

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132347.D
 Acq On : 07 Feb 2023 16:33
 Operator : CG\JU
 Sample : 01466-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2MS

Quant Time: Feb 08 03:59:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	156078	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	606744	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	309921	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	606374	20.000	ng	0.00
76) Chrysene-d12	14.260	240	331198	20.000	ng	0.00
86) Perylene-d12	15.836	264	339164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1093035	112.568	ng	0.02
7) Phenol-d6	6.672	99	1341262	112.042	ng	0.00
23) Nitrobenzene-d5	7.619	82	784560	71.956	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	462278	145.046	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1499940	74.738	ng	0.00
79) Terphenyl-d14	13.189	244	1724033	100.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	203817	44.610	ng	95
3) Pyridine	3.766	79	496090	40.024	ng	96
4) n-Nitrosodimethylamine	3.731	42	161909	40.823	ng	95
6) Aniline	6.713	93	534440	32.900	ng	94
8) 2-Chlorophenol	6.837	128	514392	51.149	ng	95
9) Benzaldehyde	6.601	77	278482	42.485	ng	99
10) Phenol	6.684	94	575532	46.449	ng	98
11) bis(2-Chloroethyl)ether	6.784	93	490160	48.067	ng	94
12) 1,3-Dichlorobenzene	6.995	146	549437	51.656	ng	97
13) 1,4-Dichlorobenzene	7.072	146	555487	52.319	ng	97
14) 1,2-Dichlorobenzene	7.225	146	530938	53.621	ng	96
15) Benzyl Alcohol	7.189	79	392009	44.878	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.325	45	444718	41.393	ng	92
17) 2-Methylphenol	7.295	107	401900	45.654	ng	98
18) Hexachloroethane	7.566	117	204614	51.372	ng	98
19) n-Nitroso-di-n-propyla...	7.460	70	276695	40.692	ng	97
20) 3+4-Methylphenols	7.448	107	508008	45.213	ng	90
22) Acetophenone	7.460	105	645873	45.264	ng	98
24) Nitrobenzene	7.636	77	467504	41.970	ng	94
25) Isophorone	7.872	82	894753	43.236	ng	97
26) 2-Nitrophenol	7.954	139	281801	51.938	ng	# 88
27) 2,4-Dimethylphenol	7.978	122	460247	48.463	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	568562	44.707	ng	99
29) 2,4-Dichlorophenol	8.189	162	418670	49.654	ng	98
30) 1,2,4-Trichlorobenzene	8.278	180	451831	50.042	ng	98
31) Naphthalene	8.360	128	1384304	46.351	ng	99
32) Benzoic acid	8.095	122	372591	53.002	ng	92
33) 4-Chloroaniline	8.401	127	172788	13.047	ng	98
34) Hexachlorobutadiene	8.472	225	265597	52.325	ng	99
35) Caprolactam	8.783	113	97590	33.951	ng	84
36) 4-Chloro-3-methylphenol	8.878	107	438281	48.249	ng	97
37) 2-Methylnaphthalene	9.054	142	927021	45.824	ng	100
38) 1-Methylnaphthalene	9.154	142	864263	45.972	ng	98
40) 1,2,4,5-Tetrachloroben...	9.219	216	432913	49.637	ng	100
41) Hexachlorocyclopentadiene	9.207	237	557959	109.653	ng	100
43) 2,4,6-Trichlorophenol	9.330	196	317590	50.942	ng	99

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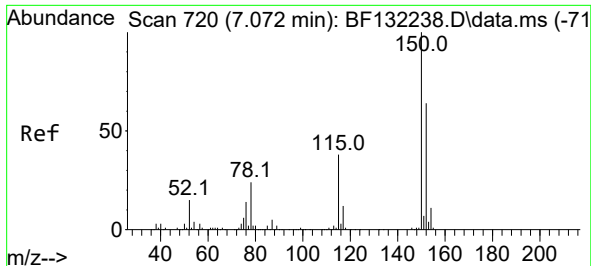
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	334608	46.630	ng	98
46) 1,1'-Biphenyl	9.519	154	1130186	47.302	ng	97
47) 2-Chloronaphthalene	9.548	162	880544	48.386	ng	99
48) 2-Nitroaniline	9.642	65	224555	41.490	ng	# 74
49) Acenaphthylene	9.966	152	1378165	46.402	ng	99
50) Dimethylphthalate	9.819	163	1047690	48.327	ng	99
51) 2,6-Dinitrotoluene	9.883	165	242036	49.989	ng	# 79
52) Acenaphthene	10.142	154	987911	53.129	ng	99
53) 3-Nitroaniline	10.048	138	155360	26.459	ng	99
54) 2,4-Dinitrophenol	10.160	184	295705	103.988	ng	89
55) Dibenzofuran	10.313	168	1216042	46.546	ng	99
56) 4-Nitrophenol	10.207	139	429874	97.291	ng	94
57) 2,4-Dinitrotoluene	10.289	165	327324	52.043	ng	# 86
58) Fluorene	10.660	166	955208	47.507	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.425	232	277097	52.970	ng	98
60) Diethylphthalate	10.519	149	1068413	49.540	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	471874	49.451	ng	96
62) 4-Nitroaniline	10.672	138	263963	46.880	ng	96
63) Azobenzene	10.807	77	919590	43.775	ng	94
65) 4,6-Dinitro-2-methylph...	10.695	198	186887	54.304	ng	98
66) n-Nitrosodiphenylamine	10.766	169	851456	44.843	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	305368	49.180	ng	97
68) Hexachlorobenzene	11.207	284	348999	52.587	ng	94
69) Atrazine	11.289	200	299046	54.755	ng	97
70) Pentachlorophenol	11.401	266	400986	87.936	ng	99
71) Phenanthrene	11.630	178	1452184	45.830	ng	100
72) Anthracene	11.677	178	1483713	46.011	ng	99
73) Carbazole	11.830	167	1320475	45.669	ng	99
74) Di-n-butylphthalate	12.154	149	1704596	49.866	ng	100
75) Fluoranthene	12.824	202	1455580	45.015	ng	98
77) Benzidine	12.942	184	802686	69.322	ng	98
78) Pyrene	13.060	202	1495195	56.129	ng	99
80) Butylbenzylphthalate	13.665	149	698100	59.316	ng	96
81) Benzo(a)anthracene	14.248	228	1107472	47.809	ng	99
82) 3,3'-Dichlorobenzidine	14.207	252	177177	24.014	ng	99
83) Chrysene	14.289	228	1021008	47.071	ng	99
84) Bis(2-ethylhexyl)phtha...	14.218	149	971684	61.081	ng	99
85) Di-n-octyl phthalate	14.854	149	1385637	53.402	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.471	276	1206910	53.554	ng	97
88) Benzo(b)fluoranthene	15.359	252	1031282	47.836	ng	99
89) Benzo(k)fluoranthene	15.395	252	972089	47.238	ng	99
90) Benzo(a)pyrene	15.771	252	905166	45.088	ng	98
91) Dibenzo(a,h)anthracene	17.495	278	982940	54.250	ng	98
92) Benzo(g,h,i)perylene	17.977	276	954606	50.998	ng	96

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

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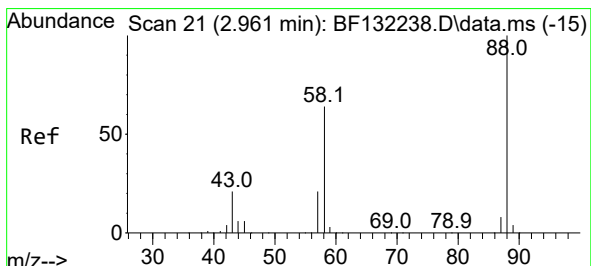
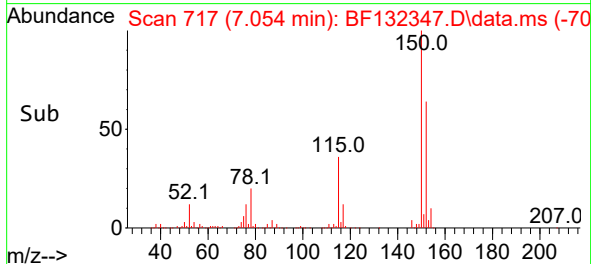
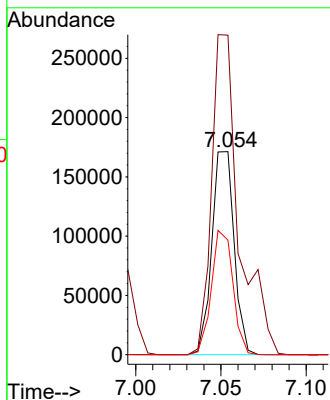
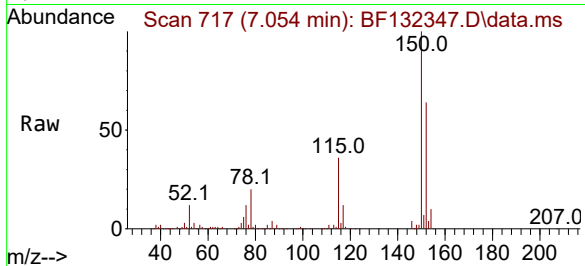




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.054 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132347.D
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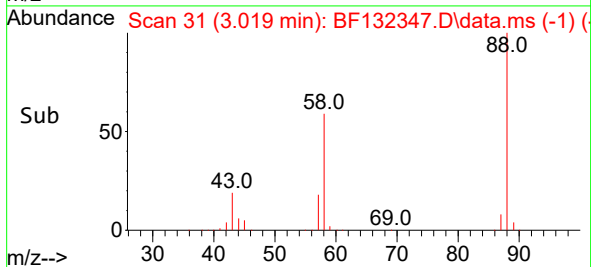
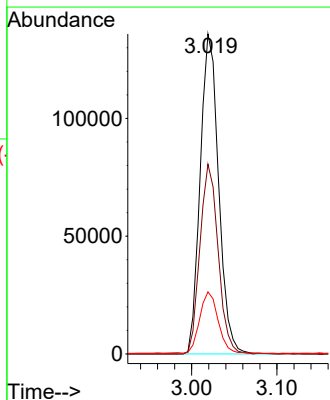
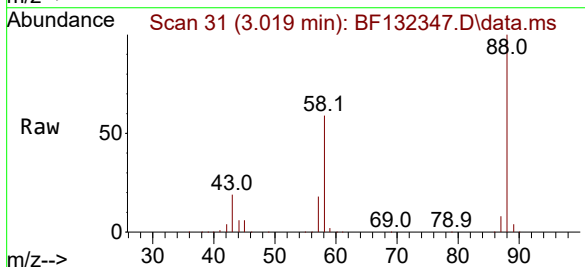
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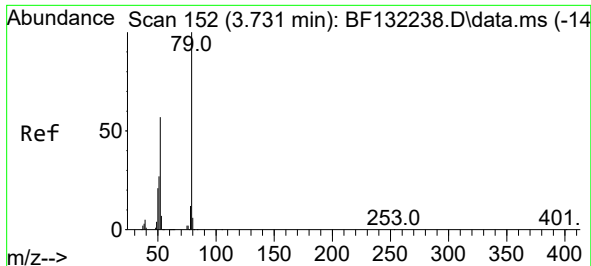
Tgt Ion:152 Resp: 156078
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.2 186.2
 115 56.5 47.3 70.9



#2
 1,4-Dioxane
 Concen: 44.610 ng
 RT: 3.019 min Scan# 31
 Delta R.T. 0.082 min
 Lab File: BF132347.D
 Acq: 07 Feb 2023 16:33

Tgt Ion: 88 Resp: 203817
 Ion Ratio Lower Upper
 88 100
 58 58.6 50.2 75.2
 43 19.5 16.9 25.3

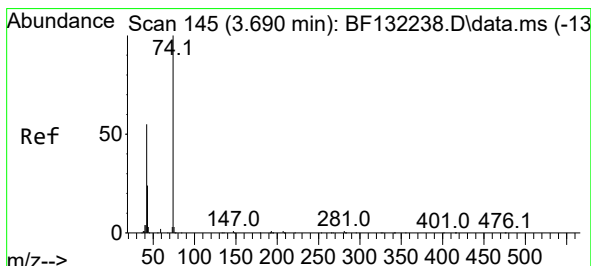
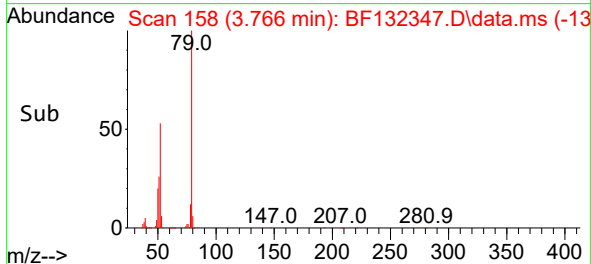
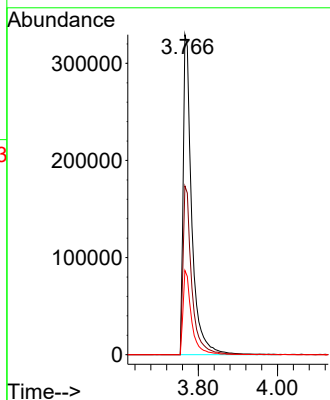
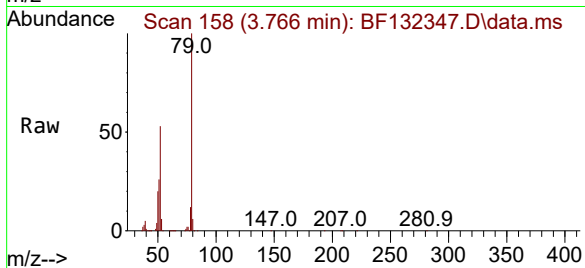




#3
Pyridine
Concen: 40.024 ng
RT: 3.766 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

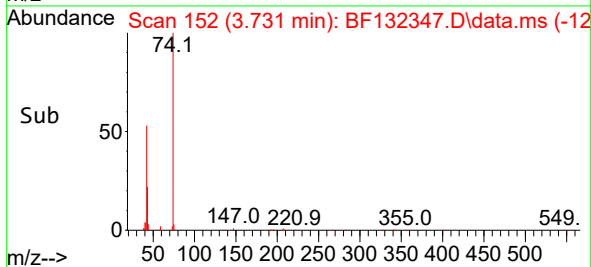
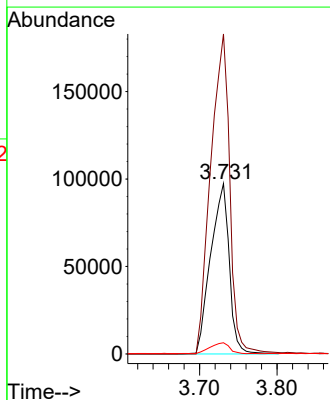
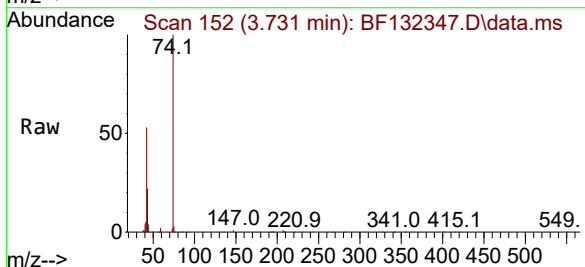
Instrument :
BNA_F
ClientSampleId :
A-2MS

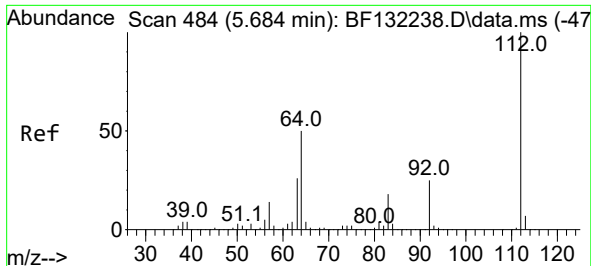
Tgt Ion: 79 Resp: 496090
Ion Ratio Lower Upper
79 100
52 52.7 45.6 68.4
51 26.3 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 40.823 ng
RT: 3.731 min Scan# 152
Delta R.T. 0.059 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion: 42 Resp: 161909
Ion Ratio Lower Upper
42 100
74 187.7 144.6 217.0
44 6.6 5.1 7.7

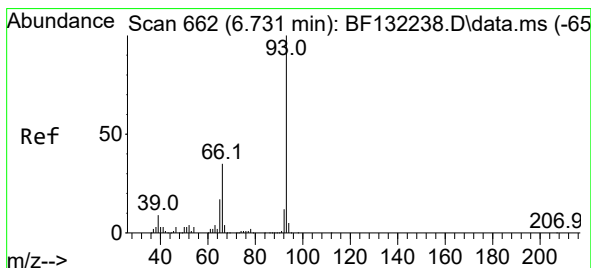
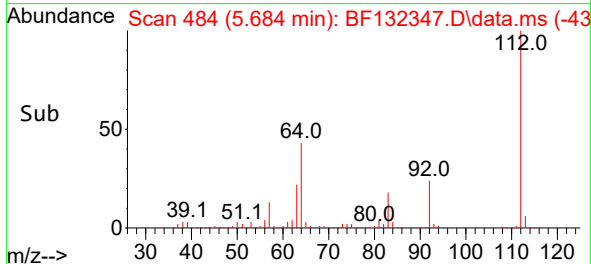
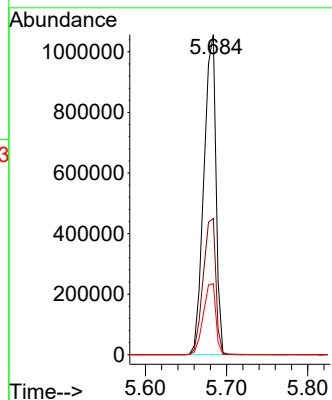
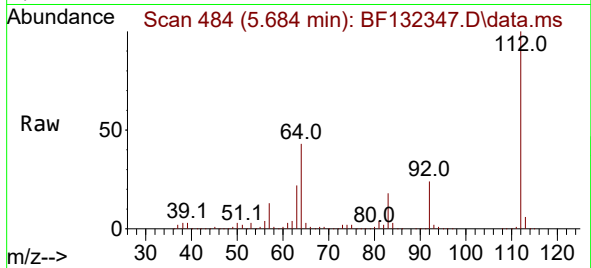




#5
2-Fluorophenol
Concen: 112.568 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

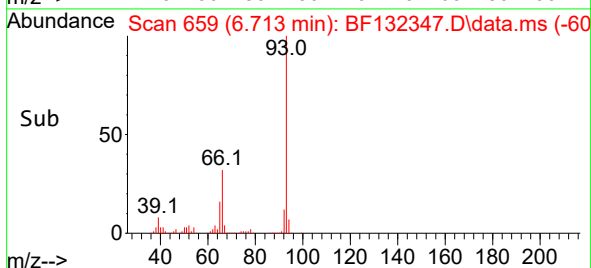
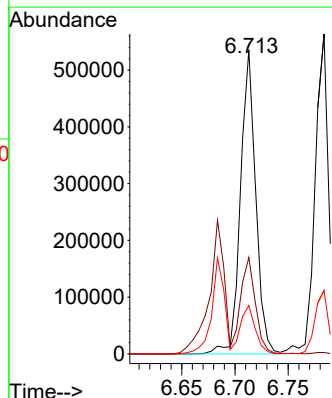
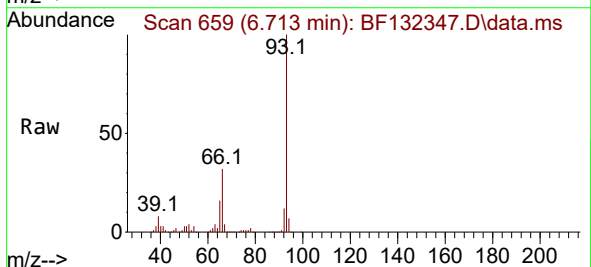
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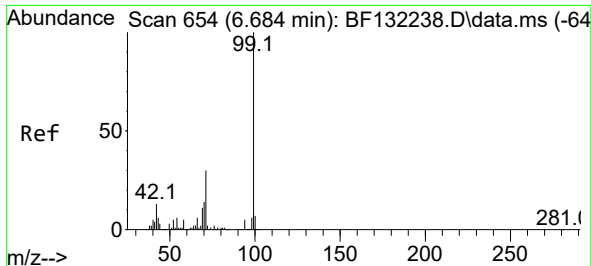
Tgt Ion:112 Resp: 1093035
Ion Ratio Lower Upper
112 100
64 42.6 40.0 60.0
63 22.2 20.5 30.7



#6
Aniline
Concen: 32.900 ng
RT: 6.713 min Scan# 659
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion: 93 Resp: 534440
Ion Ratio Lower Upper
93 100
66 31.7 28.8 43.2
65 15.9 14.2 21.4





#7

Phenol-d6

Concen: 112.042 ng

RT: 6.672 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

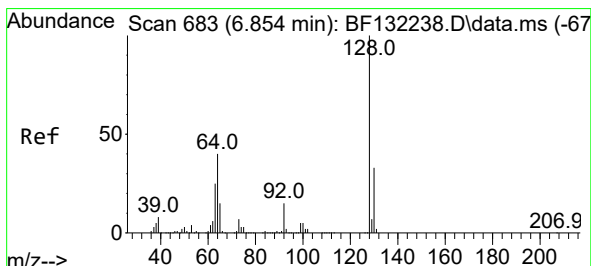
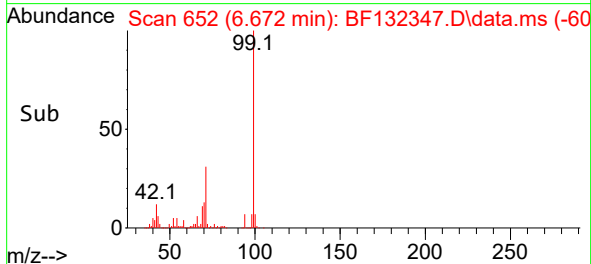
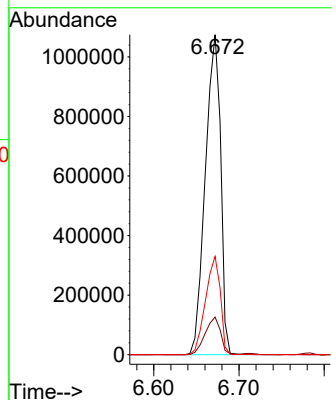
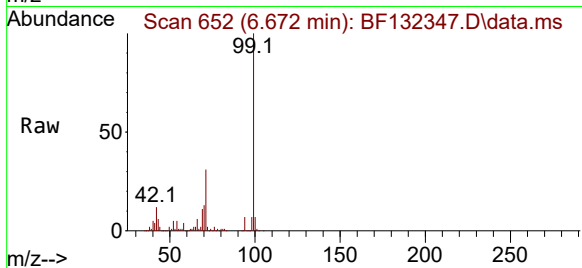
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1341262

Ion	Ratio	Lower	Upper
99	100		
42	11.7	10.1	15.1
71	30.7	24.2	36.4



#8

2-Chlorophenol

Concen: 51.149 ng

RT: 6.837 min Scan# 680

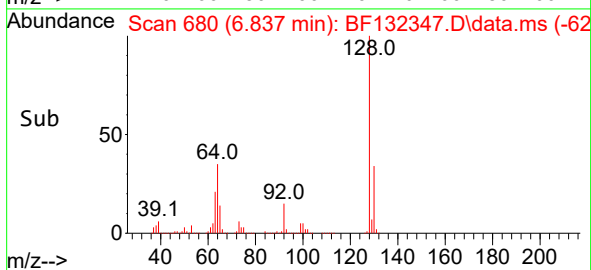
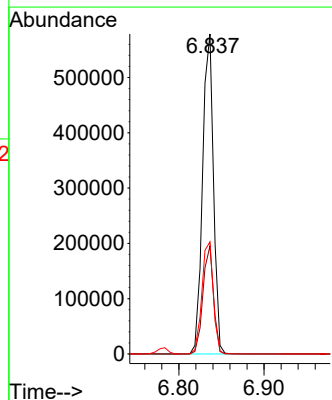
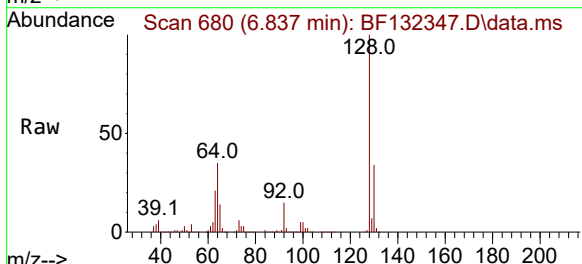
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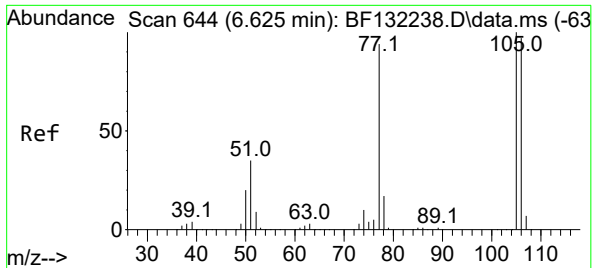
Lab File: BF132347.D

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Tgt Ion: 128 Resp: 514392

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.3	53.3
64	35.0	20.1	60.1

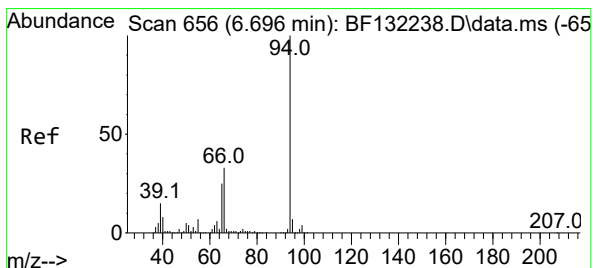
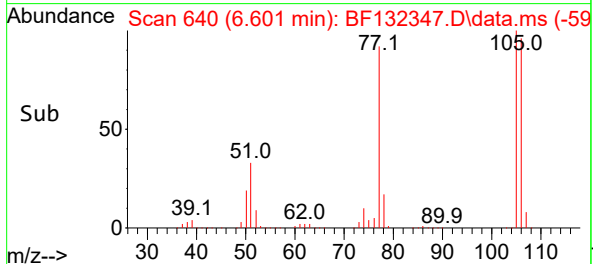
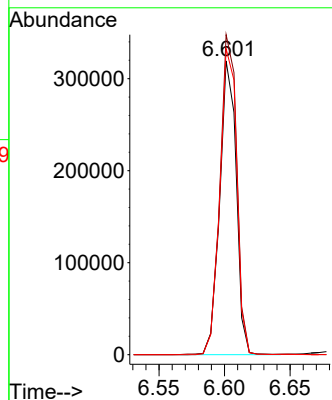
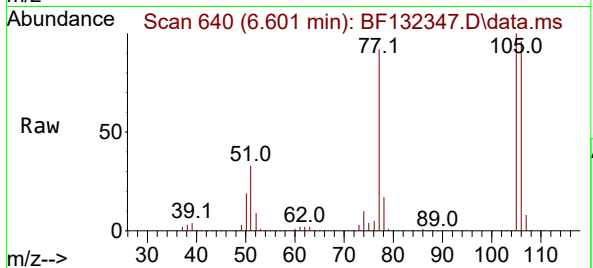




