

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132326.D
 Acq On : 03 Feb 2023 17:31
 Operator : CG\JU
 Sample : 01371-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-RAMP-EMS

Quant Time: Feb 04 01:39:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	216700	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	833003	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	423966	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	768820	20.000	ng	0.00
76) Chrysene-d12	14.271	240	379659	20.000	ng	0.00
86) Perylene-d12	15.848	264	372229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1163536	86.307	ng	0.01
7) Phenol-d6	6.678	99	1458565	87.756	ng	0.00
23) Nitrobenzene-d5	7.625	82	882789	58.973	ng	0.00
42) 2,4,6-Tribromophenol	10.907	330	447266	102.586	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1583630	57.682	ng	0.00
79) Terphenyl-d14	13.201	244	1565198	79.749	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.078	88	241493	38.070	ng	96
3) Pyridine	3.813	79	597398	34.714	ng	97
4) n-Nitrosodimethylamine	3.778	42	205572	37.332	ng	91
6) Aniline	6.719	93	475066	21.063	ng	96
8) 2-Chlorophenol	6.843	128	652176	46.708	ng	96
9) Benzaldehyde	6.613	77	379994	41.347	ng	95
10) Phenol	6.695	94	734189	42.678	ng	96
11) bis(2-Chloroethyl)ether	6.790	93	601601	42.492	ng	96
12) 1,3-Dichlorobenzene	7.001	146	668956	45.298	ng	98
13) 1,4-Dichlorobenzene	7.078	146	673195	45.668	ng	100
14) 1,2-Dichlorobenzene	7.231	146	646978	47.062	ng	98
15) Benzyl Alcohol	7.195	79	508734	41.948	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.331	45	568518	38.113	ng	93
17) 2-Methylphenol	7.301	107	507511	41.523	ng	99
18) Hexachloroethane	7.572	117	259726	46.967	ng	96
19) n-Nitroso-di-n-propyla...	7.472	70	353764	37.472	ng	97
20) 3+4-Methylphenols	7.454	107	632616	40.552	ng	93
22) Acetophenone	7.466	105	795842	40.625	ng	99
24) Nitrobenzene	7.642	77	602527	39.399	ng	97
25) Isophorone	7.884	82	1173076	41.288	ng	96
26) 2-Nitrophenol	7.960	139	360554	48.403	ng	93
27) 2,4-Dimethylphenol	7.990	122	589034	45.177	ng	99
28) bis(2-Chloroethoxy)met...	8.089	93	731442	41.893	ng	99
29) 2,4-Dichlorophenol	8.201	162	529038	45.702	ng	98
30) 1,2,4-Trichlorobenzene	8.284	180	569661	45.955	ng	99
31) Naphthalene	8.372	128	1701423	41.495	ng	99
32) Benzoic acid	8.107	122	321006	33.261	ng	94
33) 4-Chloroaniline	8.407	127	73973	4.068	ng	99
34) Hexachlorobutadiene	8.484	225	329344	47.260	ng	99
35) Caprolactam	8.801	113	134124	33.987	ng	89
36) 4-Chloro-3-methylphenol	8.889	107	566783	45.448	ng	97
37) 2-Methylnaphthalene	9.066	142	1151487	41.460	ng	99
38) 1-Methylnaphthalene	9.166	142	1078384	41.781	ng	99
40) 1,2,4,5-Tetrachloroben...	9.231	216	532943	44.669	ng	99
41) Hexachlorocyclopentadiene	9.213	237	687600	98.781	ng	99
43) 2,4,6-Trichlorophenol	9.336	196	393581	46.149	ng	100

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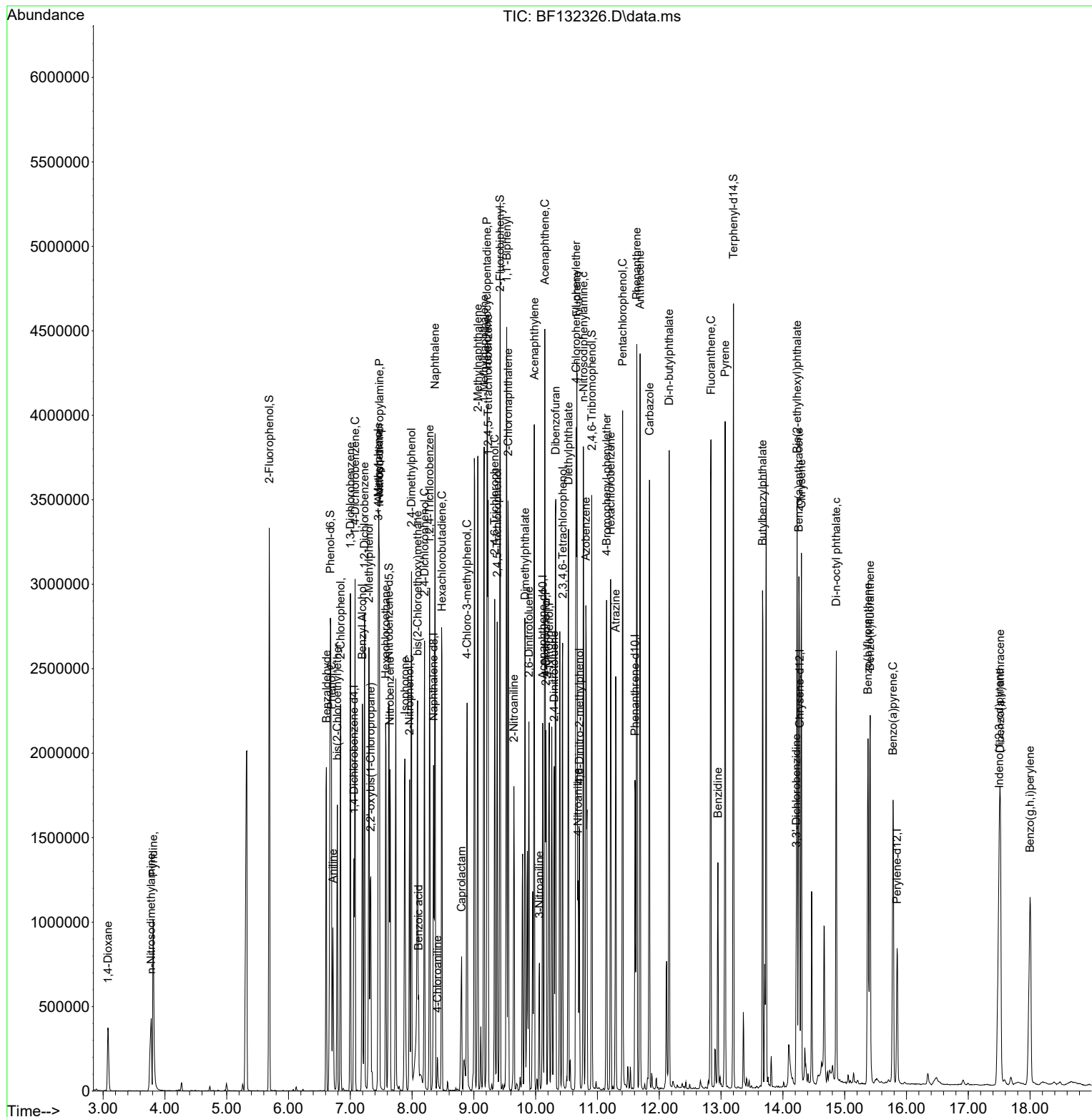
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	415022	42.279	ng	100
46) 1,1'-Biphenyl	9.531	154	1389055	42.498	ng	97
47) 2-Chloronaphthalene	9.554	162	1085514	43.604	ng	98
48) 2-Nitroaniline	9.648	65	279763	37.786	ng	86
49) Acenaphthylene	9.978	152	1706853	42.010	ng	99
50) Dimethylphthalate	9.831	163	1301441	43.884	ng	99
51) 2,6-Dinitrotoluene	9.889	165	305335	46.099	ng	91
52) Acenaphthene	10.148	154	1200383	47.191	ng	99
53) 3-Nitroaniline	10.060	138	136831	17.035	ng	93
54) 2,4-Dinitrophenol	10.166	184	348243	90.124	ng	95
55) Dibenzofuran	10.325	168	1493144	41.778	ng	99
56) 4-Nitrophenol	10.219	139	503428	83.289	ng	94
57) 2,4-Dinitrotoluene	10.301	165	398076	46.267	ng	# 85
58) Fluorene	10.666	166	1150527	41.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	333701	46.631	ng	98
60) Diethylphthalate	10.531	149	1299112	44.034	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	569867	43.656	ng	98
62) 4-Nitroaniline	10.683	138	303026	39.341	ng	96
63) Azobenzene	10.813	77	1309987	45.584	ng	96
65) 4,6-Dinitro-2-methylph...	10.707	198	221996	50.876	ng	98
66) n-Nitrosodiphenylamine	10.772	169	1017594	42.269	ng	99
67) 4-Bromophenyl-phenylether	11.148	248	368849	46.852	ng	99
68) Hexachlorobenzene	11.213	284	416528	49.501	ng	99
69) Atrazine	11.295	200	351236	50.723	ng	97
70) Pentachlorophenol	11.407	266	453766	78.485	ng	99
71) Phenanthrene	11.636	178	1699179	42.294	ng	99
72) Anthracene	11.689	178	1699312	41.562	ng	99
73) Carbazole	11.842	167	1497362	40.844	ng	99
74) Di-n-butylphthalate	12.160	149	1991789	45.956	ng	99
75) Fluoranthene	12.836	202	1677735	40.923	ng	97
77) Benzidine	12.948	184	488839	36.829	ng	98
78) Pyrene	13.066	202	1658488	54.312	ng	99
80) Butylbenzylphthalate	13.672	149	754720	55.941	ng	98
81) Benzo(a)anthracene	14.260	228	1210569	45.589	ng	99
82) 3,3'-Dichlorobenzidine	14.219	252	133278	15.759	ng	97
83) Chrysene	14.301	228	1101591	44.304	ng	99
84) Bis(2-ethylhexyl)phtha...	14.230	149	1066243	58.470	ng	100
85) Di-n-octyl phthalate	14.866	149	1453862	48.880	ng	97
87) Indeno(1,2,3-cd)pyrene	17.501	276	1249357	50.513	ng	97
88) Benzo(b)fluoranthene	15.377	252	1106552	46.768	ng	98
89) Benzo(k)fluoranthene	15.413	252	965276	42.740	ng	98
90) Benzo(a)pyrene	15.783	252	928705	42.151	ng	100
91) Dibenzo(a,h)anthracene	17.518	278	1022972	51.444	ng	98
92) Benzo(g,h,i)perylene	18.001	276	1018704	49.588	ng	98

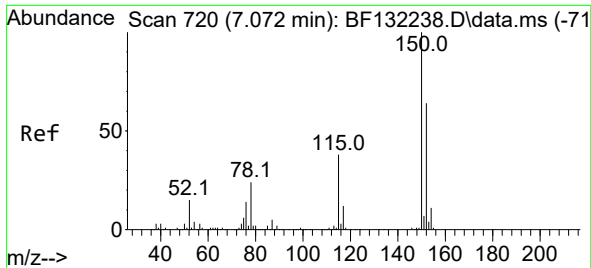
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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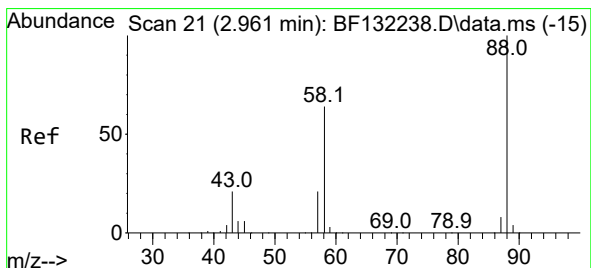
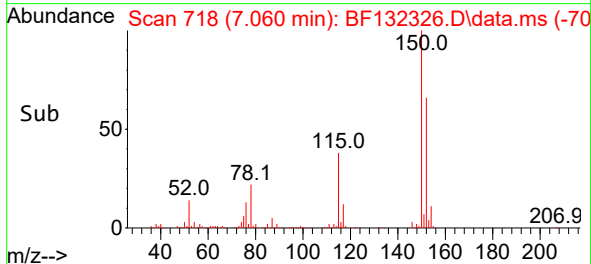
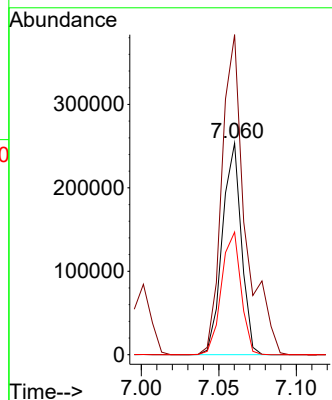
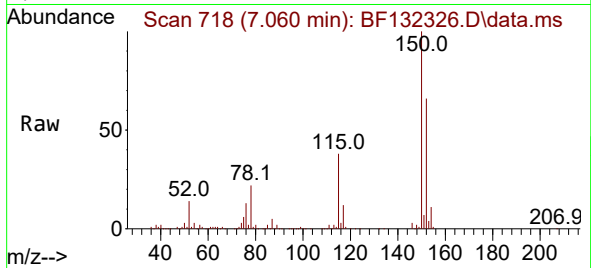




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.060 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132326.D
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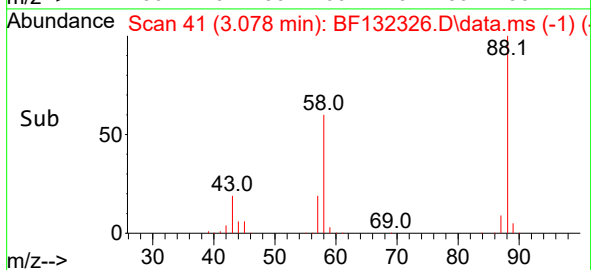
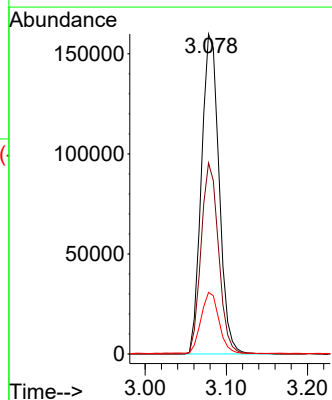
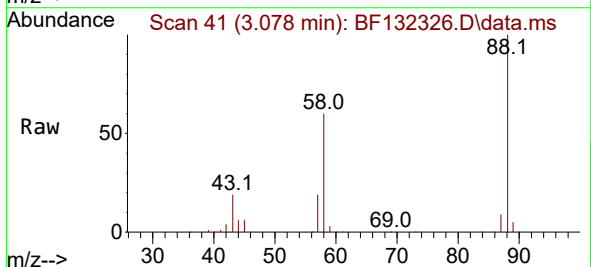
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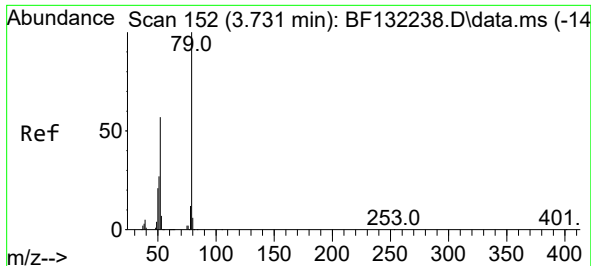
Tgt Ion:152 Resp: 216700
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.2 186.2
 115 58.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 38.070 ng
 RT: 3.078 min Scan# 41
 Delta R.T. 0.088 min
 Lab File: BF132326.D
 Acq: 03 Feb 2023 17:31

Tgt Ion: 88 Resp: 241493
 Ion Ratio Lower Upper
 88 100
 58 59.2 50.2 75.2
 43 19.6 16.9 25.3

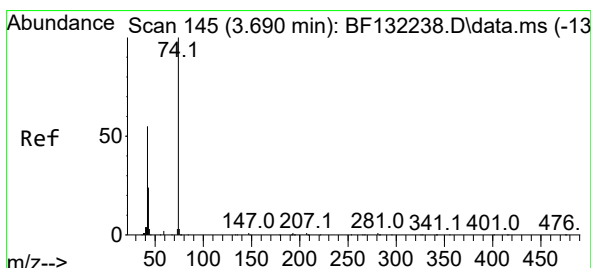
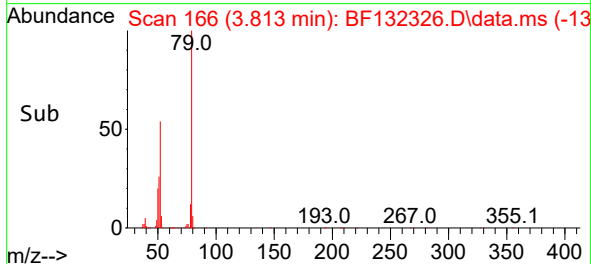
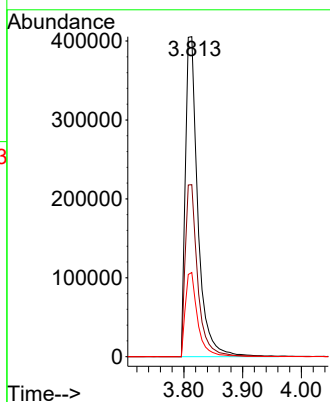
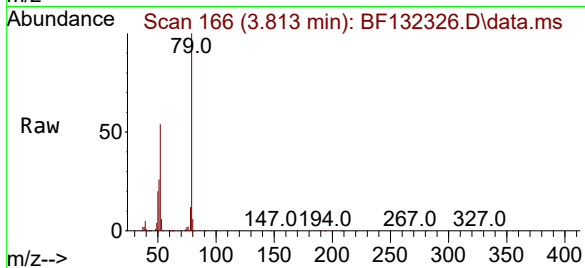




#3
Pyridine
Concen: 34.714 ng
RT: 3.813 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

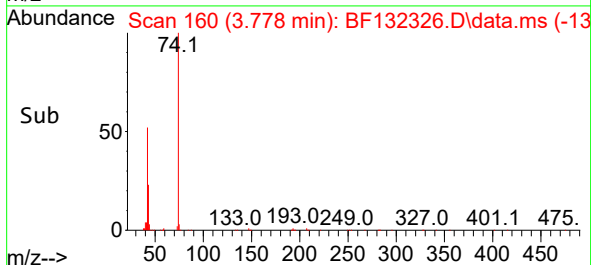
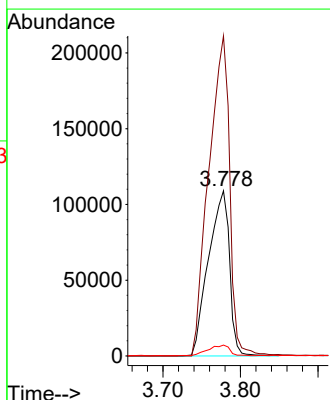
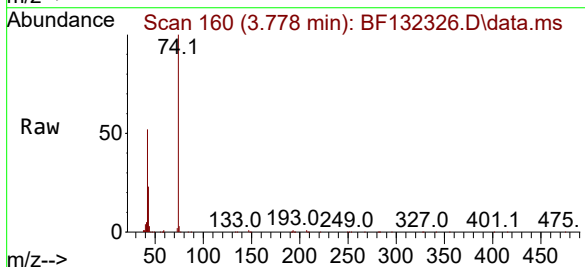
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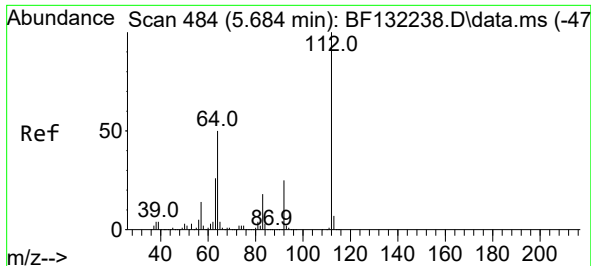
Tgt Ion: 79 Resp: 597398
Ion Ratio Lower Upper
79 100
52 53.7 45.6 68.4
51 26.3 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 37.332 ng
RT: 3.778 min Scan# 160
Delta R.T. 0.059 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 42 Resp: 205572
Ion Ratio Lower Upper
42 100
74 193.8 144.6 217.0
44 6.6 5.1 7.7

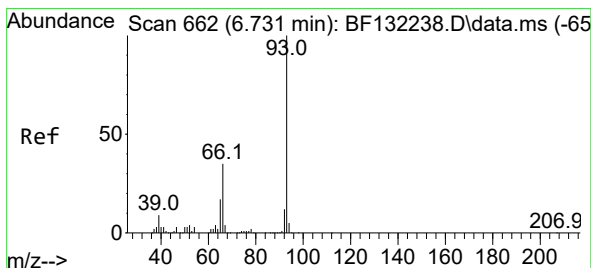
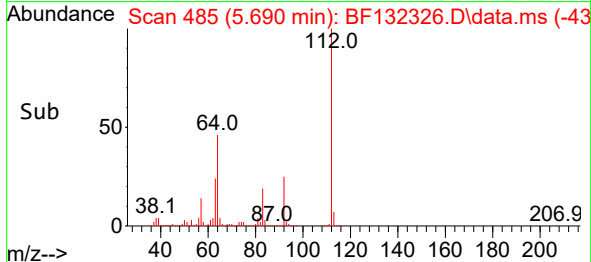
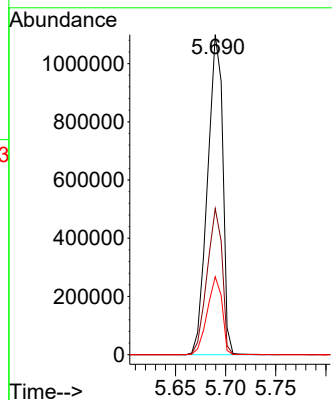
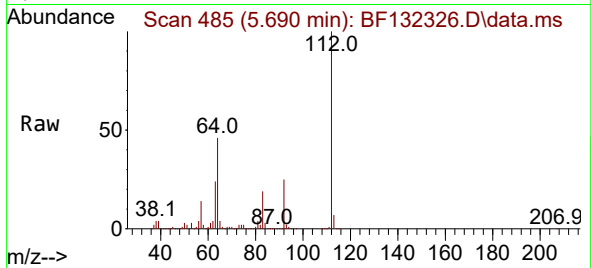




#5
2-Fluorophenol
Concen: 86.307 ng
RT: 5.690 min Scan# 484
Delta R.T. 0.012 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

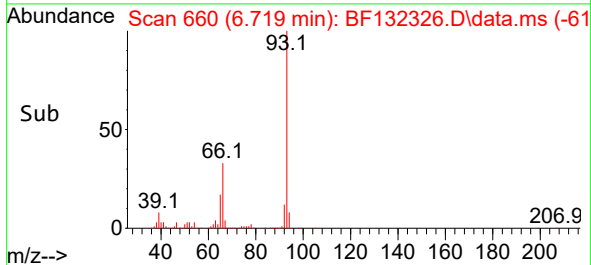
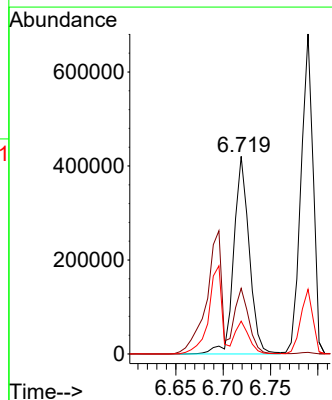
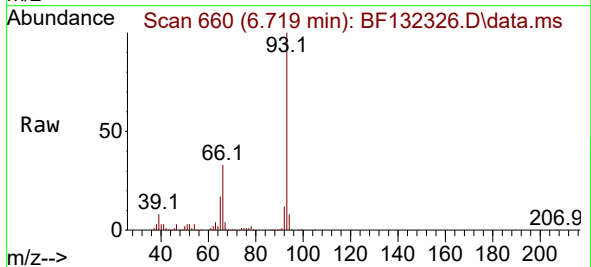
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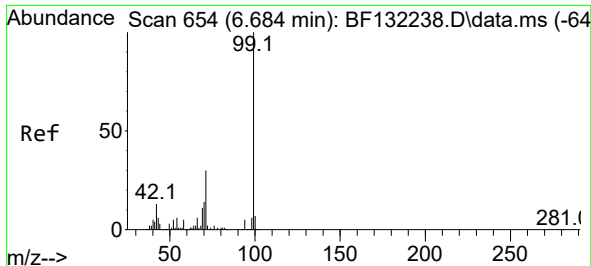
Tgt Ion:112 Resp: 1163536
Ion Ratio Lower Upper
112 100
64 45.7 40.0 60.0
63 24.4 20.5 30.7



#6
Aniline
Concen: 21.063 ng
RT: 6.719 min Scan# 660
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 93 Resp: 475066
Ion Ratio Lower Upper
93 100
66 33.2 28.8 43.2
65 16.6 14.2 21.4





#7

Phenol-d6

Concen: 87.756 ng

RT: 6.678 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

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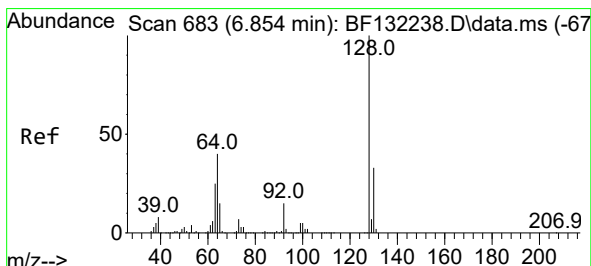
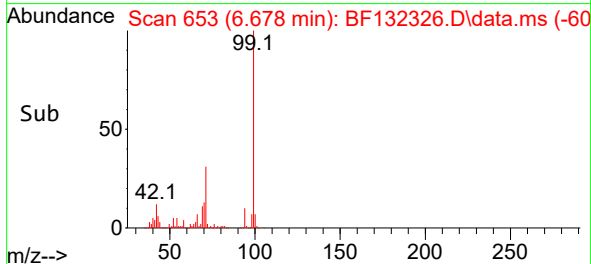
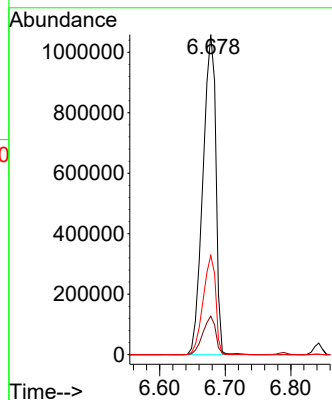
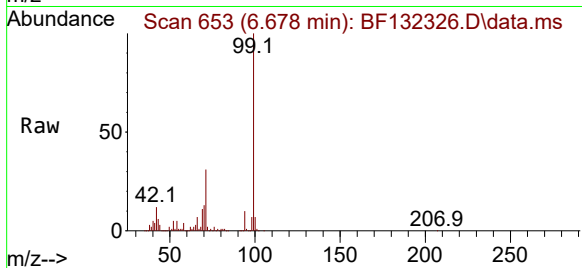
Tgt Ion: 99 Resp: 1458565

