

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132704.D
 Acq On : 08 Mar 2023 22:39
 Operator : CG\JU
 Sample : 01829-11MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10-20230306MS

Quant Time: Mar 09 04:30:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.992	152	124640	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	411483	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	166755	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	201116	20.000	ng	# 0.05
76) Chrysene-d12	14.262	240	156892	20.000	ng	# 0.06
86) Perylene-d12	15.827	264	147627	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	792605	103.207	ng	0.00
7) Phenol-d6	6.628	99	949879	94.772	ng	0.00
23) Nitrobenzene-d5	7.557	82	597934	68.942	ng	0.00
42) 2,4,6-Tribromophenol	10.857	330	217086	120.544	ng	0.02
45) 2-Fluorobiphenyl	9.351	172	883147	80.641	ng	0.00
79) Terphenyl-d14	13.198	244	664819	71.644	ng	0.07
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	149773	35.256	ng	98
3) Pyridine	3.604	79	414884	36.793	ng	96
4) n-Nitrosodimethylamine	3.534	42	167200	39.255	ng	# 93
6) Aniline	6.722	93	410332	30.422	ng	# 56
8) 2-Chlorophenol	6.786	128	356265	44.697	ng	93
9) Benzaldehyde	6.545	77	166601	30.805	ng	95
10) Phenol	6.639	94	453853	39.497	ng	99
11) bis(2-Chloroethyl)ether	6.722	93	410332	46.257	ng	94
12) 1,3-Dichlorobenzene	6.933	146	377763	44.165	ng	98
13) 1,4-Dichlorobenzene	7.010	146	385046	45.083	ng	99
14) 1,2-Dichlorobenzene	7.163	146	366958	44.769	ng	98
15) Benzyl Alcohol	7.133	79	310562	40.234	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.263	45	450028	39.783	ng	95
17) 2-Methylphenol	7.251	107	284254	38.212	ng	95
18) Hexachloroethane	7.504	117	110803	33.207	ng	94
19) n-Nitroso-di-n-propyla...	7.398	70	239350	38.803	ng	98
20) 3+4-Methylphenols	7.398	107	337649	35.134	ng	# 73
22) Acetophenone	7.398	105	470281	45.325	ng	# 91
24) Nitrobenzene	7.575	77	385467	41.557	ng	98
25) Isophorone	7.810	82	687810	41.364	ng	98
26) 2-Nitrophenol	7.892	139	81512	19.917	ng	90
27) 2,4-Dimethylphenol	7.928	122	288235	44.624	ng	99
28) bis(2-Chloroethoxy)met...	8.016	93	419289	43.105	ng	99
29) 2,4-Dichlorophenol	8.139	162	278644	43.367	ng	97
30) 1,2,4-Trichlorobenzene	8.216	180	307665	44.097	ng	99
31) Naphthalene	8.298	128	885109	42.017	ng	99
32) Benzoic acid	8.057	122	205618	41.004	ng	97
33) 4-Chloroaniline	8.363	127	29787	3.300	ng	# 91
34) Hexachlorobutadiene	8.410	225	202424	45.657	ng	99
35) Caprolactam	8.733	113	82356	38.879	ng	94
36) 4-Chloro-3-methylphenol	8.827	107	267332	37.885	ng	99
37) 2-Methylnaphthalene	8.992	142	544542	37.932	ng	100
38) 1-Methylnaphthalene	9.092	142	515735	38.442	ng	99
40) 1,2,4,5-Tetrachloroben...	9.157	216	308033	56.459	ng	99
41) Hexachlorocyclopentadiene	9.139	237	32215	10.886	ng	95
43) 2,4,6-Trichlorophenol	9.269	196	193596	52.360	ng	97

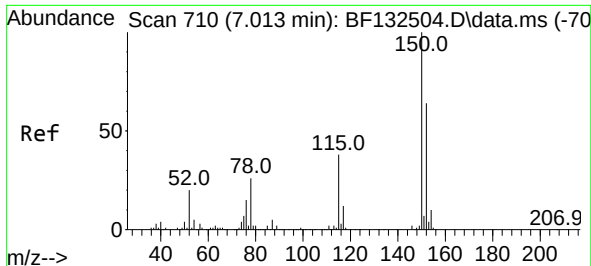
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	198445	45.986	ng	# 94
46) 1,1'-Biphenyl	9.457	154	591067	46.830	ng	97
47) 2-Chloronaphthalene	9.486	162	465380	46.506	ng	98
48) 2-Nitroaniline	9.580	65	158329	42.960	ng	97
49) Acenaphthylene	9.904	152	656576	41.227	ng	96
50) Dimethylphthalate	9.751	163	597163	49.182	ng	99
51) 2,6-Dinitrotoluene	9.816	165	77045	27.863	ng	92
52) Acenaphthene	10.080	154	381806	37.754	ng	99
53) 3-Nitroaniline	9.992	138	42172	13.634	ng	# 84
54) 2,4-Dinitrophenol	10.104	184	4459	4.345	ng	# 1
55) Dibenzofuran	10.251	168	581493	39.442	ng	96
56) 4-Nitrophenol	10.163	139	153359	66.481	ng	# 33
57) 2,4-Dinitrotoluene	10.227	165	83295	22.642	ng	# 88
58) Fluorene	10.604	166	412520	36.581	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.374	232	128300	40.023	ng	# 92
60) Diethylphthalate	10.463	149	476706	40.200	ng	# 90
61) 4-Chlorophenyl-phenyle...	10.592	204	236253	40.384	ng	94
62) 4-Nitroaniline	10.610	138	35040	11.540	ng	# 59
63) Azobenzene	10.757	77	343028	27.314	ng	88
65) 4,6-Dinitro-2-methylph...	10.645	198	2743	2.015	ng	# 1
66) n-Nitrosodiphenylamine	10.710	169	360692	57.527	ng	97
67) 4-Bromophenyl-phenylether	11.098	248	150662	66.227	ng	95
68) Hexachlorobenzene	11.180	284	167924	70.151	ng	# 88
69) Atrazine	11.257	200	21373	10.919	ng	# 1
70) Pentachlorophenol	11.380	266	165108	115.930	ng	100
71) Phenanthrene	11.604	178	486489	46.693	ng	# 87
72) Anthracene	11.657	178	490578	45.725	ng	# 84
73) Carbazole	11.810	167	409074	42.289	ng	# 82
74) Di-n-butylphthalate	12.139	149	414420	36.523	ng	# 86
75) Fluoranthene	12.839	202	438697	38.516	ng	75
77) Benzidine	12.910	184	3154	0.826	ng	# 1
78) Pyrene	13.074	202	609461	42.726	ng	# 89
80) Butylbenzylphthalate	13.657	149	147478	26.200	ng	# 91
81) Benzo(a)anthracene	14.251	228	473839	40.364	ng	# 93
82) 3,3'-Dichlorobenzidine	14.215	252	2609	0.754	ng	# 1
83) Chrysene	14.292	228	455267	41.473	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.204	149	269956	39.040	ng	# 93
85) Di-n-octyl phthalate	14.827	149	394945	39.085	ng	# 86
87) Indeno(1,2,3-cd)pyrene	17.450	276	510218	52.746	ng	# 94
88) Benzo(b)fluoranthene	15.356	252	469477	47.454	ng	# 80
89) Benzo(k)fluoranthene	15.386	252	380363	39.284	ng	# 81
90) Benzo(a)pyrene	15.762	252	368110	39.756	ng	# 79
91) Dibenzo(a,h)anthracene	17.456	278	428032	54.309	ng	96
92) Benzo(g,h,i)perylene	17.939	276	429212	48.183	ng	98

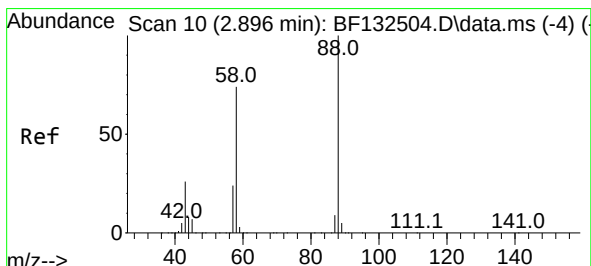
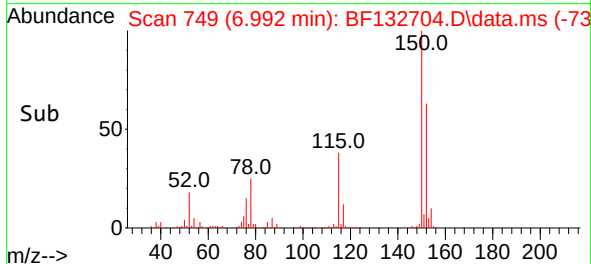
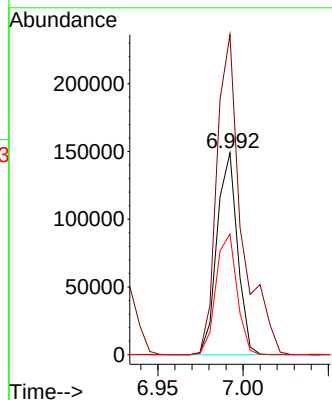
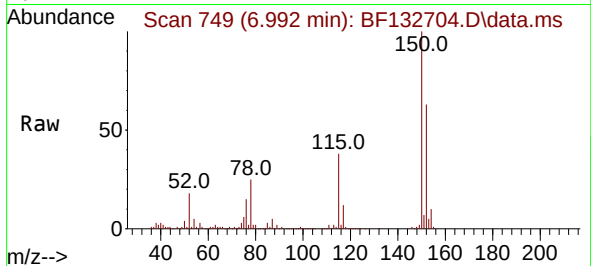
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.992 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF132704.D
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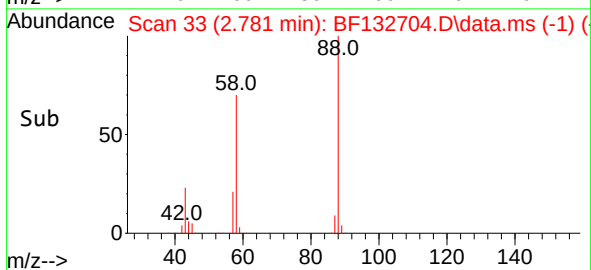
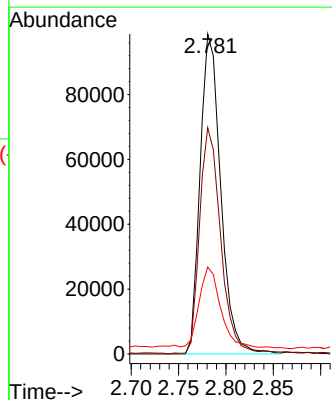
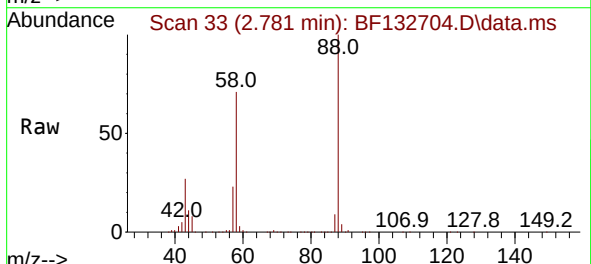
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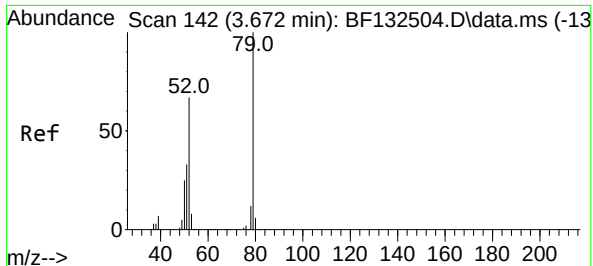
Tgt Ion:152 Resp: 124640
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.4 188.2
 115 59.7 47.8 71.6



#2
 1,4-Dioxane
 Concen: 35.256 ng
 RT: 2.781 min Scan# 33
 Delta R.T. -0.059 min
 Lab File: BF132704.D
 Acq: 08 Mar 2023 22:39

Tgt Ion: 88 Resp: 149773
 Ion Ratio Lower Upper
 88 100
 58 73.3 58.3 87.5
 43 28.4 20.7 31.1





#3

Pyridine

Concen: 36.793 ng

RT: 3.604 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

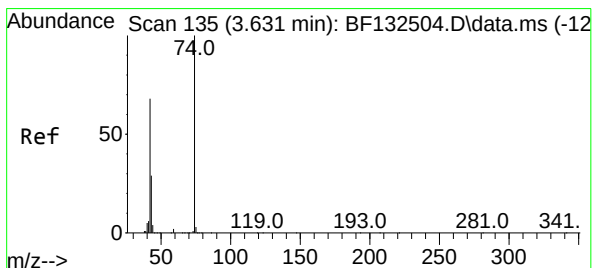
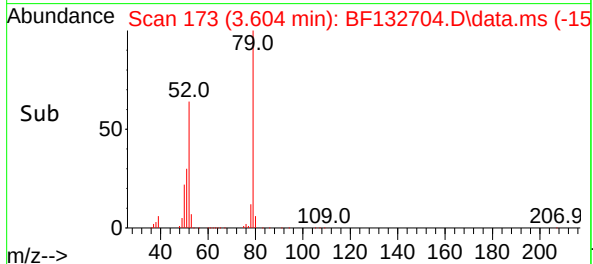
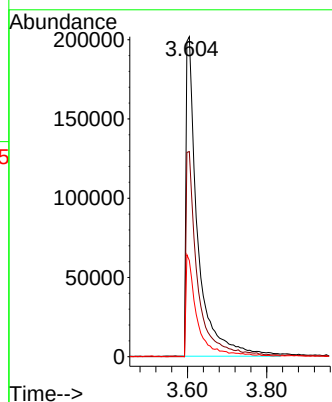
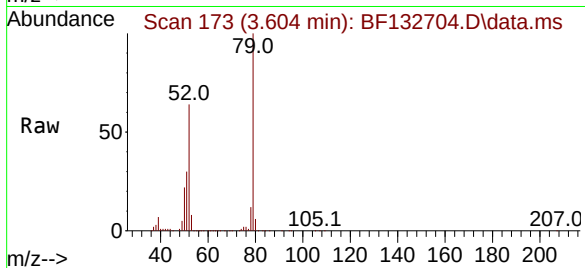
Tgt Ion: 79 Resp: 414884

Ion Ratio Lower Upper

79 100

52 64.1 53.7 80.5

51 30.0 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 39.255 ng

RT: 3.534 min Scan# 161

Delta R.T. -0.059 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

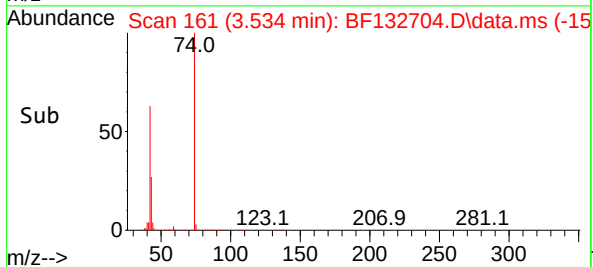
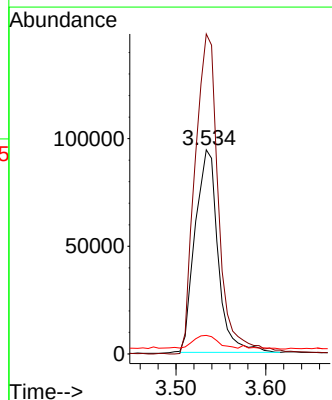
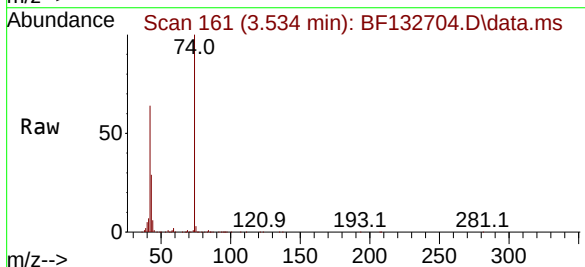
Tgt Ion: 42 Resp: 167200

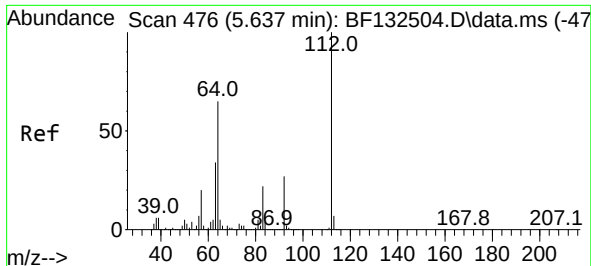
Ion Ratio Lower Upper

42 100

74 156.7 118.2 177.2

44 9.1 5.3 7.9#

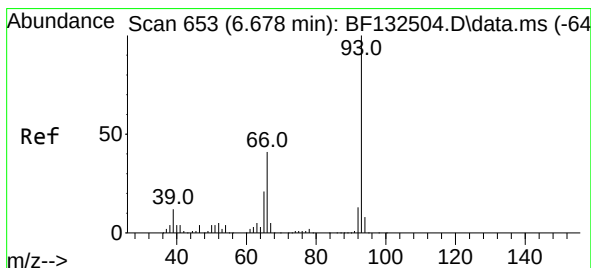
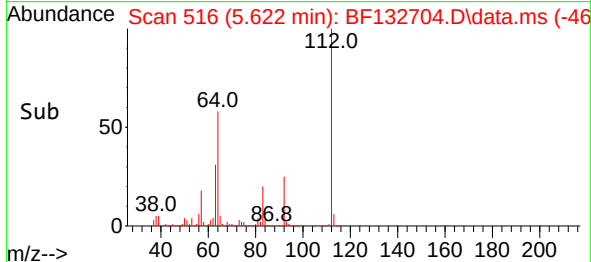
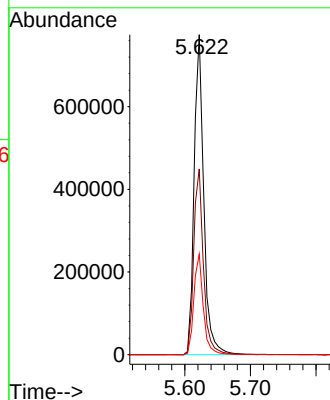
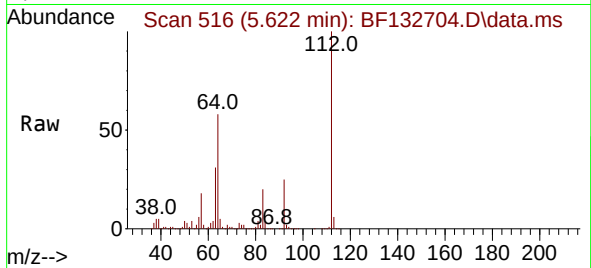




#5
2-Fluorophenol
Concen: 103.207 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

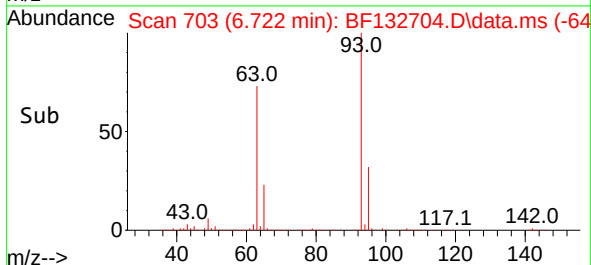
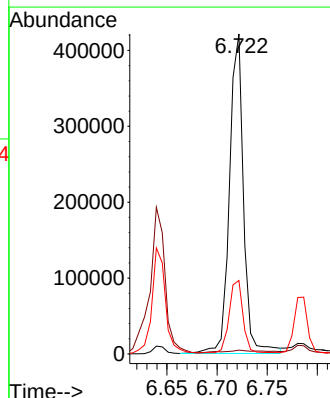
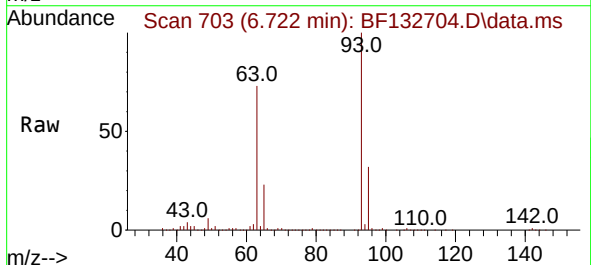
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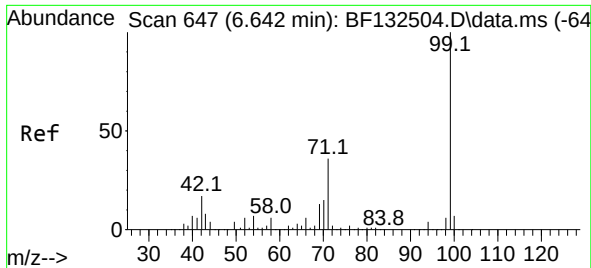
Tgt Ion:112 Resp: 792605
Ion Ratio Lower Upper
112 100
64 58.1 51.6 77.4
63 31.4 27.4 41.2



#6
Aniline
Concen: 30.422 ng
RT: 6.722 min Scan# 703
Delta R.T. 0.064 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 93 Resp: 410332
Ion Ratio Lower Upper
93 100
66 1.2 32.5 48.7#
65 23.0 16.6 24.8

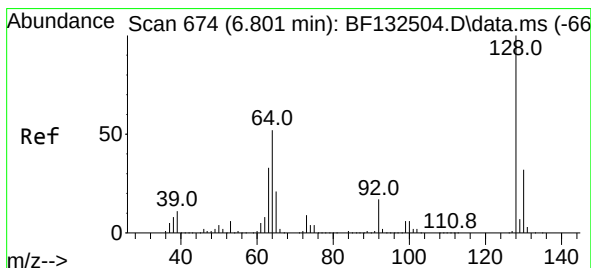
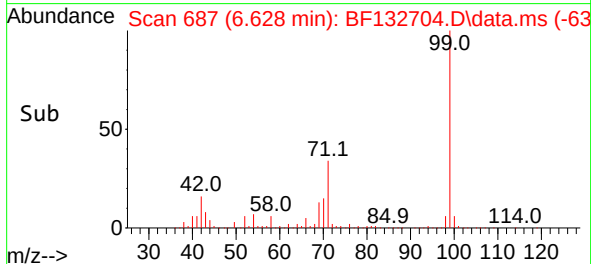
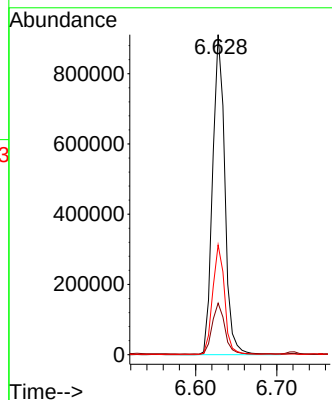
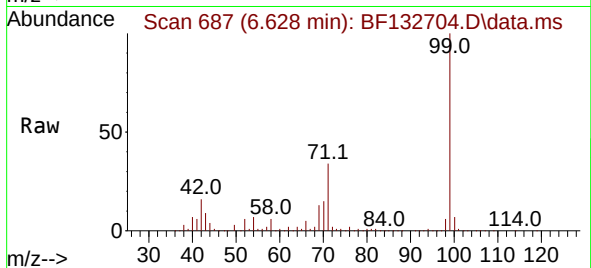




#7
Phenol-d6
Concen: 94.772 ng
RT: 6.628 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

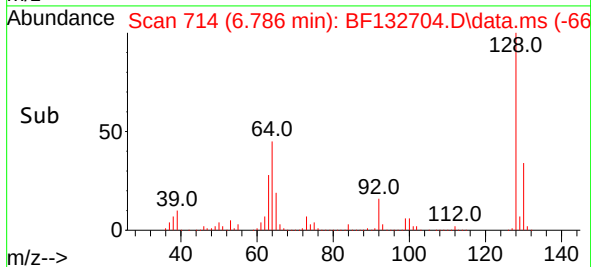
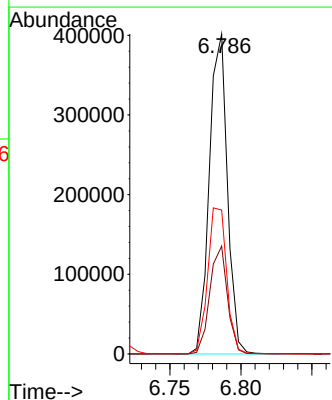
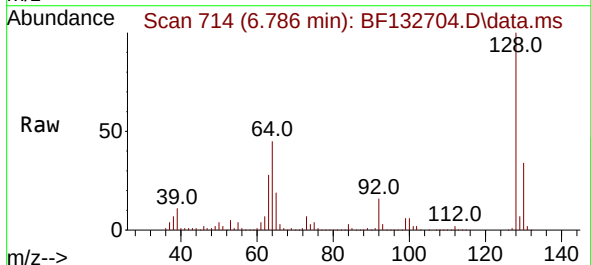
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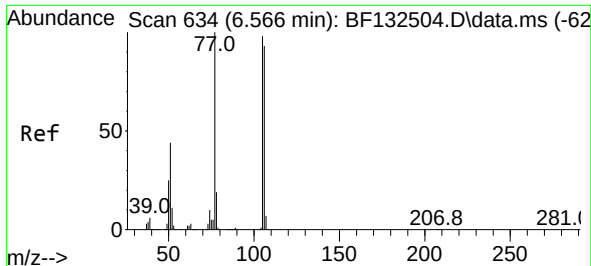
Tgt Ion: 99 Resp: 949879
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 34.3 28.5 42.7



