

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135515.D
 Acq On : 29 Sep 2023 14:41
 Operator : CG\JU
 Sample : 04620-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-INMSD

Quant Time: Sep 30 00:20:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	162804	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	616512	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	292342	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	492769	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	252247	20.000	ng	0.00
86) Perylene-d12	15.392	264	296439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1312821	131.154	ng	0.02
7) Phenol-d6	6.404	99	1547466	121.579	ng	0.00
23) Nitrobenzene-d5	7.322	82	1105213	97.396	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	326799	112.489	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1740045	89.800	ng	0.00
79) Terphenyl-d14	12.868	244	1406250	86.422	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	221545	50.488	ng	95
3) Pyridine	3.393	79	443526	37.555	ng	95
4) n-Nitrosodimethylamine	3.322	42	339319	54.143	ng	91
6) Aniline	6.422	93	349419	20.935	ng	# 1
8) 2-Chlorophenol	6.539	128	558515	52.268	ng	99
9) Benzaldehyde	6.310	77	84535	11.659	ng	96
10) Phenol	6.422	94	596323	42.726	ng	97
11) bis(2-Chloroethyl)ether	6.492	93	574496	54.875	ng	98
12) 1,3-Dichlorobenzene	6.692	146	523724	48.227	ng	97
13) 1,4-Dichlorobenzene	6.769	146	529598	47.934	ng	99
14) 1,2-Dichlorobenzene	6.916	146	491321	47.885	ng	98
15) Benzyl Alcohol	6.904	79	475298	52.039	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	991257	50.232	ng	77
17) 2-Methylphenol	7.016	107	427781	45.366	ng	# 95
18) Hexachloroethane	7.251	117	186613	45.712	ng	91
19) n-Nitroso-di-n-propyla...	7.169	70	368466	46.738	ng	94
20) 3+4-Methylphenols	7.175	107	513141	45.256	ng	# 70
22) Acetophenone	7.163	105	718694	50.989	ng	# 93
24) Nitrobenzene	7.339	77	578794	51.604	ng	96
25) Isophorone	7.575	82	1102954	52.932	ng	98
26) 2-Nitrophenol	7.651	139	273583	50.823	ng	93
27) 2,4-Dimethylphenol	7.692	122	439638	48.588	ng	97
28) bis(2-Chloroethoxy)met...	7.780	93	693249	55.585	ng	99
29) 2,4-Dichlorophenol	7.898	162	437934	52.233	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	448441	51.171	ng	99
31) Naphthalene	8.051	128	1493761	49.868	ng	100
32) Benzoic acid	7.839	122	297314	43.636	ng	99
33) 4-Chloroaniline	8.104	127	167044	12.710	ng	99
34) Hexachlorobutadiene	8.157	225	249912	47.294	ng	99
35) Caprolactam	8.486	113	82302	29.248	ng	97
36) 4-Chloro-3-methylphenol	8.604	107	465298	49.933	ng	98
37) 2-Methylnaphthalene	8.739	142	936657	46.518	ng	97
38) 1-Methylnaphthalene	8.839	142	895477	47.502	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	437814	51.694	ng	99
41) Hexachlorocyclopentadiene	8.886	237	161164	46.584	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	285115	51.416	ng	98

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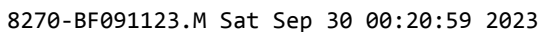
Instrument :
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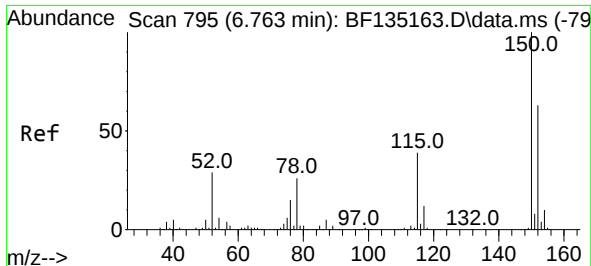
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	297211	46.541	ng	97
46) 1,1'-Biphenyl	9.204	154	1165923	51.897	ng	98
47) 2-Chloronaphthalene	9.233	162	862954	52.941	ng	99
48) 2-Nitroaniline	9.339	65	342337	54.059	ng	98
49) Acenaphthylene	9.645	152	1369067	50.538	ng	99
50) Dimethylphthalate	9.516	163	1046803	52.962	ng	100
51) 2,6-Dinitrotoluene	9.580	165	220294	50.877	ng	97
52) Acenaphthene	9.816	154	799593	49.964	ng	98
53) 3-Nitroaniline	9.751	138	160250	31.529	ng	98
54) 2,4-Dinitrophenol	9.869	184	137867	57.955	ng	92
55) Dibenzofuran	9.992	168	1120137	45.868	ng	100
56) 4-Nitrophenol	9.933	139	226300	70.056	ng	94
57) 2,4-Dinitrotoluene	9.992	165	233059	42.994	ng	# 83
58) Fluorene	10.339	166	886091	47.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	229931	46.807	ng	100
60) Diethylphthalate	10.216	149	1007850	50.809	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	416234	46.154	ng	95
62) 4-Nitroaniline	10.374	138	219833	44.996	ng	94
63) Azobenzene	10.486	77	992293	51.113	ng	95
65) 4,6-Dinitro-2-methylph...	10.404	198	100107	38.249	ng	95
66) n-Nitrosodiphenylamine	10.451	169	832930	55.832	ng	98
67) 4-Bromophenyl-phenylether	10.821	248	255855	52.205	ng	98
68) Hexachlorobenzene	10.886	284	263833	52.841	ng	94
69) Atrazine	10.986	200	242300	60.362	ng	99
70) Pentachlorophenol	11.086	266	225724	75.562	ng	97
71) Phenanthrene	11.304	178	1198631	51.430	ng	99
72) Anthracene	11.351	178	1221918	51.007	ng	100
73) Carbazole	11.516	167	1128043	51.727	ng	99
74) Di-n-butylphthalate	11.845	149	1453839	56.576	ng	99
75) Fluoranthene	12.492	202	1164869	47.968	ng	97
77) Benzidine	12.621	184	175811	34.021	ng	99
78) Pyrene	12.727	202	1166633	48.578	ng	99
80) Butylbenzylphthalate	13.345	149	505634	59.799	ng	93
81) Benzo(a)anthracene	13.921	228	877644	53.882	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	184953	36.353	ng	98
83) Chrysene	13.957	228	857807	52.970	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	644850	74.318	ng	99
85) Di-n-octyl phthalate	14.527	149	1108007	80.353	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	877202	45.132	ng	96
88) Benzo(b)fluoranthene	14.968	252	916342	57.103	ng	# 96
89) Benzo(k)fluoranthene	14.998	252	760796	47.994	ng	# 97
90) Benzo(a)pyrene	15.333	252	772509	50.480	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	729743	45.886	ng	99
92) Benzo(g,h,i)perylene	17.321	276	691829	41.654	ng	97

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

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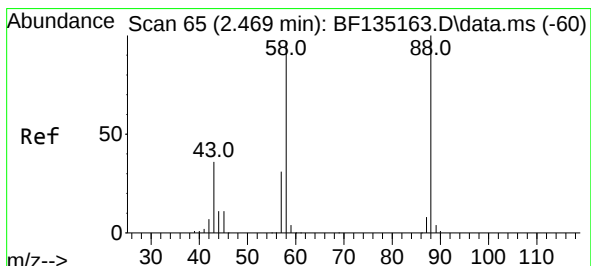
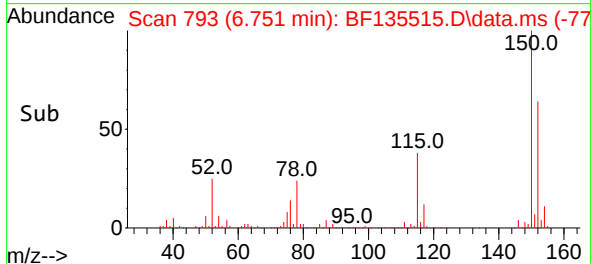
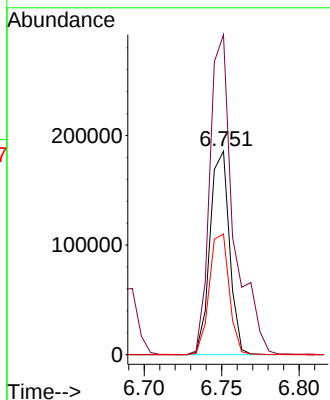
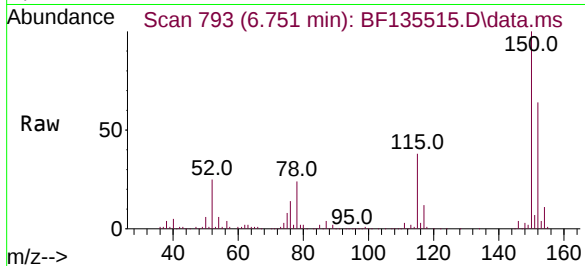




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135515.D
 Acq: 29 Sep 2023 14:41

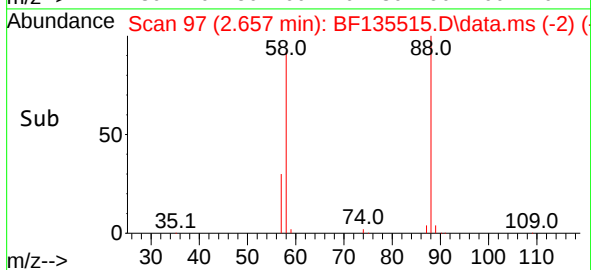
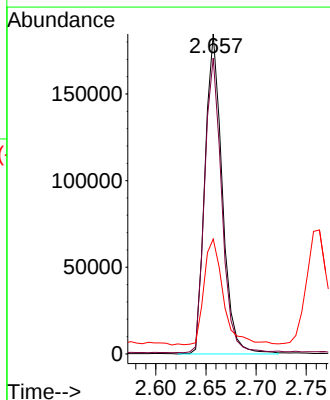
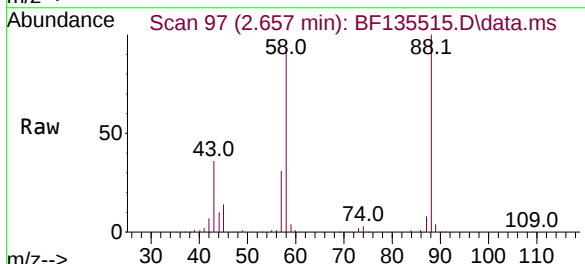
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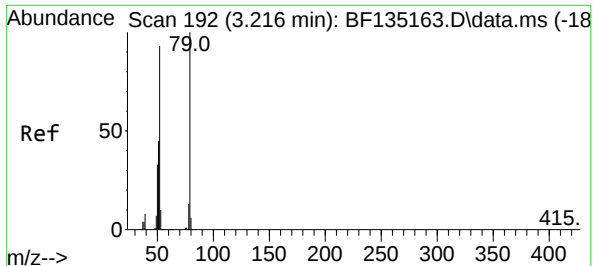
Tgt Ion:152 Resp: 162804
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.8 191.6
 115 59.3 49.8 74.8



#2
 1,4-Dioxane
 Concen: 50.488 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.212 min
 Lab File: BF135515.D
 Acq: 29 Sep 2023 14:41

Tgt Ion: 88 Resp: 221545
 Ion Ratio Lower Upper
 88 100
 58 91.1 78.3 117.5
 43 36.7 29.4 44.0

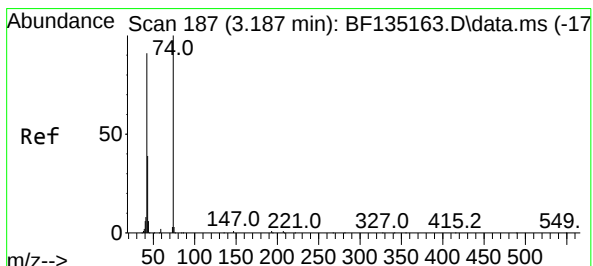
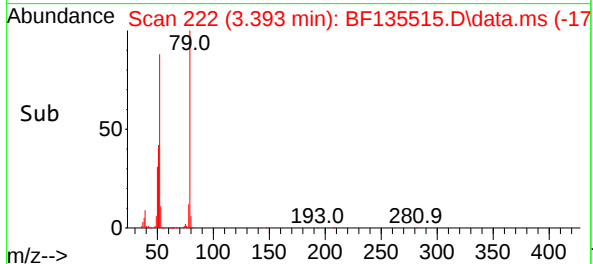
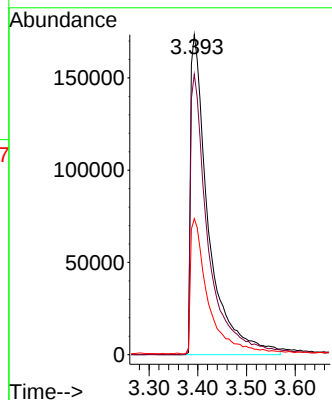
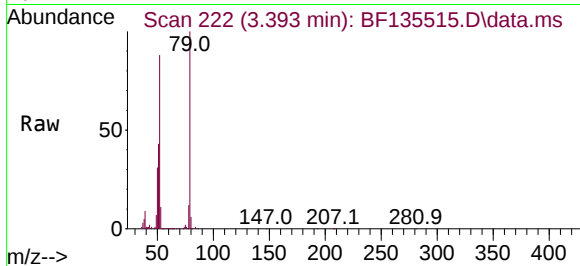




#3
Pyridine
Concen: 37.555 ng
RT: 3.393 min Scan# 210
Delta R.T. 0.194 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

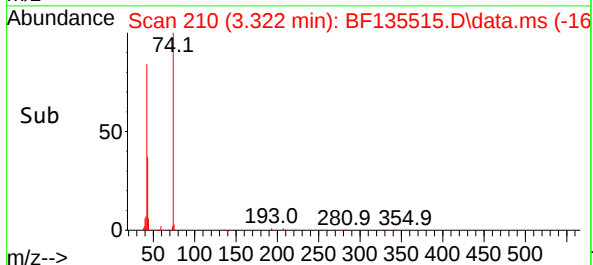
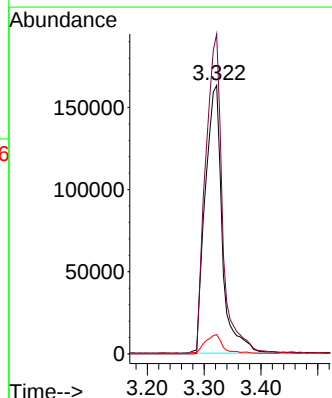
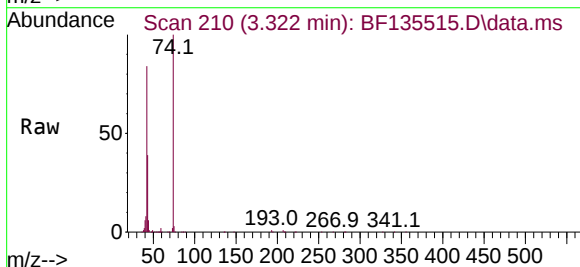
Instrument :
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ClientSampleId :
STONE-INMSD

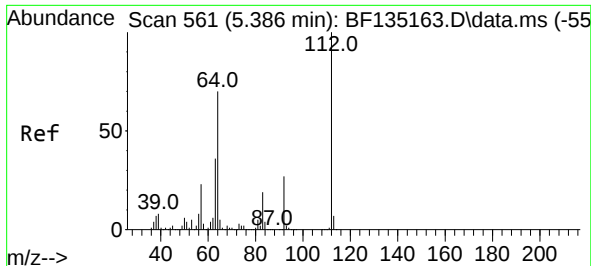
Tgt Ion: 79 Resp: 443526
Ion Ratio Lower Upper
79 100
52 87.6 74.1 111.1
51 42.5 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 54.143 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.153 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion: 42 Resp: 339319
Ion Ratio Lower Upper
42 100
74 119.1 87.7 131.5
44 7.2 5.6 8.4

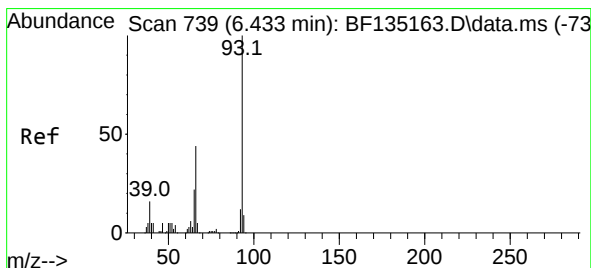
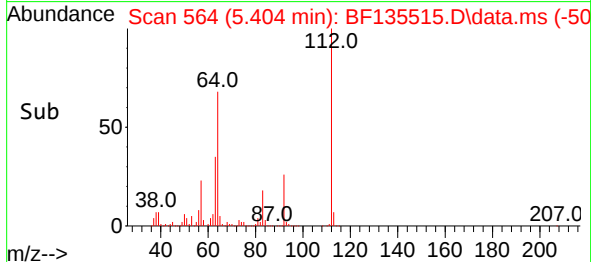
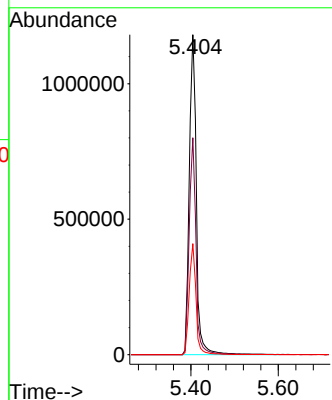
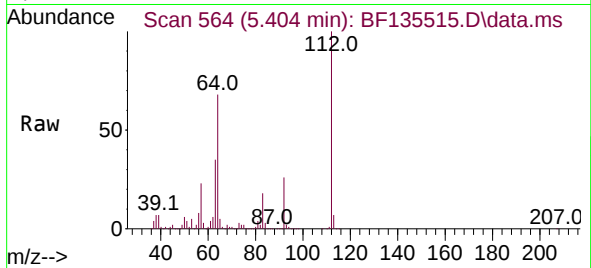




#5
2-Fluorophenol
Concen: 131.154 ng
RT: 5.404 min Scan# 501
Delta R.T. 0.023 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

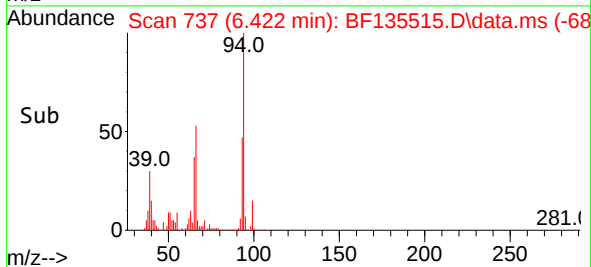
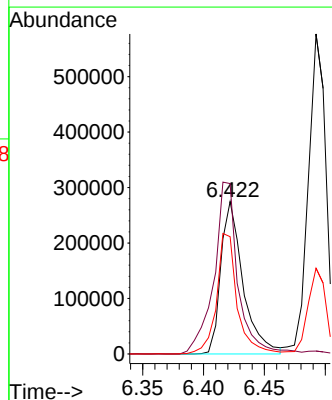
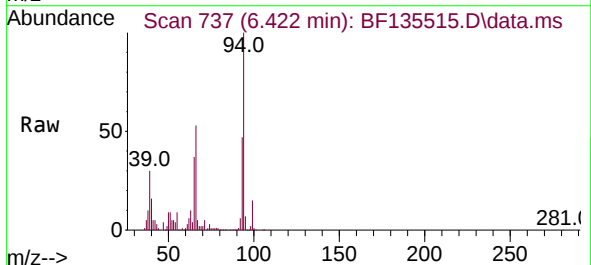
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

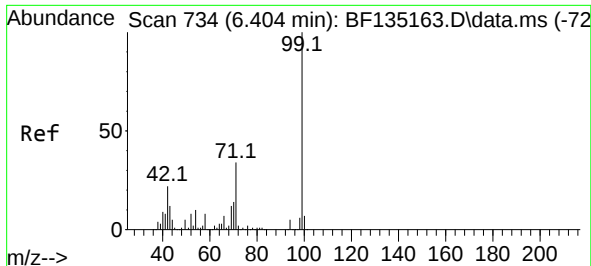
Tgt Ion:112 Resp: 1312821
Ion Ratio Lower Upper
112 100
64 67.8 55.9 83.9
63 34.7 29.0 43.6



#6
Aniline
Concen: 20.935 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion: 93 Resp: 349419
Ion Ratio Lower Upper
93 100
66 111.9 35.4 53.0#
65 76.9 17.8 26.8#



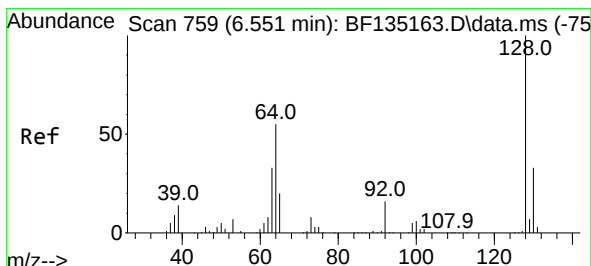
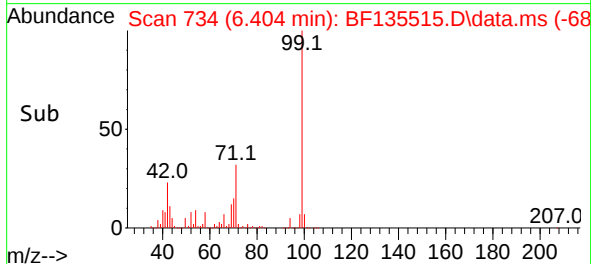
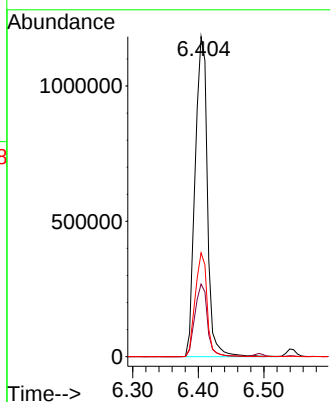
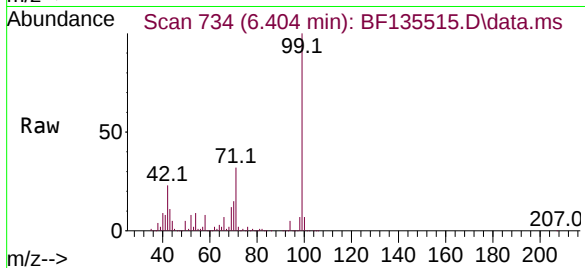


#7
Phenol-d6
Concen: 121.579 ng
RT: 6.404 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1547466

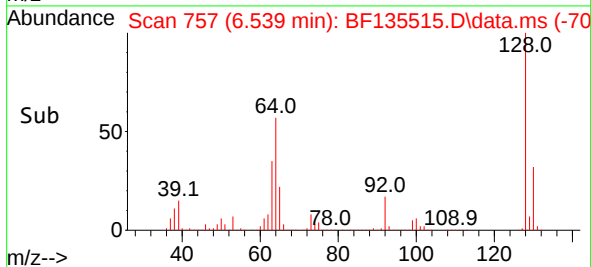
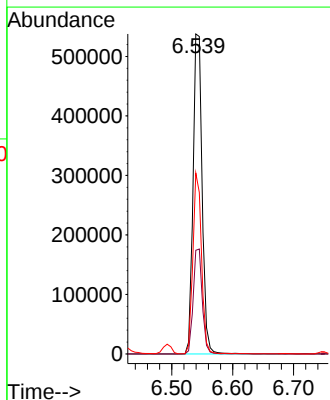
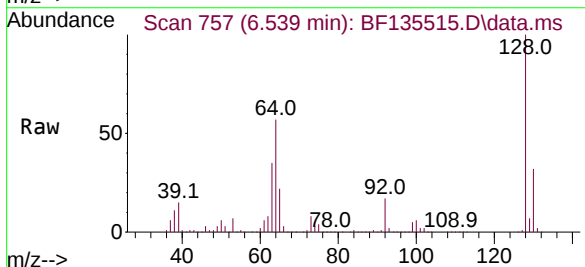
Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.4	27.0	40.6

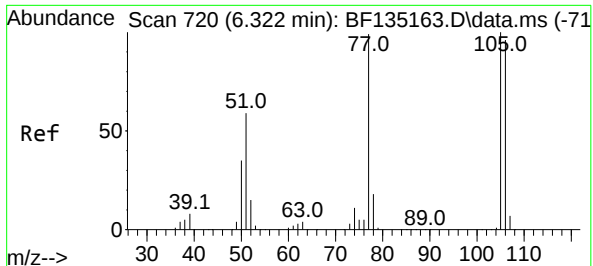


#8
2-Chlorophenol
Concen: 52.268 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:128 Resp: 558515

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	56.6	35.9	75.9

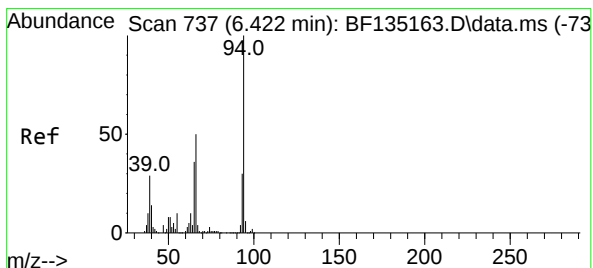
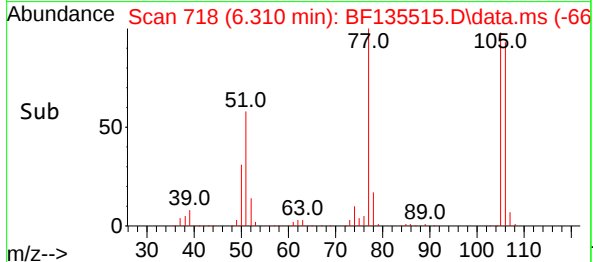
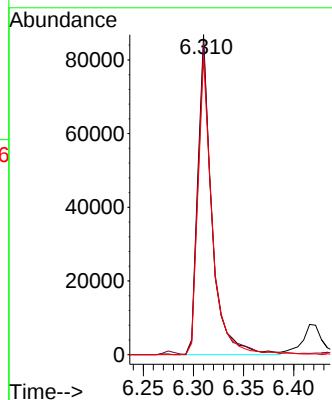
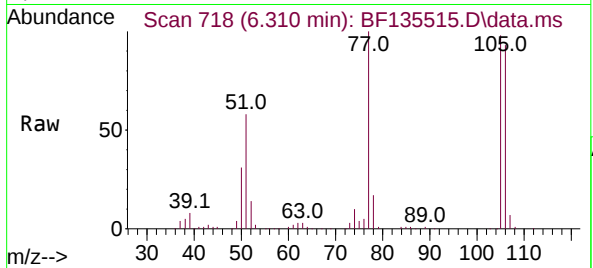




