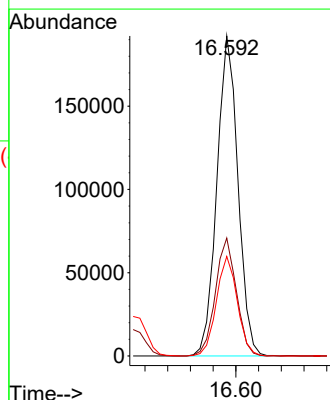
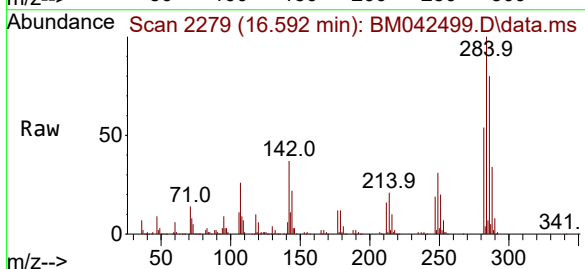
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

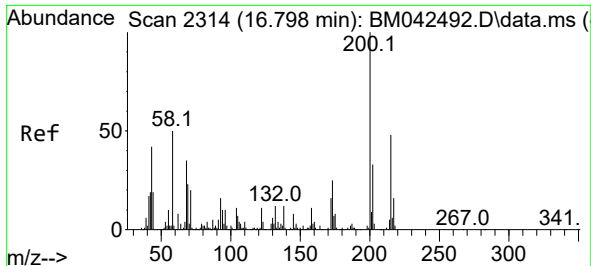
Tgt Ion:248 Resp: 215271
Ion Ratio Lower Upper
248 100
250 98.2 79.4 119.0
141 75.7 57.0 85.6



#68
Hexachlorobenzene
Concen: 55.414 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:284 Resp: 247794
Ion Ratio Lower Upper
284 100
142 36.9 29.8 44.6
249 31.1 25.1 37.7

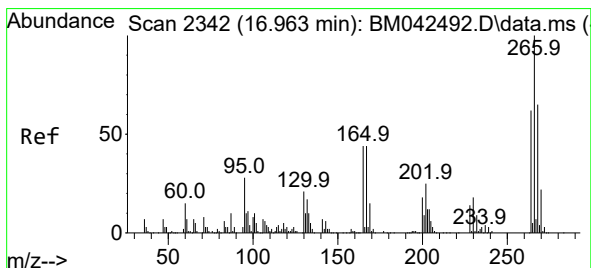
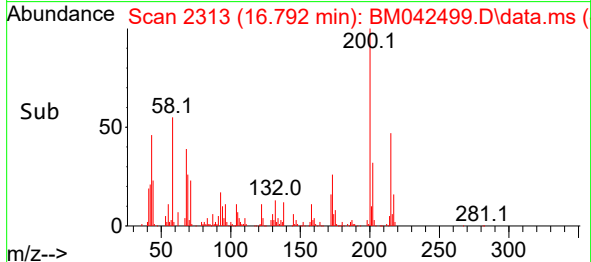
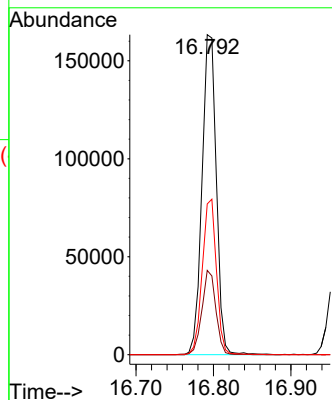
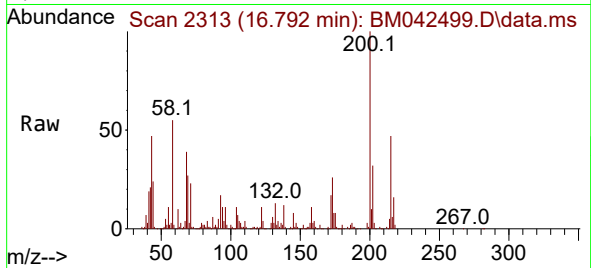




#69
Atrazine
Concen: 63.751 ng
RT: 16.792 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

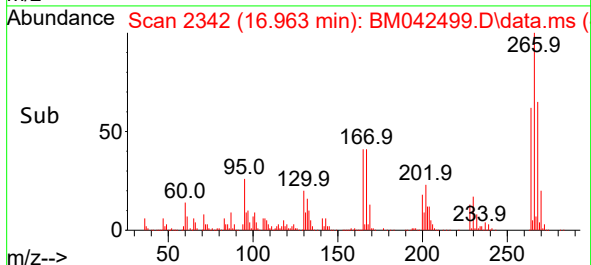
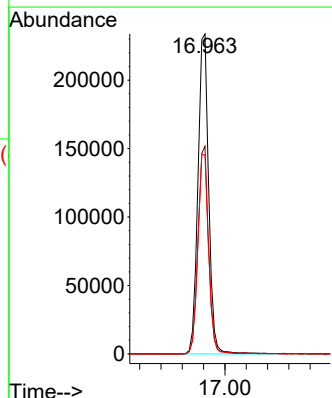
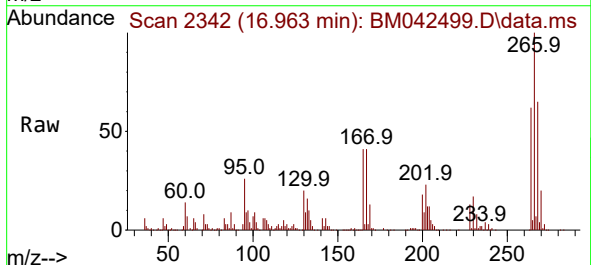
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

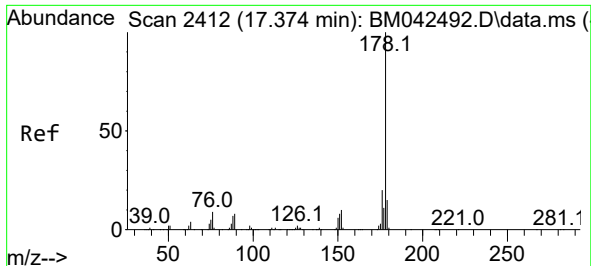
Tgt Ion:200 Resp: 209957
Ion Ratio Lower Upper
200 100
173 26.4 5.4 45.4
215 47.1 27.9 67.9



#70
Pentachlorophenol
Concen: 99.638 ng
RT: 16.963 min Scan# 2342
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:266 Resp: 327557
Ion Ratio Lower Upper
266 100
268 64.9 51.7 77.5
264 62.1 49.4 74.2