#9
Benzaldehyde
Concen: 42.485 ng
RT: 6.601 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

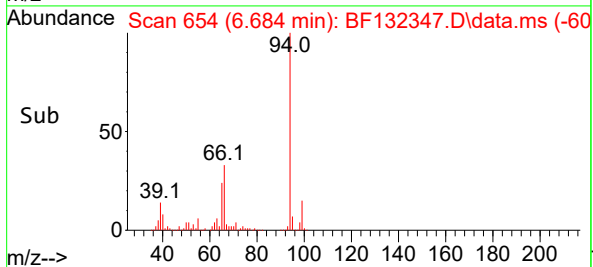
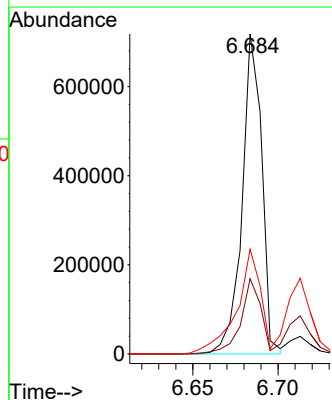
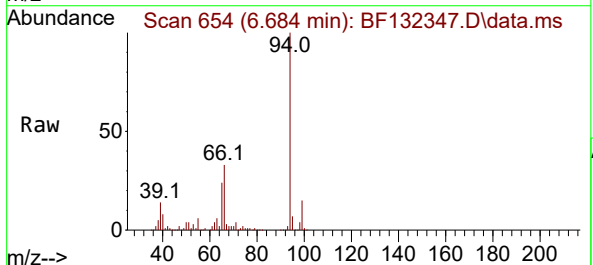
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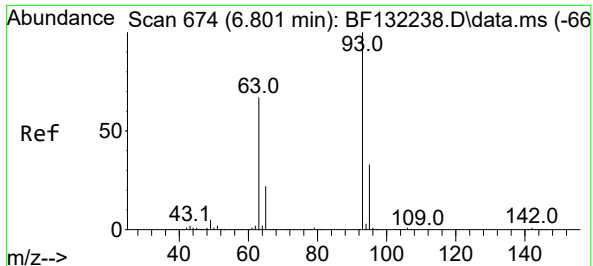
Tgt Ion: 77 Resp: 278482
Ion Ratio Lower Upper
77 100
105 109.0 86.8 126.8
106 104.2 83.8 123.8



#10
Phenol
Concen: 46.449 ng
RT: 6.684 min Scan# 654
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion: 94 Resp: 575532
Ion Ratio Lower Upper
94 100
65 23.5 5.1 45.1
66 32.8 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 48.067 ng

RT: 6.784 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

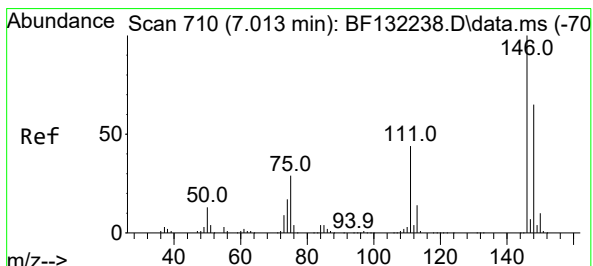
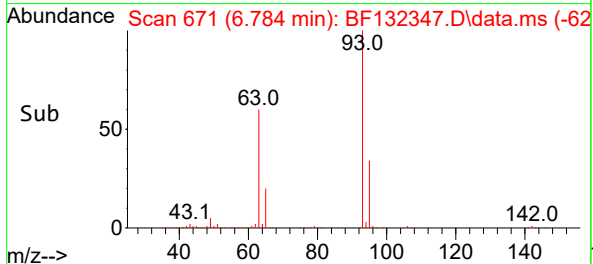
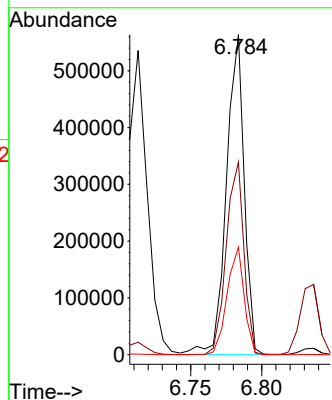
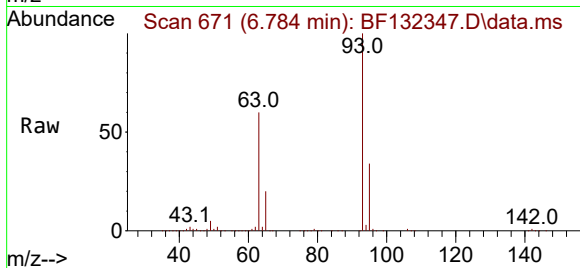
Tgt Ion: 93 Resp: 490160

Ion Ratio Lower Upper

93 100

63 60.2 46.7 86.7

95 33.6 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 51.656 ng

RT: 6.995 min Scan# 707

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

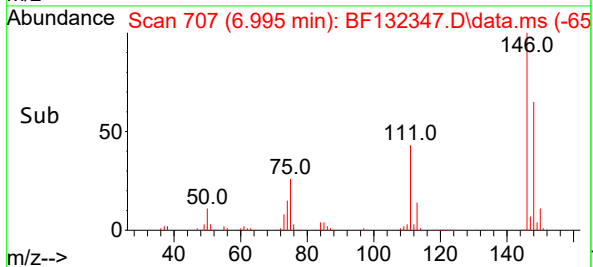
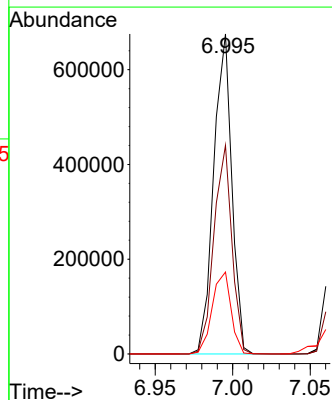
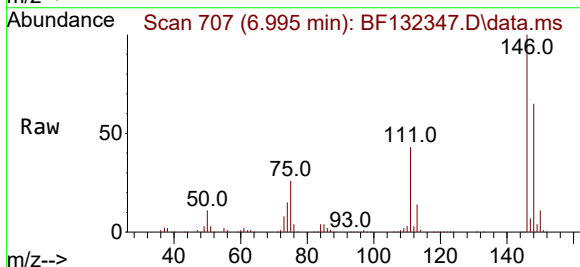
Tgt Ion:146 Resp: 549437

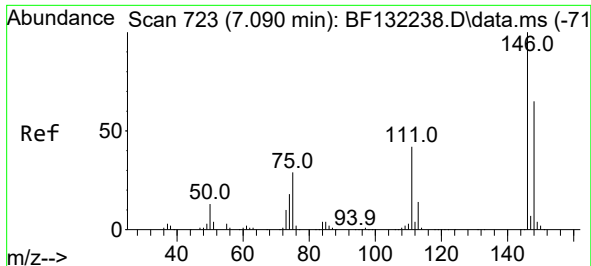
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

75 25.6 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 52.319 ng

RT: 7.072 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

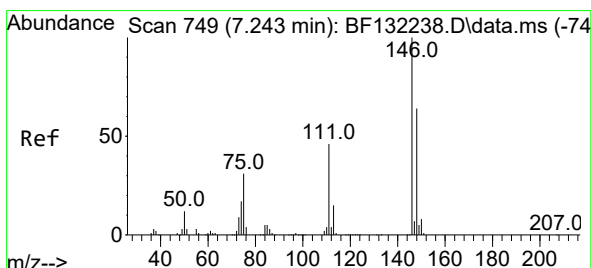
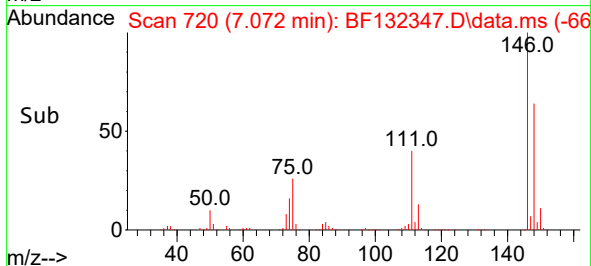
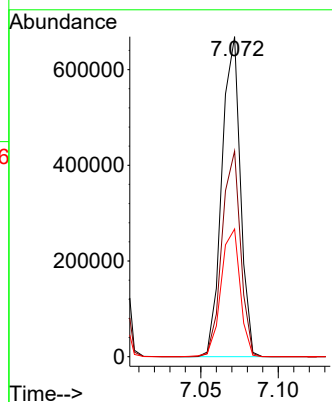
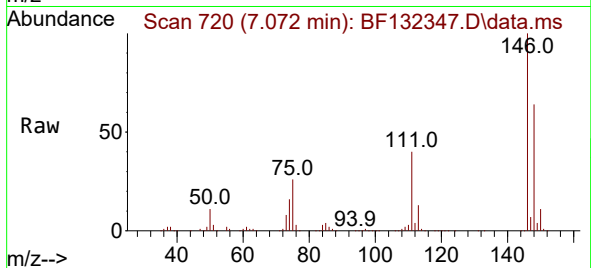
Tgt Ion:146 Resp: 555487

Ion Ratio Lower Upper

146 100

148 64.2 52.4 78.6

111 39.9 34.0 51.0



#14

1,2-Dichlorobenzene

Concen: 53.621 ng

RT: 7.225 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

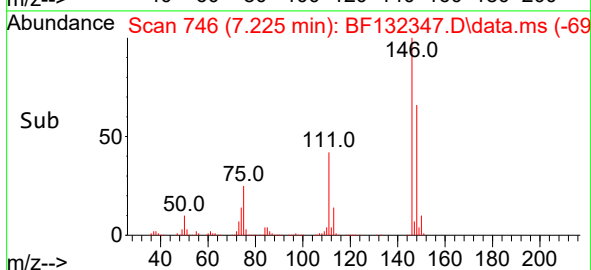
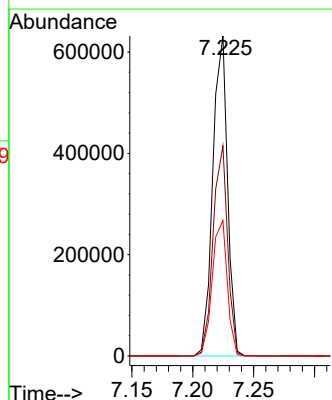
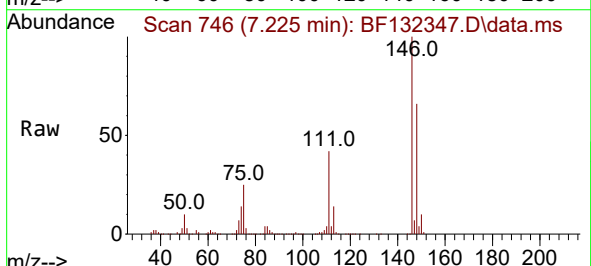
Tgt Ion:146 Resp: 530938

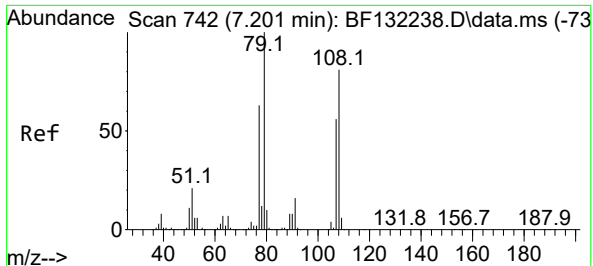
Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.0

111 42.3 37.1 55.7





#15

Benzyl Alcohol

Concen: 44.878 ng

RT: 7.189 min Scan# 740

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

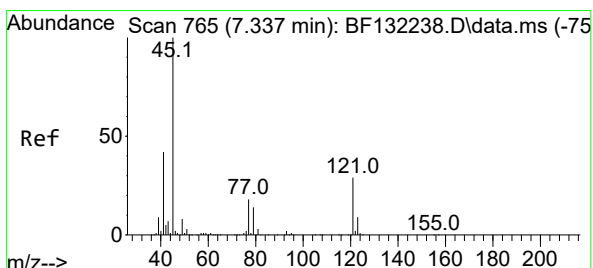
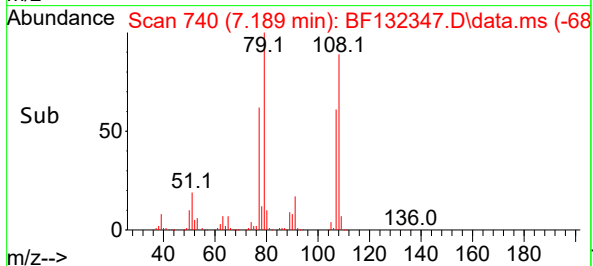
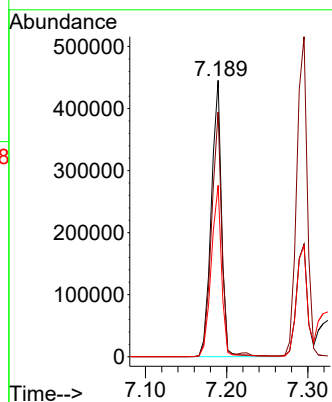
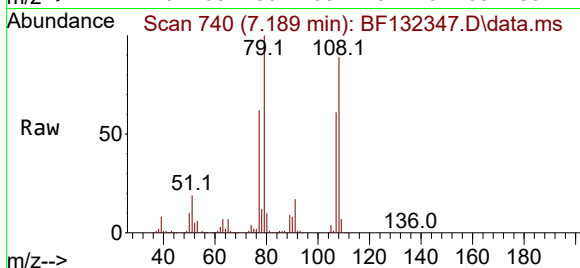
Tgt Ion: 79 Resp: 392009

Ion Ratio Lower Upper

79 100

108 88.6 64.6 97.0

77 62.0 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.393 ng

RT: 7.325 min Scan# 763

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

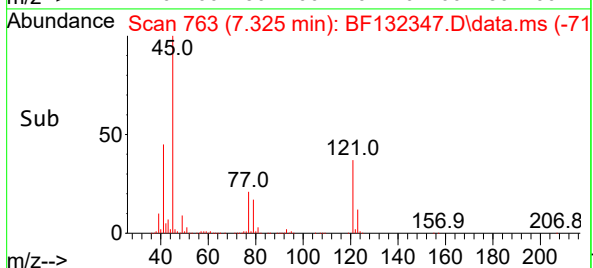
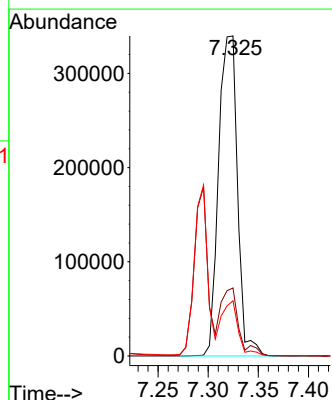
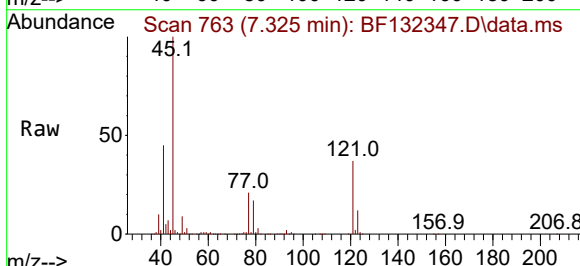
Tgt Ion: 45 Resp: 444718

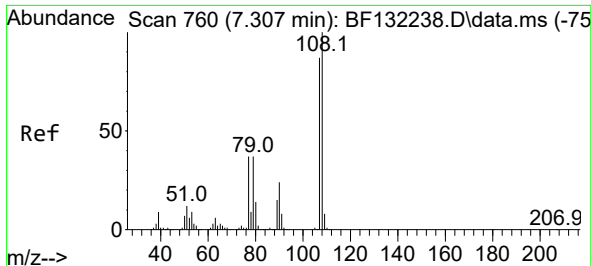
Ion Ratio Lower Upper

45 100

77 21.2 0.0 38.0

79 17.2 0.0 33.8





#17

2-Methylphenol

Concen: 45.654 ng

RT: 7.295 min Scan# 7

Delta R.T. 0.006 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

Tgt Ion:107 Resp: 401900

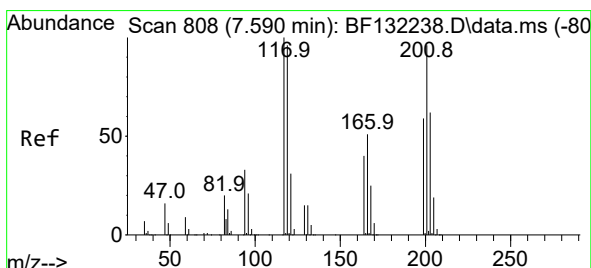
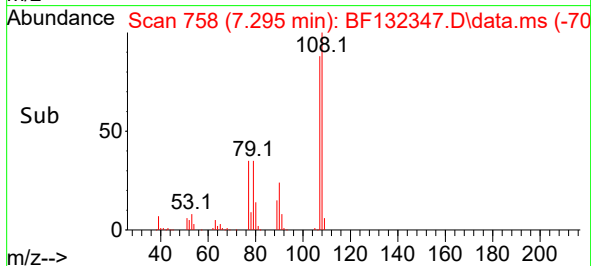
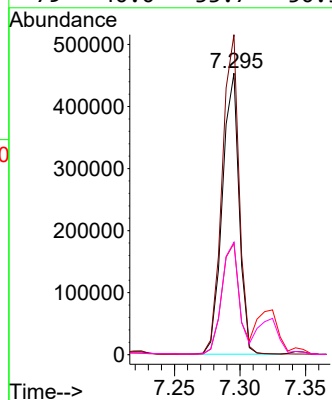
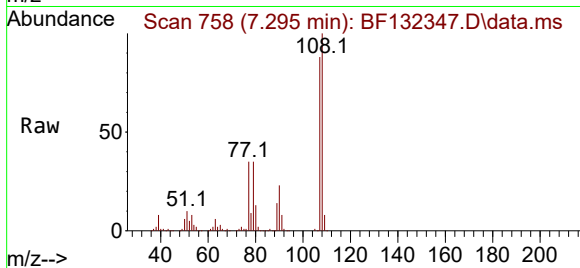
Ion Ratio Lower Upper

107 100

108 113.7 91.8 137.6

77 39.6 34.2 51.2

79 40.0 33.7 50.5



#18

Hexachloroethane

Concen: 51.372 ng

RT: 7.566 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

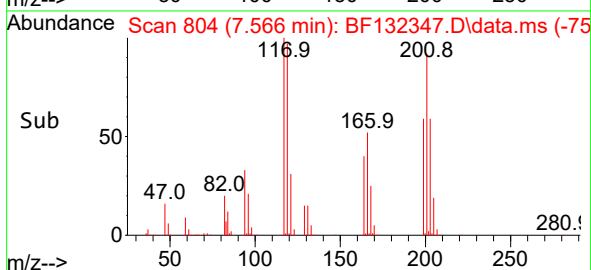
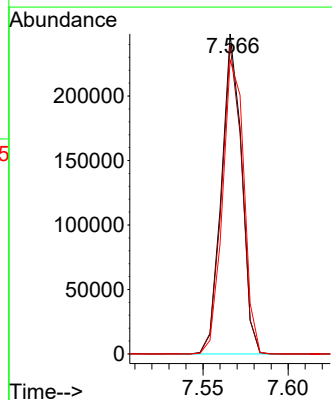
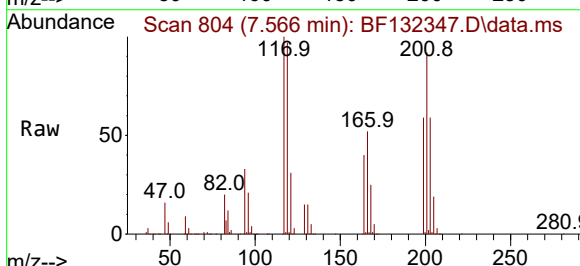
Tgt Ion:117 Resp: 204614

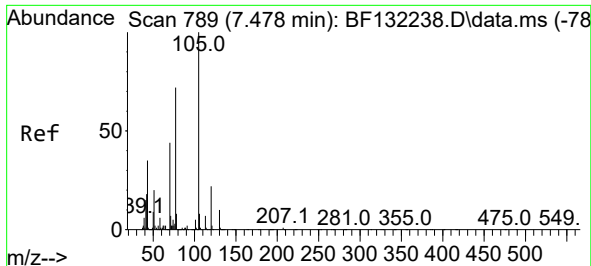
Ion Ratio Lower Upper

117 100

119 96.5 76.7 115.1

201 91.9 76.6 114.8

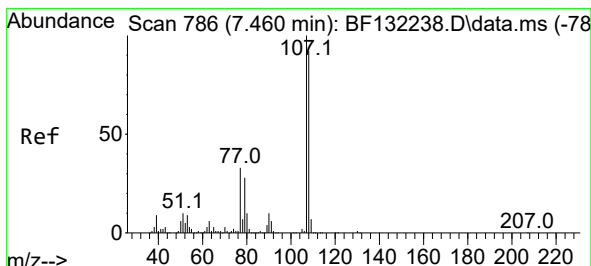
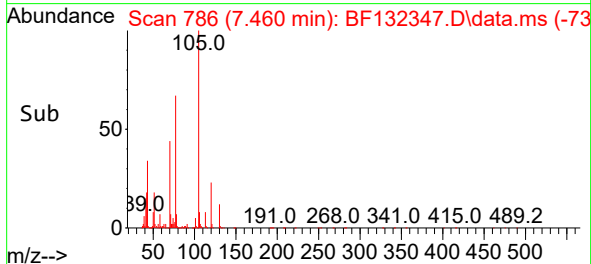
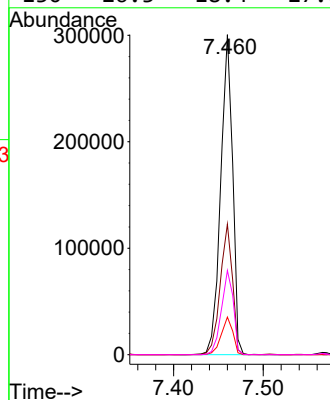
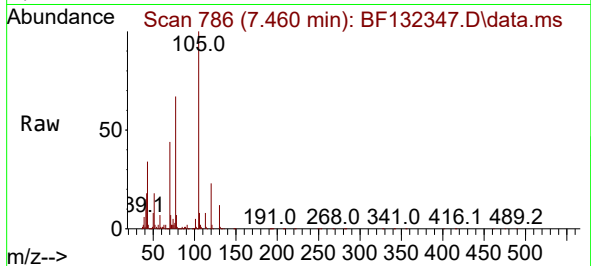




#19
n-Nitroso-di-n-propylamine
Concen: 40.692 ng
RT: 7.460 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

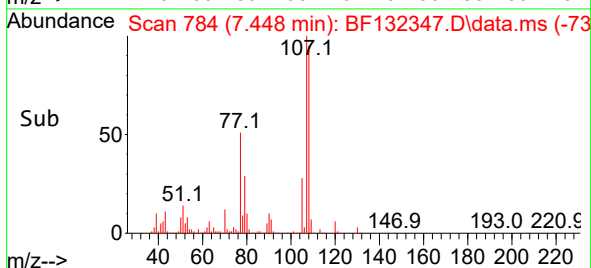
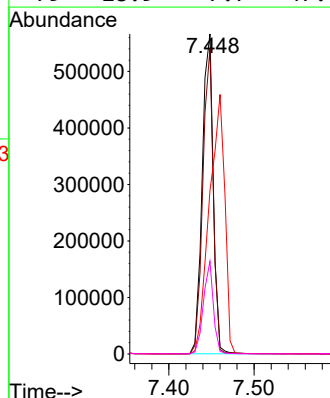
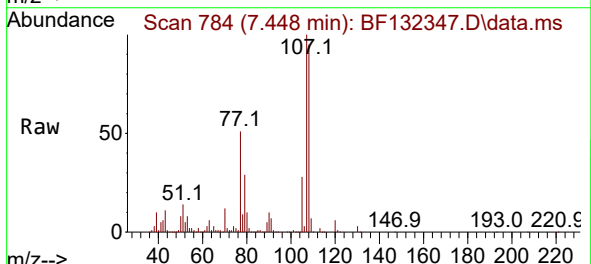
Instrument :
BNA_F
ClientSampleId :
A-2MS

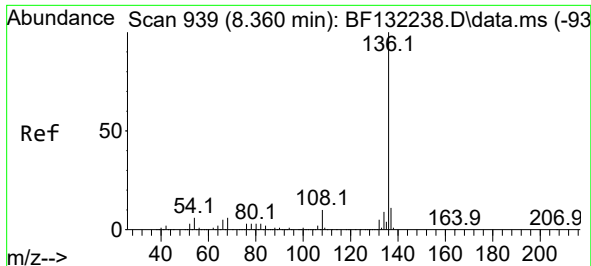
Tgt Ion:	70	Resp:	276695
Ion	Ratio	Lower	Upper
70	100		
42	40.8	33.4	50.0
101	11.7	8.2	12.4
130	26.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 45.213 ng
RT: 7.448 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:	107	Resp:	508008
Ion	Ratio	Lower	Upper
107	100		
108	95.4	71.6	111.6
77	51.0	13.4	53.4
79	28.9	7.7	47.7