#9
Benzaldehyde
Concen: 11.659 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

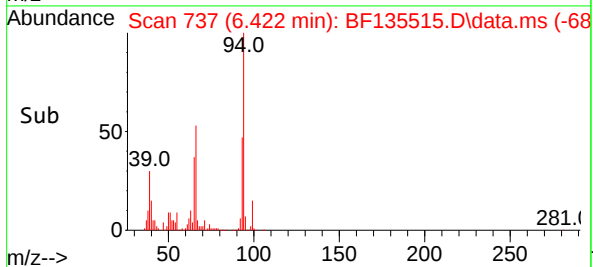
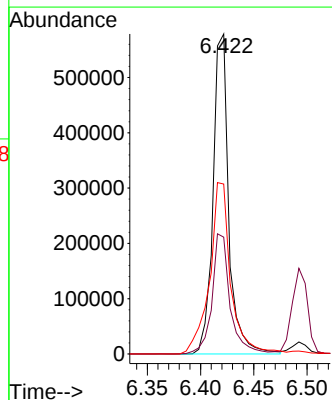
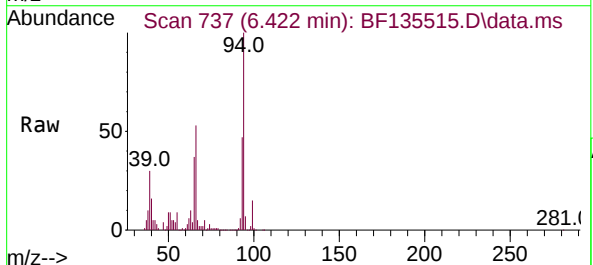
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ClientSampleId :
STONE-INMSD

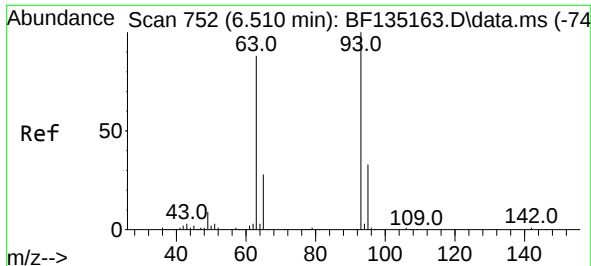
Tgt Ion: 77 Resp: 84535
Ion Ratio Lower Upper
77 100
105 97.6 81.4 121.4
106 93.0 76.9 116.9



#10
Phenol
Concen: 42.726 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion: 94 Resp: 596323
Ion Ratio Lower Upper
94 100
65 36.5 15.9 55.9
66 53.1 29.8 69.8

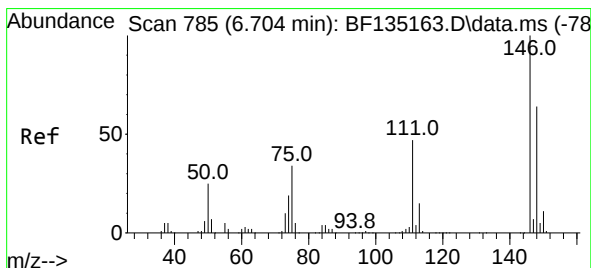
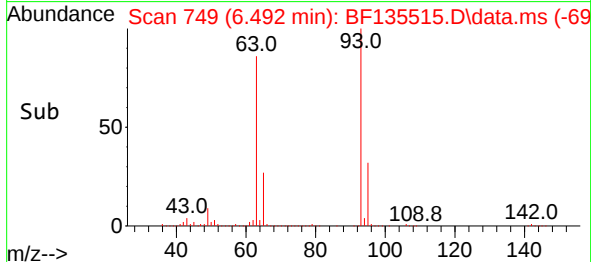
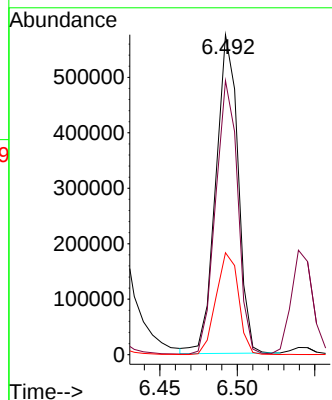
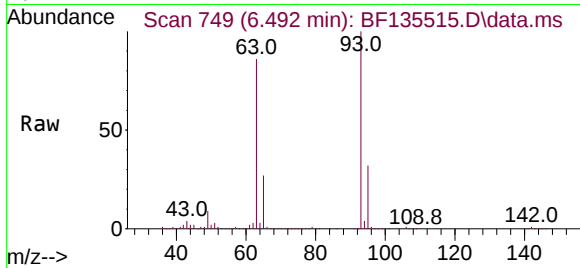




#11
bis(2-Chloroethyl)ether
Concen: 54.875 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

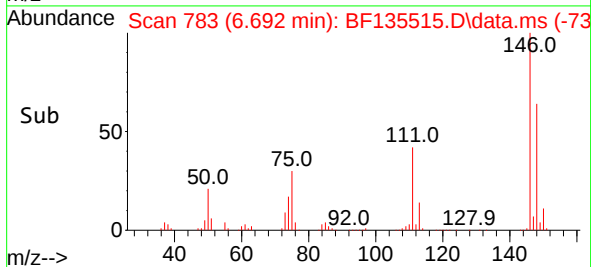
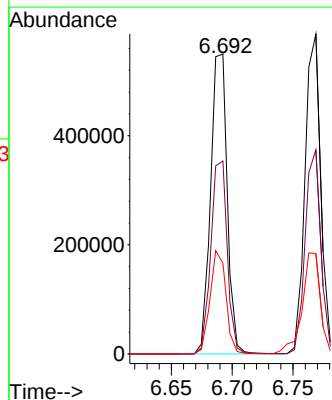
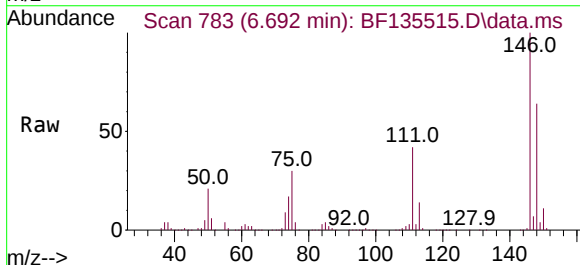
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

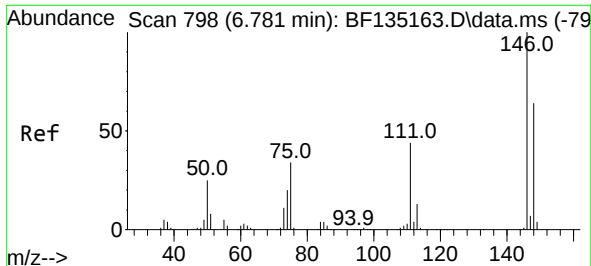
Tgt Ion: 93 Resp: 574496
Ion Ratio Lower Upper
93 100
63 85.7 67.3 107.3
95 31.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.227 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:146 Resp: 523724
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 30.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.934 ng

RT: 6.769 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

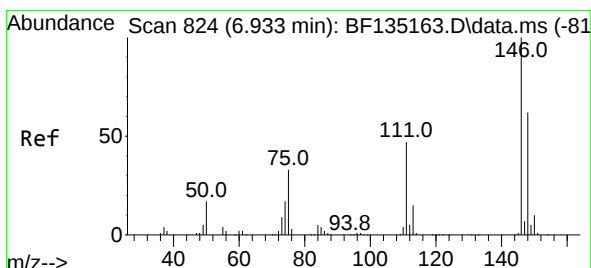
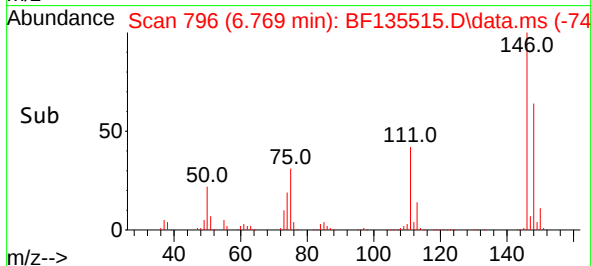
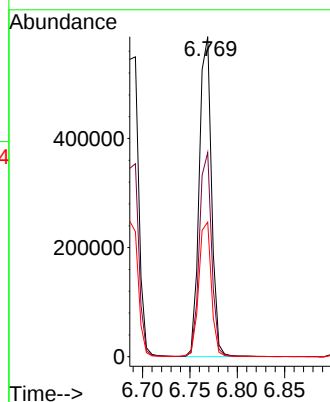
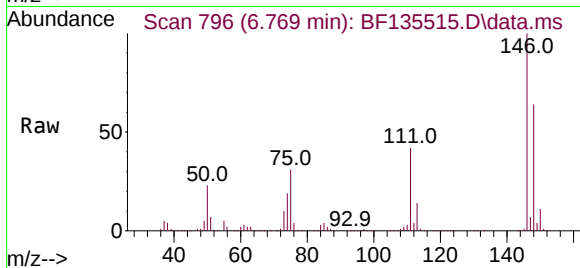
Tgt Ion:146 Resp: 529598

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 42.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.885 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

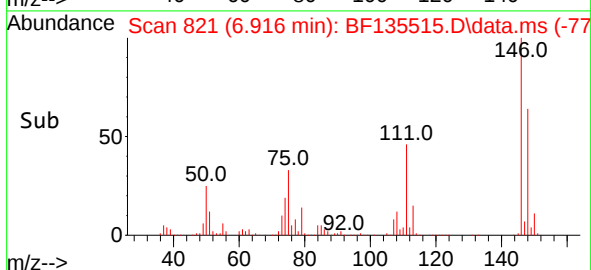
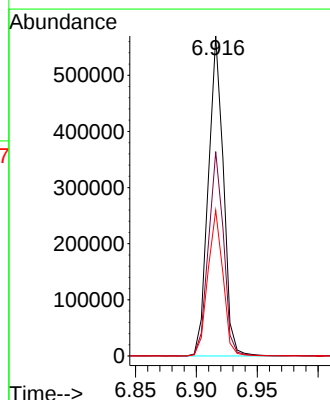
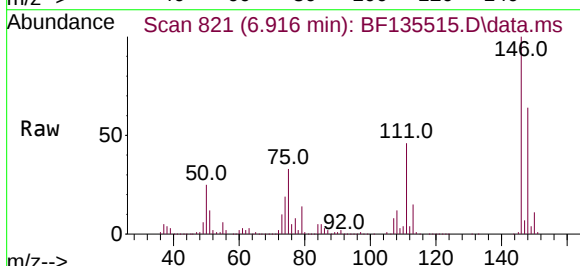
Tgt Ion:146 Resp: 491321

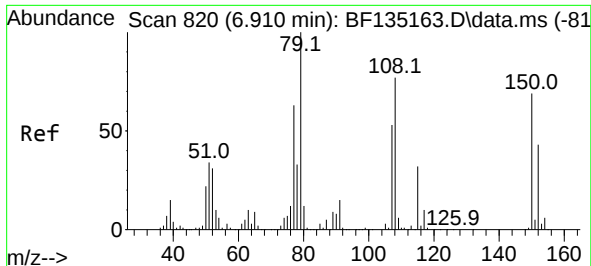
Ion Ratio Lower Upper

146 100

148 63.8 49.7 74.5

111 45.5 37.4 56.2

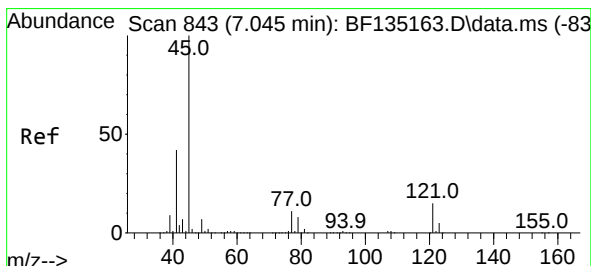
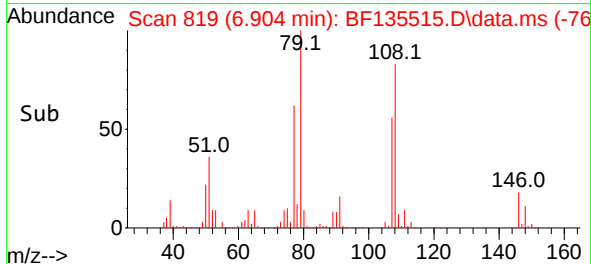
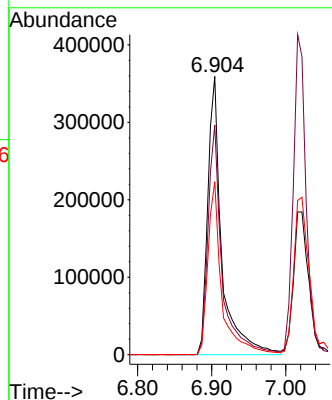
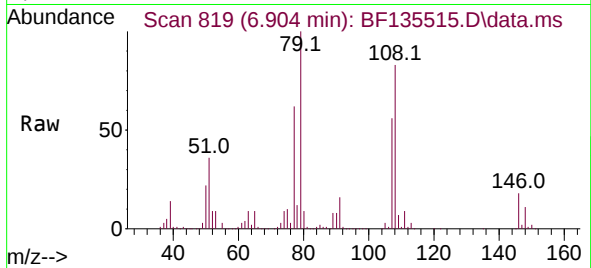




#15
Benzyl Alcohol
Concen: 52.039 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

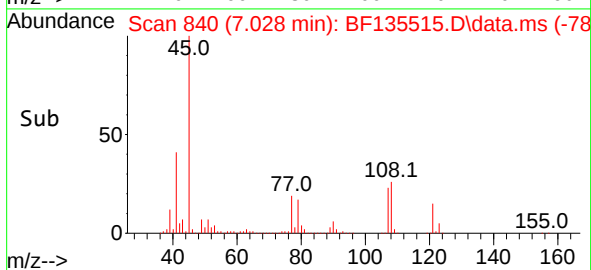
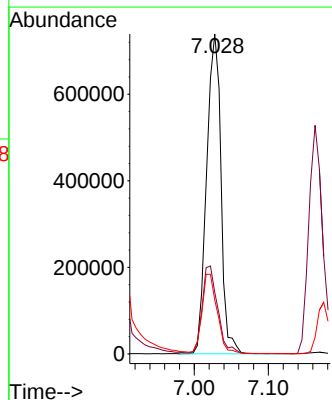
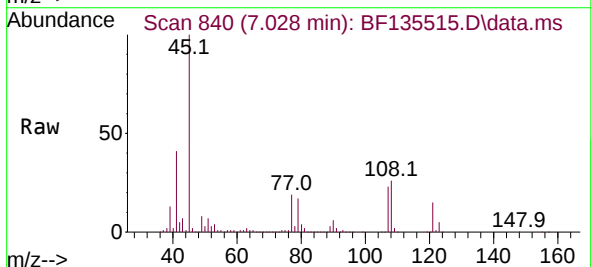
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

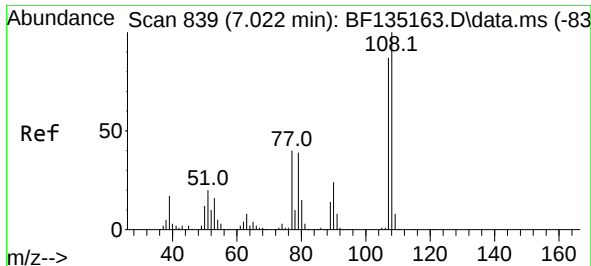
Tgt Ion: 79 Resp: 475298
Ion Ratio Lower Upper
79 100
108 82.5 61.2 91.8
77 62.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.232 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion: 45 Resp: 991257
Ion Ratio Lower Upper
45 100
77 19.3 0.0 30.6
79 16.9 0.0 28.3

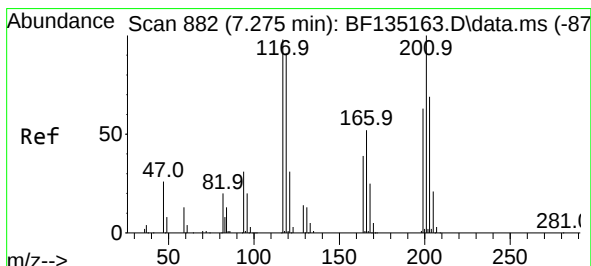
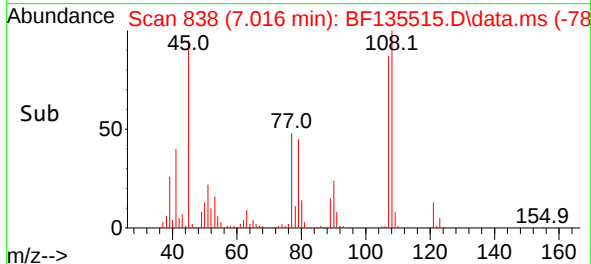
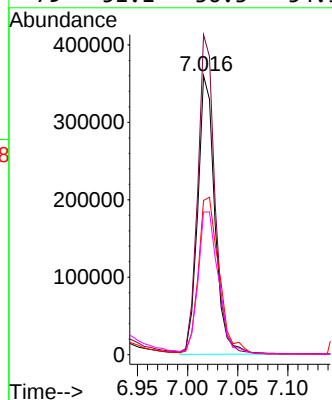
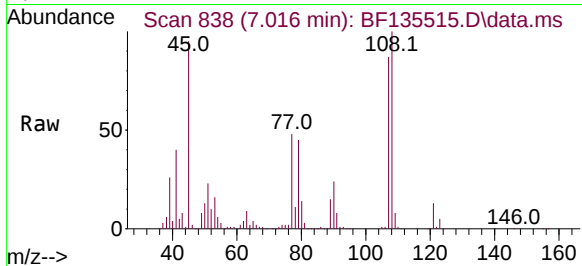




#17
2-Methylphenol
Concen: 45.366 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

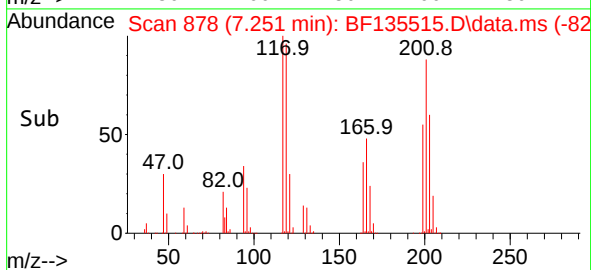
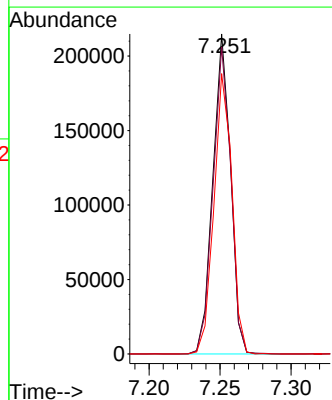
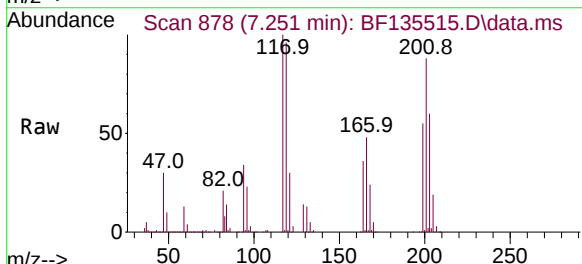
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

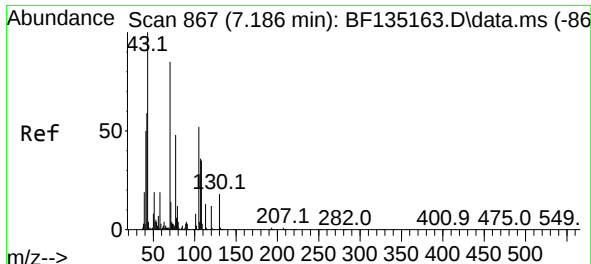
Tgt Ion:107 Resp: 427781
Ion Ratio Lower Upper
107 100
108 114.7 92.0 138.0
77 55.3 36.7 55.1#
79 51.1 36.3 54.5



#18
Hexachloroethane
Concen: 45.712 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:117 Resp: 186613
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
201 87.6 81.8 122.8

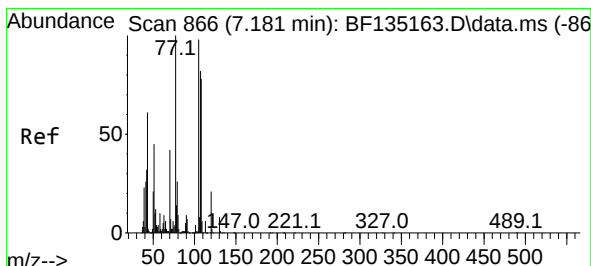
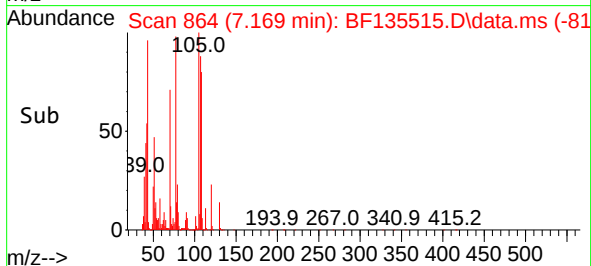
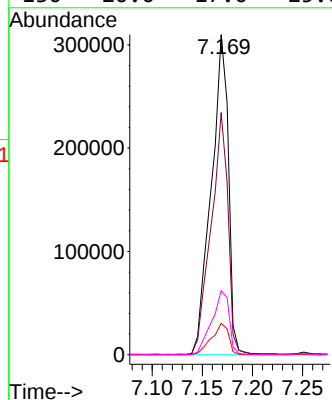
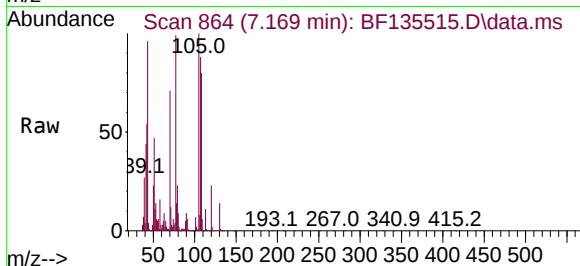




#19
n-Nitroso-di-n-propylamine
Concen: 46.738 ng
RT: 7.169 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

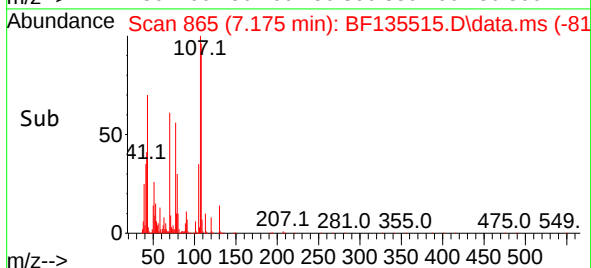
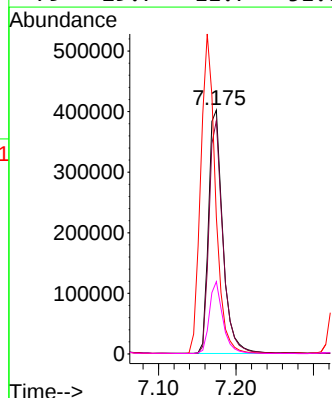
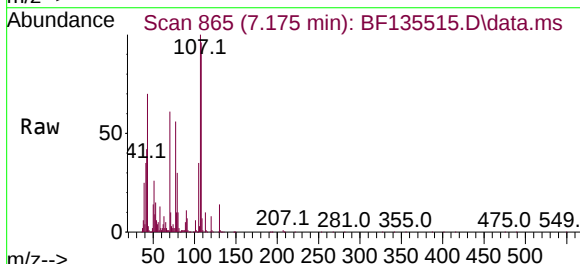
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

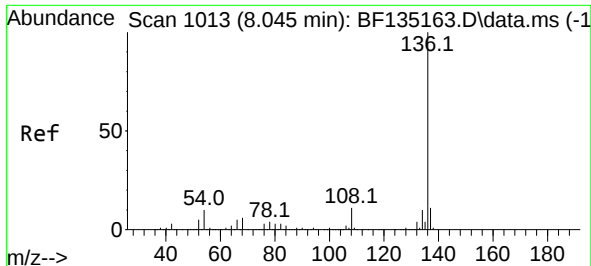
Tgt Ion: 70 Resp: 368466
Ion Ratio Lower Upper
70 100
42 75.7 55.4 83.0
101 9.8 7.7 11.5
130 20.0 17.0 25.6



#20
3+4-Methylphenols
Concen: 45.256 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion: 107 Resp: 513141
Ion Ratio Lower Upper
107 100
108 95.7 74.7 114.7
77 56.1 102.0 142.0#
79 29.7 11.7 51.7