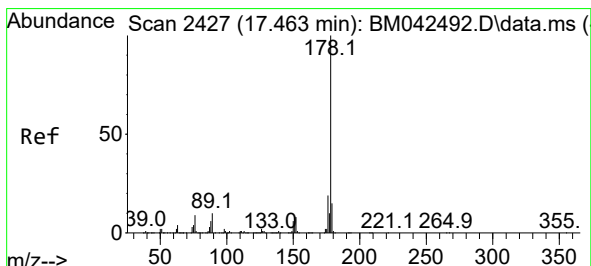
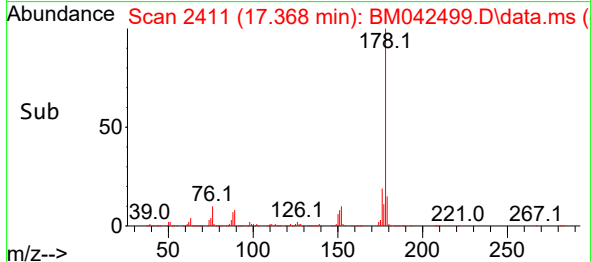
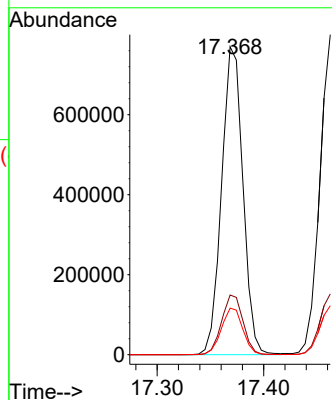
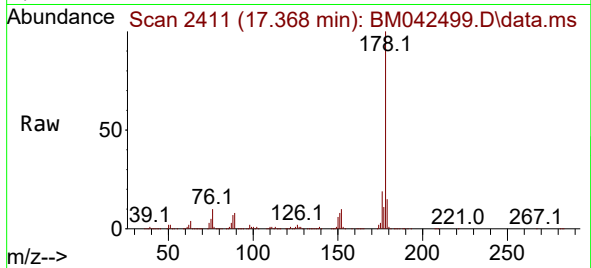




#71
Phenanthrene
Concen: 50.603 ng
RT: 17.368 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

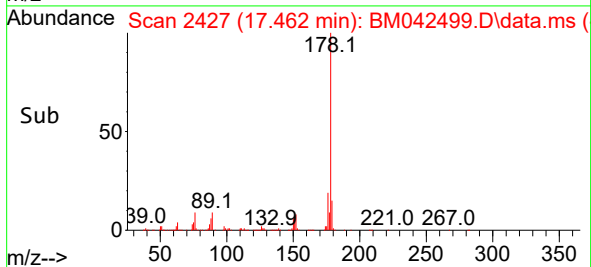
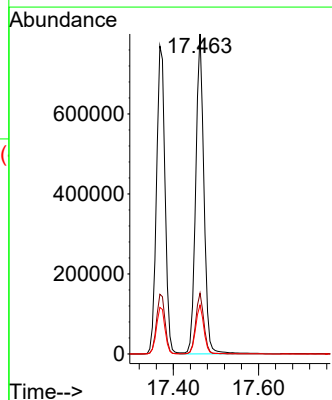
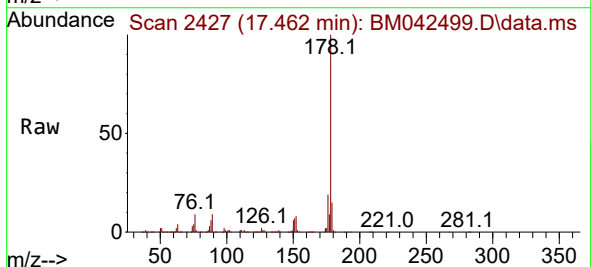
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

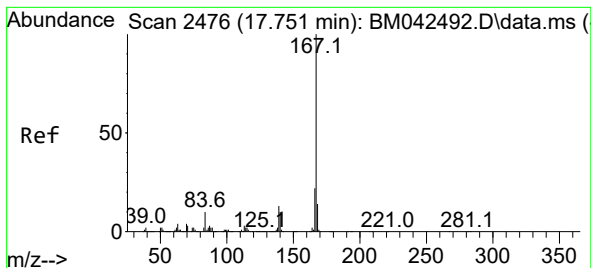
Tgt Ion:178 Resp: 1068976
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.1 12.2 18.4



#72
Anthracene
Concen: 51.036 ng
RT: 17.462 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:178 Resp: 1067861
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.3 12.3 18.5





#73

Carbazole

Concen: 53.225 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

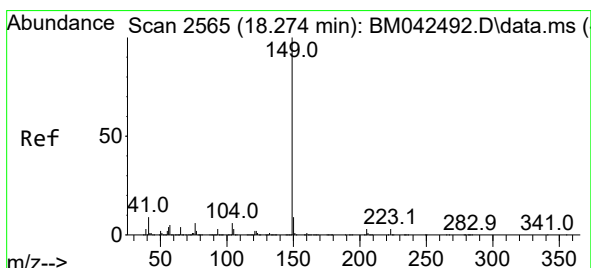
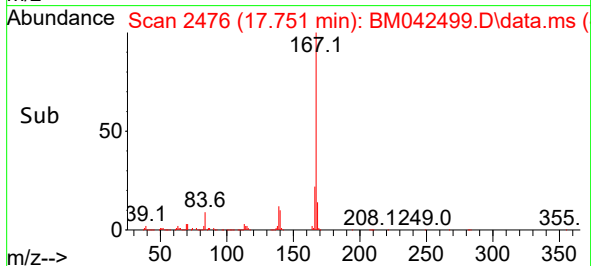
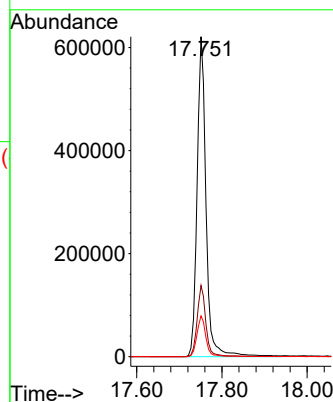
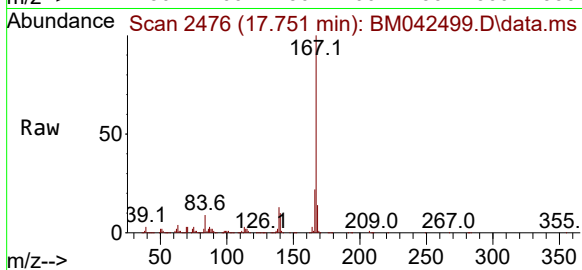
Tgt Ion:167 Resp: 905985