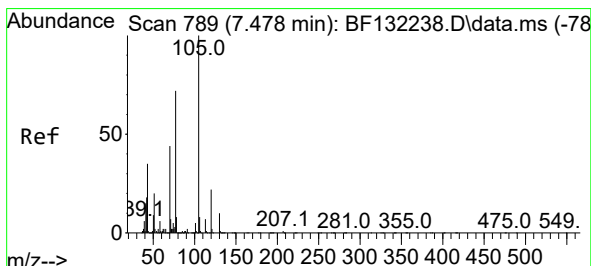
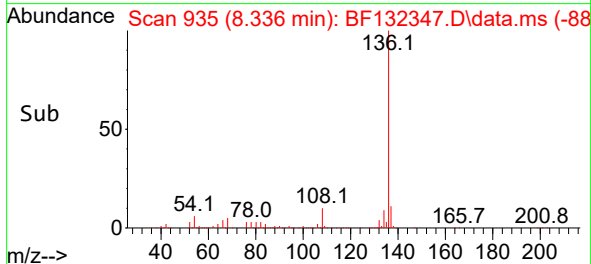
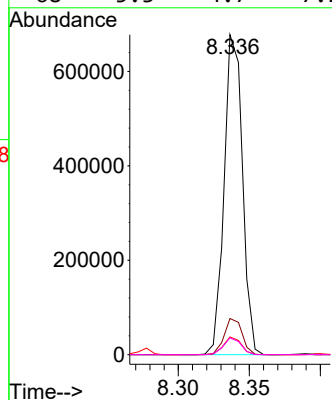
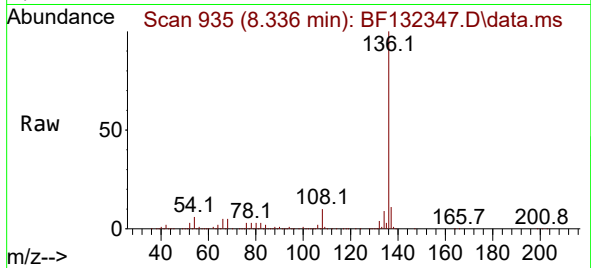




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

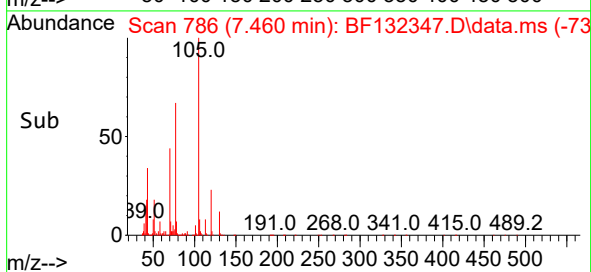
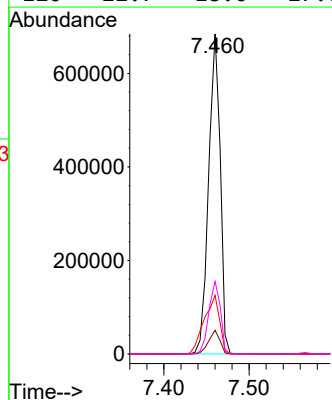
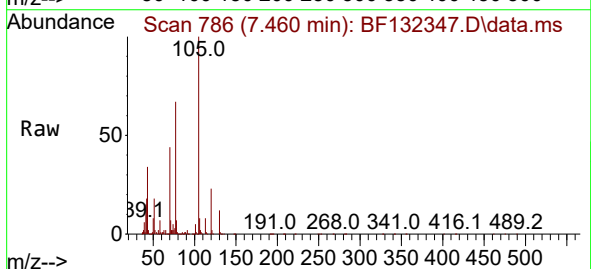
Instrument :
BNA_F
ClientSampleId :
A-2MS

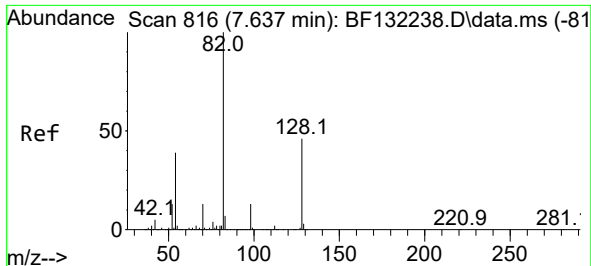
Tgt Ion:136 Resp: 606744
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.6 4.9 7.3
68 5.3 4.7 7.1



#22
Acetophenone
Concen: 45.264 ng
RT: 7.460 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:105 Resp: 645873
Ion Ratio Lower Upper
105 100
71 7.4 5.8 8.6
51 18.3 16.2 24.2
120 22.7 18.0 27.0





#23

Nitrobenzene-d5

Concen: 71.956 ng

RT: 7.619 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

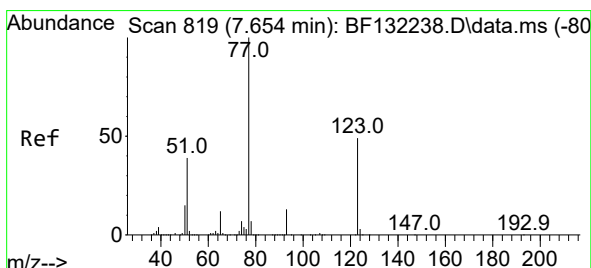
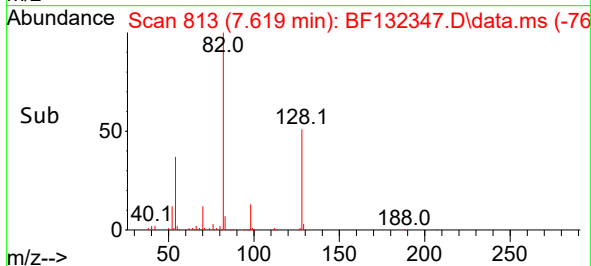
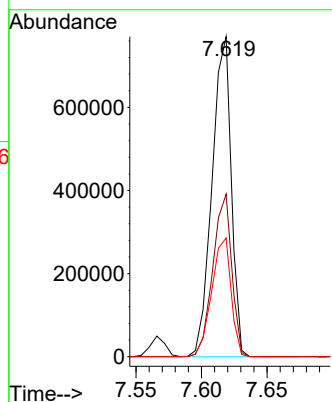
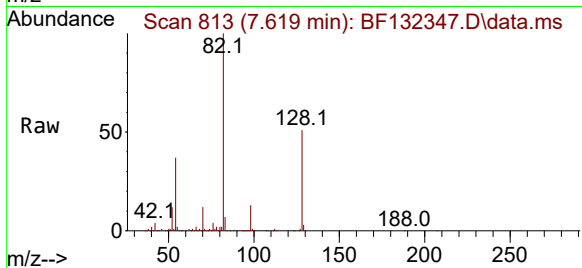
Tgt Ion: 82 Resp: 784560

Ion Ratio Lower Upper

82 100

128 50.8 37.0 55.4

54 37.1 31.5 47.3



#24

Nitrobenzene

Concen: 41.970 ng

RT: 7.636 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

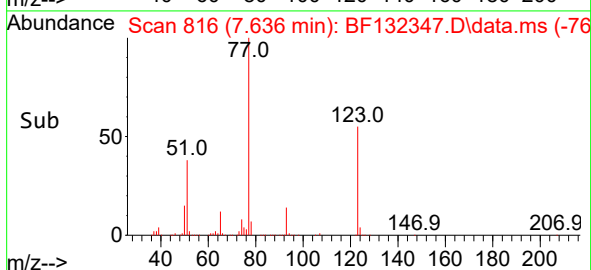
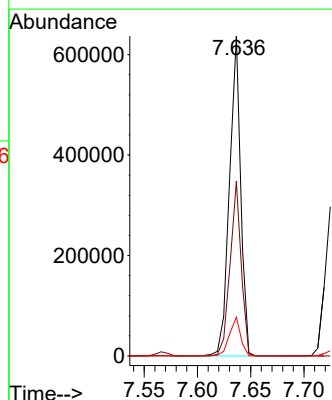
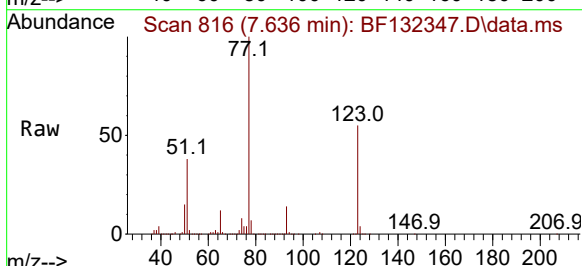
Tgt Ion: 77 Resp: 467504

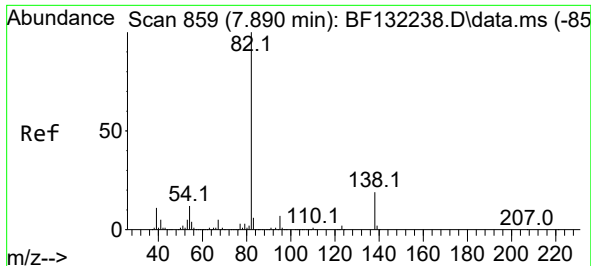
Ion Ratio Lower Upper

77 100

123 54.6 39.5 59.3

65 12.1 9.8 14.8

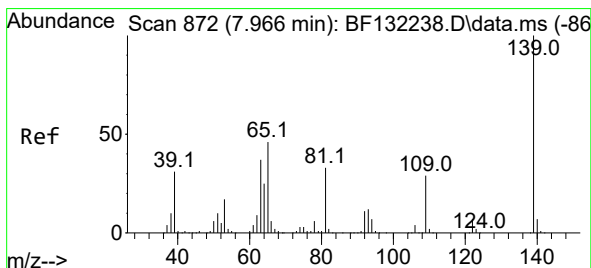
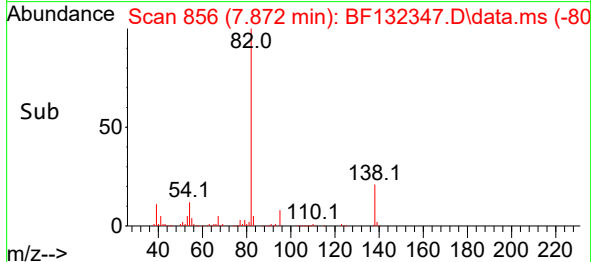
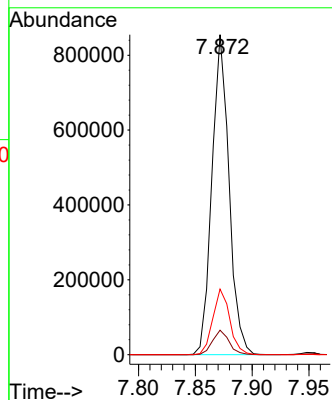
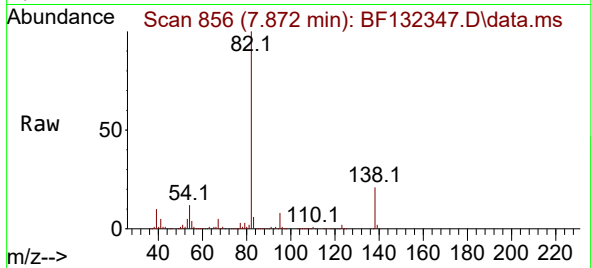




#25
Isophorone
Concen: 43.236 ng
RT: 7.872 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

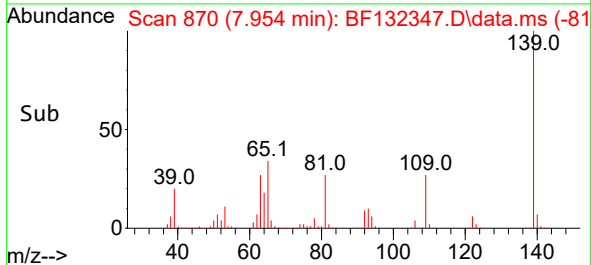
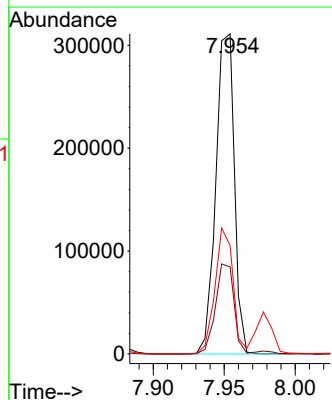
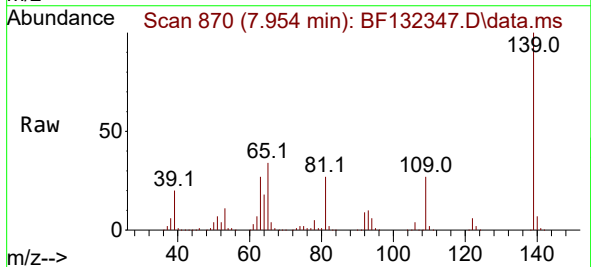
Instrument :
BNA_F
ClientSampleId :
A-2MS

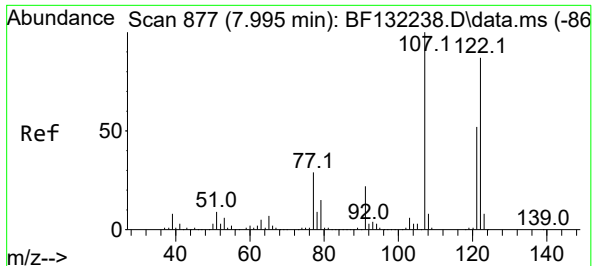
Tgt Ion: 82 Resp: 894753
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 20.5 15.0 22.6



#26
2-Nitrophenol
Concen: 51.938 ng
RT: 7.954 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion: 139 Resp: 281801
Ion Ratio Lower Upper
139 100
109 27.2 23.0 34.6
65 33.9 36.6 55.0#





#27

2,4-Dimethylphenol

Concen: 48.463 ng

RT: 7.978 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

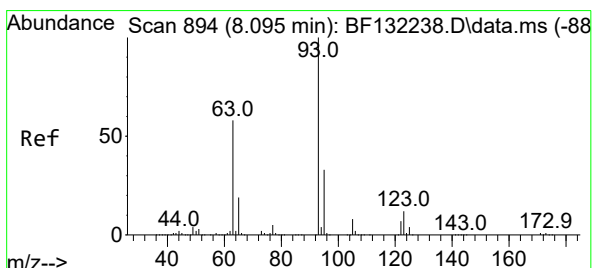
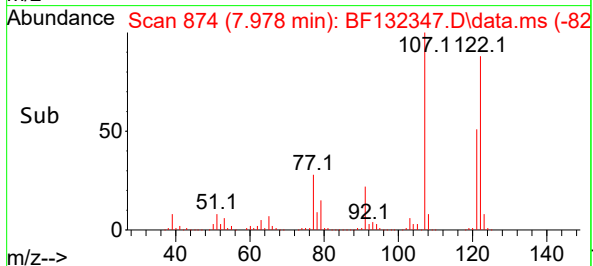
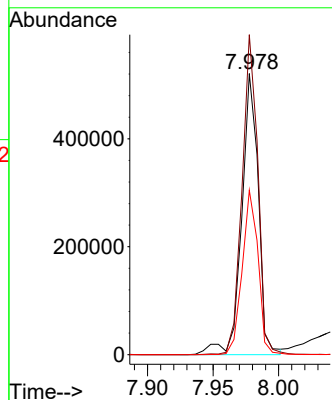
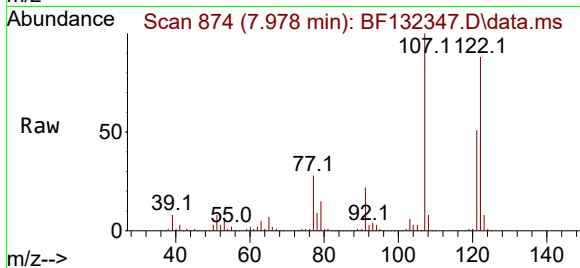
Tgt Ion:122 Resp: 460247

Ion Ratio Lower Upper

122 100

107 113.8 91.9 137.9

121 58.5 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.707 ng

RT: 8.078 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

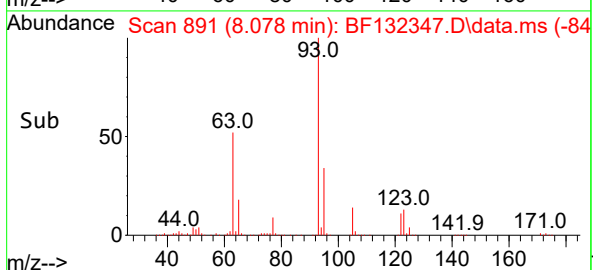
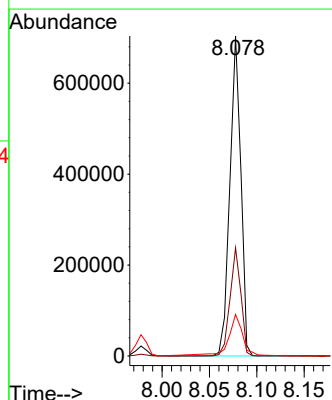
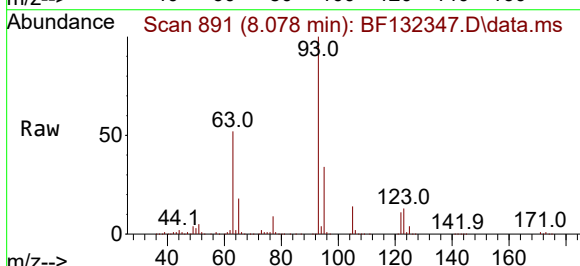
Tgt Ion: 93 Resp: 568562

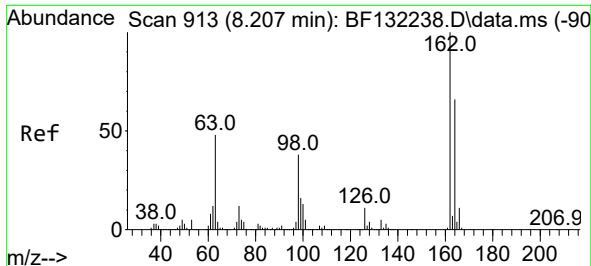
Ion Ratio Lower Upper

93 100

95 33.8 26.6 40.0

123 12.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.654 ng

RT: 8.189 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

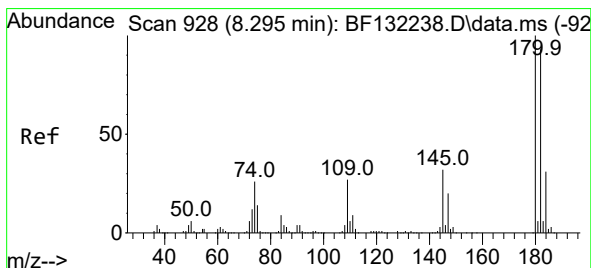
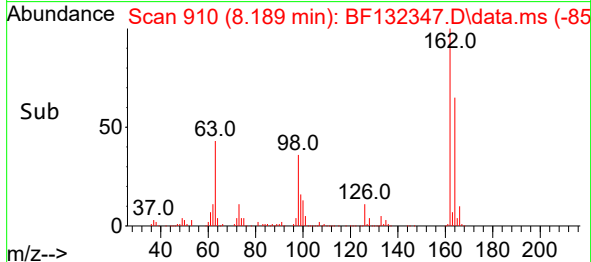
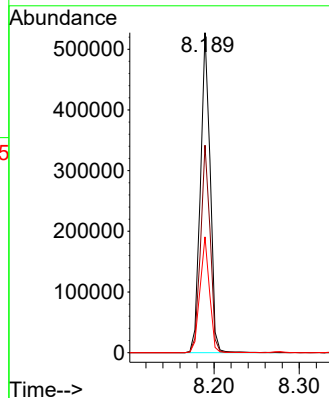
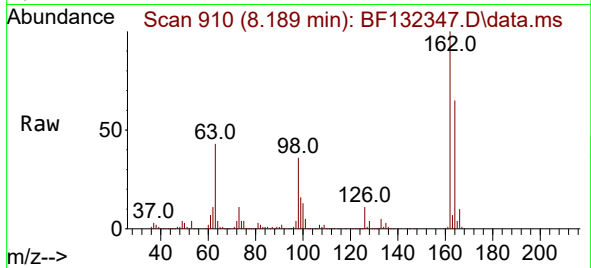
Tgt Ion:162 Resp: 418670

Ion Ratio Lower Upper

162 100

164 64.9 46.4 86.4

98 36.2 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 50.042 ng

RT: 8.278 min Scan# 925

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

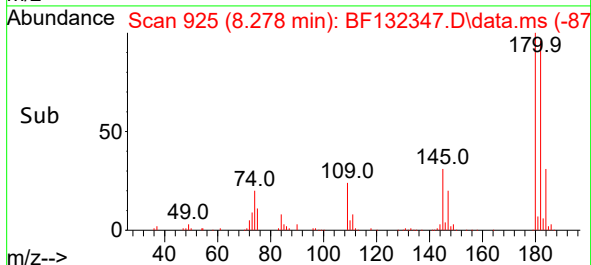
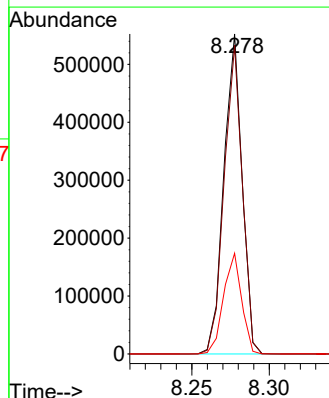
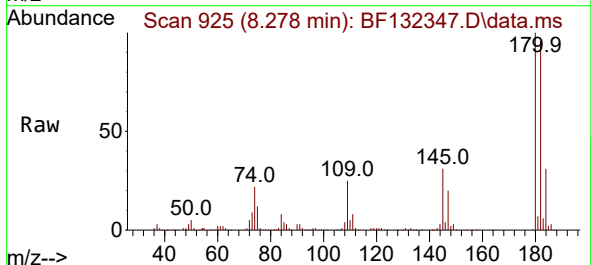
Tgt Ion:180 Resp: 451831

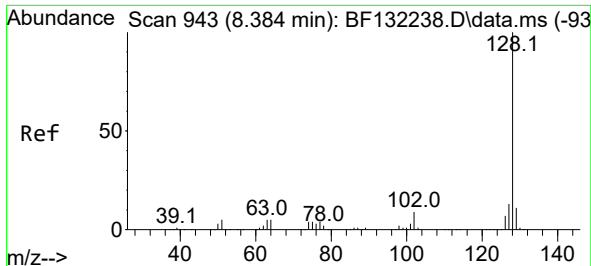
Ion Ratio Lower Upper

180 100

182 96.4 74.6 112.0

145 31.4 25.3 37.9

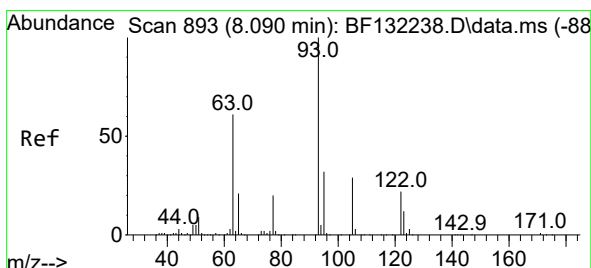
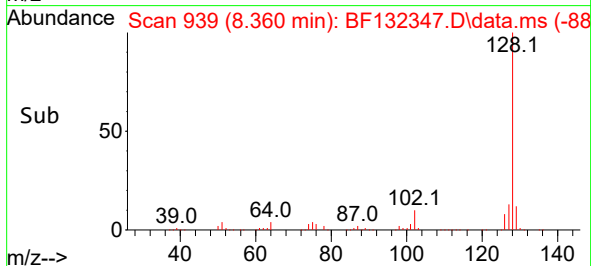
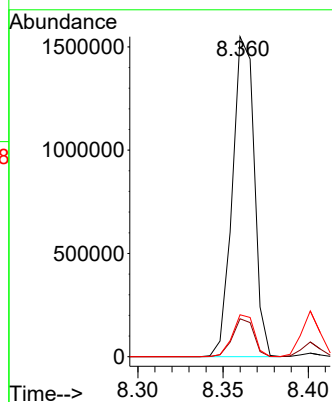
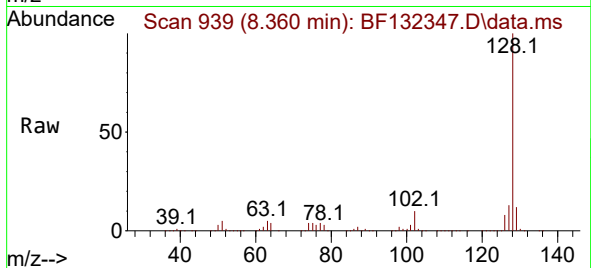




#31
Naphthalene
Concen: 46.351 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

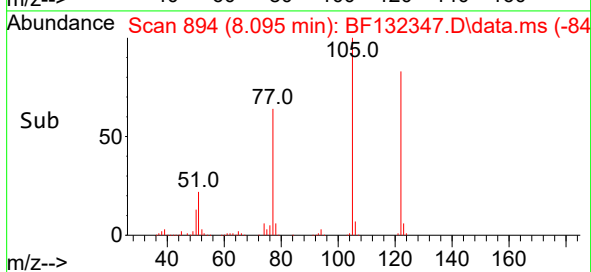
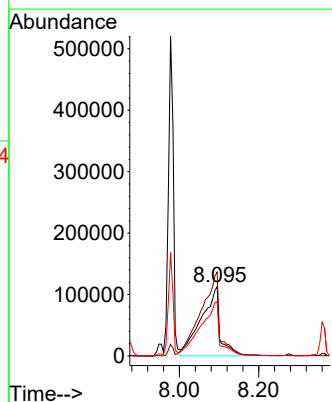
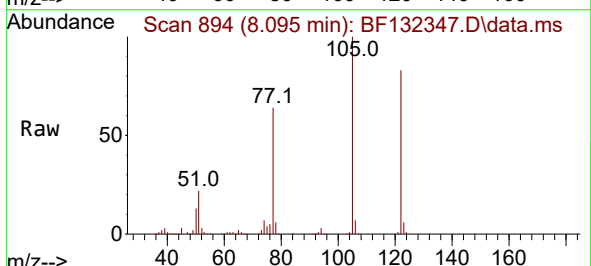
Instrument :
BNA_F
ClientSampleId :
A-2MS

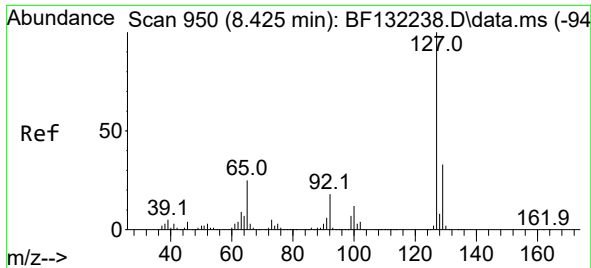
Tgt Ion:128 Resp: 1384304
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 53.002 ng
RT: 8.095 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:122 Resp: 372591
Ion Ratio Lower Upper
122 100
105 121.0 106.3 146.3
77 77.9 70.6 110.6