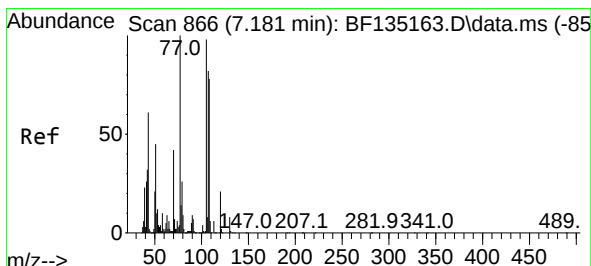
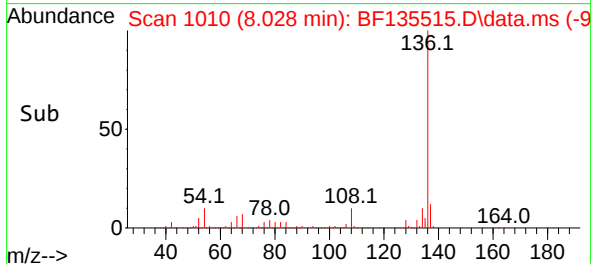
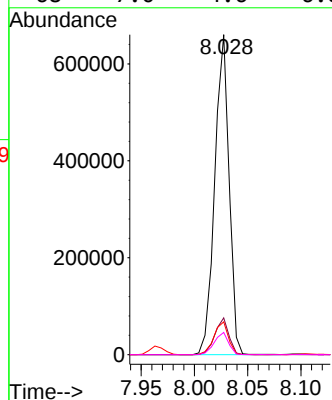
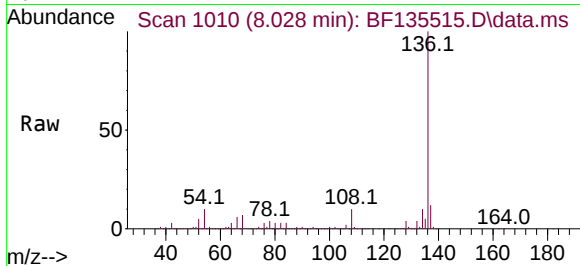




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

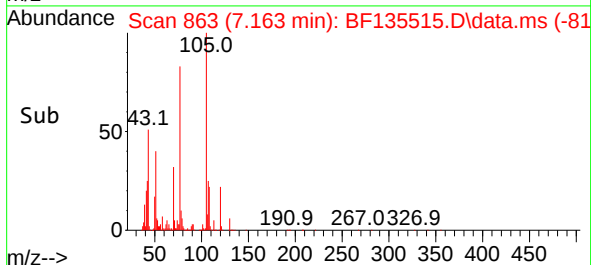
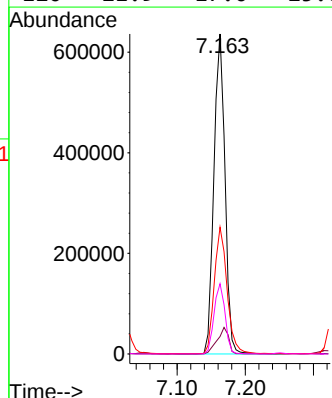
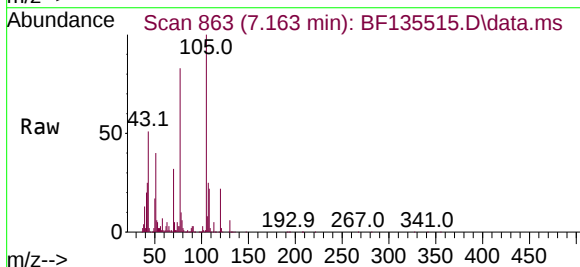
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

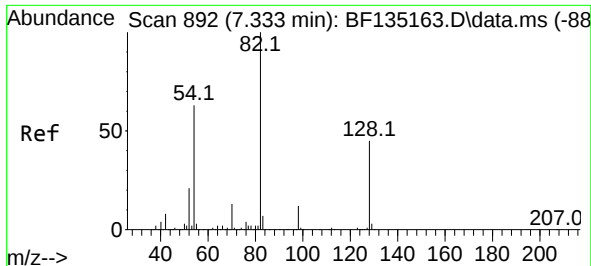
Tgt Ion:136 Resp: 616512
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.3 7.7 11.5
68 7.0 4.6 6.8#



#22
Acetophenone
Concen: 50.989 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:105 Resp: 718694
Ion Ratio Lower Upper
105 100
71 5.4 5.8 8.6#
51 39.6 37.0 55.4
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 97.396 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

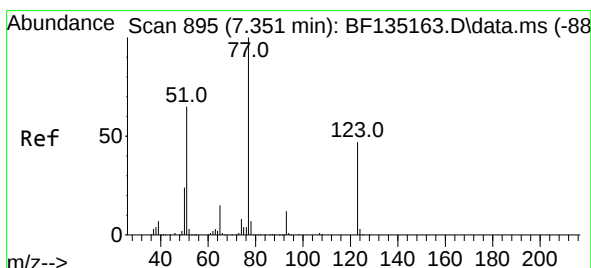
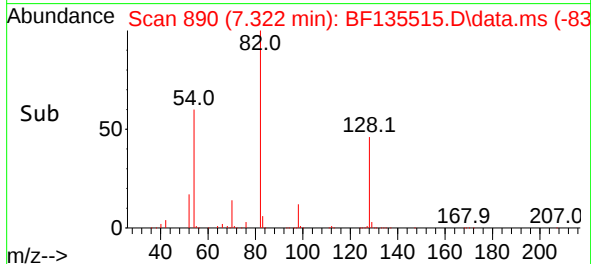
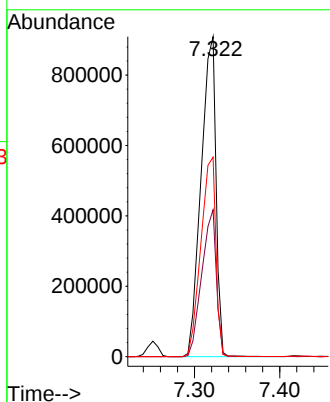
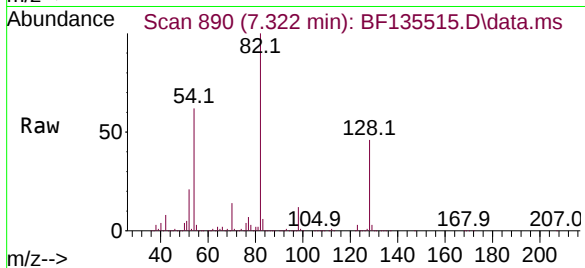
Tgt Ion: 82 Resp: 1105213

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.6

54 62.3 50.6 76.0



#24

Nitrobenzene

Concen: 51.604 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

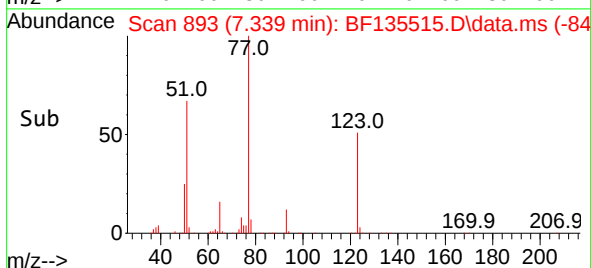
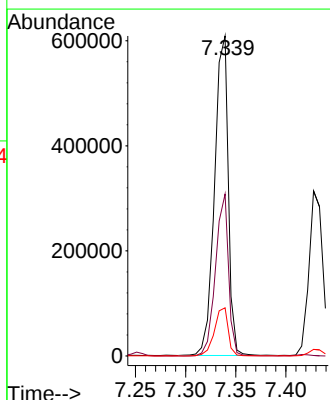
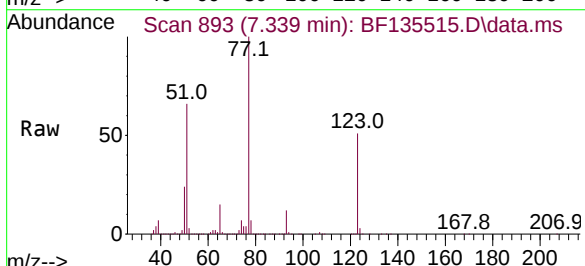
Tgt Ion: 77 Resp: 578794

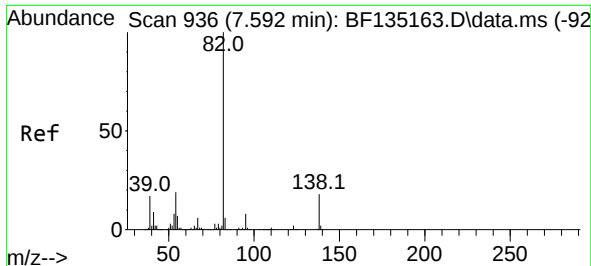
Ion Ratio Lower Upper

77 100

123 50.6 37.6 56.4

65 15.0 12.2 18.4

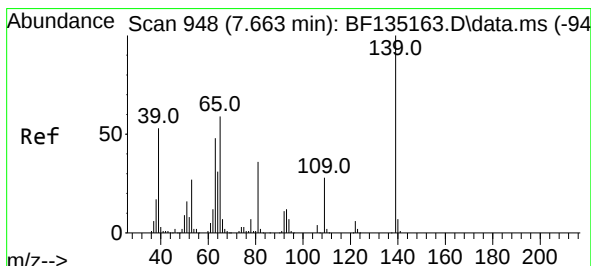
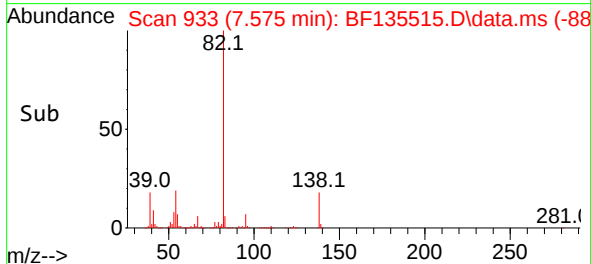
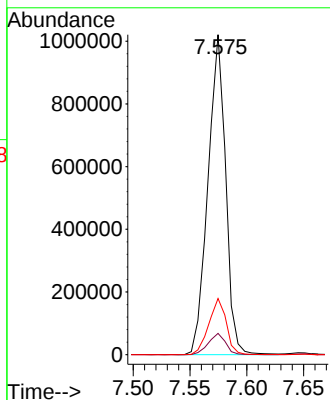
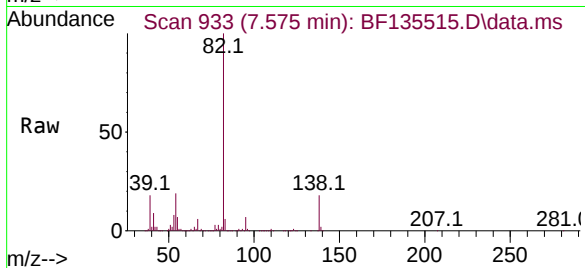




#25
Isophorone
Concen: 52.932 ng
RT: 7.575 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

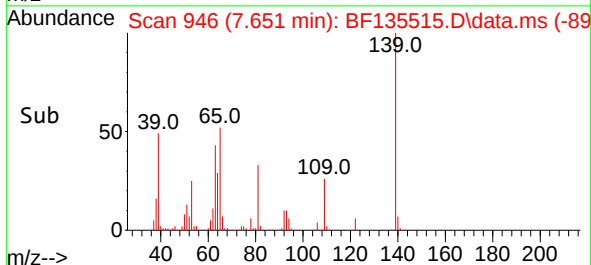
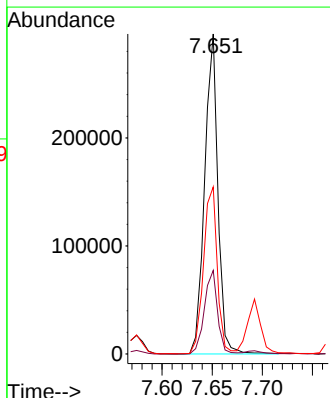
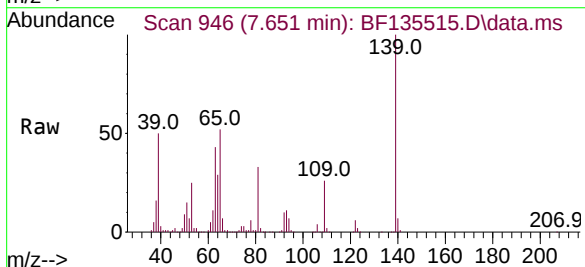
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

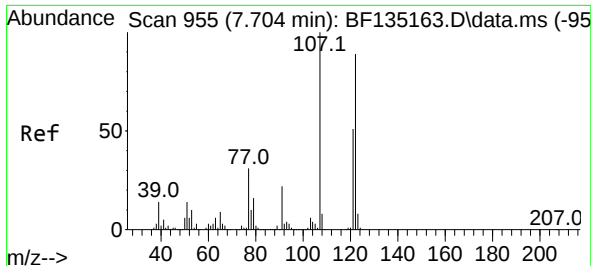
Tgt Ion: 82 Resp: 1102954
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 50.823 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:139 Resp: 273583
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 52.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.588 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135515.D

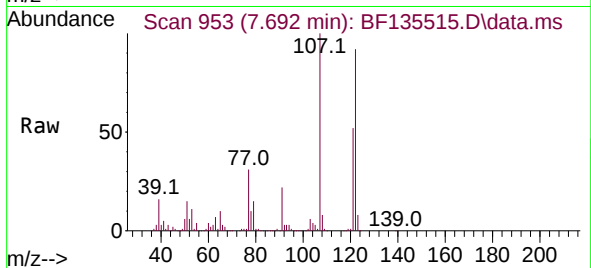
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD



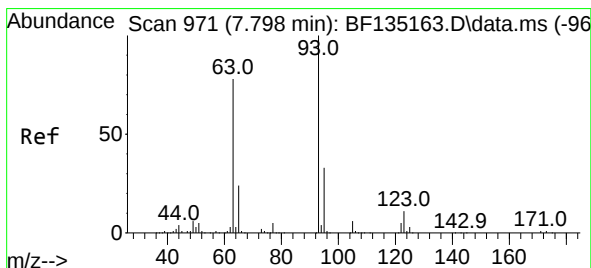
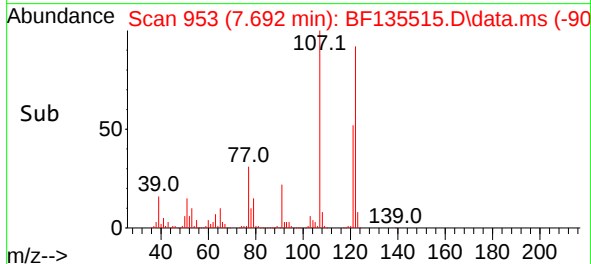
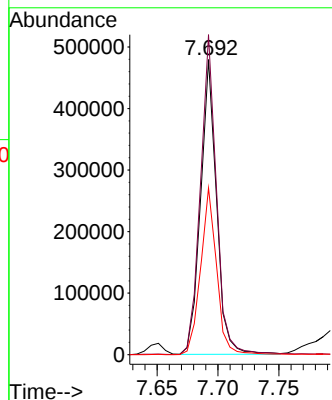
Tgt Ion:122 Resp: 439638

Ion Ratio Lower Upper

122 100

107 108.5 90.2 135.4

121 56.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 55.585 ng

RT: 7.780 min Scan# 968

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

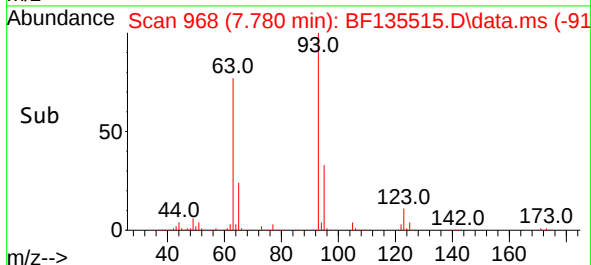
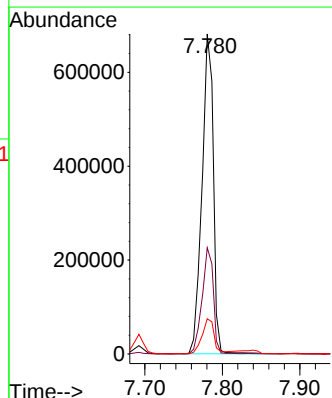
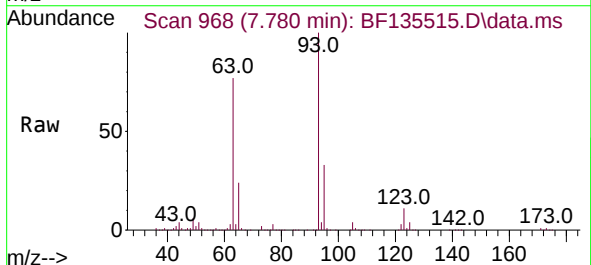
Tgt Ion: 93 Resp: 693249

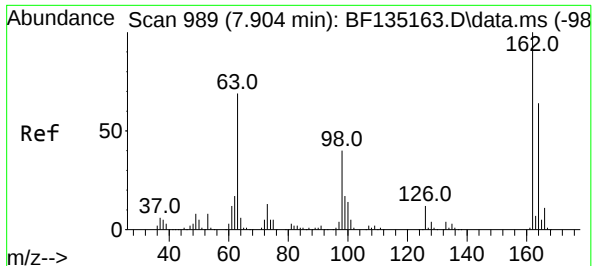
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.233 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

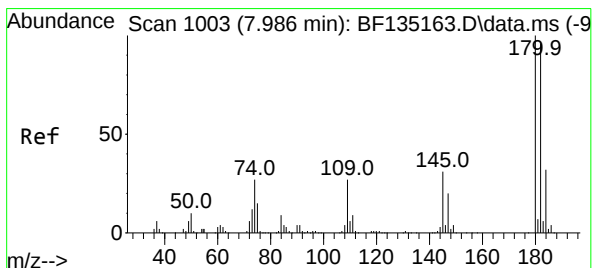
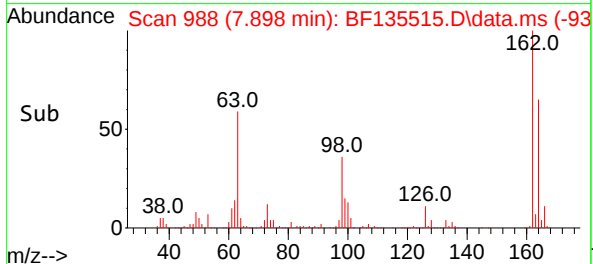
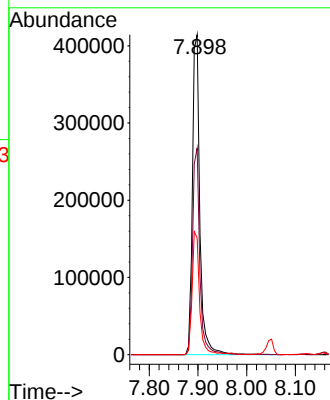
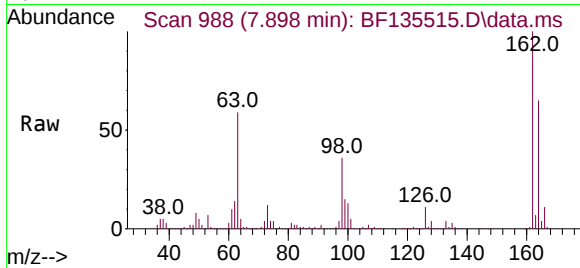
Tgt Ion:162 Resp: 437934

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

98 36.4 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 51.171 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

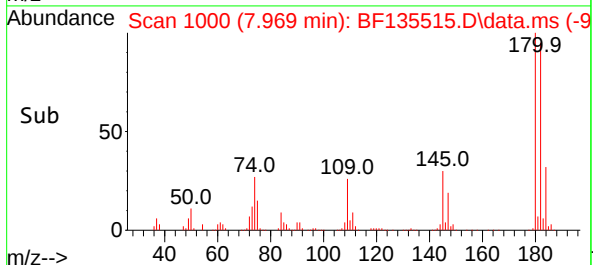
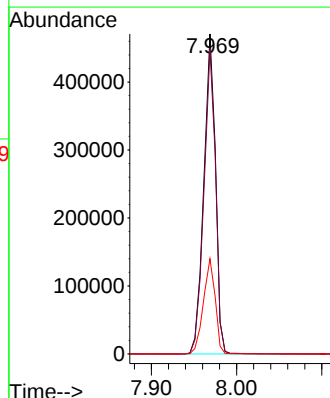
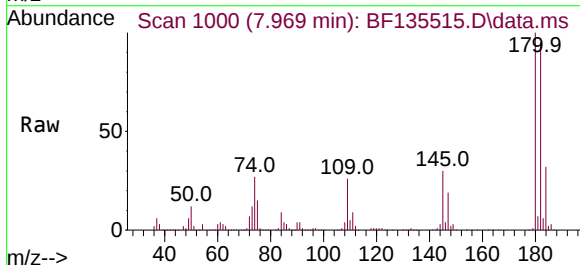
Tgt Ion:180 Resp: 448441

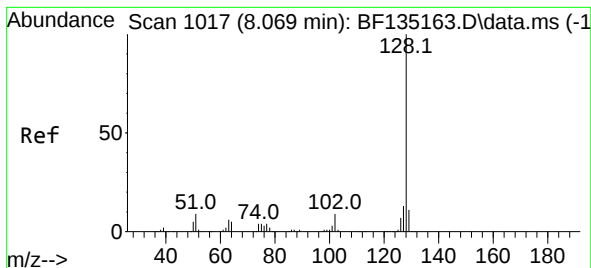
Ion Ratio Lower Upper

180 100

182 95.0 76.9 115.3

145 29.8 24.5 36.7





#31

Naphthalene

Concen: 49.868 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

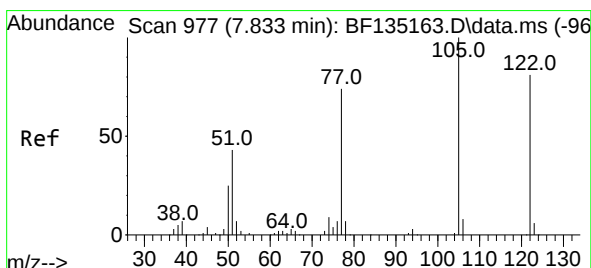
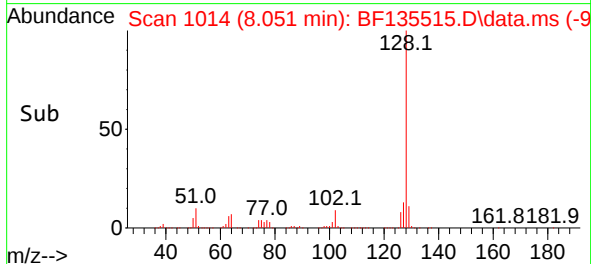
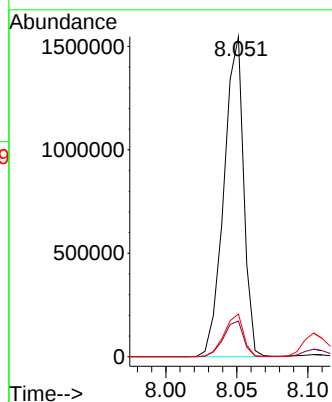
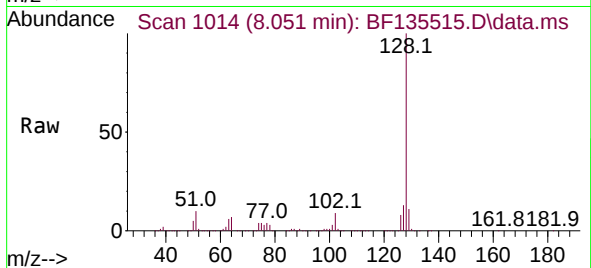
Tgt Ion:128 Resp: 1493761

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 43.636 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

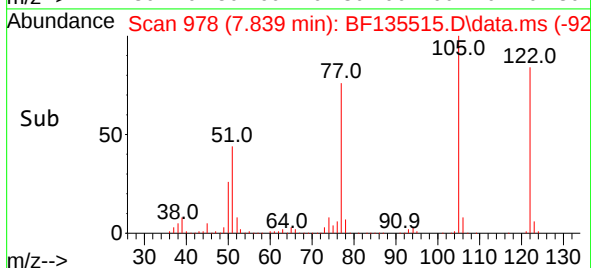
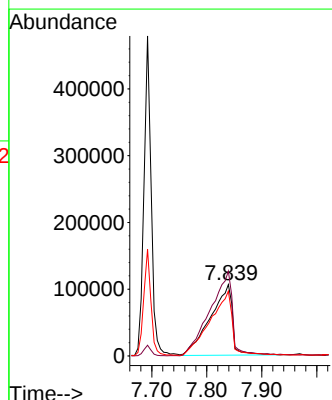
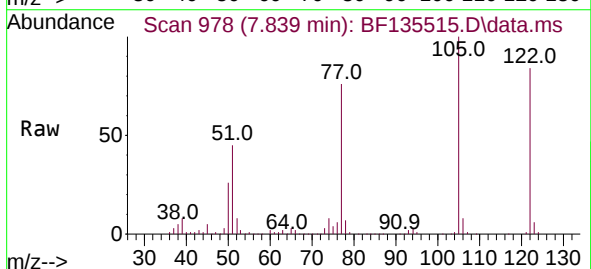
Tgt Ion:122 Resp: 297314