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.2

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.241 ng

RT: 18.274 min Scan# 2565

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

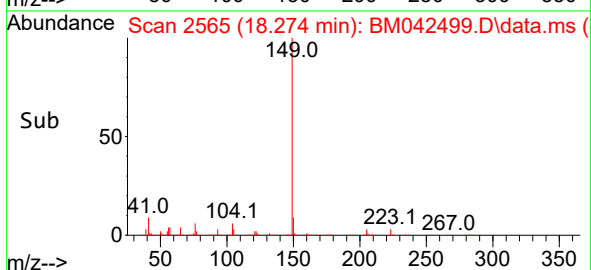
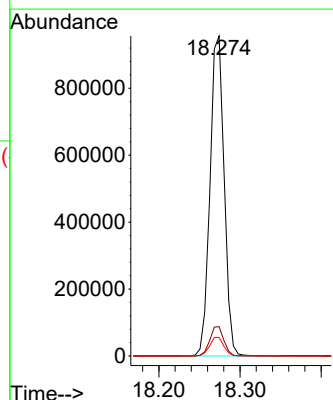
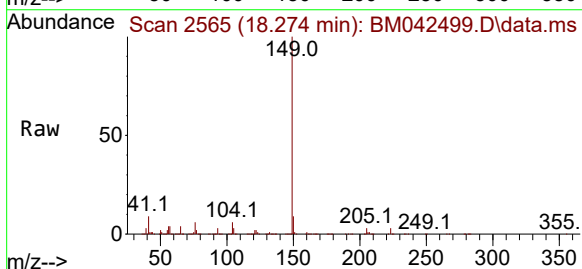
Tgt Ion:149 Resp: 1153142

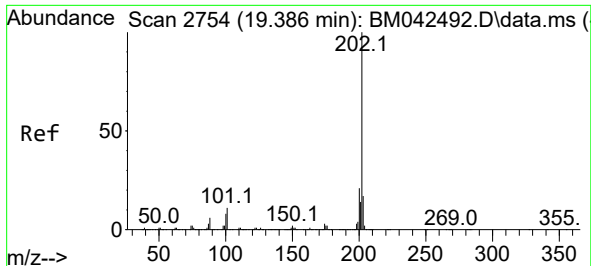
Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

104 5.8 4.6 6.8

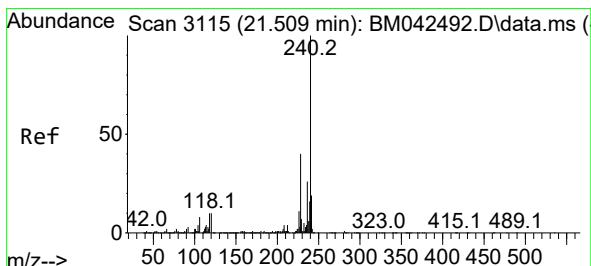
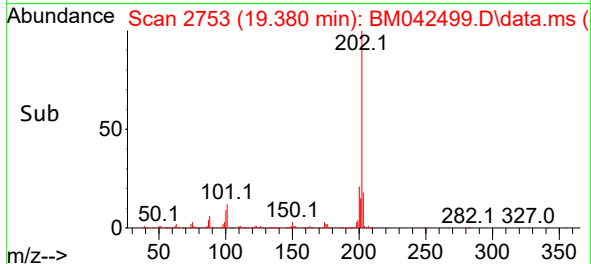
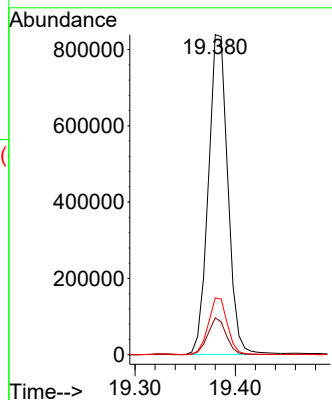
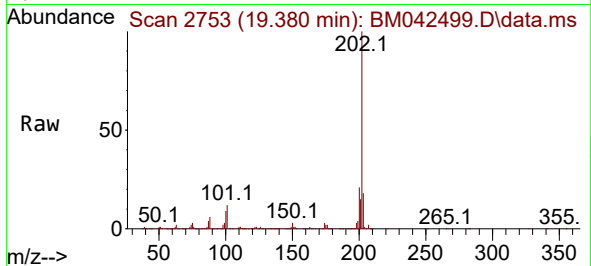




#75
Fluoranthene
Concen: 45.612 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

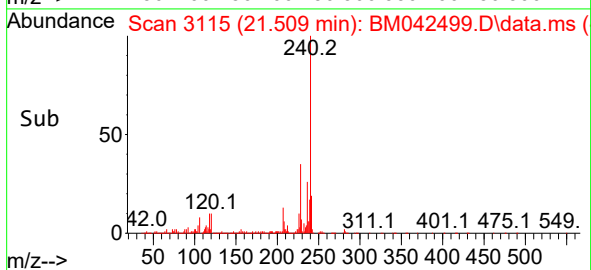
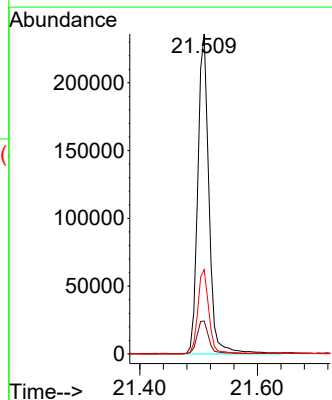
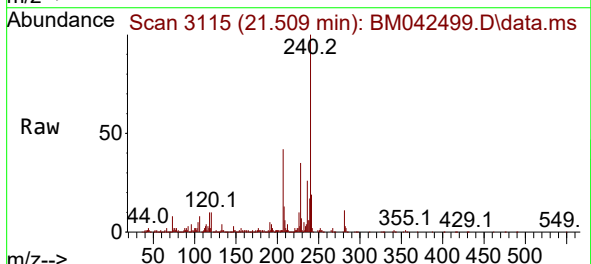
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

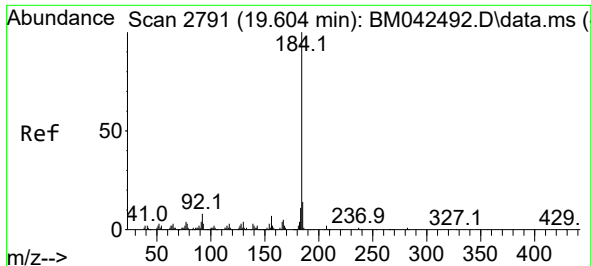
Tgt Ion:202 Resp: 1131844
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.5
203 17.8 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:240 Resp: 310619
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.4 20.8 31.2