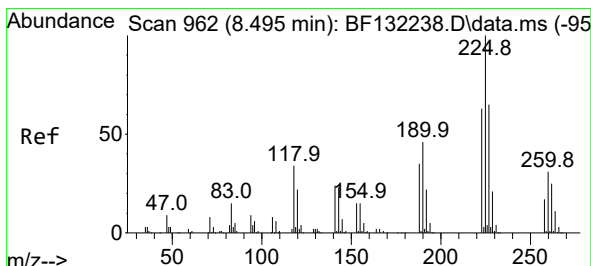
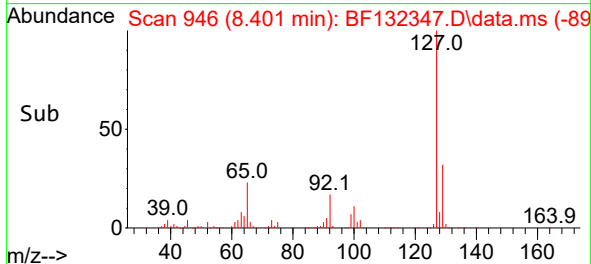
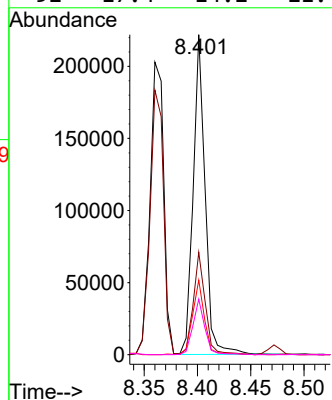
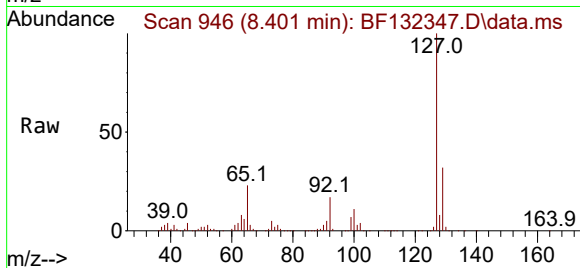




#33
4-Chloroaniline
Concen: 13.047 ng
RT: 8.401 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

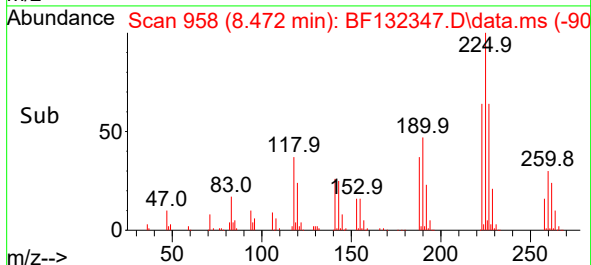
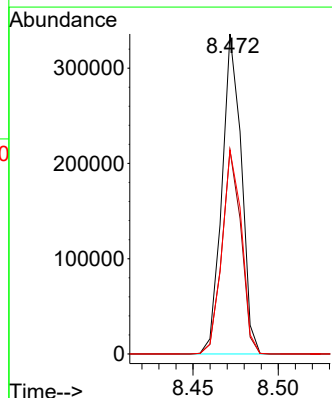
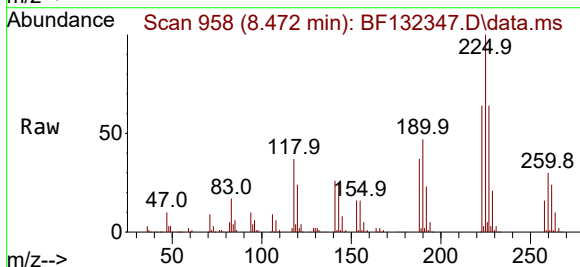
Instrument :
BNA_F
ClientSampleId :
A-2MS

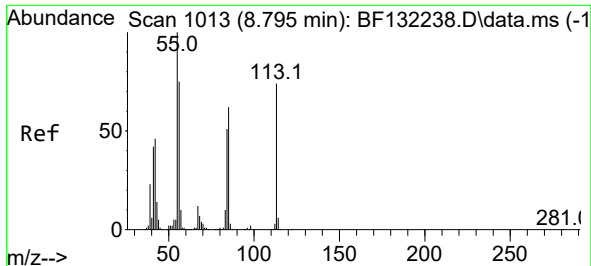
Tgt Ion:	127	Resp:	172788
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	23.3	20.2	30.2
92	17.4	14.2	21.4



#34
Hexachlorobutadiene
Concen: 52.325 ng
RT: 8.472 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:	225	Resp:	265597
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	75.8
227	63.7	51.7	77.5

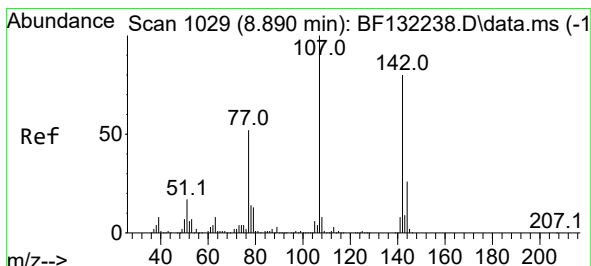
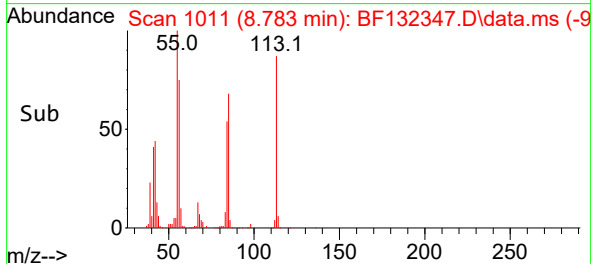
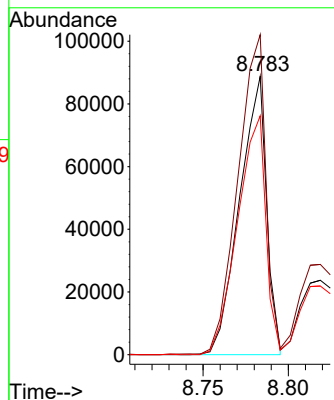
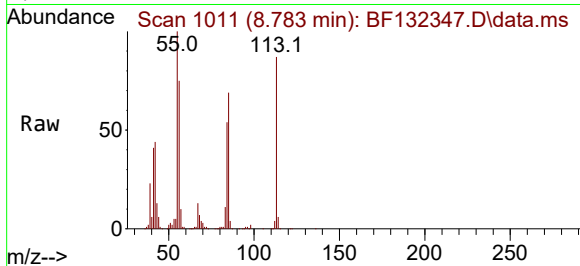




#35
Caprolactam
Concen: 33.951 ng
RT: 8.783 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

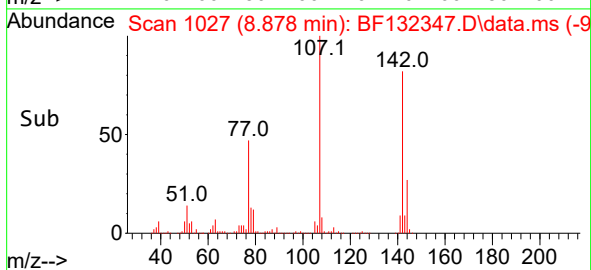
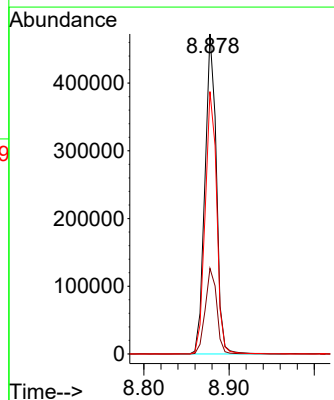
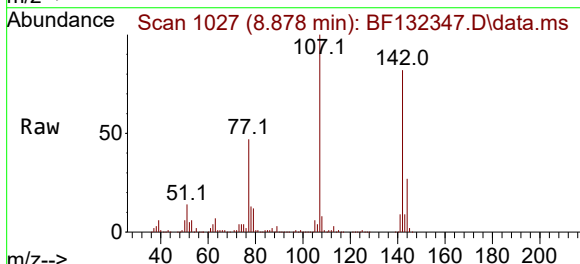
Instrument :
BNA_F
ClientSampleId :
A-2MS

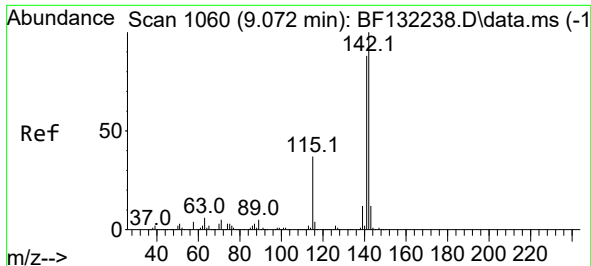
Tgt Ion:113 Resp: 97590
Ion Ratio Lower Upper
113 100
55 114.9 114.7 154.7
56 85.8 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 48.249 ng
RT: 8.878 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:107 Resp: 438281
Ion Ratio Lower Upper
107 100
144 26.8 20.5 30.7
142 82.0 63.6 95.4

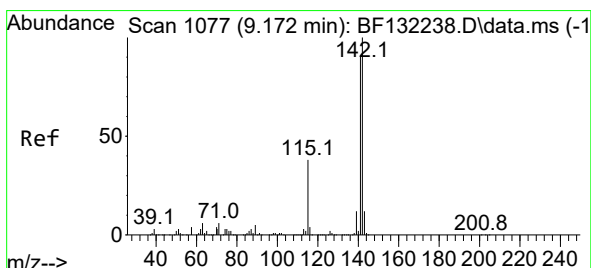
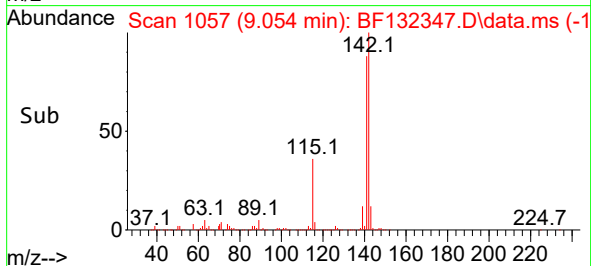
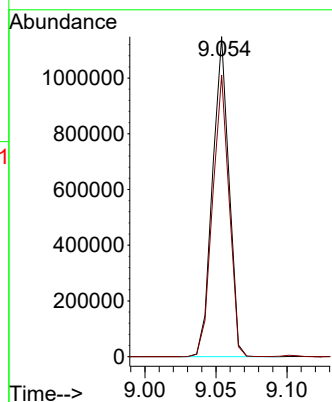
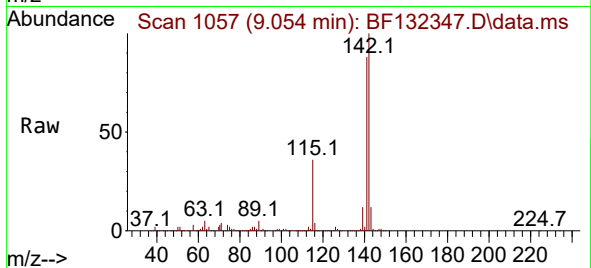




#37
2-Methylnaphthalene
Concen: 45.824 ng
RT: 9.054 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

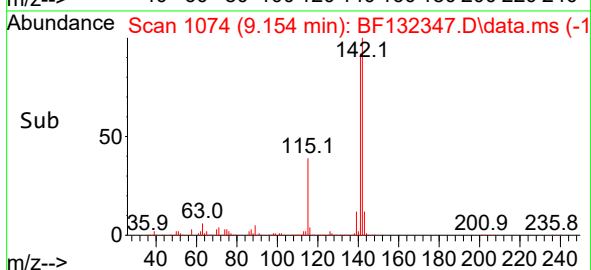
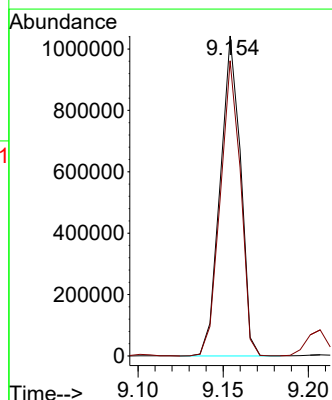
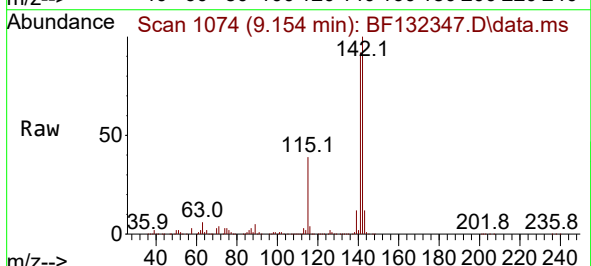
Instrument :
BNA_F
ClientSampleId :
A-2MS

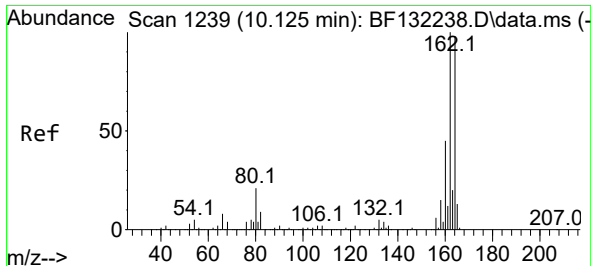
Tgt Ion:142 Resp: 927021
Ion Ratio Lower Upper
142 100
141 88.0 70.1 105.1



#38
1-Methylnaphthalene
Concen: 45.972 ng
RT: 9.154 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:142 Resp: 864263
Ion Ratio Lower Upper
142 100
141 92.2 72.6 108.8

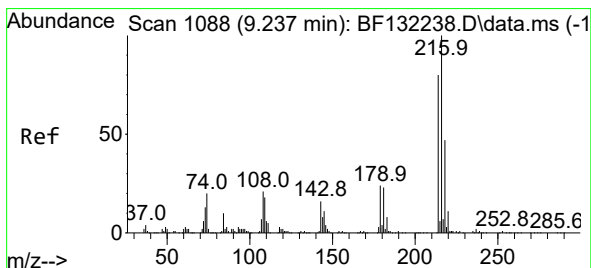
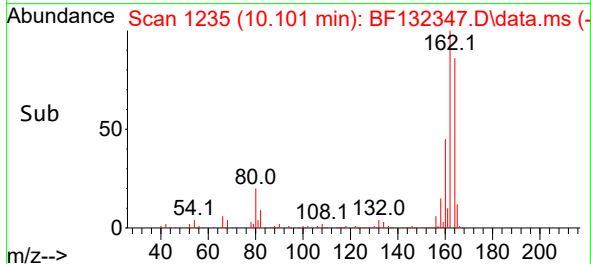
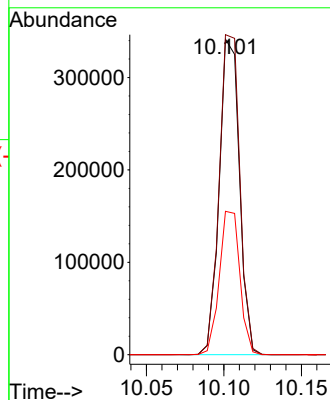
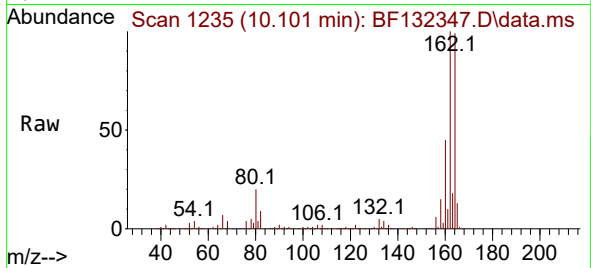




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

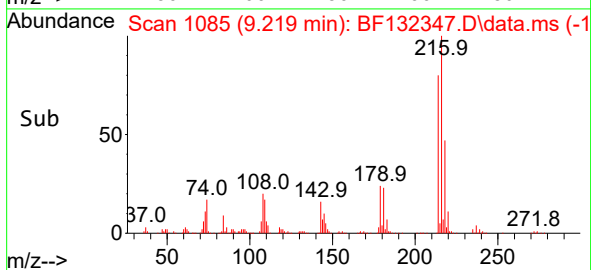
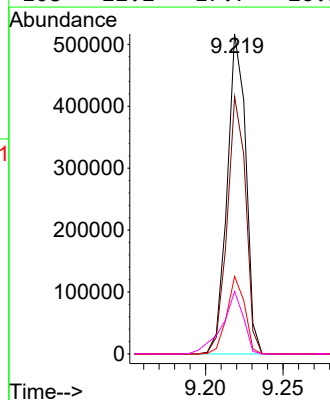
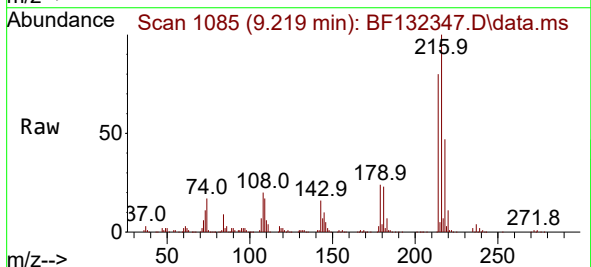
Instrument :
BNA_F
ClientSampleId :
A-2MS

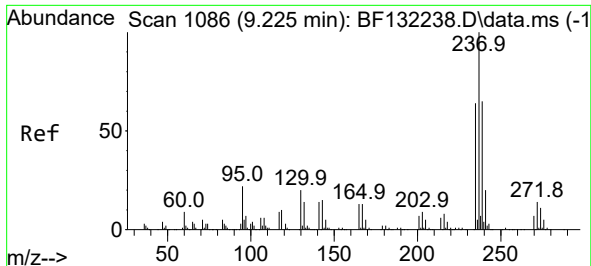
Tgt Ion:164 Resp: 309921
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 45.5 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.637 ng
RT: 9.219 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:216 Resp: 432913
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 23.2 18.3 27.5
108 22.2 17.7 26.5





#41

Hexachlorocyclopentadiene

Concen: 109.653 ng

RT: 9.207 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

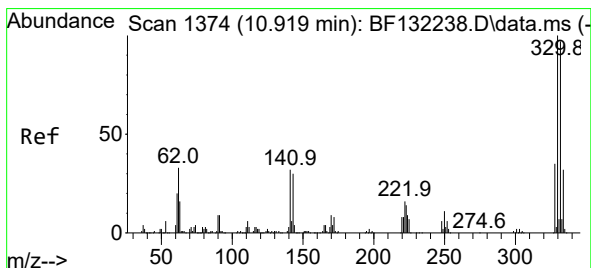
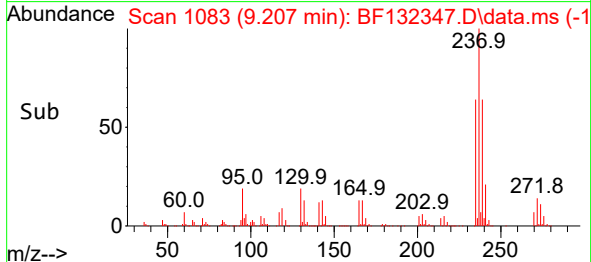
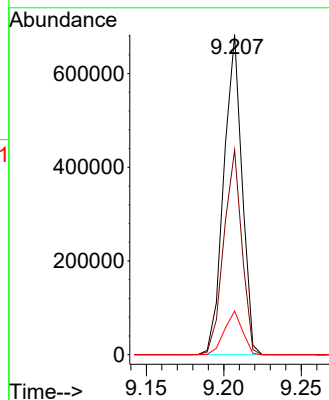
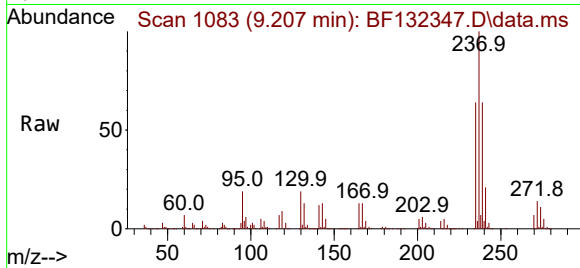
Tgt Ion:237 Resp: 557959

Ion Ratio Lower Upper

237 100

235 63.9 43.5 83.5

272 13.6 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 145.046 ng

RT: 10.901 min Scan# 1371

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

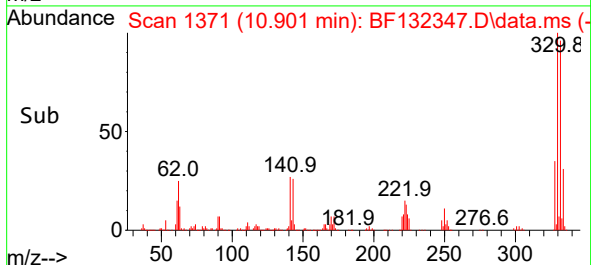
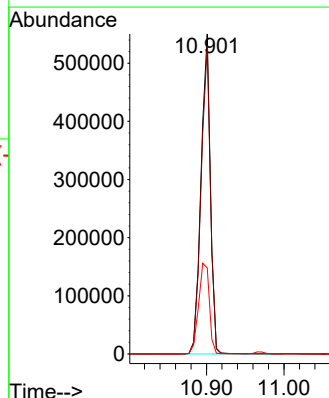
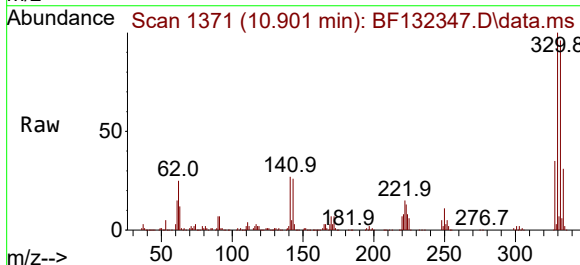
Tgt Ion:330 Resp: 462278

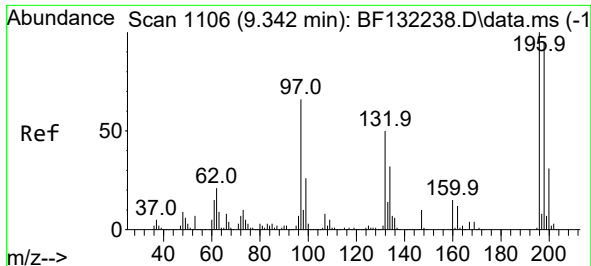
Ion Ratio Lower Upper

330 100

332 96.1 77.9 116.9

141 32.5 31.0 46.4

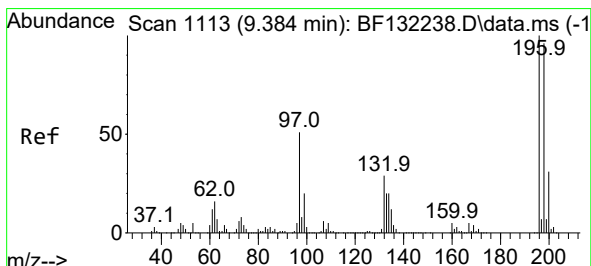
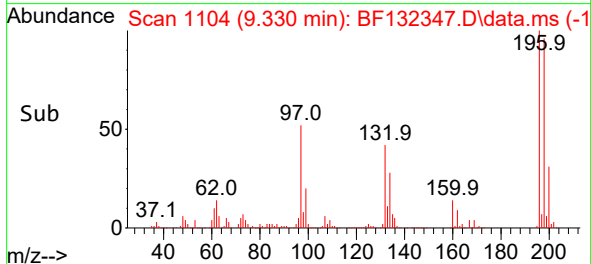
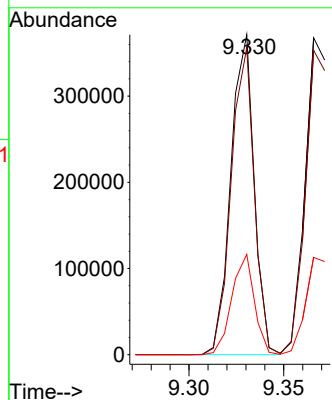
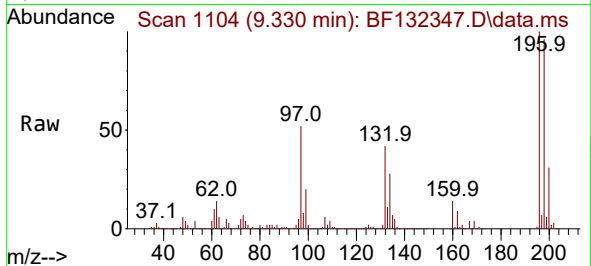




#43
2,4,6-Trichlorophenol
Concen: 50.942 ng
RT: 9.330 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

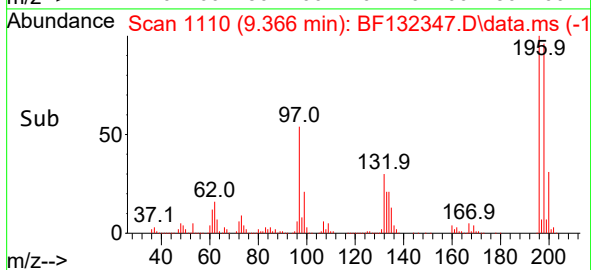
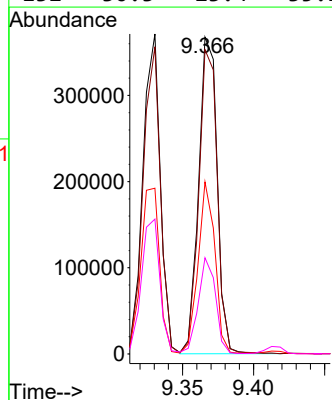
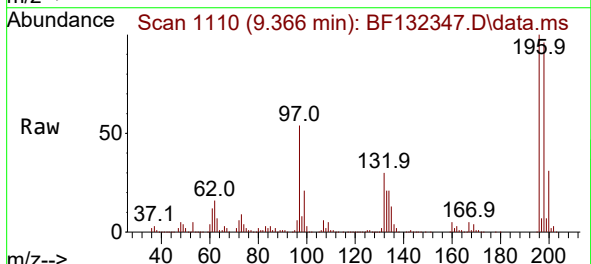
Instrument :
BNA_F
ClientSampleId :
A-2MS

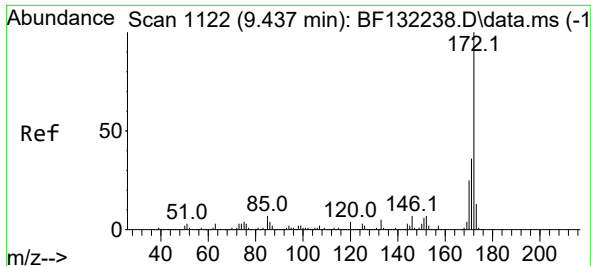
Tgt Ion:196 Resp: 317590
Ion Ratio Lower Upper
196 100
198 96.0 75.9 113.9
200 31.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 46.630 ng
RT: 9.366 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:196 Resp: 334608
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
97 54.3 41.2 61.8
132 30.3 23.4 35.2