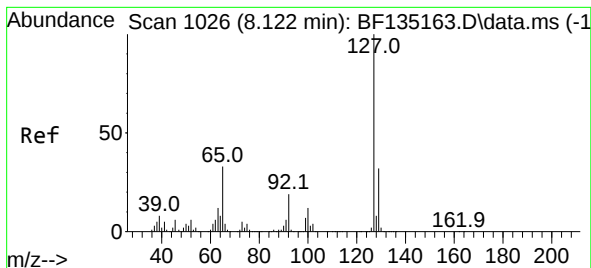
Ion Ratio Lower Upper

122 100

105 118.9 99.9 139.9

77 90.9 70.0 110.0





#33

4-Chloroaniline

Concen: 12.710 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

Tgt Ion:127 Resp: 167044

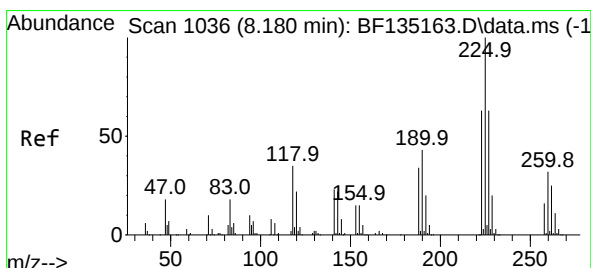
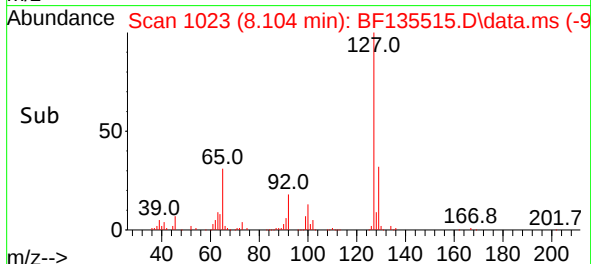
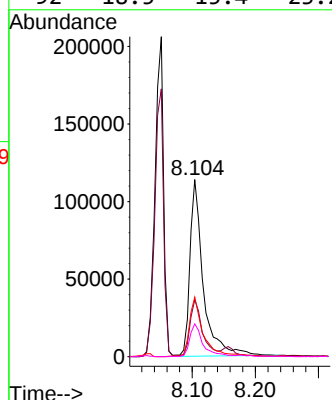
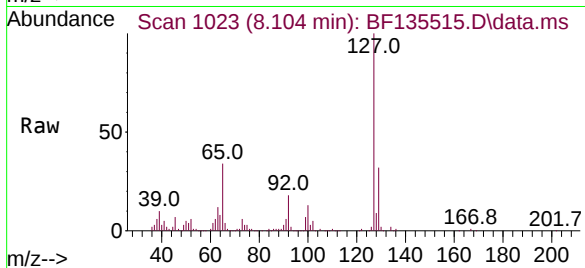
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 33.7 26.6 39.8

92 18.5 15.4 23.2



#34

Hexachlorobutadiene

Concen: 47.294 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

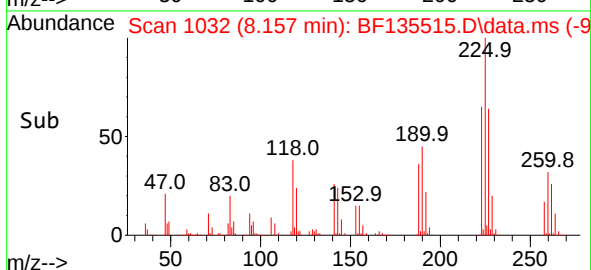
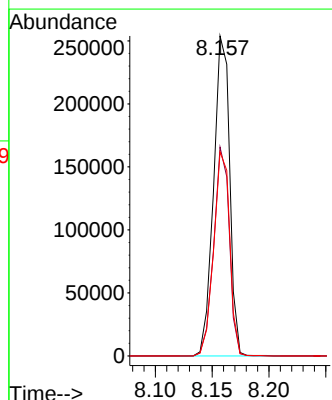
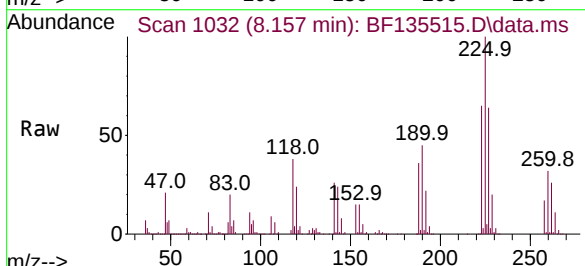
Tgt Ion:225 Resp: 249912

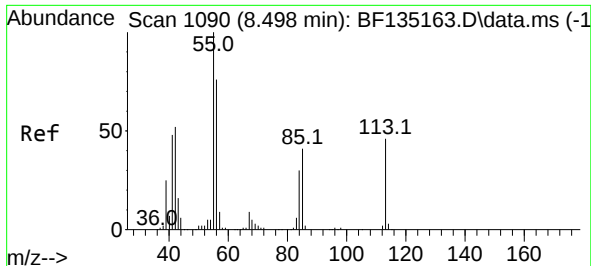
Ion Ratio Lower Upper

225 100

223 65.2 50.6 75.8

227 63.8 50.8 76.2

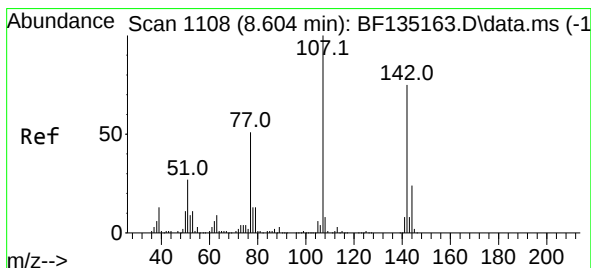
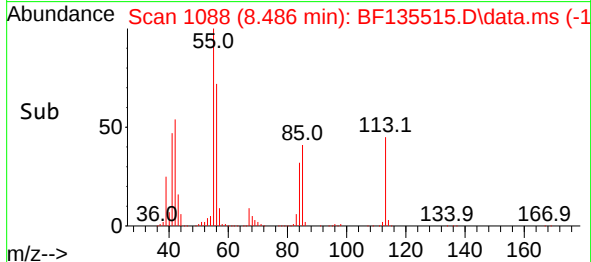
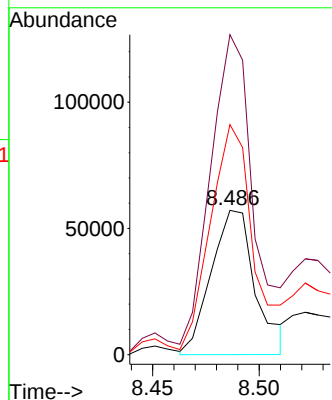
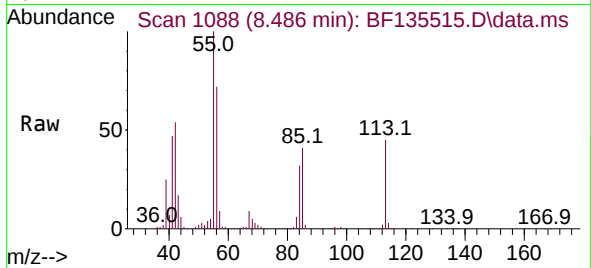




#35
 Caprolactam
 Concen: 29.248 ng
 RT: 8.486 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: BF135515.D
 Acq: 29 Sep 2023 14:41

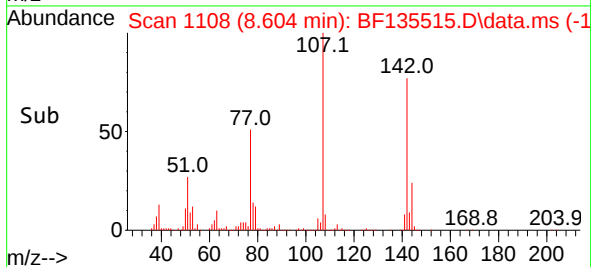
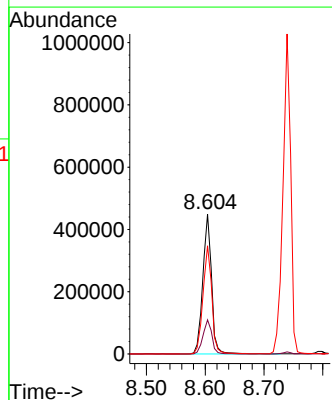
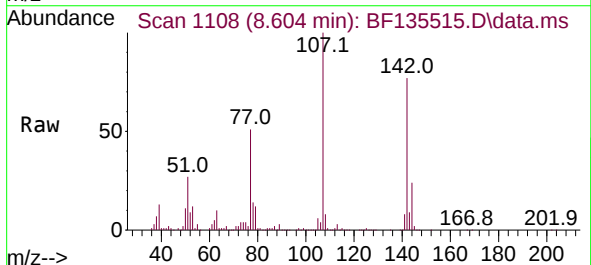
Instrument :
 BNA_F
 ClientSampleId :
 STONE-INMSD

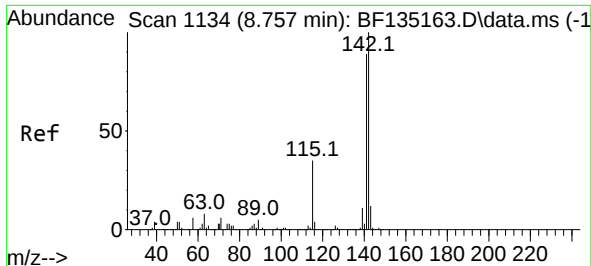
Tgt Ion:113 Resp: 82302
 Ion Ratio Lower Upper
 113 100
 55 221.6 199.3 239.3
 56 159.3 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.933 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF135515.D
 Acq: 29 Sep 2023 14:41

Tgt Ion:107 Resp: 465298
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.4
 142 77.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.518 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

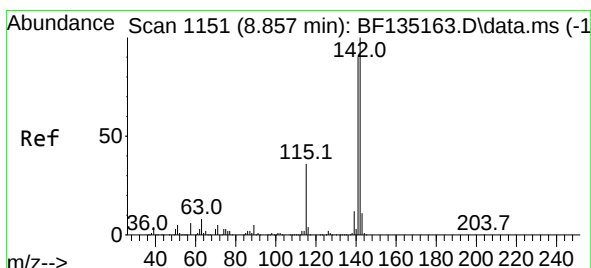
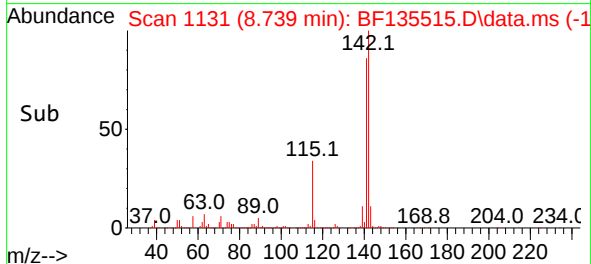
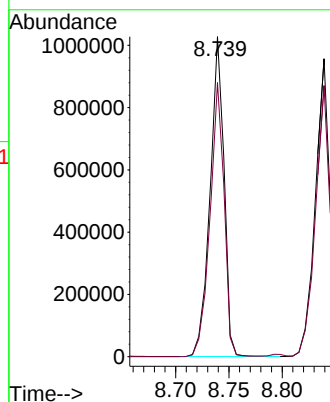
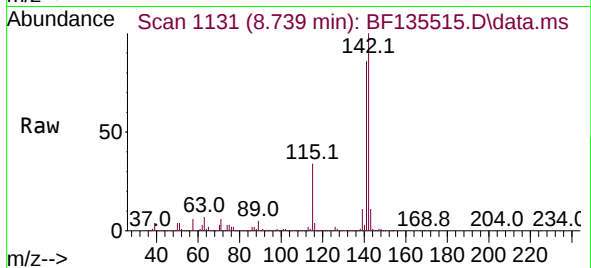
STONE-INMSD

Tgt Ion:142 Resp: 936657

Ion Ratio Lower Upper

142 100

141 85.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.502 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF135515.D

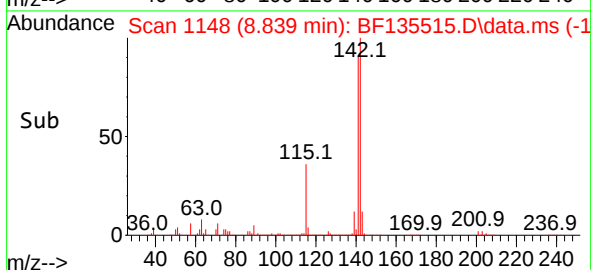
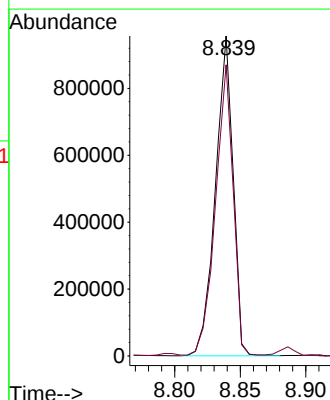
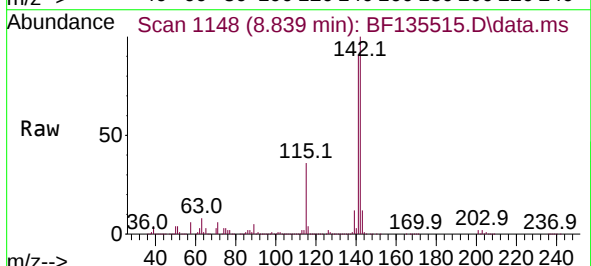
Acq: 29 Sep 2023 14:41

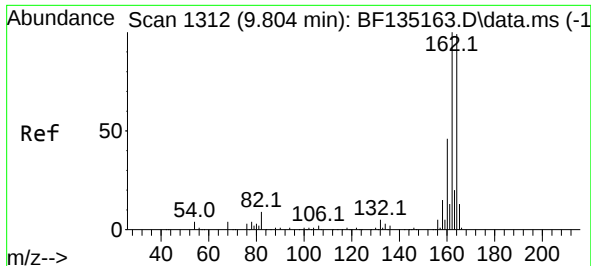
Tgt Ion:142 Resp: 895477

Ion Ratio Lower Upper

142 100

141 91.0 72.4 108.6

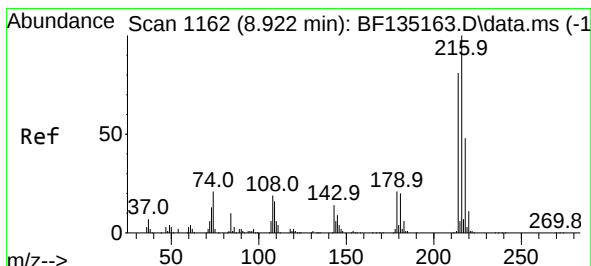
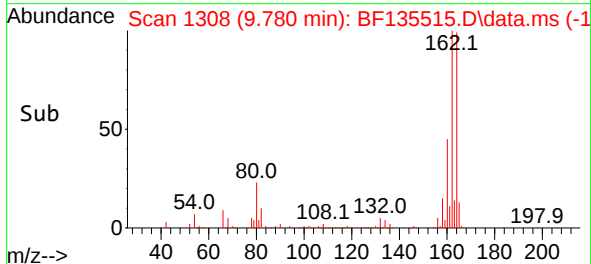
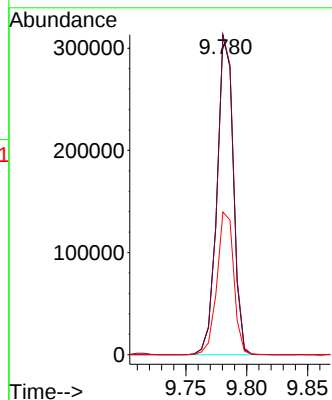
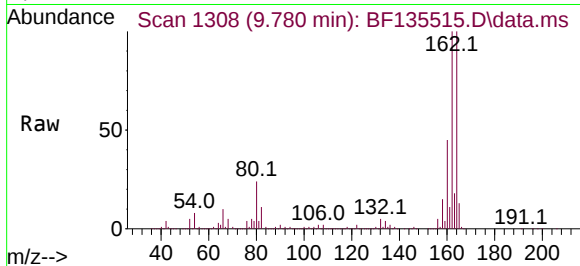




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

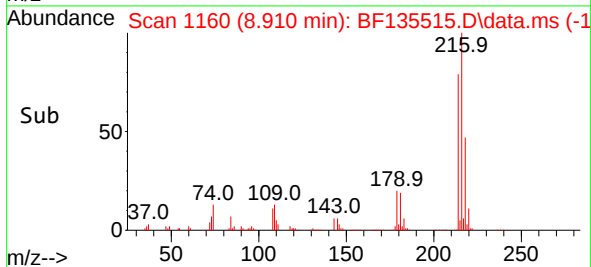
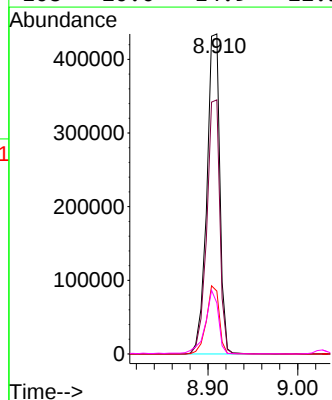
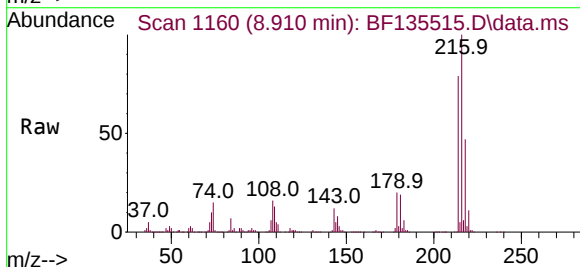
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

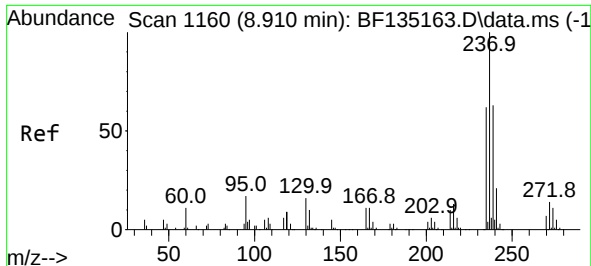
Tgt Ion:164 Resp: 292342
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.7 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.694 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

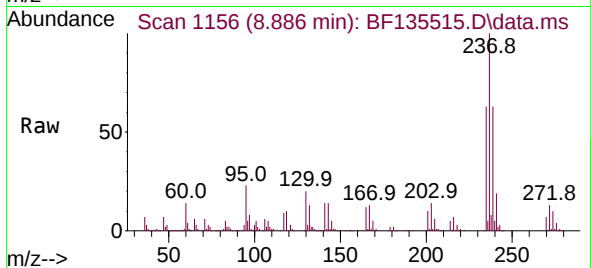
Tgt Ion:216 Resp: 437814
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 20.8 16.7 25.1
108 20.0 14.9 22.3



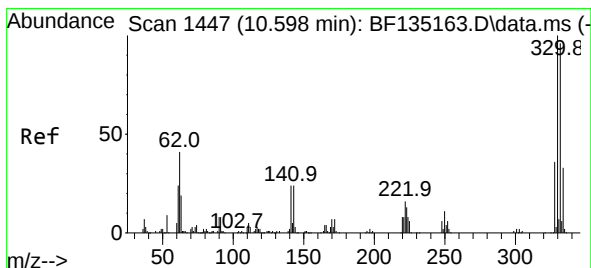
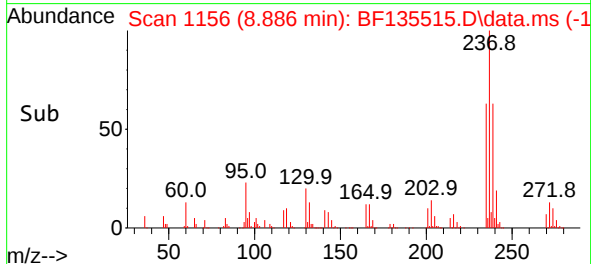
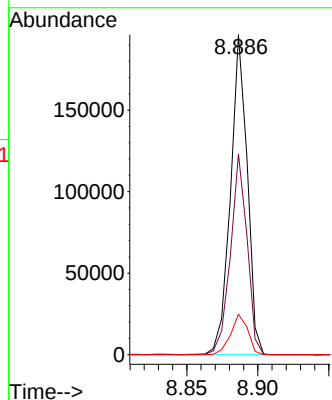


#41
Hexachlorocyclopentadiene
Concen: 46.584 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

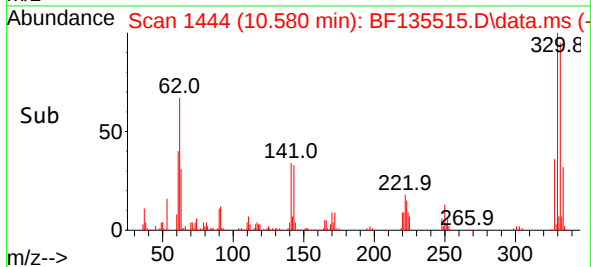
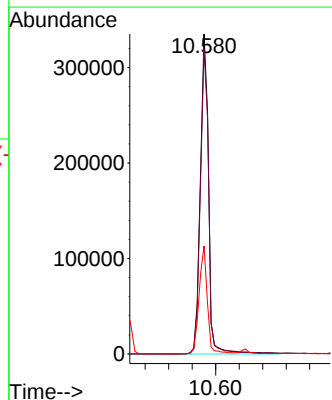
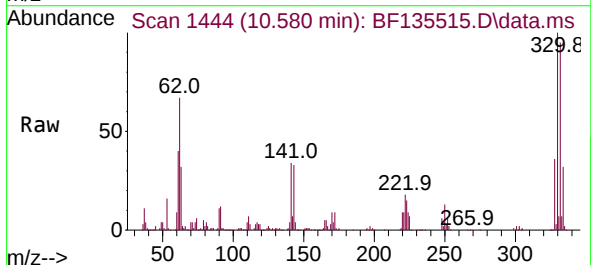


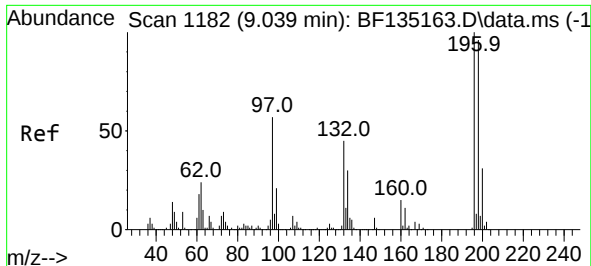
Tgt Ion:237 Resp: 161164
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 12.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 112.489 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:330 Resp: 326799
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 51.416 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

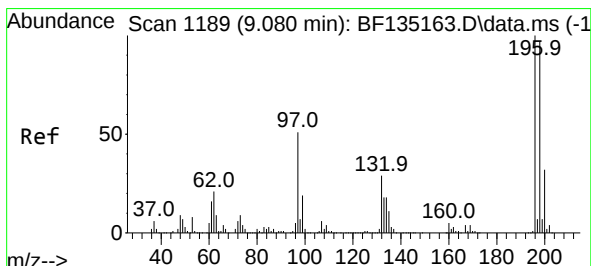
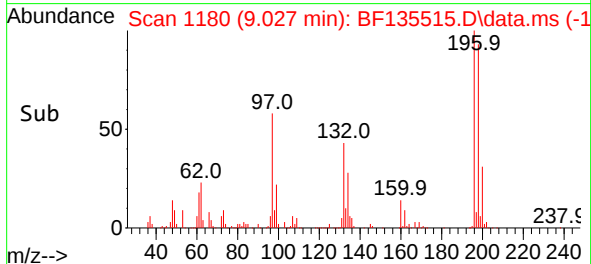
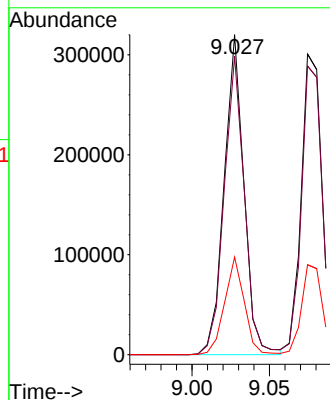
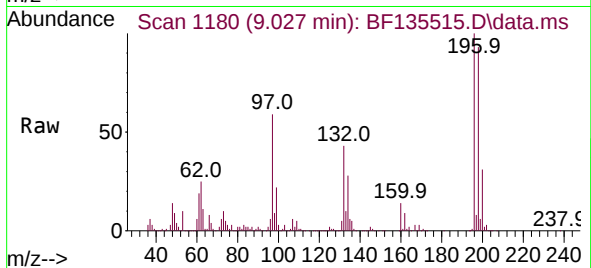
Tgt Ion:196 Resp: 285115

Ion Ratio Lower Upper

196 100

198 93.3 77.0 115.6

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.541 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Tgt Ion:196 Resp: 297211

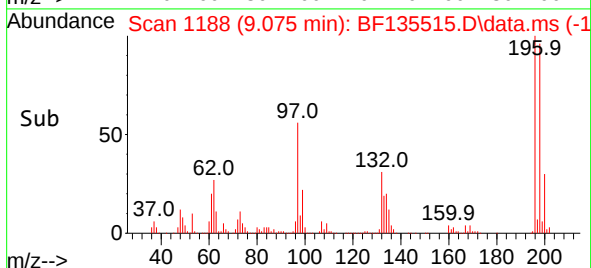
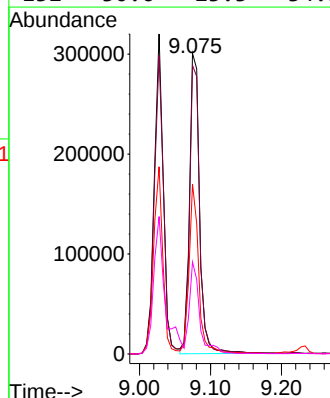
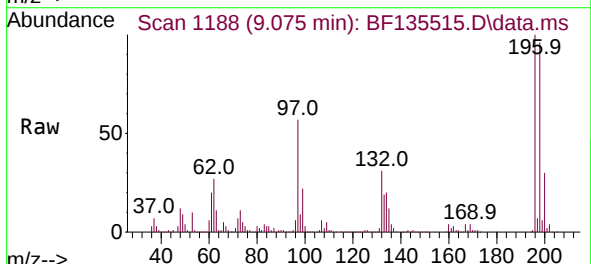
Ion Ratio Lower Upper