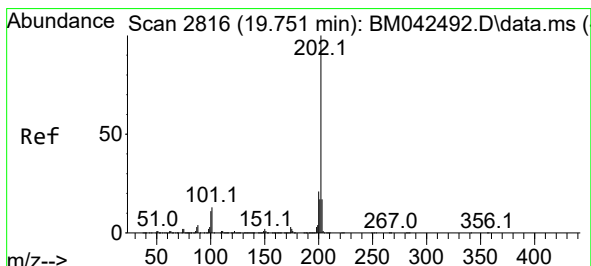
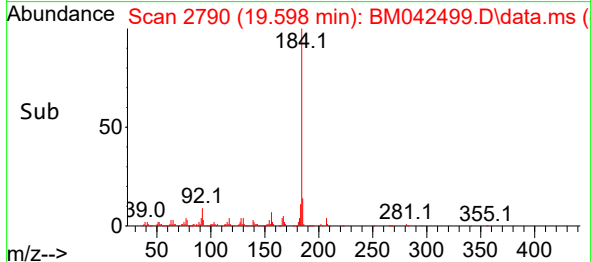
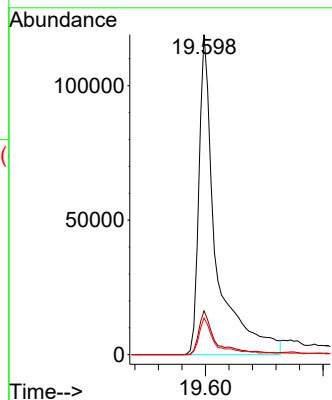
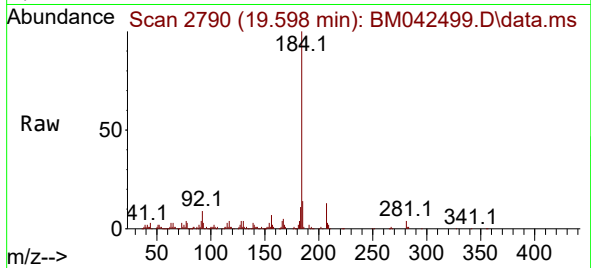




#77
Benzidine
Concen: 81.008 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

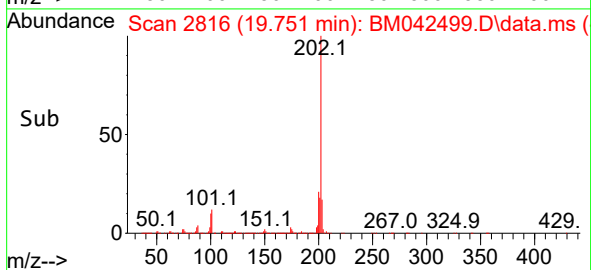
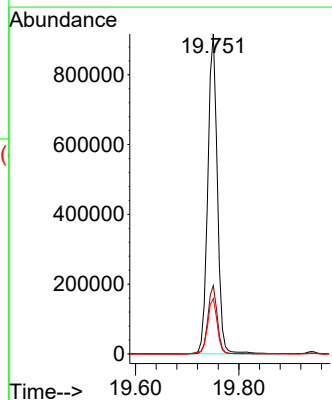
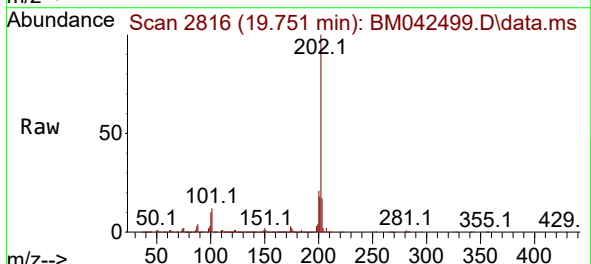
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

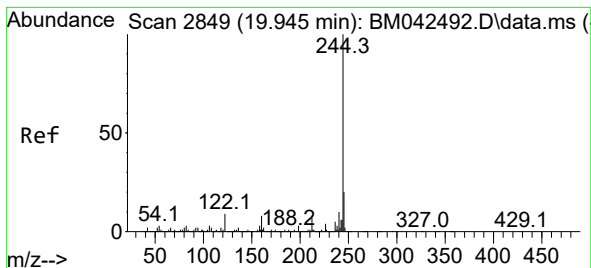
Tgt Ion:184 Resp: 241366
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 11.4 9.0 13.4



#78
Pyrene
Concen: 55.215 ng
RT: 19.751 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:202 Resp: 1177692
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 107.877 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

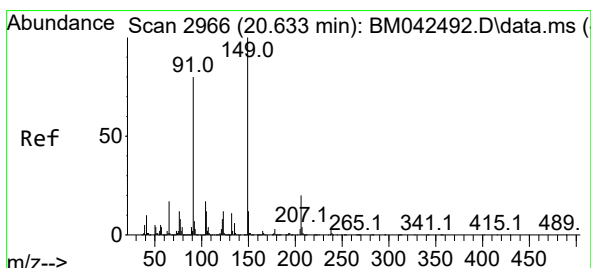
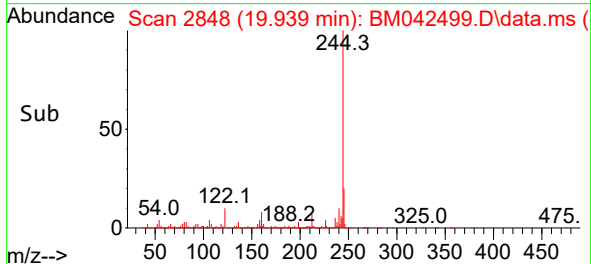
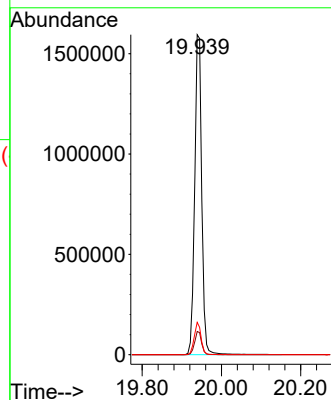
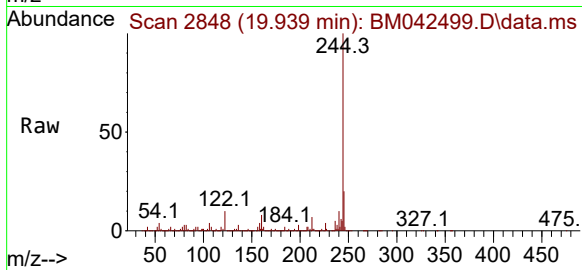
Tgt Ion:244 Resp: 1976207