#8
2-Chlorophenol
Concen: 44.697 ng
RT: 6.786 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 128 Resp: 356265
Ion Ratio Lower Upper
128 100
130 33.7 12.1 52.1
64 45.0 32.0 72.0

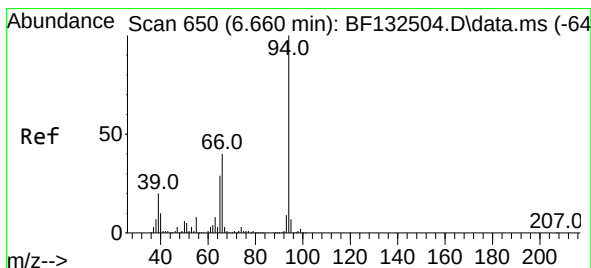
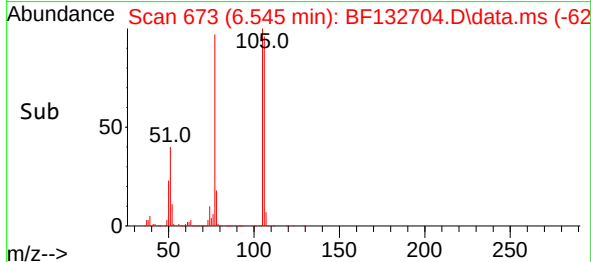
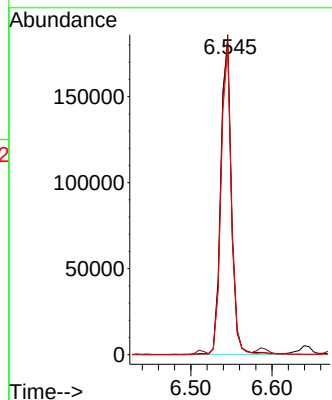
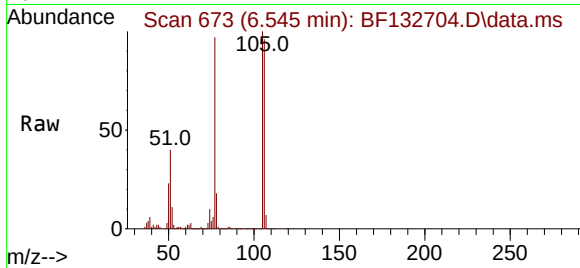




#9
Benzaldehyde
Concen: 30.805 ng
RT: 6.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

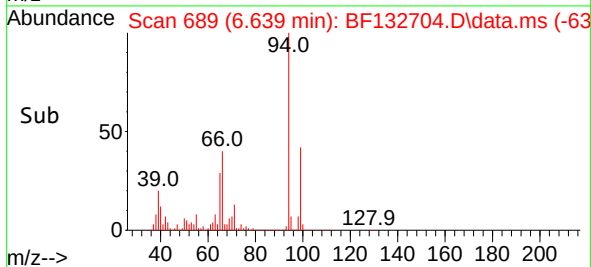
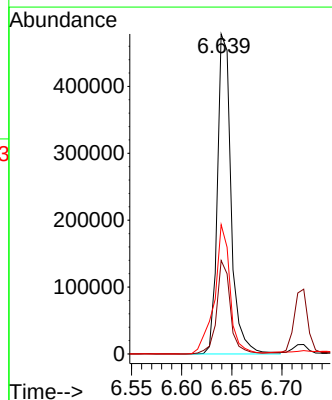
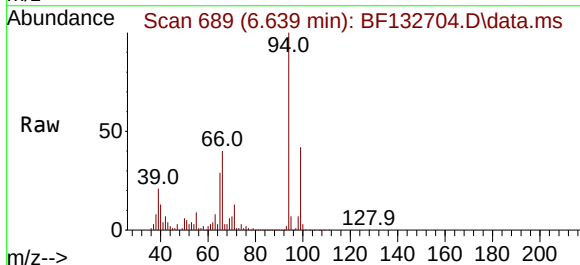
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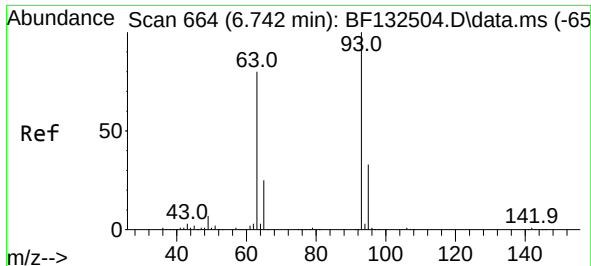
Tgt Ion: 77 Resp: 166601
Ion Ratio Lower Upper
77 100
105 102.6 77.9 117.9
106 98.1 73.4 113.4



#10
Phenol
Concen: 39.497 ng
RT: 6.639 min Scan# 689
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 94 Resp: 453853
Ion Ratio Lower Upper
94 100
65 29.2 9.4 49.4
66 40.4 19.8 59.8

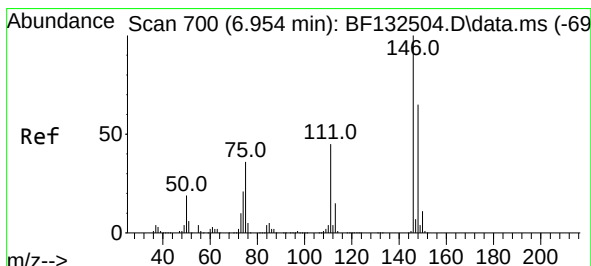
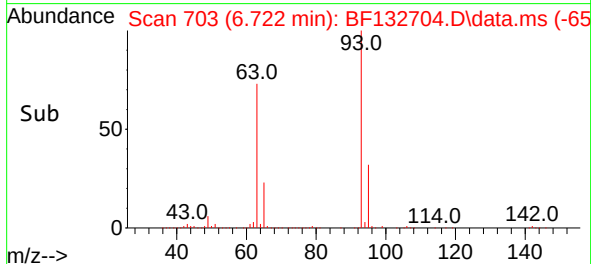
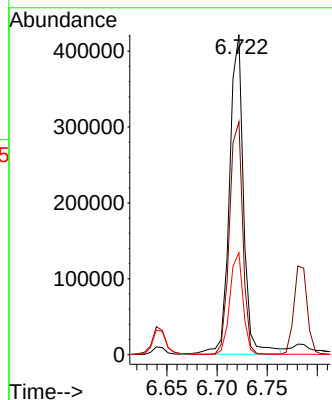
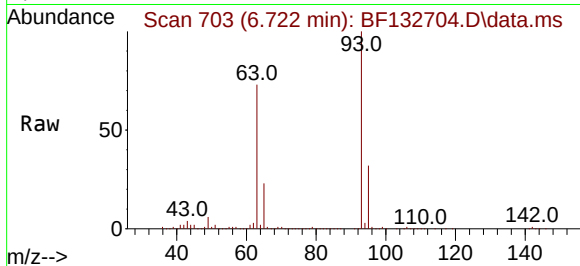




#11
bis(2-Chloroethyl)ether
Concen: 46.257 ng
RT: 6.722 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

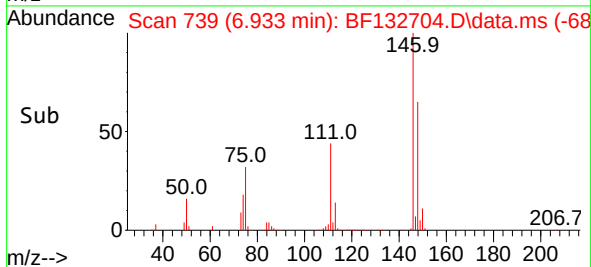
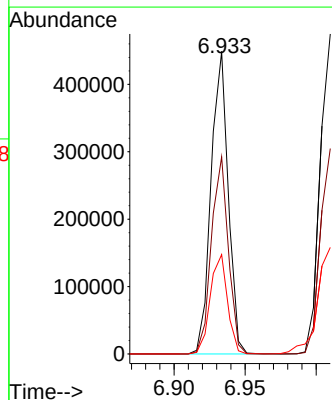
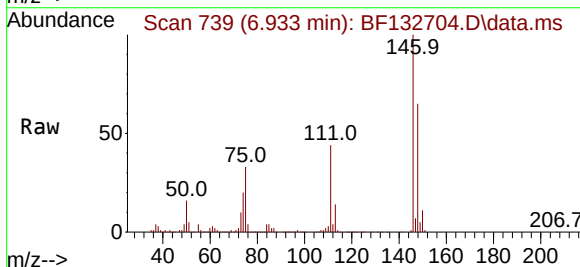
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

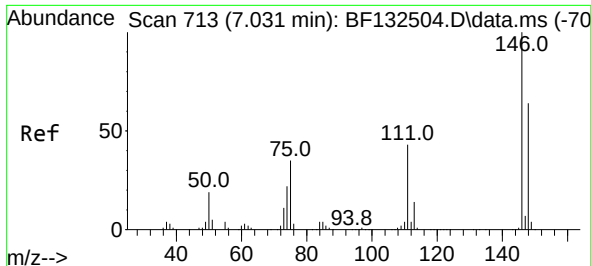
Tgt Ion: 93 Resp: 410332
Ion Ratio Lower Upper
93 100
63 72.8 59.6 99.6
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.165 ng
RT: 6.933 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:146 Resp: 377763
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 32.8 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 45.083 ng

RT: 7.010 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

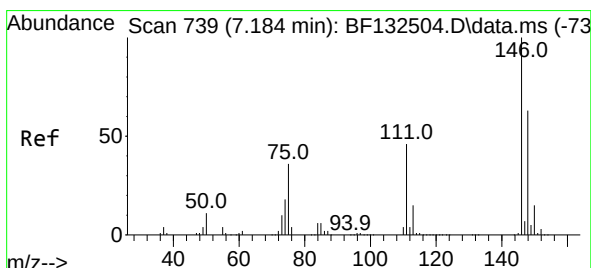
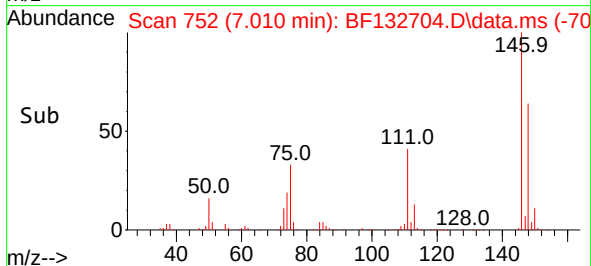
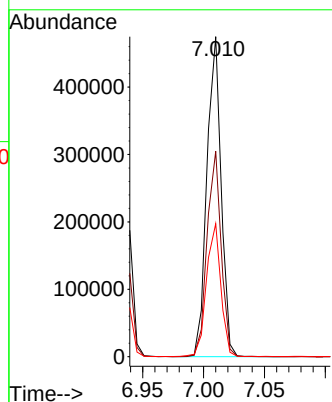
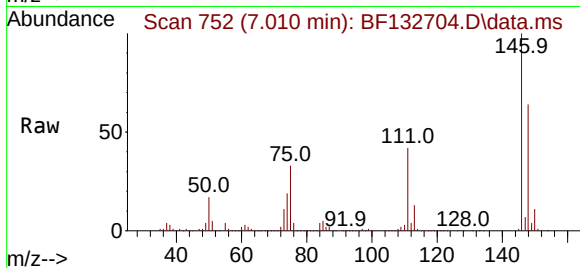
Tgt Ion:146 Resp: 385046

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 41.6 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 44.769 ng

RT: 7.163 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

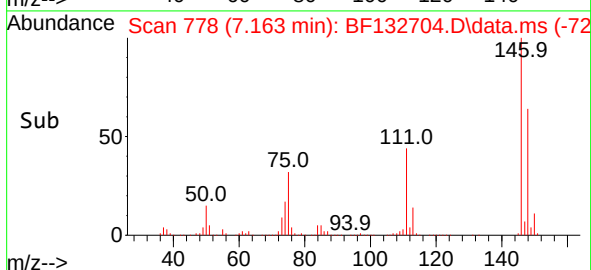
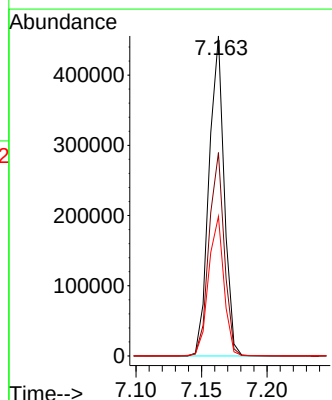
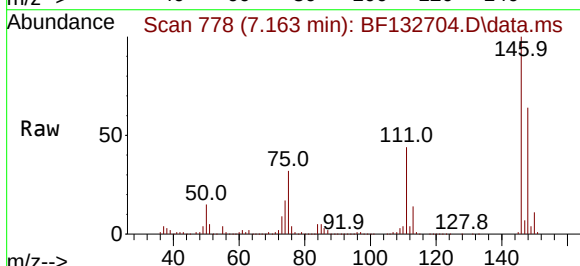
Tgt Ion:146 Resp: 366958

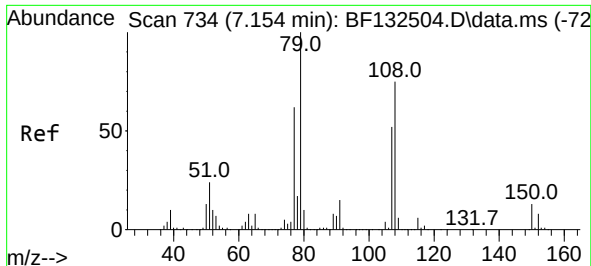
Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

111 43.6 37.2 55.8

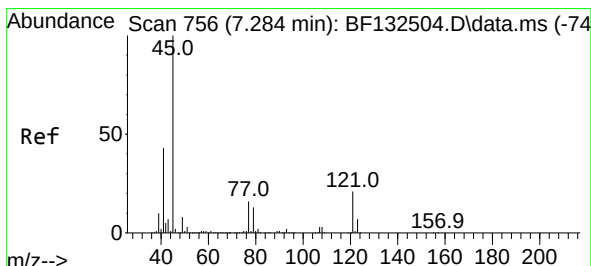
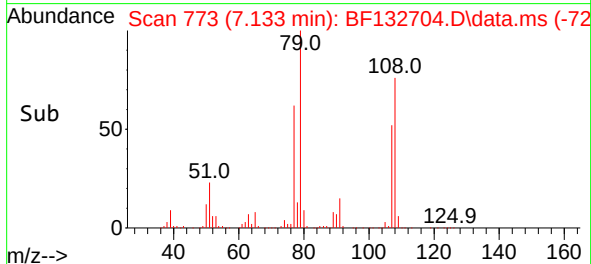
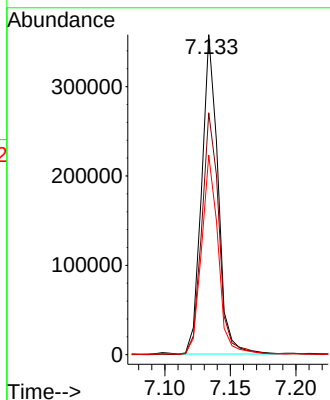
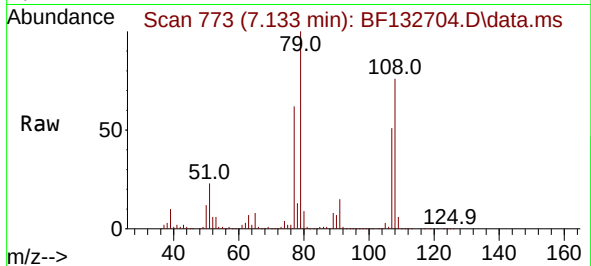




#15
Benzyl Alcohol
Concen: 40.234 ng
RT: 7.133 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

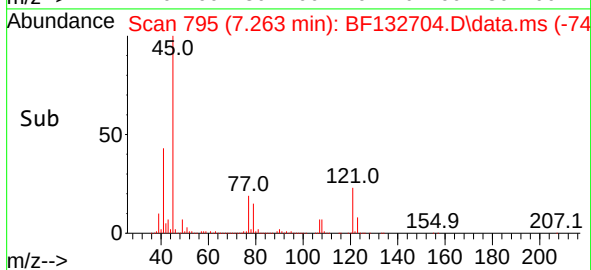
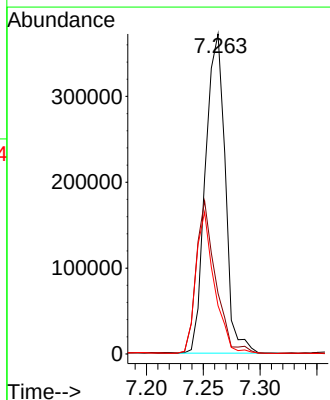
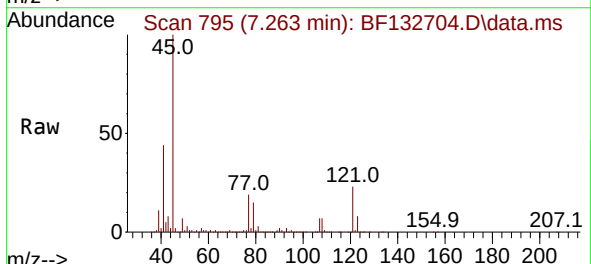
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

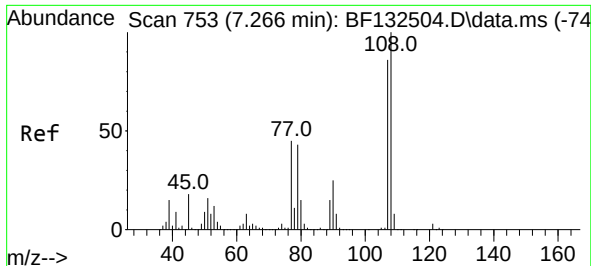
Tgt Ion: 79 Resp: 310562
Ion Ratio Lower Upper
79 100
108 75.6 60.2 90.4
77 62.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.783 ng
RT: 7.263 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

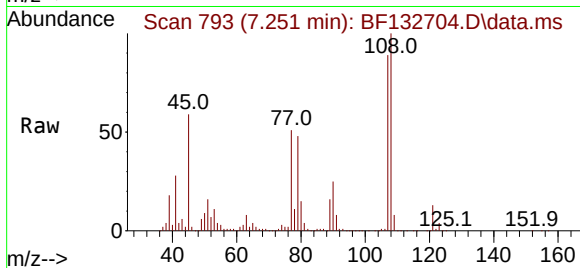
Tgt Ion: 45 Resp: 450028
Ion Ratio Lower Upper
45 100
77 18.9 0.0 36.4
79 15.1 0.0 33.4



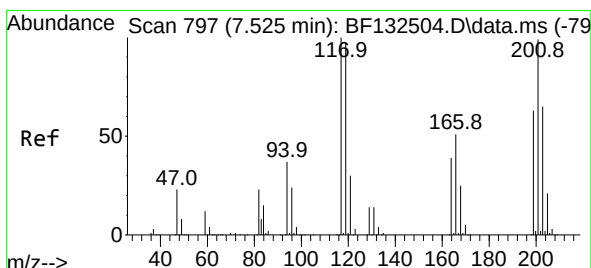
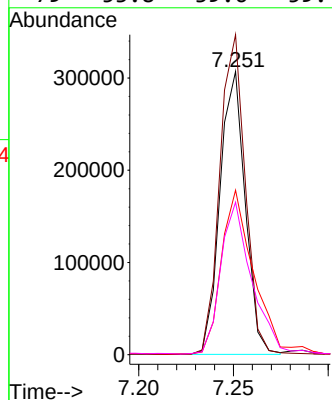
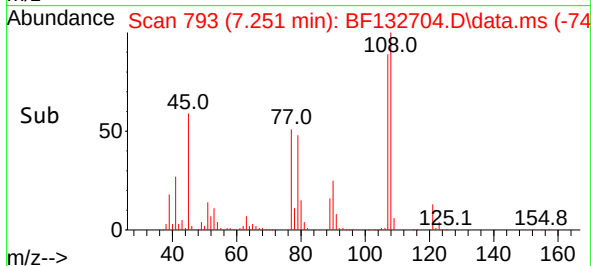


#17
2-Methylphenol
Concen: 38.212 ng
RT: 7.251 min Scan# 79
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

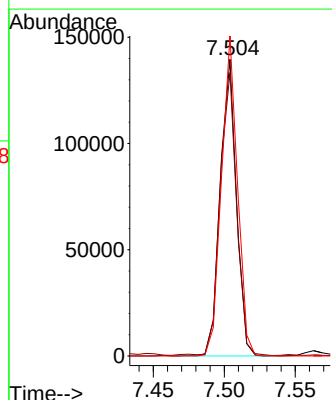
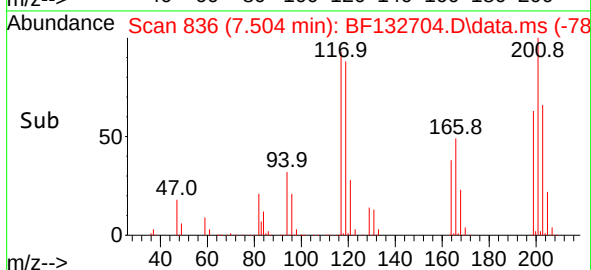
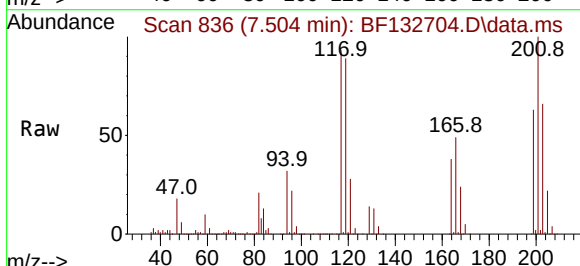


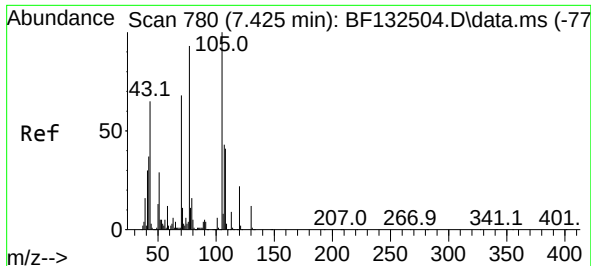
Tgt Ion:	107	Resp:	284254
Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.0	139.4
77	58.1	42.1	63.1
79	53.8	39.6	59.4



#18
Hexachloroethane
Concen: 33.207 ng
RT: 7.504 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:	117	Resp:	110803
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.0	117.0
201	107.9	79.0	118.4

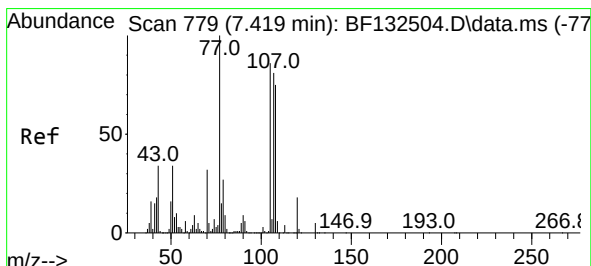
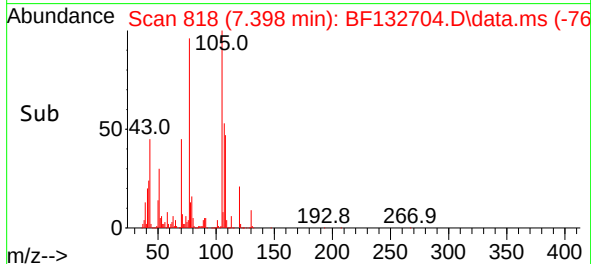
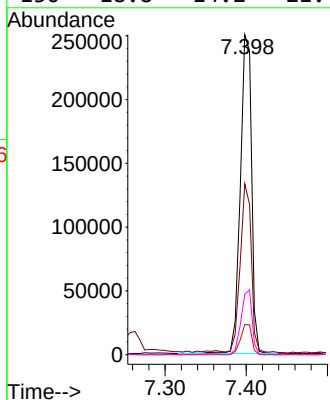
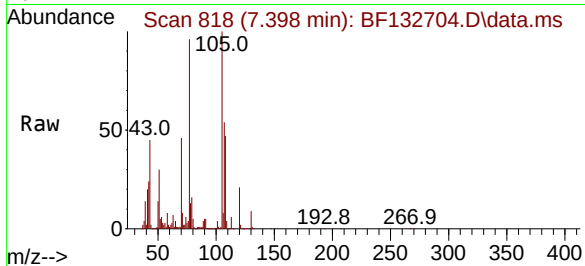