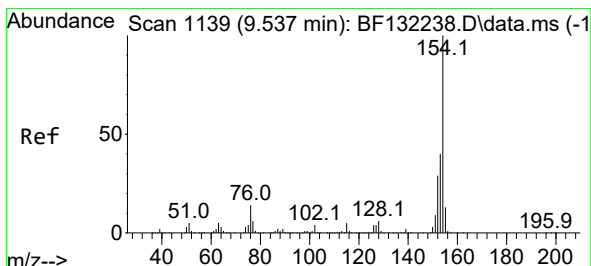
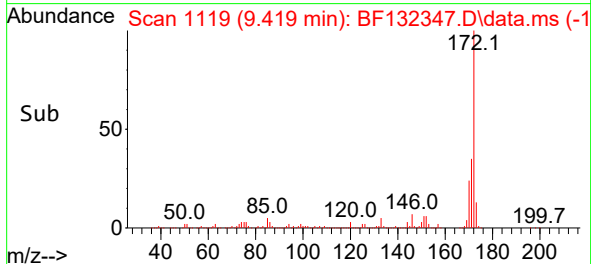
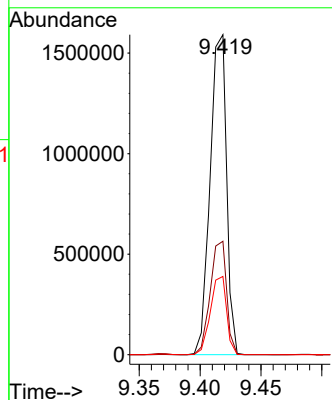
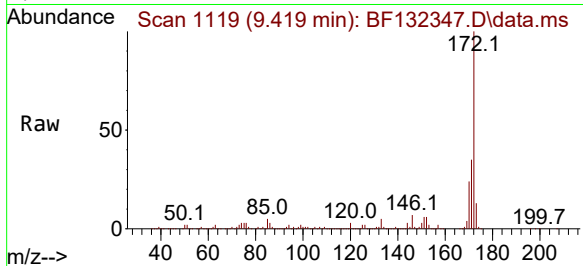




#45
2-Fluorobiphenyl
Concen: 74.738 ng
RT: 9.419 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

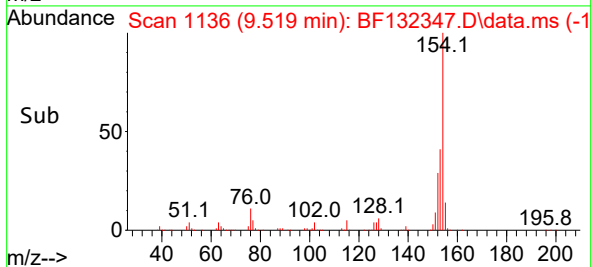
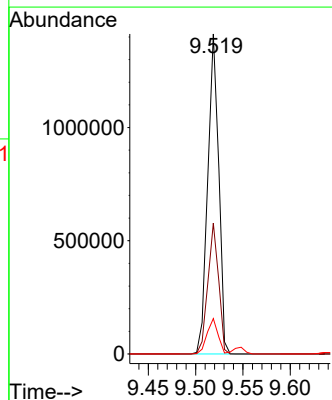
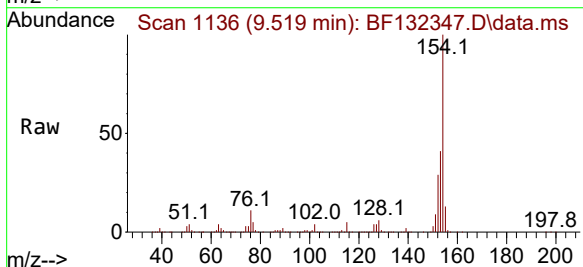
Instrument :
BNA_F
ClientSampleId :
A-2MS

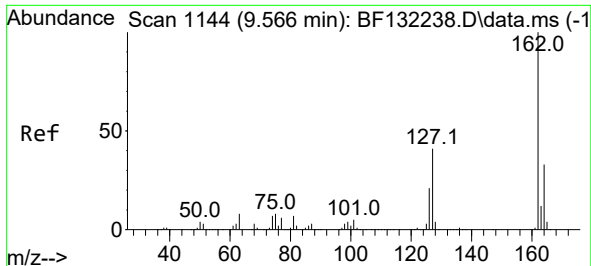
Tgt Ion:172 Resp: 1499940
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.5 19.7 29.5



#46
1,1'-Biphenyl
Concen: 47.302 ng
RT: 9.519 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:154 Resp: 1130186
Ion Ratio Lower Upper
154 100
153 40.9 19.9 59.9
76 11.1 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.386 ng

RT: 9.548 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

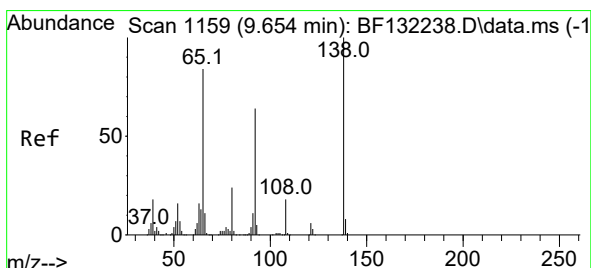
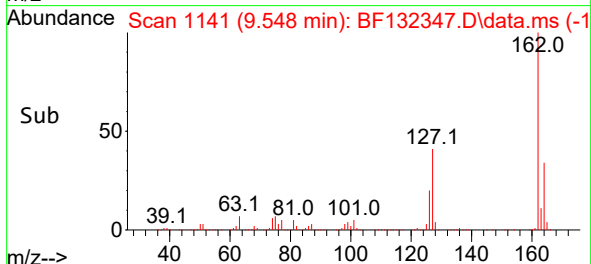
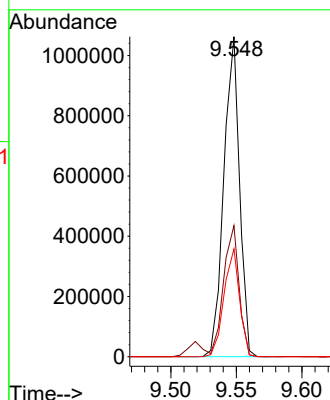
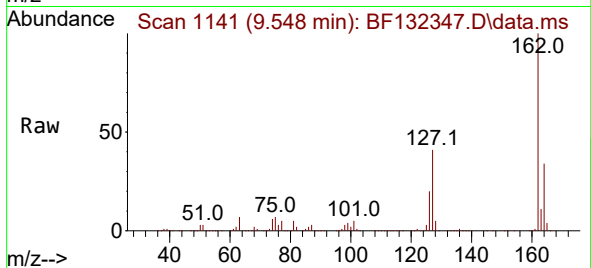
Tgt Ion:162 Resp: 880544

Ion Ratio Lower Upper

162 100

127 41.0 33.3 49.9

164 33.7 26.8 40.2



#48

2-Nitroaniline

Concen: 41.490 ng

RT: 9.642 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

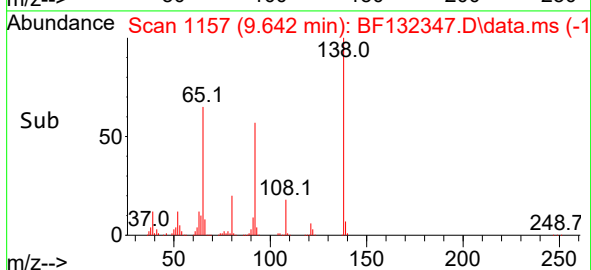
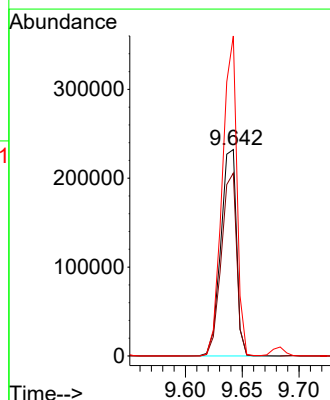
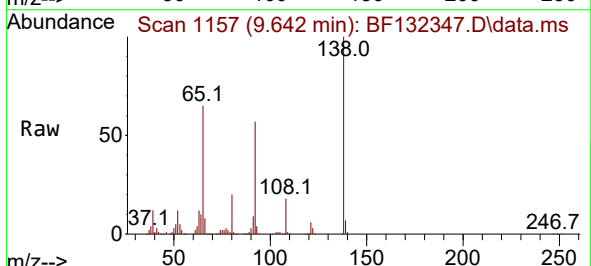
Tgt Ion: 65 Resp: 224555

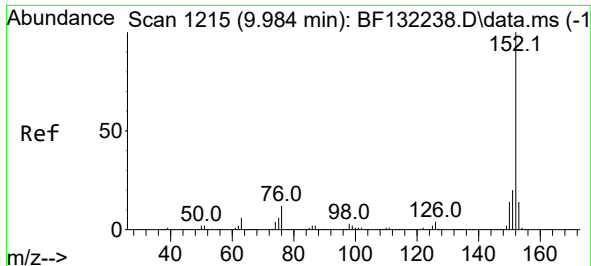
Ion Ratio Lower Upper

65 100

92 88.5 61.0 91.4

138 155.0 95.0 142.4#





#49

Acenaphthylene

Concen: 46.402 ng

RT: 9.966 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

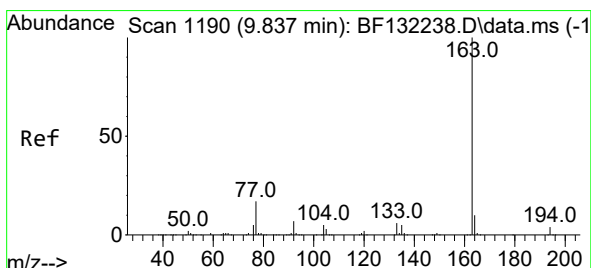
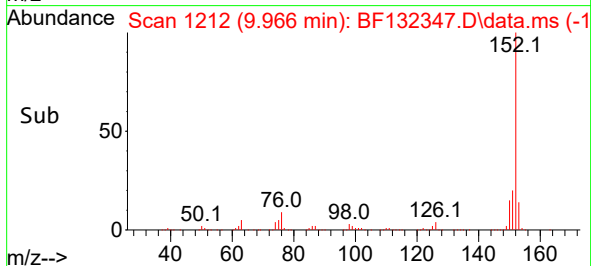
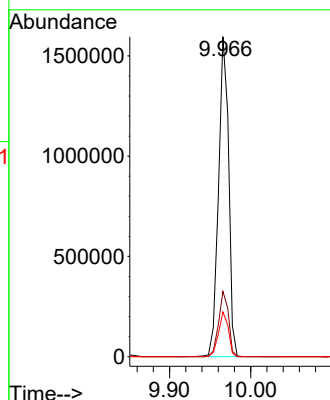
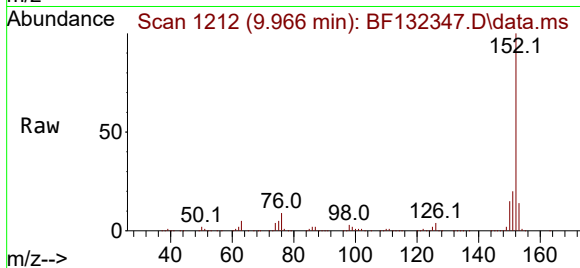
Tgt Ion:152 Resp: 1378165

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 48.327 ng

RT: 9.819 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

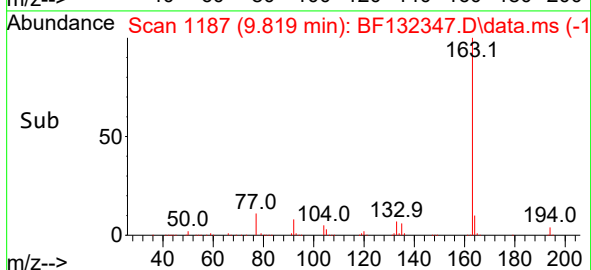
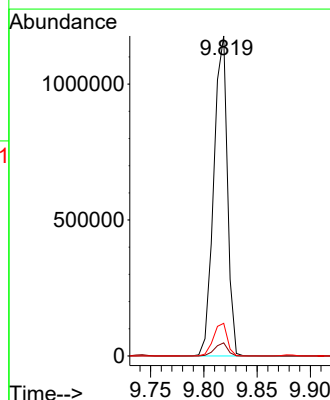
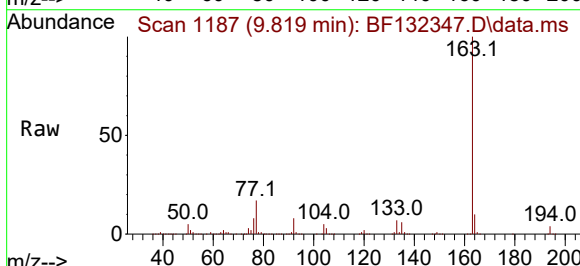
Tgt Ion:163 Resp: 1047690

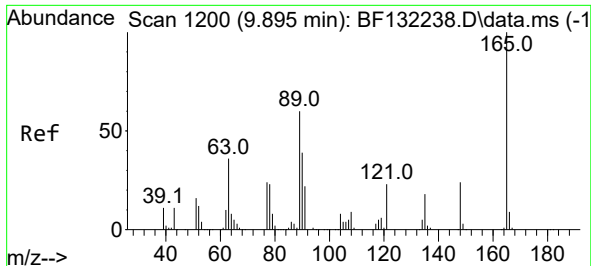
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 10.2 7.9 11.9

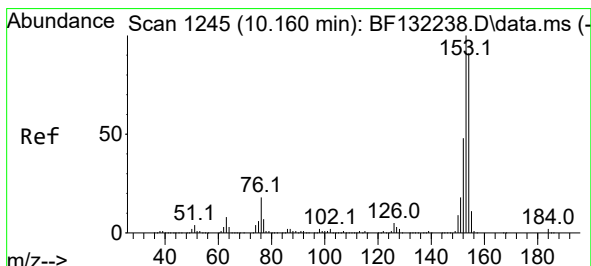
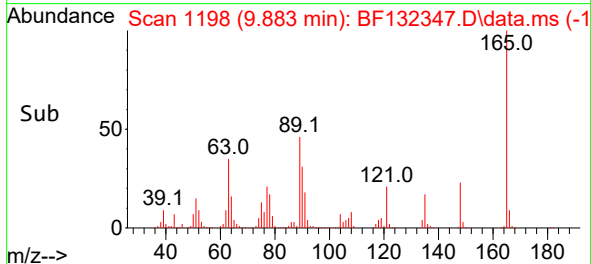
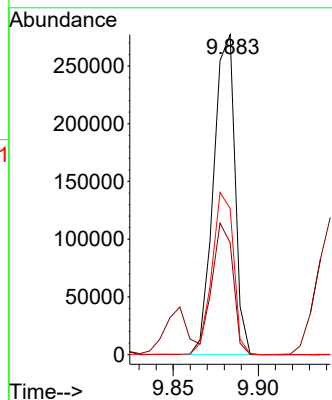
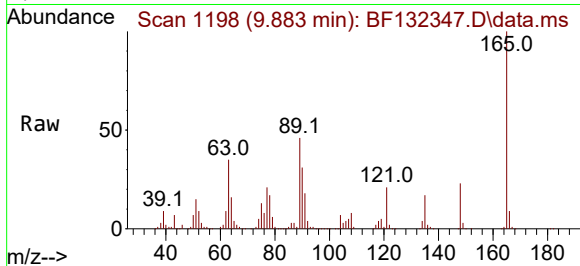




#51
2,6-Dinitrotoluene
Concen: 49.989 ng
RT: 9.883 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

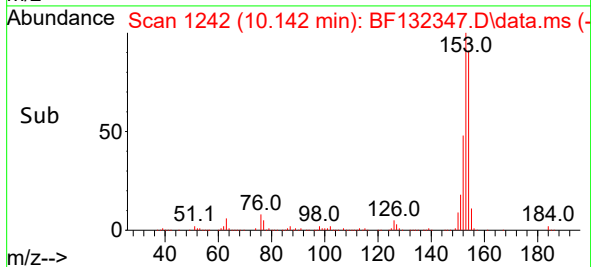
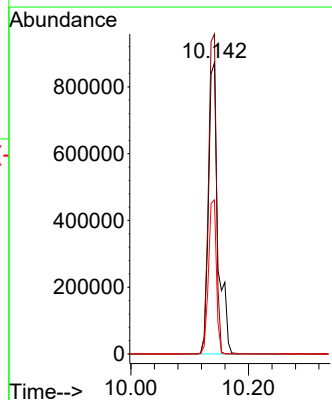
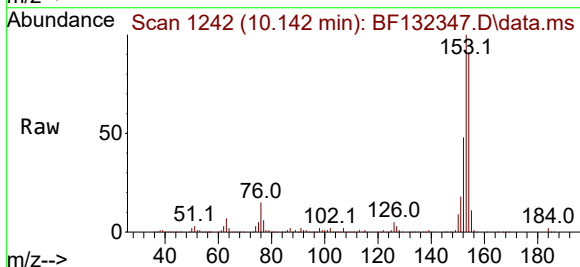
Instrument :
BNA_F
ClientSampleId :
A-2MS

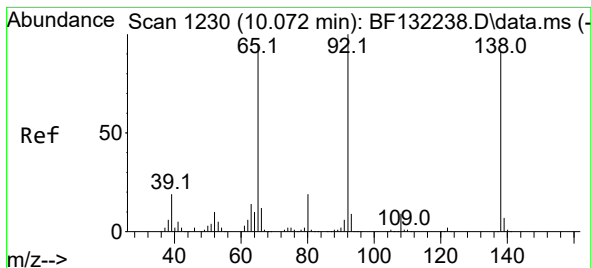
Tgt Ion:165 Resp: 242036
Ion Ratio Lower Upper
165 100
63 35.0 41.5 62.3#
89 45.7 48.1 72.1#



#52
Acenaphthene
Concen: 53.129 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:154 Resp: 987911
Ion Ratio Lower Upper
154 100
153 109.9 88.3 132.5
152 52.9 42.7 64.1

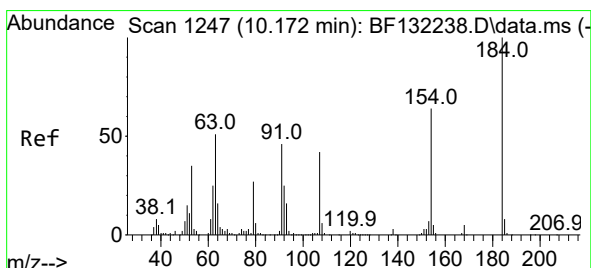
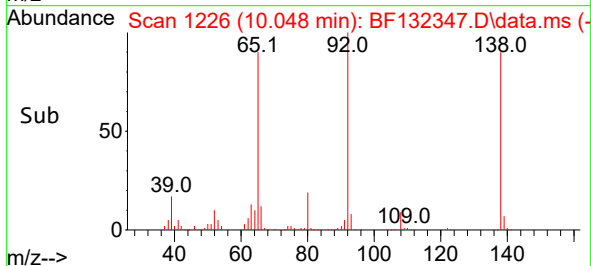
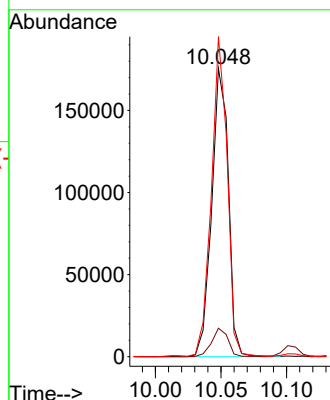
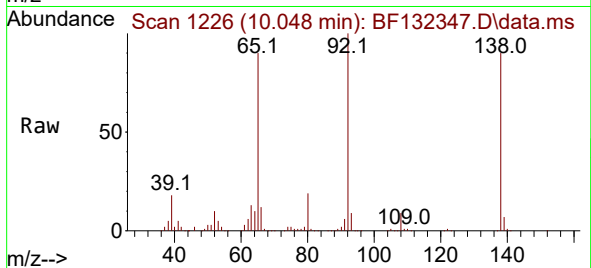




#53
3-Nitroaniline
Concen: 26.459 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

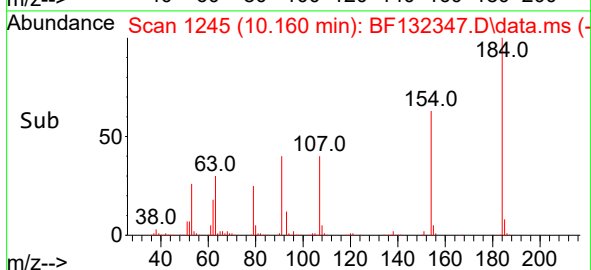
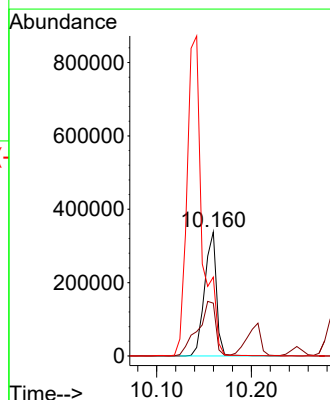
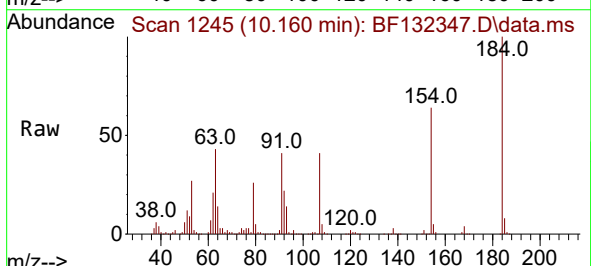
Instrument :
BNA_F
ClientSampleId :
A-2MS

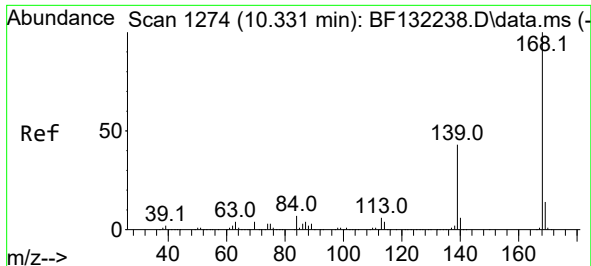
Tgt Ion:138 Resp: 155360
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 111.0 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 103.988 ng
RT: 10.160 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:184 Resp: 295705
Ion Ratio Lower Upper
184 100
63 42.6 41.6 62.4
154 63.6 57.0 85.6

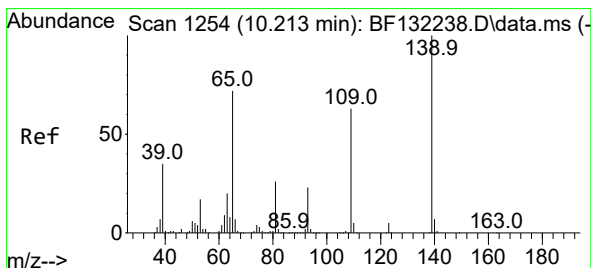
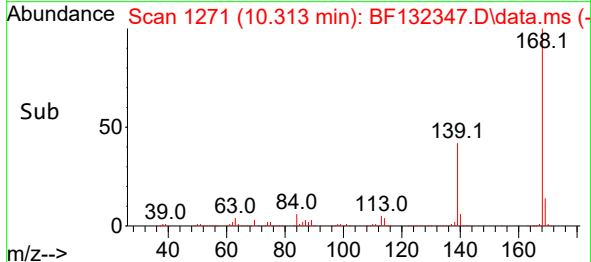
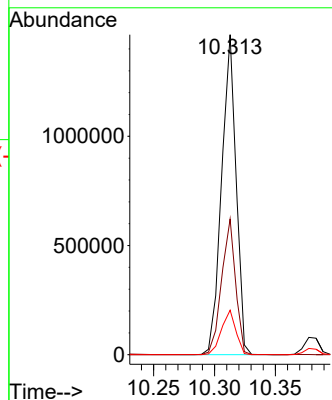
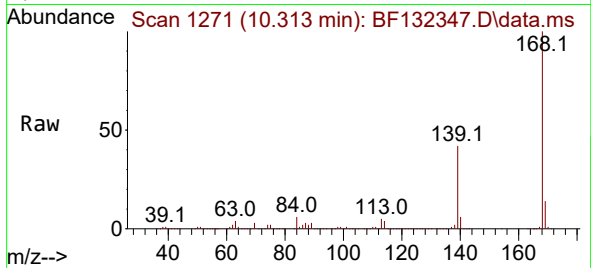




#55
Dibenzenofuran
Concen: 46.546 ng
RT: 10.313 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

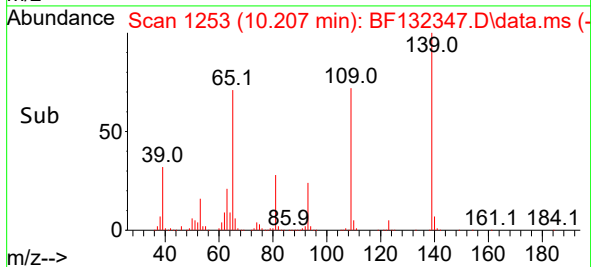
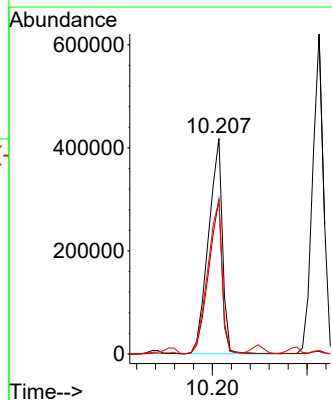
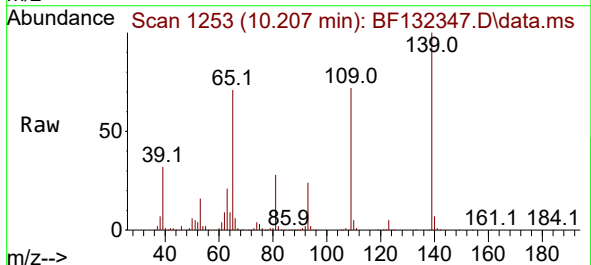
Instrument :
BNA_F
ClientSampleId :
A-2MS