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 10.1 7.2 10.8



#80

Butylbenzylphthalate

Concen: 51.249 ng

RT: 20.633 min Scan# 2966

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

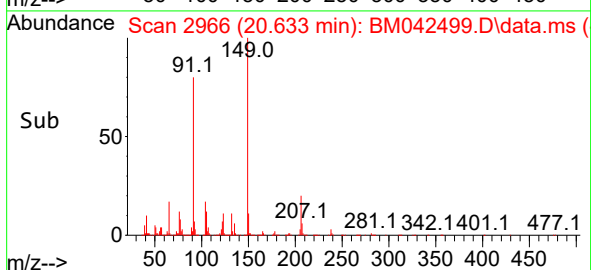
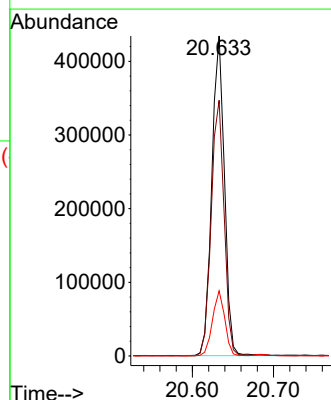
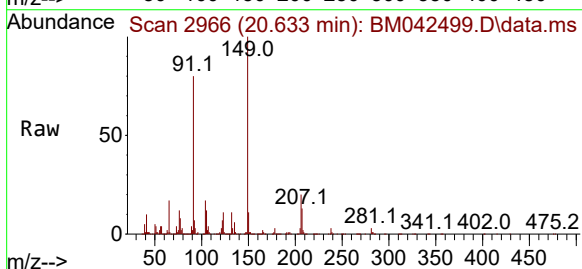
Tgt Ion:149 Resp: 466867

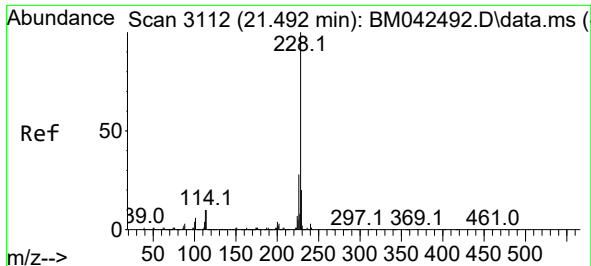
Ion Ratio Lower Upper

149 100

91 79.9 64.2 96.4

206 20.4 16.1 24.1

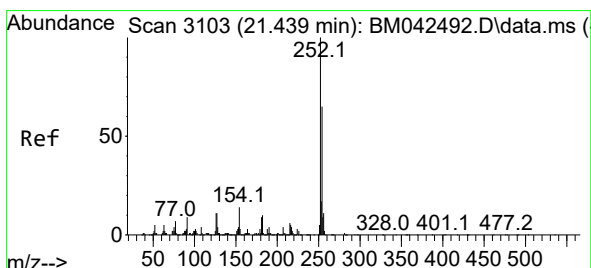
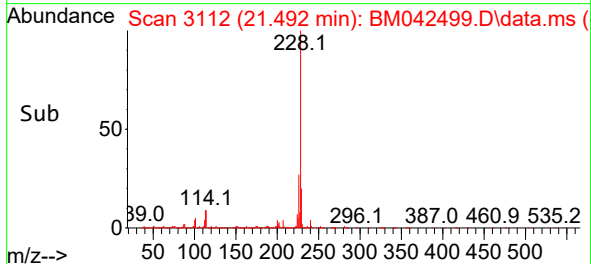
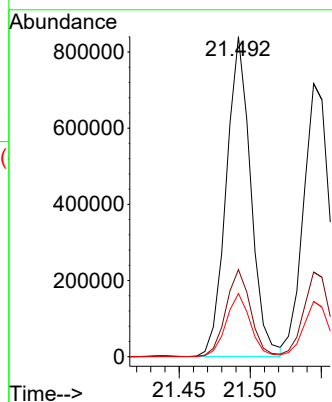
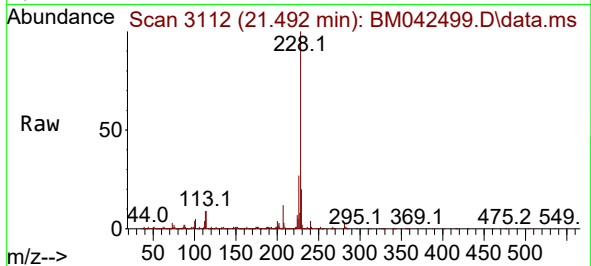




#81
Benzo(a)anthracene
Concen: 50.873 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

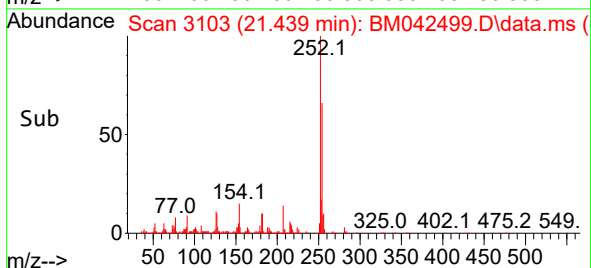
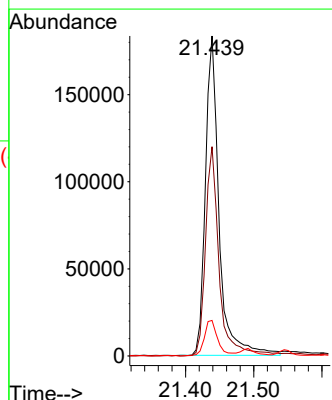
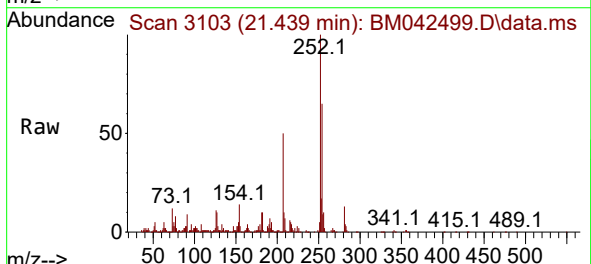
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

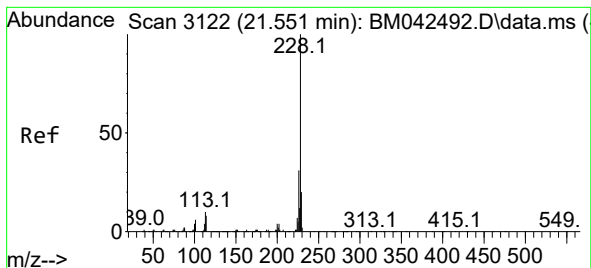
Tgt Ion:228 Resp: 1005418
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 40.763 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM042499.D
Acq: 30 Oct 2023 18:13

Tgt Ion:252 Resp: 256037
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 11.1 8.9 13.3