Ion Ratio Lower Upper

99 100

42 12.1 10.1 15.1

71 31.0 24.2 36.4



#8

2-Chlorophenol

Concen: 46.708 ng

RT: 6.843 min Scan# 681

Delta R.T. -0.006 min

Lab File: BF132326.D

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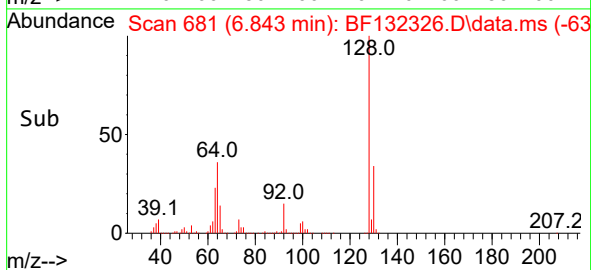
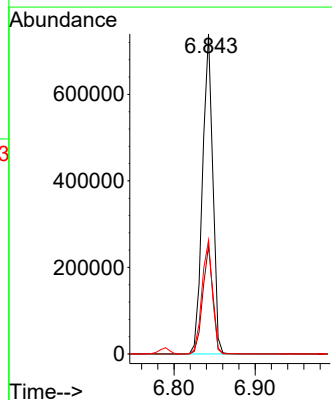
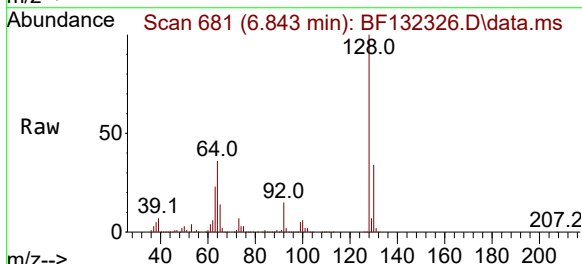
Tgt Ion: 128 Resp: 652176

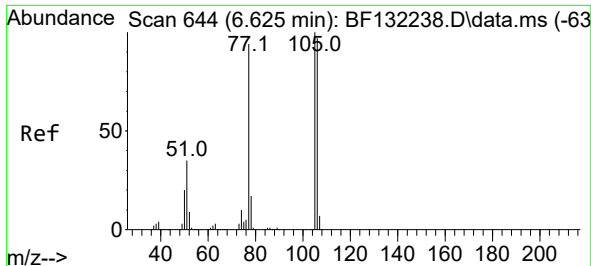
Ion Ratio Lower Upper

128 100

130 33.8 13.3 53.3

64 35.6 20.1 60.1

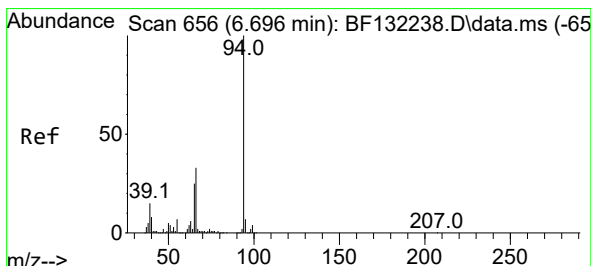
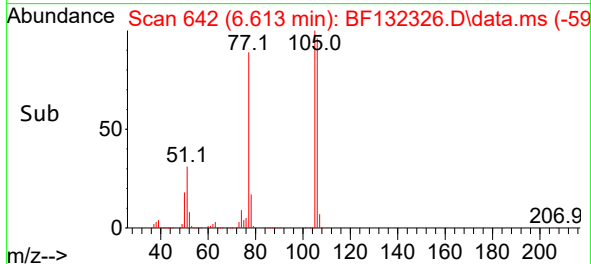
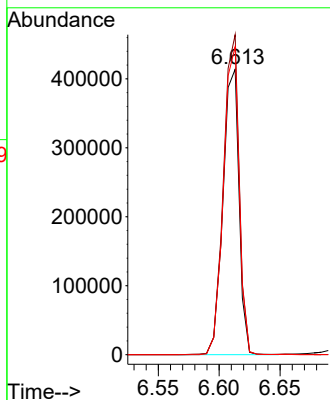
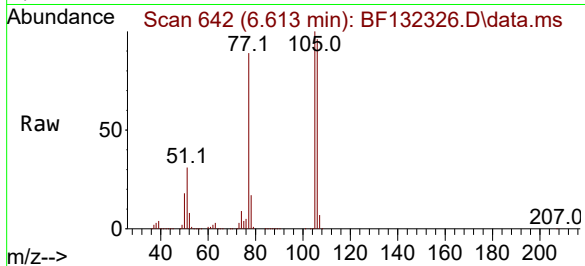




#9
Benzaldehyde
Concen: 41.347 ng
RT: 6.613 min Scan# 644
Delta R.T. 0.000 min
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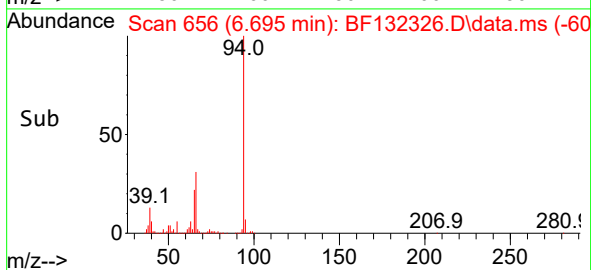
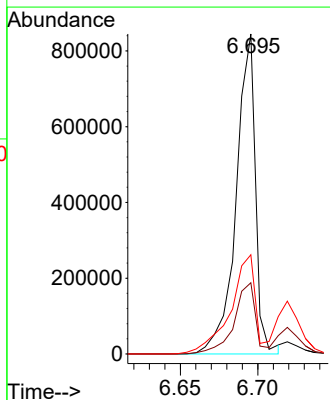
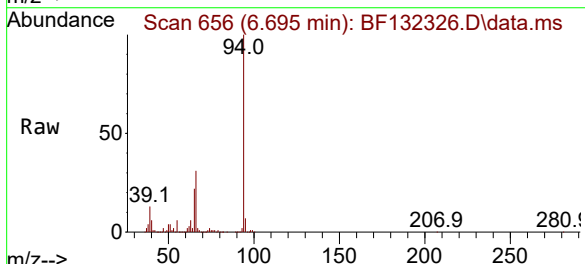
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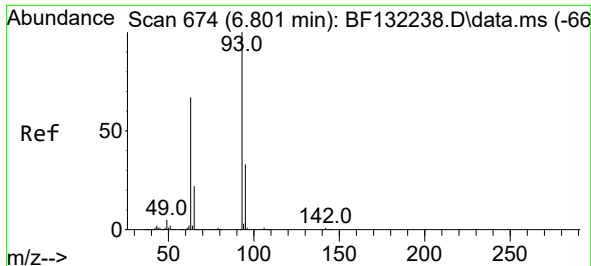
Tgt Ion: 77 Resp: 379994
Ion Ratio Lower Upper
77 100
105 112.1 86.8 126.8
106 107.9 83.8 123.8



#10
Phenol
Concen: 42.678 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 94 Resp: 734189
Ion Ratio Lower Upper
94 100
65 22.2 5.1 45.1
66 31.0 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 42.492 ng

RT: 6.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

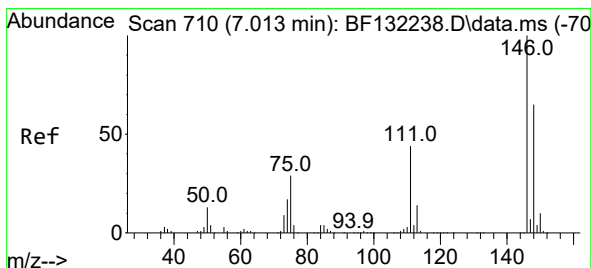
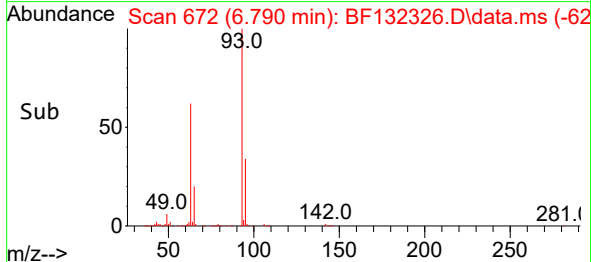
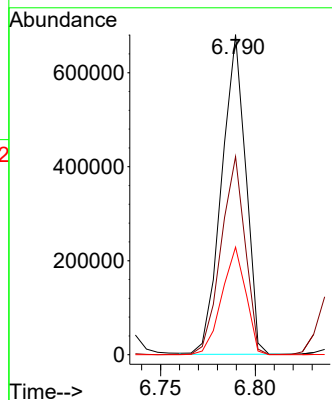
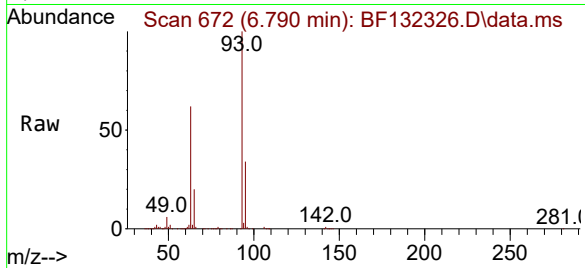
Tgt Ion: 93 Resp: 601601

Ion Ratio Lower Upper

93 100

63 61.9 46.7 86.7

95 33.6 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 45.298 ng

RT: 7.001 min Scan# 708

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

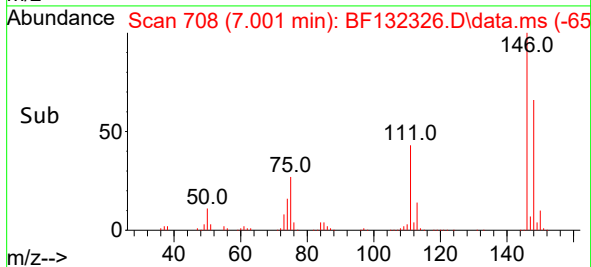
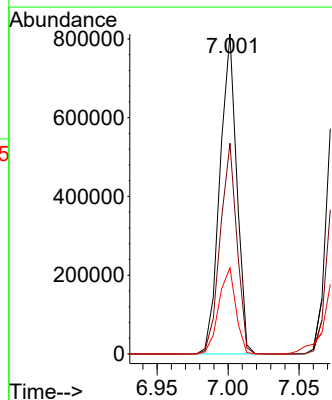
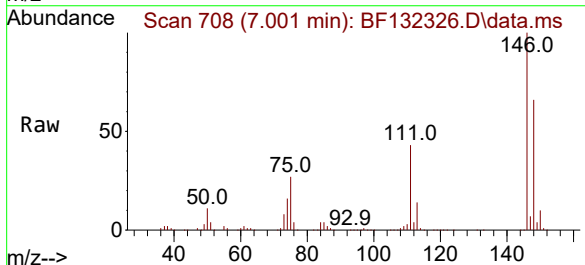
Tgt Ion:146 Resp: 668956

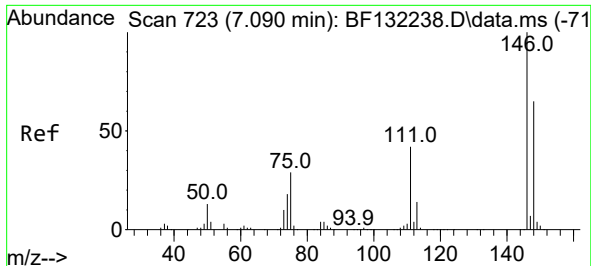
Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.8

75 26.9 23.5 35.3

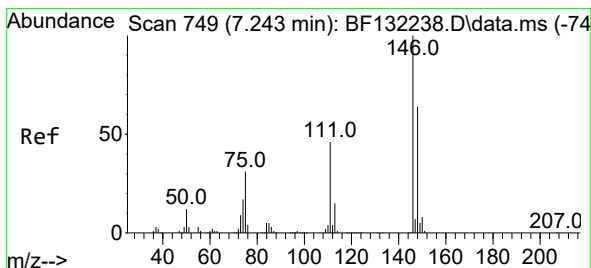
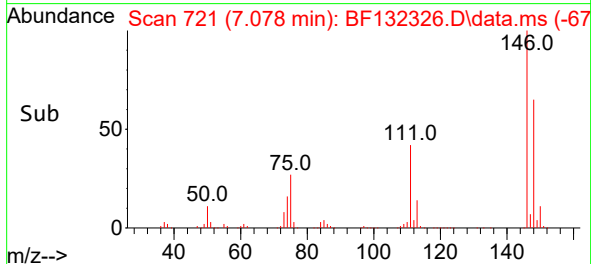
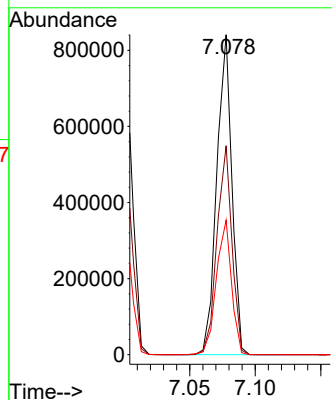
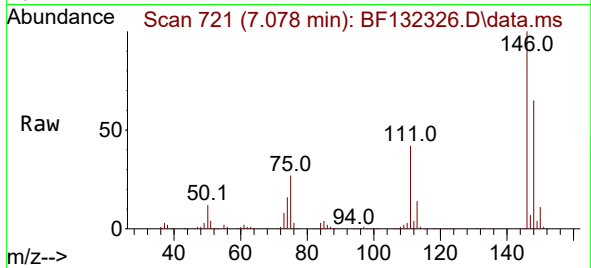




#13
1,4-Dichlorobenzene
Concen: 45.668 ng
RT: 7.078 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

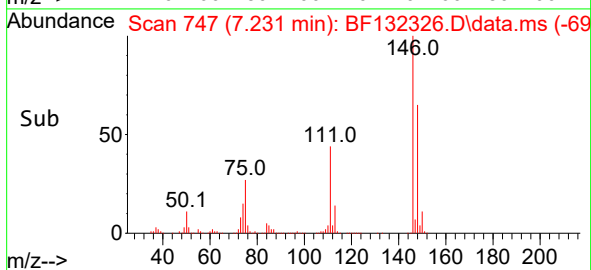
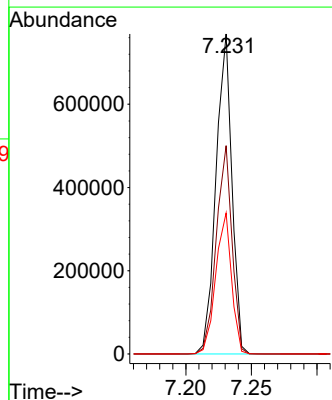
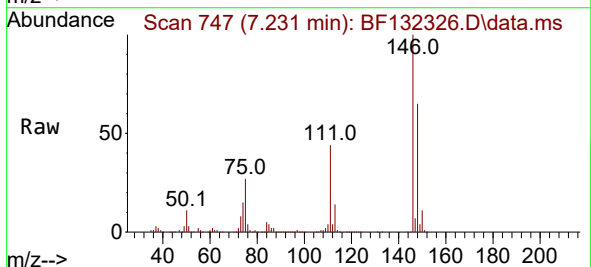
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

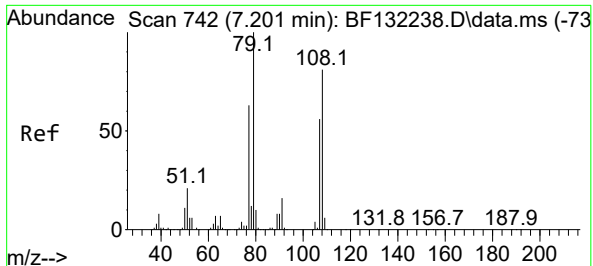
Tgt Ion:146 Resp: 673195
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
111 42.1 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 47.062 ng
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:146 Resp: 646978
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
111 44.1 37.1 55.7





#15

Benzyl Alcohol

Concen: 41.948 ng

RT: 7.195 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

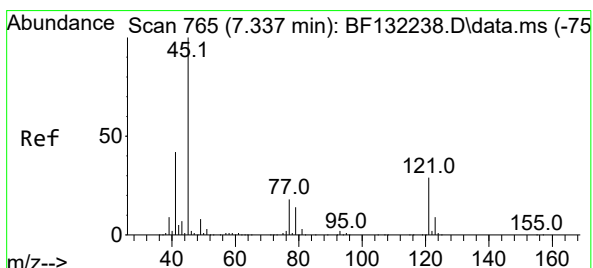
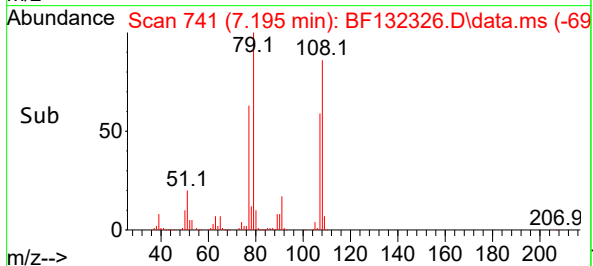
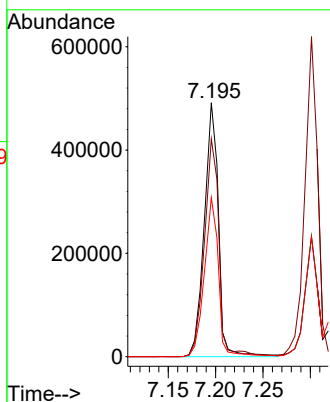
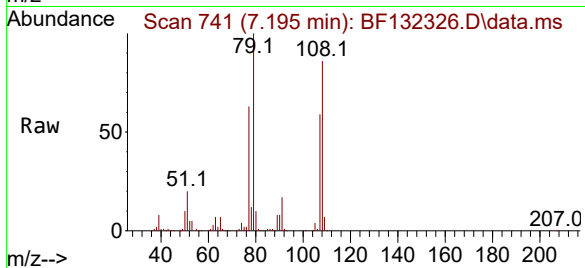
Tgt Ion: 79 Resp: 508734

Ion Ratio Lower Upper

79 100

108 85.8 64.6 97.0

77 62.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.113 ng

RT: 7.331 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

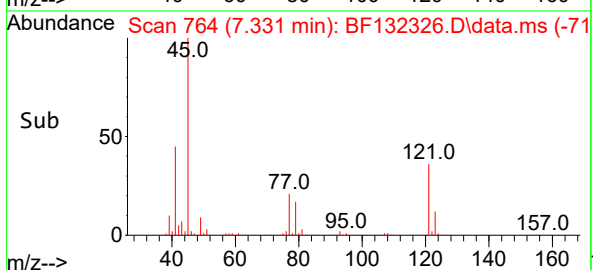
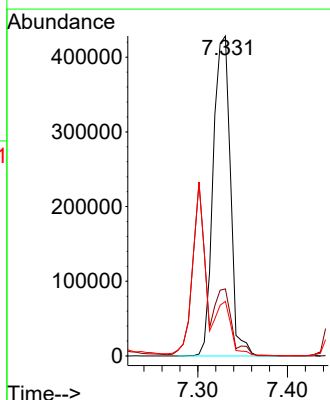
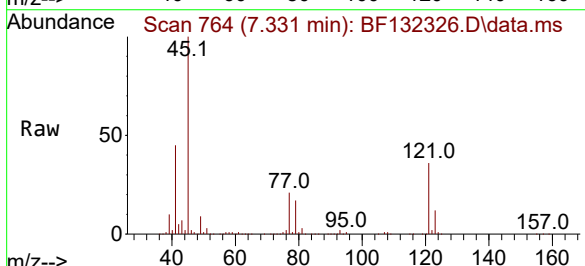
Tgt Ion: 45 Resp: 568518

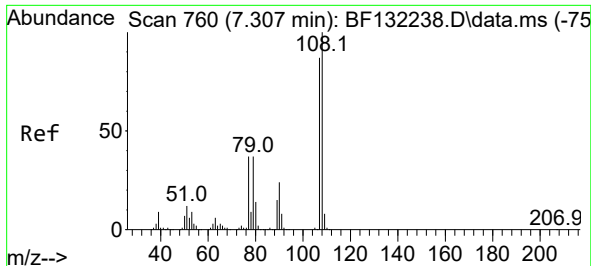
Ion Ratio Lower Upper

45 100

77 21.0 0.0 38.0

79 17.1 0.0 33.8

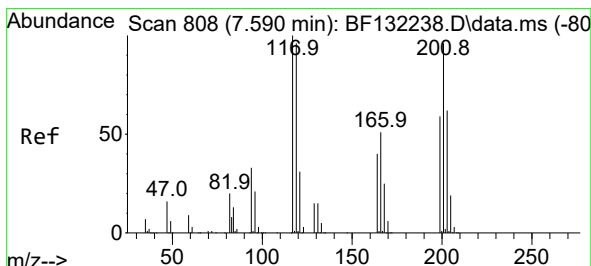
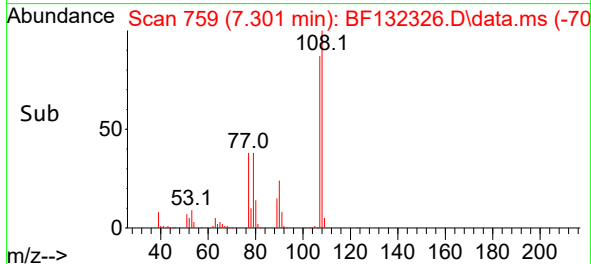
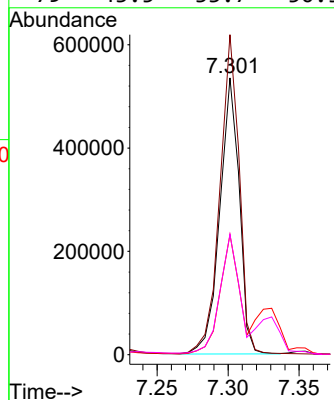
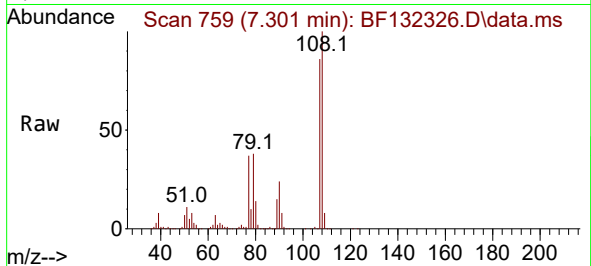




#17
2-Methylphenol
Concen: 41.523 ng
RT: 7.301 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

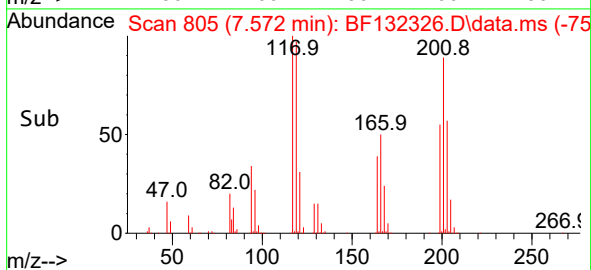
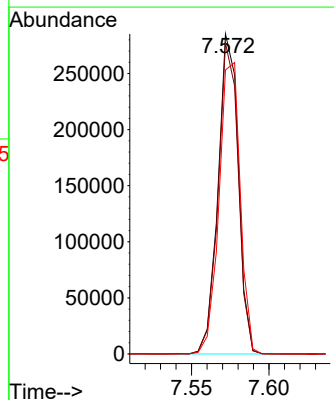
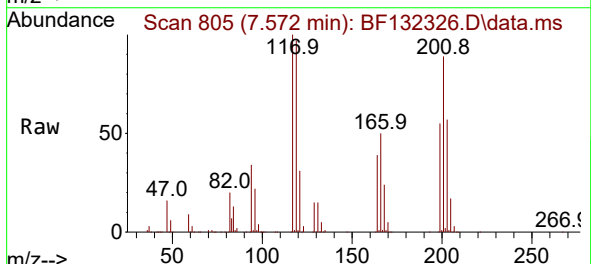
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

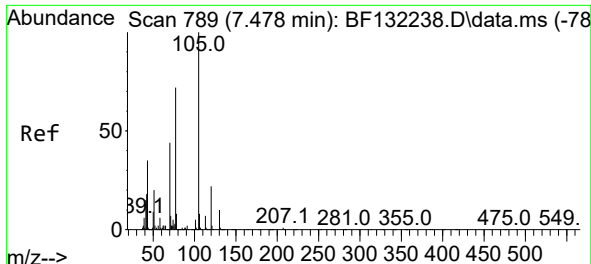
Tgt Ion:107 Resp: 507511
Ion Ratio Lower Upper
107 100
108 115.6 91.8 137.6
77 43.3 34.2 51.2
79 43.5 33.7 50.5



#18
Hexachloroethane
Concen: 46.967 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:117 Resp: 259726
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1
201 88.8 76.6 114.8



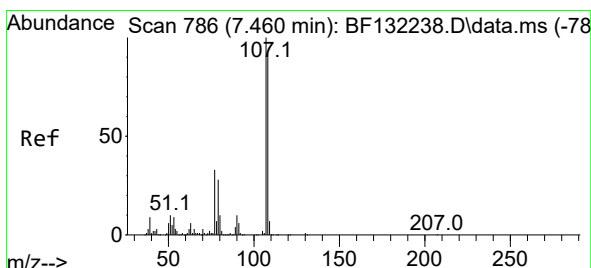
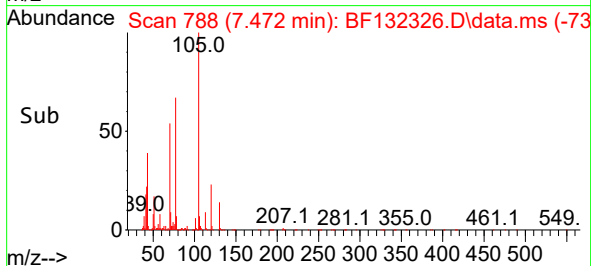
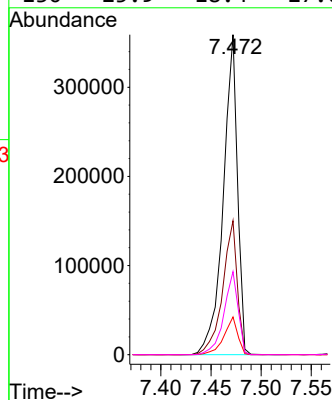
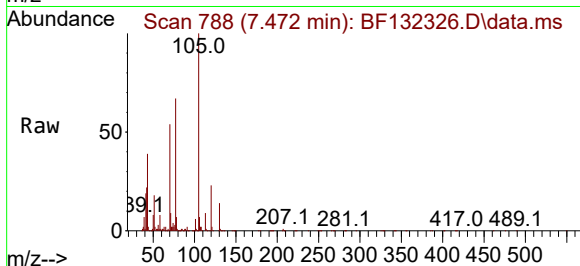