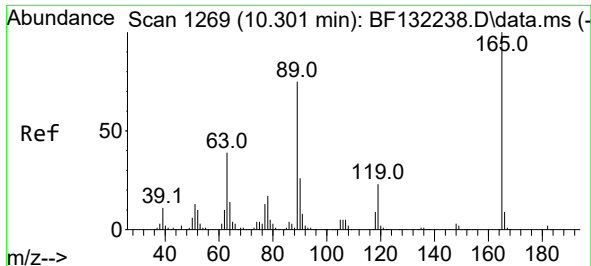
Tgt Ion:168 Resp: 1216042
Ion Ratio Lower Upper
168 100
139 42.4 34.2 51.4
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 97.291 ng
RT: 10.207 min Scan# 1253
Delta R.T. 0.012 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:139 Resp: 429874
Ion Ratio Lower Upper
139 100
109 71.7 43.3 83.3
65 71.0 52.3 92.3

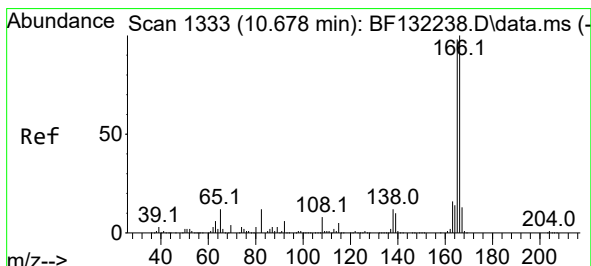
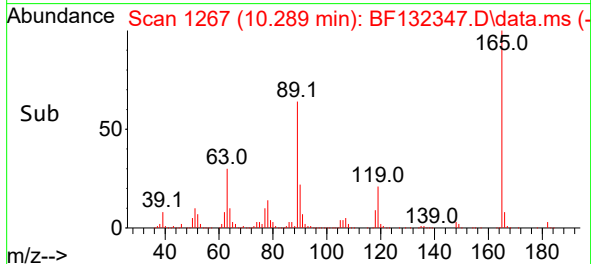
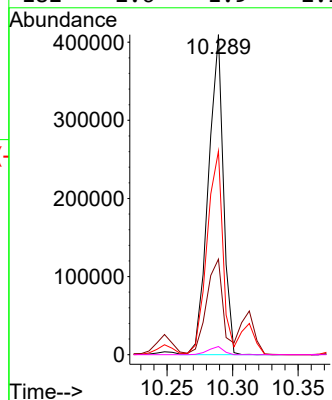
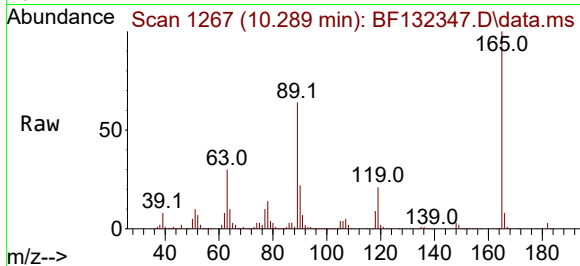




#57
2,4-Dinitrotoluene
Concen: 52.043 ng
RT: 10.289 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

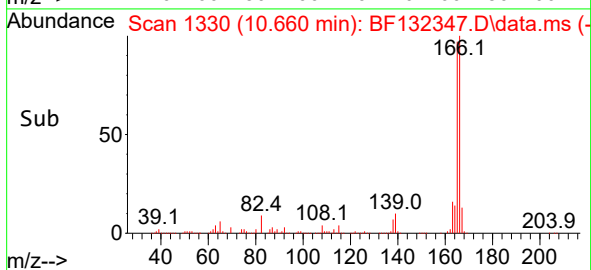
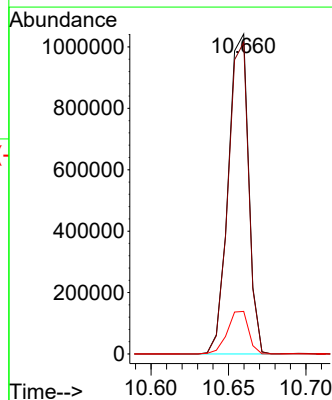
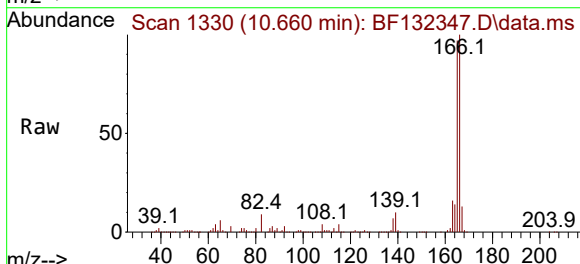
Instrument :
BNA_F
ClientSampleId :
A-2MS

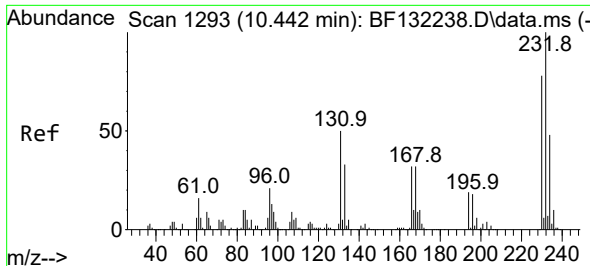
Tgt Ion:165 Resp: 327324
Ion Ratio Lower Upper
165 100
63 29.8 30.9 46.3#
89 63.6 60.1 90.1
182 2.6 1.9 2.9



#58
Fluorene
Concen: 47.507 ng
RT: 10.660 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:166 Resp: 955208
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.3 10.8 16.2

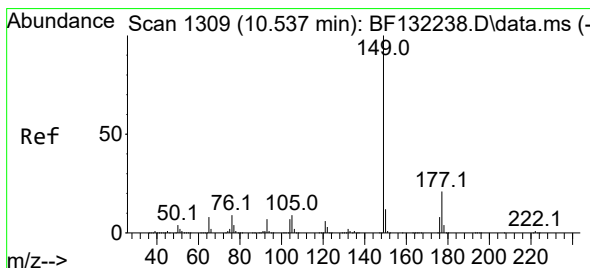
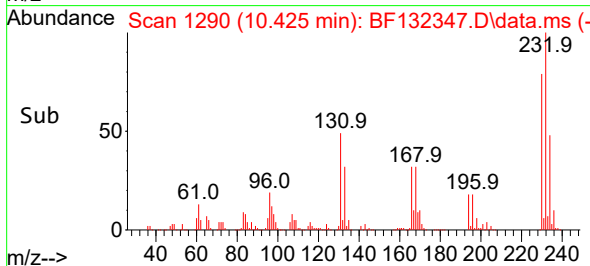
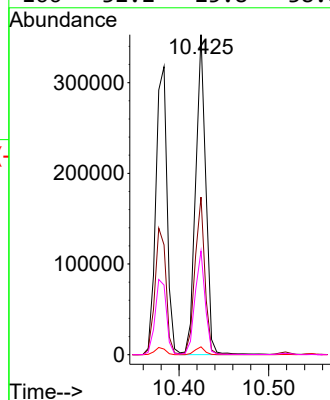
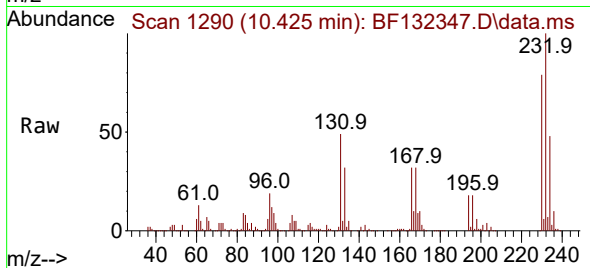




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.970 ng
RT: 10.425 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

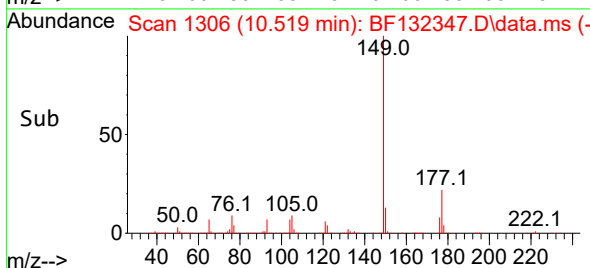
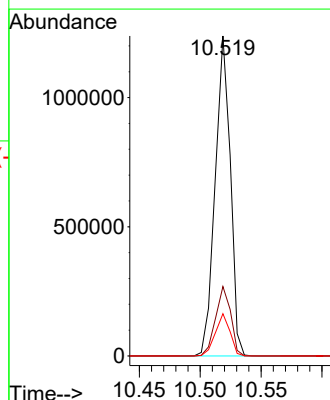
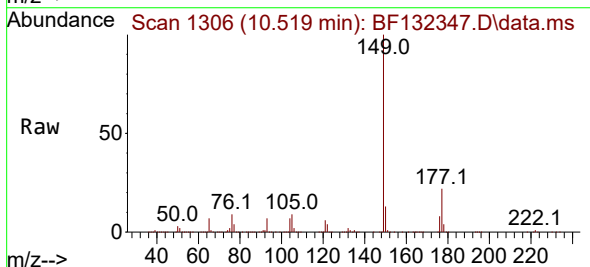
Instrument :
BNA_F
ClientSampleId :
A-2MS

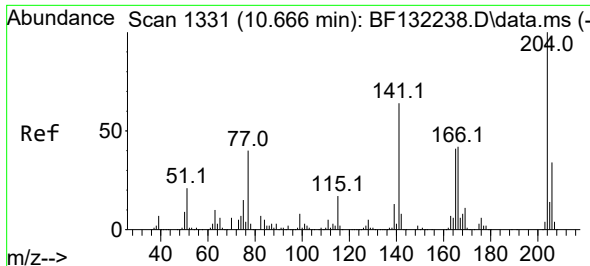
Tgt Ion:232 Resp: 277097
Ion Ratio Lower Upper
232 100
131 48.1 40.6 61.0
130 2.4 1.9 2.9
166 32.2 25.8 38.8



#60
Diethylphthalate
Concen: 49.540 ng
RT: 10.519 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:149 Resp: 1068413
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 13.2 9.9 14.9

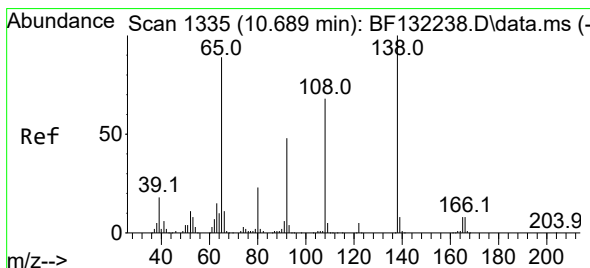
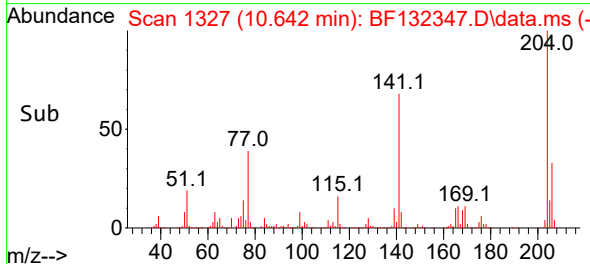
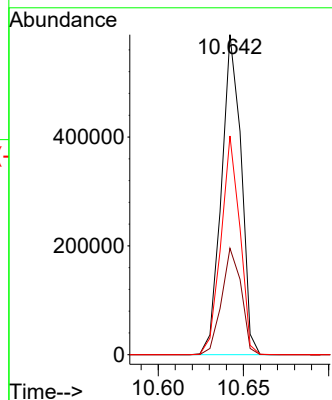
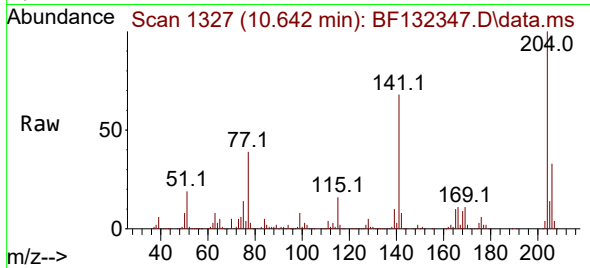




#61
4-Chlorophenyl-phenylether
Concen: 49.451 ng
RT: 10.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

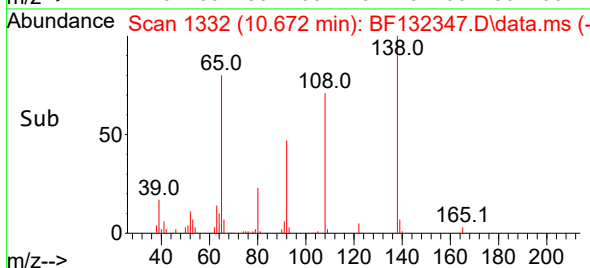
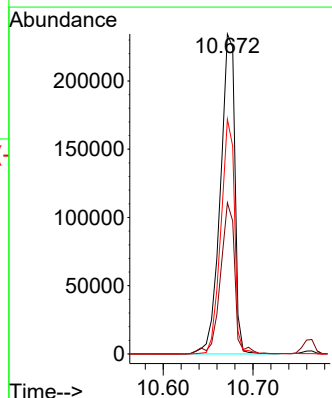
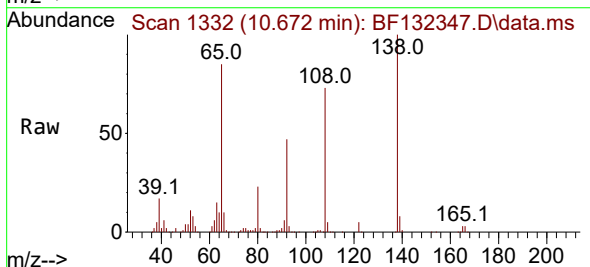
Instrument :
BNA_F
ClientSampleId :
A-2MS

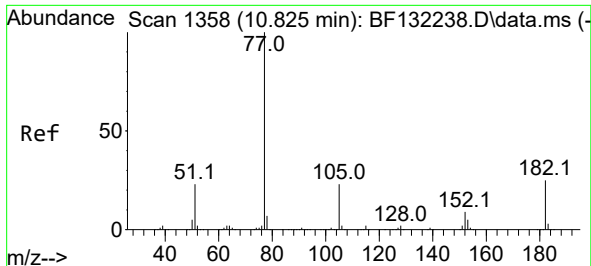
Tgt Ion:204 Resp: 471874
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 68.4 51.4 77.0



#62
4-Nitroaniline
Concen: 46.880 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:138 Resp: 263963
Ion Ratio Lower Upper
138 100
92 47.3 27.7 67.7
108 73.4 48.5 88.5

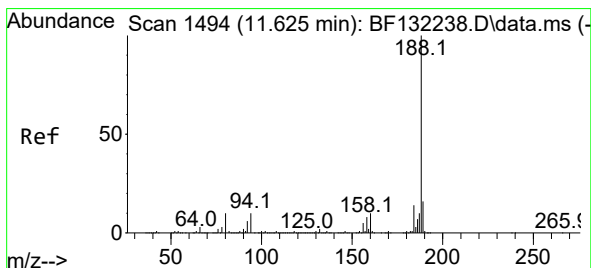
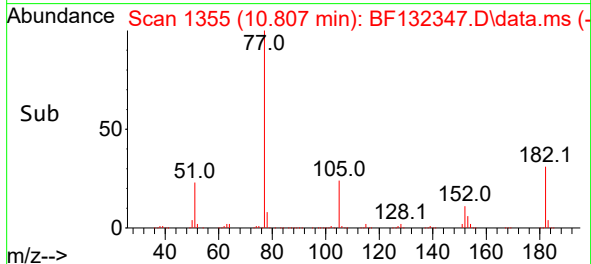
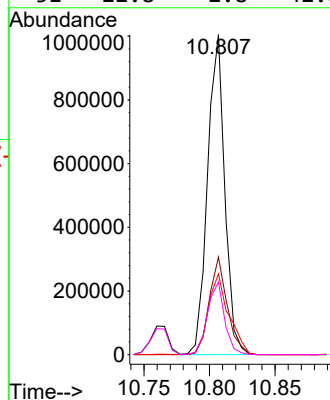
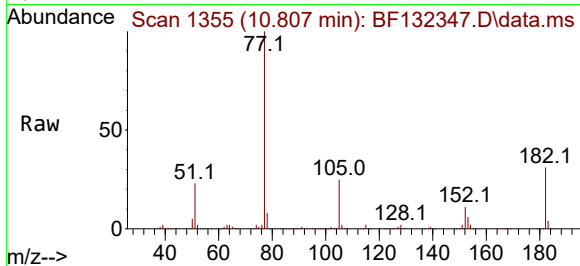




#63
 Azobenzene
 Concen: 43.775 ng
 RT: 10.807 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132347.D
 Acq: 07 Feb 2023 16:33

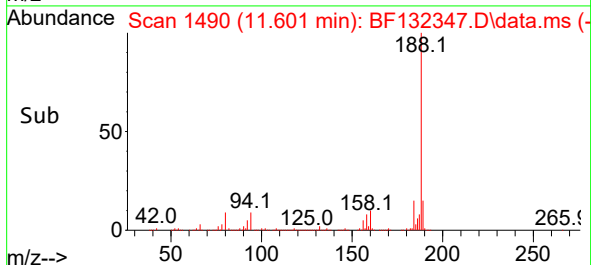
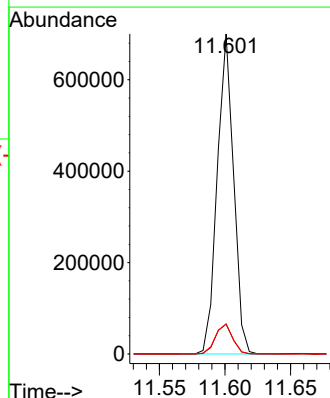
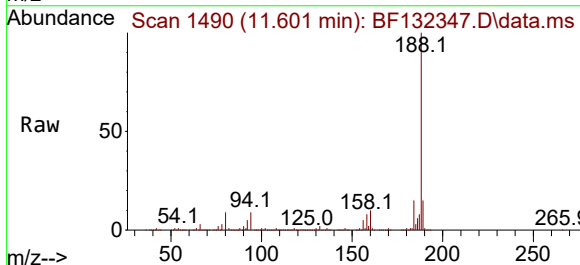
Instrument :
 BNA_F
 ClientSampleId :
 A-2MS

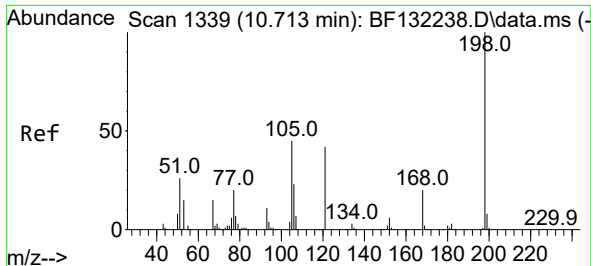
Tgt Ion: 77	Resp: 919590
Ion Ratio	Lower Upper
77 100	
182 30.5	4.5 44.5
105 25.3	2.7 42.7
51 22.8	2.8 42.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.601 min Scan# 1490
 Delta R.T. -0.000 min
 Lab File: BF132347.D
 Acq: 07 Feb 2023 16:33

Tgt Ion:188	Resp: 606374
Ion Ratio	Lower Upper
188 100	
94 9.3	8.2 12.2
80 9.4	8.3 12.5

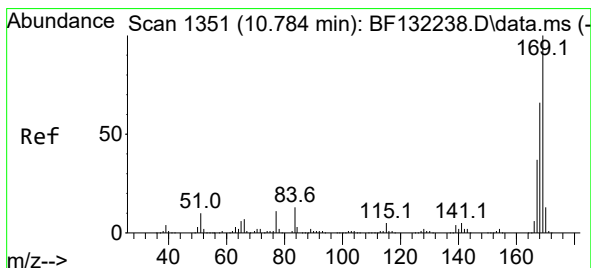
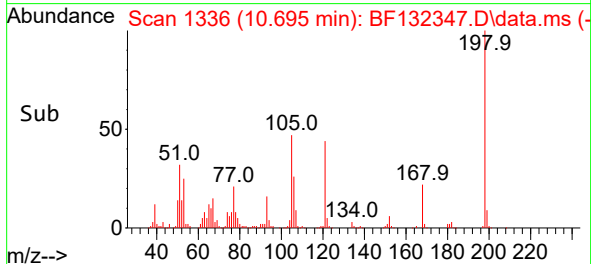
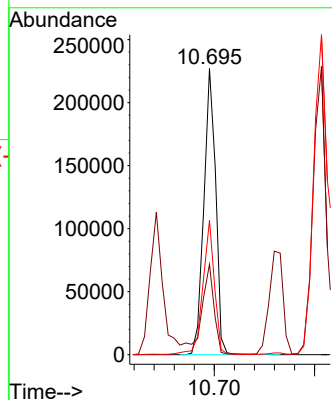
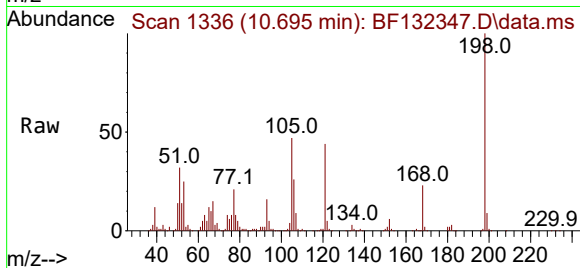




#65
4,6-Dinitro-2-methylphenol
Concen: 54.304 ng
RT: 10.695 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

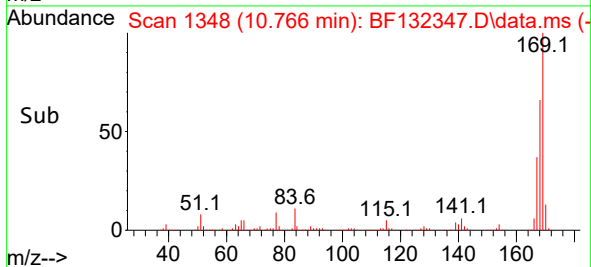
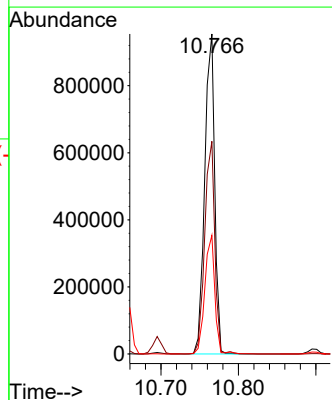
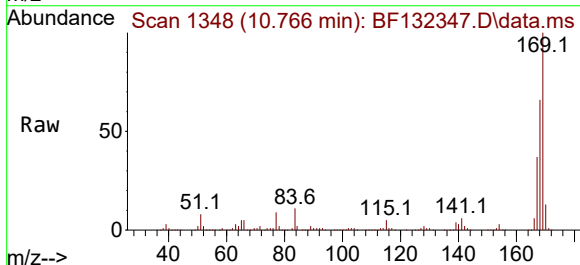
Instrument :
BNA_F
ClientSampleId :
A-2MS

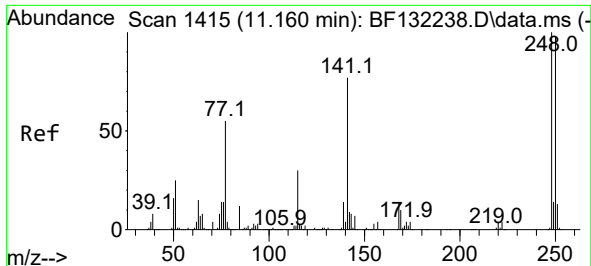
Tgt Ion:198 Resp: 186887
Ion Ratio Lower Upper
198 100
51 31.6 13.1 53.1
105 47.0 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 44.843 ng
RT: 10.766 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:169 Resp: 851456
Ion Ratio Lower Upper
169 100
168 66.5 52.6 79.0
167 37.1 29.5 44.3

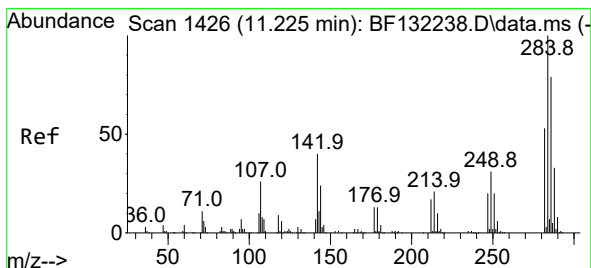
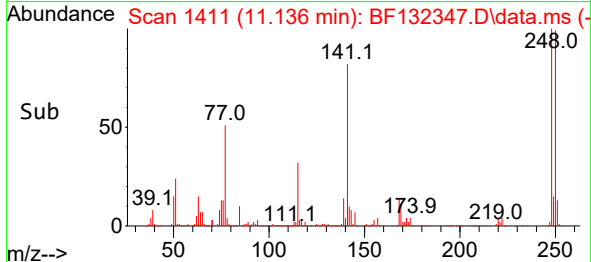
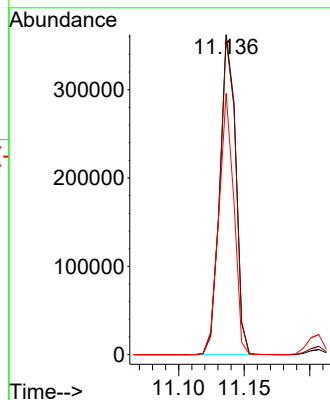
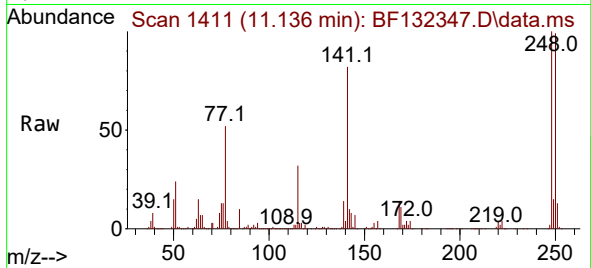




#67
4-Bromophenyl-phenylether
Concen: 49.180 ng
RT: 11.136 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

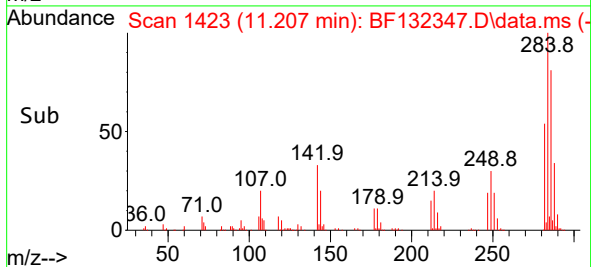
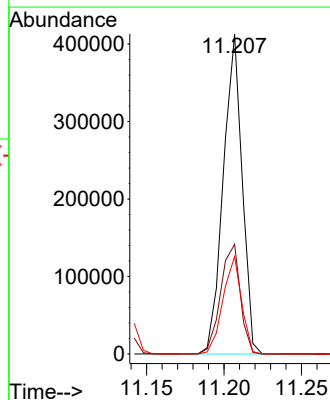
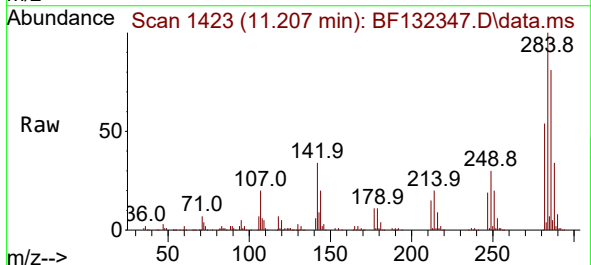
Instrument :
BNA_F
ClientSampleId :
A-2MS