#19
n-Nitroso-di-n-propylamine
Concen: 38.803 ng
RT: 7.398 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

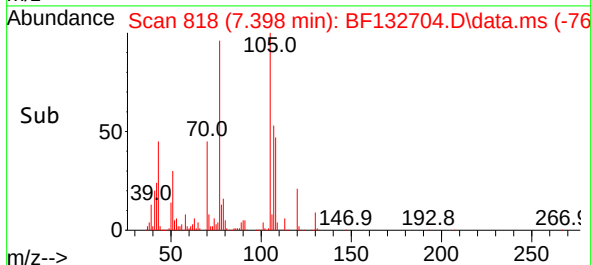
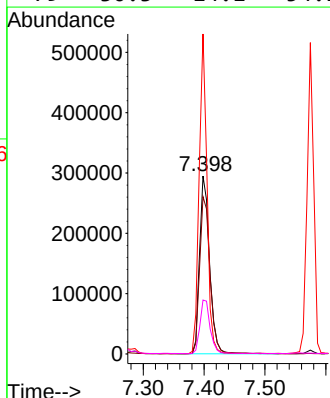
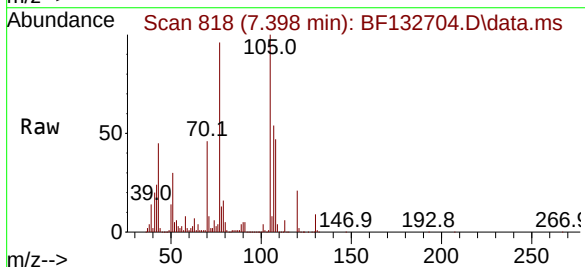
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

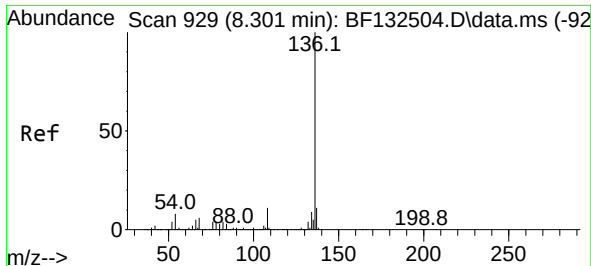
Tgt Ion: 70 Resp: 239350
Ion Ratio Lower Upper
70 100
42 53.4 44.1 66.1
101 9.4 7.4 11.2
130 18.8 14.2 21.4



#20
3+4-Methylphenols
Concen: 35.134 ng
RT: 7.398 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 107 Resp: 337649
Ion Ratio Lower Upper
107 100
108 88.4 72.6 112.6
77 179.9 104.0 144.0#
79 30.3 14.1 54.1

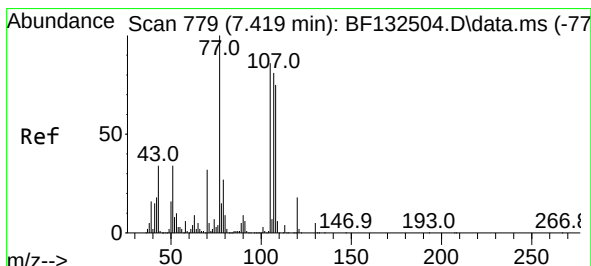
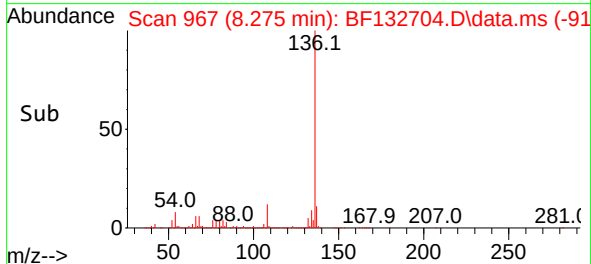
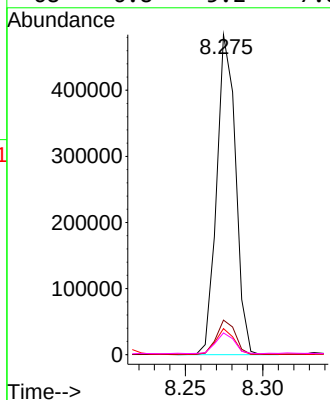
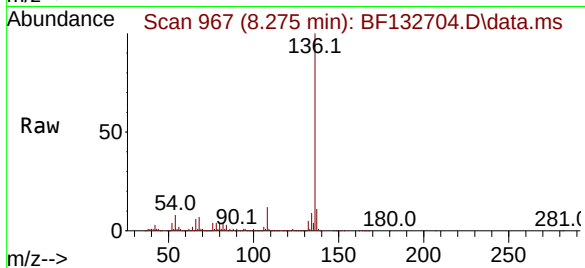




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

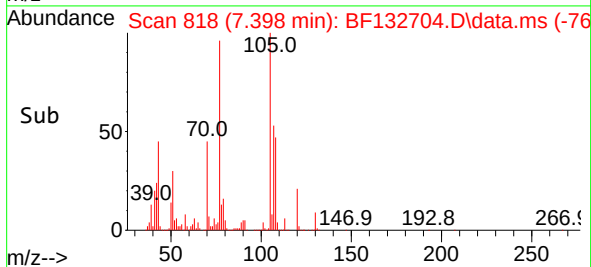
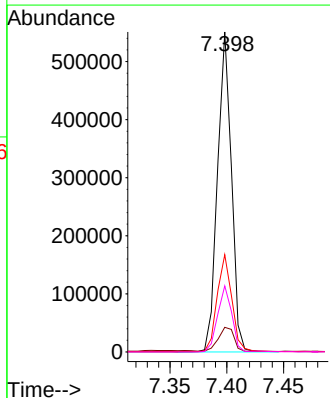
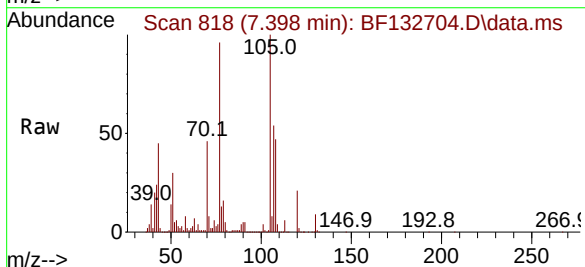
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

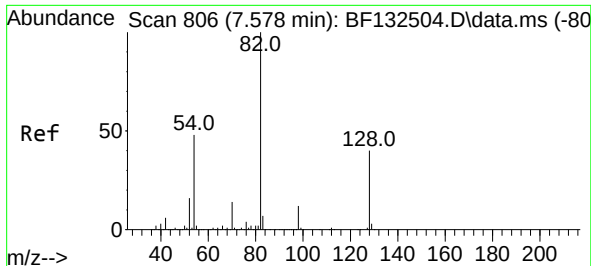
Tgt Ion:136 Resp: 411483
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.2 6.2 9.4
68 6.8 5.2 7.8



#22
Acetophenone
Concen: 45.325 ng
RT: 7.398 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:105 Resp: 470281
Ion Ratio Lower Upper
105 100
71 7.7 5.0 7.4#
51 30.4 31.5 47.3#
120 20.7 17.0 25.4

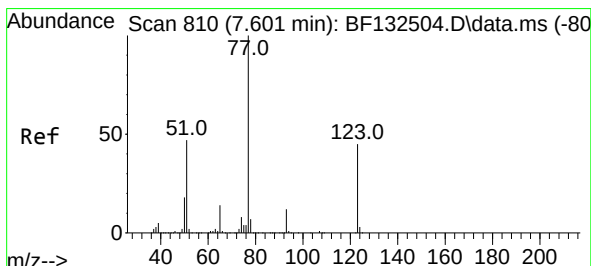
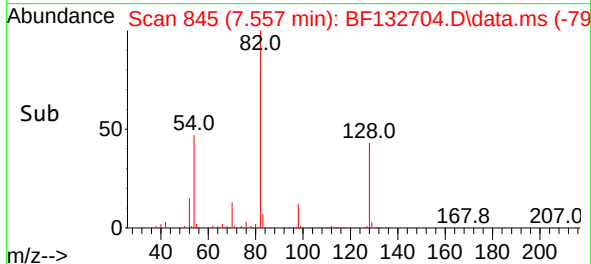
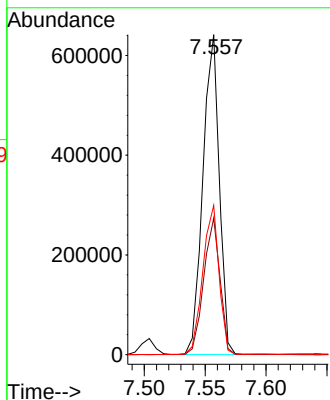
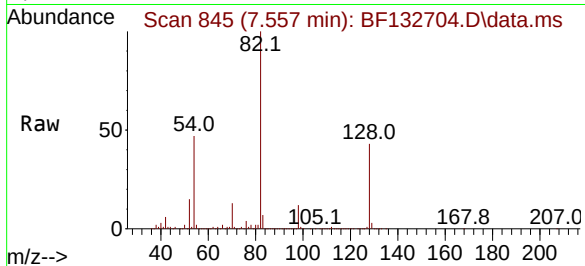




#23
Nitrobenzene-d5
Concen: 68.942 ng
RT: 7.557 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

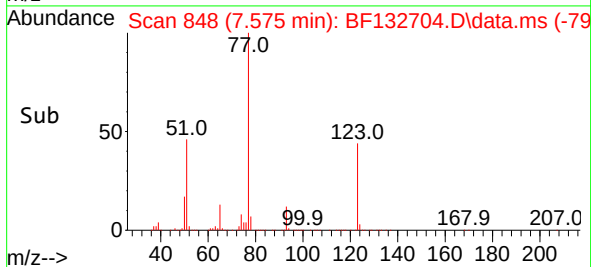
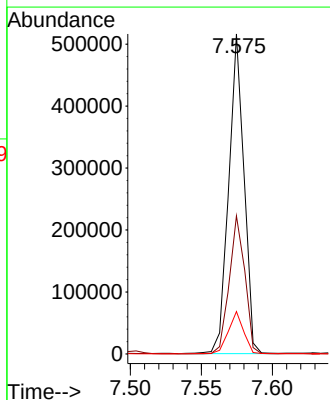
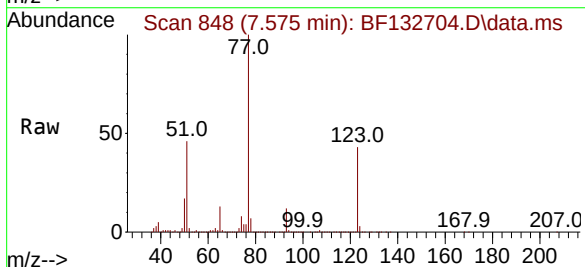
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

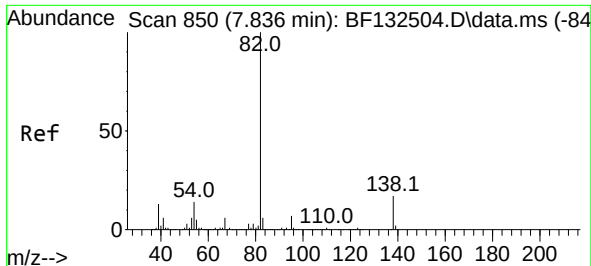
Tgt Ion: 82 Resp: 597934
Ion Ratio Lower Upper
82 100
128 42.7 32.2 48.2
54 46.6 38.4 57.6



#24
Nitrobenzene
Concen: 41.557 ng
RT: 7.575 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 77 Resp: 385467
Ion Ratio Lower Upper
77 100
123 43.1 35.8 53.6
65 13.3 10.9 16.3

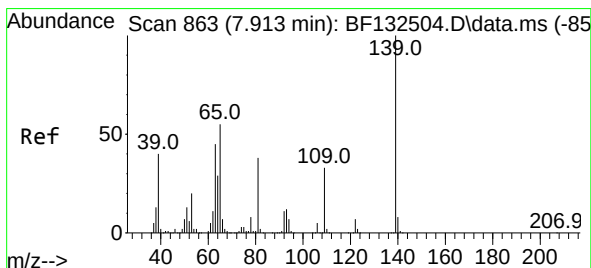
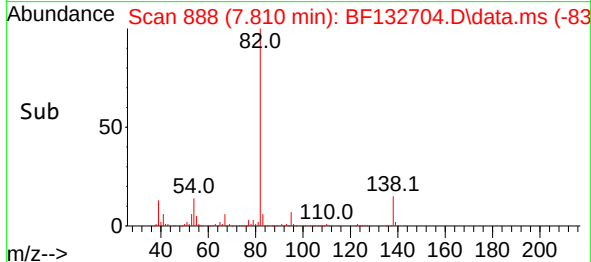
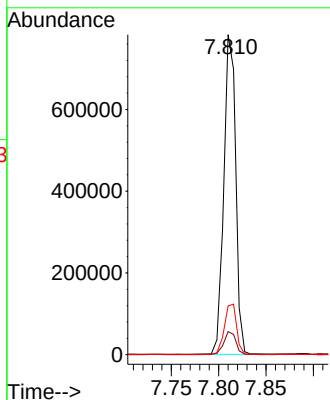
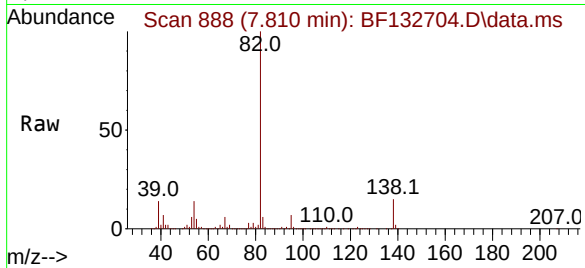




#25
Isophorone
Concen: 41.364 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

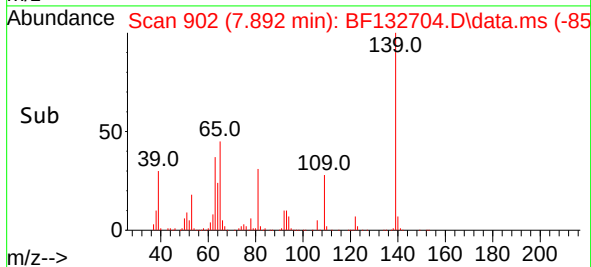
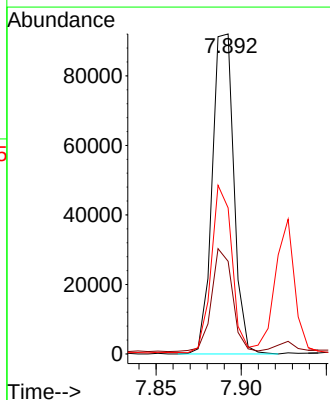
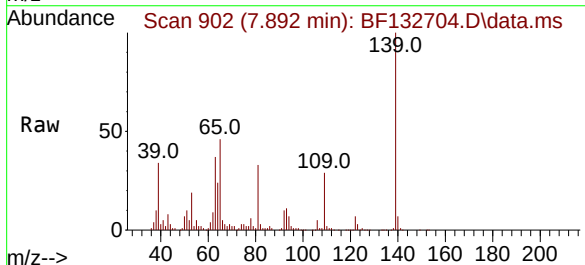
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

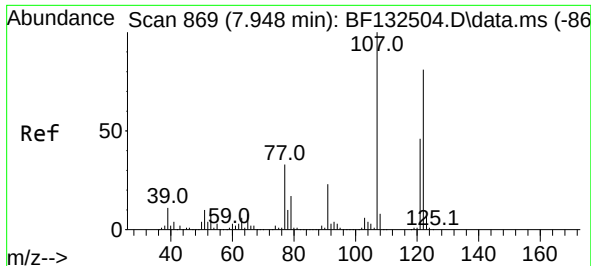
Tgt Ion: 82 Resp: 687810
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 15.3 13.3 19.9



#26
2-Nitrophenol
Concen: 19.917 ng
RT: 7.892 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 139 Resp: 81512
Ion Ratio Lower Upper
139 100
109 29.0 26.2 39.2
65 45.6 43.8 65.8

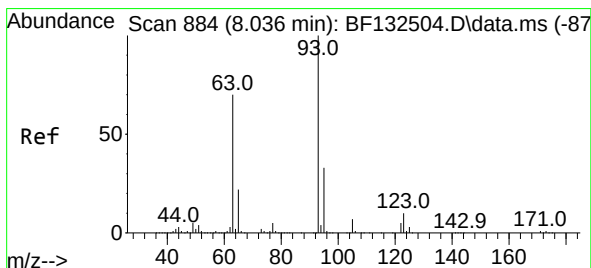
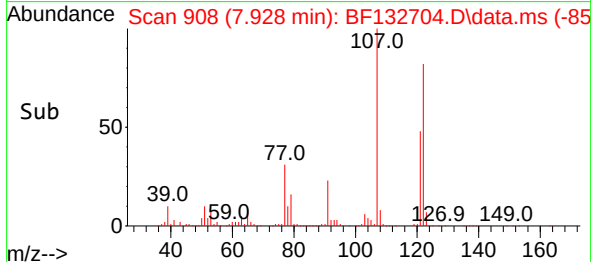
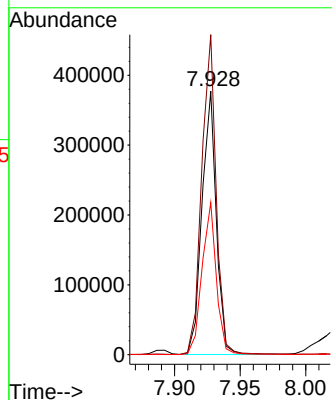
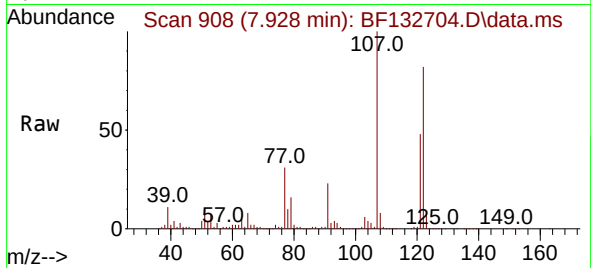




#27
2,4-Dimethylphenol
Concen: 44.624 ng
RT: 7.928 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

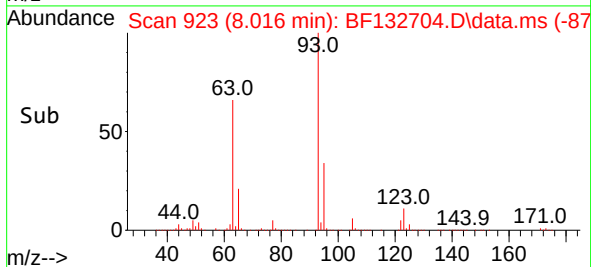
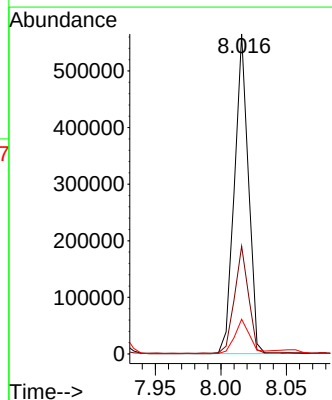
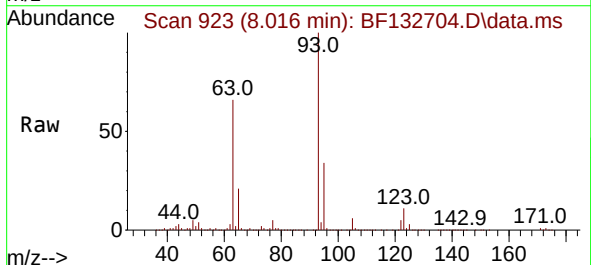
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

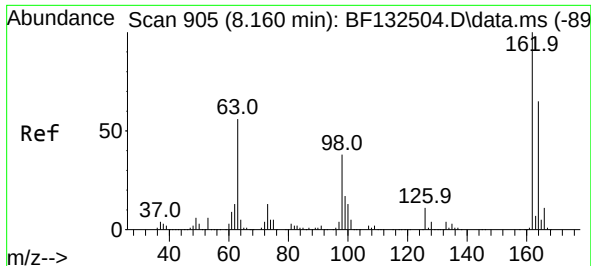
Tgt Ion:122 Resp: 288235
Ion Ratio Lower Upper
122 100
107 121.4 98.7 148.1
121 57.8 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.105 ng
RT: 8.016 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

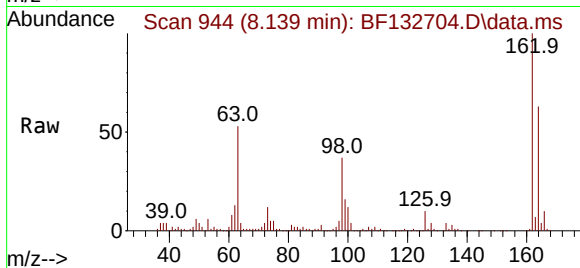
Tgt Ion: 93 Resp: 419289
Ion Ratio Lower Upper
93 100
95 33.7 26.3 39.5
123 10.9 8.3 12.5



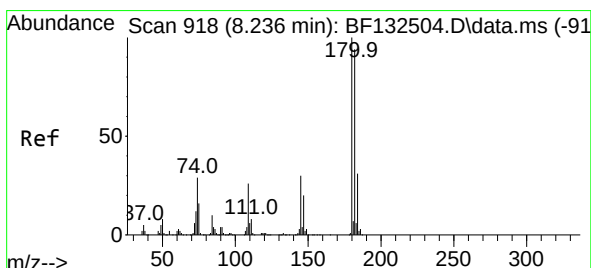
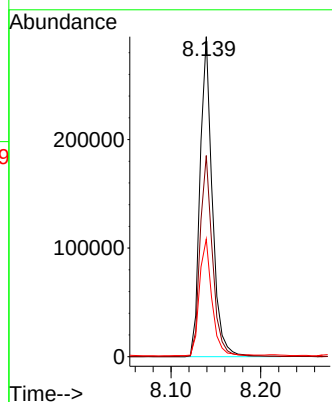
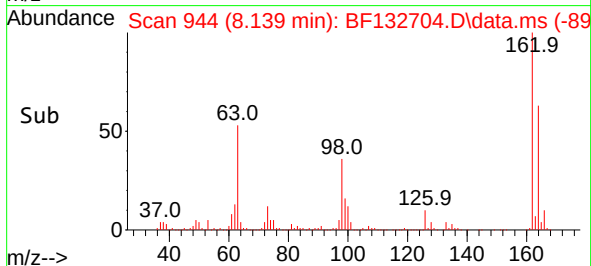


#29
2,4-Dichlorophenol
Concen: 43.367 ng
RT: 8.139 min Scan# 944
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

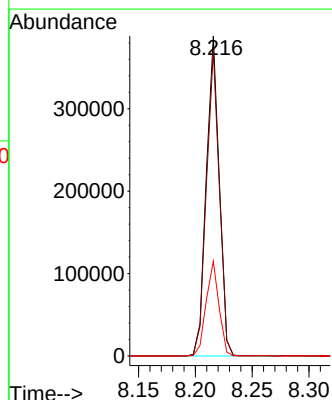
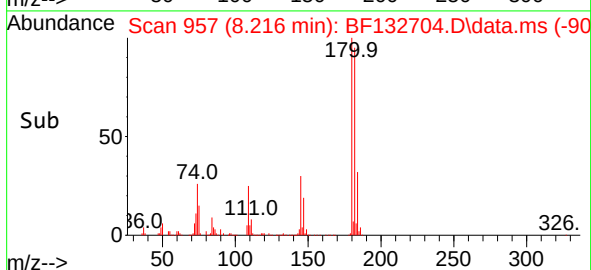
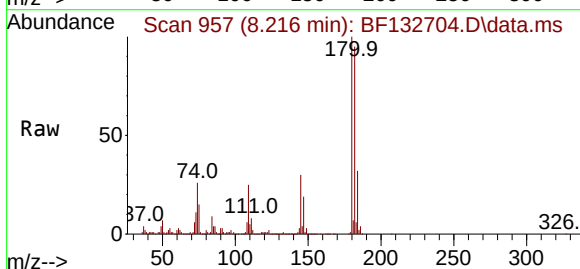