#19
n-Nitroso-di-n-propylamine
Concen: 37.472 ng
RT: 7.472 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

Tgt Ion: 70 Resp: 353764

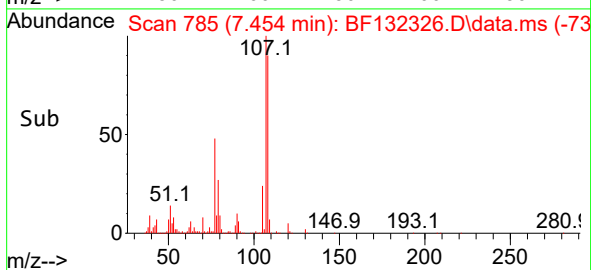
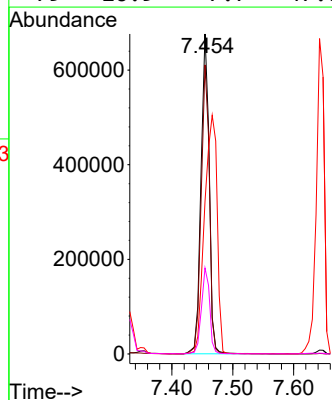
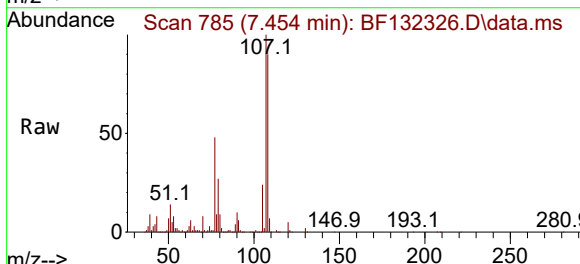
Ion	Ratio	Lower	Upper
70	100		
42	41.8	33.4	50.0
101	11.8	8.2	12.4
130	25.9	18.4	27.6

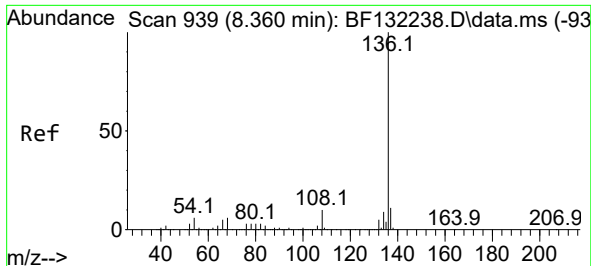


#20
3+4-Methylphenols
Concen: 40.552 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 107 Resp: 632616

Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.6	111.6
77	47.6	13.4	53.4
79	26.9	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.348 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

Tgt Ion:136 Resp: 833003

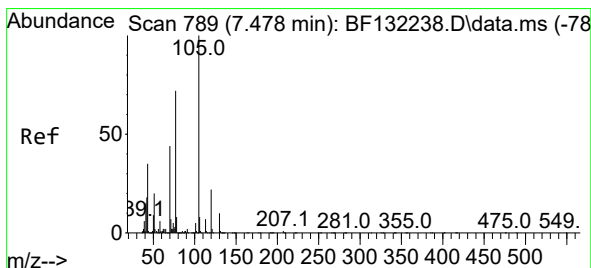
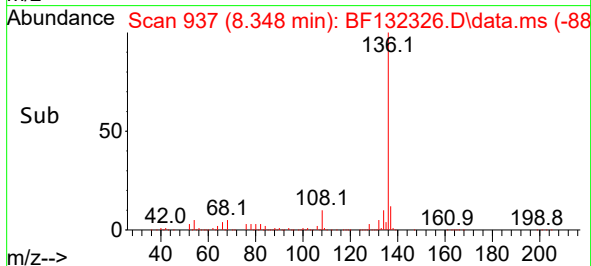
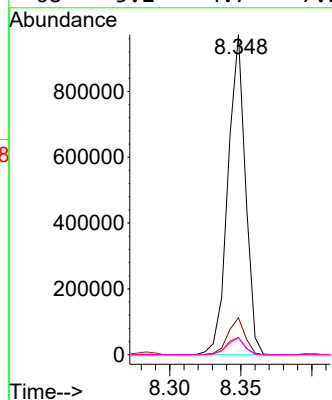
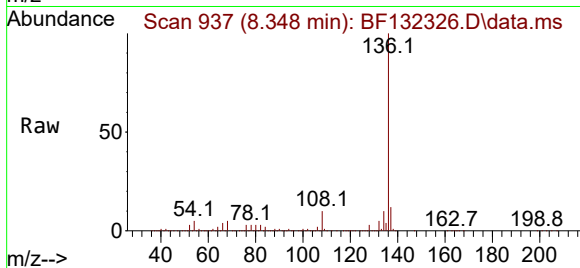
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 5.4 4.9 7.3

68 5.2 4.7 7.1



#22

Acetophenone

Concen: 40.625 ng

RT: 7.466 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Tgt Ion:105 Resp: 795842

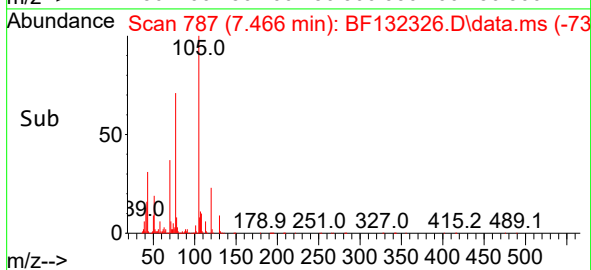
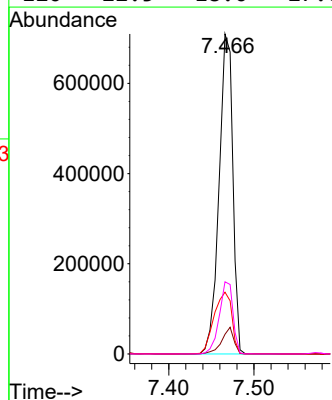
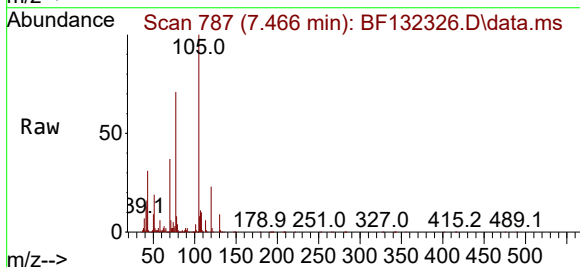
Ion Ratio Lower Upper

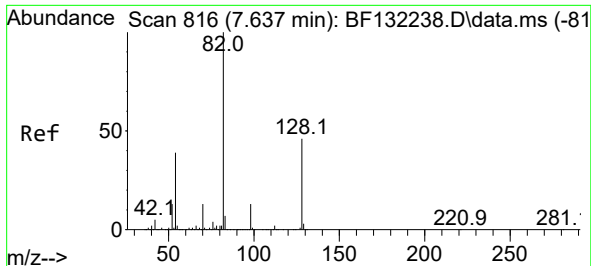
105 100

71 6.2 5.8 8.6

51 19.3 16.2 24.2

120 22.5 18.0 27.0

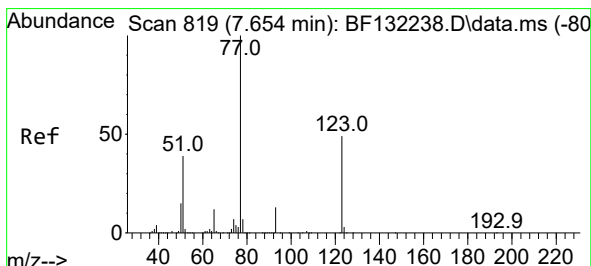
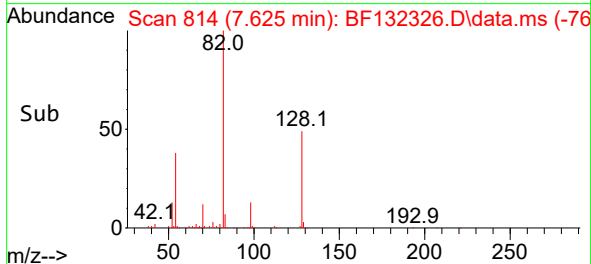
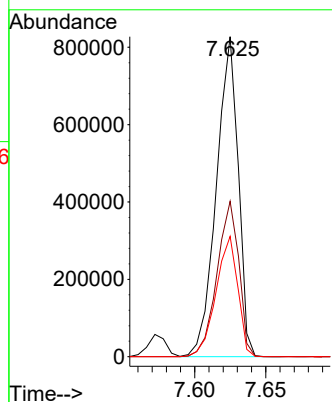
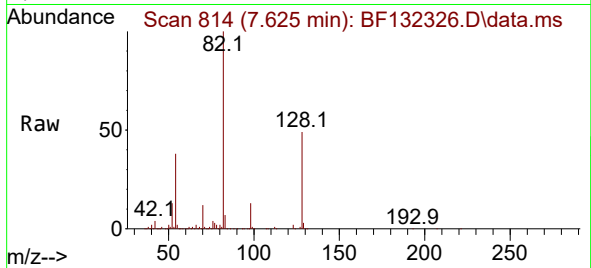




#23
Nitrobenzene-d5
Concen: 58.973 ng
RT: 7.625 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

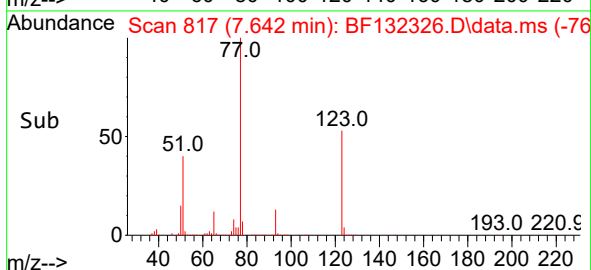
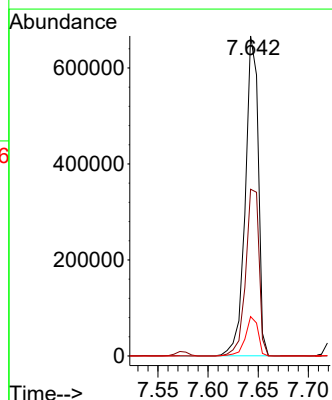
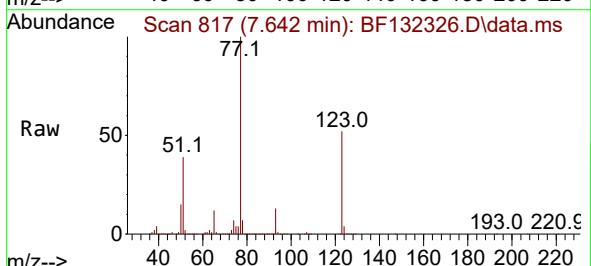
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

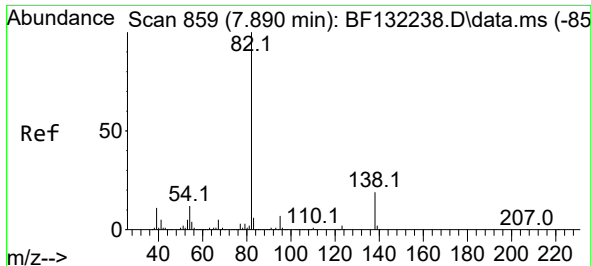
Tgt Ion: 82 Resp: 882789
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 37.6 31.5 47.3



#24
Nitrobenzene
Concen: 39.399 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 77 Resp: 602527
Ion Ratio Lower Upper
77 100
123 52.1 39.5 59.3
65 12.3 9.8 14.8

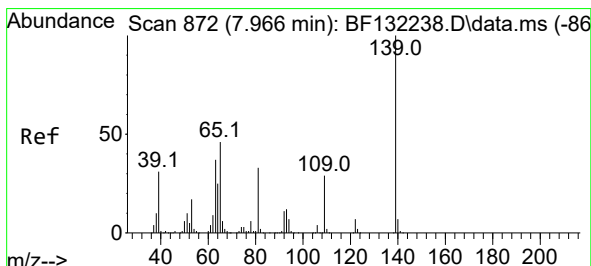
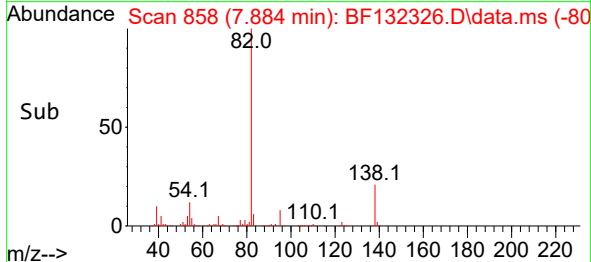
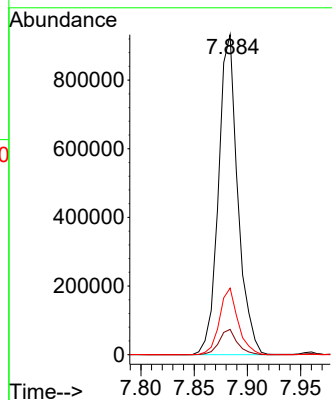
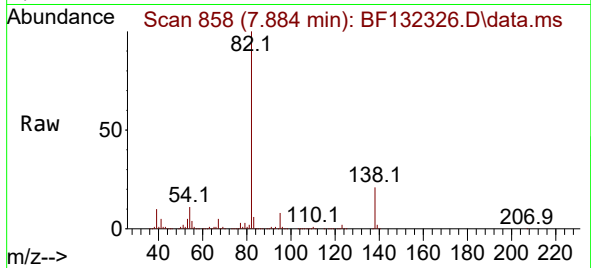




#25
Isophorone
Concen: 41.288 ng
RT: 7.884 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

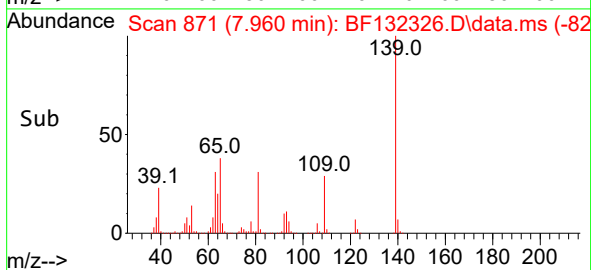
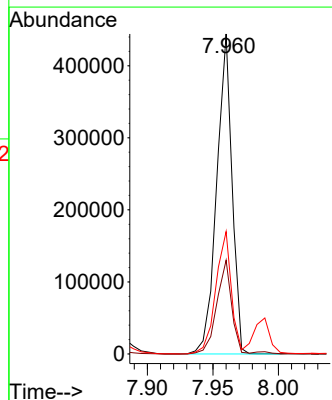
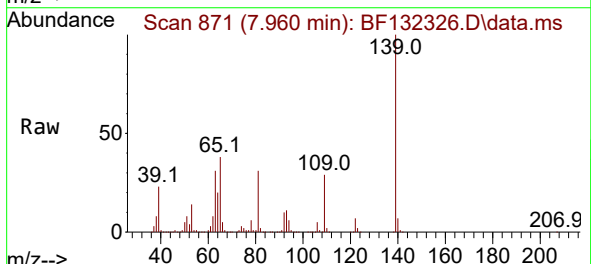
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

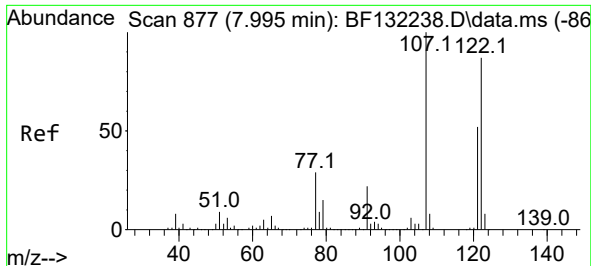
Tgt Ion: 82 Resp: 1173076
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 20.8 15.0 22.6



#26
2-Nitrophenol
Concen: 48.403 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 139 Resp: 360554
Ion Ratio Lower Upper
139 100
109 29.3 23.0 34.6
65 38.3 36.6 55.0

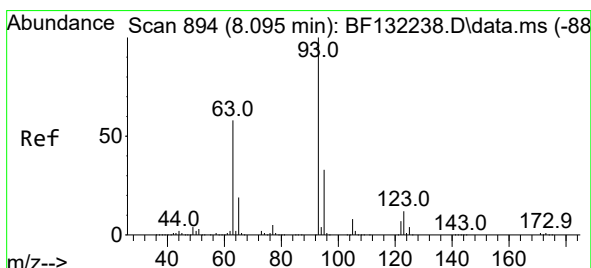
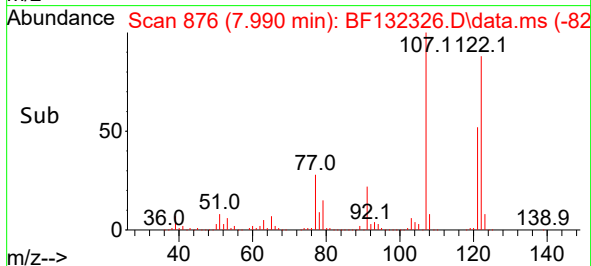
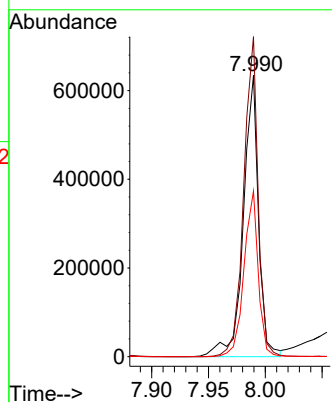
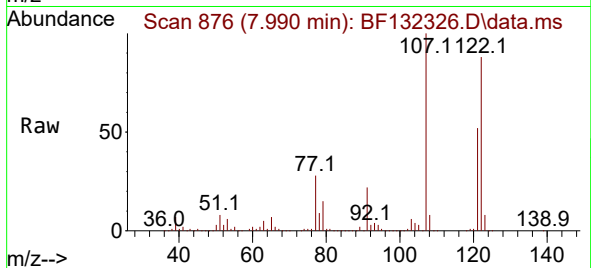




#27
2,4-Dimethylphenol
Concen: 45.177 ng
RT: 7.990 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

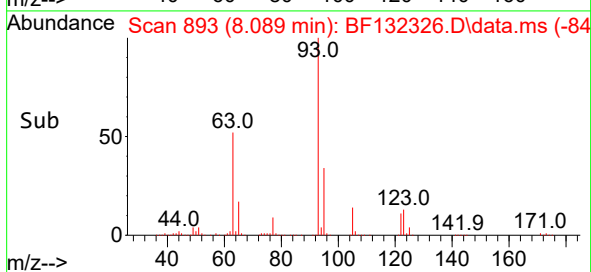
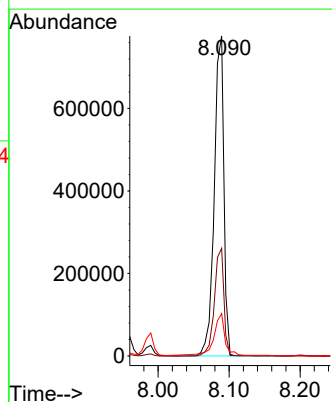
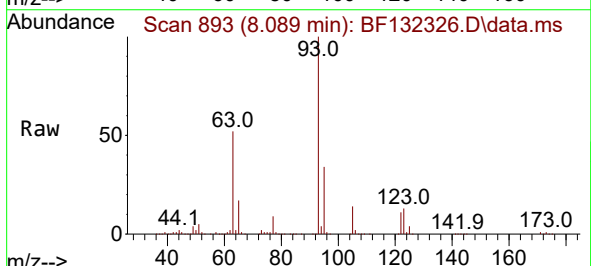
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

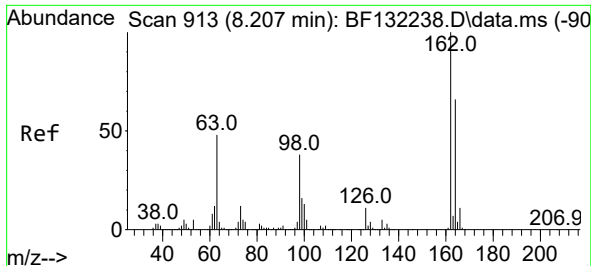
Tgt Ion:122 Resp: 589034
Ion Ratio Lower Upper
122 100
107 113.8 91.9 137.9
121 58.9 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.893 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 93 Resp: 731442
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 13.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.702 ng

RT: 8.201 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

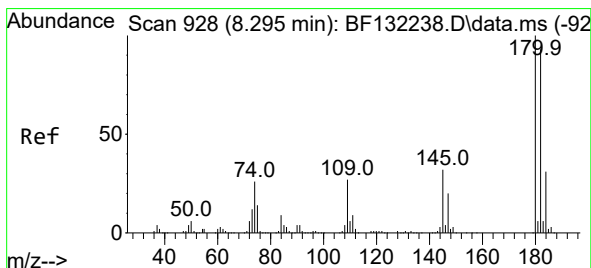
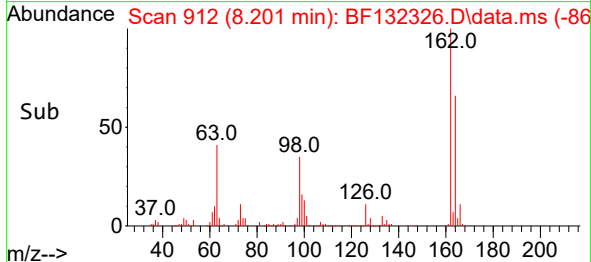
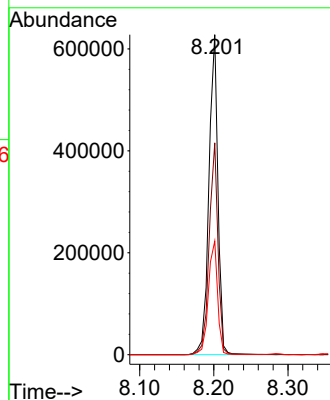
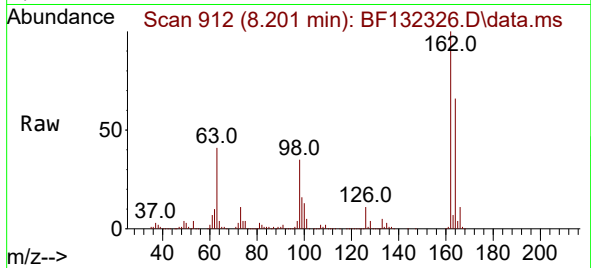
Tgt Ion:162 Resp: 529038

Ion Ratio Lower Upper

162 100

164 66.2 46.4 86.4

98 35.5 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 45.955 ng

RT: 8.284 min Scan# 926

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

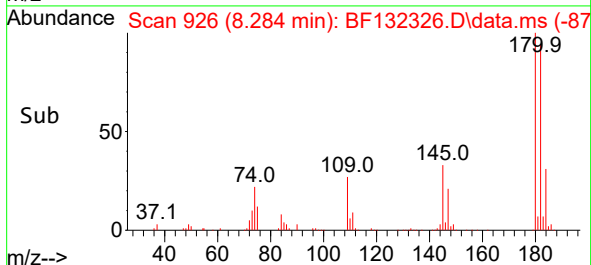
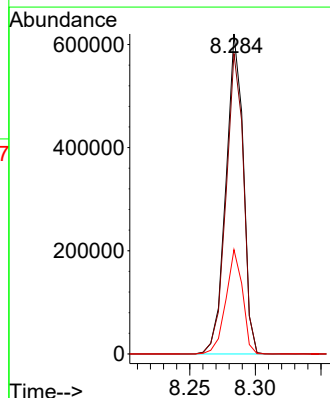
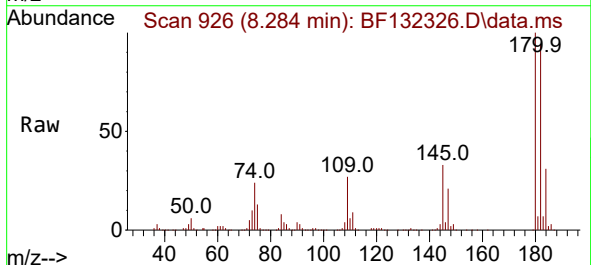
Tgt Ion:180 Resp: 569661

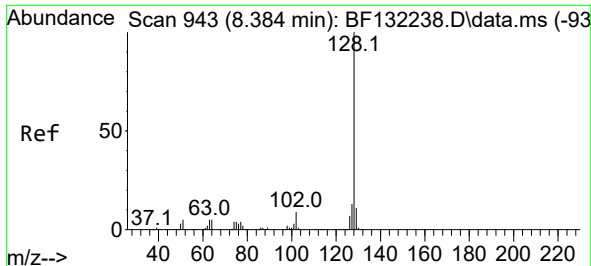
Ion Ratio Lower Upper

180 100

182 94.0 74.6 112.0

145 32.6 25.3 37.9

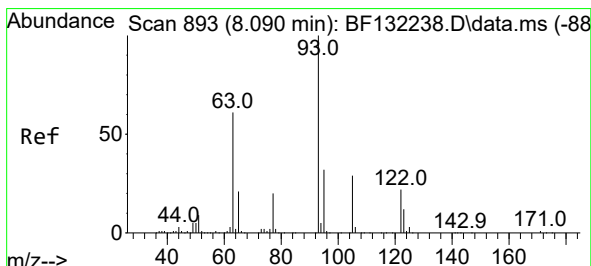
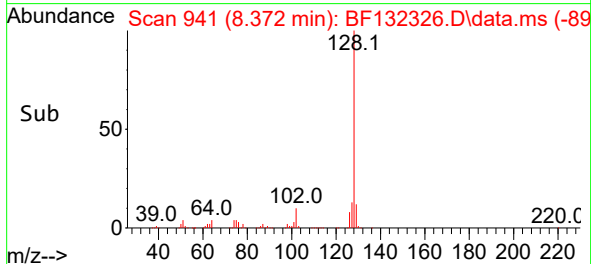
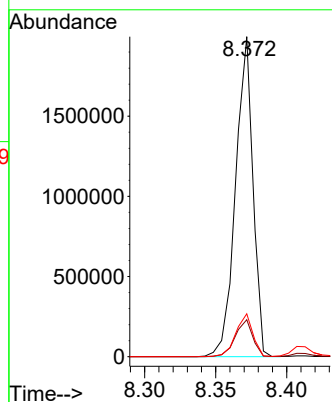
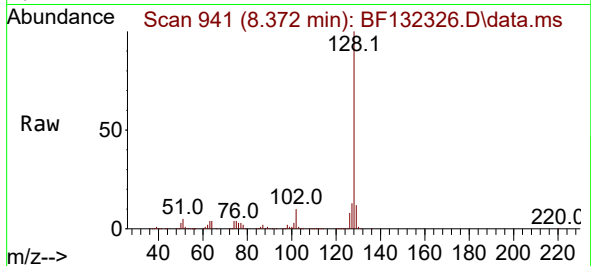