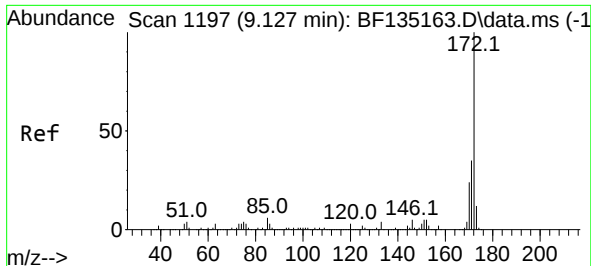
196 100

198 96.0 77.5 116.3

97 56.5 40.5 60.7

132 30.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 89.800 ng

RT: 9.104 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

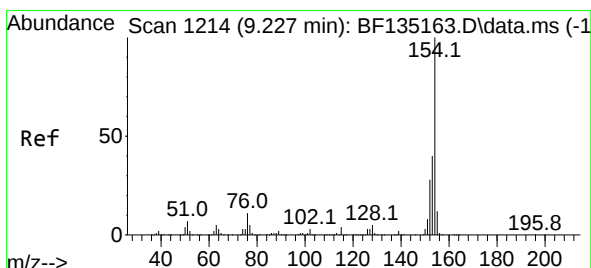
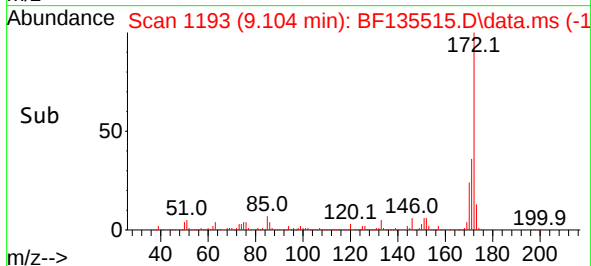
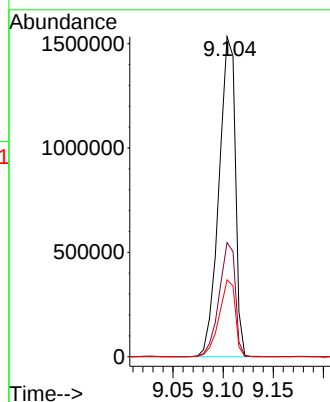
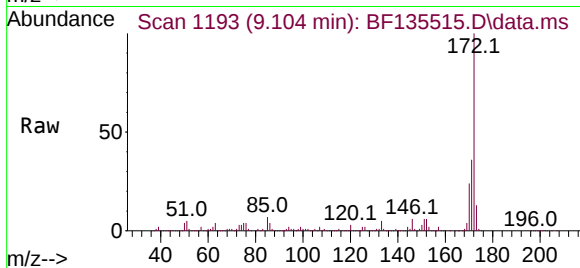
Tgt Ion:172 Resp: 1740045

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.897 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

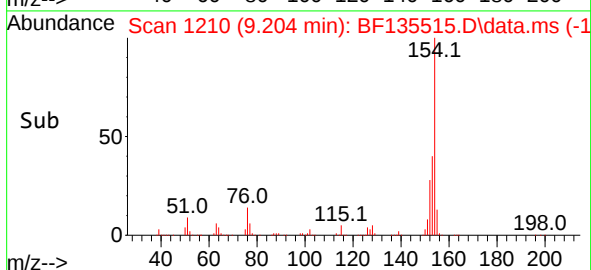
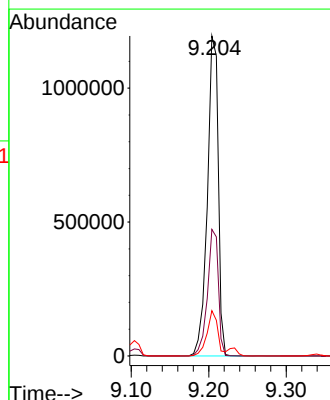
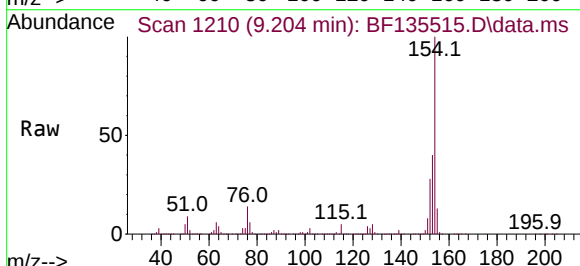
Tgt Ion:154 Resp: 1165923

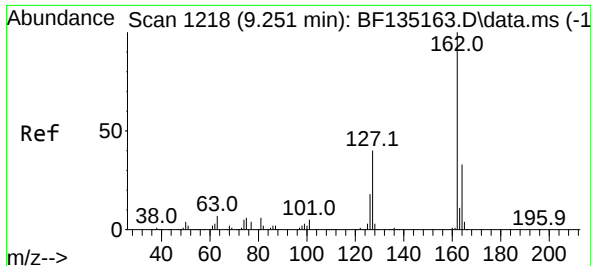
Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

76 14.2 0.0 31.0

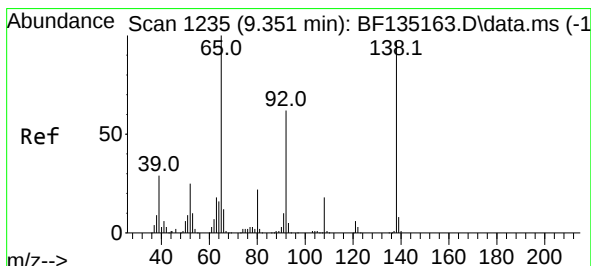
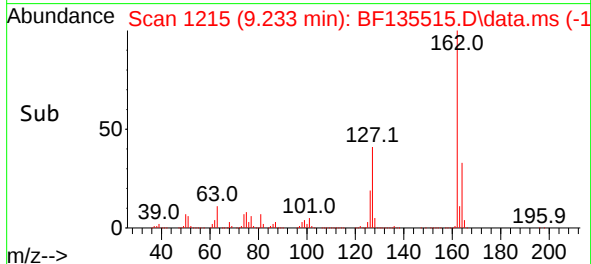
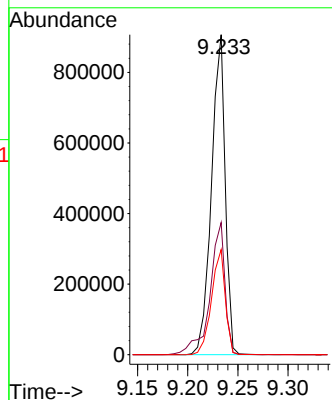
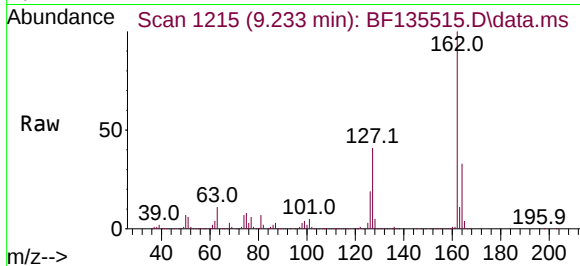




#47
2-Chloronaphthalene
Concen: 52.941 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

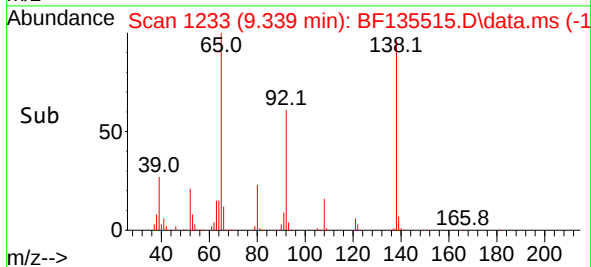
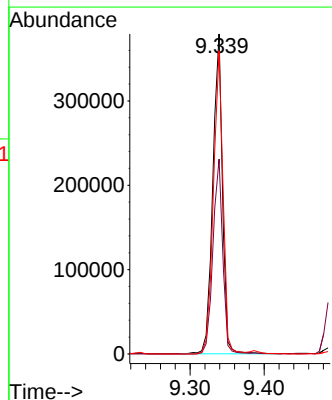
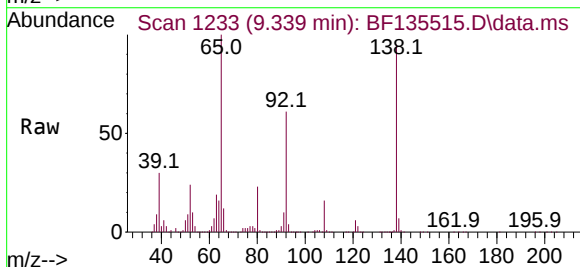
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

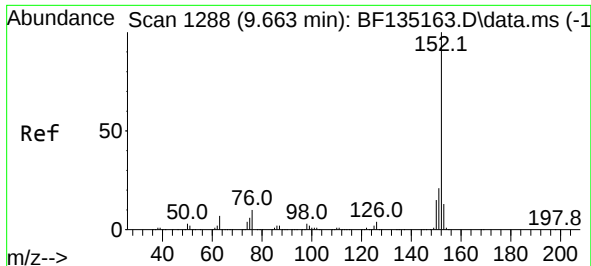
Tgt Ion:162 Resp: 862954
Ion Ratio Lower Upper
162 100
127 41.3 32.6 48.8
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 54.059 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion: 65 Resp: 342337
Ion Ratio Lower Upper
65 100
92 60.9 49.4 74.0
138 94.7 77.4 116.0





#49

Acenaphthylene

Concen: 50.538 ng

RT: 9.645 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

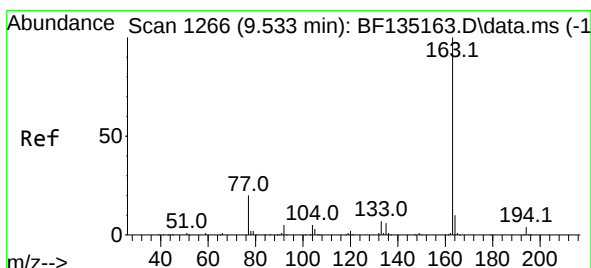
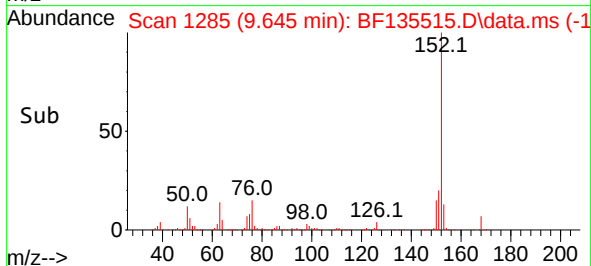
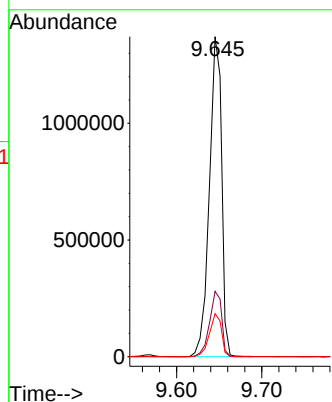
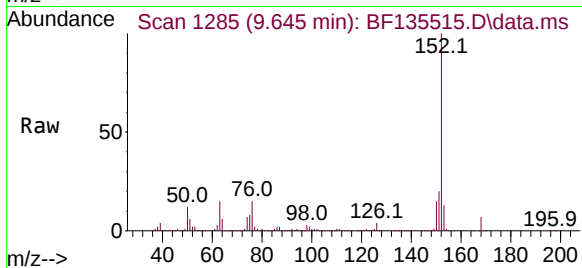
Tgt Ion:152 Resp: 1369067

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 52.962 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

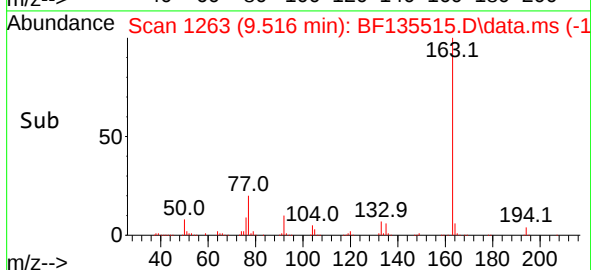
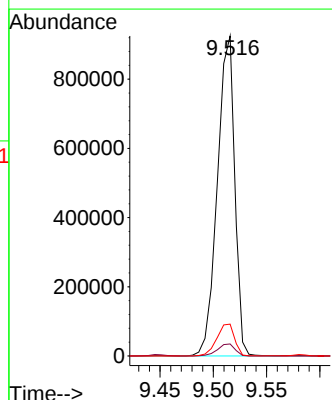
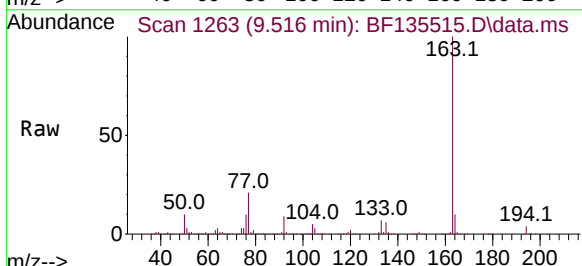
Tgt Ion:163 Resp: 1046803

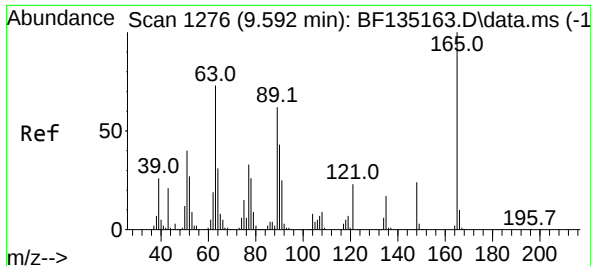
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.877 ng

RT: 9.580 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

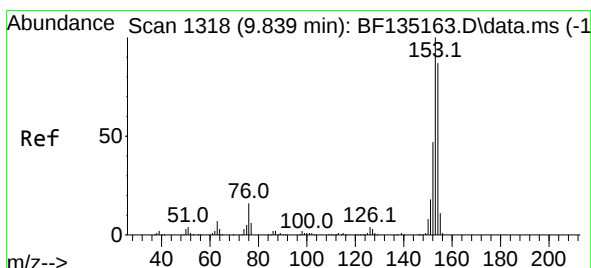
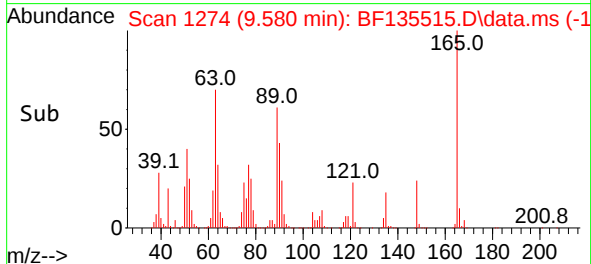
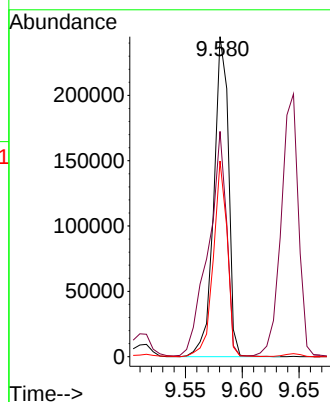
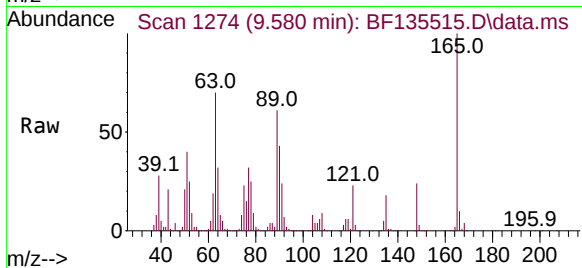
Tgt Ion:165 Resp: 220294

Ion Ratio Lower Upper

165 100

63 70.4 59.4 89.2

89 61.1 49.8 74.8



#52

Acenaphthene

Concen: 49.964 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

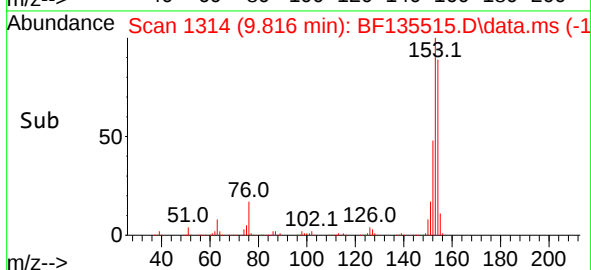
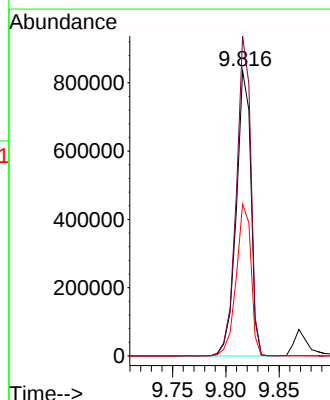
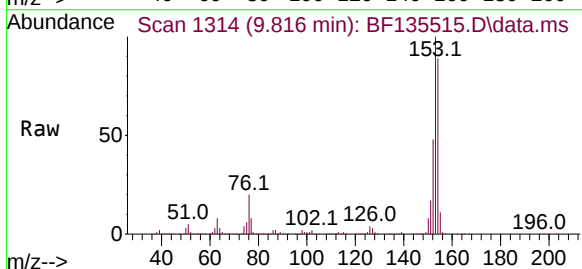
Tgt Ion:154 Resp: 799593

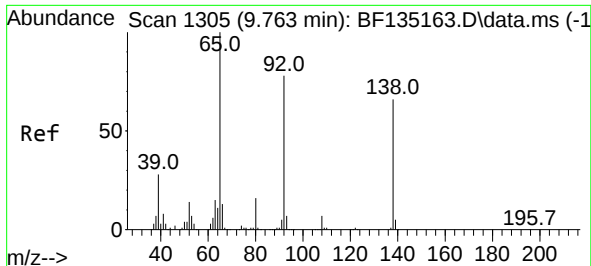
Ion Ratio Lower Upper

154 100

153 112.2 92.1 138.1

152 53.3 43.1 64.7

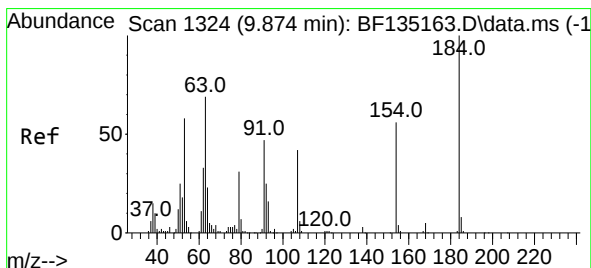
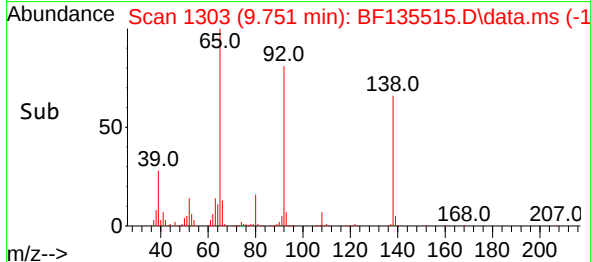
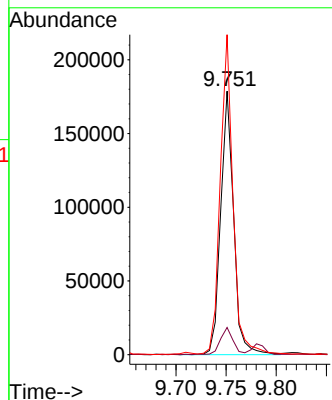
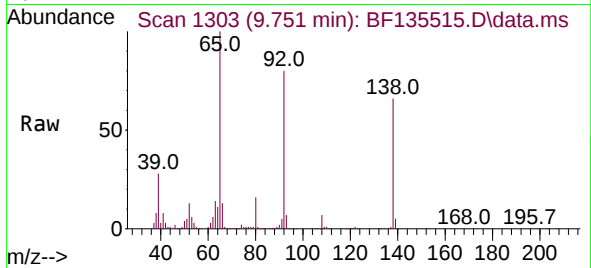




#53
3-Nitroaniline
Concen: 31.529 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

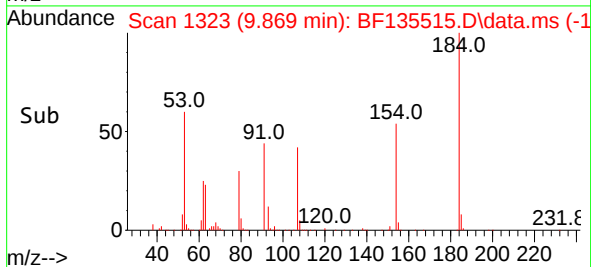
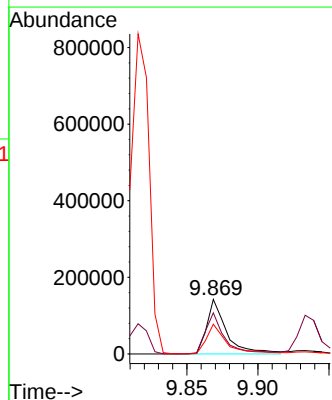
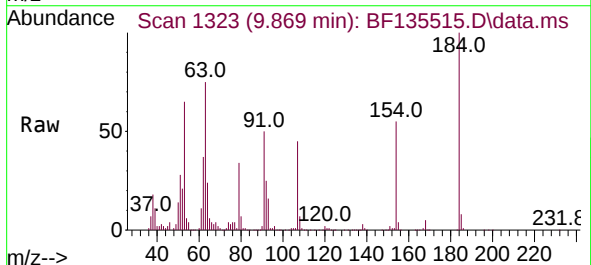
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

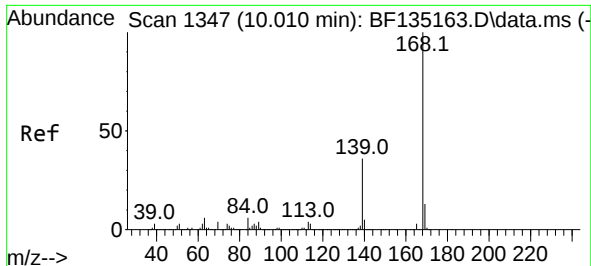
Tgt Ion:138 Resp: 160250
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 121.4 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 57.955 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:184 Resp: 137867
Ion Ratio Lower Upper
184 100
63 75.4 55.1 82.7
154 54.6 48.4 72.6

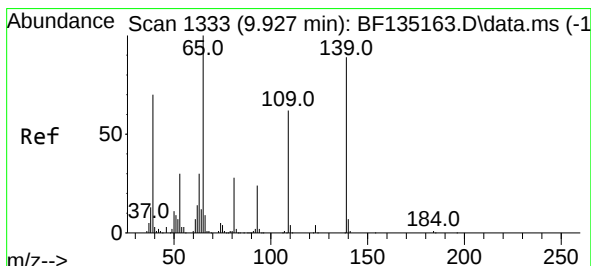
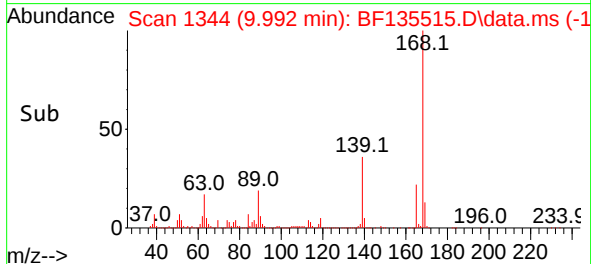
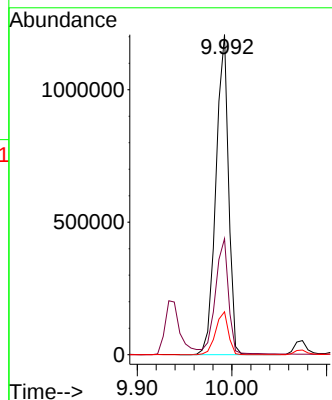
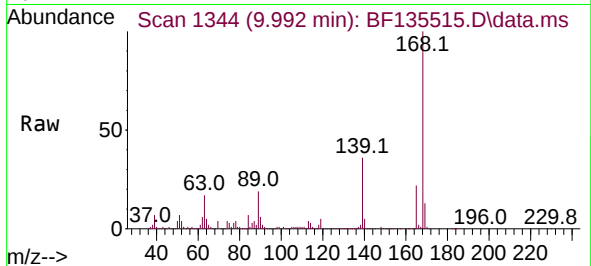




#55
Dibenzenofuran
Concen: 45.868 ng
RT: 9.992 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

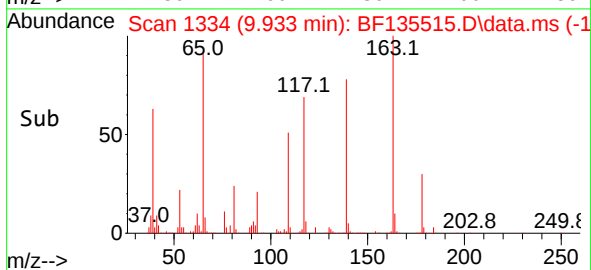
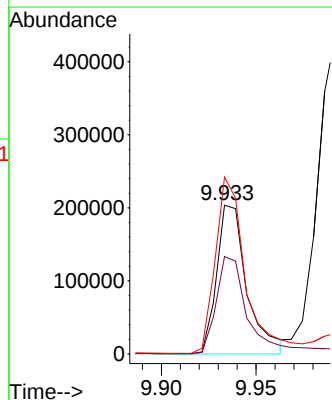
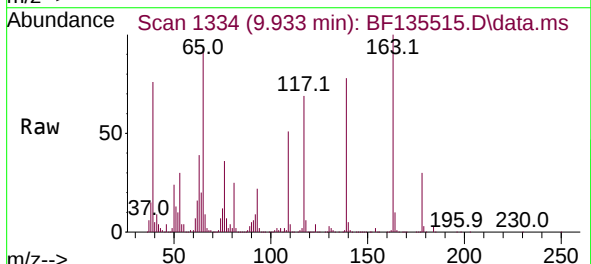
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