#83

Chrysene

Concen: 47.204 ng

RT: 21.545 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

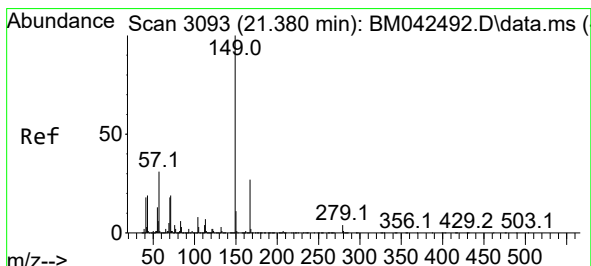
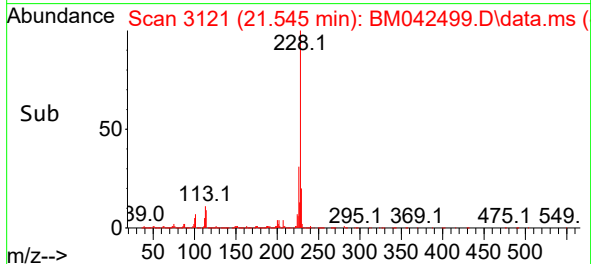
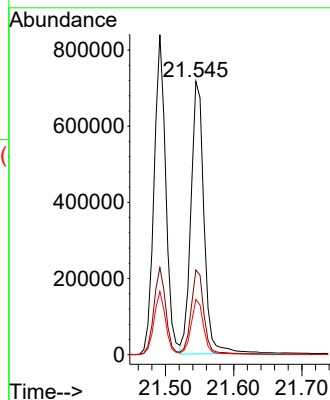
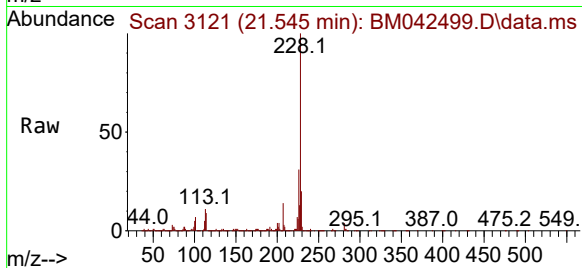
Tgt Ion:228 Resp: 947626

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.650 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

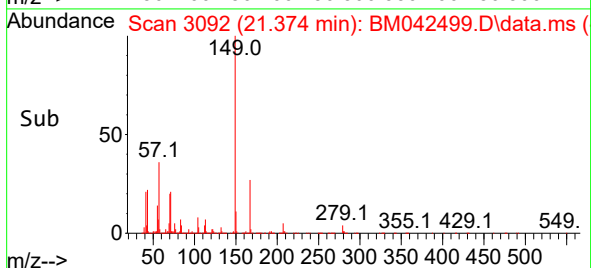
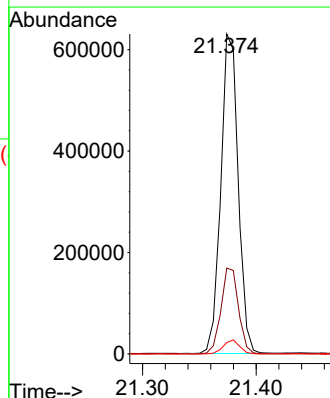
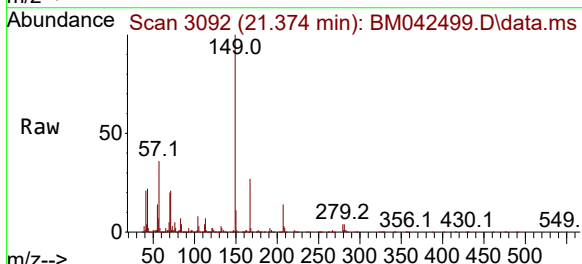
Tgt Ion:149 Resp: 669800

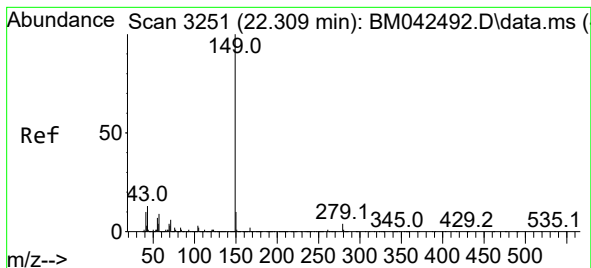
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 3.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 46.983 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

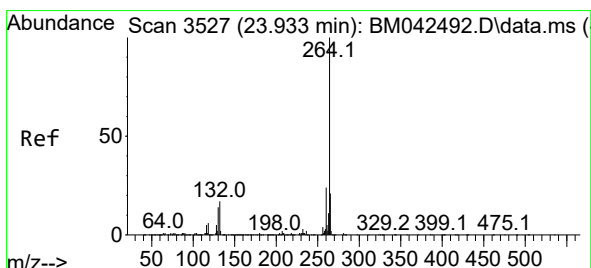
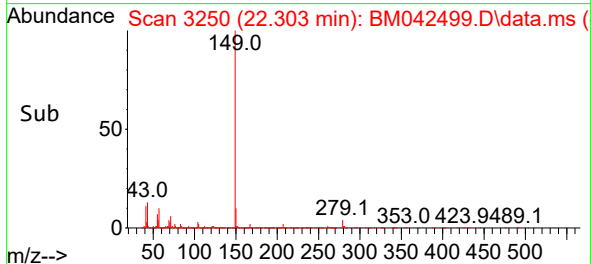
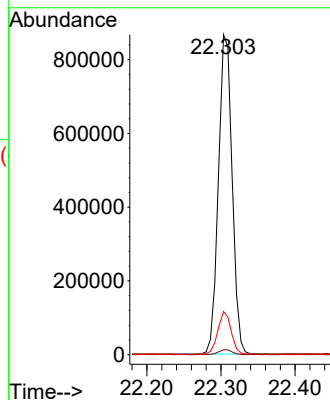
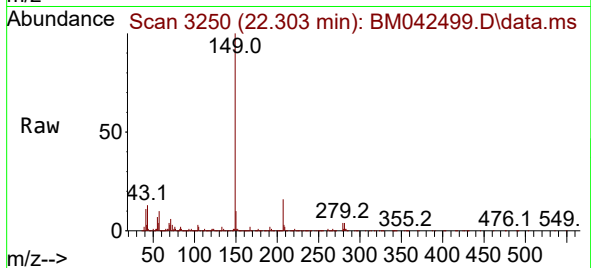
Tgt Ion:149 Resp: 1113386

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.0 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