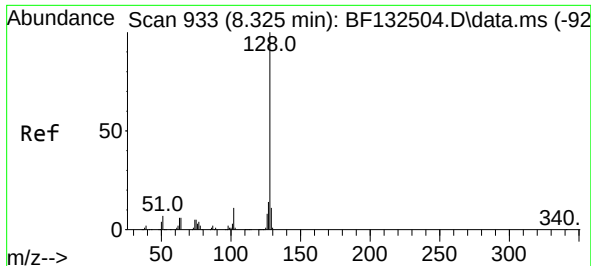
Tgt Ion:162 Resp: 278644
Ion Ratio Lower Upper
162 100
164 62.9 45.3 85.3
98 36.8 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 44.097 ng
RT: 8.216 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:180 Resp: 307665
Ion Ratio Lower Upper
180 100
182 95.3 75.1 112.7
145 29.6 23.8 35.6

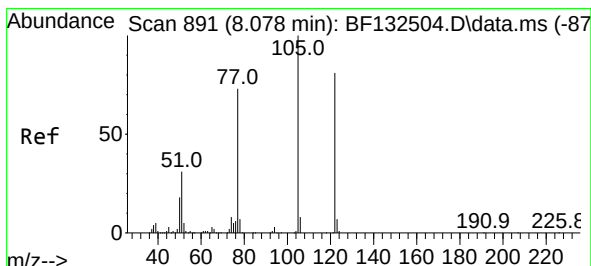
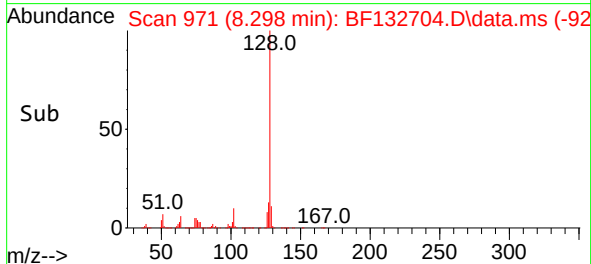
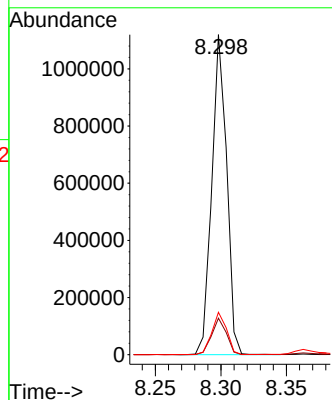
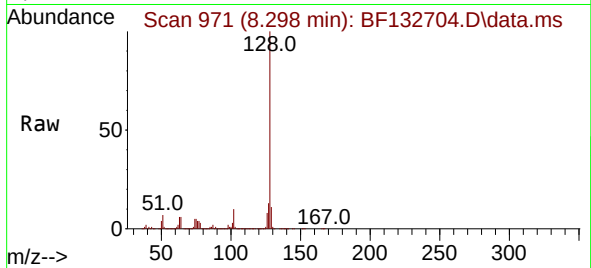




#31
Naphthalene
Concen: 42.017 ng
RT: 8.298 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

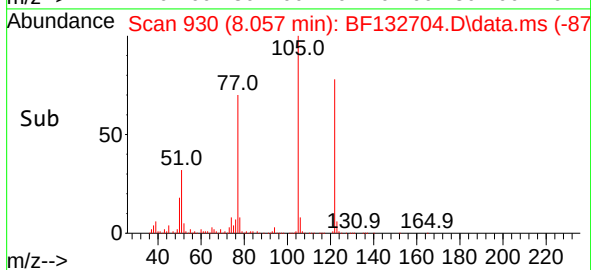
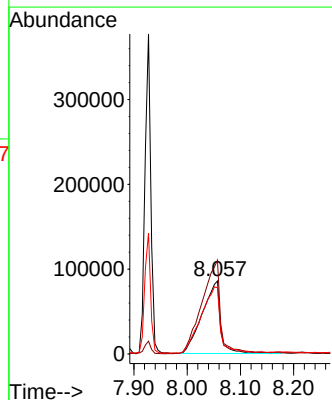
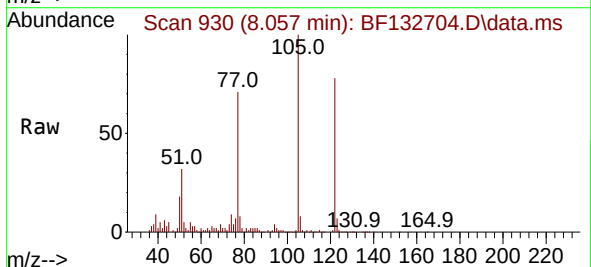
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

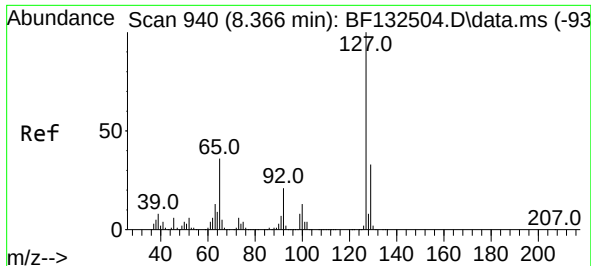
Tgt Ion:128 Resp: 885109
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 11.0 16.6



#32
Benzoic acid
Concen: 41.004 ng
RT: 8.057 min Scan# 930
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:122 Resp: 205618
Ion Ratio Lower Upper
122 100
105 128.6 102.6 142.6
77 90.8 70.2 110.2

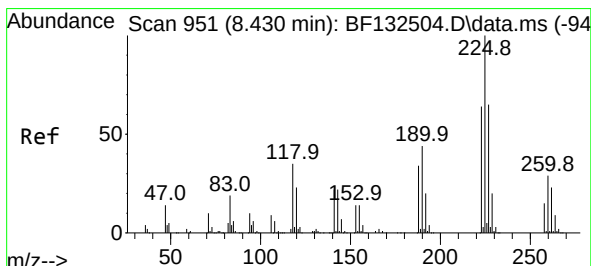
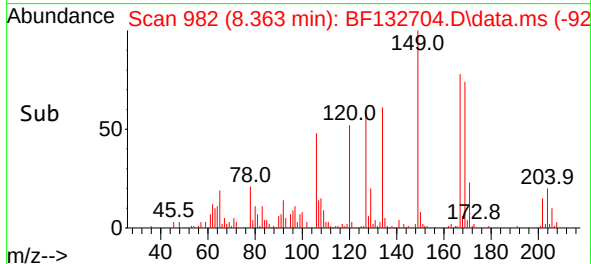
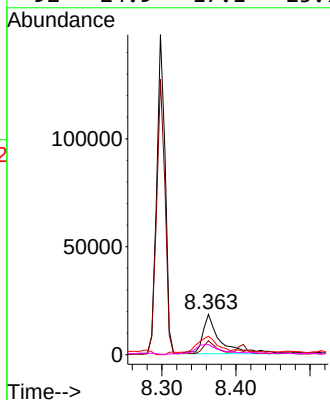
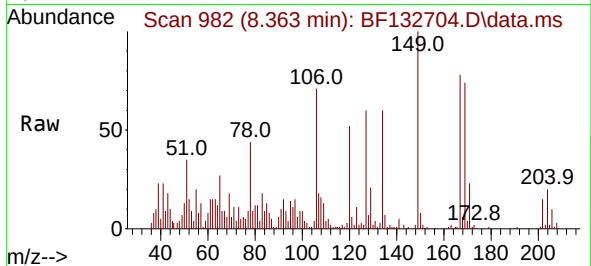




#33
4-Chloroaniline
Concen: 3.300 ng
RT: 8.363 min Scan# 91
Delta R.T. 0.017 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

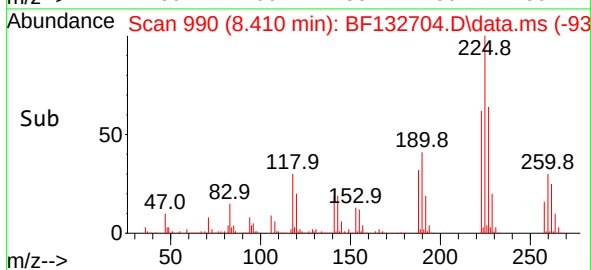
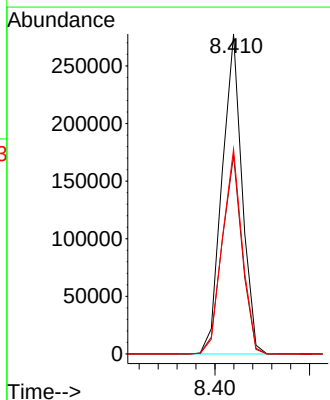
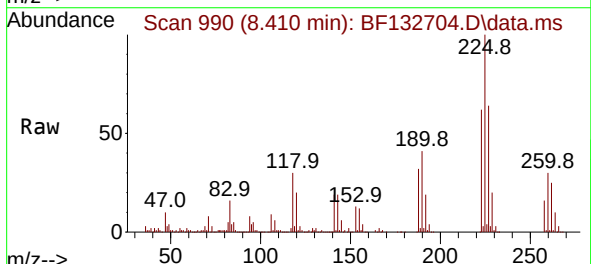
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

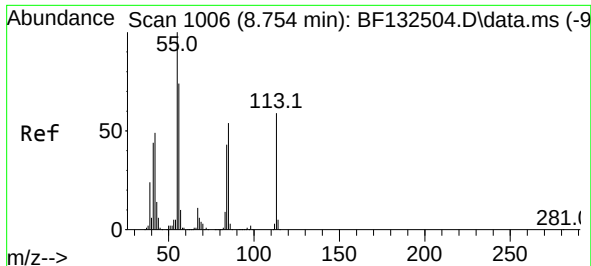
Tgt Ion:	127	Resp:	29787
Ion Ratio	Lower	Upper	
127	100		
129	34.5	26.4	39.6
65	45.8	28.8	43.2#
92	24.9	17.1	25.7



#34
Hexachlorobutadiene
Concen: 45.657 ng
RT: 8.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:	225	Resp:	202424
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.0	76.4
227	64.1	51.7	77.5

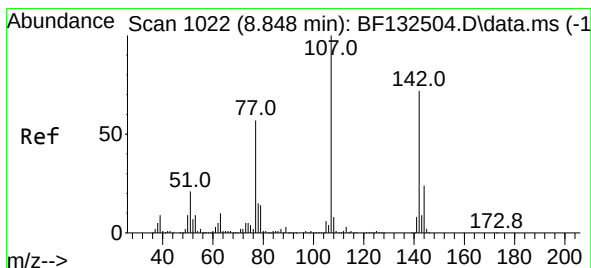
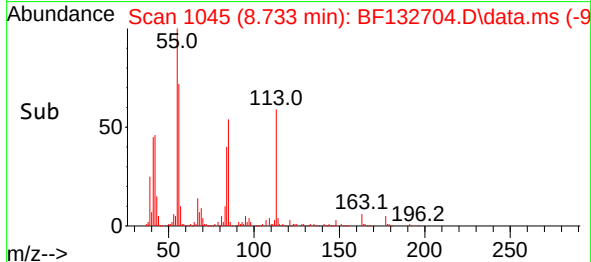
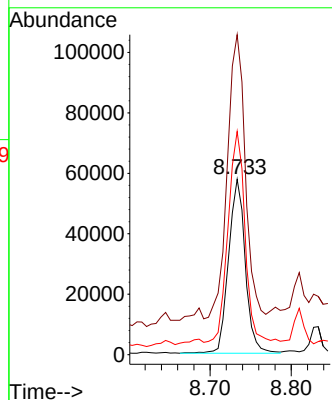
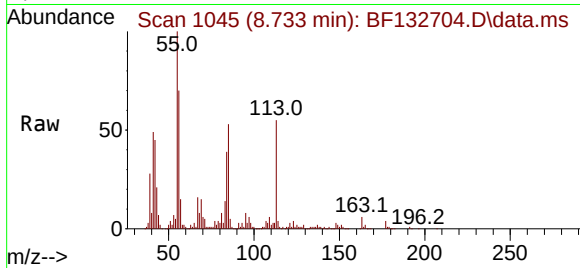




#35
 Caprolactam
 Concen: 38.879 ng
 RT: 8.733 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: BF132704.D
 Acq: 08 Mar 2023 22:39

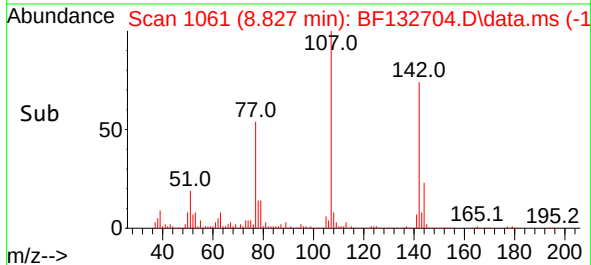
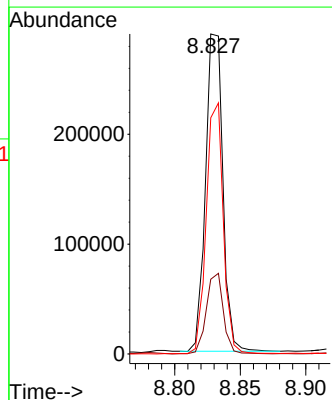
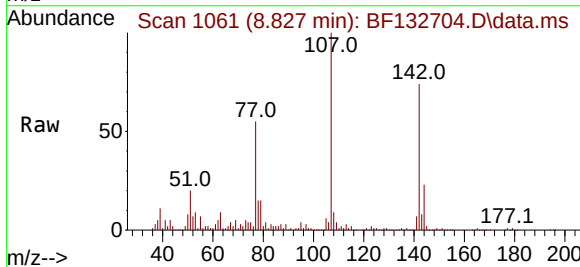
Instrument :
 BNA_F
 ClientSampleId :
 SS-10-20230306MS

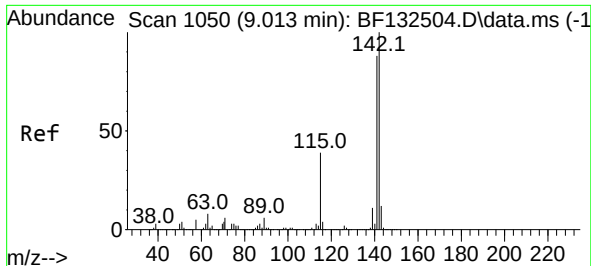
Tgt Ion:113 Resp: 82356
 Ion Ratio Lower Upper
 113 100
 55 182.4 149.4 189.4
 56 127.2 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.885 ng
 RT: 8.827 min Scan# 1061
 Delta R.T. -0.000 min
 Lab File: BF132704.D
 Acq: 08 Mar 2023 22:39

Tgt Ion:107 Resp: 267332
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.9 28.3
 142 73.8 57.9 86.9

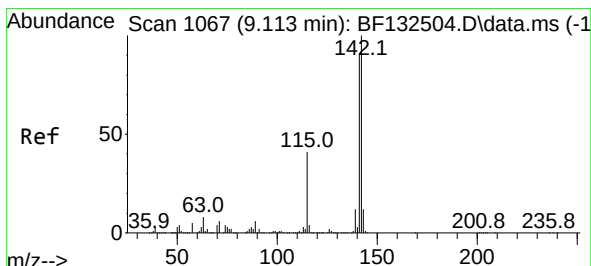
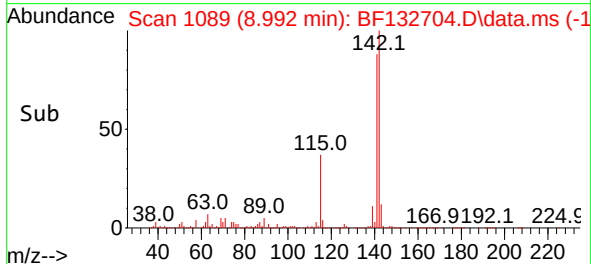
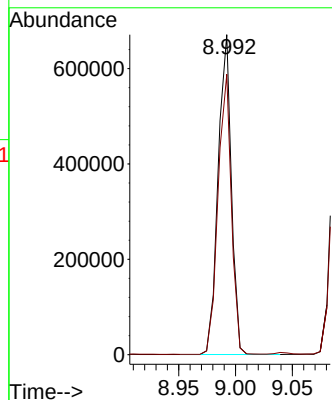
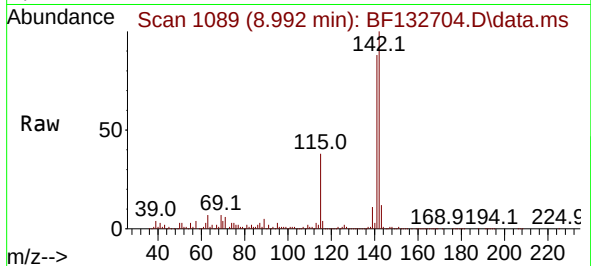




#37
2-Methylnaphthalene
Concen: 37.932 ng
RT: 8.992 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

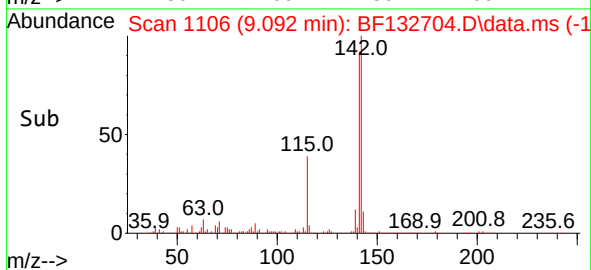
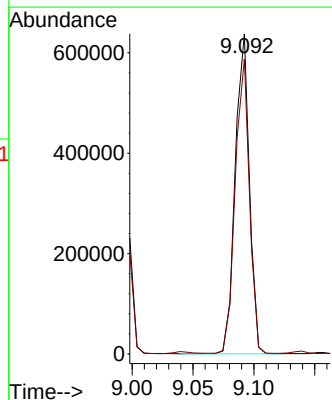
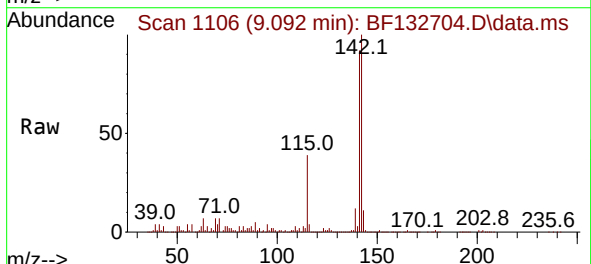
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

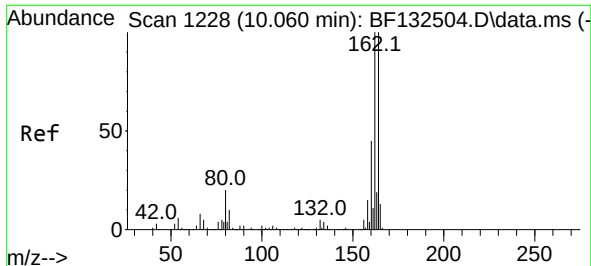
Tgt Ion:142 Resp: 544542
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.2



#38
1-Methylnaphthalene
Concen: 38.442 ng
RT: 9.092 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:142 Resp: 515735
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.6

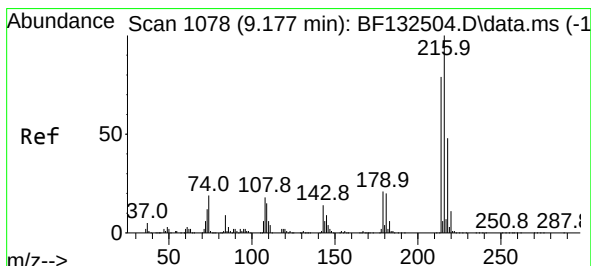
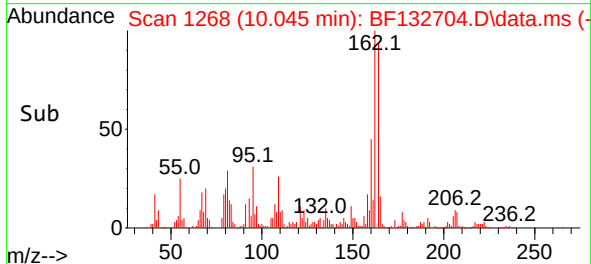
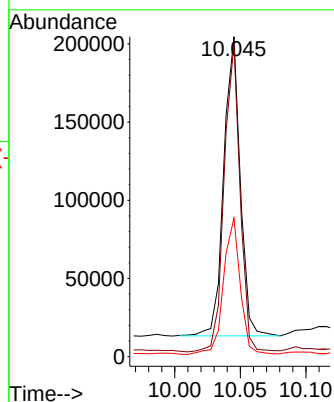
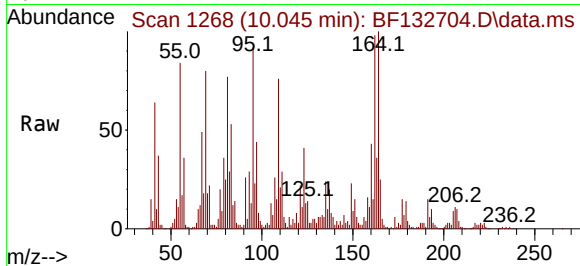




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

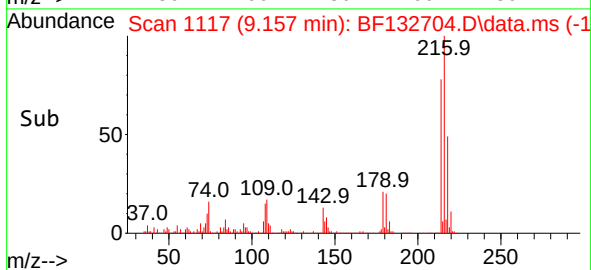
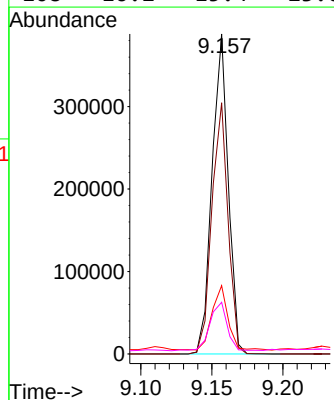
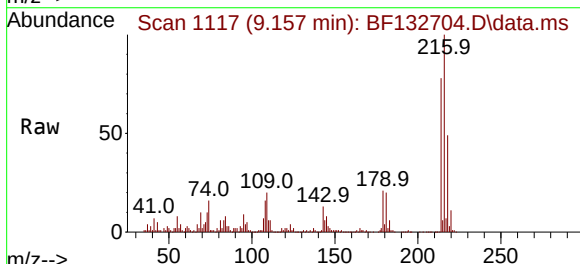
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

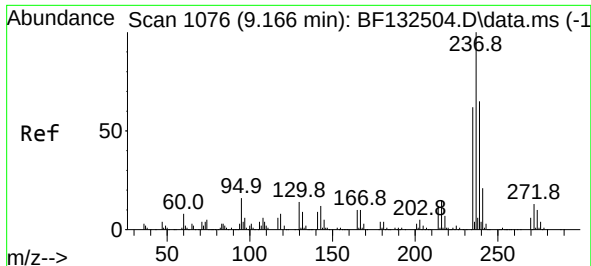
Tgt Ion:164 Resp: 166755
Ion Ratio Lower Upper
164 100
162 97.7 79.8 119.8
160 43.3 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.459 ng
RT: 9.157 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:216 Resp: 308033
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 20.1 16.6 24.8
108 16.2 15.4 23.0