#31
Naphthalene
Concen: 41.495 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

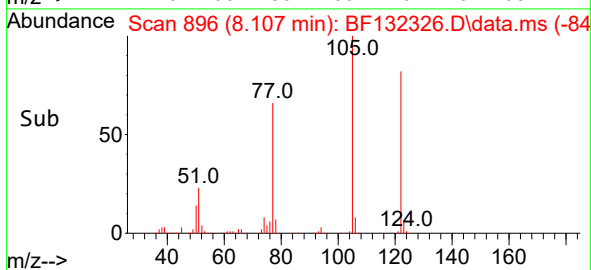
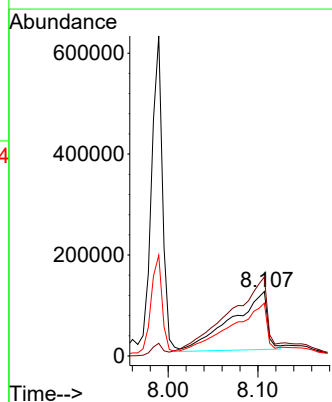
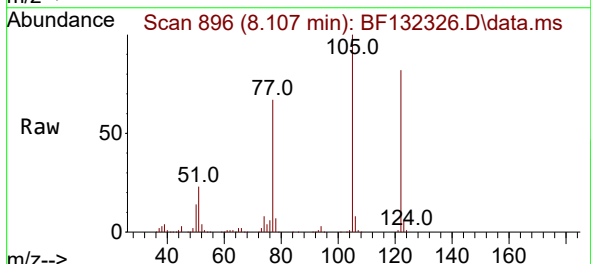
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

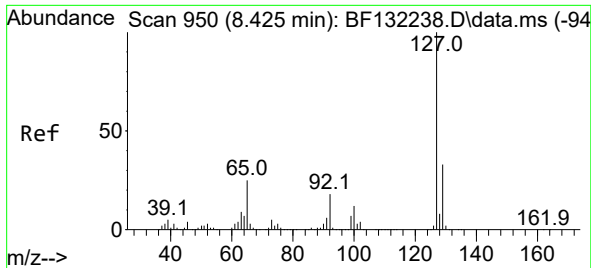
Tgt Ion:128 Resp: 1701423
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 33.261 ng
RT: 8.107 min Scan# 896
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:122 Resp: 321006
Ion Ratio Lower Upper
122 100
105 122.4 106.3 146.3
77 82.0 70.6 110.6

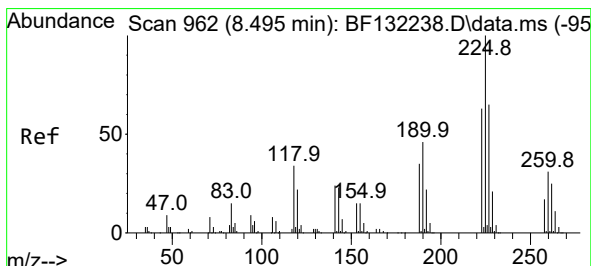
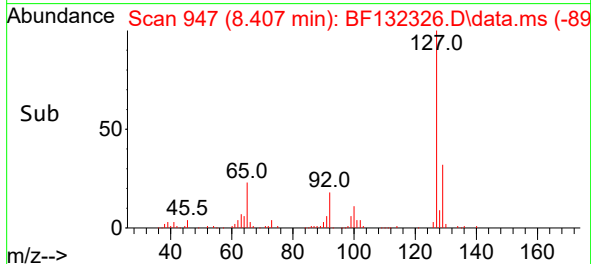
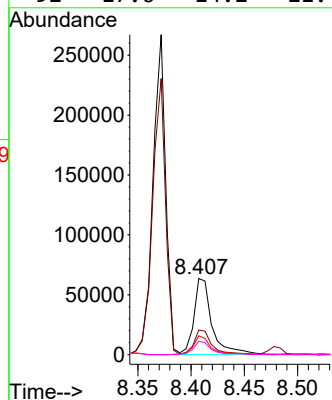
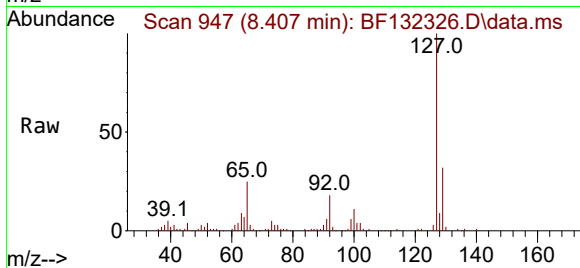




#33
4-Chloroaniline
Concen: 4.068 ng
RT: 8.407 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

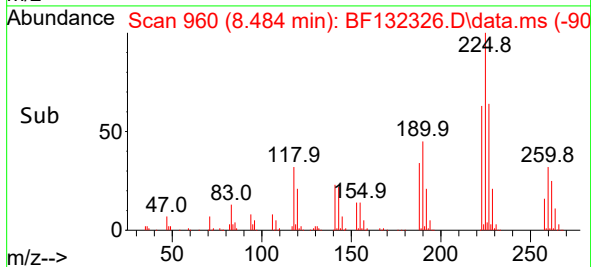
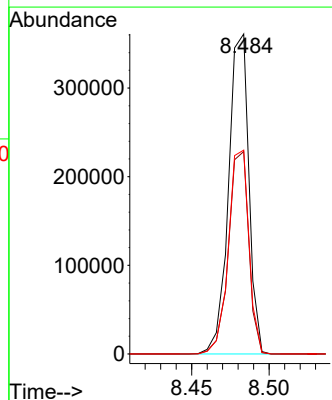
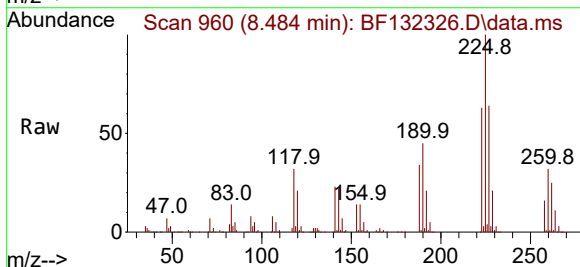
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

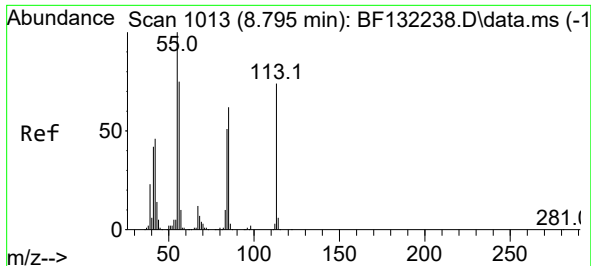
Tgt Ion:127	Resp:	73973	
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	24.7	20.2	30.2
92	17.6	14.2	21.4



#34
Hexachlorobutadiene
Concen: 47.260 ng
RT: 8.484 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:225	Resp:	329344	
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	75.8
227	63.7	51.7	77.5

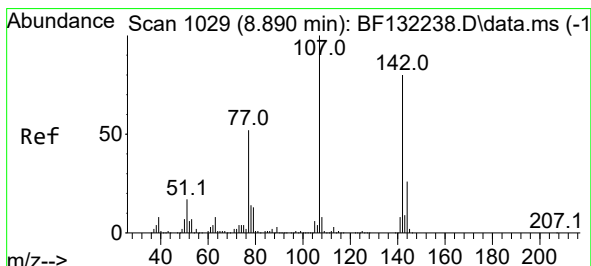
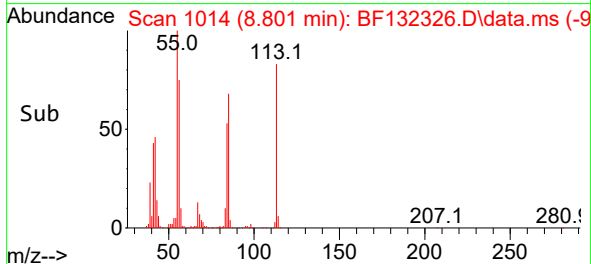
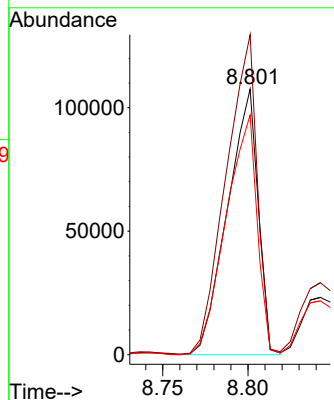
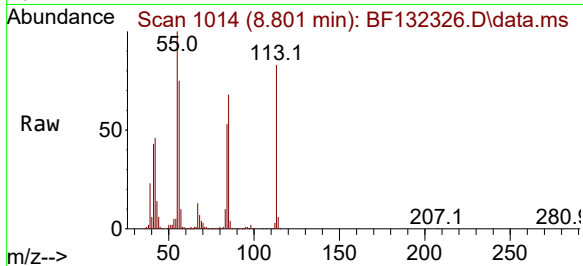




#35
Caprolactam
Concen: 33.987 ng
RT: 8.801 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

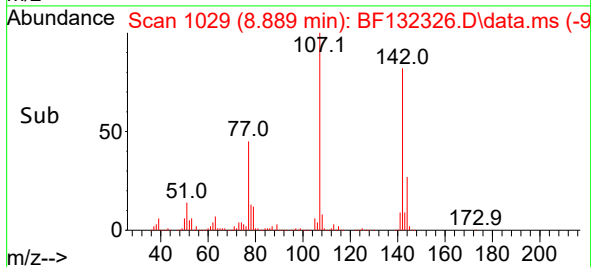
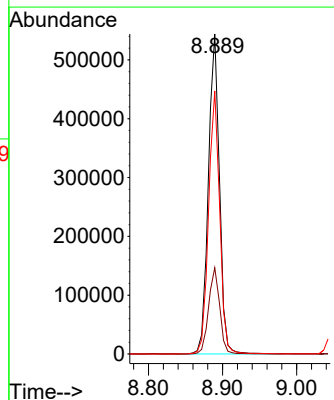
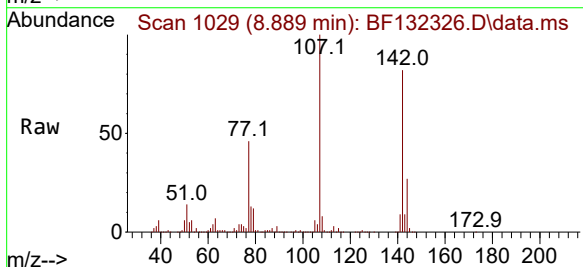
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

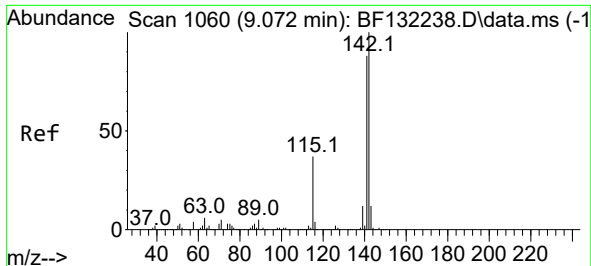
Tgt Ion:113 Resp: 134124
Ion Ratio Lower Upper
113 100
55 120.5 114.7 154.7
56 90.2 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 45.448 ng
RT: 8.889 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:107 Resp: 566783
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 82.2 63.6 95.4

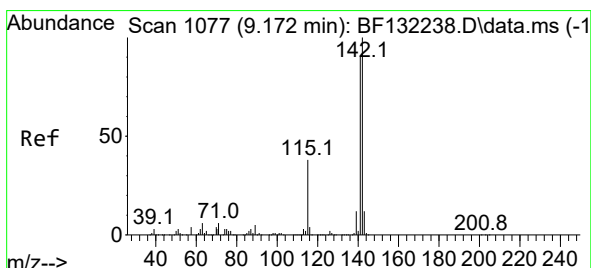
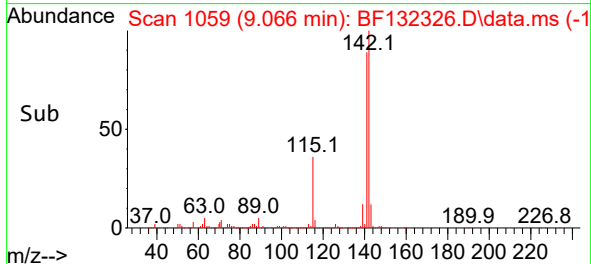
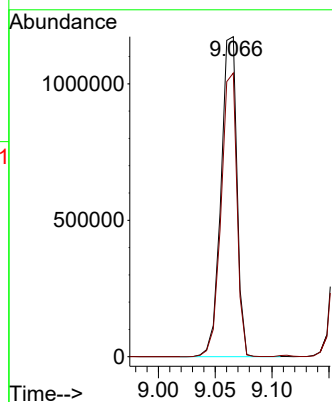
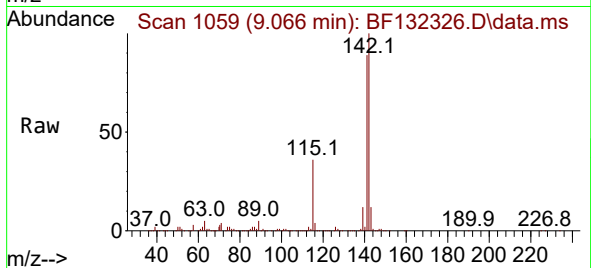




#37
2-Methylnaphthalene
Concen: 41.460 ng
RT: 9.066 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

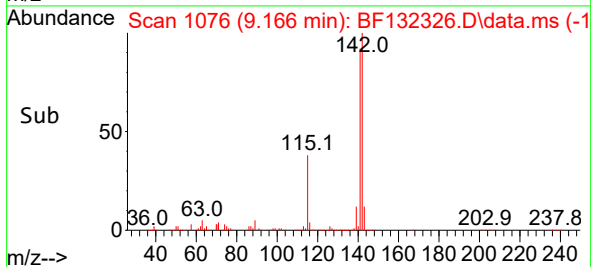
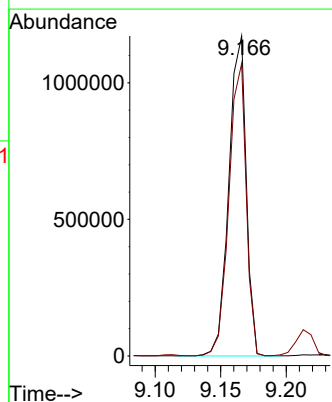
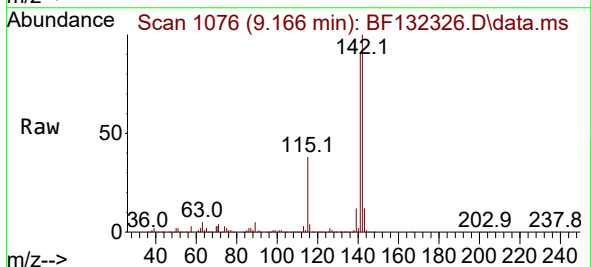
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

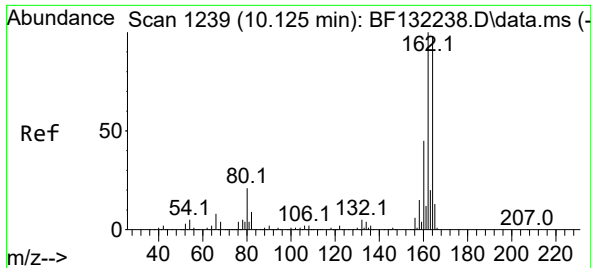
Tgt Ion:142 Resp: 1151487
Ion Ratio Lower Upper
142 100
141 88.6 70.1 105.1



#38
1-Methylnaphthalene
Concen: 41.781 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:142 Resp: 1078384
Ion Ratio Lower Upper
142 100
141 91.3 72.6 108.8

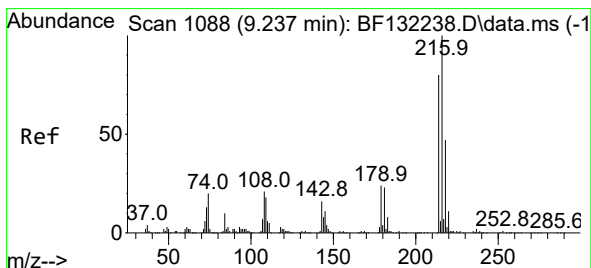
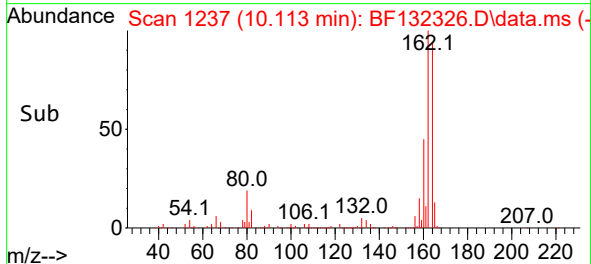
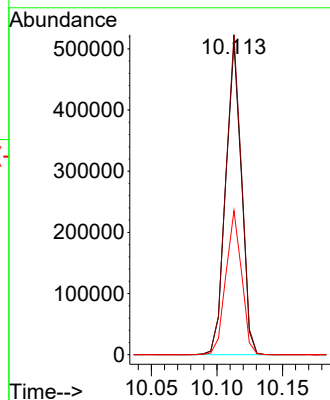
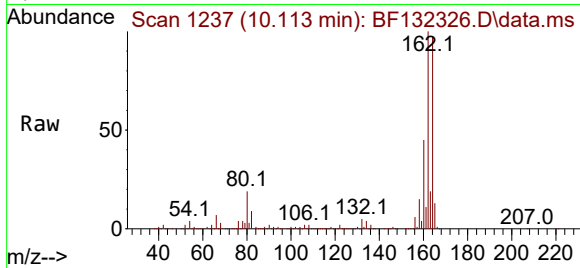




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

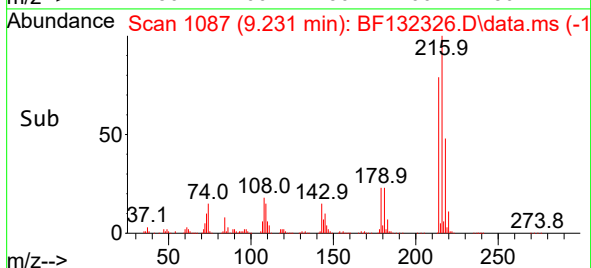
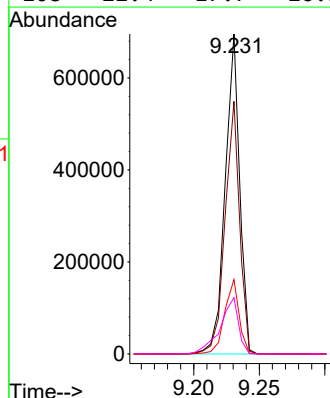
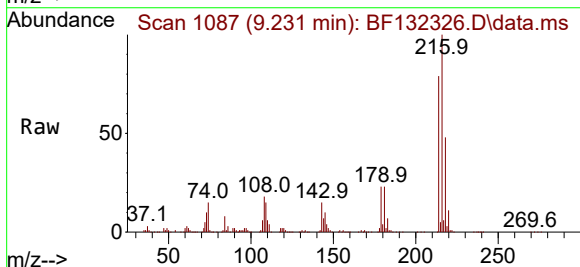
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

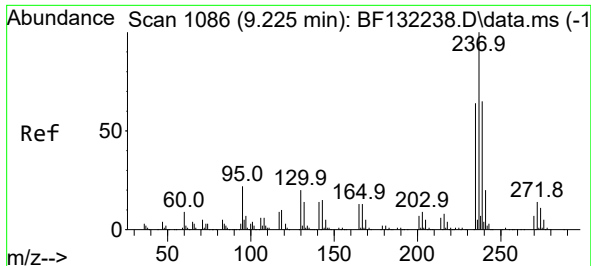
Tgt Ion:164 Resp: 423966
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 46.2 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.669 ng
RT: 9.231 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:216 Resp: 532943
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 23.1 18.3 27.5
108 22.4 17.7 26.5

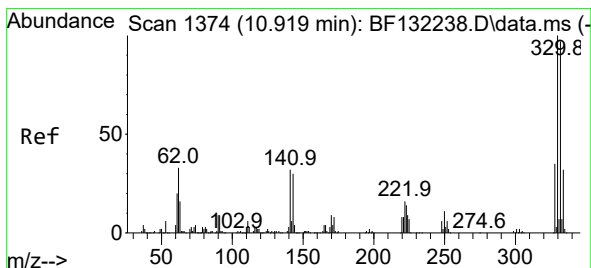
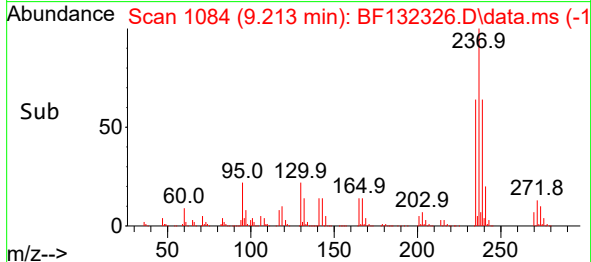
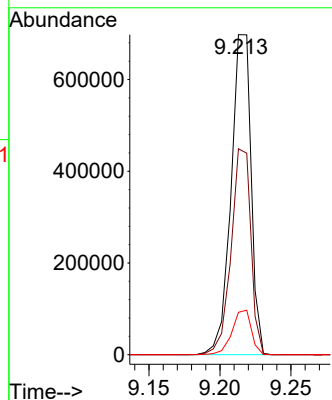
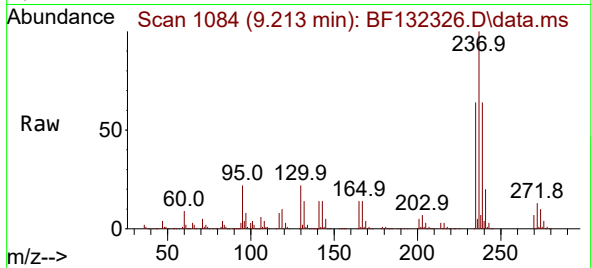




#41
Hexachlorocyclopentadiene
Concen: 98.781 ng
RT: 9.213 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

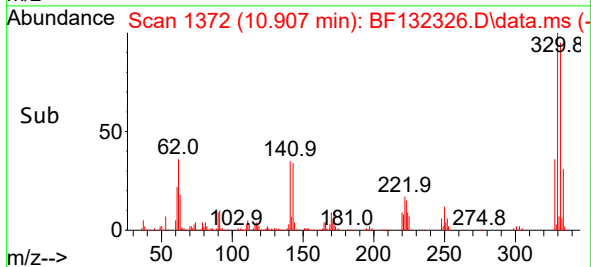
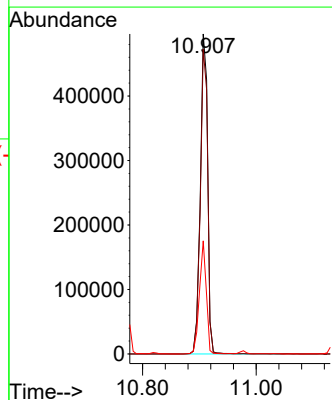
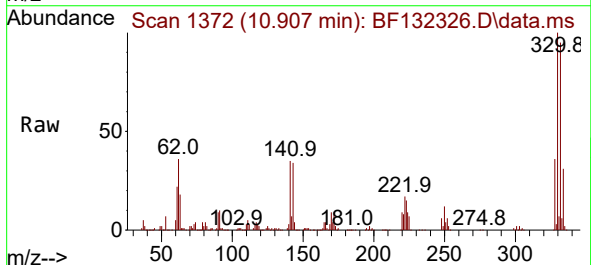
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

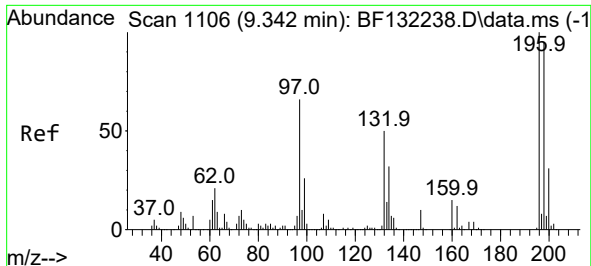
Tgt Ion:237 Resp: 687600
Ion Ratio Lower Upper
237 100
235 64.4 43.5 83.5
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 102.586 ng
RT: 10.907 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:330 Resp: 447266
Ion Ratio Lower Upper
330 100
332 95.8 77.9 116.9
141 33.3 31.0 46.4

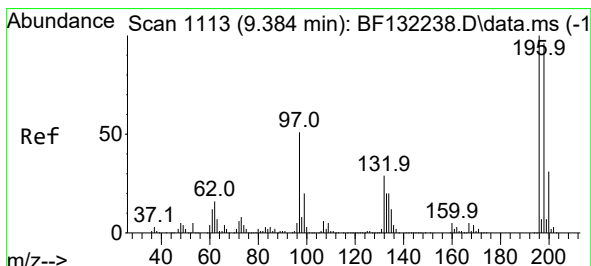
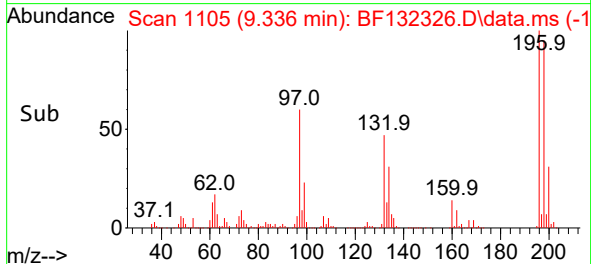
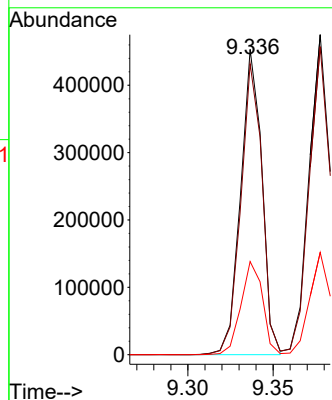
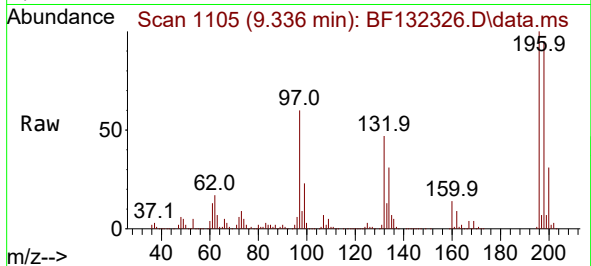