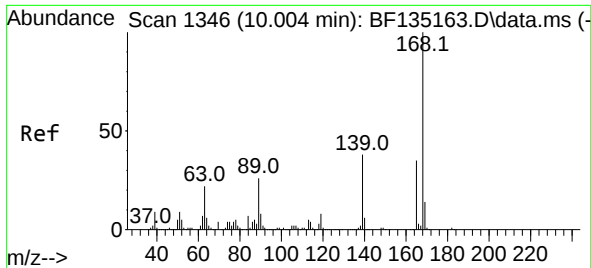
Tgt Ion:168 Resp: 1120137
Ion Ratio Lower Upper
168 100
139 36.3 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 70.056 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:139 Resp: 226300
Ion Ratio Lower Upper
139 100
109 65.5 49.8 89.8
65 118.9 92.7 132.7

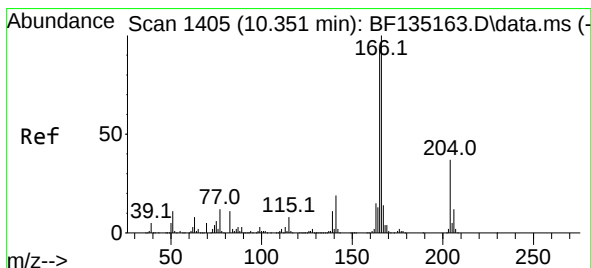
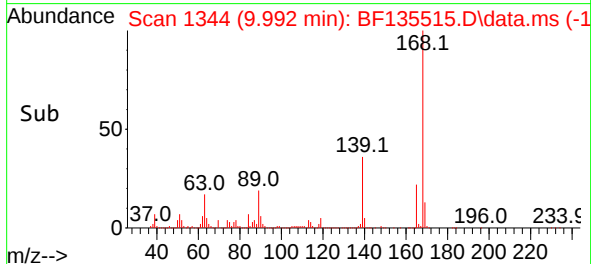
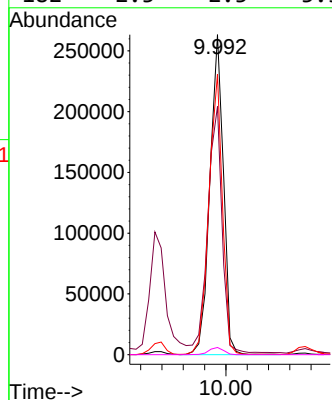
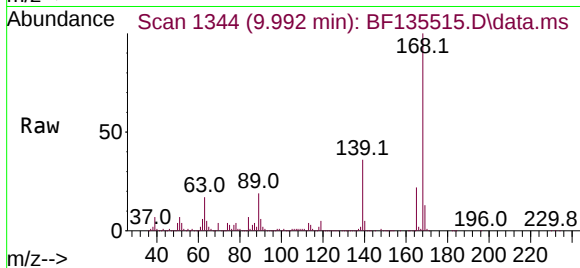




#57
2,4-Dinitrotoluene
Concen: 42.994 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

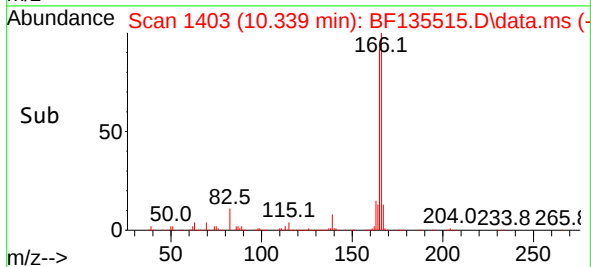
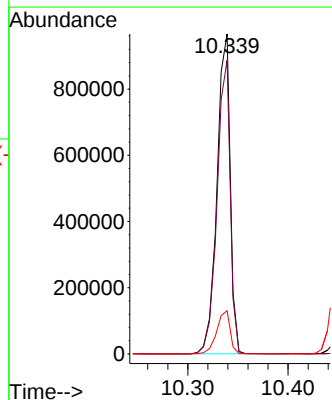
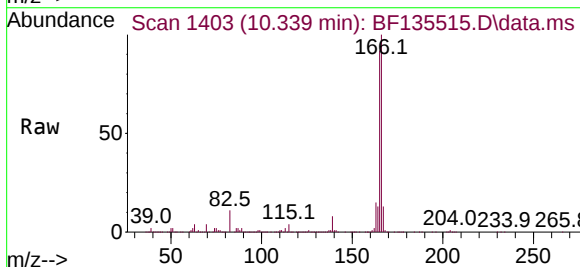
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

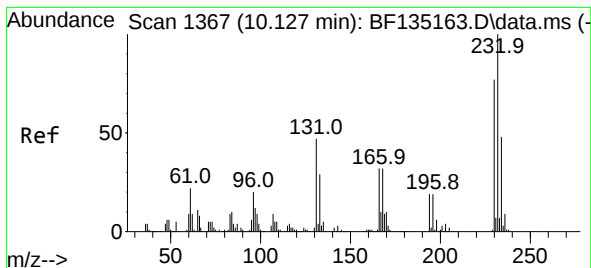
Tgt Ion:165 Resp: 233059
Ion Ratio Lower Upper
165 100
63 77.6 50.1 75.1#
89 87.6 59.3 88.9
182 2.3 2.3 3.5#



#58
Fluorene
Concen: 47.198 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:166 Resp: 886091
Ion Ratio Lower Upper
166 100
165 91.8 74.3 111.5
167 13.5 10.9 16.3

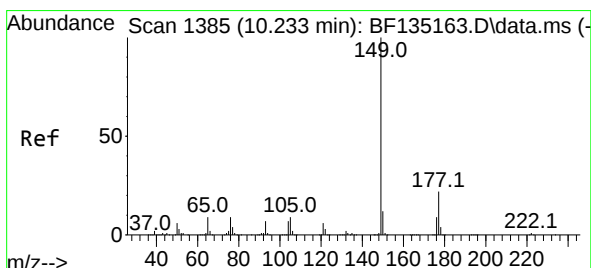
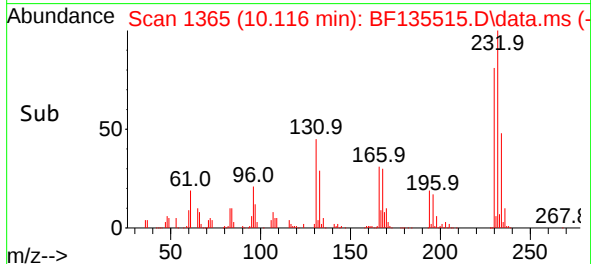
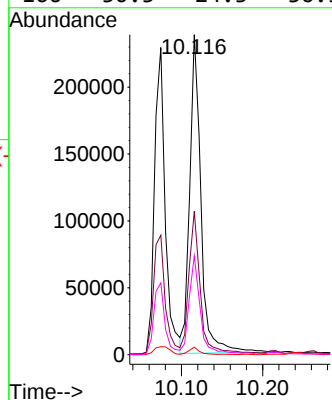
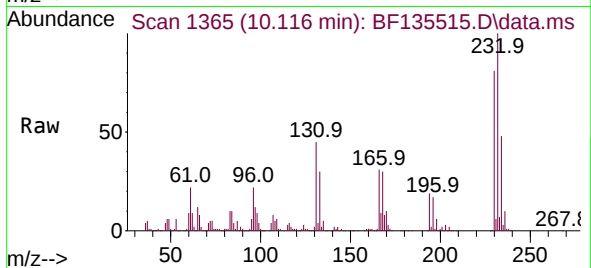




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.807 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

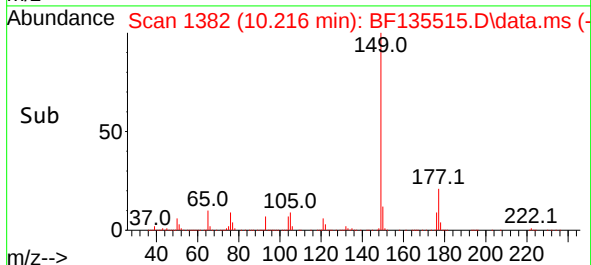
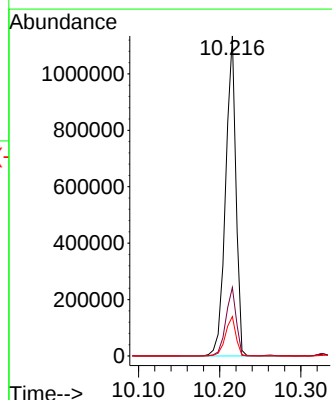
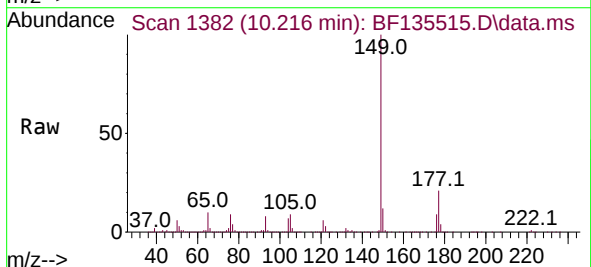
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

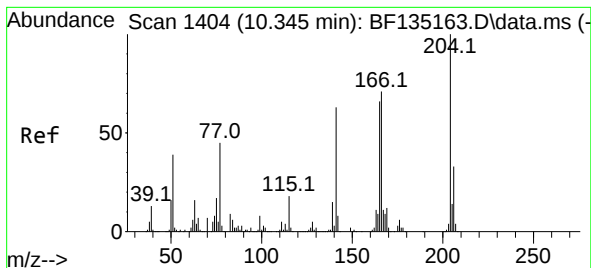
Tgt Ion:232 Resp: 229931
Ion Ratio Lower Upper
232 100
131 44.0 35.4 53.2
130 2.1 1.8 2.8
166 30.3 24.3 36.5



#60
Diethylphthalate
Concen: 50.809 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:149 Resp: 1007850
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.3 10.0 15.0

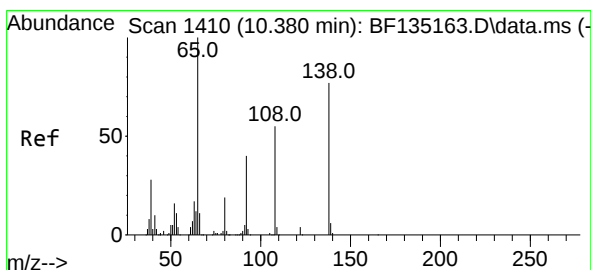
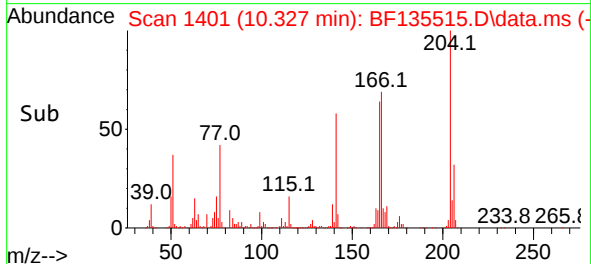
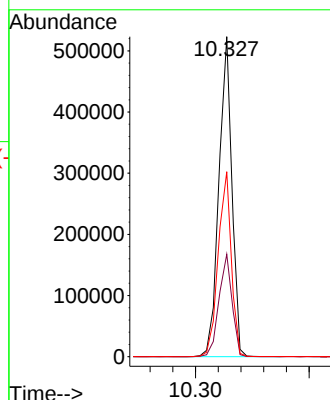
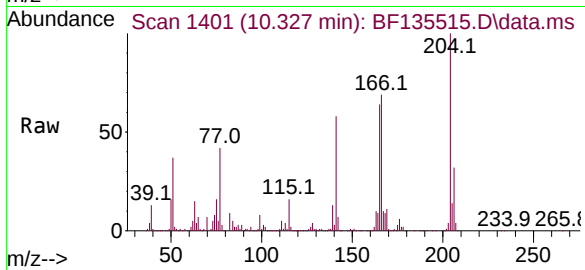




#61
4-Chlorophenyl-phenylether
Concen: 46.154 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

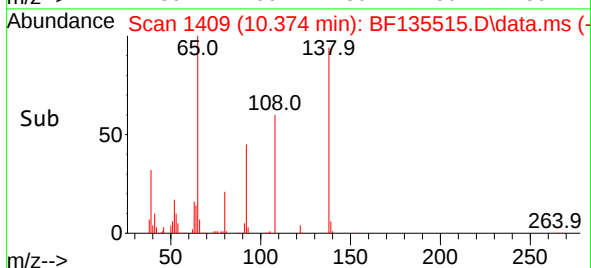
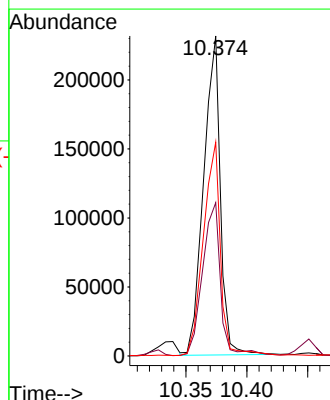
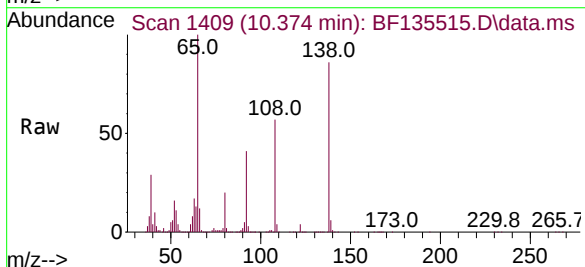
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

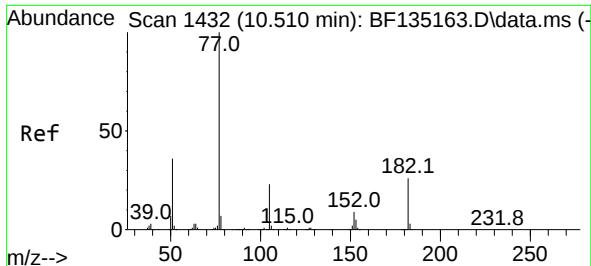
Tgt Ion:204 Resp: 416234
Ion Ratio Lower Upper
204 100
206 32.0 26.7 40.1
141 57.8 50.6 75.8



#62
4-Nitroaniline
Concen: 44.996 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:138 Resp: 219833
Ion Ratio Lower Upper
138 100
92 47.9 31.8 71.8
108 66.8 52.0 92.0

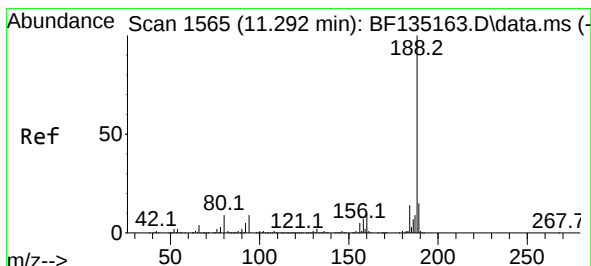
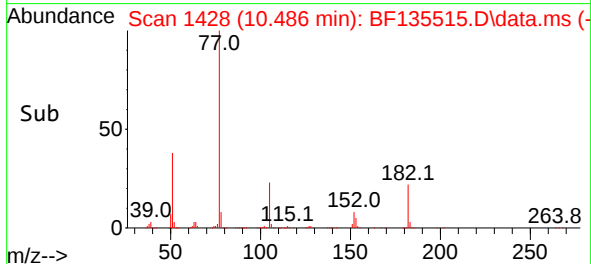
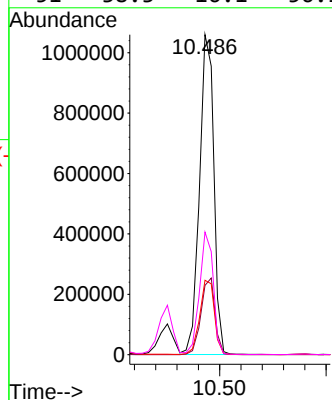
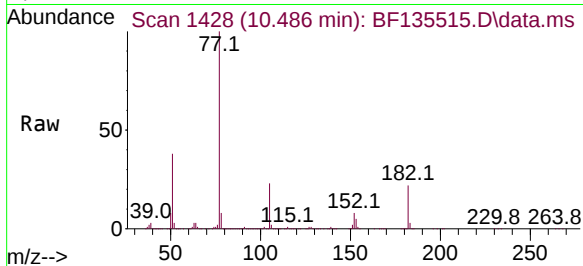




#63
Azobenzene
Concen: 51.113 ng
RT: 10.486 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

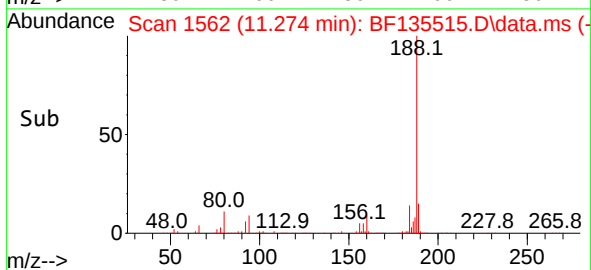
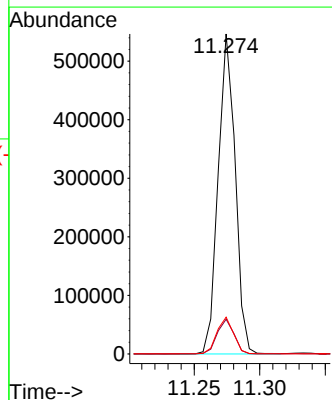
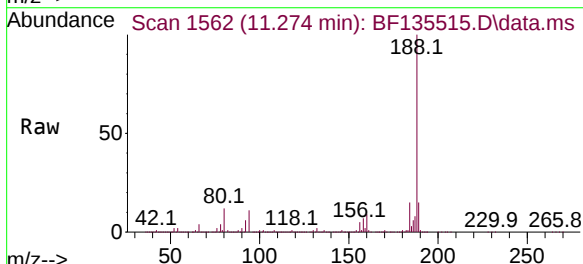
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

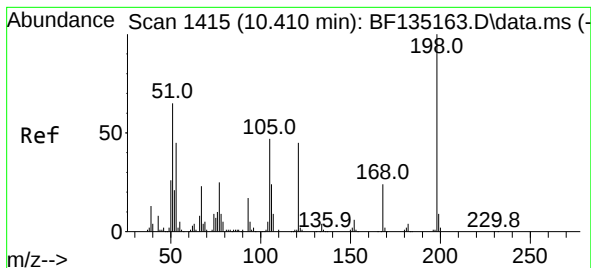
Tgt Ion: 77	Resp: 992293
Ion Ratio	Lower Upper
77 100	
182 21.7	6.4 46.4
105 23.3	3.1 43.1
51 38.3	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:188	Resp: 492769
Ion Ratio	Lower Upper
188 100	
94 10.8	7.0 10.6#
80 11.5	7.5 11.3#

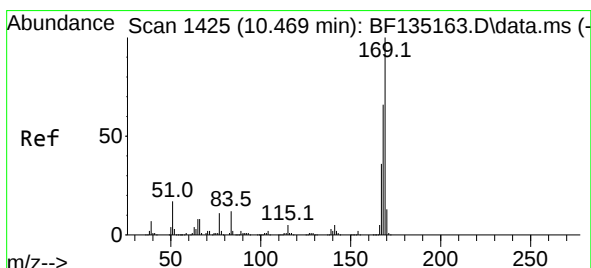
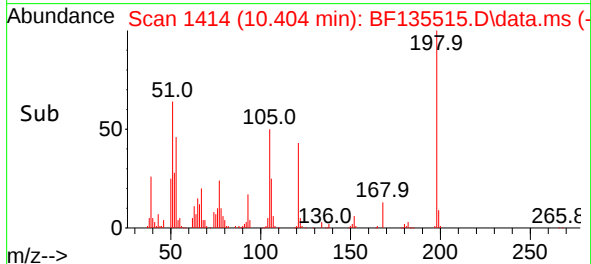
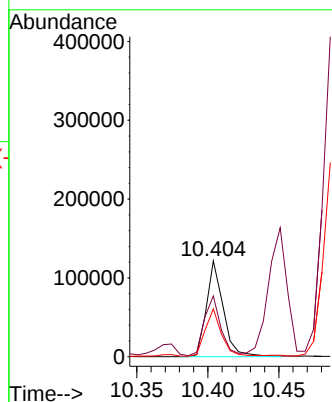
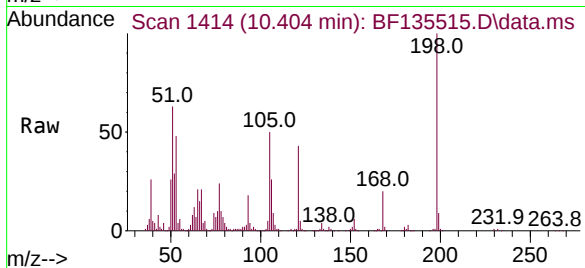




#65
4,6-Dinitro-2-methylphenol
Concen: 38.249 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

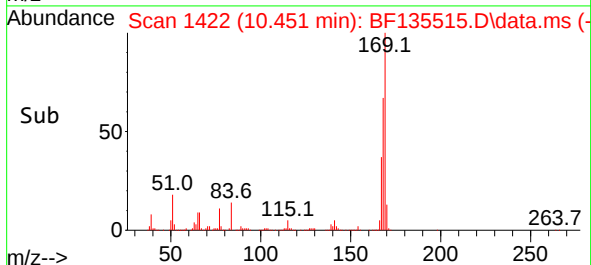
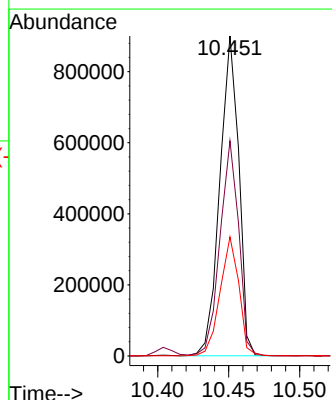
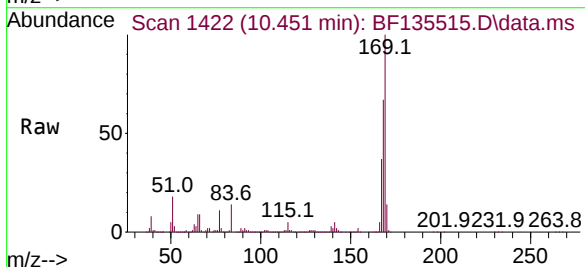
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

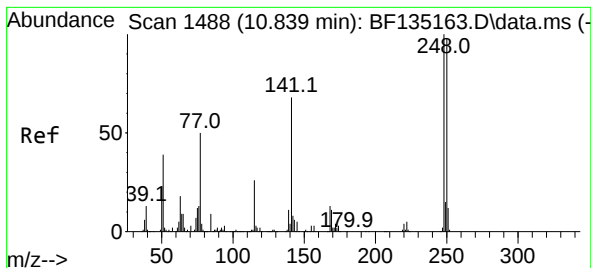
Tgt Ion:198 Resp: 100107
Ion Ratio Lower Upper
198 100
51 63.4 47.7 87.7
105 49.9 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 55.832 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:169 Resp: 832930
Ion Ratio Lower Upper
169 100
168 67.2 52.8 79.2
167 37.2 29.0 43.6

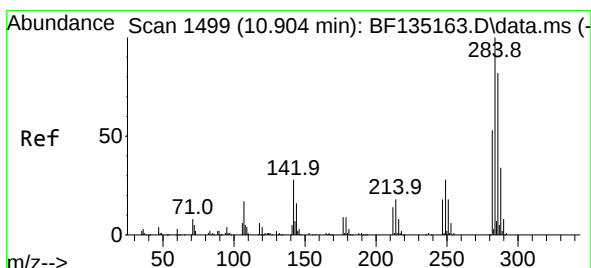
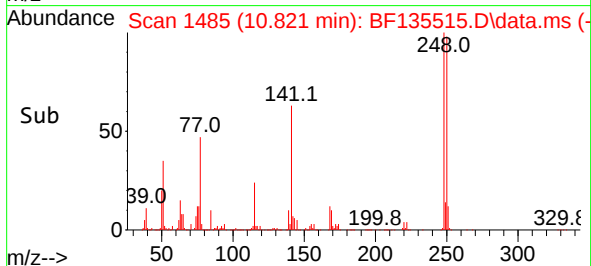
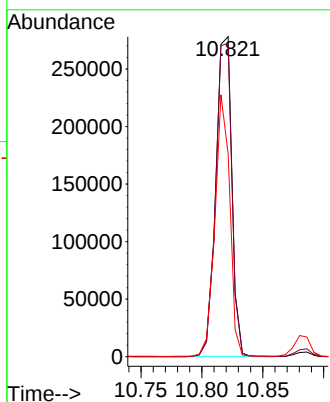
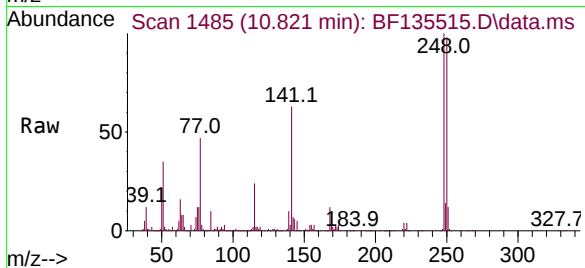




#67
4-Bromophenyl-phenylether
Concen: 52.205 ng
RT: 10.821 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