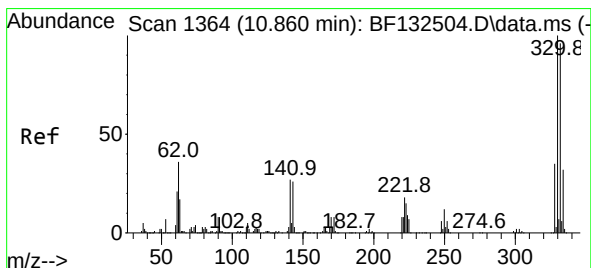
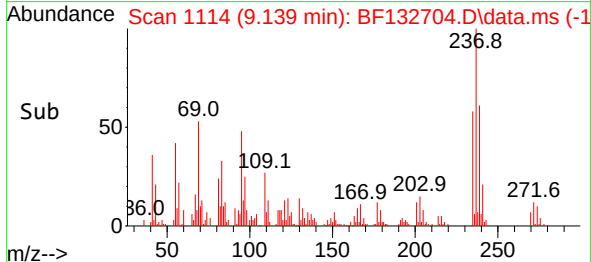
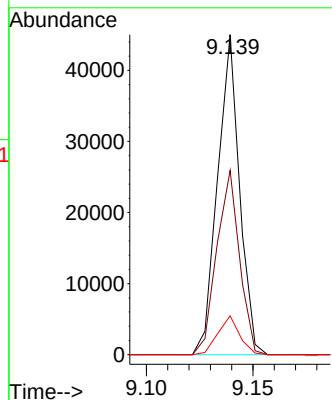
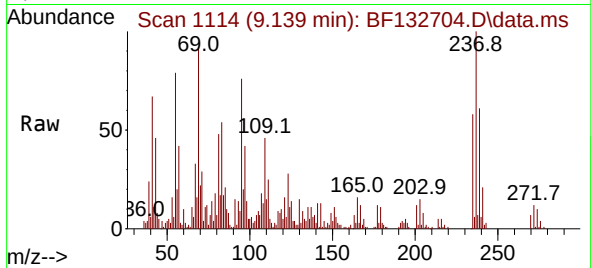




#41
Hexachlorocyclopentadiene
Concen: 10.886 ng
RT: 9.139 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

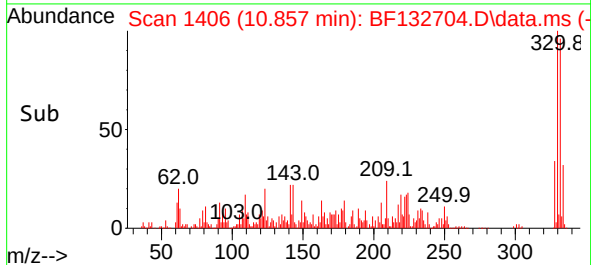
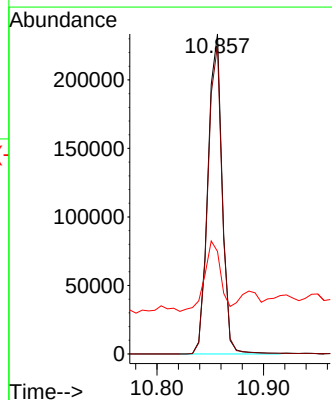
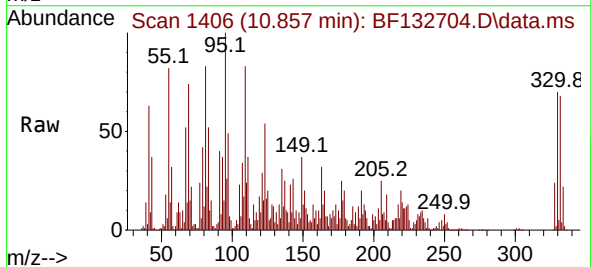
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

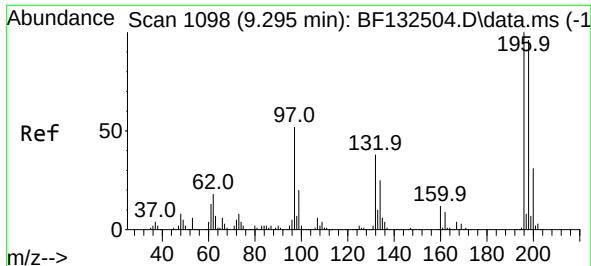
Tgt Ion:237 Resp: 32215
Ion Ratio Lower Upper
237 100
235 57.6 42.4 82.4
272 12.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 120.544 ng
RT: 10.857 min Scan# 1406
Delta R.T. 0.023 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:330 Resp: 217086
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 24.5 28.4 42.6#





#43

2,4,6-Trichlorophenol

Concen: 52.360 ng

RT: 9.269 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

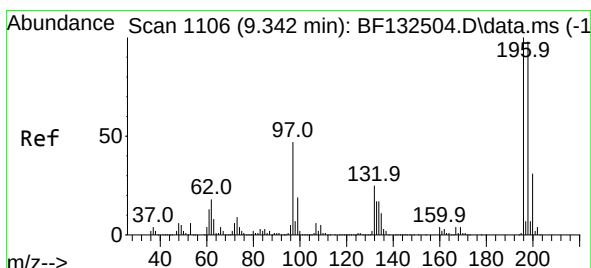
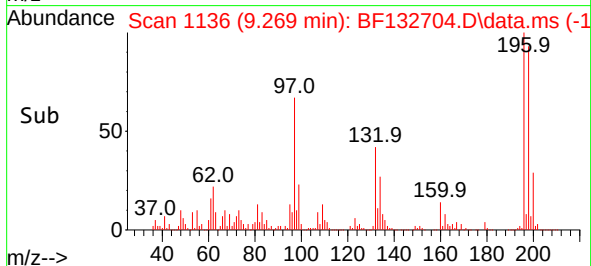
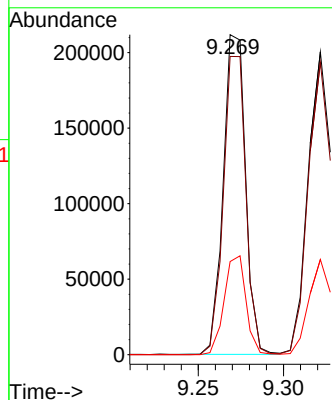
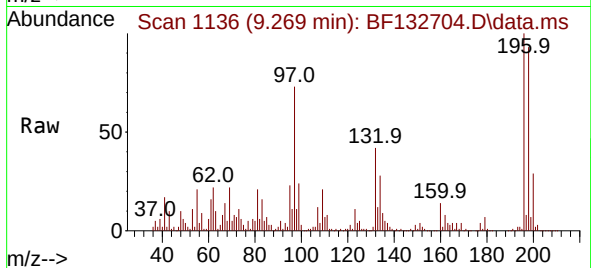
Tgt Ion:196 Resp: 193596

Ion Ratio Lower Upper

196 100

198 93.2 77.1 115.7

200 29.1 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 45.986 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.012 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Tgt Ion:196 Resp: 198445

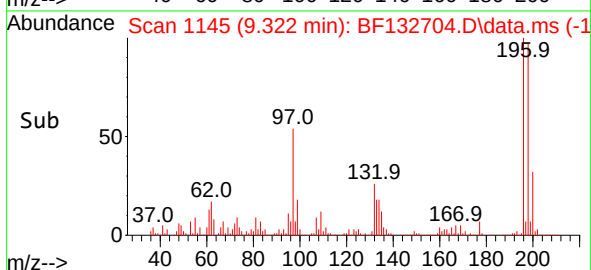
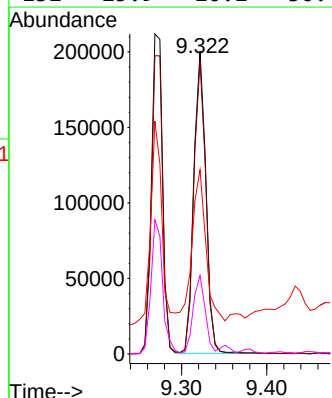
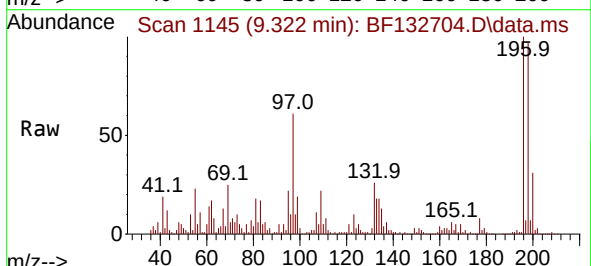
Ion Ratio Lower Upper

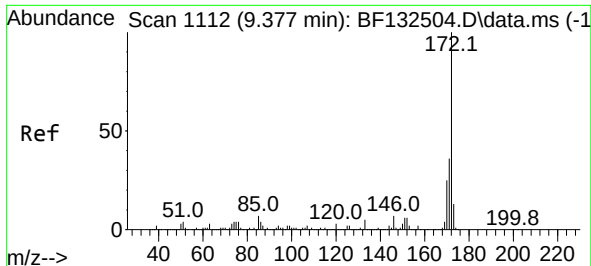
196 100

198 96.6 78.3 117.5

97 60.7 38.1 57.1#

132 25.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 80.641 ng

RT: 9.351 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

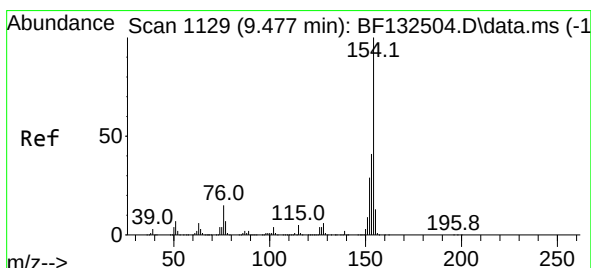
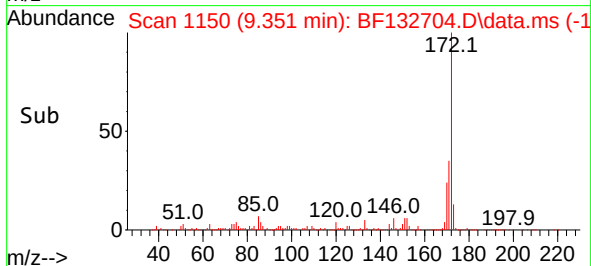
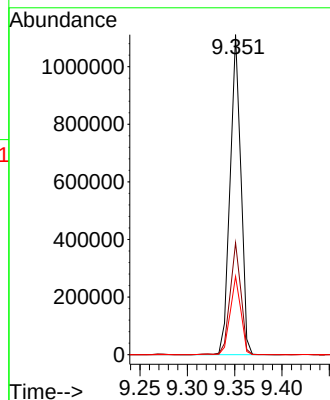
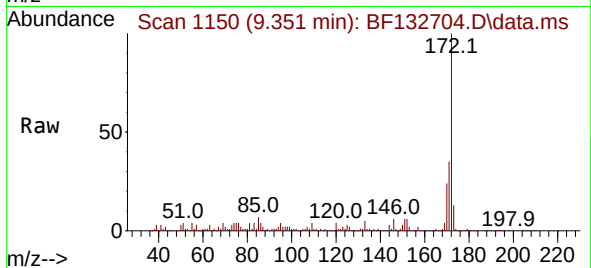
Tgt Ion:172 Resp: 883147

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 24.5 19.7 29.5



#46

1,1'-Biphenyl

Concen: 46.830 ng

RT: 9.457 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

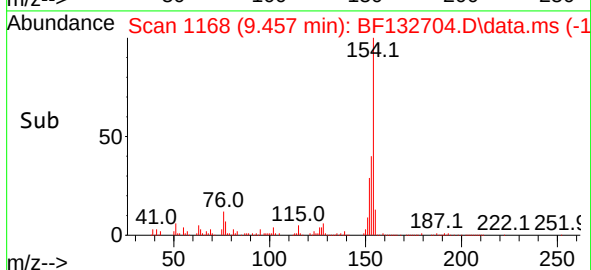
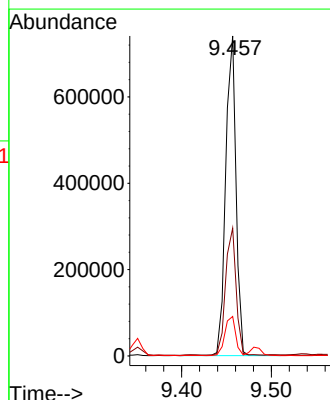
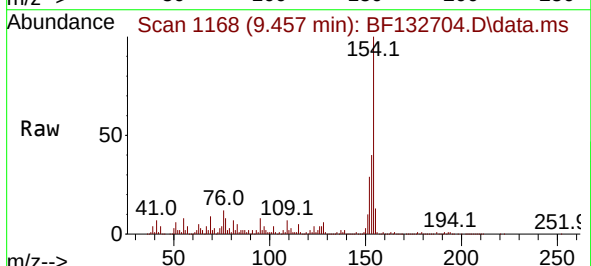
Tgt Ion:154 Resp: 591067

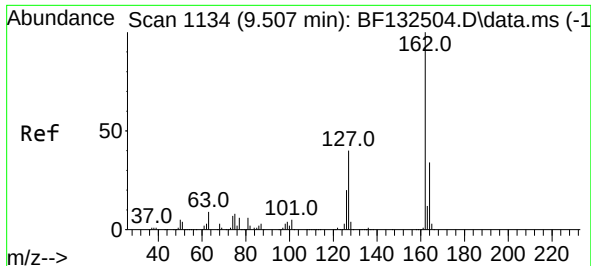
Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

76 12.3 0.0 34.7





#47

2-Chloronaphthalene

Concen: 46.506 ng

RT: 9.486 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

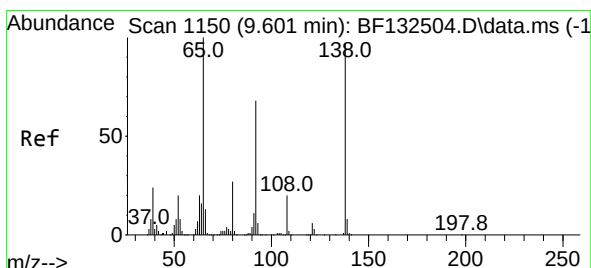
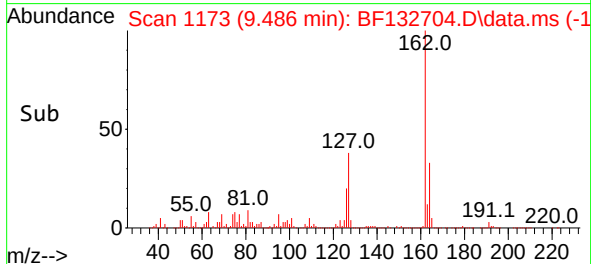
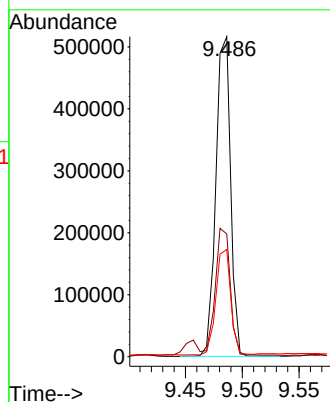
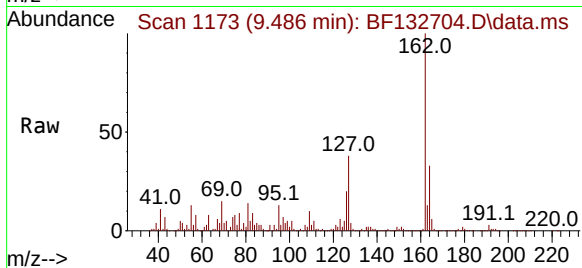
Tgt Ion:162 Resp: 465380

Ion Ratio Lower Upper

162 100

127 38.4 32.3 48.5

164 33.5 26.9 40.3



#48

2-Nitroaniline

Concen: 42.960 ng

RT: 9.580 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

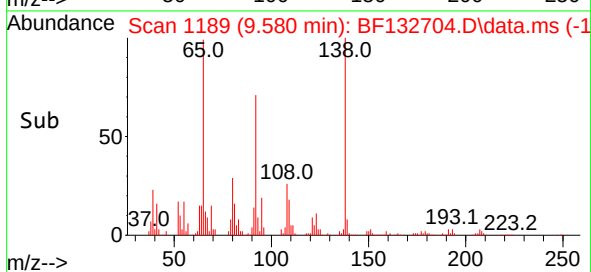
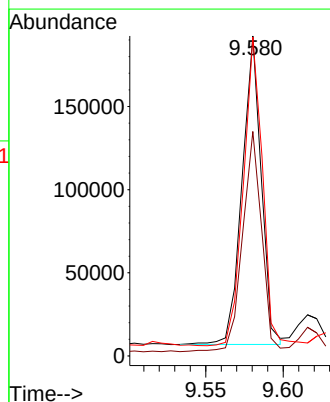
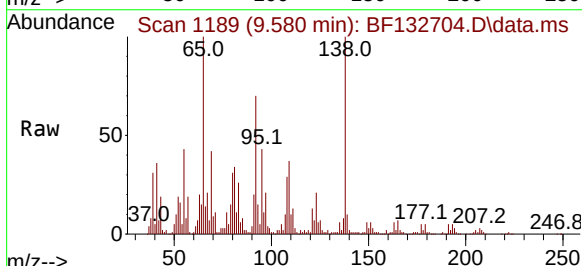
Tgt Ion: 65 Resp: 158329

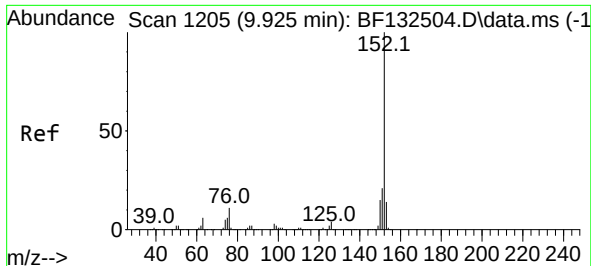
Ion Ratio Lower Upper

65 100

92 70.2 54.5 81.7

138 99.7 77.2 115.8

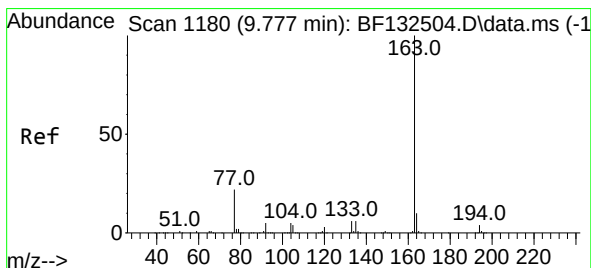
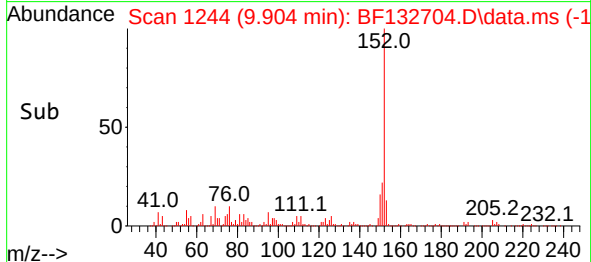
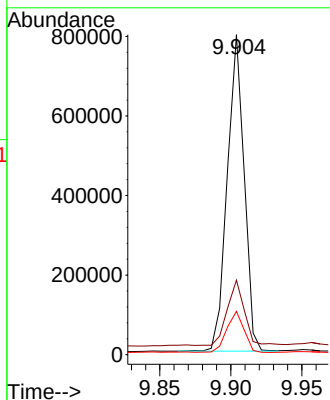
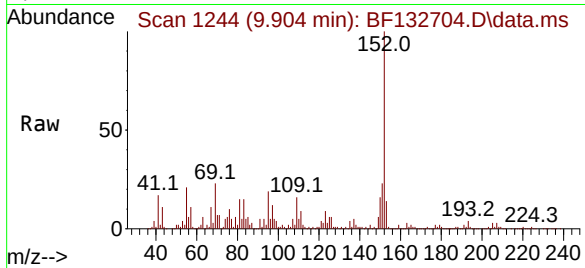




#49
Acenaphthylene
Concen: 41.227 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

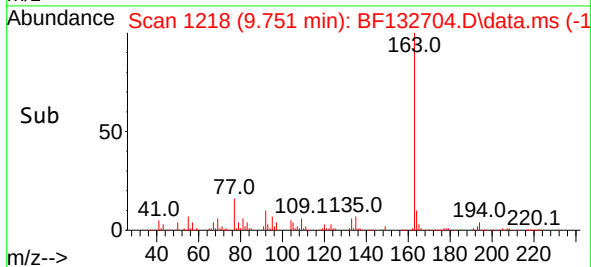
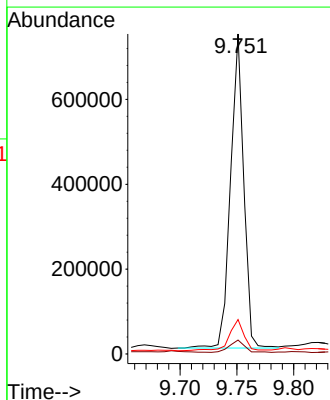
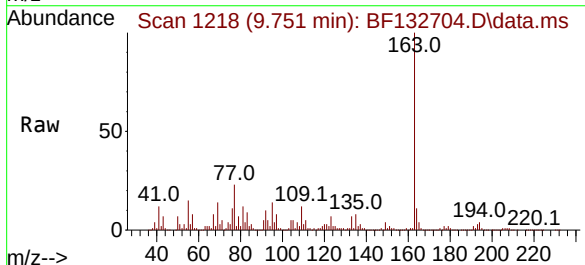
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

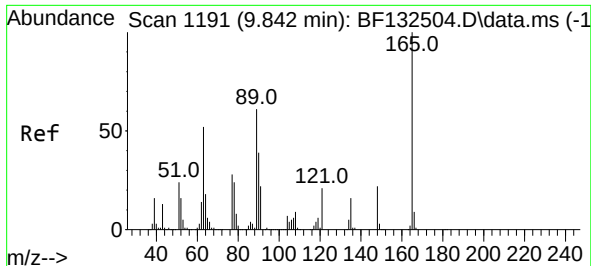
Tgt Ion:152 Resp: 656576
Ion Ratio Lower Upper
152 100
151 23.3 16.4 24.6
153 13.5 11.0 16.6



#50
Dimethylphthalate
Concen: 49.182 ng
RT: 9.751 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:163 Resp: 597163
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.8 8.3 12.5

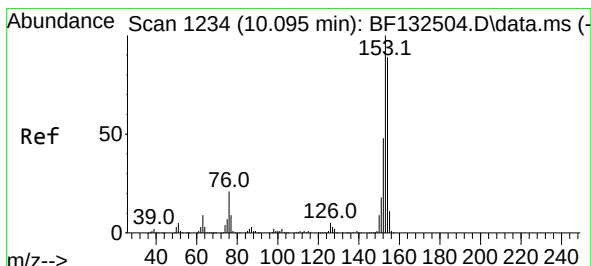
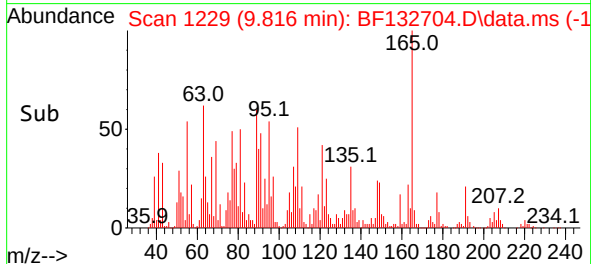
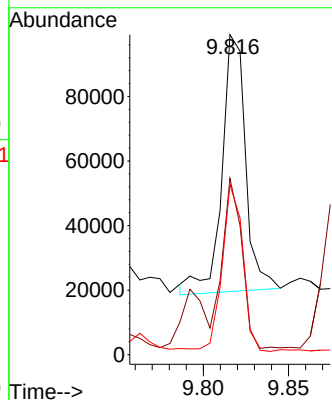
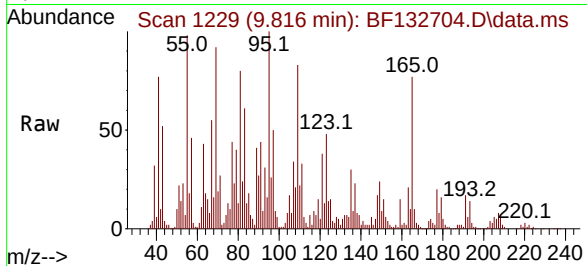




#51
2,6-Dinitrotoluene
Concen: 27.863 ng
RT: 9.816 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