#43
 2,4,6-Trichlorophenol
 Concen: 46.149 ng
 RT: 9.336 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF132326.D
 Acq: 03 Feb 2023 17:31

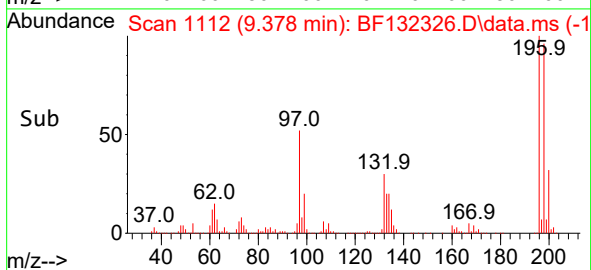
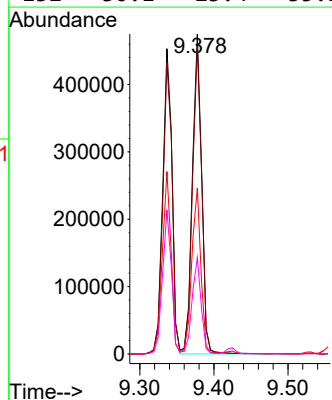
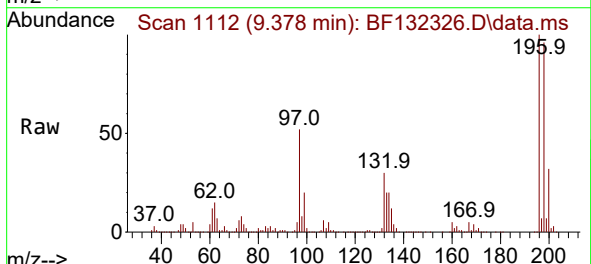
Instrument :
 BNA_F
 ClientSampleId :
 4-RAMP-EMS

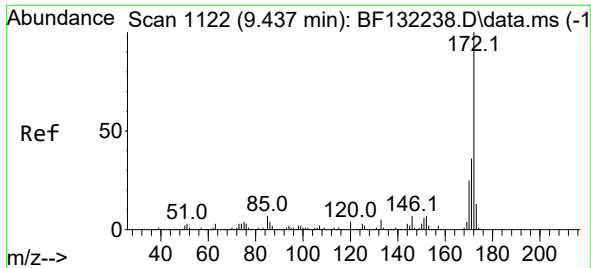
Tgt Ion:196 Resp: 393581
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.9 113.9
 200 30.5 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.279 ng
 RT: 9.378 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: BF132326.D
 Acq: 03 Feb 2023 17:31

Tgt Ion:196 Resp: 415022
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.0 115.4
 97 51.8 41.2 61.8
 132 30.1 23.4 35.2

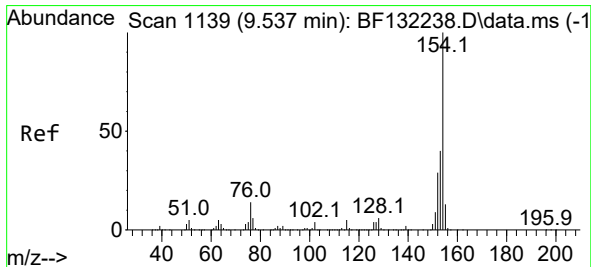
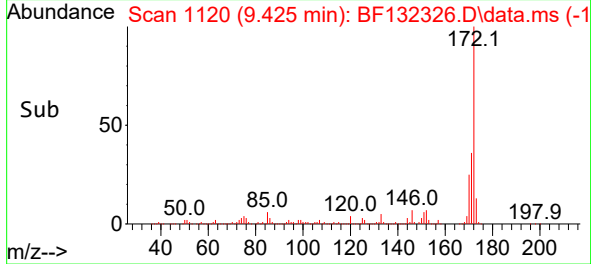
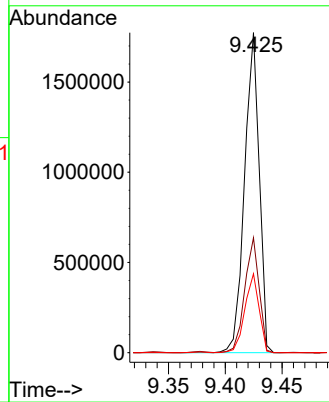
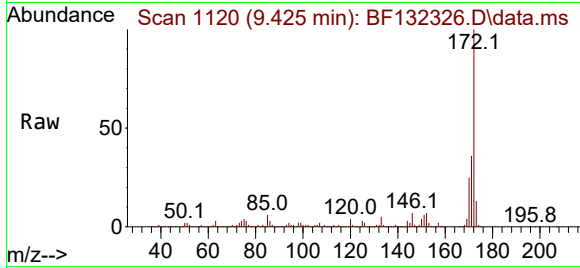




#45
2-Fluorobiphenyl
Concen: 57.682 ng
RT: 9.425 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

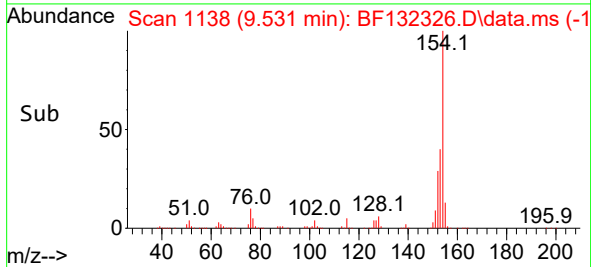
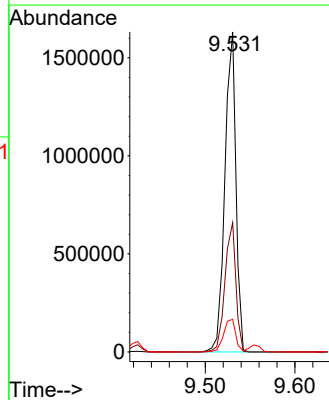
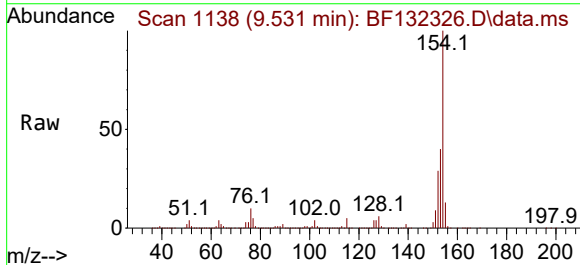
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

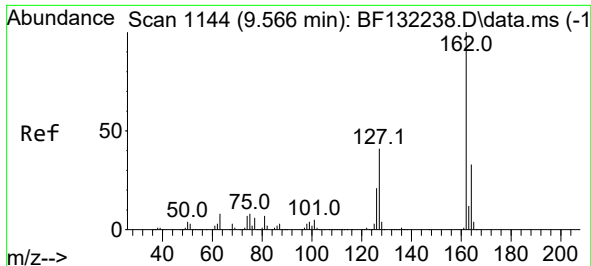
Tgt Ion:172 Resp: 1583630
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.7 19.7 29.5



#46
1,1'-Biphenyl
Concen: 42.498 ng
RT: 9.531 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:154 Resp: 1389055
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 10.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 43.604 ng

RT: 9.554 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

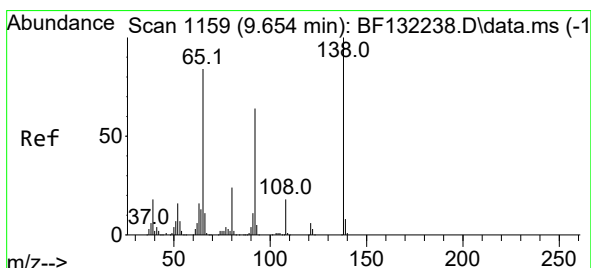
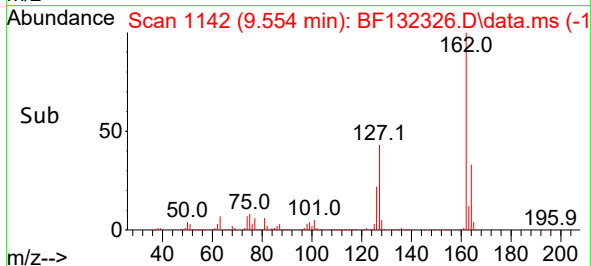
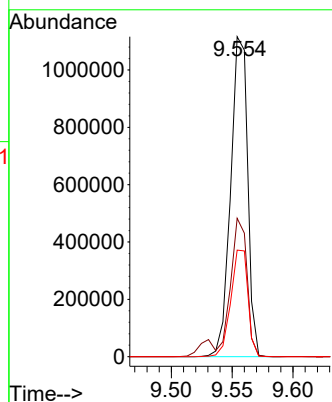
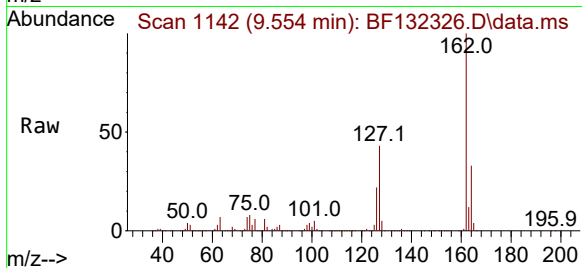
Tgt Ion:162 Resp: 1085514

Ion Ratio Lower Upper

162 100

127 43.2 33.3 49.9

164 33.3 26.8 40.2



#48

2-Nitroaniline

Concen: 37.786 ng

RT: 9.648 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

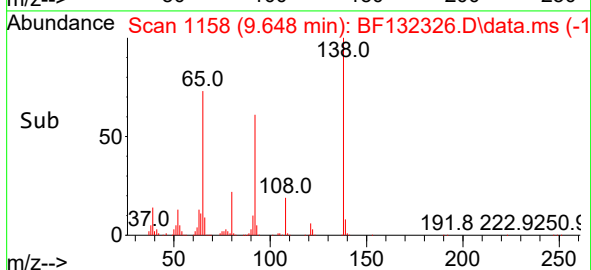
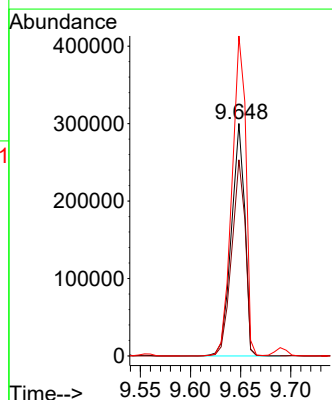
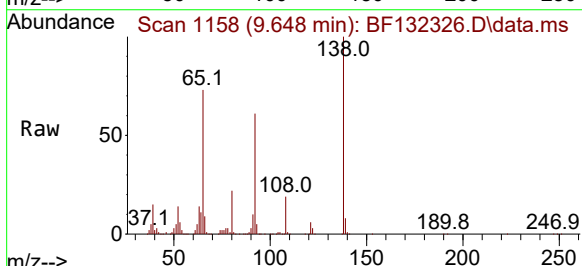
Tgt Ion: 65 Resp: 279763

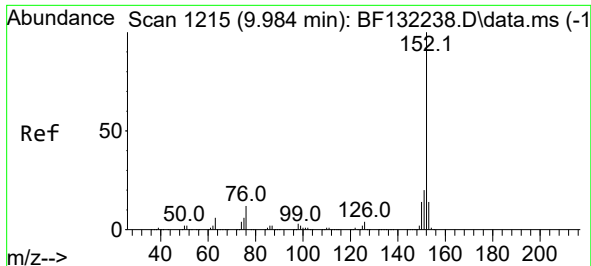
Ion Ratio Lower Upper

65 100

92 84.4 61.0 91.4

138 137.7 95.0 142.4

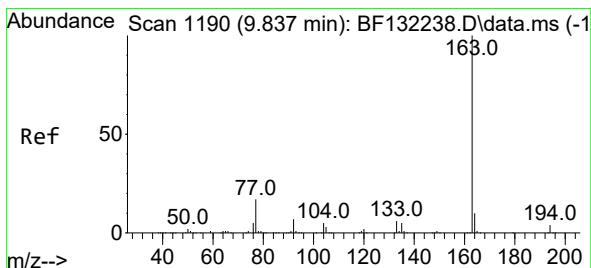
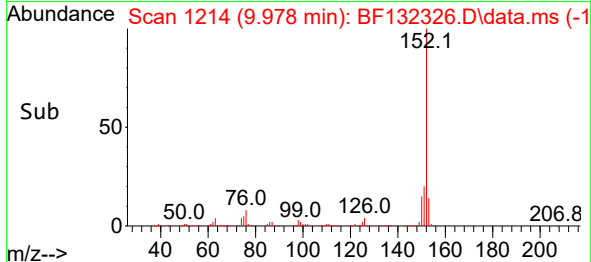
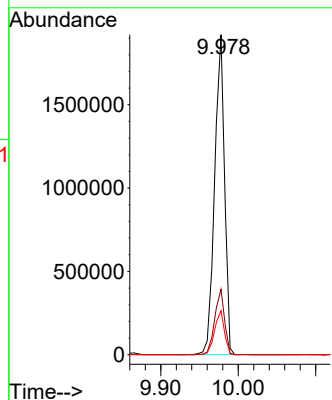
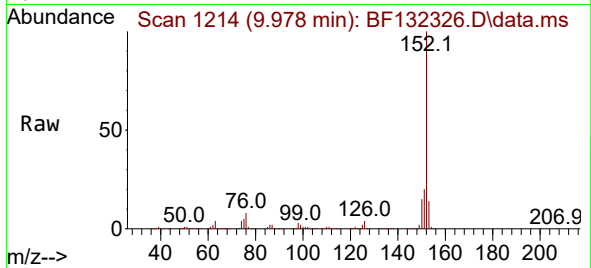




#49
Acenaphthylene
Concen: 42.010 ng
RT: 9.978 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

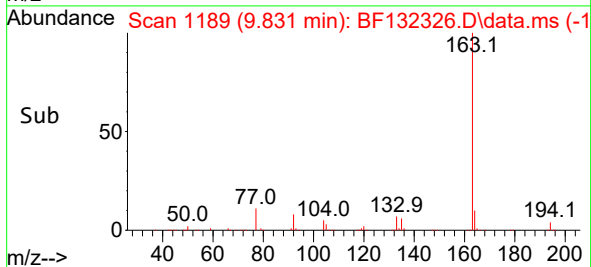
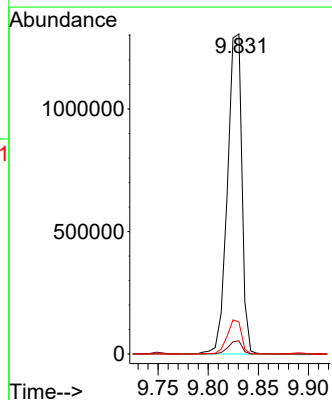
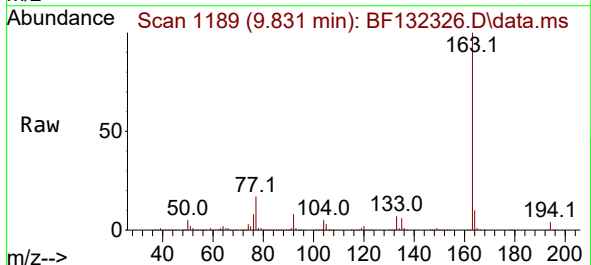
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

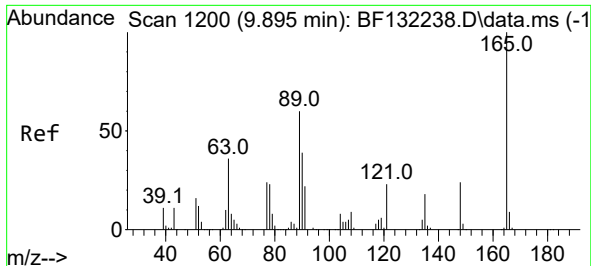
Tgt Ion:152 Resp: 1706853
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.7 10.9 16.3



#50
Dimethylphthalate
Concen: 43.884 ng
RT: 9.831 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:163 Resp: 1301441
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.0 7.9 11.9

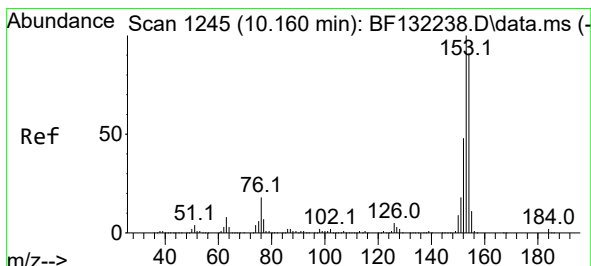
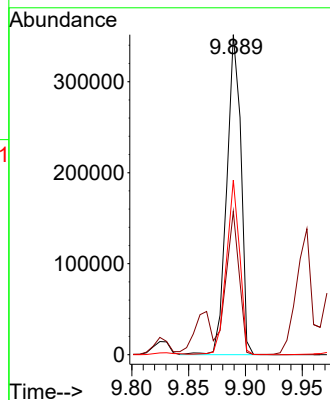
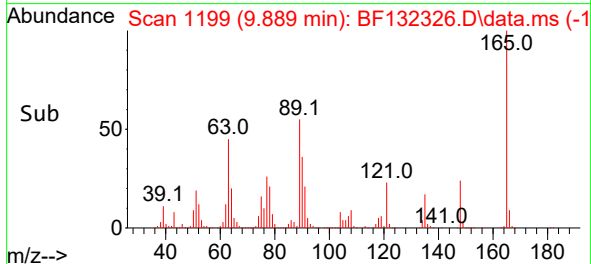
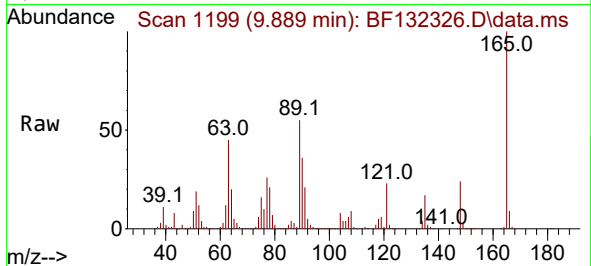




#51
2,6-Dinitrotoluene
Concen: 46.099 ng
RT: 9.889 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

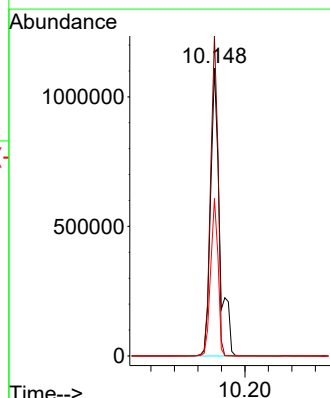
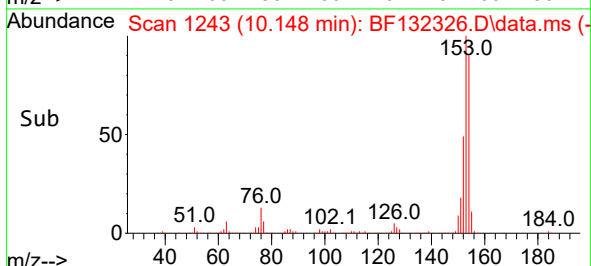
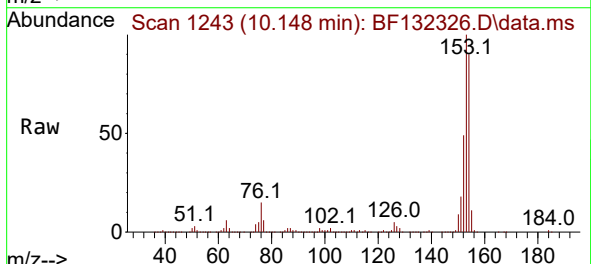
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

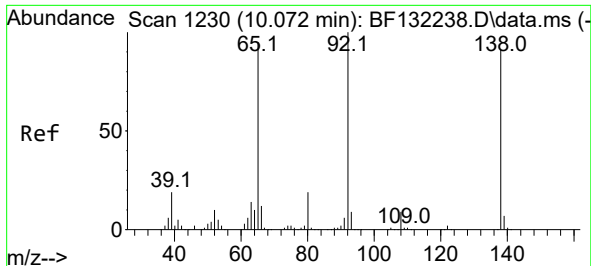
Tgt Ion:165 Resp: 305335
Ion Ratio Lower Upper
165 100
63 44.8 41.5 62.3
89 54.6 48.1 72.1



#52
Acenaphthene
Concen: 47.191 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:154 Resp: 1200383
Ion Ratio Lower Upper
154 100
153 111.3 88.3 132.5
152 54.8 42.7 64.1

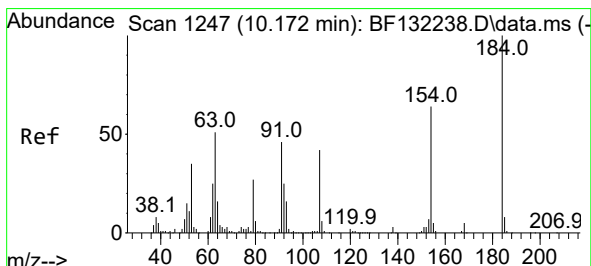
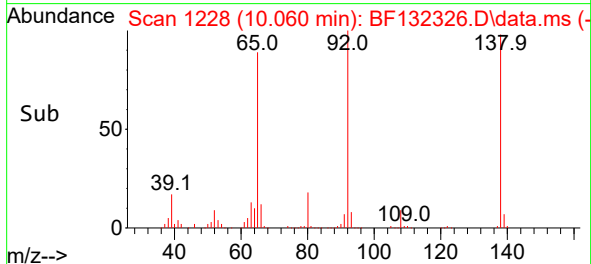
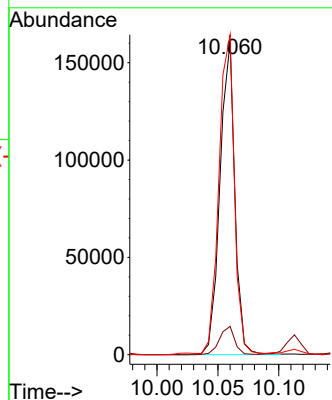
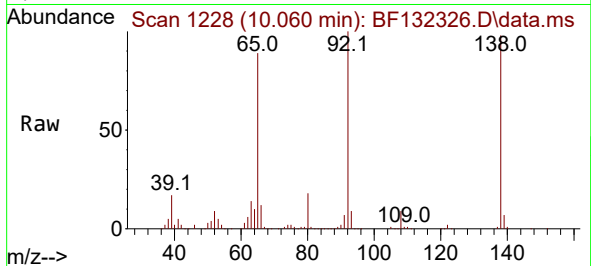




#53
3-Nitroaniline
Concen: 17.035 ng
RT: 10.060 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

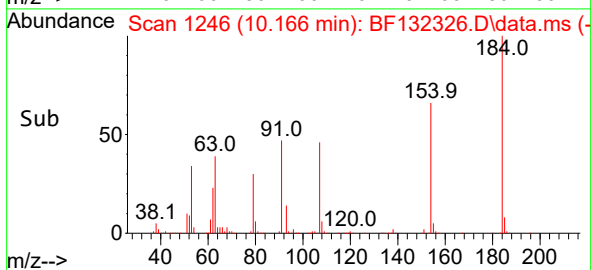
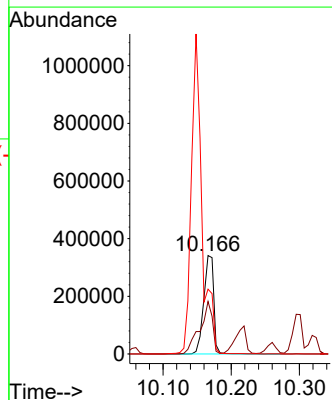
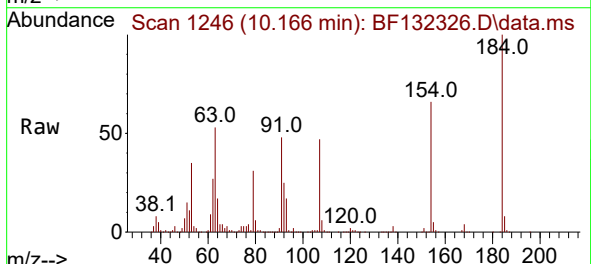
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

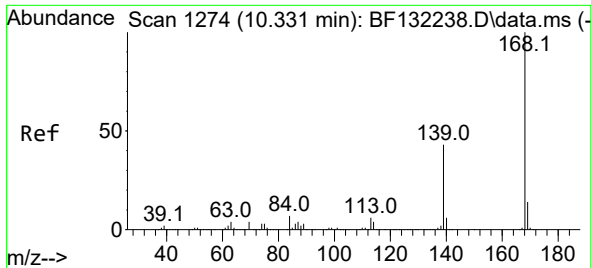
Tgt Ion:138 Resp: 136831
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 102.2 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 90.124 ng
RT: 10.166 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:184 Resp: 348243
Ion Ratio Lower Upper
184 100
63 53.4 41.6 62.4
154 65.9 57.0 85.6

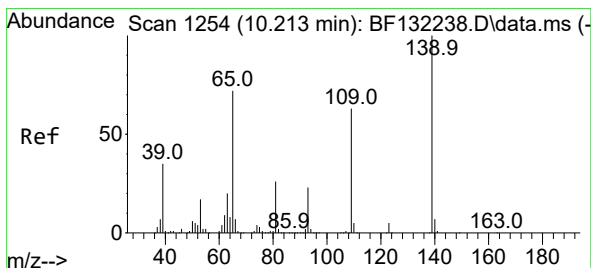
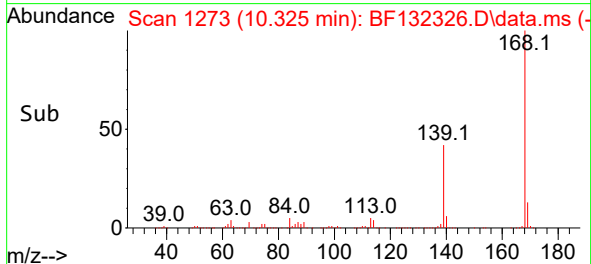
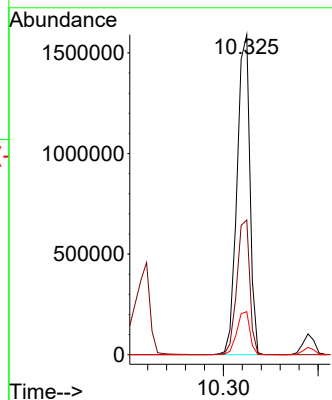
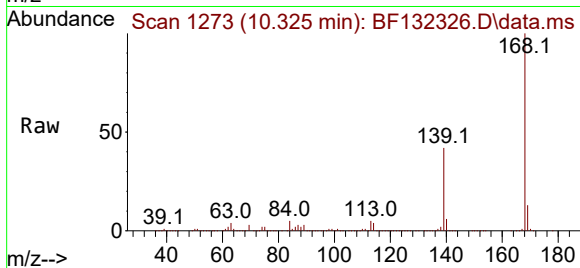