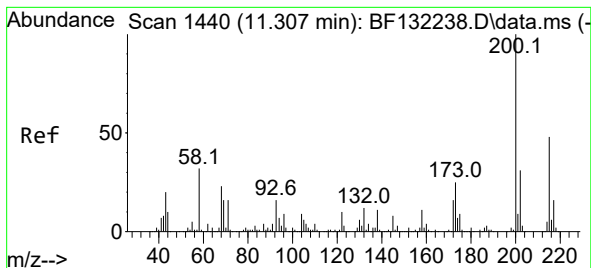
Tgt Ion:248 Resp: 305368
Ion Ratio Lower Upper
248 100
250 98.6 78.6 117.8
141 81.7 61.6 92.4



#68
Hexachlorobenzene
Concen: 52.587 ng
RT: 11.207 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:284 Resp: 348999
Ion Ratio Lower Upper
284 100
142 34.2 32.2 48.4
249 30.4 25.0 37.6





#69

Atrazine

Concen: 54.755 ng

RT: 11.289 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

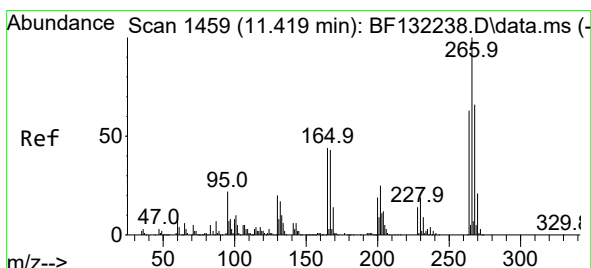
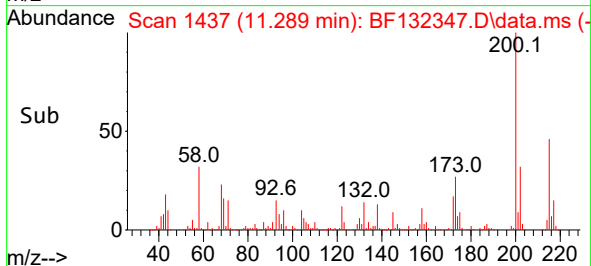
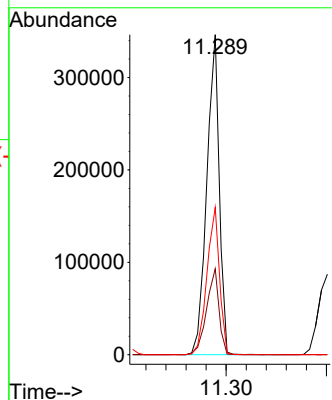
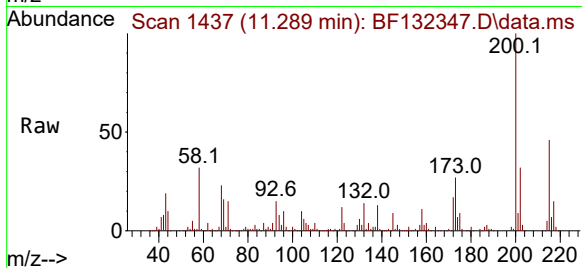
Tgt Ion:200 Resp: 299046

Ion Ratio Lower Upper

200 100

173 26.8 5.1 45.1

215 46.0 27.6 67.6



#70

Pentachlorophenol

Concen: 87.936 ng

RT: 11.401 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

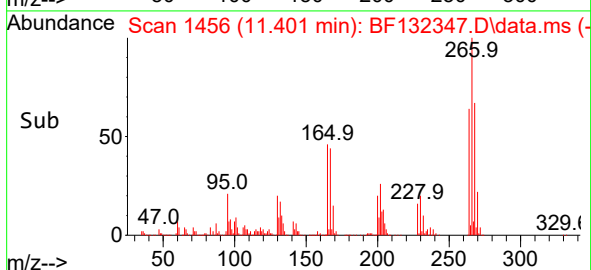
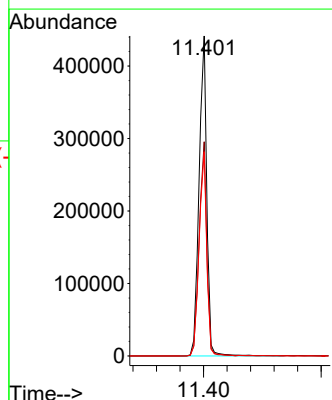
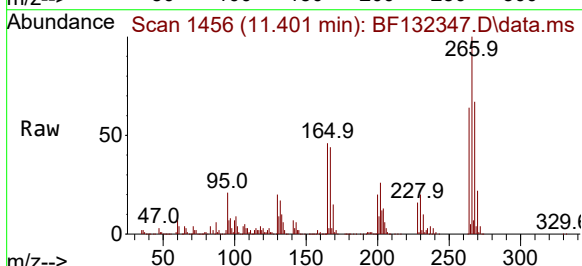
Tgt Ion:266 Resp: 400986

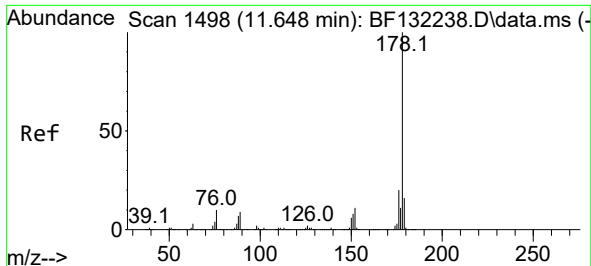
Ion Ratio Lower Upper

266 100

268 67.0 53.0 79.4

264 63.8 50.5 75.7

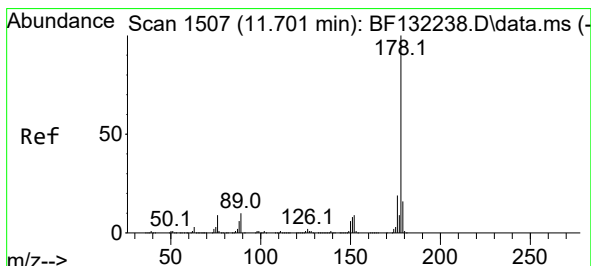
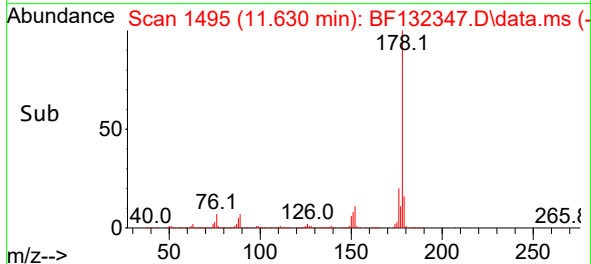
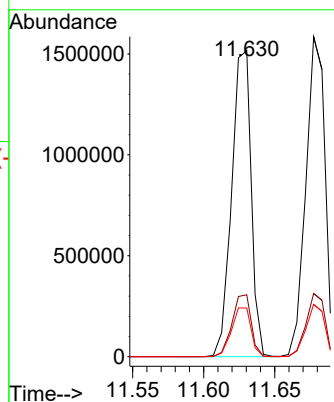
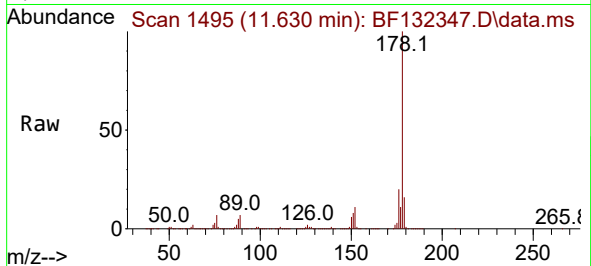




#71
Phenanthrene
Concen: 45.830 ng
RT: 11.630 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

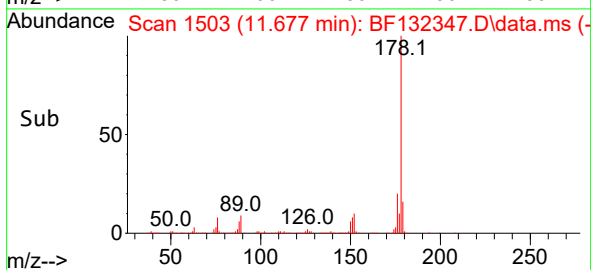
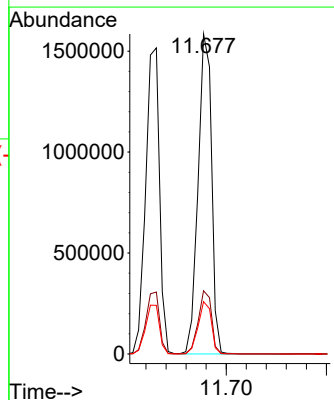
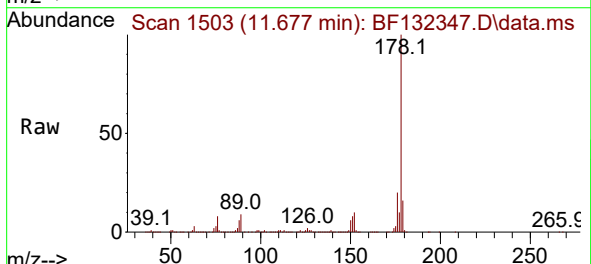
Instrument :
BNA_F
ClientSampleId :
A-2MS

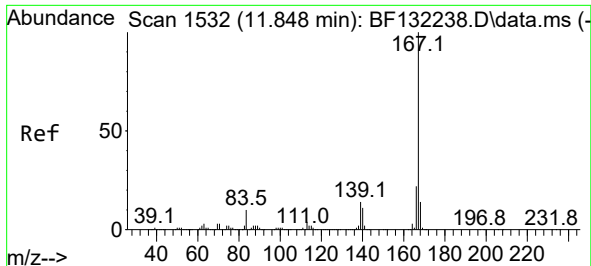
Tgt Ion:178 Resp: 1452184
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.9 12.8 19.2



#72
Anthracene
Concen: 46.011 ng
RT: 11.677 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:178 Resp: 1483713
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.3 12.8 19.2

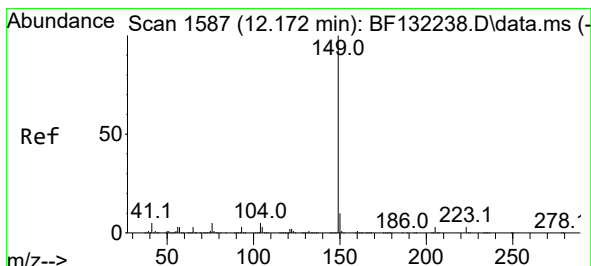
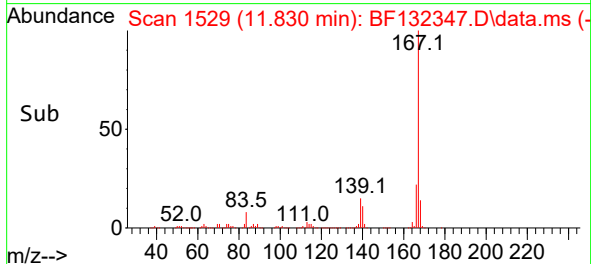
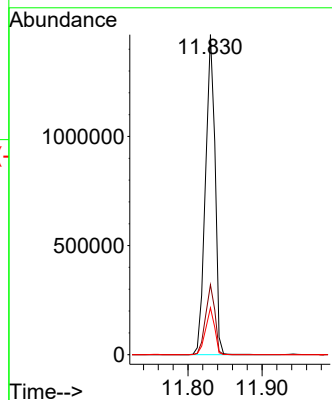
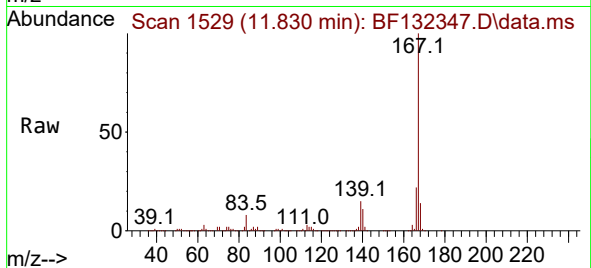




#73
 Carbazole
 Concen: 45.669 ng
 RT: 11.830 min Scan# 1529
 Delta R.T. -0.000 min
 Lab File: BF132347.D
 Acq: 07 Feb 2023 16:33

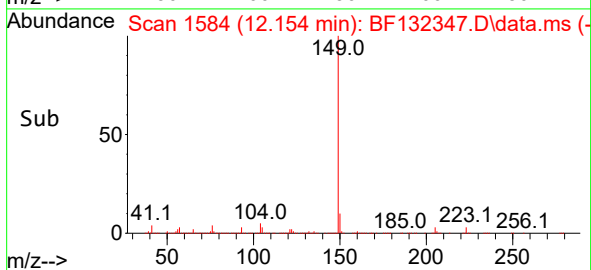
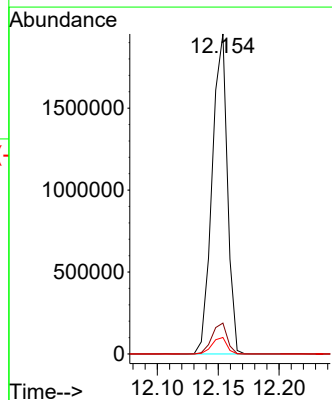
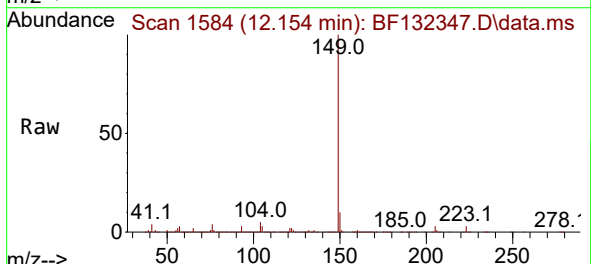
Instrument :
 BNA_F
 ClientSampleId :
 A-2MS

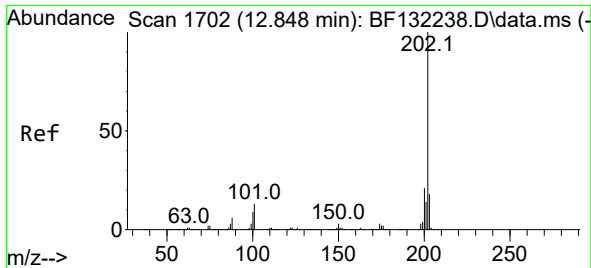
Tgt Ion:167 Resp: 1320475
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.7 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 49.866 ng
 RT: 12.154 min Scan# 1584
 Delta R.T. -0.000 min
 Lab File: BF132347.D
 Acq: 07 Feb 2023 16:33

Tgt Ion:149 Resp: 1704596
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.2 4.3 6.5

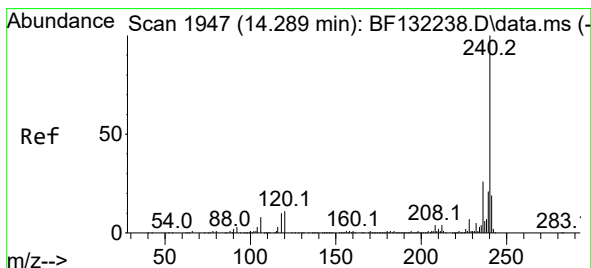
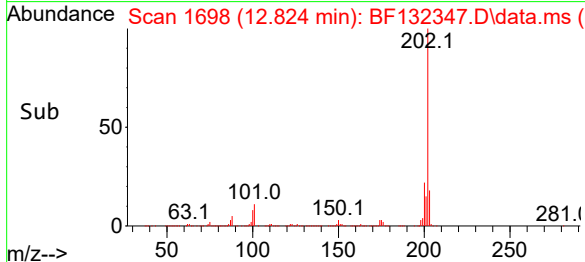
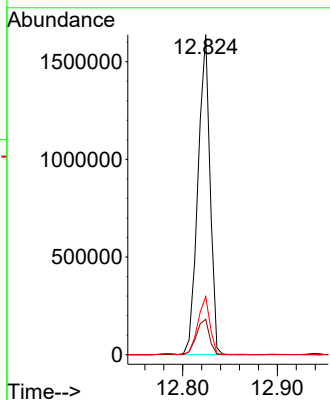
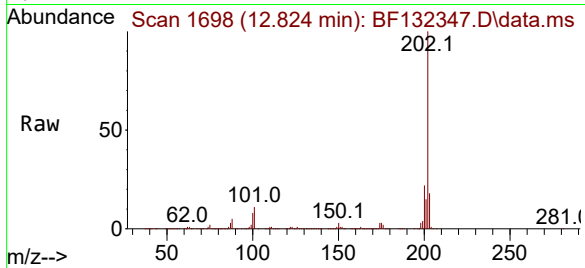




#75
Fluoranthene
Concen: 45.015 ng
RT: 12.824 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

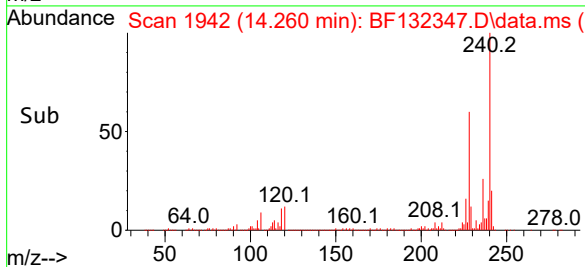
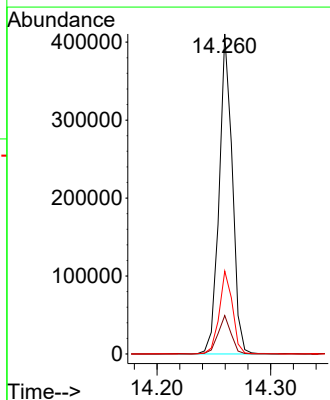
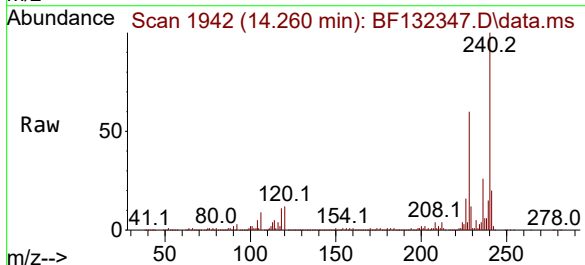
Instrument :
BNA_F
ClientSampleId :
A-2MS

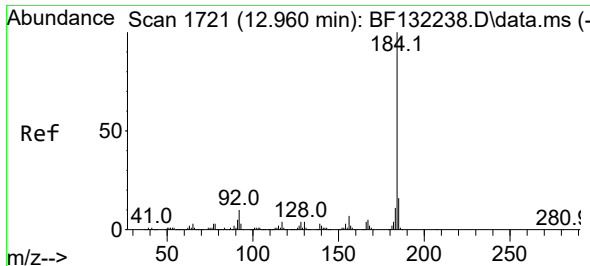
Tgt Ion:202 Resp: 1455580
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.7
203 18.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:240 Resp: 331198
Ion Ratio Lower Upper
240 100
120 12.0 8.8 13.2
236 25.9 21.0 31.6

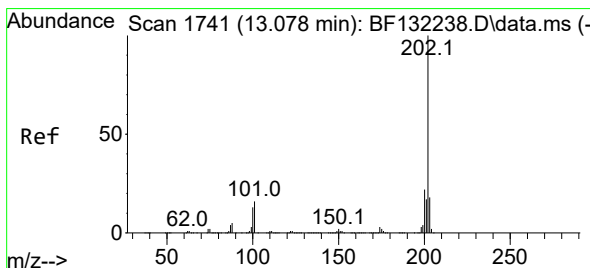
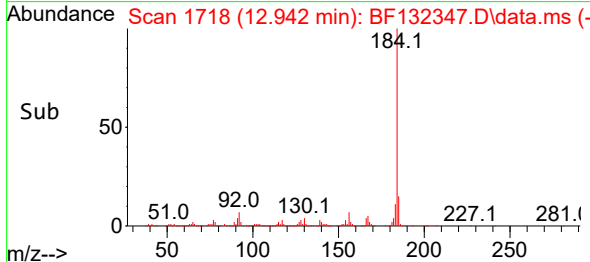
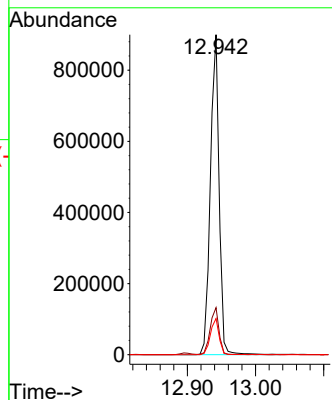
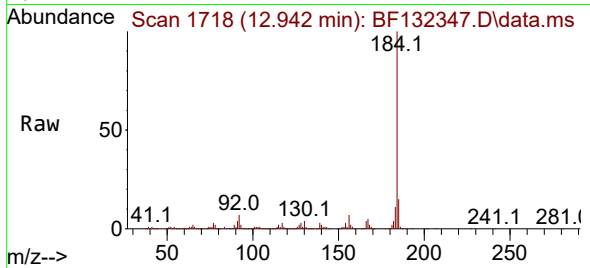




#77
Benzidine
Concen: 69.322 ng
RT: 12.942 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

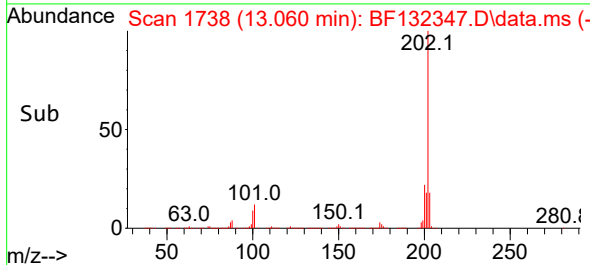
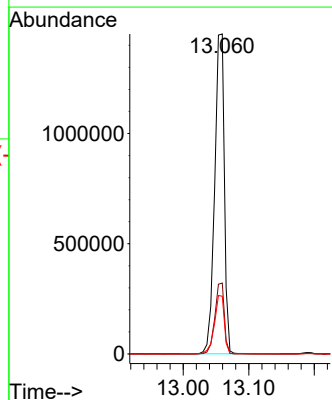
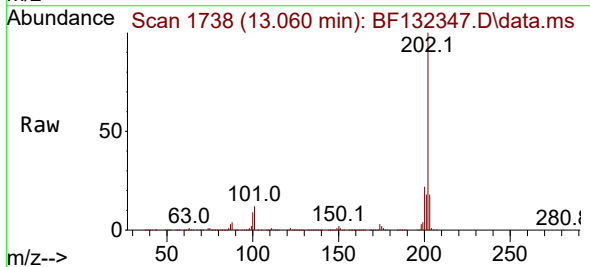
Instrument :
BNA_F
ClientSampleId :
A-2MS

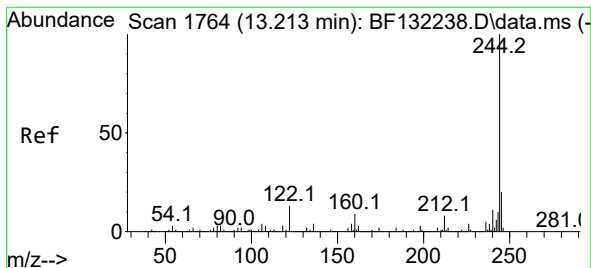
Tgt Ion:184 Resp: 802686
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.3 8.9 13.3



#78
Pyrene
Concen: 56.129 ng
RT: 13.060 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:202 Resp: 1495195
Ion Ratio Lower Upper
202 100
200 22.1 17.3 25.9
203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 100.695 ng

RT: 13.189 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

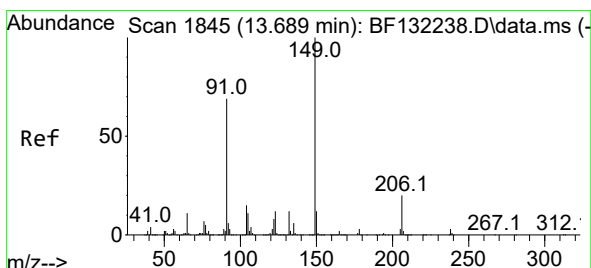
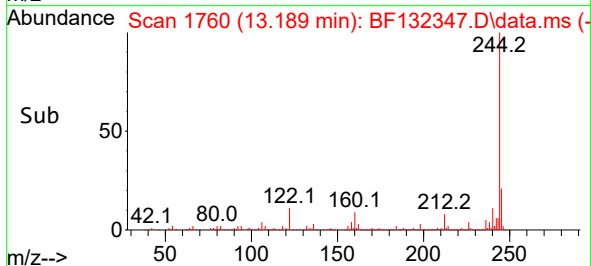
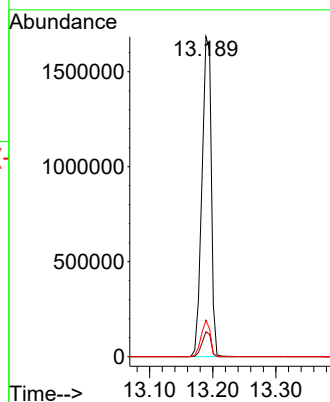
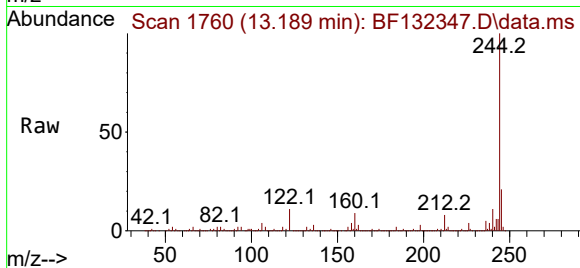
Tgt Ion:244 Resp: 1724033