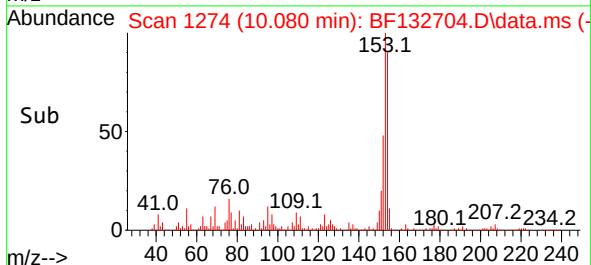
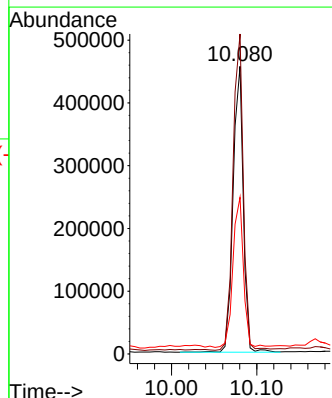
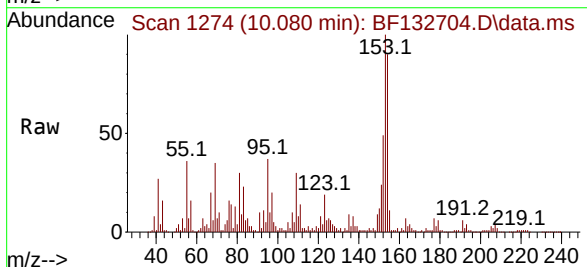
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

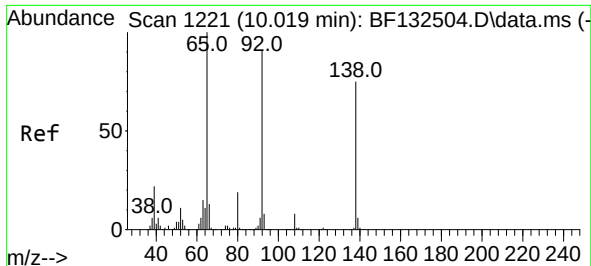
Tgt Ion:165 Resp: 77045
Ion Ratio Lower Upper
165 100
63 55.1 47.3 70.9
89 53.1 48.9 73.3



#52
Acenaphthene
Concen: 37.754 ng
RT: 10.080 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:154 Resp: 381806
Ion Ratio Lower Upper
154 100
153 111.2 89.8 134.8
152 54.5 43.3 64.9

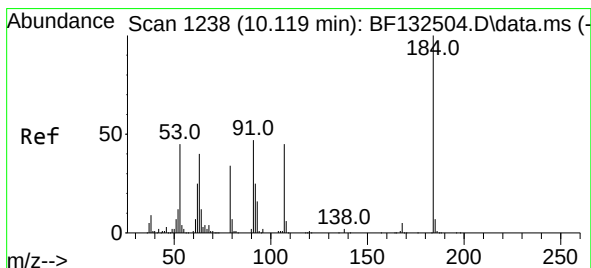
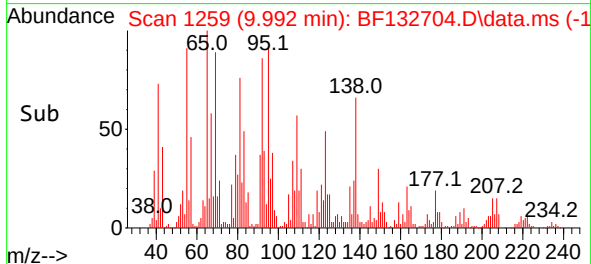
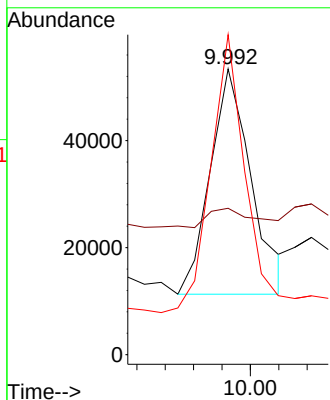
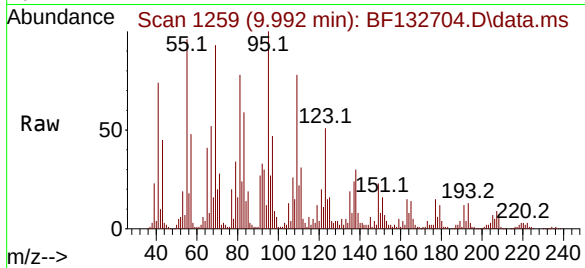




#53
3-Nitroaniline
Concen: 13.634 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

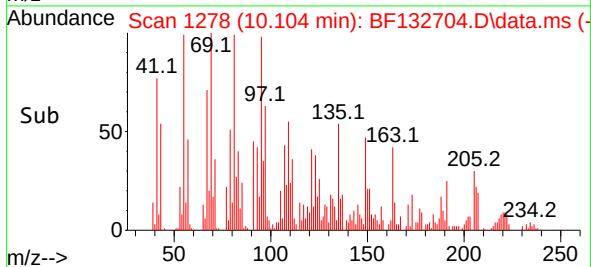
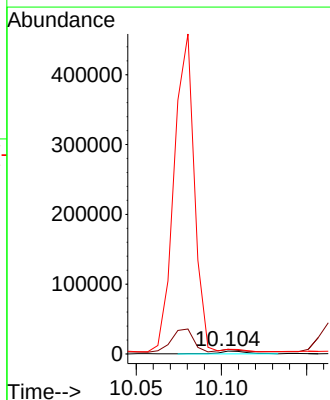
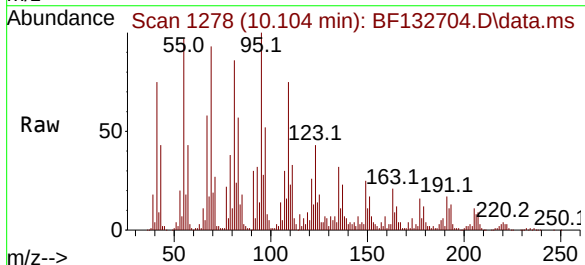
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

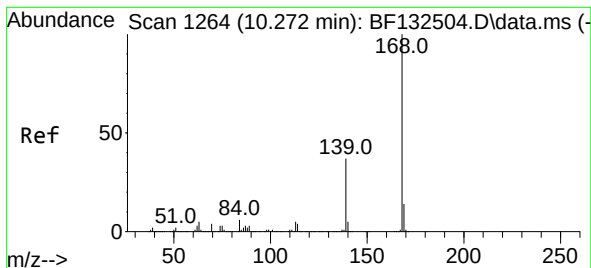
Tgt Ion:138 Resp: 42172
Ion Ratio Lower Upper
138 100
108 51.2 8.1 12.1#
92 112.0 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 4.345 ng
RT: 10.104 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:184 Resp: 4459
Ion Ratio Lower Upper
184 100
63 159.1 51.4 77.2#
154 155.0 48.3 72.5#





#55

Dibenzofuran

Concen: 39.442 ng

RT: 10.251 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

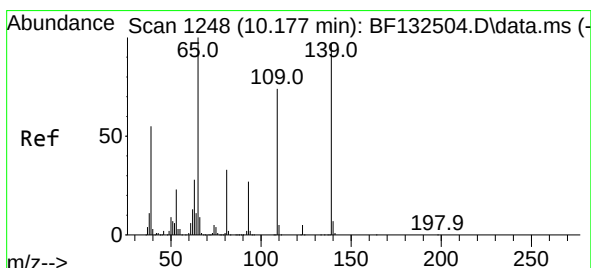
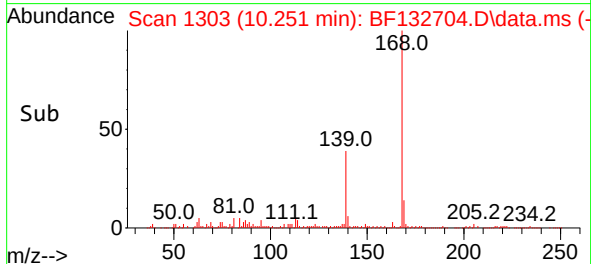
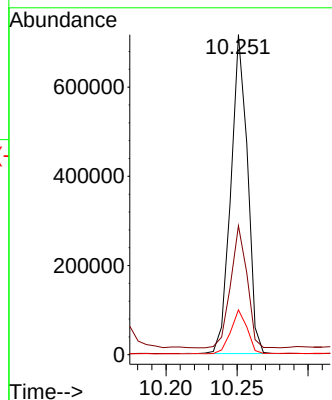
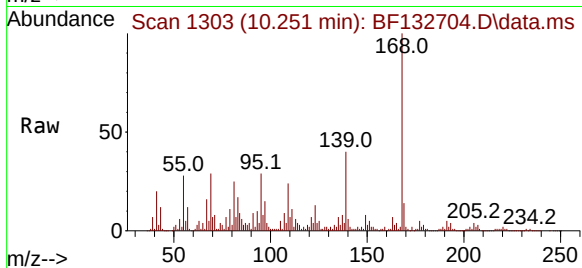
Tgt Ion:168 Resp: 581493

Ion Ratio Lower Upper

168 100

139 40.3 29.8 44.6

169 14.0 10.9 16.3



#56

4-Nitrophenol

Concen: 66.481 ng

RT: 10.163 min Scan# 1288

Delta R.T. 0.012 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

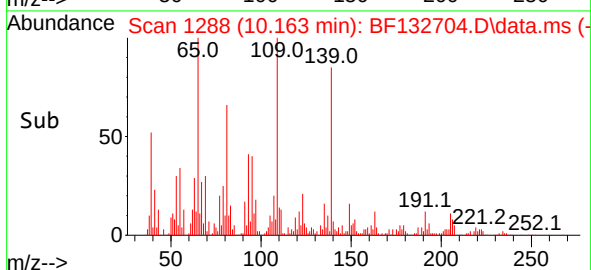
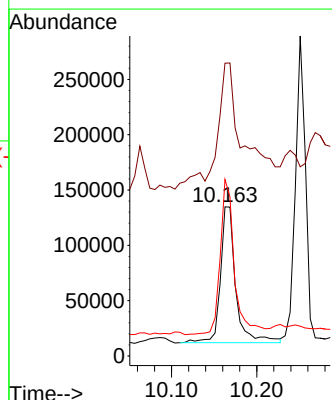
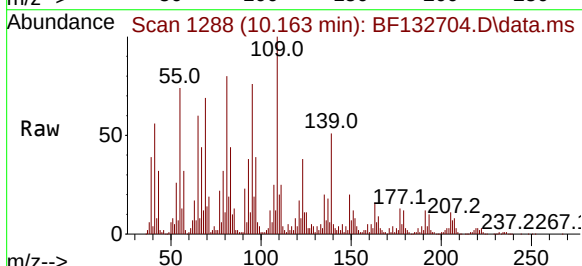
Tgt Ion:139 Resp: 153359

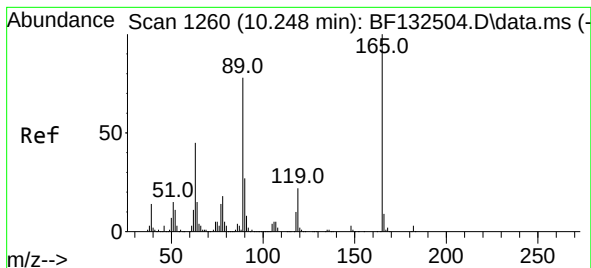
Ion Ratio Lower Upper

139 100

109 196.3 56.7 96.7#

65 118.3 83.5 123.5

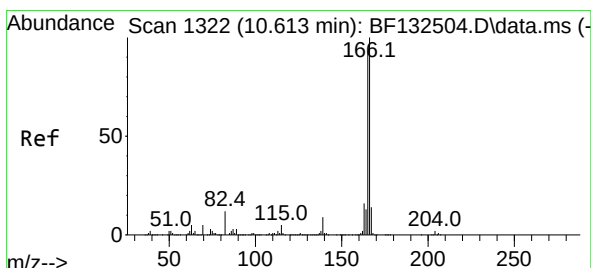
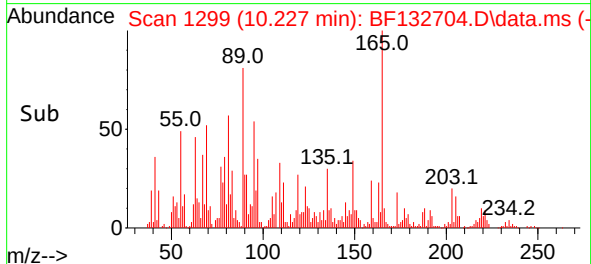
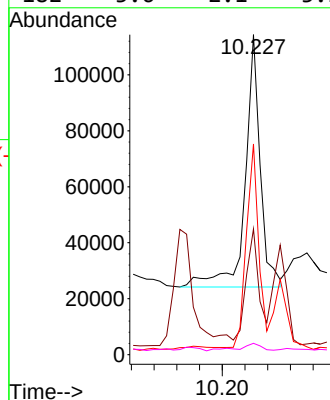
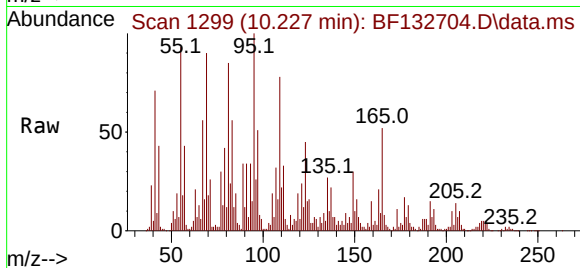




#57
2,4-Dinitrotoluene
Concen: 22.642 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

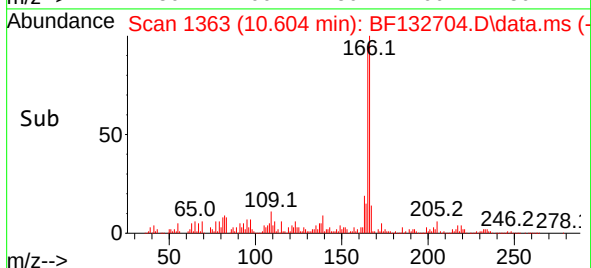
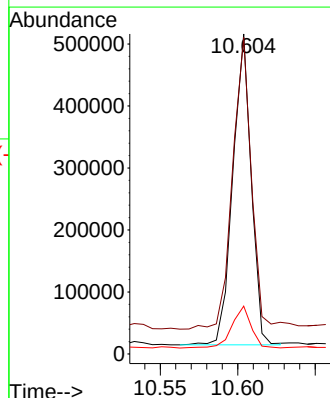
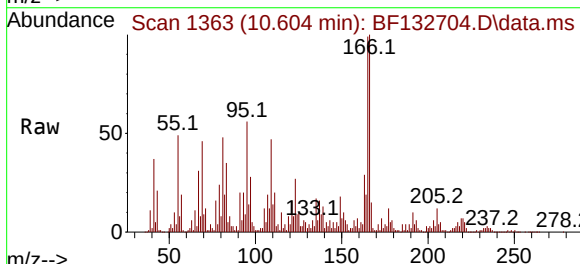
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

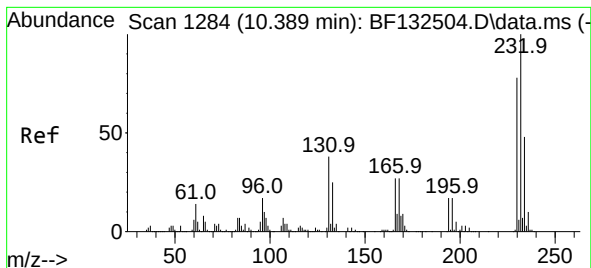
Tgt Ion:165 Resp: 83295
Ion Ratio Lower Upper
165 100
63 39.3 36.5 54.7
89 65.9 62.4 93.6
182 3.6 2.1 3.1#



#58
Fluorene
Concen: 36.581 ng
RT: 10.604 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:166 Resp: 412520
Ion Ratio Lower Upper
166 100
165 98.9 74.2 111.4
167 15.0 11.1 16.7

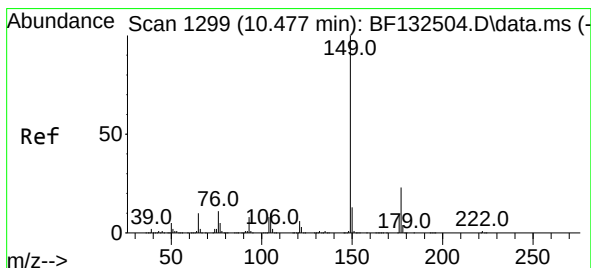
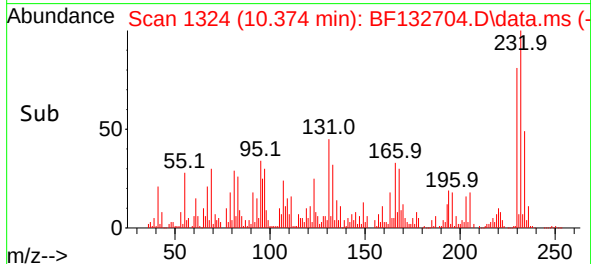
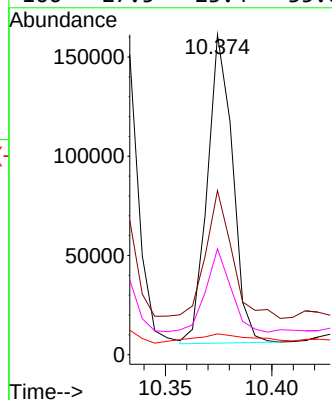
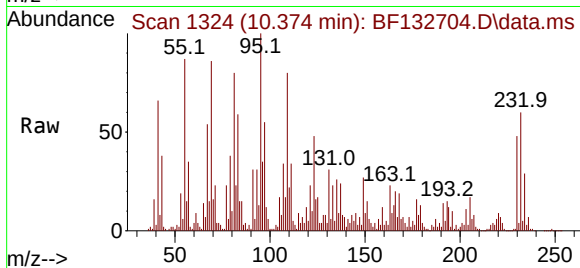




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.023 ng
RT: 10.374 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

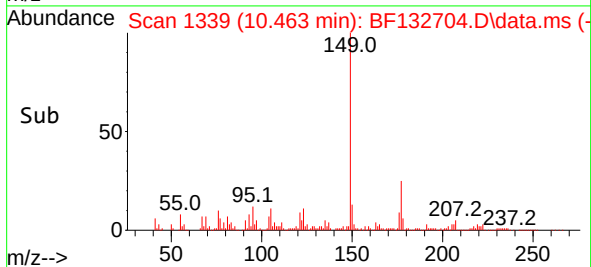
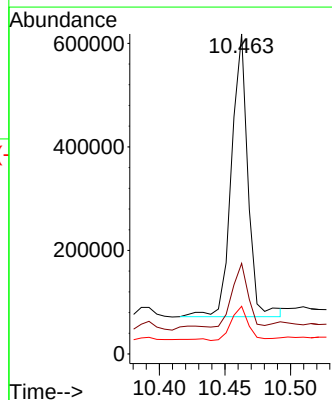
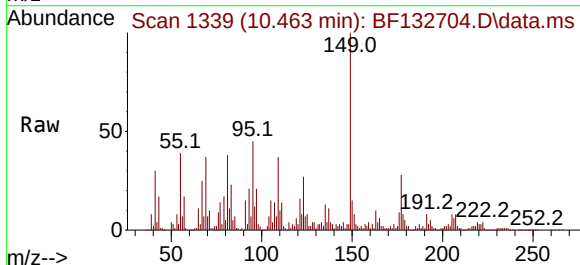
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

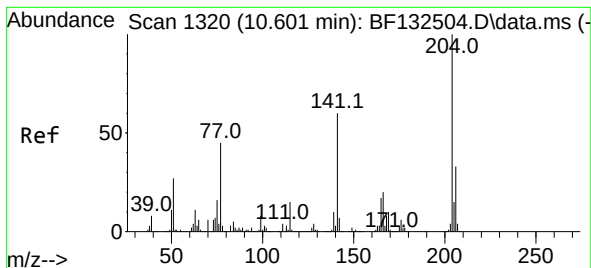
Tgt Ion:232 Resp: 128300
Ion Ratio Lower Upper
232 100
131 49.0 33.8 50.8
130 5.3 1.7 2.5#
166 27.5 23.4 35.0



#60
Diethylphthalate
Concen: 40.200 ng
RT: 10.463 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:149 Resp: 476706
Ion Ratio Lower Upper
149 100
177 28.3 18.1 27.1#
150 14.9 10.2 15.2

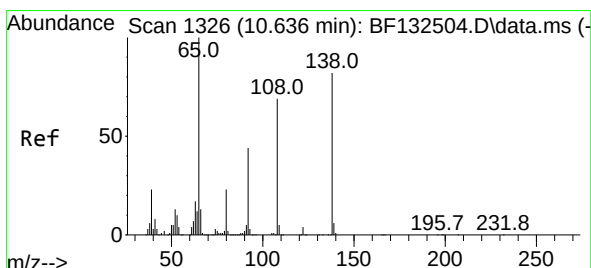
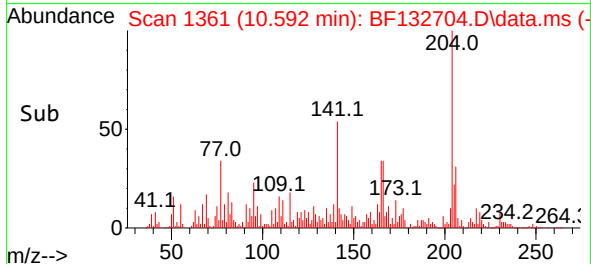
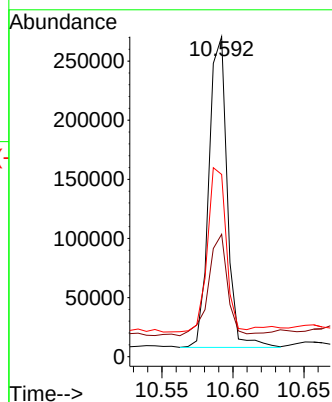
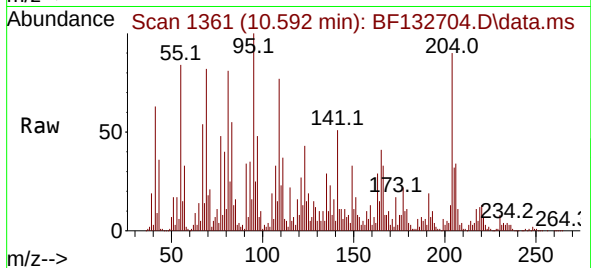




#61
4-Chlorophenyl-phenylether
Concen: 40.384 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

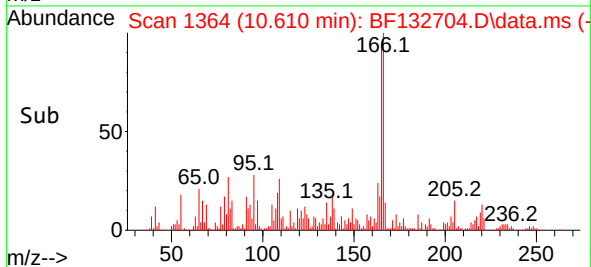
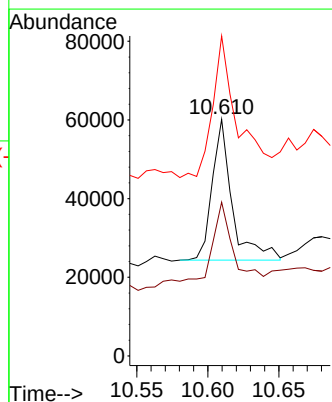
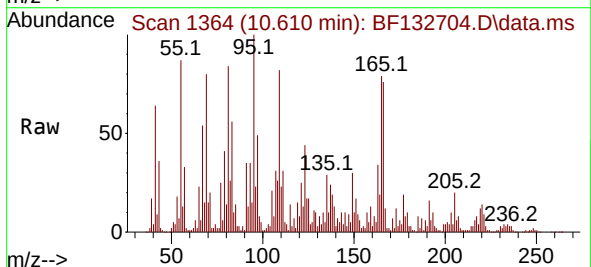
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

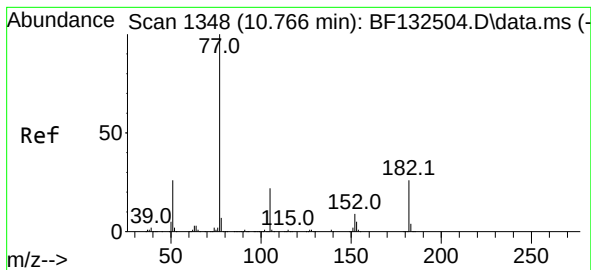
Tgt Ion:204 Resp: 236253
Ion Ratio Lower Upper
204 100
206 38.3 26.3 39.5
141 57.0 47.8 71.8



#62
4-Nitroaniline
Concen: 11.540 ng
RT: 10.610 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:138 Resp: 35040
Ion Ratio Lower Upper
138 100
92 64.9 33.8 73.8
108 135.2 63.7 103.7#