#55
Dibenzenofuran
Concen: 41.778 ng
RT: 10.325 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

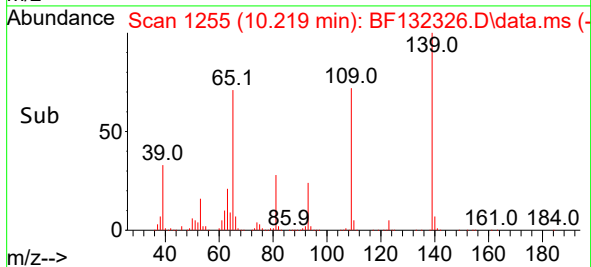
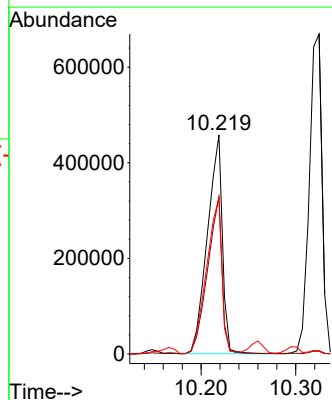
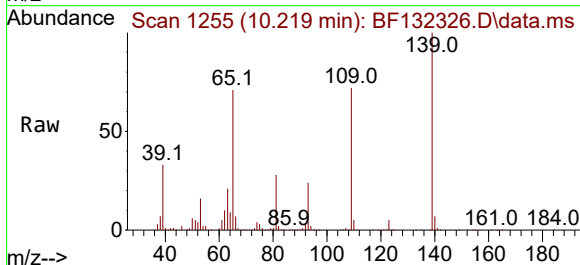
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

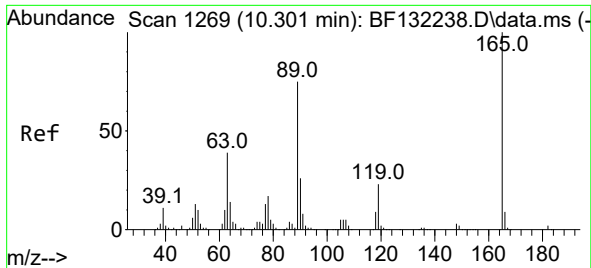
Tgt Ion:168 Resp: 1493144
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.5 11.2 16.8



#56
4-Nitrophenol
Concen: 83.289 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.012 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:139 Resp: 503428
Ion Ratio Lower Upper
139 100
109 71.6 43.3 83.3
65 71.3 52.3 92.3

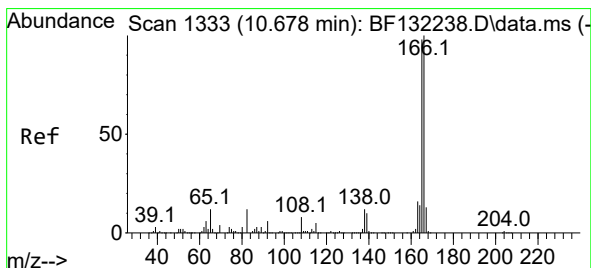
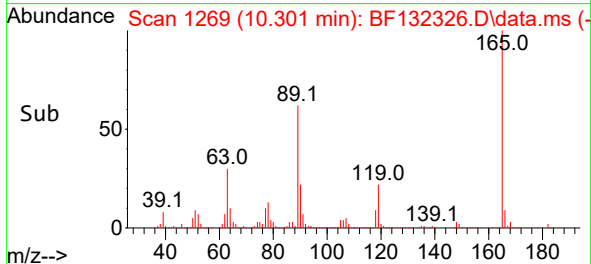
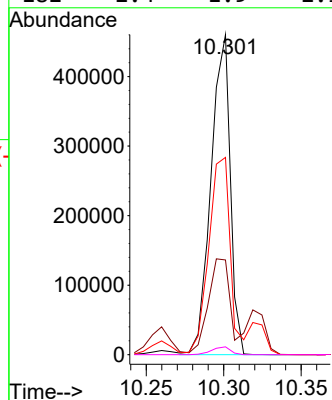
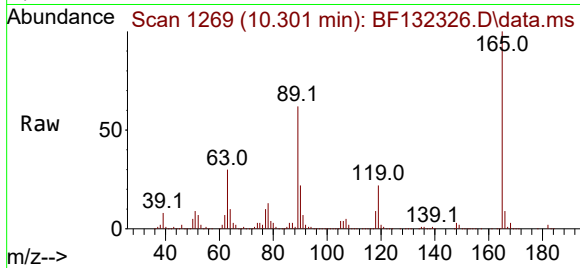




#57
2,4-Dinitrotoluene
Concen: 46.267 ng
RT: 10.301 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

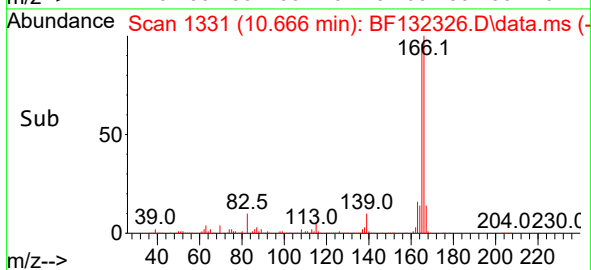
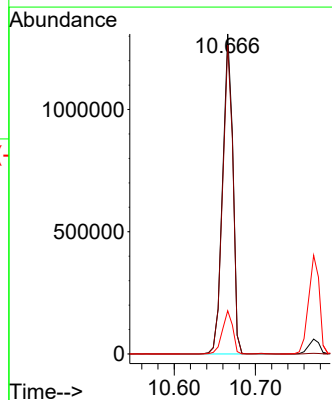
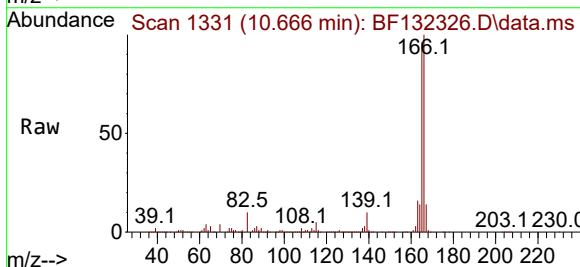
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

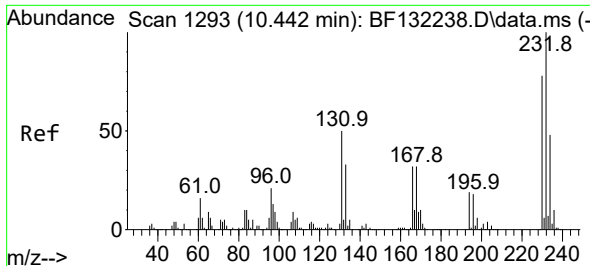
Tgt Ion:165 Resp: 398076
Ion Ratio Lower Upper
165 100
63 29.6 30.9 46.3#
89 61.6 60.1 90.1
182 2.4 1.9 2.9



#58
Fluorene
Concen: 41.829 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:166 Resp: 1150527
Ion Ratio Lower Upper
166 100
165 96.4 78.0 117.0
167 13.5 10.8 16.2

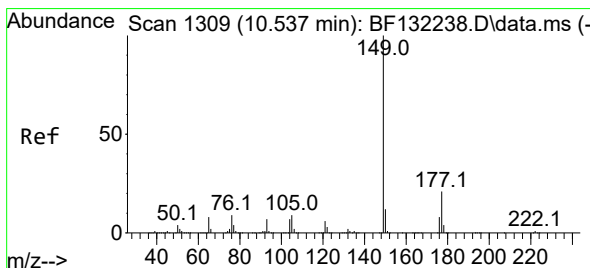
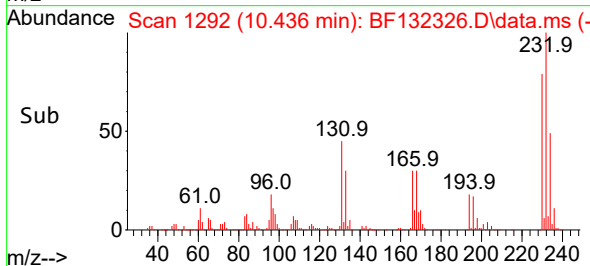
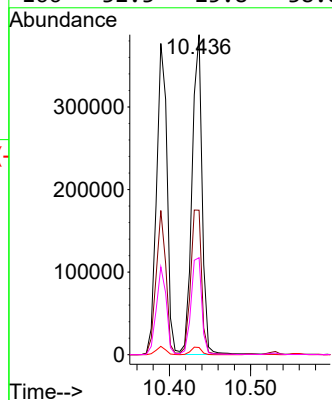
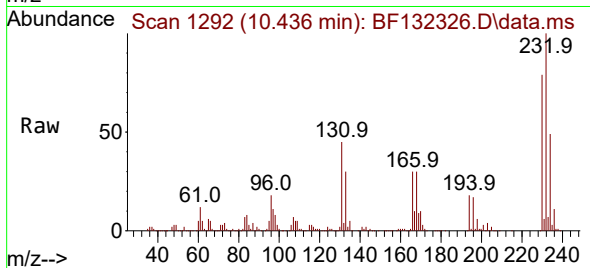




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.631 ng
RT: 10.436 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

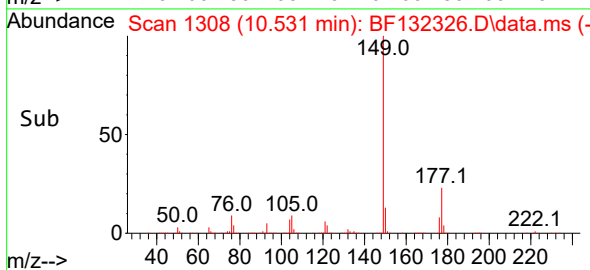
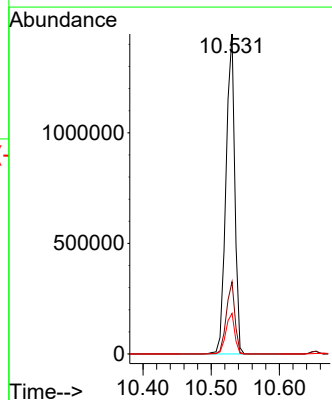
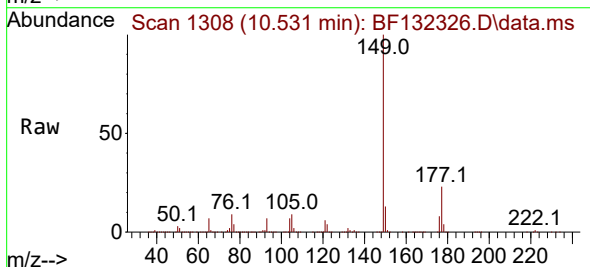
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

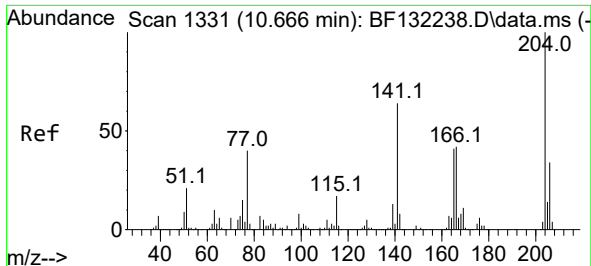
Tgt Ion:232 Resp: 333701
Ion Ratio Lower Upper
232 100
131 48.8 40.6 61.0
130 2.5 1.9 2.9
166 32.3 25.8 38.8



#60
Diethylphthalate
Concen: 44.034 ng
RT: 10.531 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:149 Resp: 1299112
Ion Ratio Lower Upper
149 100
177 22.5 17.1 25.7
150 12.7 9.9 14.9

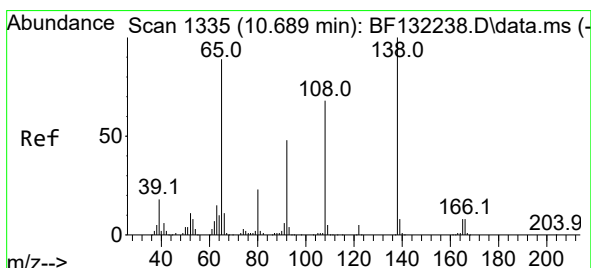
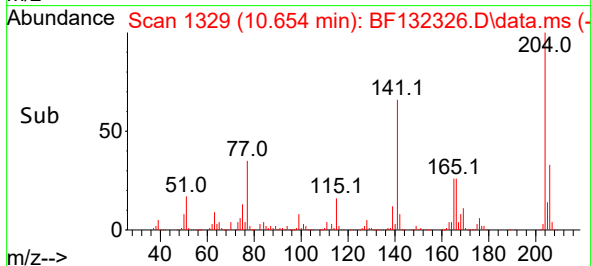
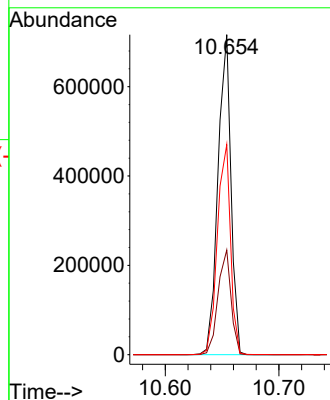
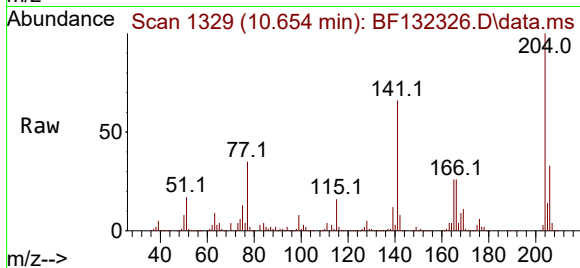




#61
4-Chlorophenyl-phenylether
Concen: 43.656 ng
RT: 10.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

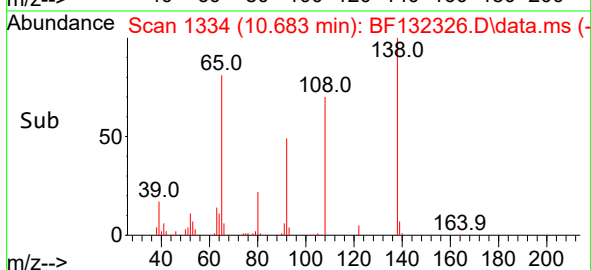
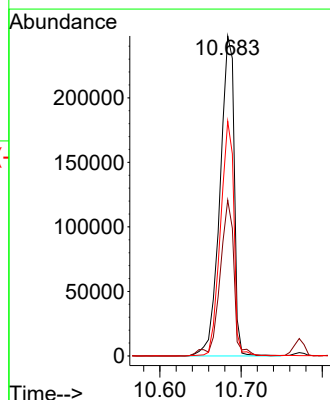
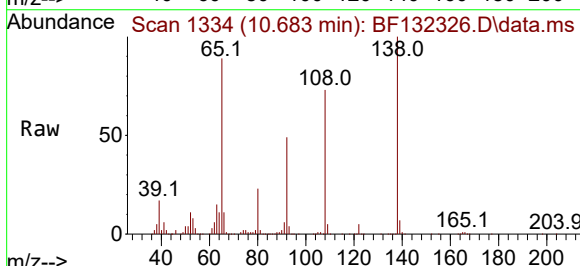
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

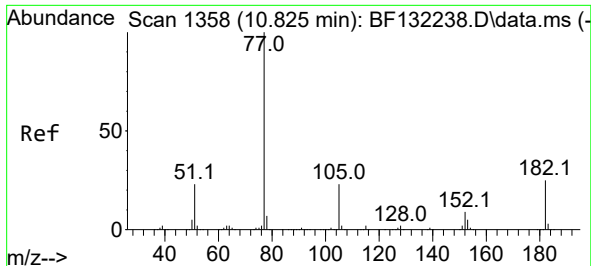
Tgt Ion:204 Resp: 569867
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 65.6 51.4 77.0



#62
4-Nitroaniline
Concen: 39.341 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:138 Resp: 303026
Ion Ratio Lower Upper
138 100
92 48.7 27.7 67.7
108 73.3 48.5 88.5

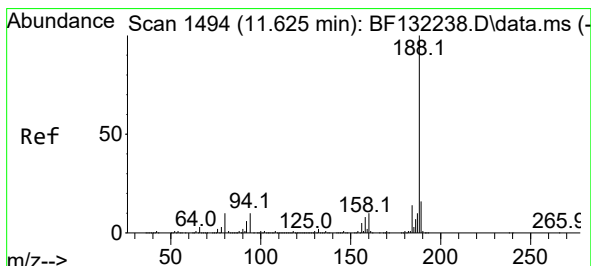
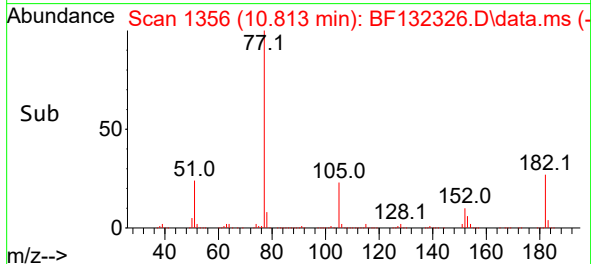
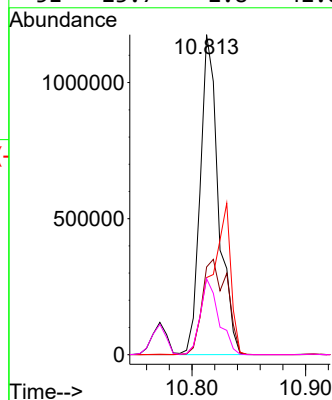
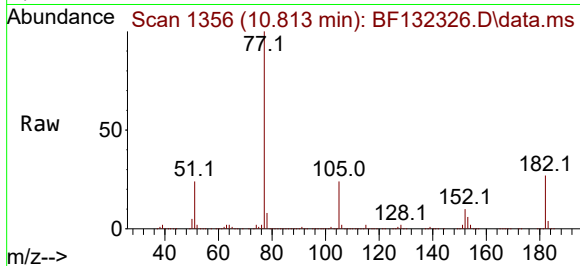




#63
Azobenzene
Concen: 45.584 ng
RT: 10.813 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

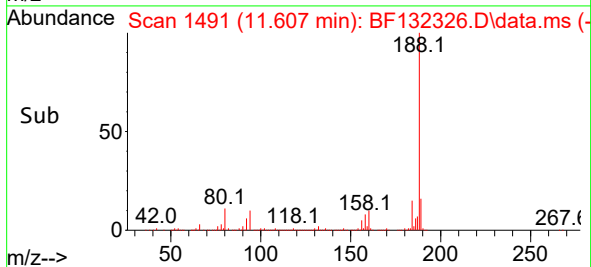
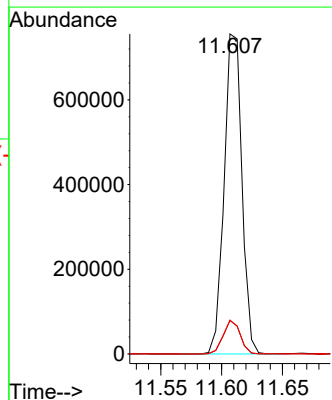
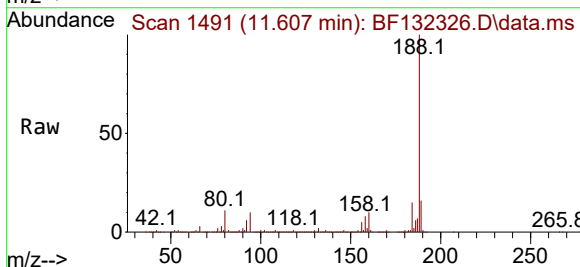
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

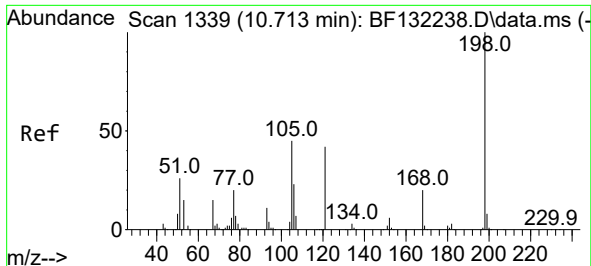
Tgt Ion: 77 Resp: 1309987
Ion Ratio Lower Upper
77 100
182 27.4 4.5 44.5
105 24.1 2.7 42.7
51 23.7 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 188 Resp: 768820
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.6 8.3 12.5

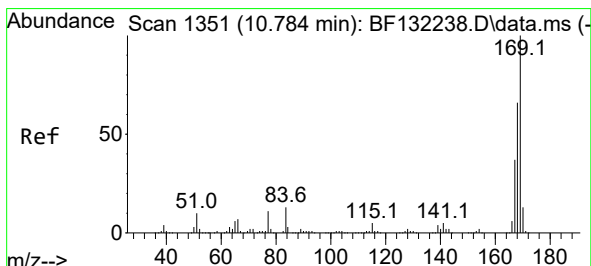
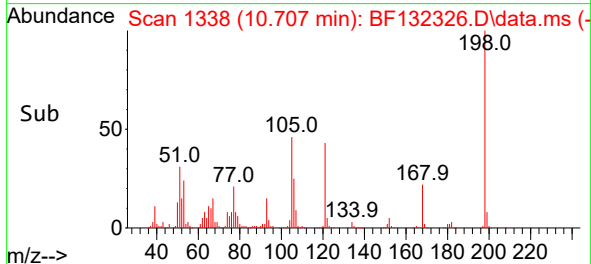
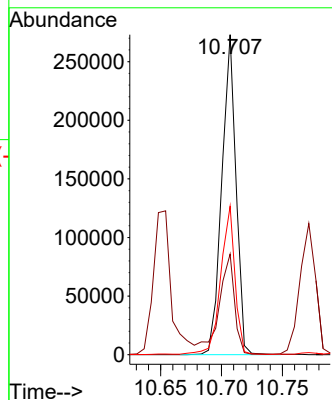
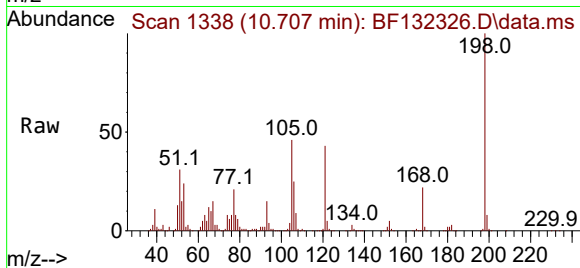




#65
4,6-Dinitro-2-methylphenol
Concen: 50.876 ng
RT: 10.707 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

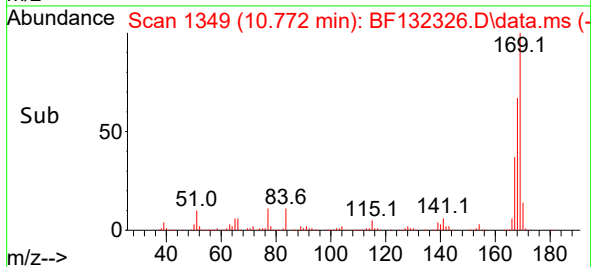
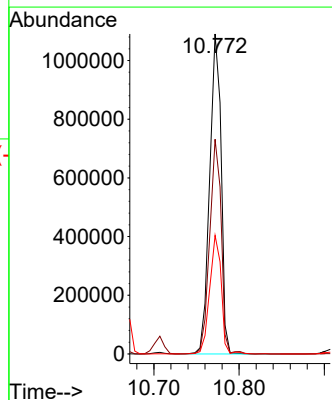
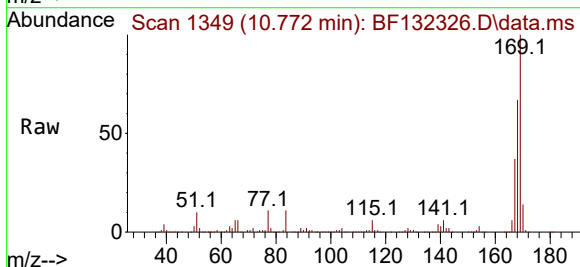
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

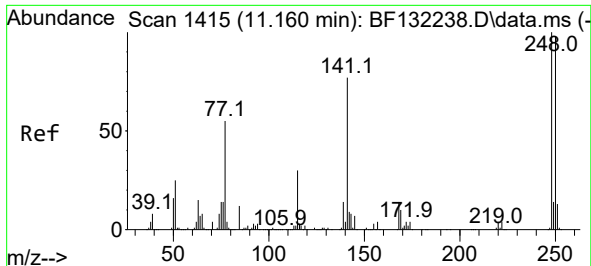
Tgt Ion:198 Resp: 221996
Ion Ratio Lower Upper
198 100
51 31.4 13.1 53.1
105 46.4 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 42.269 ng
RT: 10.772 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:169 Resp: 1017594
Ion Ratio Lower Upper
169 100
168 67.1 52.6 79.0
167 37.1 29.5 44.3

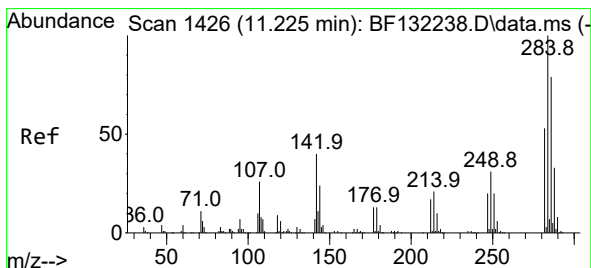
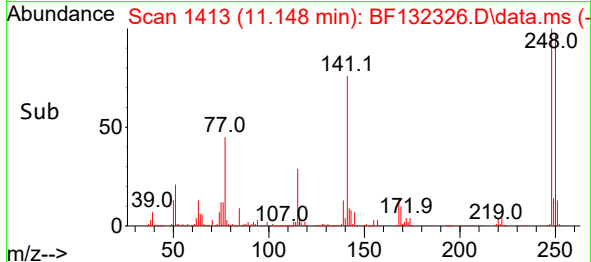
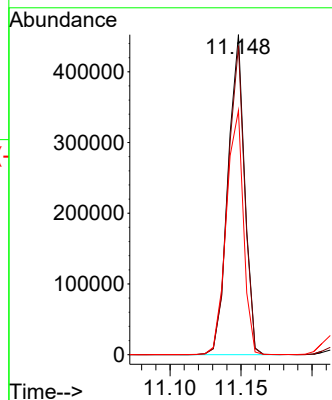
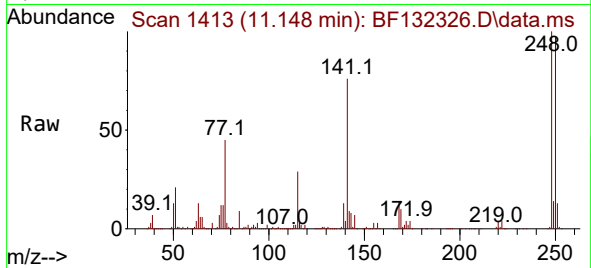