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 11.4 10.5 15.7



#80

Butylbenzylphthalate

Concen: 59.316 ng

RT: 13.665 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

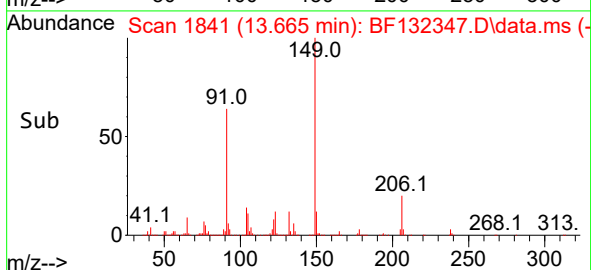
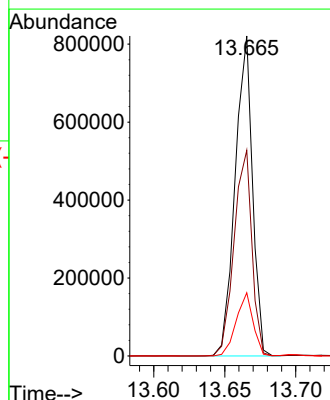
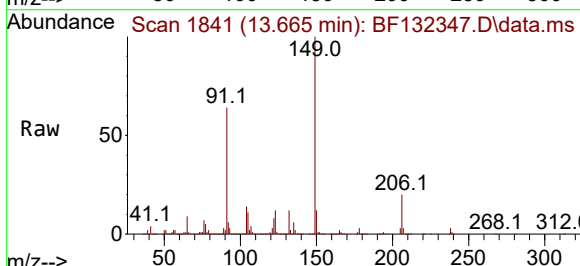
Tgt Ion:149 Resp: 698100

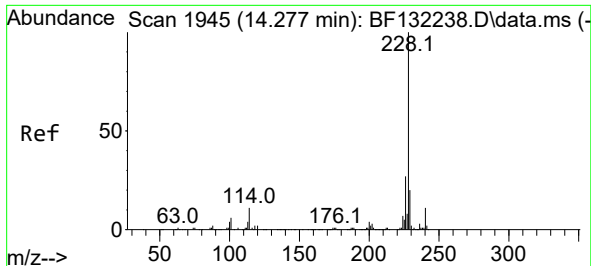
Ion Ratio Lower Upper

149 100

91 64.2 55.0 82.6

206 19.8 15.9 23.9

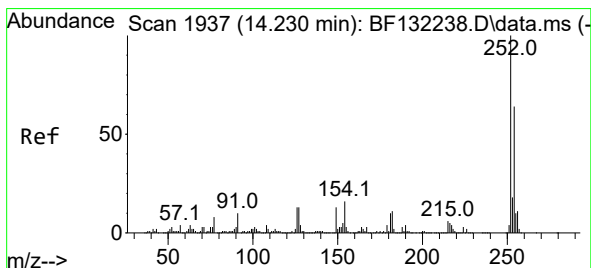
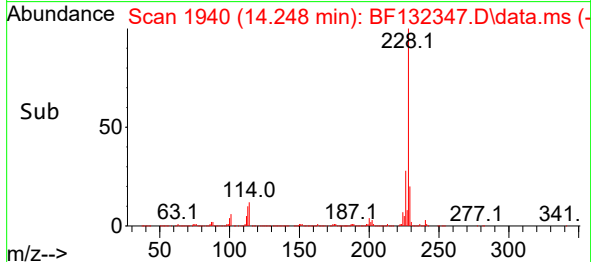
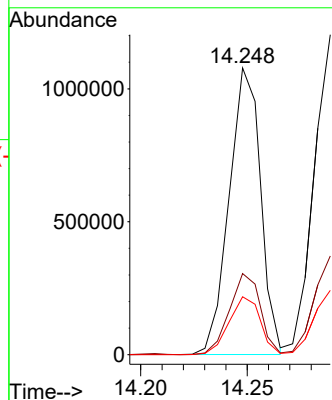
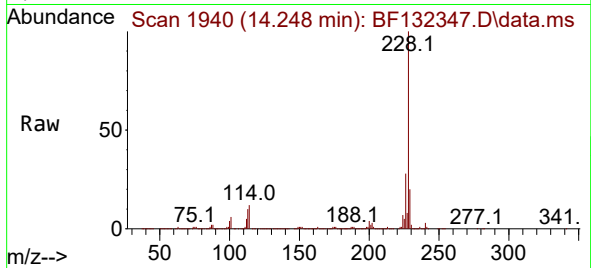




#81
Benzo(a)anthracene
Concen: 47.809 ng
RT: 14.248 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

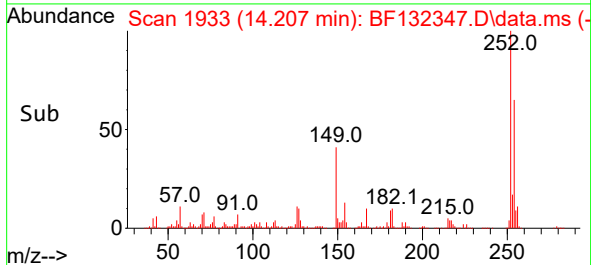
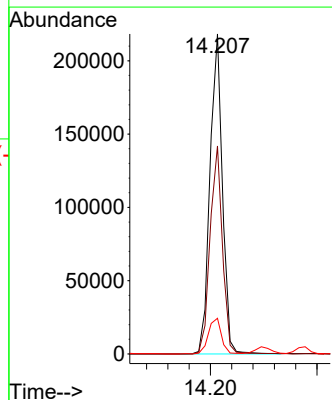
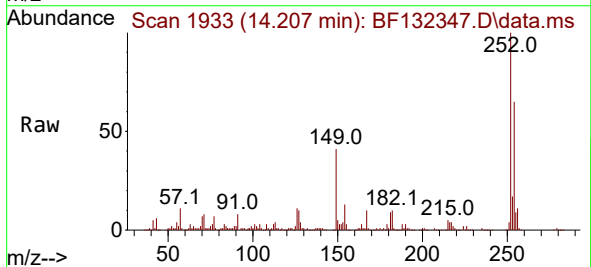
Instrument :
BNA_F
ClientSampleId :
A-2MS

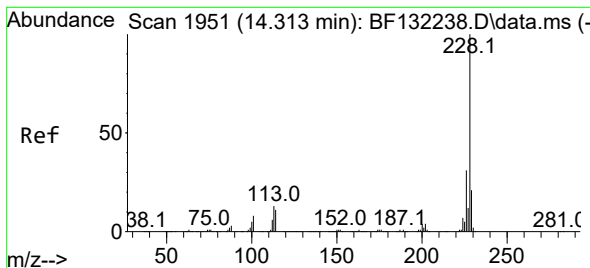
Tgt Ion:228 Resp: 1107472
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 24.014 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:252 Resp: 177177
Ion Ratio Lower Upper
252 100
254 65.0 51.6 77.4
126 11.1 10.5 15.7





#83

Chrysene

Concen: 47.071 ng

RT: 14.289 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

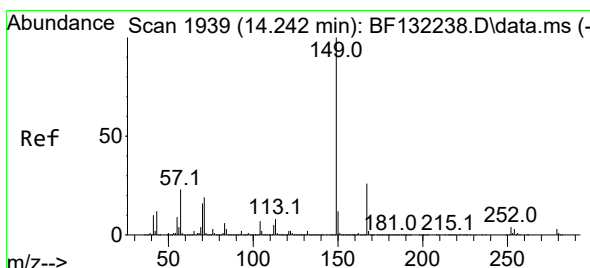
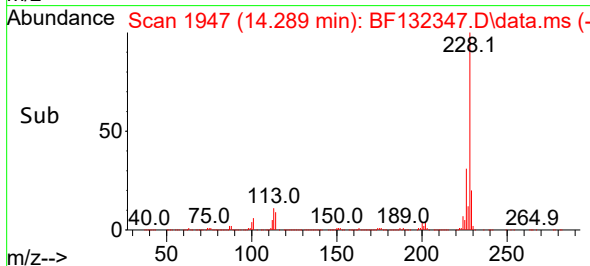
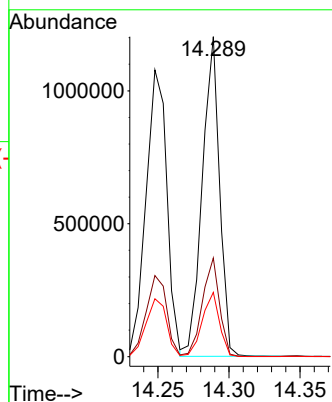
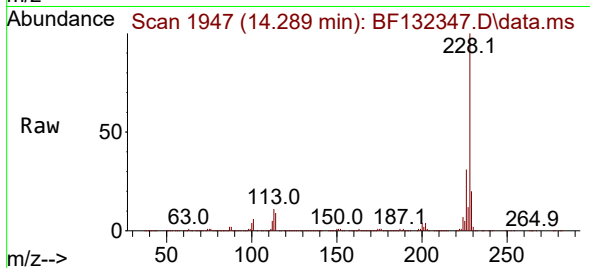
Tgt Ion:228 Resp: 1021008

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.081 ng

RT: 14.218 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

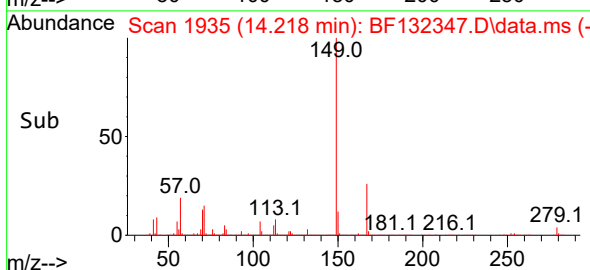
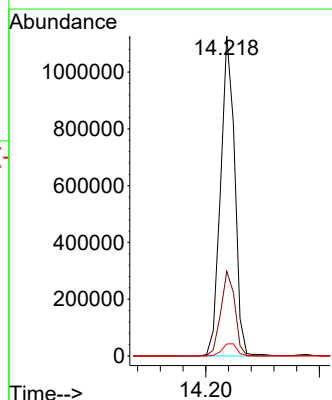
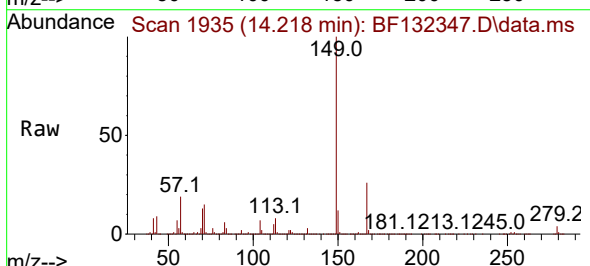
Tgt Ion:149 Resp: 971684

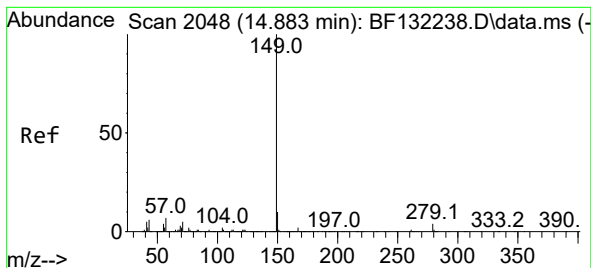
Ion Ratio Lower Upper

149 100

167 26.5 20.7 31.1

279 3.8 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 53.402 ng

RT: 14.854 min Scan# 2043

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

Instrument :

BNA_F

ClientSampleId :

A-2MS

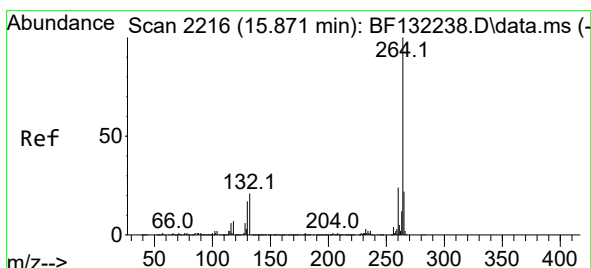
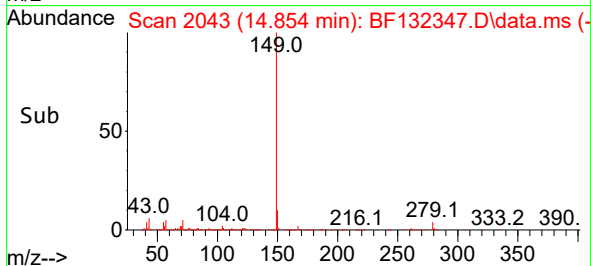
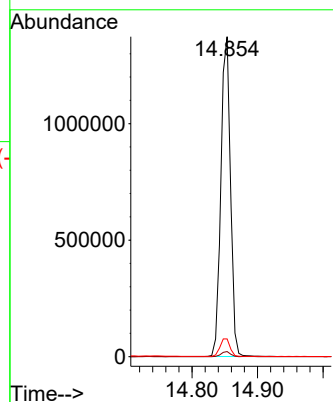
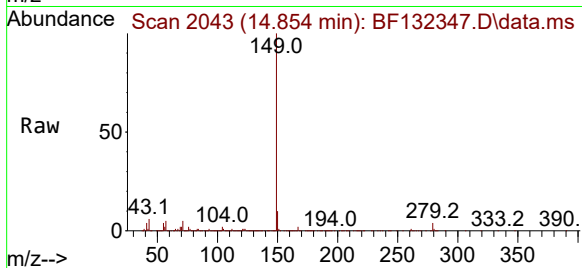
Tgt Ion:149 Resp: 1385637

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.9 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.836 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF132347.D

Acq: 07 Feb 2023 16:33

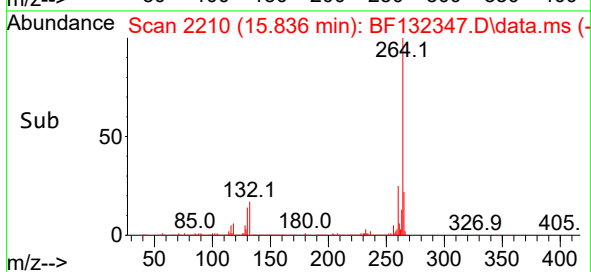
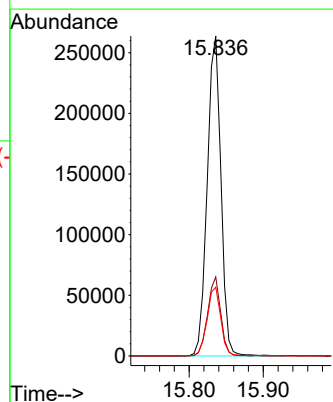
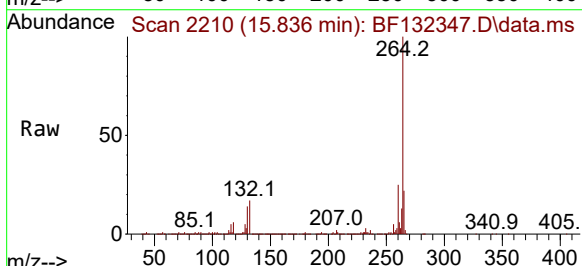
Tgt Ion:264 Resp: 339164

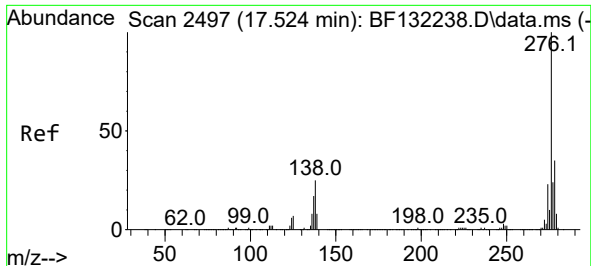
Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 21.5 17.4 26.2

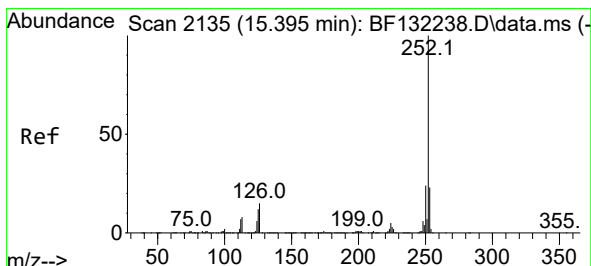
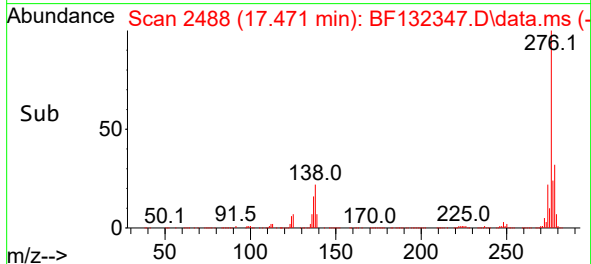
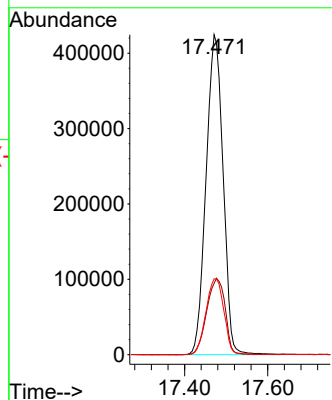
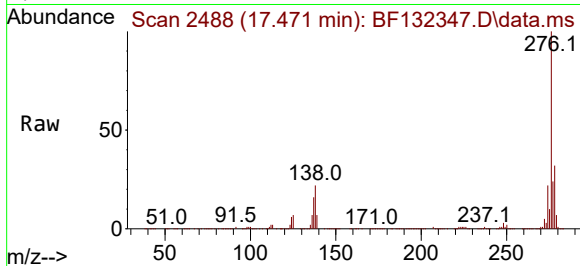




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.554 ng
RT: 17.471 min Scan# 2497
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

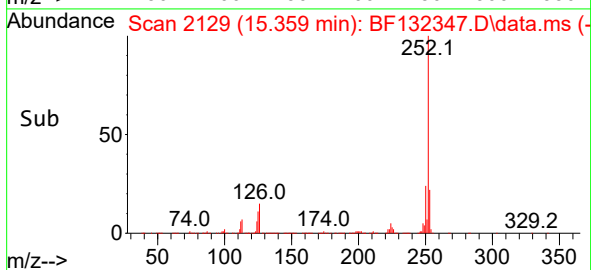
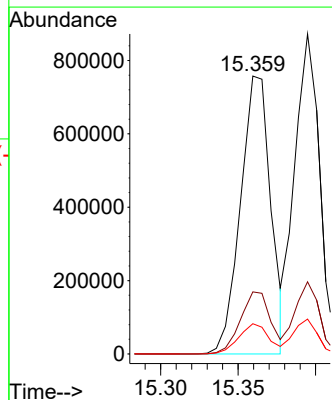
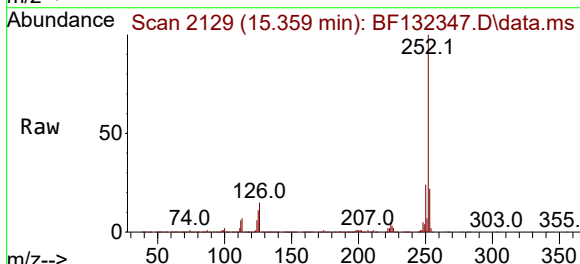
Instrument :
BNA_F
ClientSampleId :
A-2MS

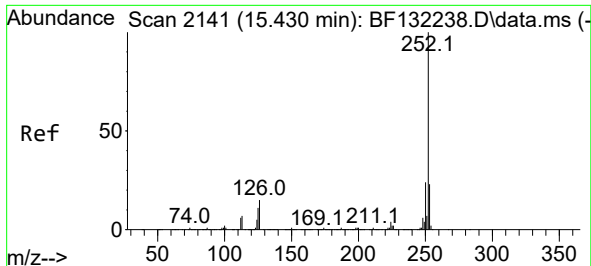
Tgt Ion:276 Resp: 1206910
Ion Ratio Lower Upper
276 100
138 25.8 23.3 34.9
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 47.836 ng
RT: 15.359 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:252 Resp: 1031282
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.9 9.6 14.4

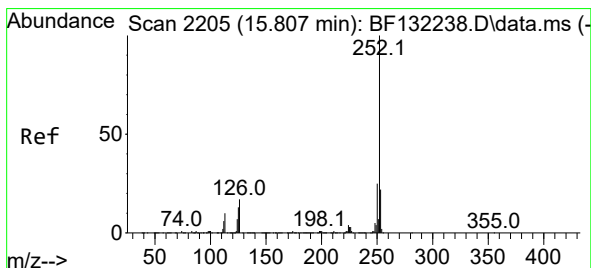
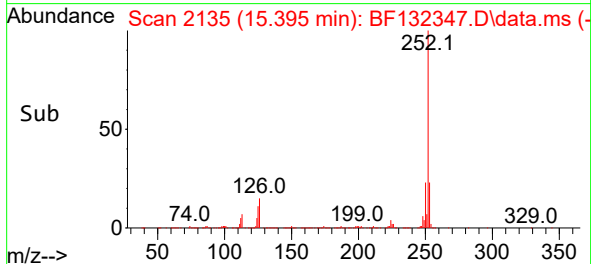
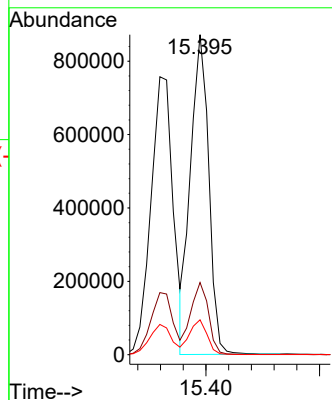
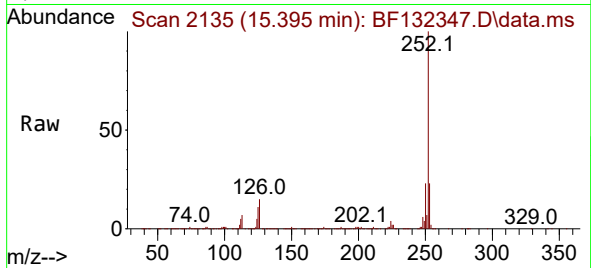




#89
Benzo(k)fluoranthene
Concen: 47.238 ng
RT: 15.395 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

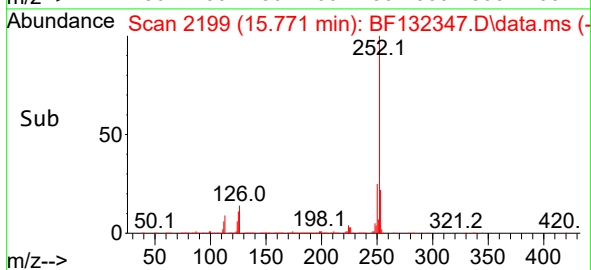
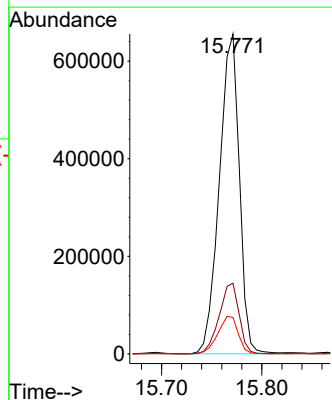
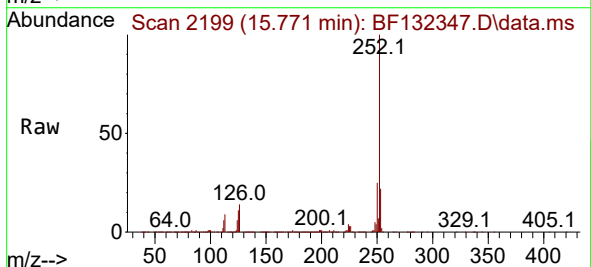
Instrument :
BNA_F
ClientSampleId :
A-2MS

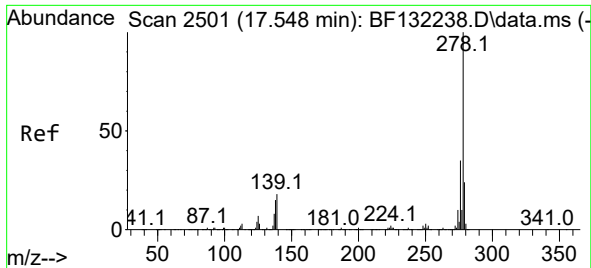
Tgt Ion:252 Resp: 972089
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.9 9.0 13.6



#90
Benzo(a)pyrene
Concen: 45.088 ng
RT: 15.771 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:252 Resp: 905166
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.4 10.2 15.4

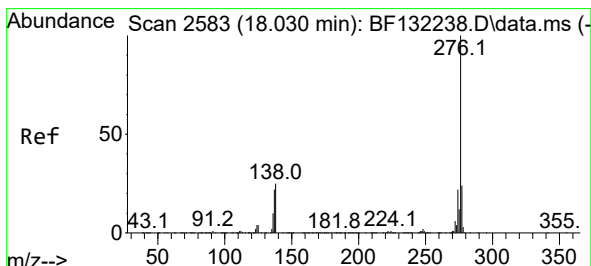
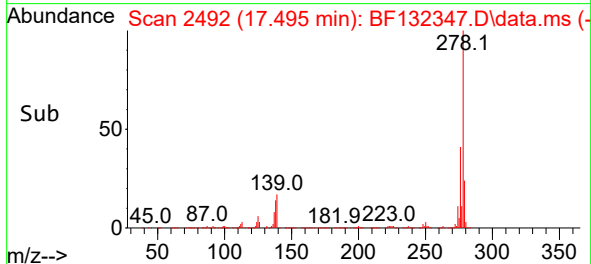
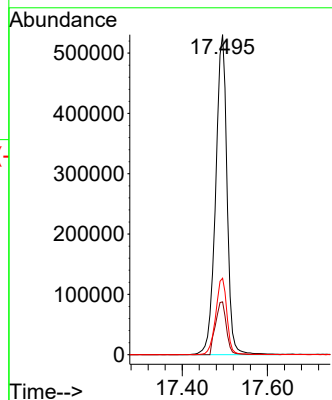
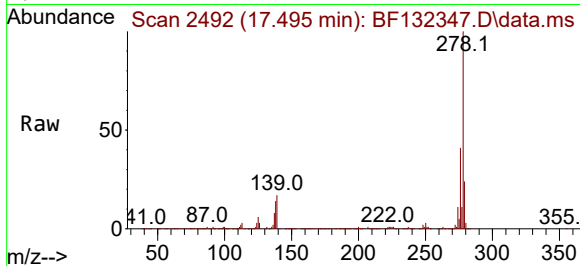




#91
Dibenzo(a,h)anthracene
Concen: 54.250 ng
RT: 17.495 min Scan# 2492
Delta R.T. -0.006 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Instrument :
BNA_F
ClientSampleId :
A-2MS

Tgt Ion:278 Resp: 982940
Ion Ratio Lower Upper
278 100
139 16.5 14.2 21.2
279 23.9 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 50.998 ng
RT: 17.977 min Scan# 2574
Delta R.T. -0.000 min
Lab File: BF132347.D
Acq: 07 Feb 2023 16:33

Tgt Ion:276 Resp: 954606
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.2
138 22.1 20.3 30.5