#63

Azobenzene

Concen: 27.314 ng

RT: 10.757 min Scan# 1

Delta R.T. 0.017 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

Tgt Ion: 77 Resp: 343028

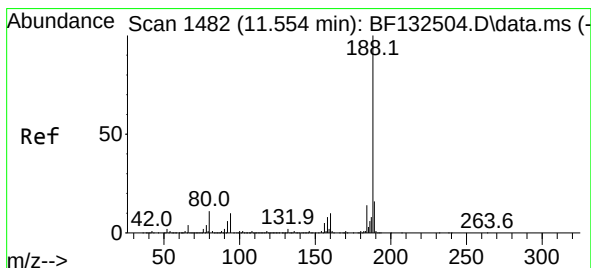
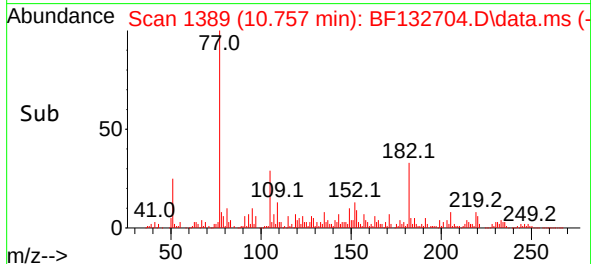
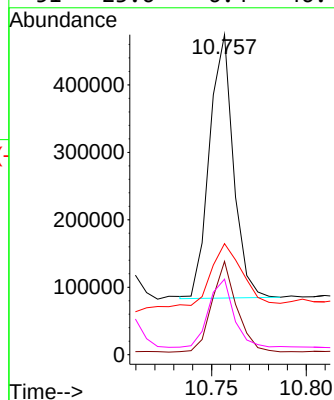
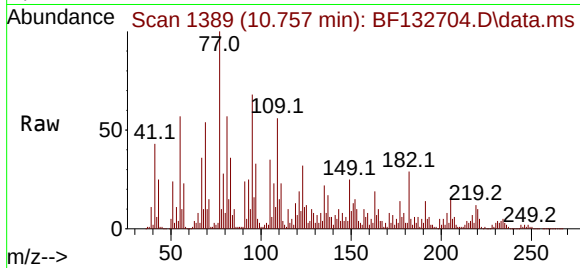
Ion Ratio Lower Upper

77 100

182 29.1 5.5 45.5

105 34.7 1.8 41.8

51 23.6 6.4 46.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1529

Delta R.T. 0.047 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

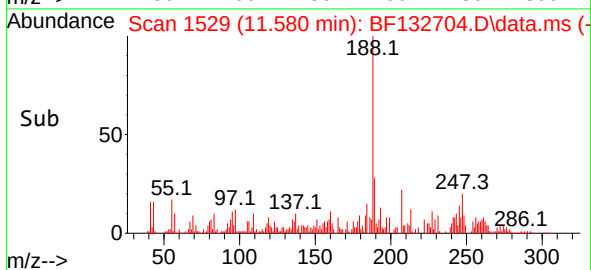
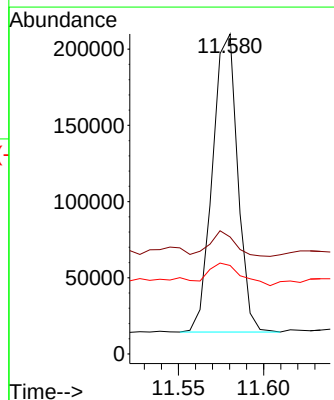
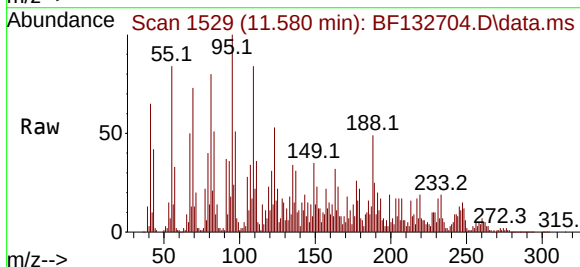
Tgt Ion: 188 Resp: 201116

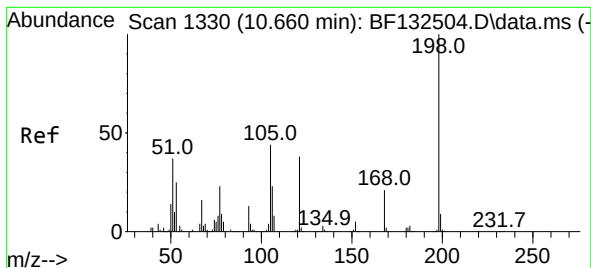
Ion Ratio Lower Upper

188 100

94 36.5 8.3 12.5#

80 27.7 8.7 13.1#

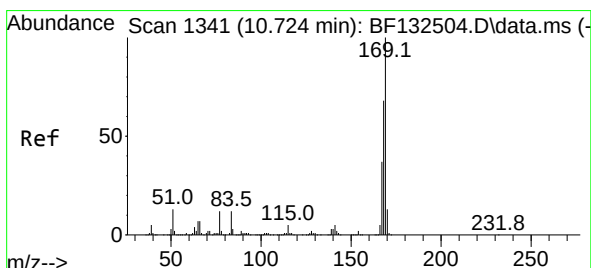
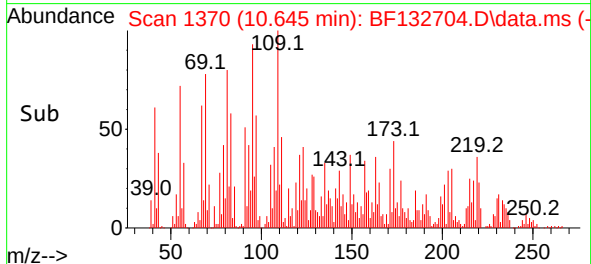
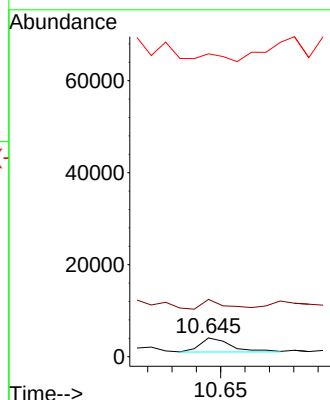
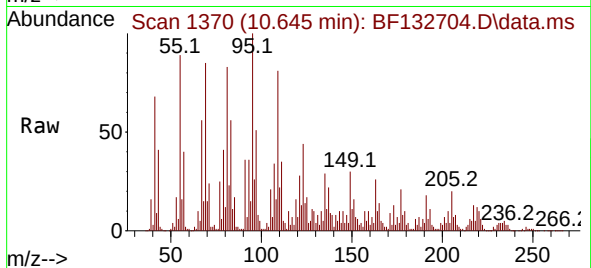




#65
4,6-Dinitro-2-methylphenol
Concen: 2.015 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

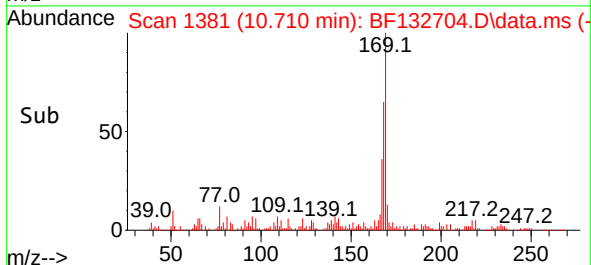
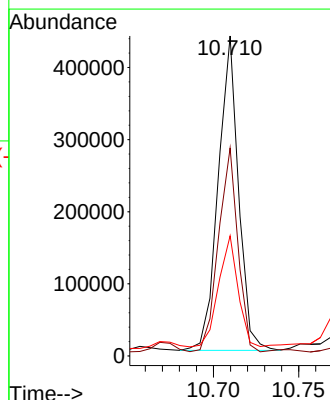
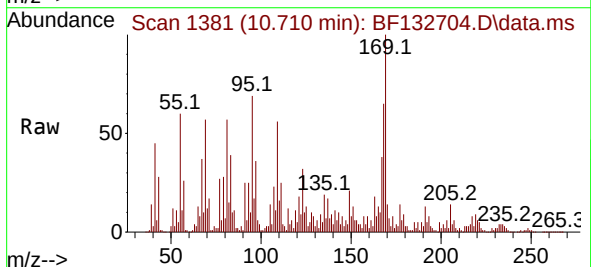
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

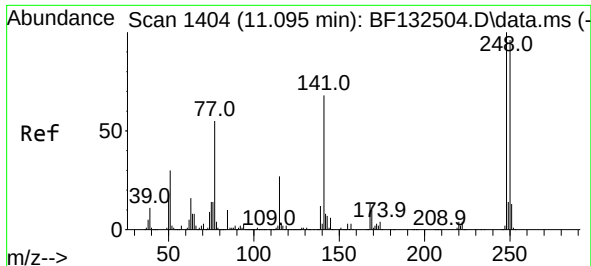
Tgt Ion:198 Resp: 2743
Ion Ratio Lower Upper
198 100
51 307.5 20.6 60.6#
105 1624.1 24.3 64.3#



#66
n-Nitrosodiphenylamine
Concen: 57.527 ng
RT: 10.710 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:169 Resp: 360692
Ion Ratio Lower Upper
169 100
168 65.0 54.2 81.4
167 37.5 29.6 44.4

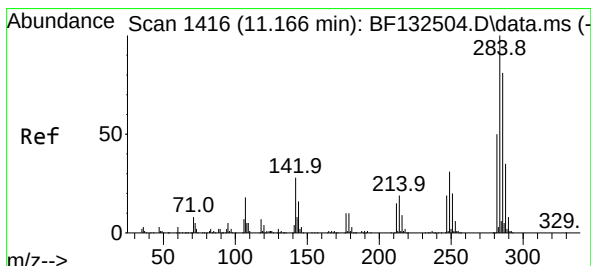
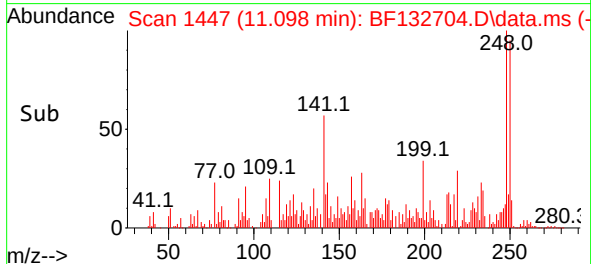
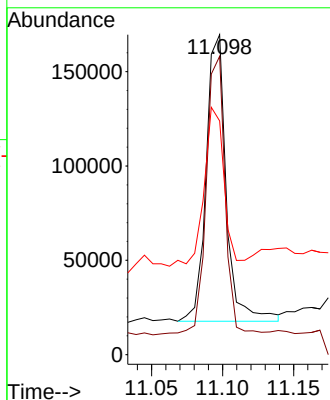
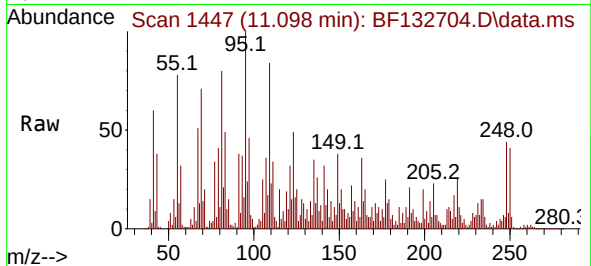




#67
4-Bromophenyl-phenylether
Concen: 66.227 ng
RT: 11.098 min Scan# 1404
Delta R.T. 0.023 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

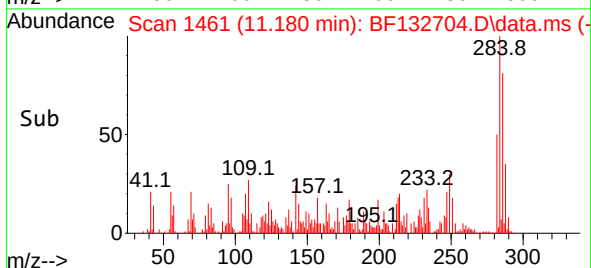
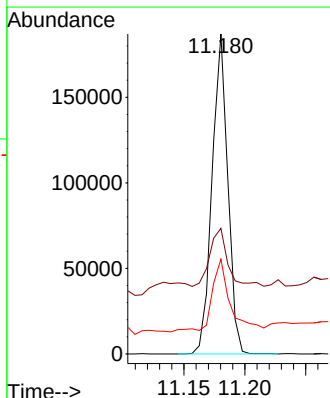
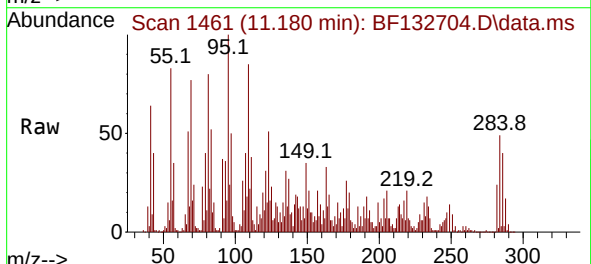
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

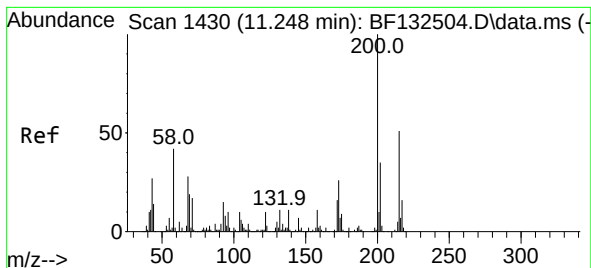
Tgt Ion:248 Resp: 150662
Ion Ratio Lower Upper
248 100
250 93.2 77.0 115.4
141 73.0 54.2 81.2



#68
Hexachlorobenzene
Concen: 70.151 ng
RT: 11.180 min Scan# 1461
Delta R.T. 0.035 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:284 Resp: 167924
Ion Ratio Lower Upper
284 100
142 39.2 22.2 33.4#
249 29.6 24.9 37.3





#69

Atrazine

Concen: 10.919 ng

RT: 11.257 min Scan# 14

Delta R.T. 0.035 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

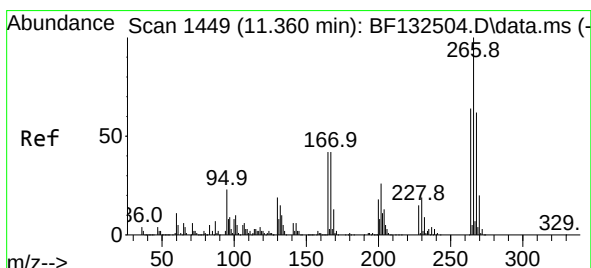
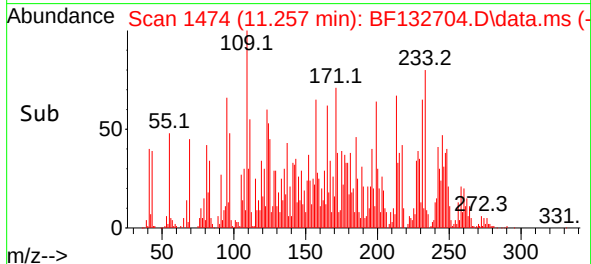
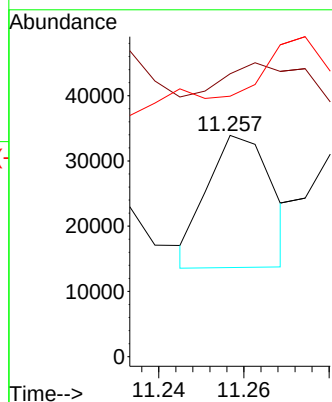
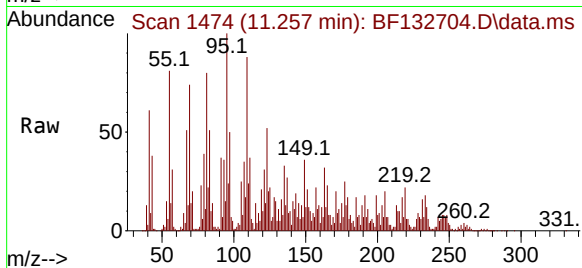
Tgt Ion:200 Resp: 21373

Ion Ratio Lower Upper

200 100

173 127.9 6.4 46.4#

215 117.7 31.0 71.0#



#70

Pentachlorophenol

Concen: 115.930 ng

RT: 11.380 min Scan# 1495

Delta R.T. 0.041 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

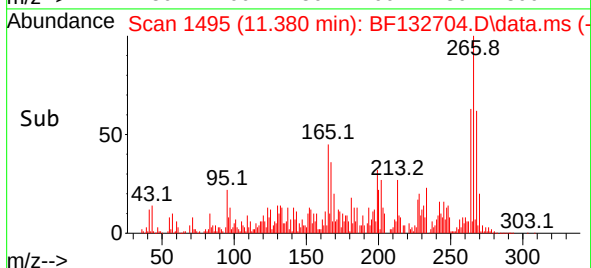
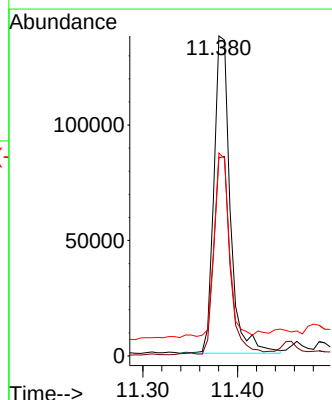
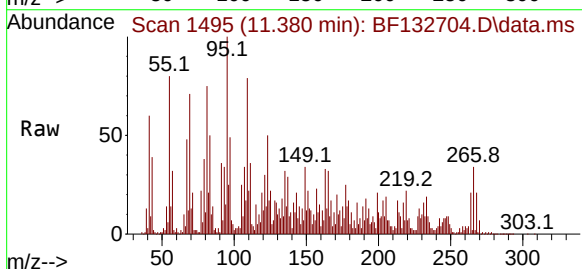
Tgt Ion:266 Resp: 165108

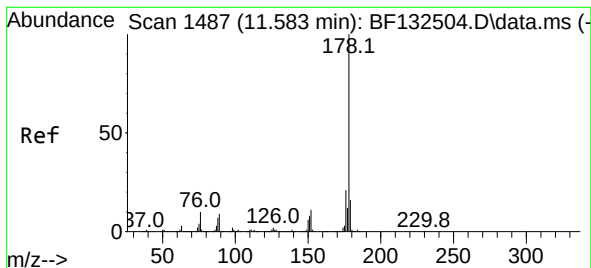
Ion Ratio Lower Upper

266 100

268 61.9 49.8 74.6

264 63.4 50.9 76.3





#71

Phenanthrene

Concen: 46.693 ng

RT: 11.604 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

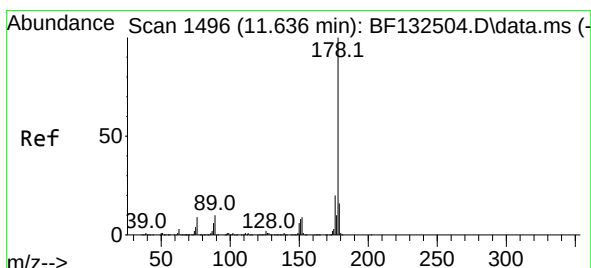
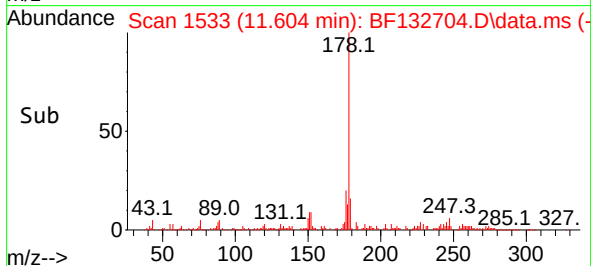
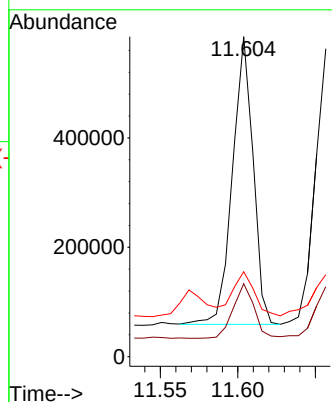
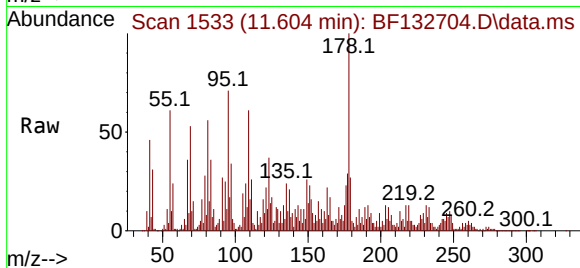
Tgt Ion:178 Resp: 486489

Ion Ratio Lower Upper

178 100

176 22.8 16.5 24.7

179 26.6 13.0 19.6#



#72

Anthracene

Concen: 45.725 ng

RT: 11.657 min Scan# 1542

Delta R.T. 0.041 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

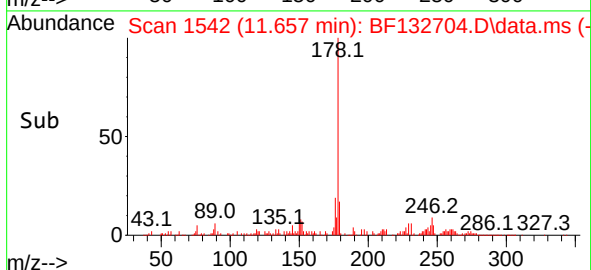
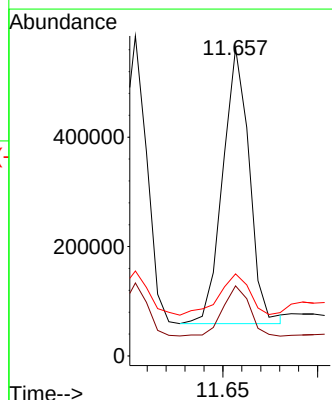
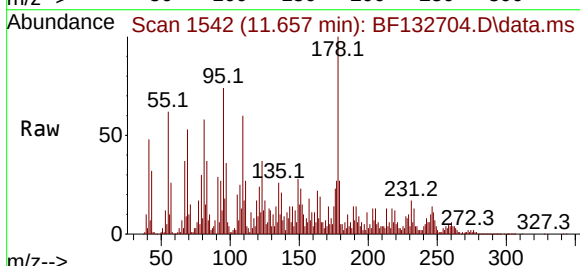
Tgt Ion:178 Resp: 490578

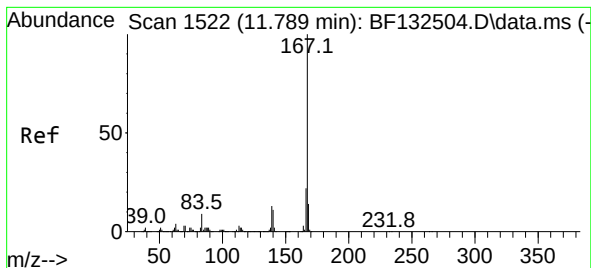
Ion Ratio Lower Upper

178 100

176 22.8 15.6 23.4

179 26.6 12.5 18.7#





#73

Carbazole

Concen: 42.289 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

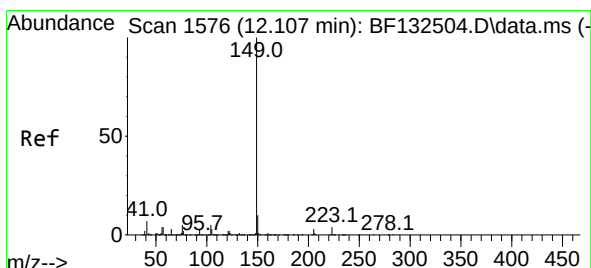
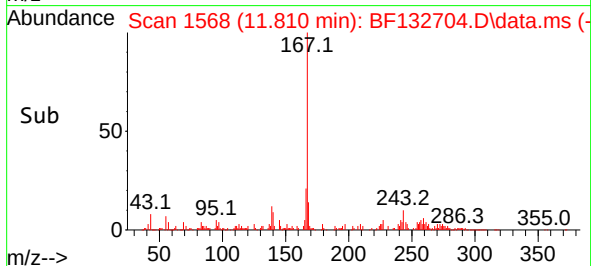
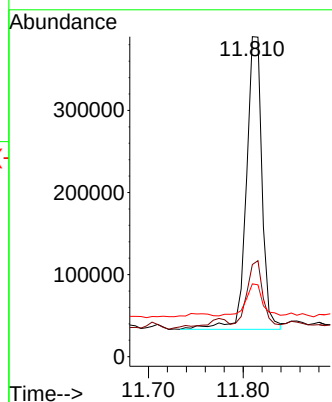
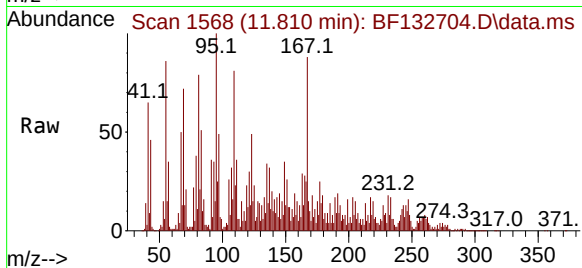
Tgt Ion:167 Resp: 409074