#67
4-Bromophenyl-phenylether
Concen: 46.852 ng
RT: 11.148 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

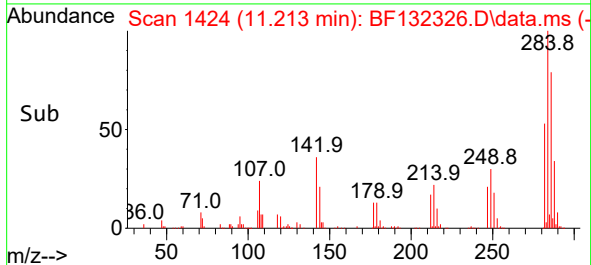
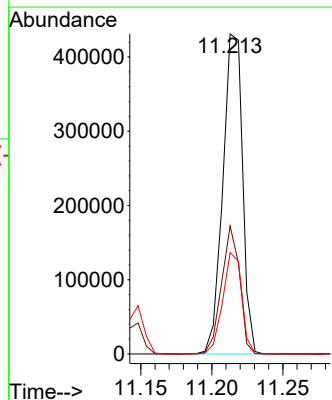
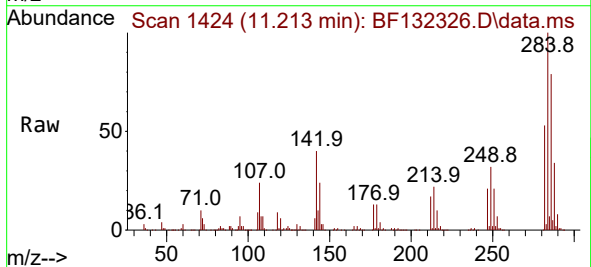
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

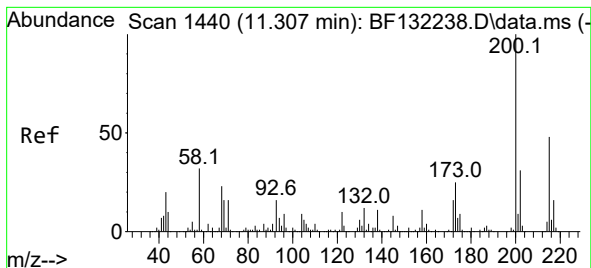
Tgt Ion:248 Resp: 368849
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 76.3 61.6 92.4



#68
Hexachlorobenzene
Concen: 49.501 ng
RT: 11.213 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:284 Resp: 416528
Ion Ratio Lower Upper
284 100
142 40.0 32.2 48.4
249 31.7 25.0 37.6





#69

Atrazine

Concen: 50.723 ng

RT: 11.295 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

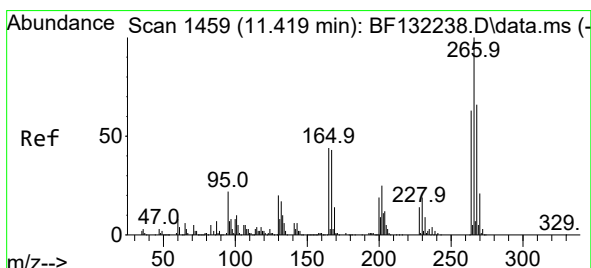
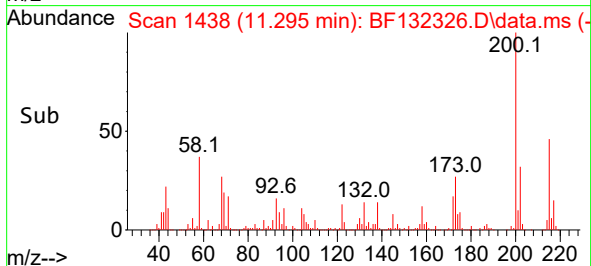
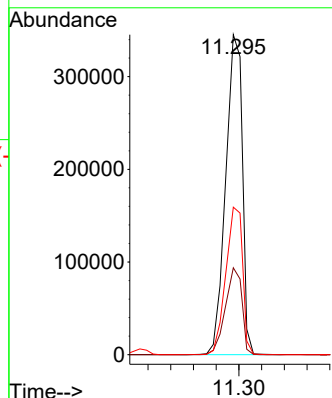
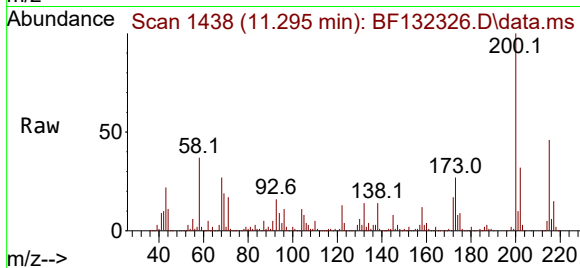
Tgt Ion:200 Resp: 351236

Ion Ratio Lower Upper

200 100

173 27.2 5.1 45.1

215 46.1 27.6 67.6



#70

Pentachlorophenol

Concen: 78.485 ng

RT: 11.407 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

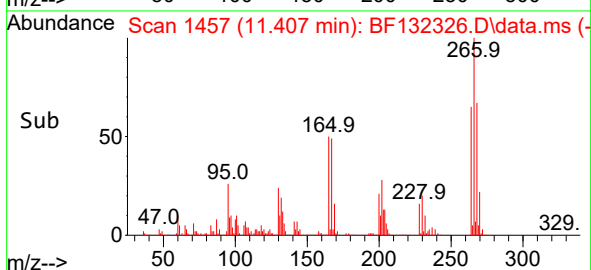
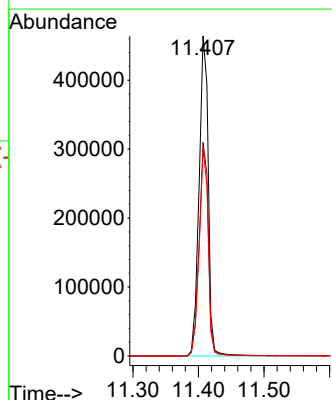
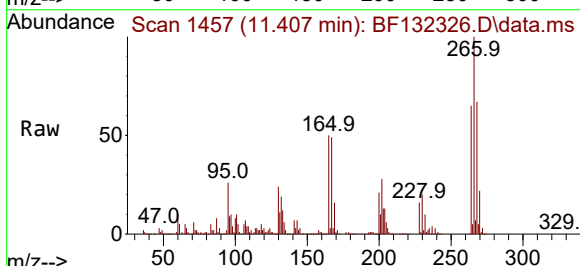
Tgt Ion:266 Resp: 453766

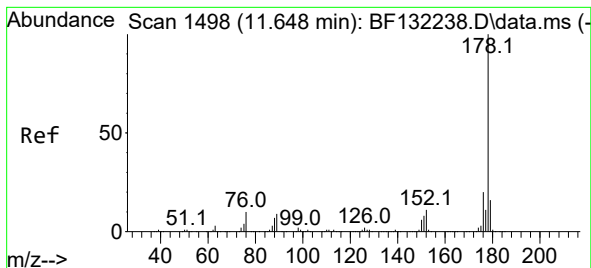
Ion Ratio Lower Upper

266 100

268 66.7 53.0 79.4

264 64.8 50.5 75.7





#71

Phenanthrene

Concen: 42.294 ng

RT: 11.636 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

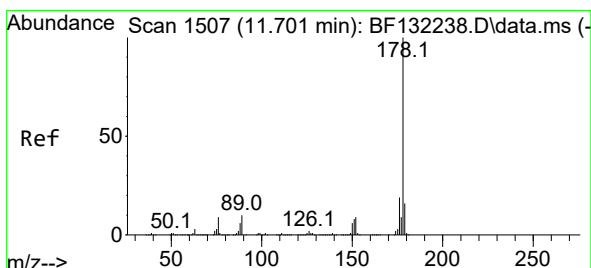
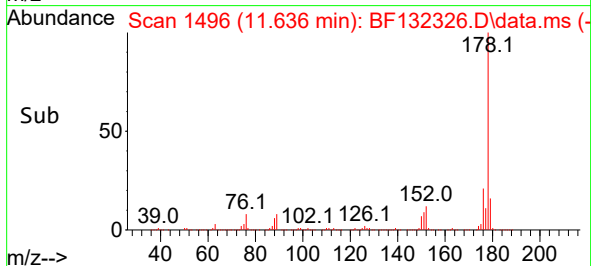
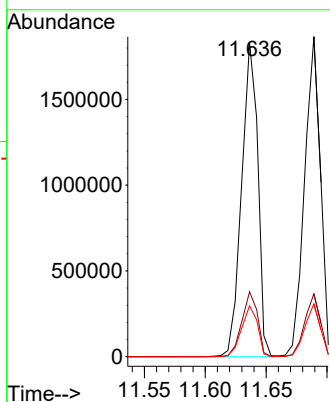
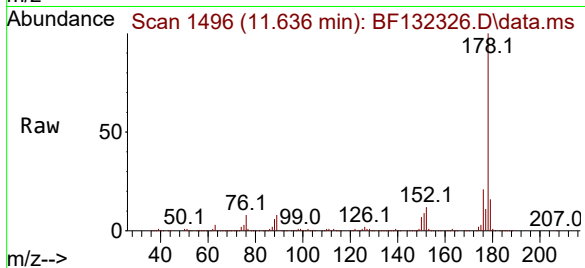
Tgt Ion:178 Resp: 1699179

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

179 16.2 12.8 19.2



#72

Anthracene

Concen: 41.562 ng

RT: 11.689 min Scan# 1505

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

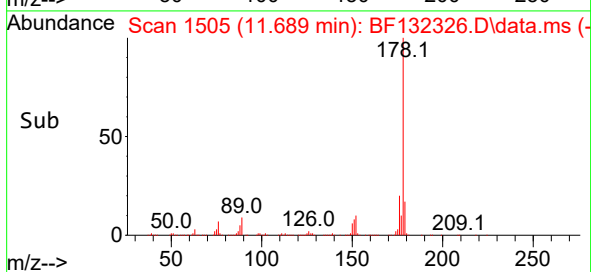
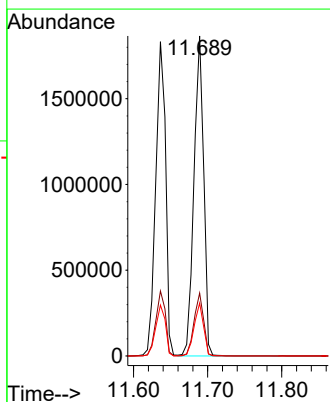
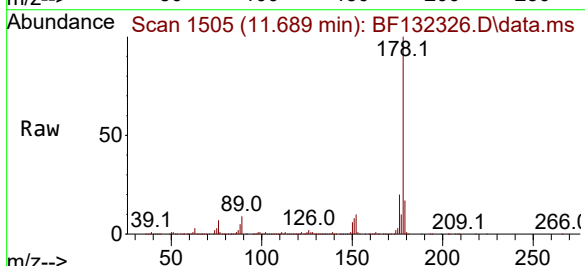
Tgt Ion:178 Resp: 1699312

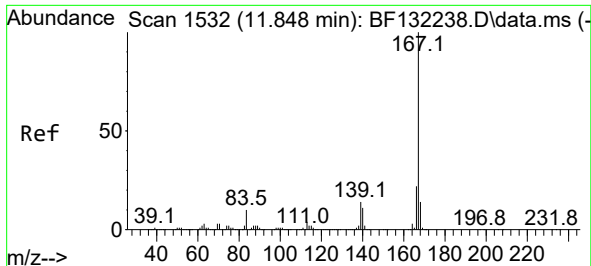
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 16.5 12.8 19.2

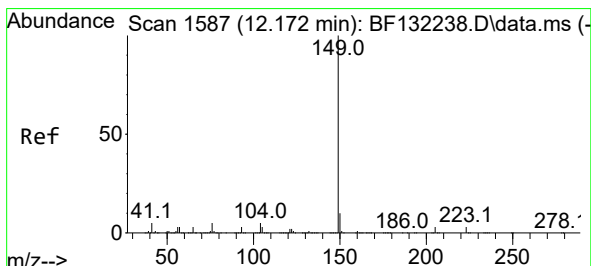
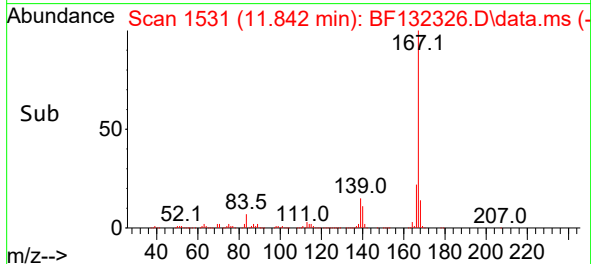
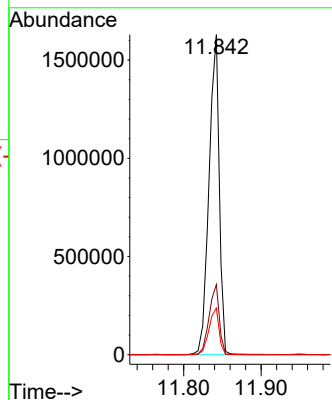
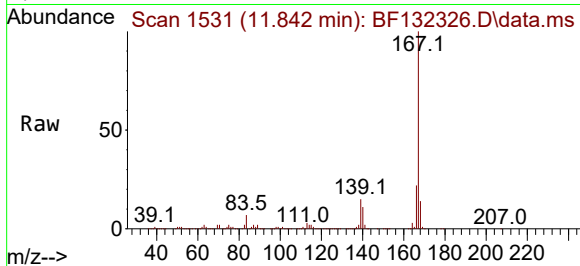




#73
 Carbazole
 Concen: 40.844 ng
 RT: 11.842 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF132326.D
 Acq: 03 Feb 2023 17:31

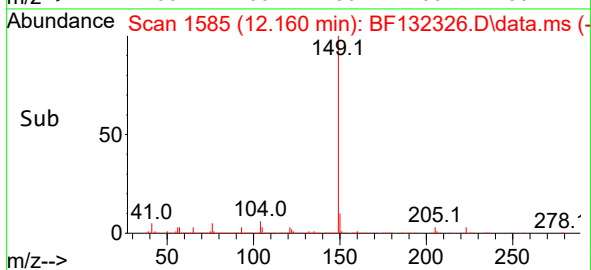
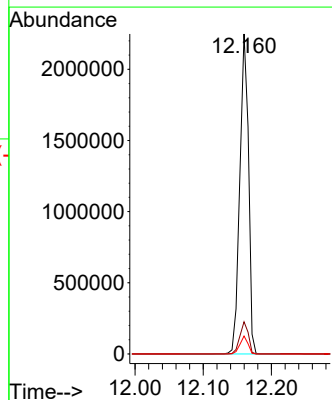
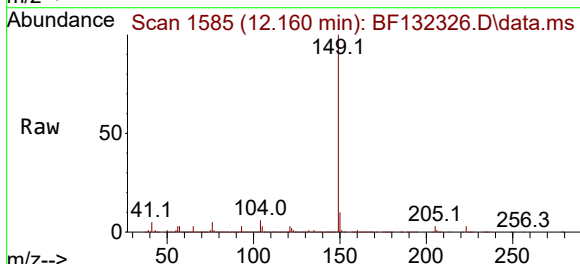
Instrument :
 BNA_F
 ClientSampleId :
 4-RAMP-EMS

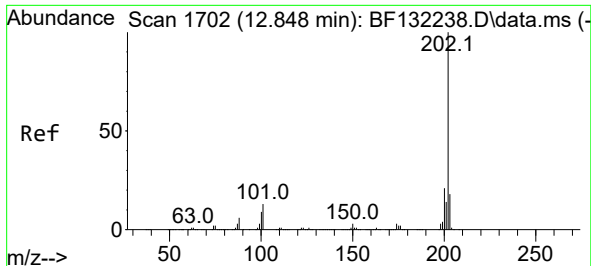
Tgt Ion:167 Resp: 1497362
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.6 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 45.956 ng
 RT: 12.160 min Scan# 1585
 Delta R.T. 0.000 min
 Lab File: BF132326.D
 Acq: 03 Feb 2023 17:31

Tgt Ion:149 Resp: 1991789
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 5.6 4.3 6.5

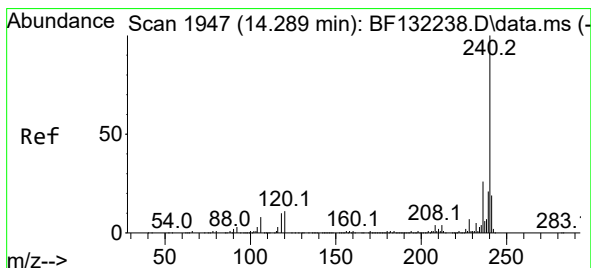
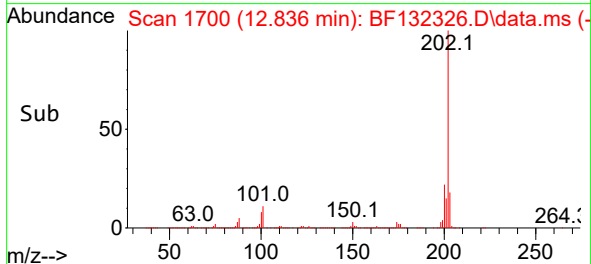
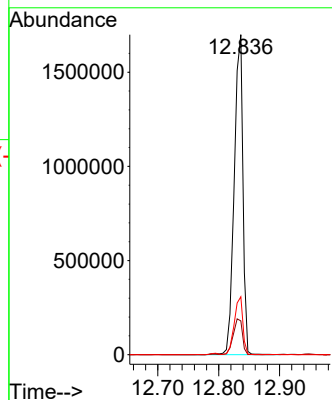
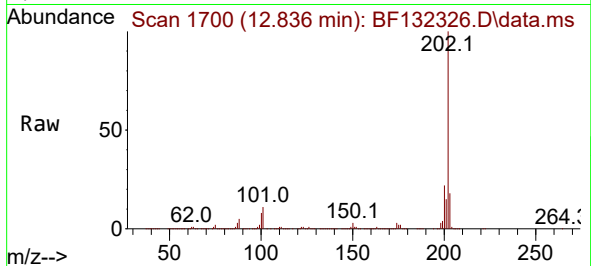




#75
Fluoranthene
Concen: 40.923 ng
RT: 12.836 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

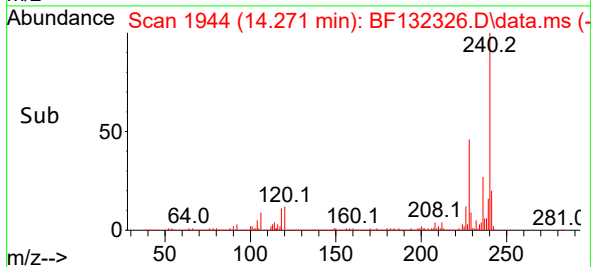
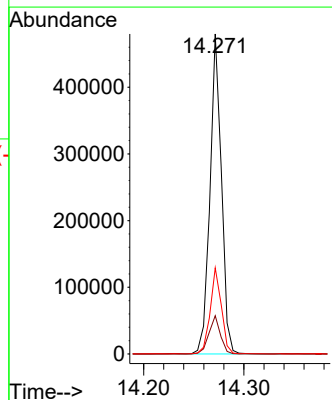
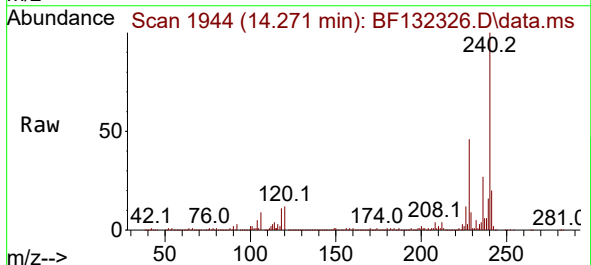
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

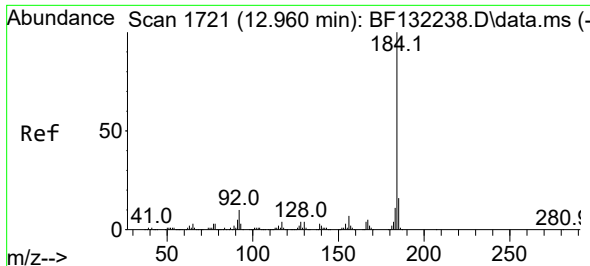
Tgt Ion:202 Resp: 1677735
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.7
203 18.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:240 Resp: 379659
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 26.9 21.0 31.6

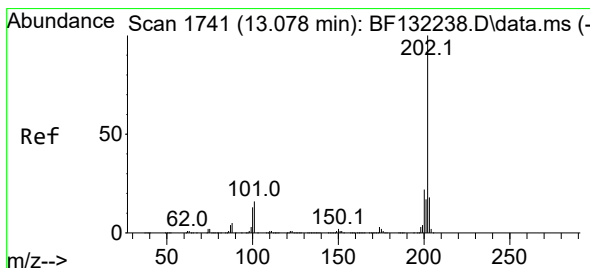
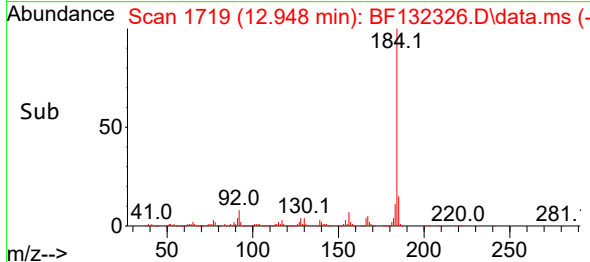
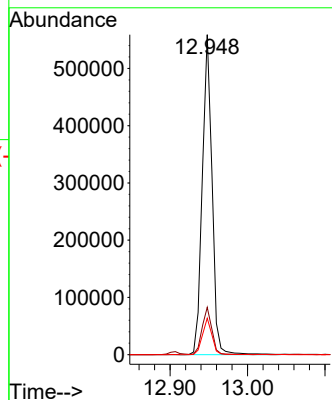
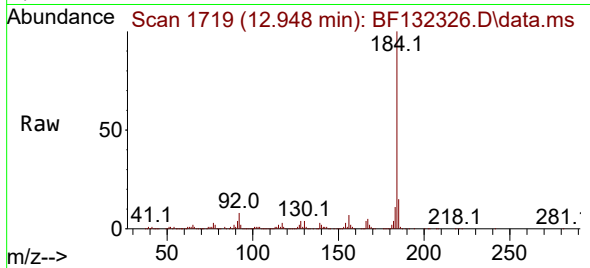




#77
Benzidine
Concen: 36.829 ng
RT: 12.948 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

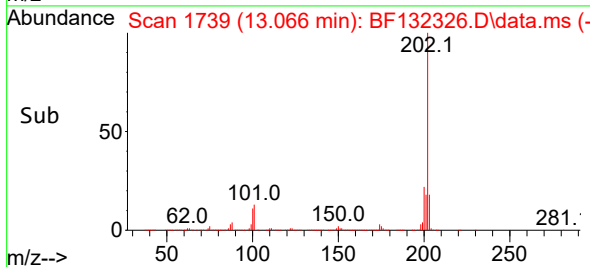
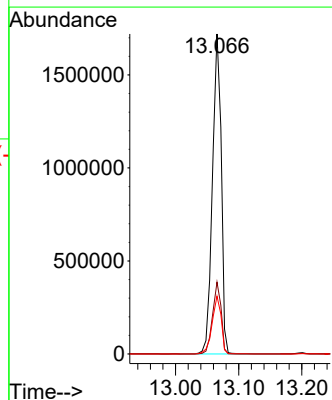
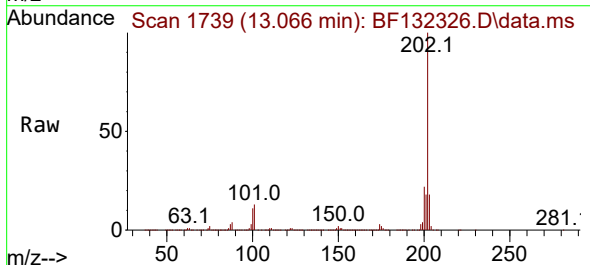
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

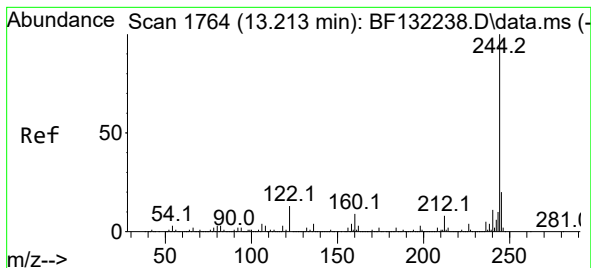
Tgt Ion:184 Resp: 488839
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.4 8.9 13.3



#78
Pyrene
Concen: 54.312 ng
RT: 13.066 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:202 Resp: 1658488
Ion Ratio Lower Upper
202 100
200 22.4 17.3 25.9
203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 79.749 ng

RT: 13.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

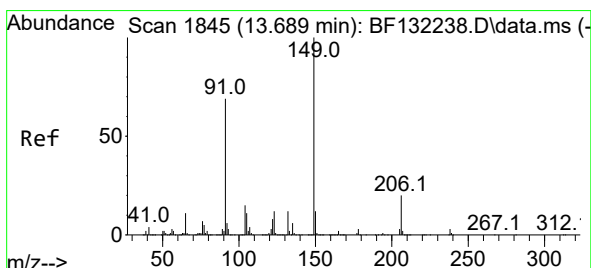
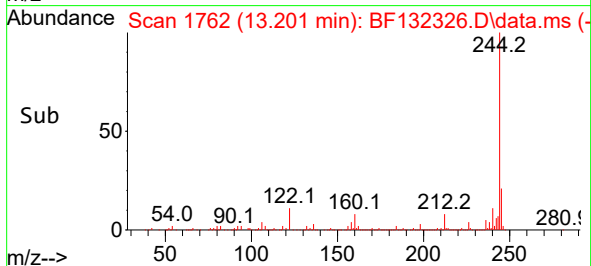
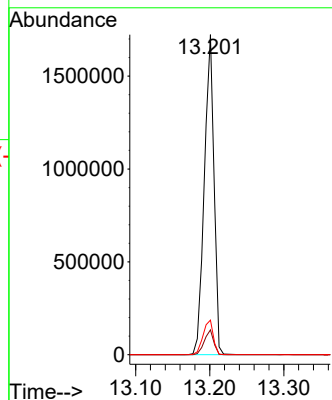
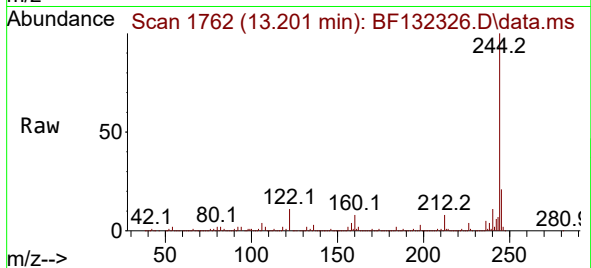
Tgt Ion:244 Resp: 1565198