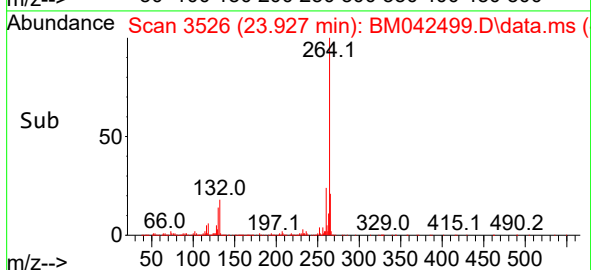
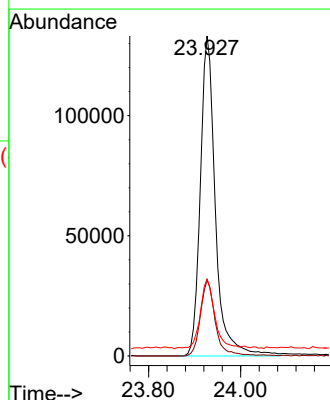
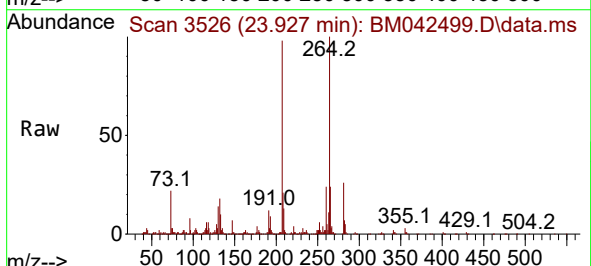
Tgt Ion:264 Resp: 303923

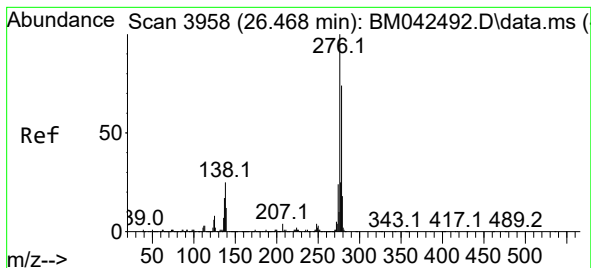
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 23.9 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.062 ng

RT: 26.462 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

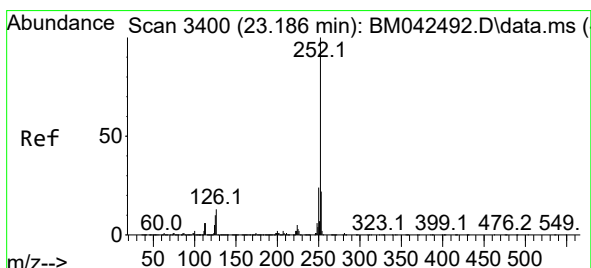
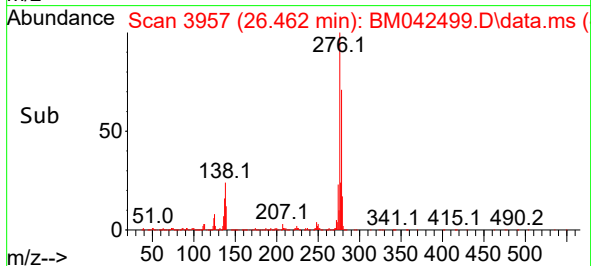
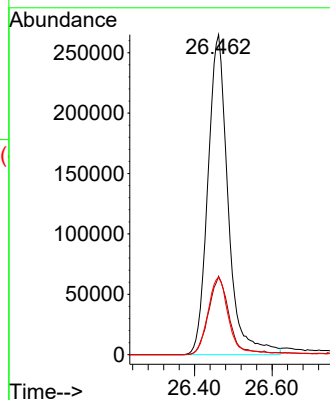
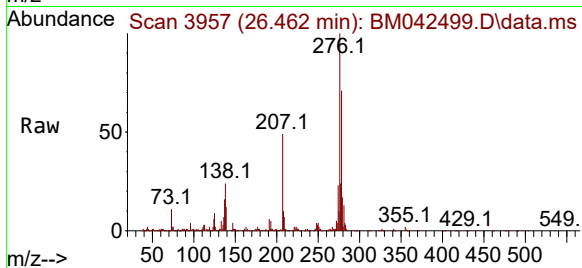
Tgt Ion:276 Resp: 959822

Ion Ratio Lower Upper

276 100

138 25.2 20.6 31.0

277 24.8 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 53.125 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

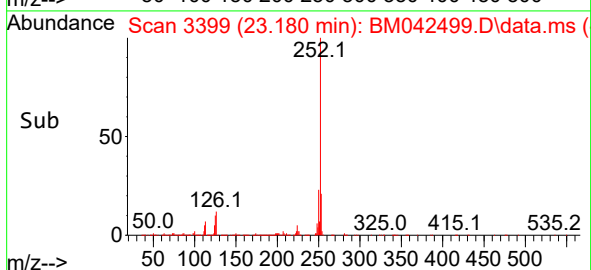
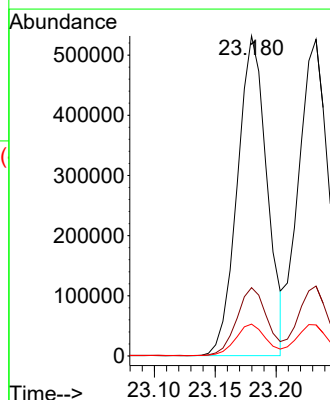
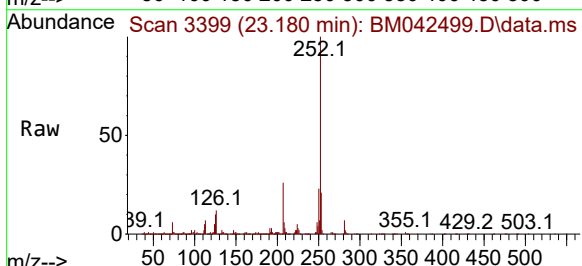
Tgt Ion:252 Resp: 899514

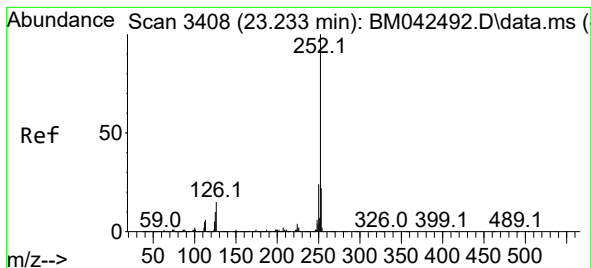
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.9 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 51.028 ng