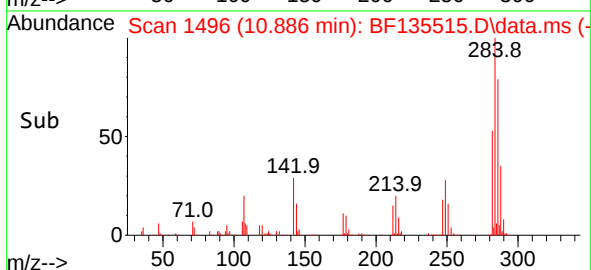
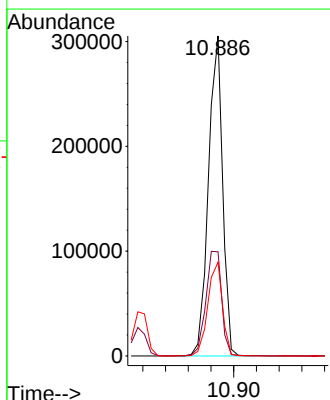
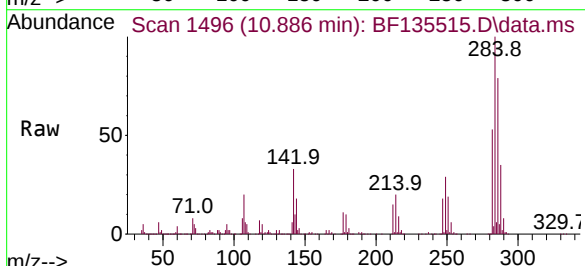
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

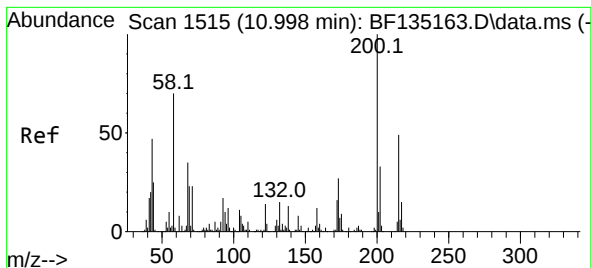
Tgt Ion:248 Resp: 255855
Ion Ratio Lower Upper
248 100
250 98.0 78.6 117.8
141 63.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 52.841 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:284 Resp: 263833
Ion Ratio Lower Upper
284 100
142 32.6 22.2 33.4
249 29.3 22.5 33.7





#69

Atrazine

Concen: 60.362 ng

RT: 10.986 min Scan# 1513

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

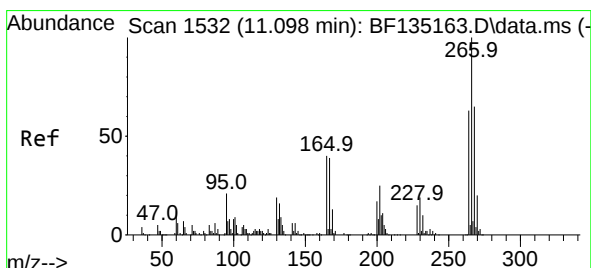
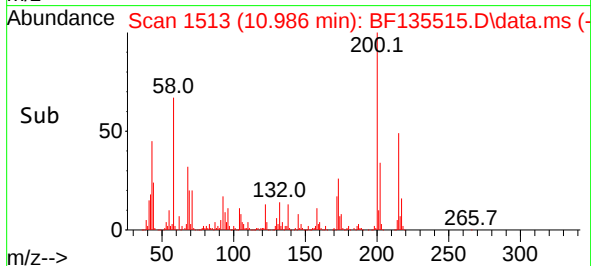
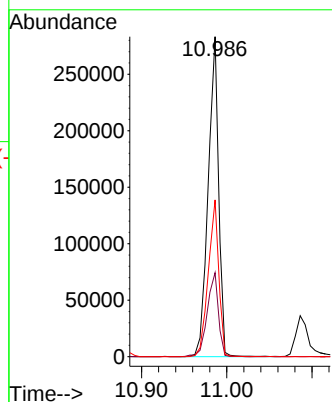
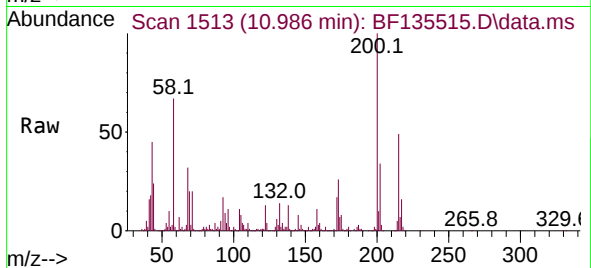
Tgt Ion:200 Resp: 242300

Ion Ratio Lower Upper

200 100

173 26.2 7.4 47.4

215 49.0 28.6 68.6



#70

Pentachlorophenol

Concen: 75.562 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

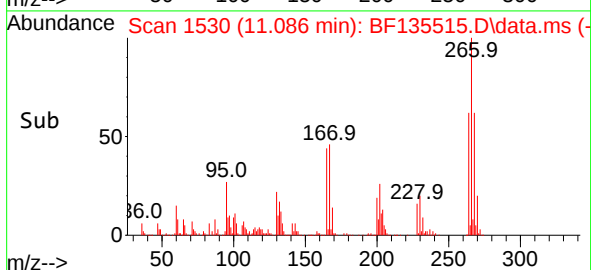
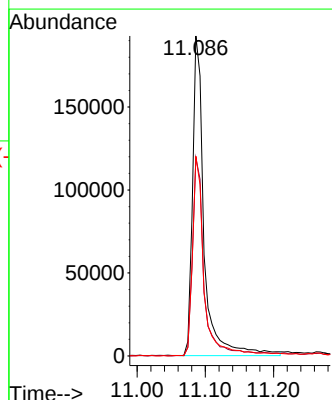
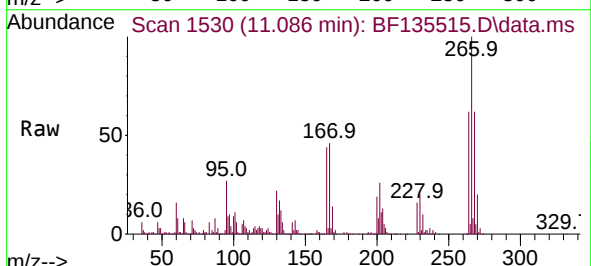
Tgt Ion:266 Resp: 225724

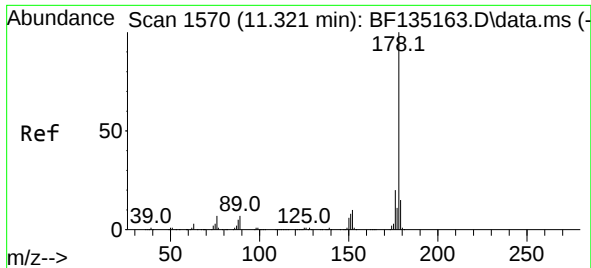
Ion Ratio Lower Upper

266 100

268 62.0 52.1 78.1

264 62.4 50.8 76.2

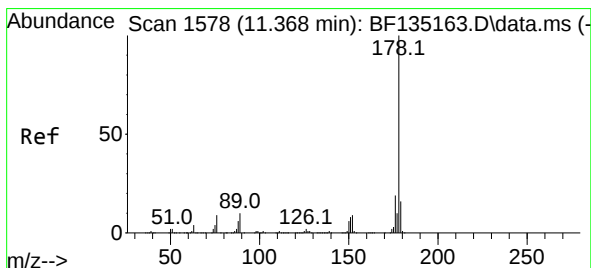
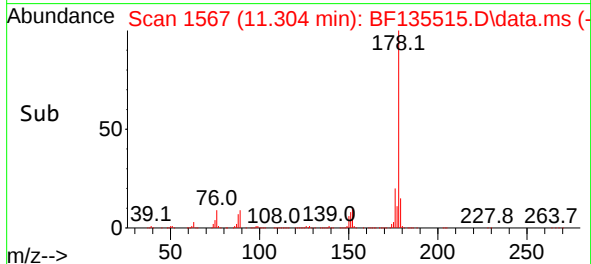
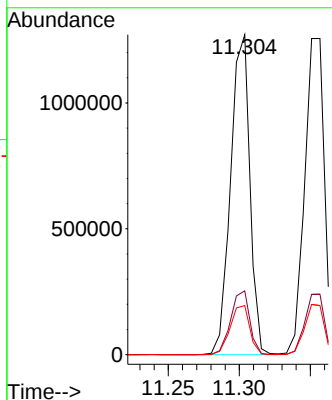
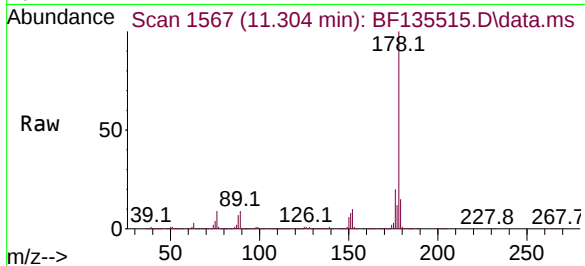




#71
Phenanthrene
Concen: 51.430 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

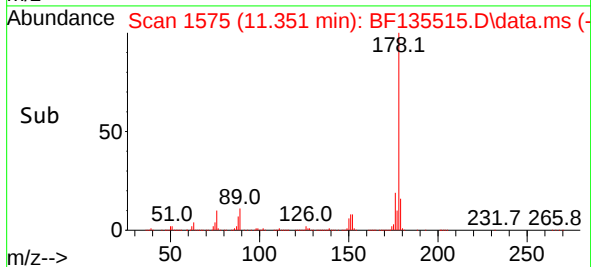
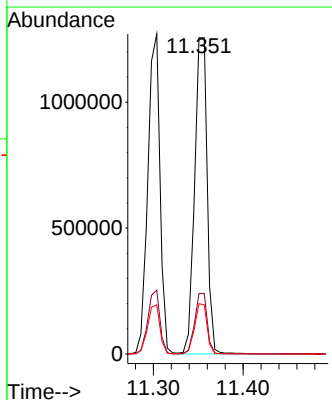
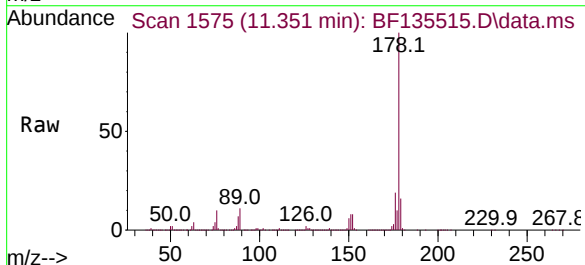
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

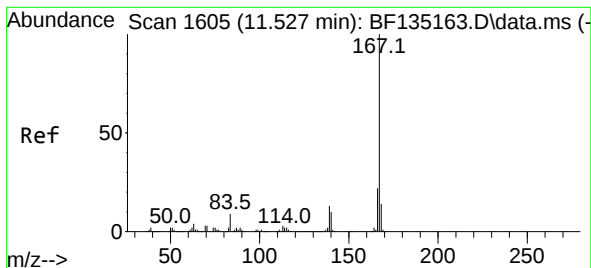
Tgt Ion:178 Resp: 1198631
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.4 12.0 18.0



#72
Anthracene
Concen: 51.007 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:178 Resp: 1221918
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.9 12.6 19.0





#73

Carbazole

Concen: 51.727 ng

RT: 11.516 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

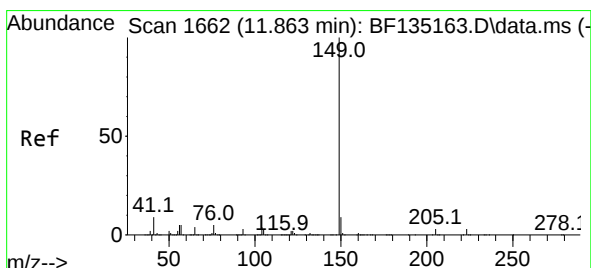
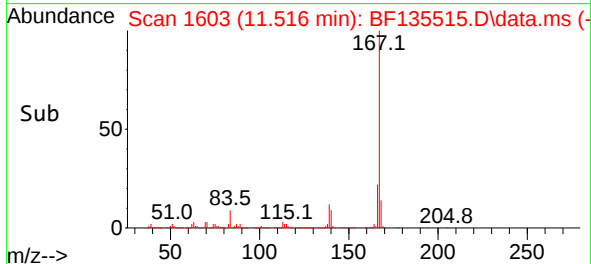
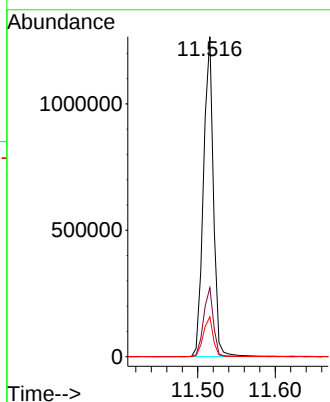
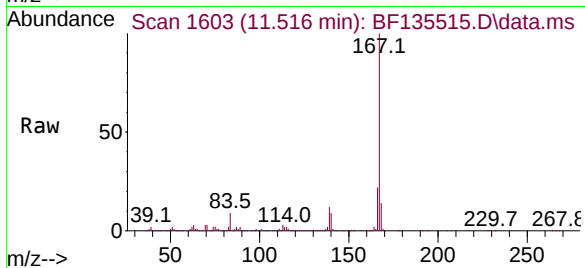
Tgt Ion:167 Resp: 1128043

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 12.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 56.576 ng

RT: 11.845 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

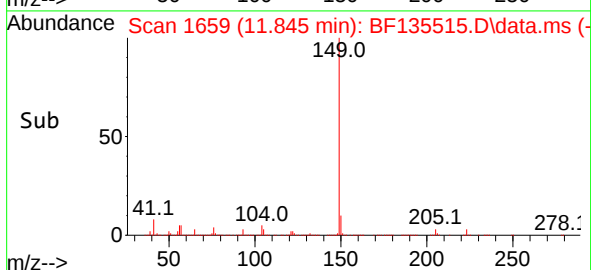
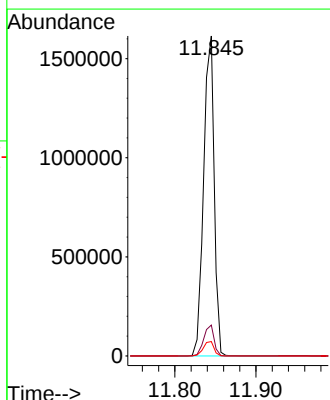
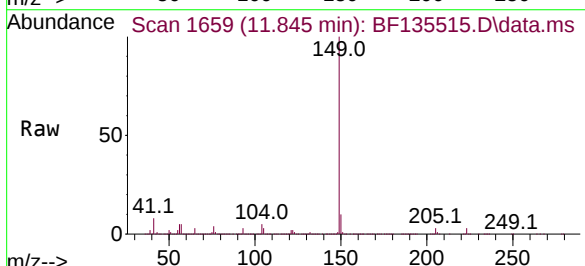
Tgt Ion:149 Resp: 1453839

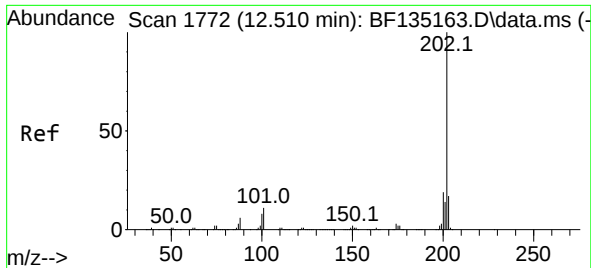
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 4.5 3.6 5.4

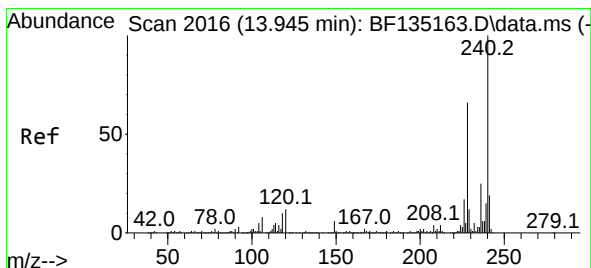
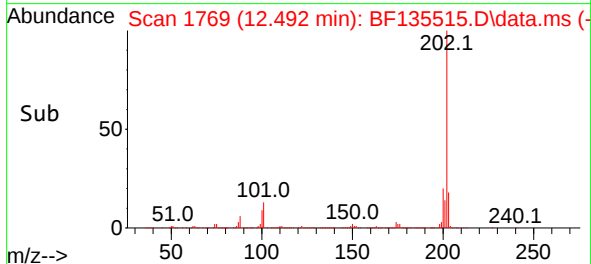
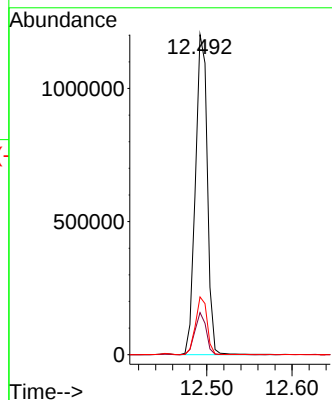
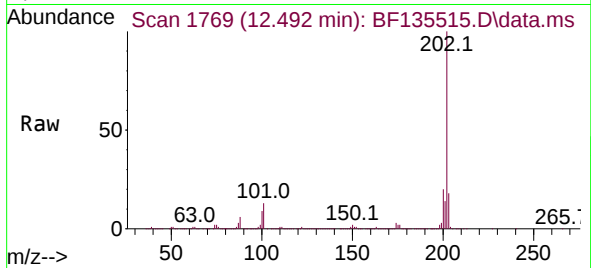




#75
Fluoranthene
Concen: 47.968 ng
RT: 12.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

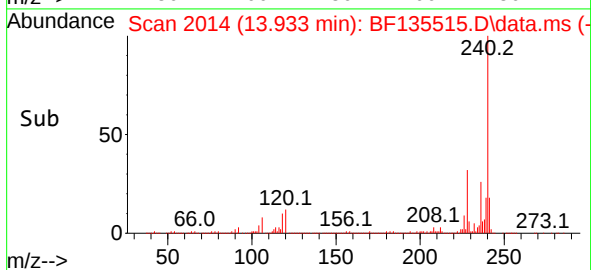
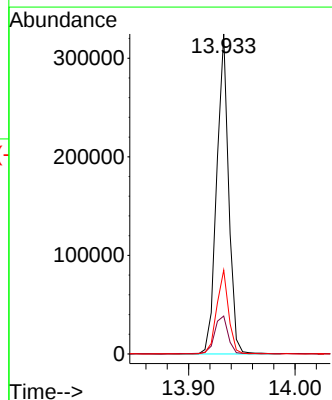
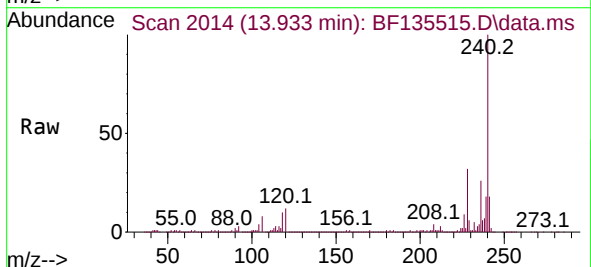
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

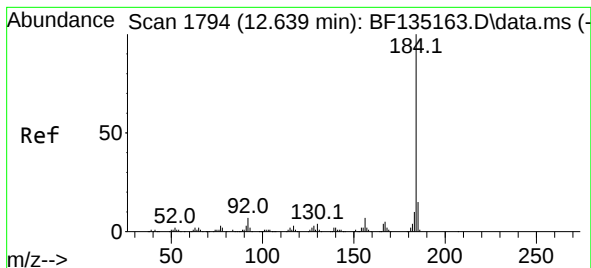
Tgt Ion:202 Resp: 1164869
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.3
203 18.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:240 Resp: 252247
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.2 19.8 29.8





#77

Benzidine

Concen: 34.021 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

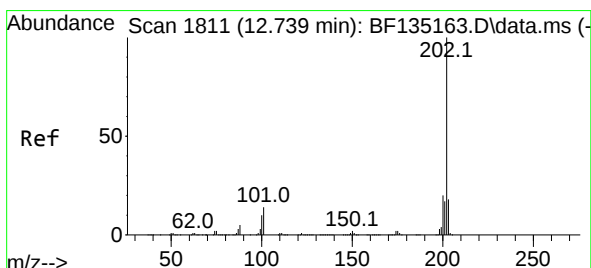
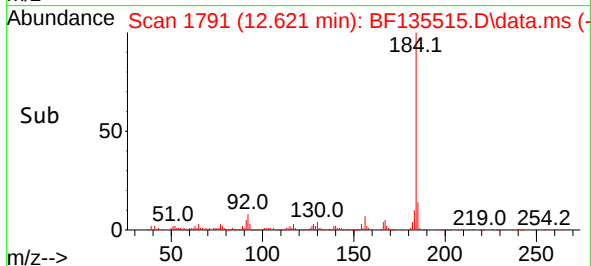
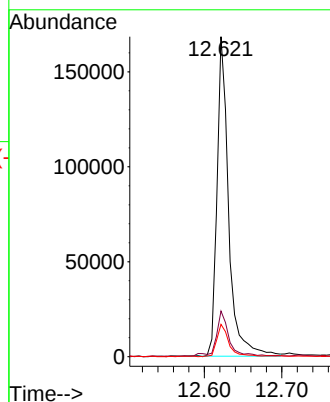
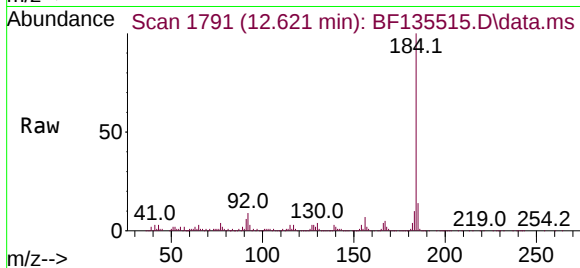
Tgt Ion:184 Resp: 175811

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.1 8.2 12.4



#78

Pyrene

Concen: 48.578 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

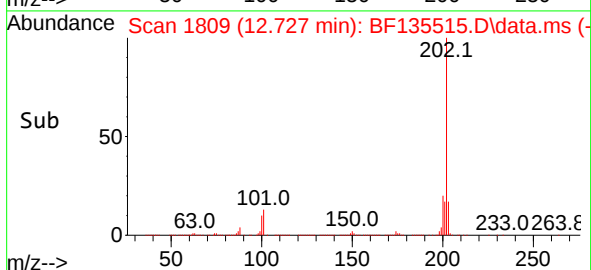
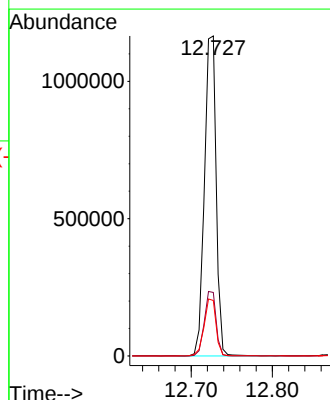
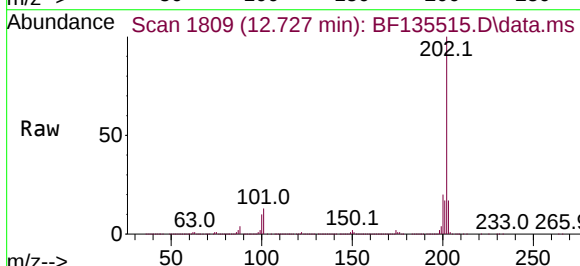
Tgt Ion:202 Resp: 1166633

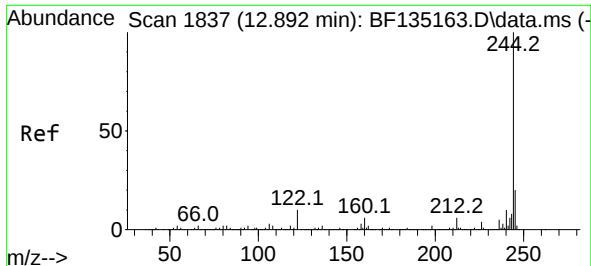
Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

203 17.4 14.2 21.4

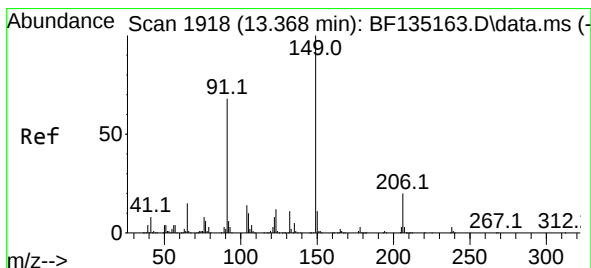
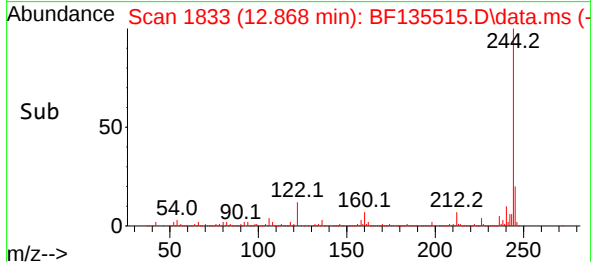
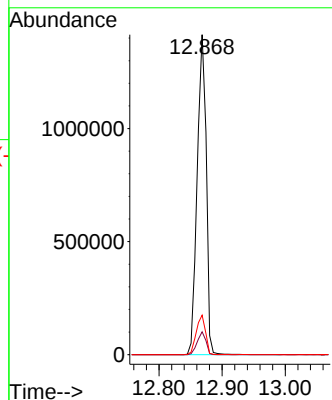
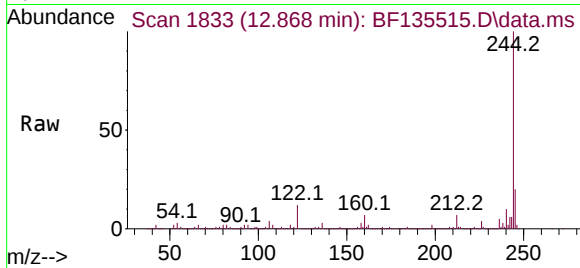




#79
 Terphenyl-d14
 Concen: 86.422 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135515.D
 Acq: 29 Sep 2023 14:41