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 10.8 10.5 15.7



#80

Butylbenzylphthalate

Concen: 55.941 ng

RT: 13.672 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

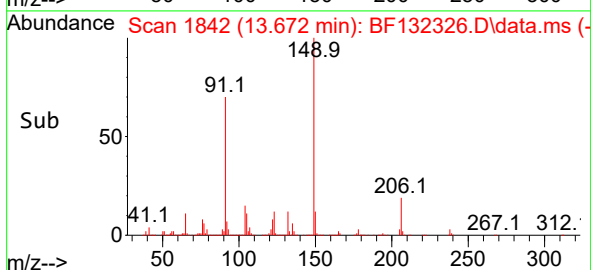
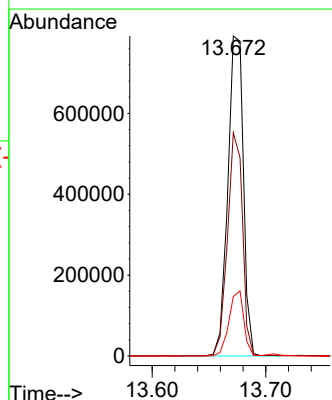
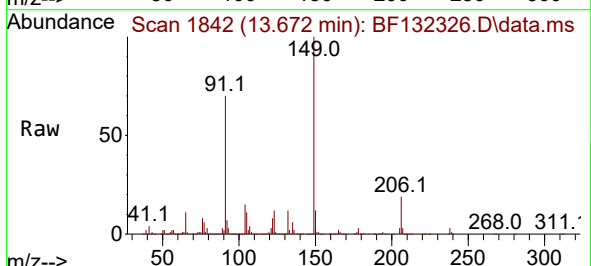
Tgt Ion:149 Resp: 754720

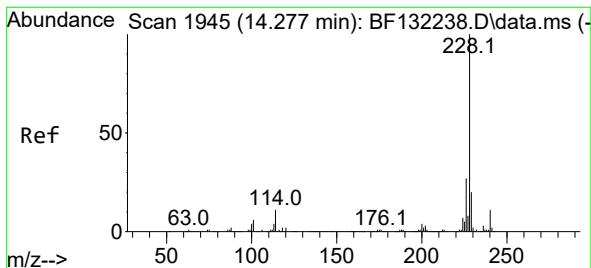
Ion Ratio Lower Upper

149 100

91 69.7 55.0 82.6

206 18.5 15.9 23.9





#81

Benzo(a)anthracene

Concen: 45.589 ng

RT: 14.260 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

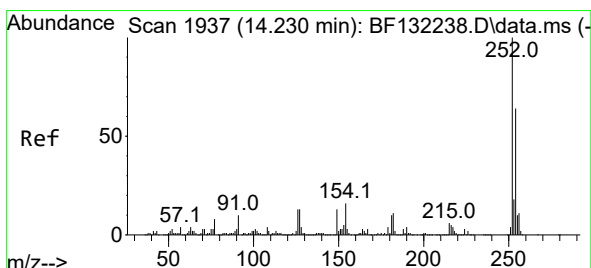
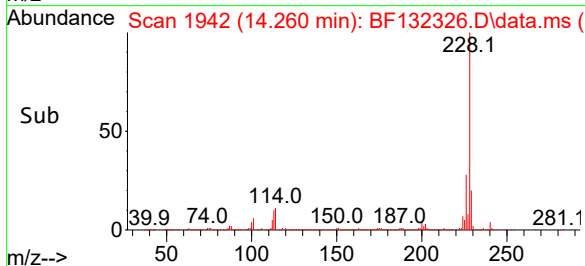
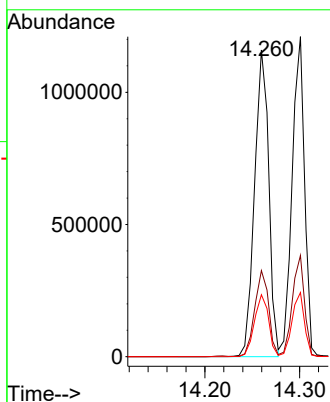
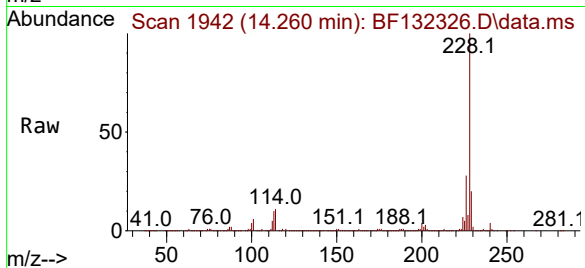
Tgt Ion:228 Resp: 1210569

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 15.759 ng

RT: 14.219 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

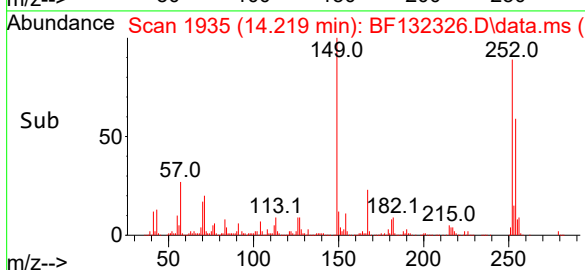
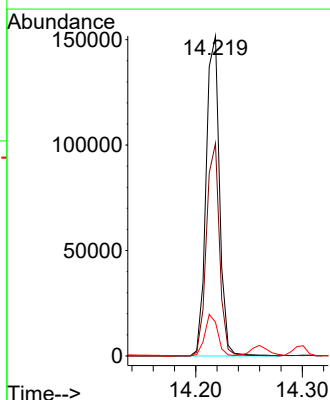
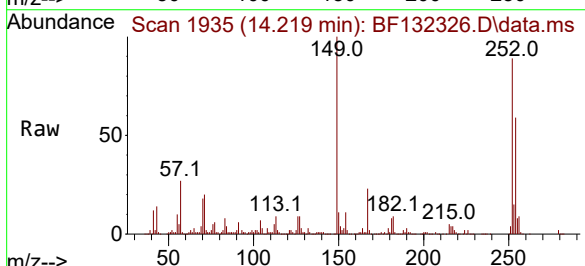
Tgt Ion:252 Resp: 133278

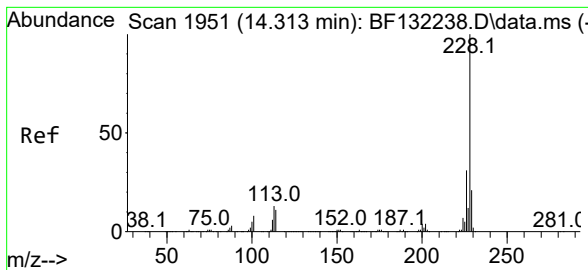
Ion Ratio Lower Upper

252 100

254 66.5 51.6 77.4

126 10.6 10.5 15.7





#83

Chrysene

Concen: 44.304 ng

RT: 14.301 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

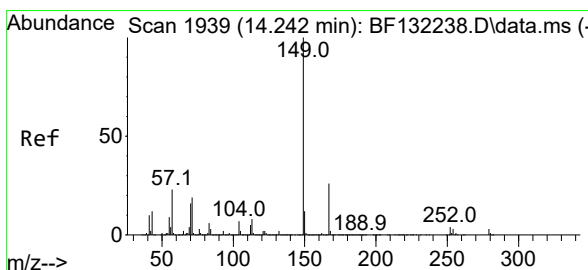
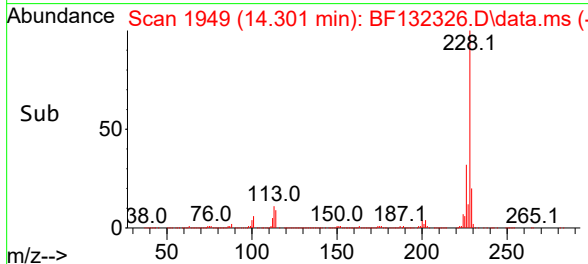
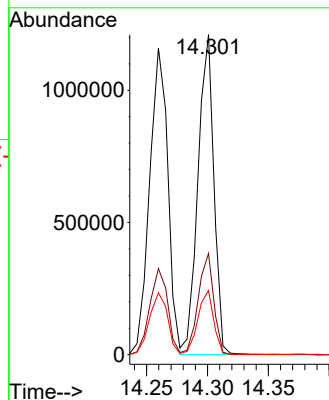
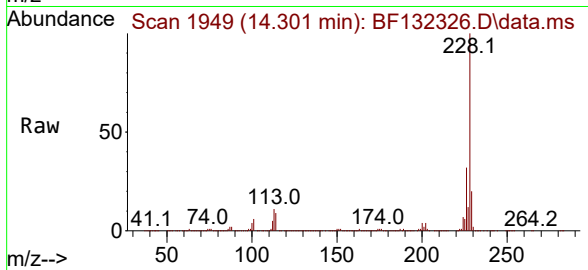
Tgt Ion:228 Resp: 1101591

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.470 ng

RT: 14.230 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

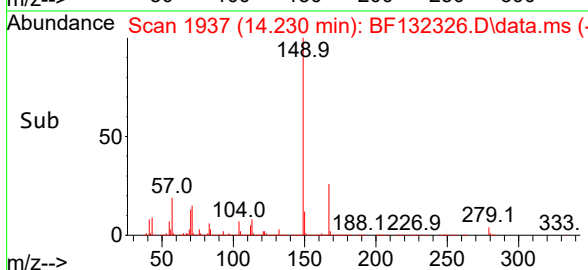
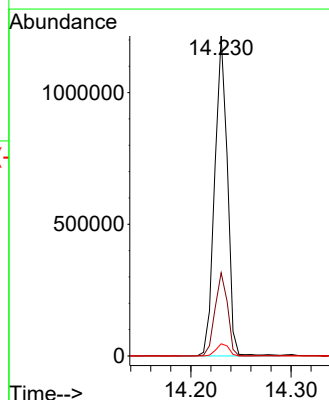
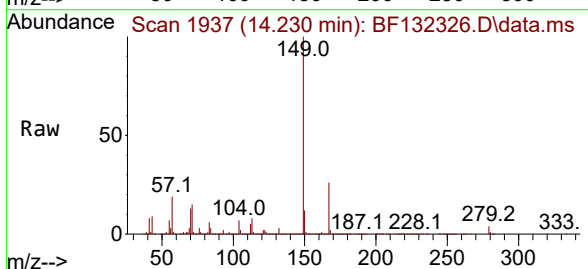
Tgt Ion:149 Resp: 1066243

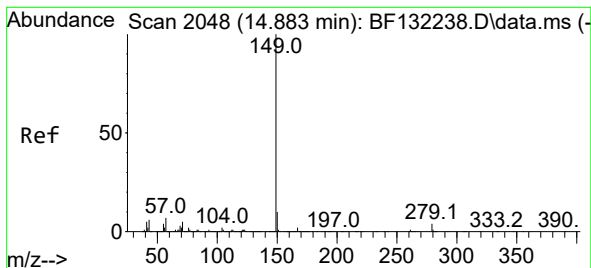
Ion Ratio Lower Upper

149 100

167 26.0 20.7 31.1

279 3.8 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 48.880 ng

RT: 14.866 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

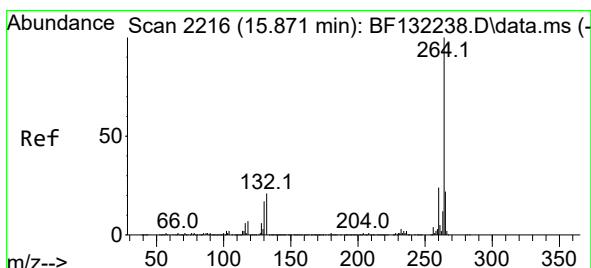
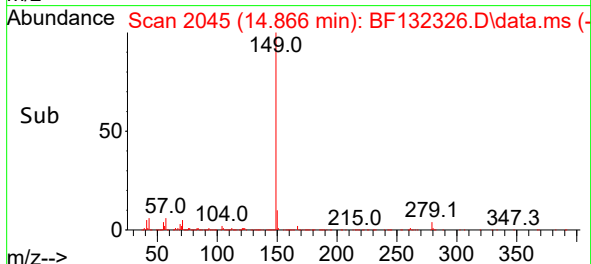
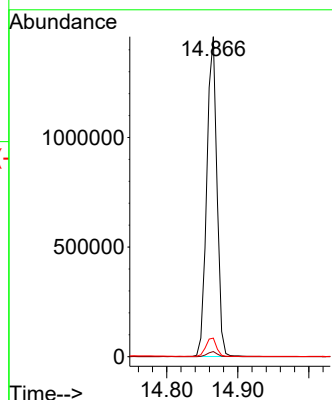
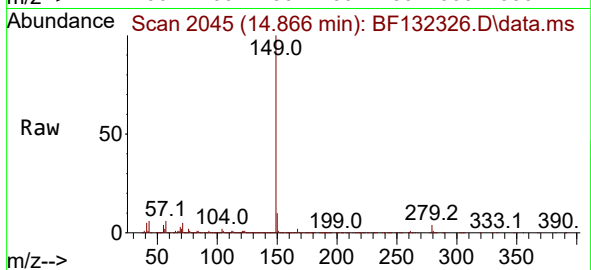
Tgt Ion:149 Resp: 1453862

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 6.0 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.848 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

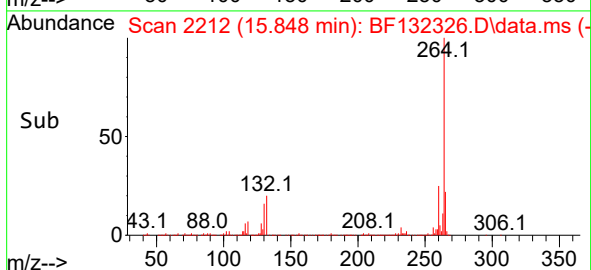
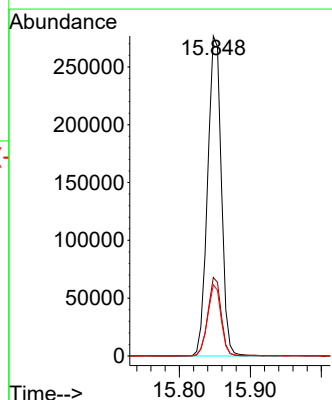
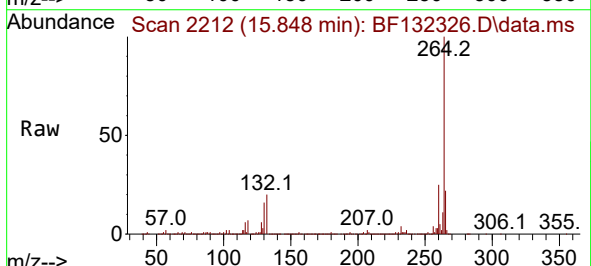
Tgt Ion:264 Resp: 372229

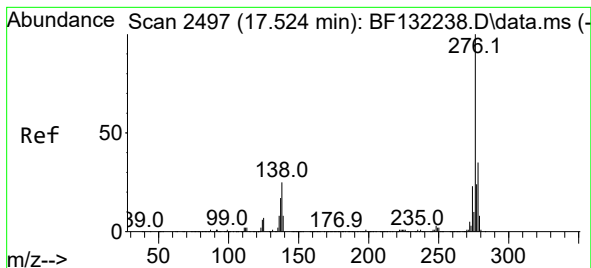
Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 22.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.513 ng

RT: 17.501 min Scan# 2493

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

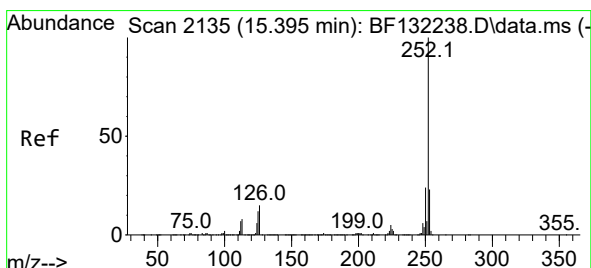
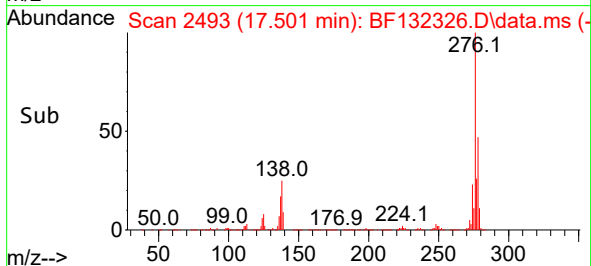
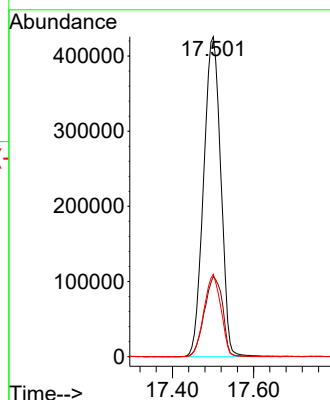
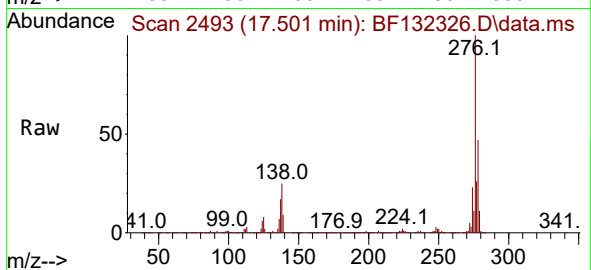
Tgt Ion:276 Resp: 1249357

Ion Ratio Lower Upper

276 100

138 26.6 23.3 34.9

277 25.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.768 ng

RT: 15.377 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

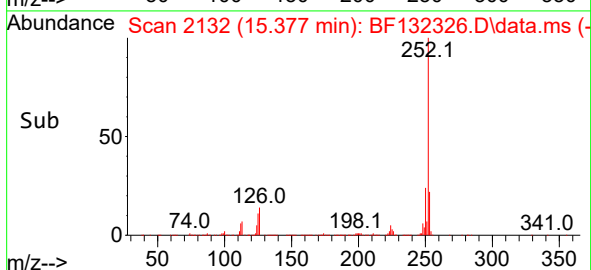
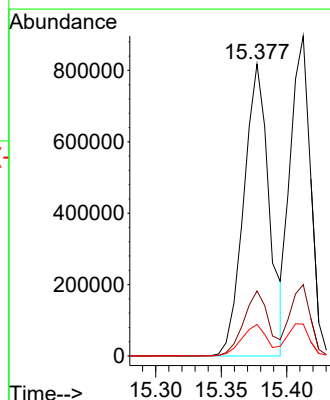
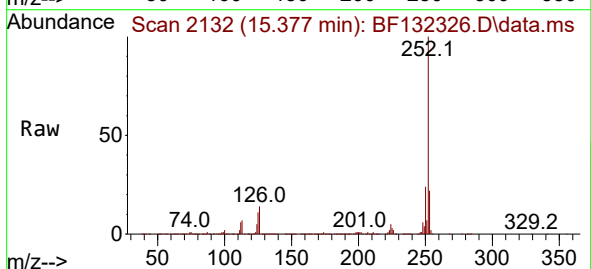
Tgt Ion:252 Resp: 1106552

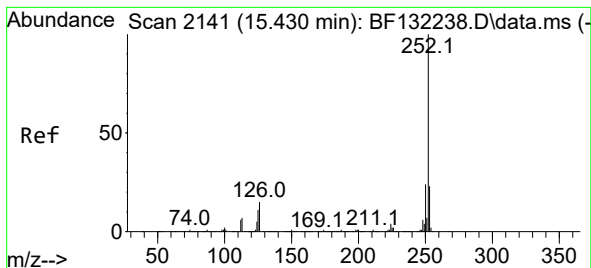
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 10.8 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 42.740 ng

RT: 15.413 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

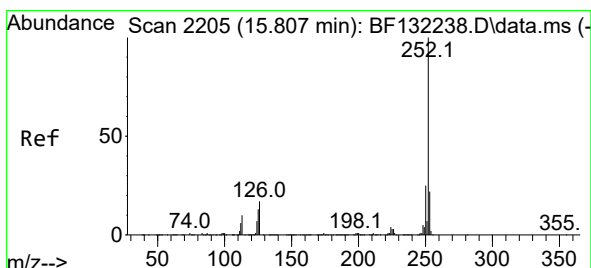
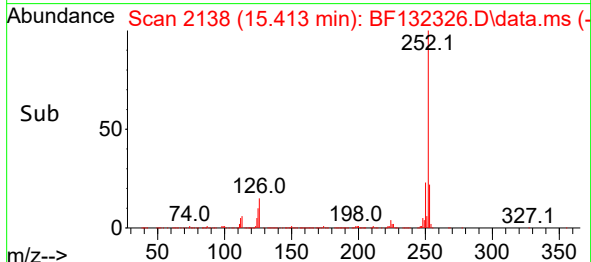
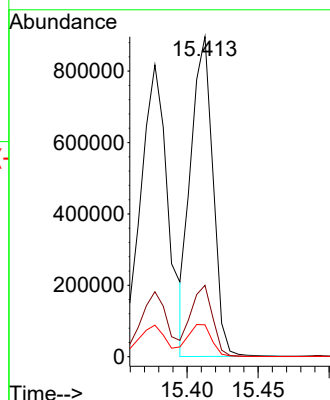
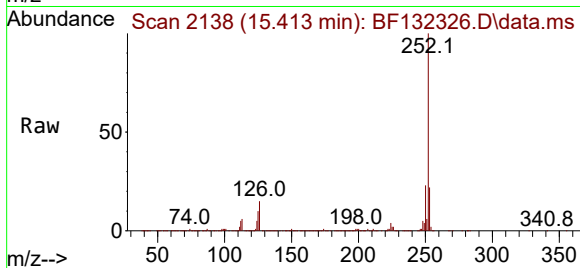
Tgt Ion:252 Resp: 965276

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 9.9 9.0 13.6



#90

Benzo(a)pyrene

Concen: 42.151 ng

RT: 15.783 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

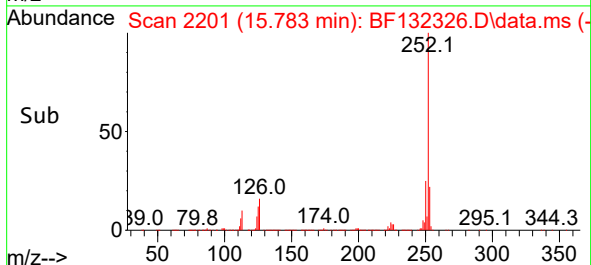
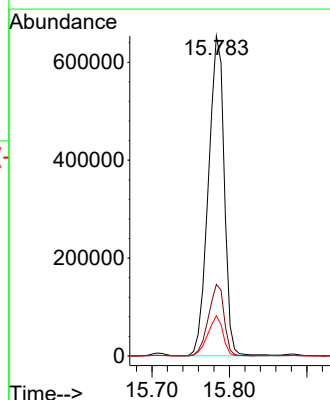
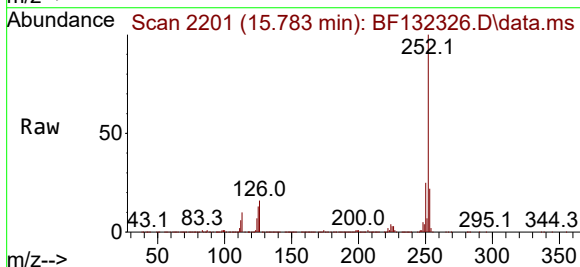
Tgt Ion:252 Resp: 928705

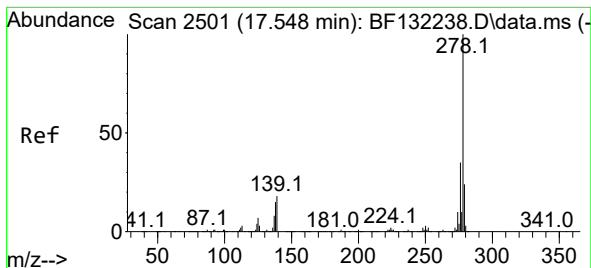
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 12.5 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 51.444 ng

RT: 17.518 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

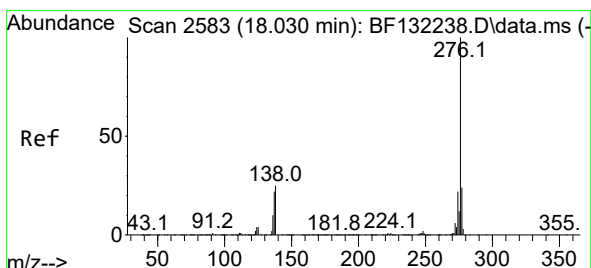
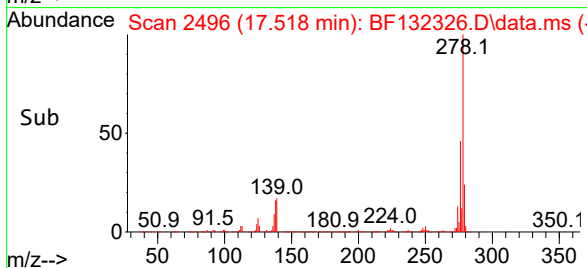
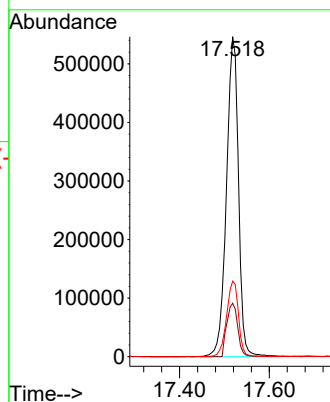
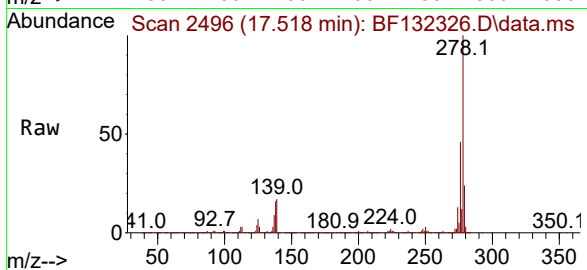
Tgt Ion:278 Resp: 1022972

Ion Ratio Lower Upper

278 100

139 16.7 14.2 21.2

279 23.6 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 49.588 ng

RT: 18.001 min Scan# 2578

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Tgt Ion:276 Resp: 1018704

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 23.8 20.3 30.5