RT: 23.233 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

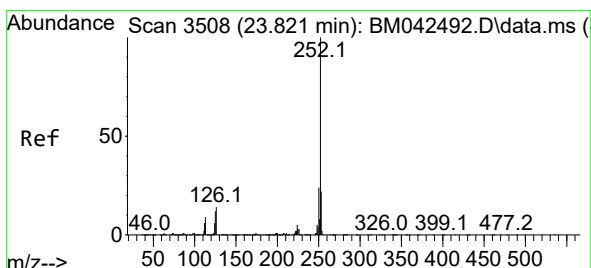
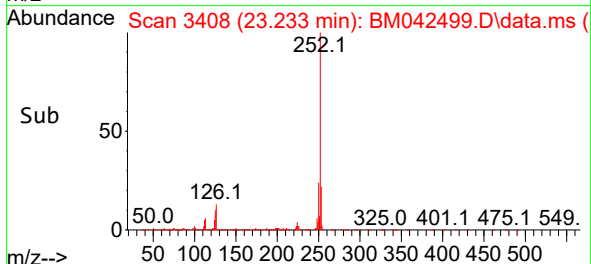
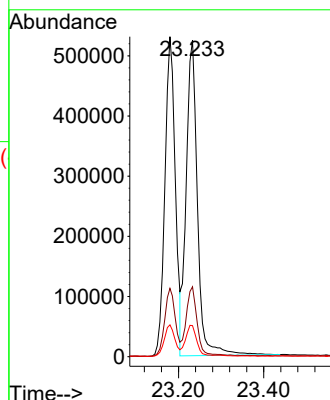
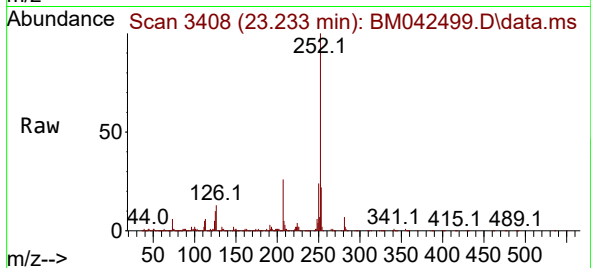
Tgt Ion:252 Resp: 962774

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.8 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.655 ng

RT: 23.821 min Scan# 3508

Delta R.T. -0.000 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

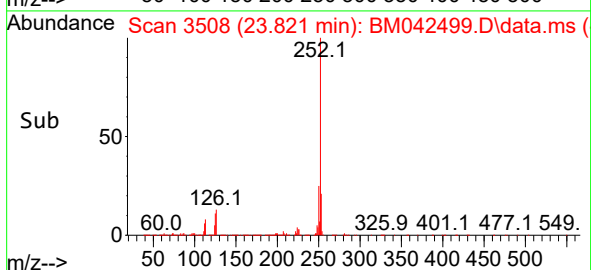
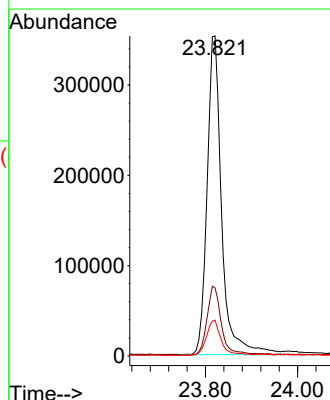
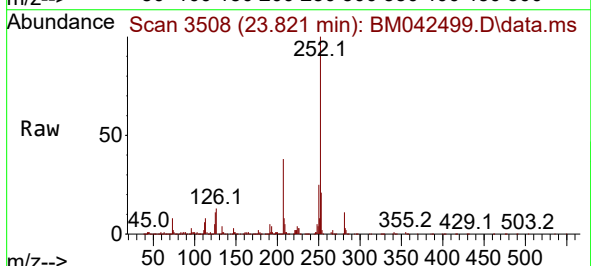
Tgt Ion:252 Resp: 777748

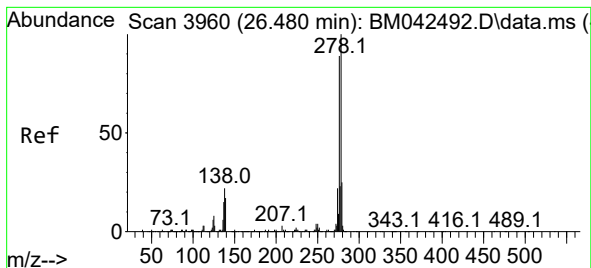
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 11.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 47.019 ng

RT: 26.474 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

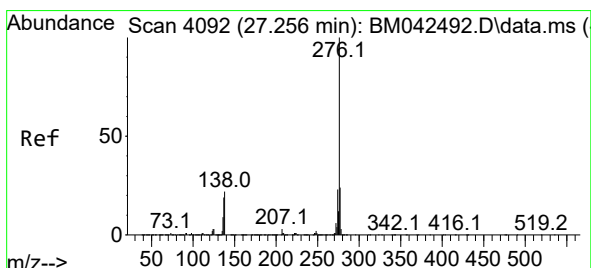
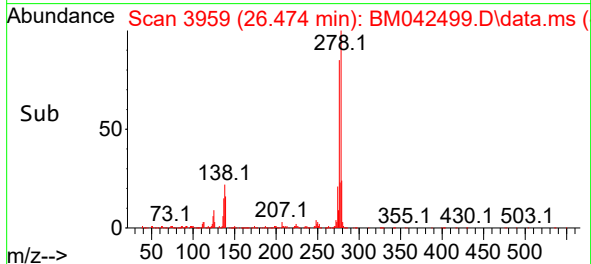
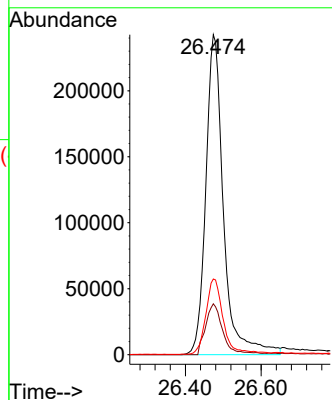
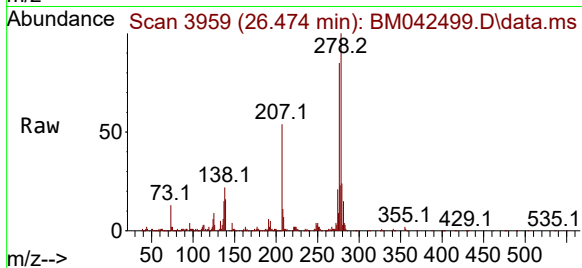
Tgt Ion:278 Resp: 783623

Ion Ratio Lower Upper

278 100

139 15.9 13.4 20.2

279 23.6 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 52.911 ng

RT: 27.250 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BM042499.D

Acq: 30 Oct 2023 18:13

Tgt Ion:276 Resp: 843539

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 22.1 17.3 25.9