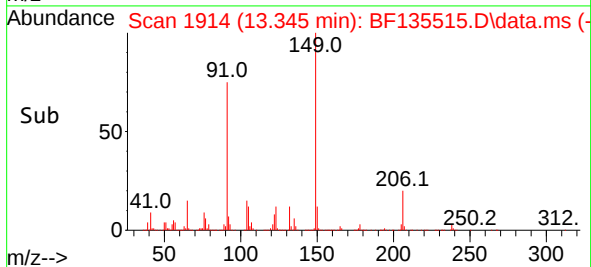
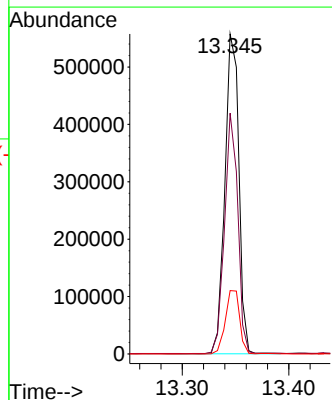
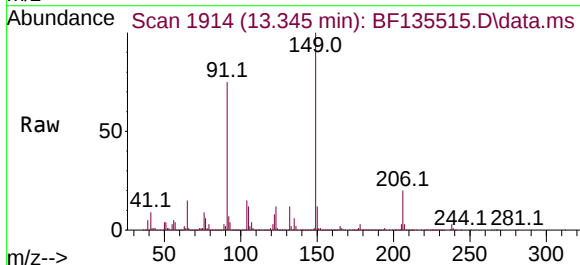
Instrument :
 BNA_F
 ClientSampleId :
 STONE-INMSD

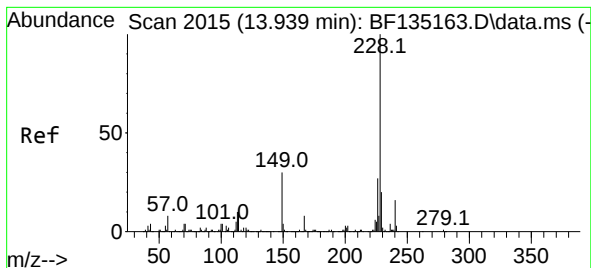
Tgt Ion:244 Resp: 1406250
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 12.3 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 59.799 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF135515.D
 Acq: 29 Sep 2023 14:41

Tgt Ion:149 Resp: 505634
 Ion Ratio Lower Upper
 149 100
 91 75.3 54.7 82.1
 206 19.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 53.882 ng

RT: 13.921 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

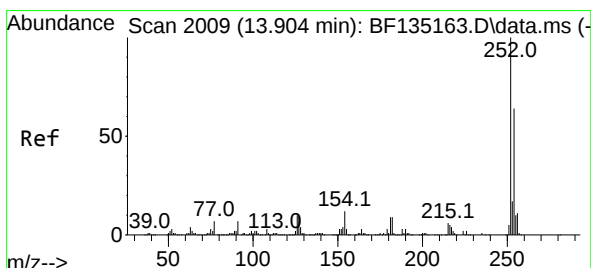
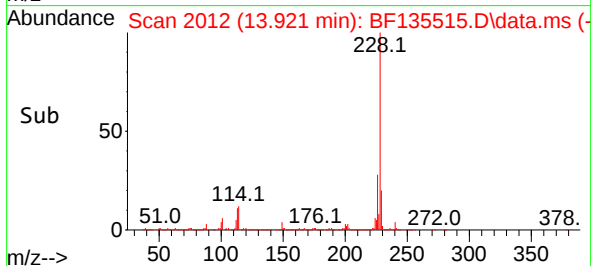
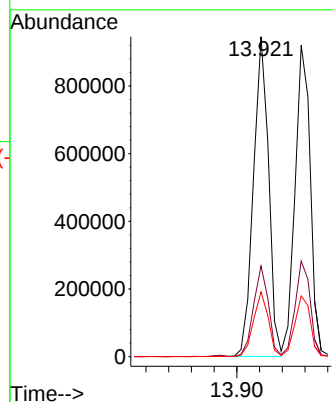
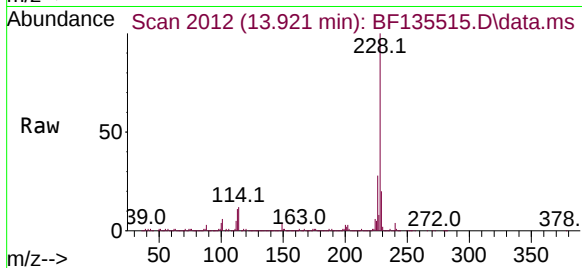
Tgt Ion:228 Resp: 877644

Ion Ratio Lower Upper

228 100

226 28.4 21.7 32.5

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.353 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

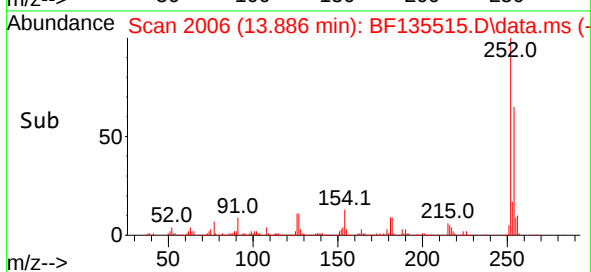
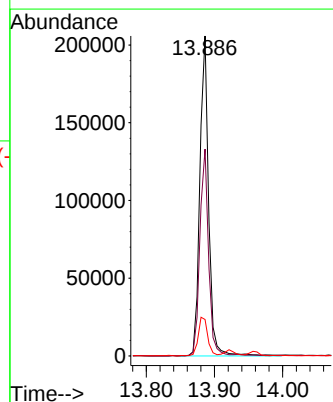
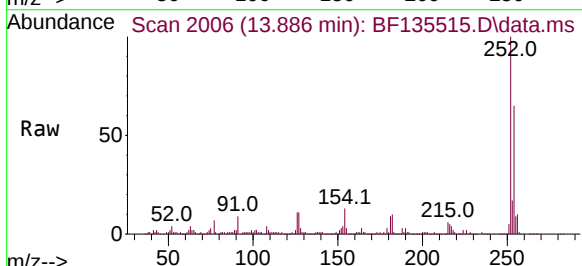
Tgt Ion:252 Resp: 184953

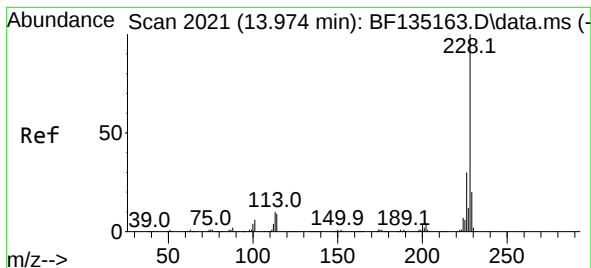
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 11.4 7.8 11.8





#83

Chrysene

Concen: 52.970 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

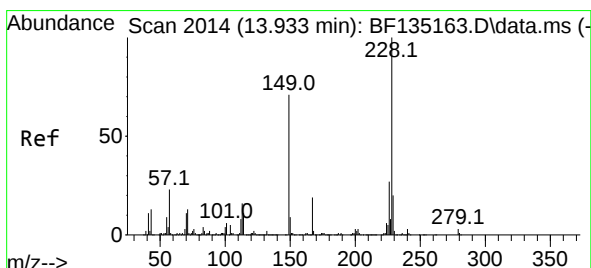
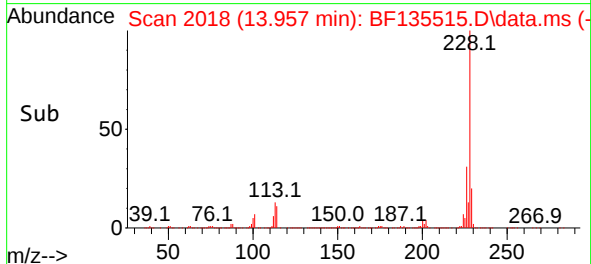
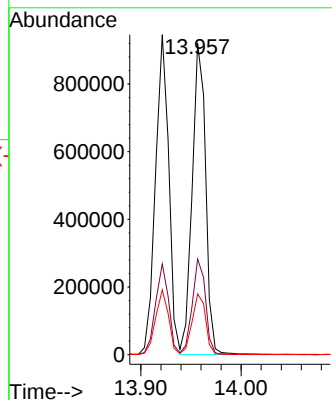
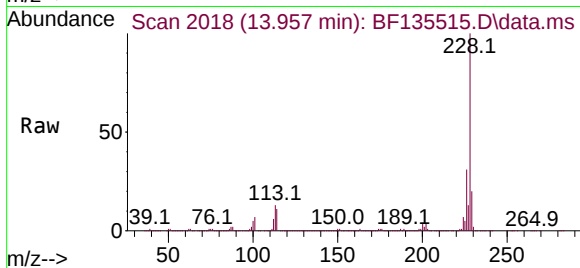
Tgt Ion:228 Resp: 857807

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.318 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

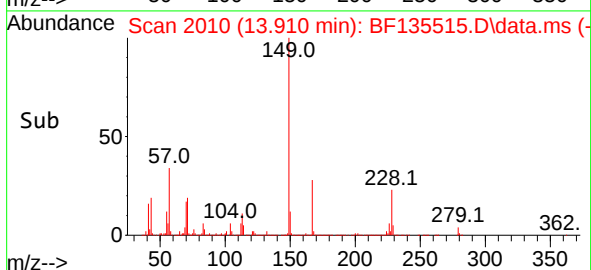
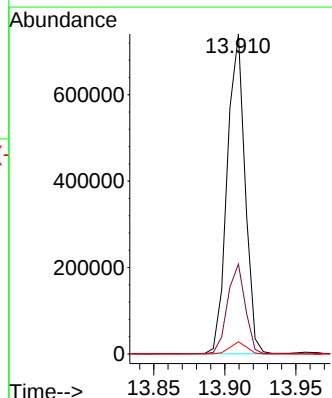
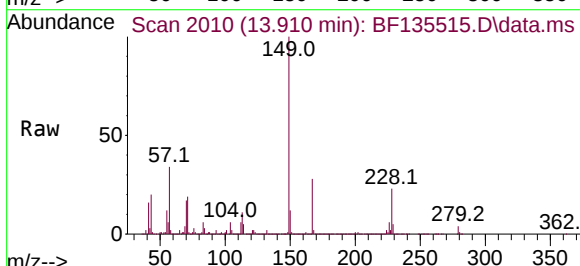
Tgt Ion:149 Resp: 644850

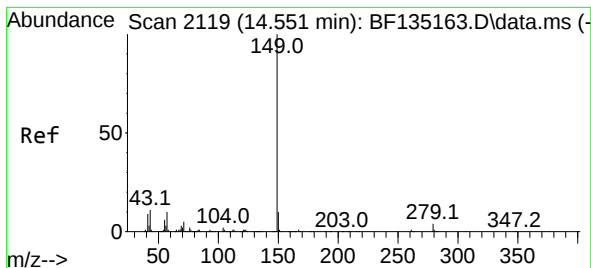
Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 80.353 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

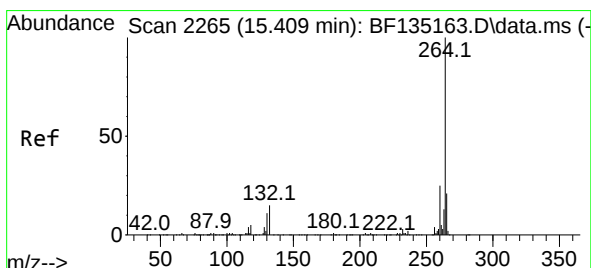
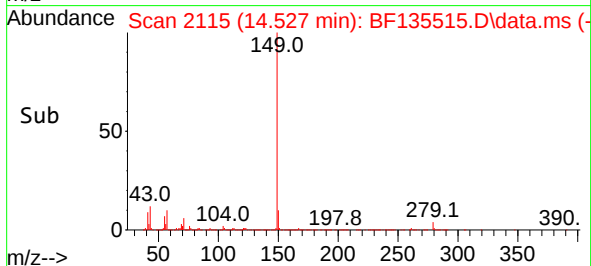
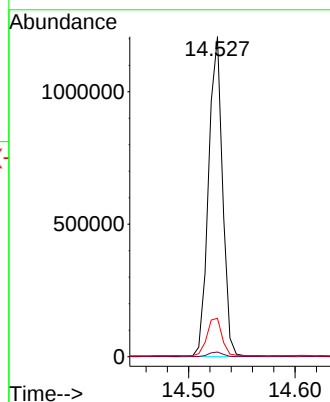
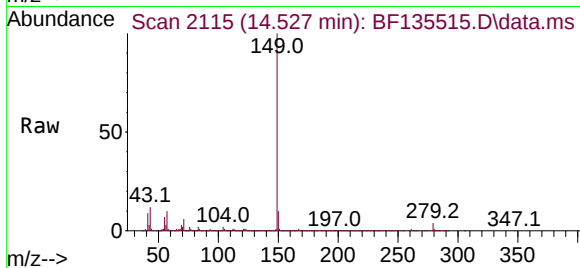
Tgt Ion:149 Resp: 1108007

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

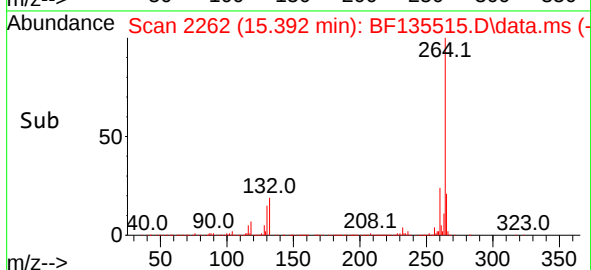
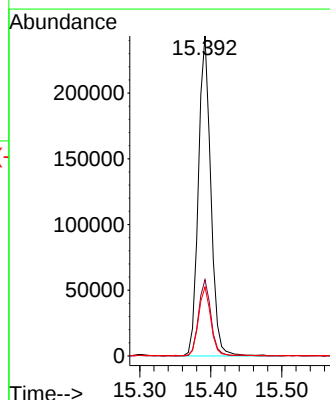
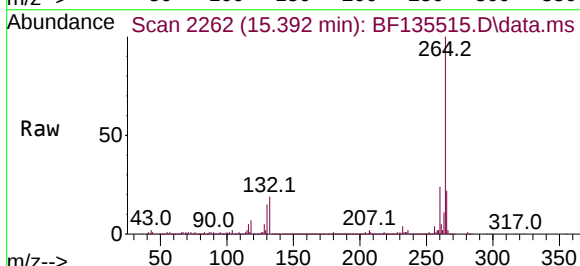
Tgt Ion:264 Resp: 296439

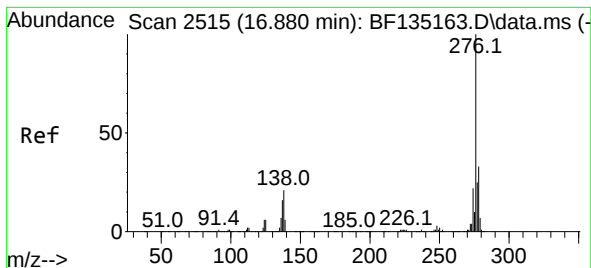
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.132 ng

RT: 16.874 min Scan# 2190

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

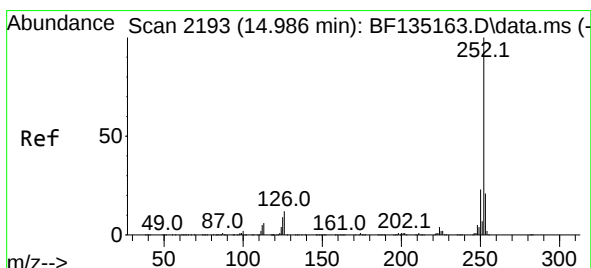
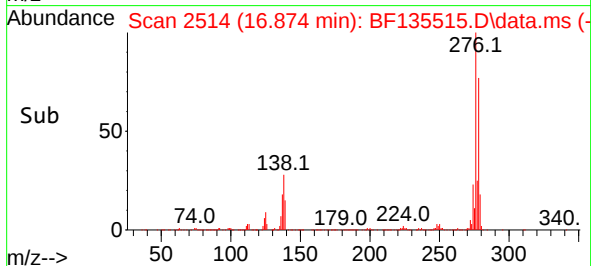
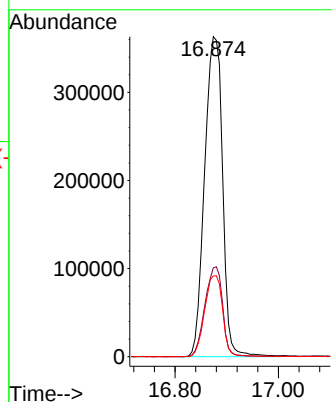
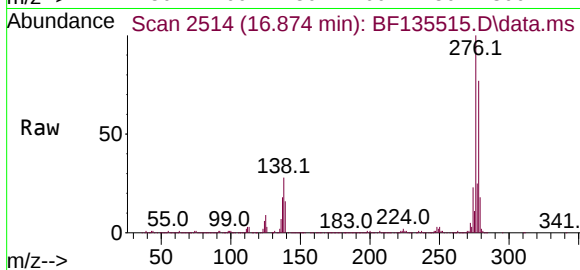
Tgt Ion:276 Resp: 877202

Ion Ratio Lower Upper

276 100

138 27.6 19.2 28.8

277 25.4 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 57.103 ng

RT: 14.968 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

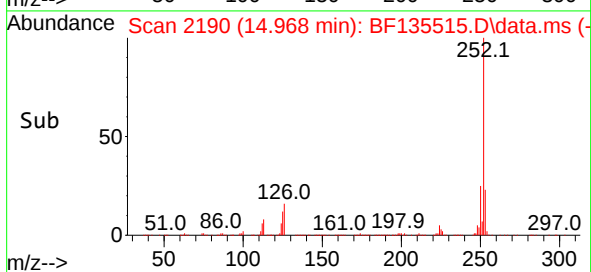
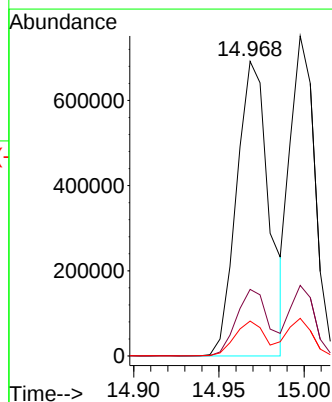
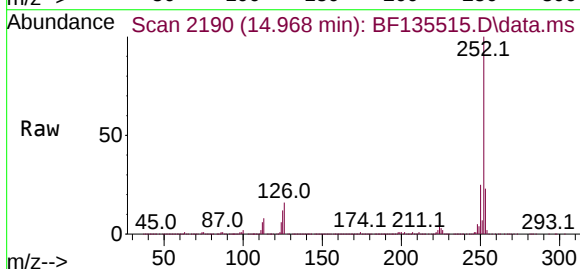
Tgt Ion:252 Resp: 916342

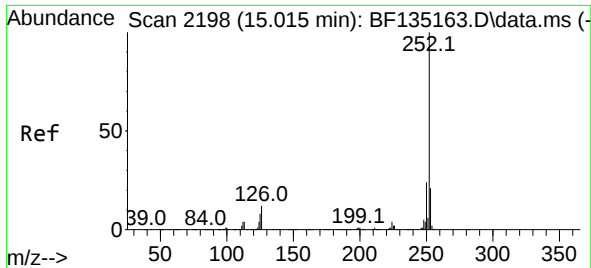
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 11.8 7.1 10.7#

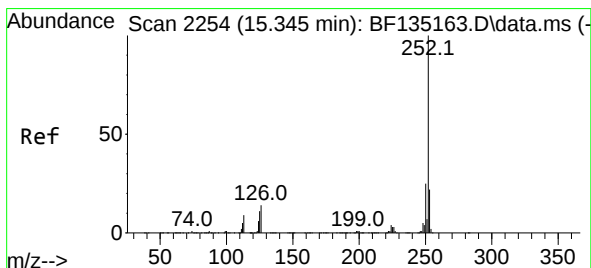
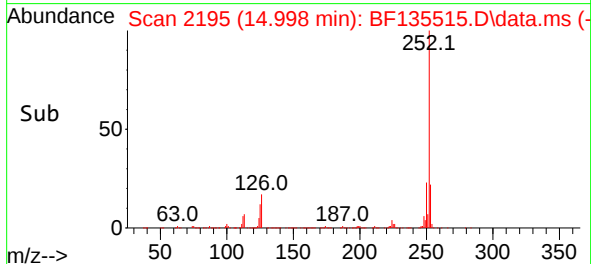
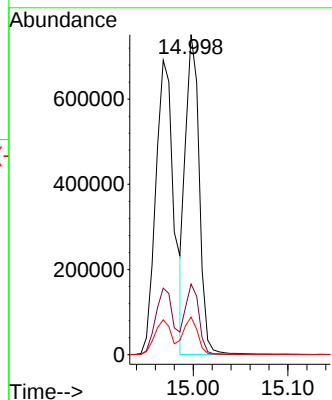
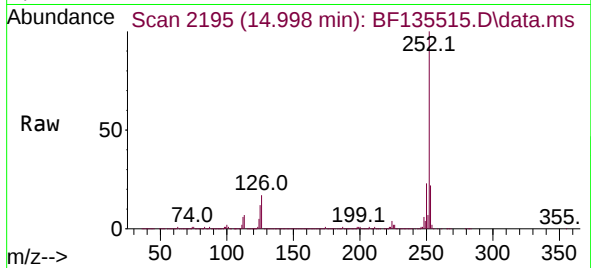




#89
Benzo(k)fluoranthene
Concen: 47.994 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

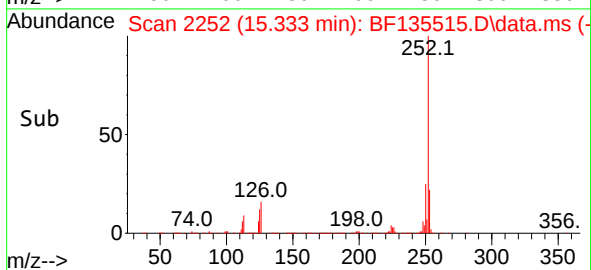
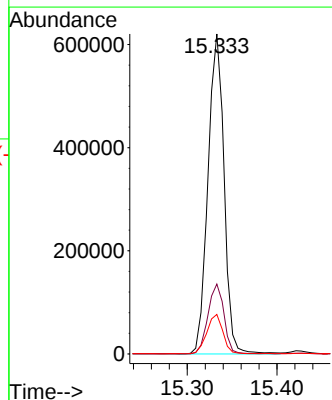
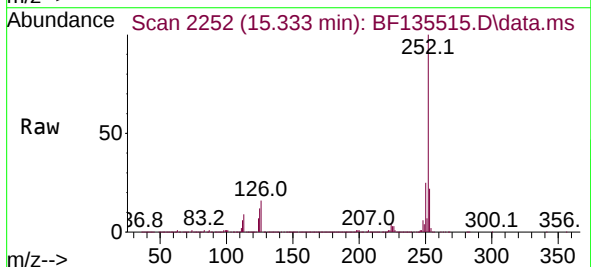
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

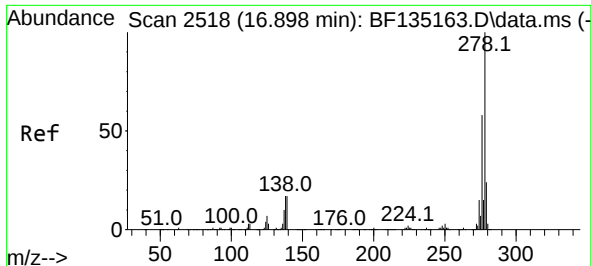
Tgt Ion:252 Resp: 760796
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.7 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 50.480 ng
RT: 15.333 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:252 Resp: 772509
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.4 9.2 13.8

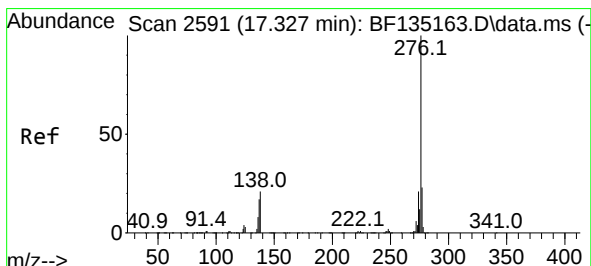
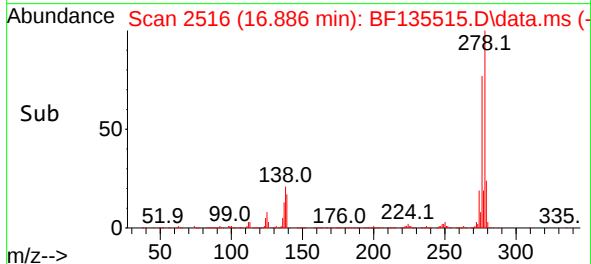
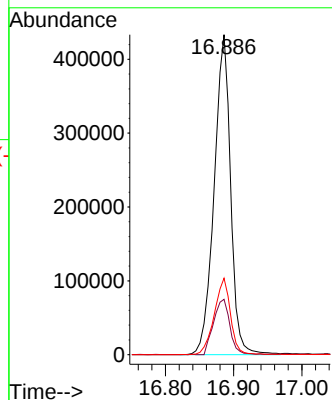
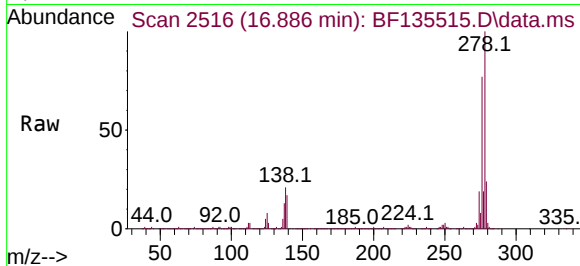




#91
Dibenzo(a,h)anthracene
Concen: 45.886 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

Tgt Ion:278 Resp: 729743
Ion Ratio Lower Upper
278 100
139 17.3 13.4 20.0
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 41.654 ng
RT: 17.321 min Scan# 2590
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:276 Resp: 691829
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 23.9 16.9 25.3