Ion Ratio Lower Upper

167 100

166 28.8 17.7 26.5#

139 22.8 10.5 15.7#



#74

Di-n-butylphthalate

Concen: 36.523 ng

RT: 12.139 min Scan# 1624

Delta R.T. 0.053 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

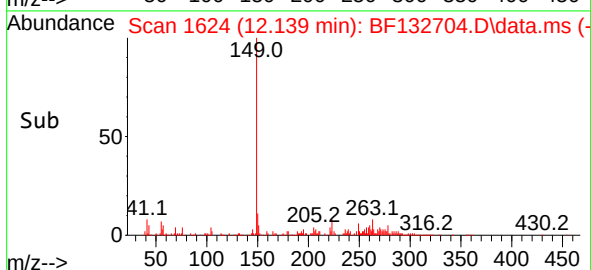
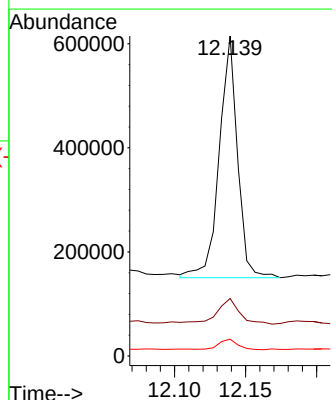
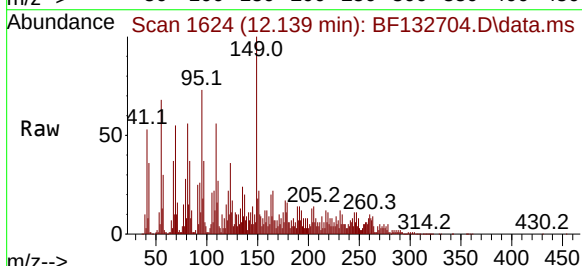
Tgt Ion:149 Resp: 414420

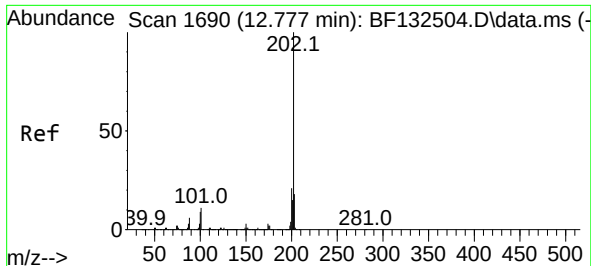
Ion Ratio Lower Upper

149 100

150 18.0 7.8 11.8#

104 5.3 4.3 6.5

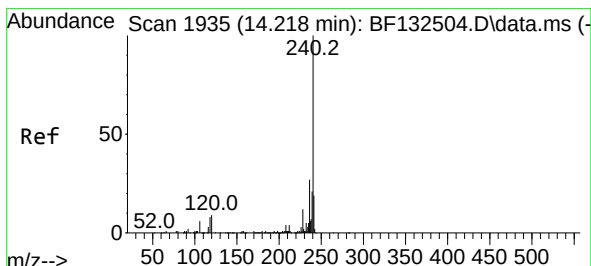
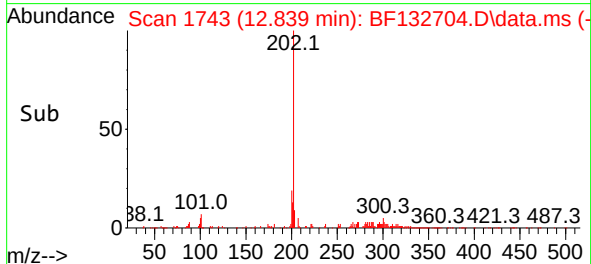
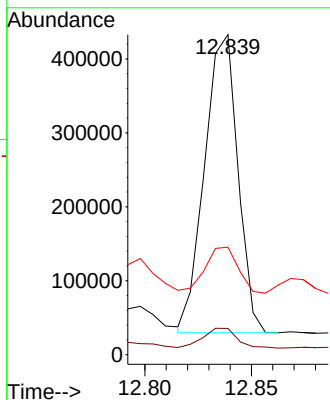
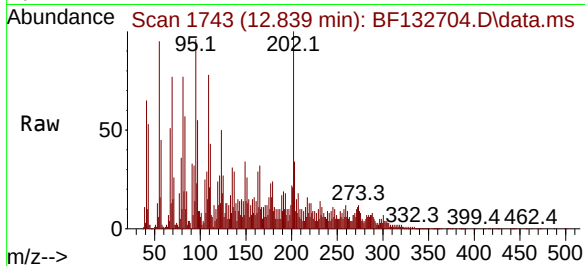




#75
Fluoranthene
Concen: 38.516 ng
RT: 12.839 min Scan# 1743
Delta R.T. 0.082 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

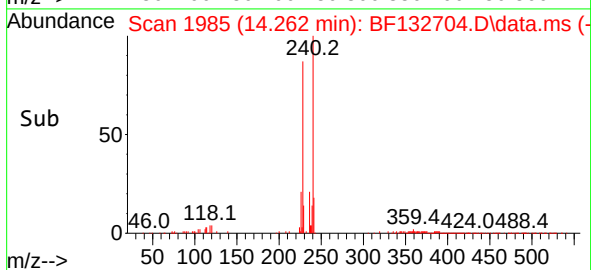
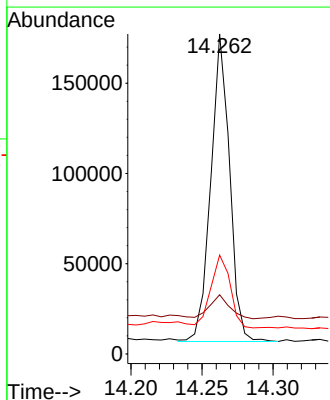
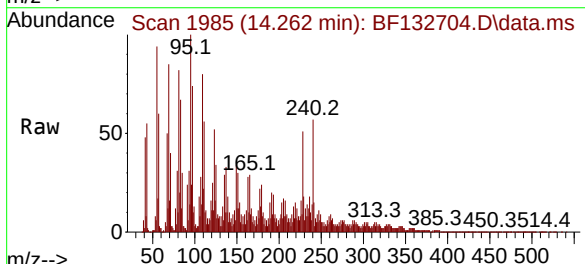
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

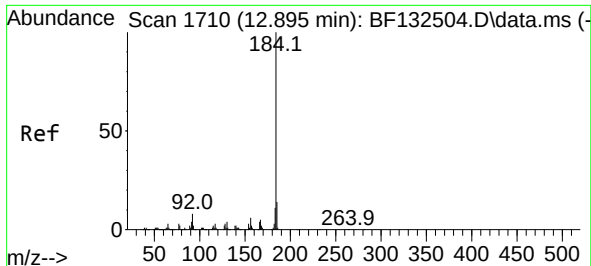
Tgt Ion:202 Resp: 438697
Ion Ratio Lower Upper
202 100
101 8.2 0.0 31.4
203 33.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.262 min Scan# 1985
Delta R.T. 0.064 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:240 Resp: 156892
Ion Ratio Lower Upper
240 100
120 18.5 7.2 10.8#
236 30.9 21.8 32.6

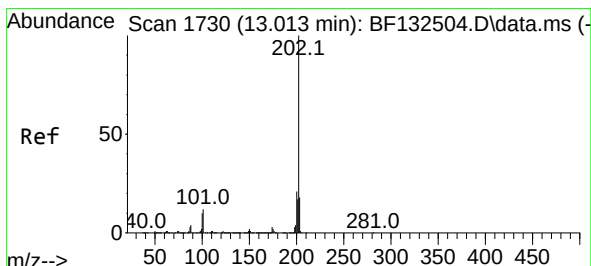
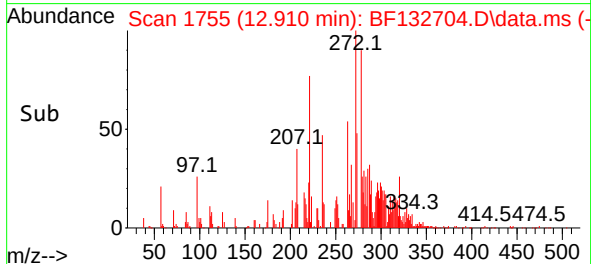
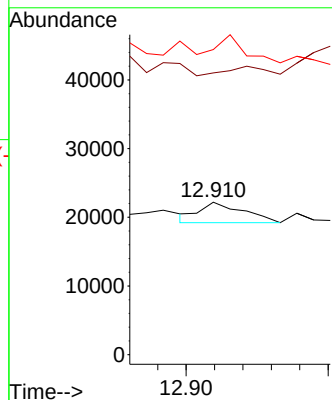
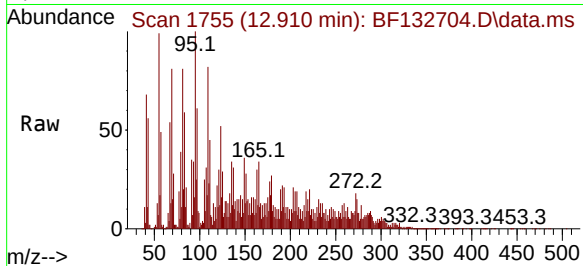




#77
Benzidine
Concen: 0.826 ng
RT: 12.910 min Scan# 1755
Delta R.T. 0.035 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

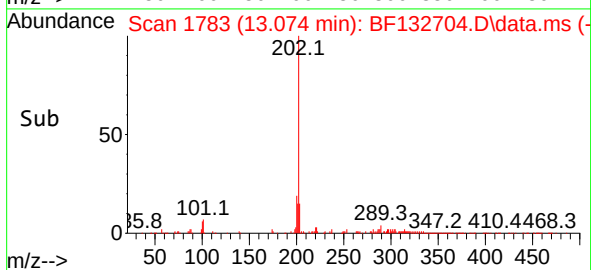
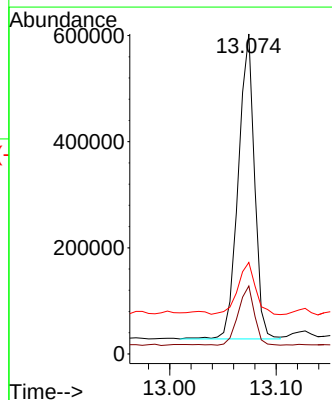
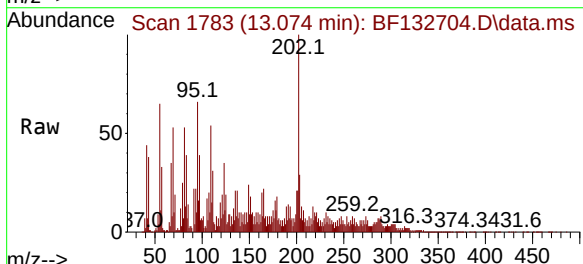
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

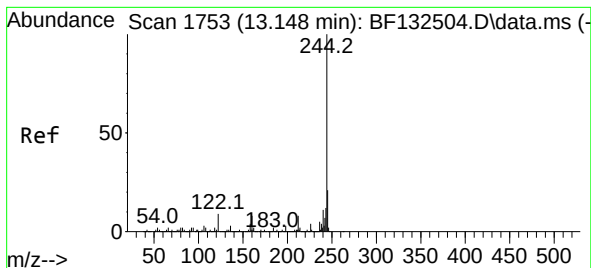
Tgt Ion:184 Resp: 3154
Ion Ratio Lower Upper
184 100
185 184.7 11.7 17.5#
183 200.0 8.7 13.1#



#78
Pyrene
Concen: 42.726 ng
RT: 13.074 min Scan# 1783
Delta R.T. 0.082 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:202 Resp: 609461
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 28.6 14.6 21.8#





#79

Terphenyl-d14

Concen: 71.644 ng

RT: 13.198 min Scan# 1

Delta R.T. 0.070 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

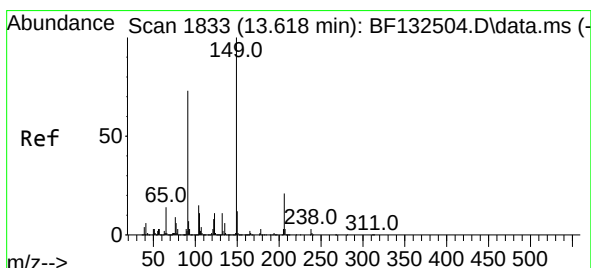
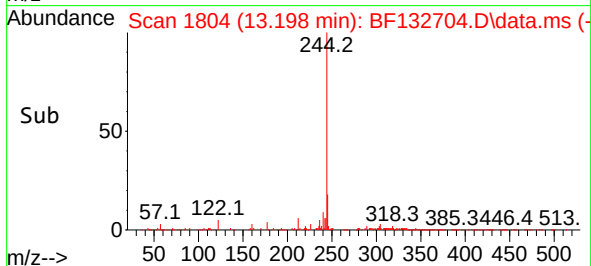
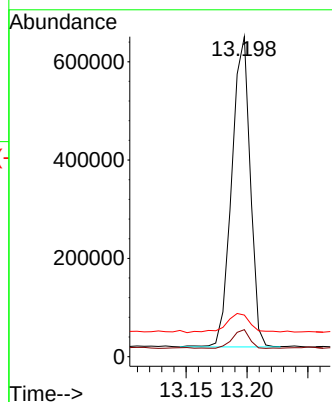
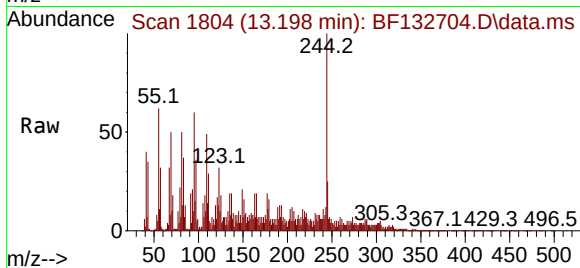
Tgt Ion:244 Resp: 664819

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 13.0 7.5 11.3#



#80

Butylbenzylphthalate

Concen: 26.200 ng

RT: 13.657 min Scan# 1882

Delta R.T. 0.059 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

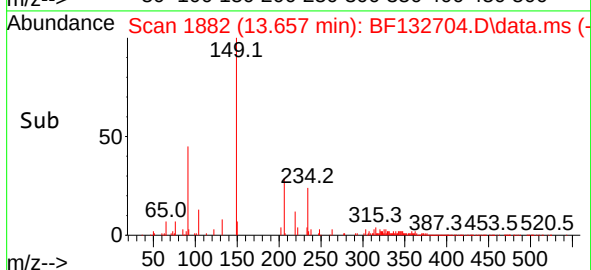
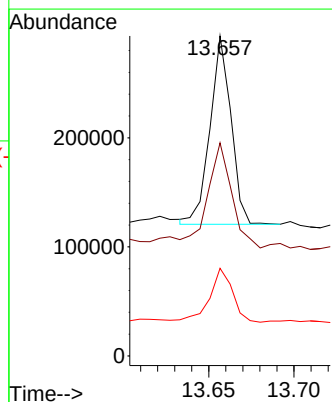
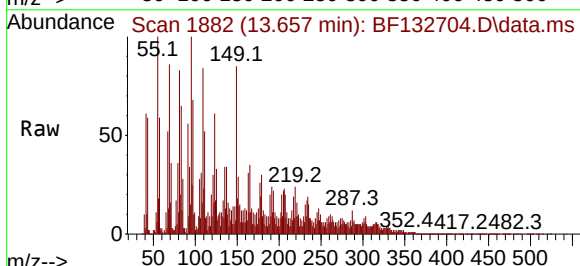
Tgt Ion:149 Resp: 147478

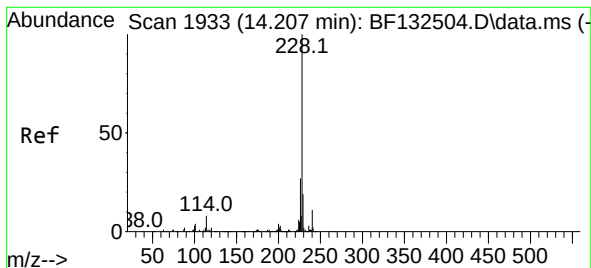
Ion Ratio Lower Upper

149 100

91 66.6 58.4 87.6

206 27.4 16.8 25.2#





#81

Benzo(a)anthracene

Concen: 40.364 ng

RT: 14.251 min Scan# 1933

Delta R.T. 0.064 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

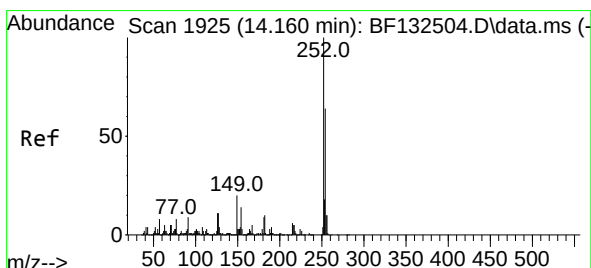
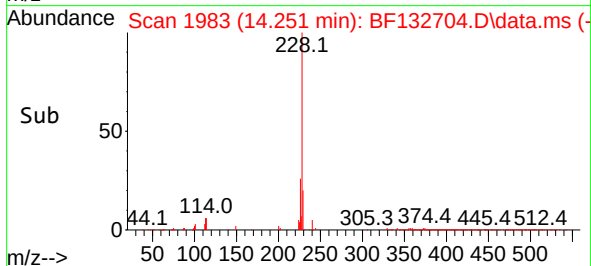
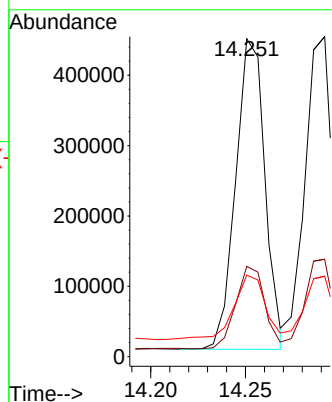
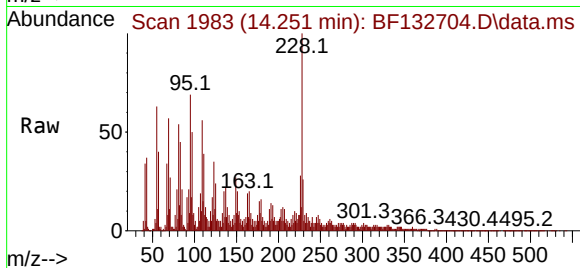
Tgt Ion:228 Resp: 473839

Ion Ratio Lower Upper

228 100

226 28.4 21.7 32.5

229 25.7 15.4 23.2#



#82

3,3'-Dichlorobenzidine

Concen: 0.754 ng

RT: 14.215 min Scan# 1977

Delta R.T. 0.076 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

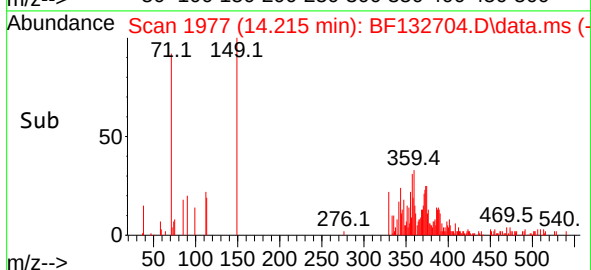
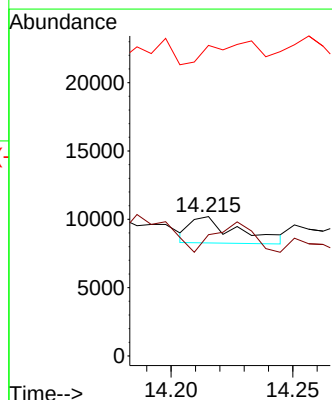
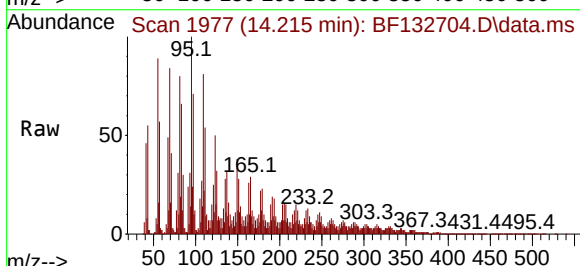
Tgt Ion:252 Resp: 2609

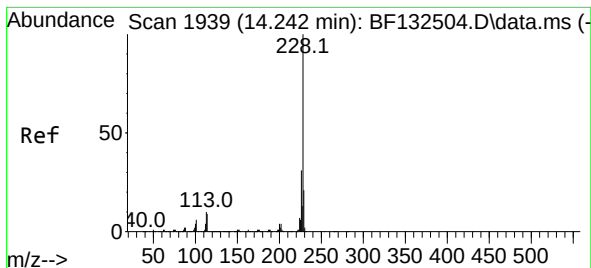
Ion Ratio Lower Upper

252 100

254 87.0 51.4 77.2#

126 222.7 8.9 13.3#





#83

Chrysene

Concen: 41.473 ng

RT: 14.292 min Scan# 1939

Delta R.T. 0.070 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

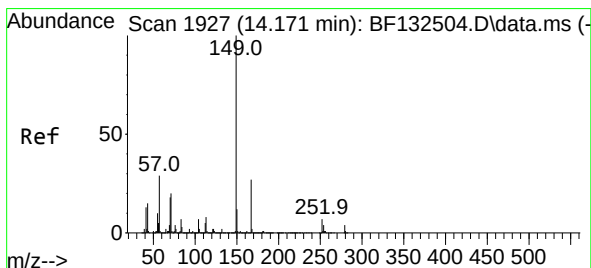
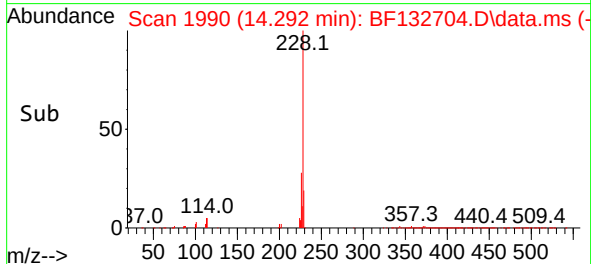
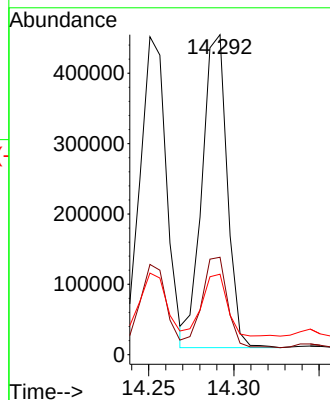
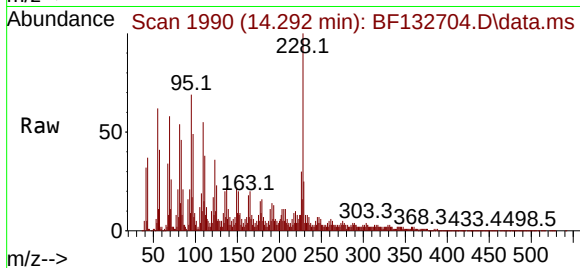
Tgt Ion:228 Resp: 455267

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 25.2 16.4 24.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.040 ng

RT: 14.204 min Scan# 1975

Delta R.T. 0.053 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

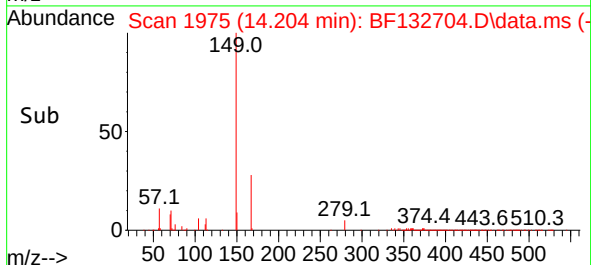
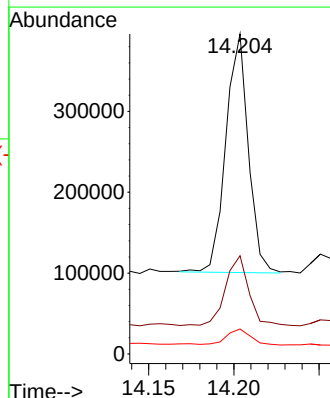
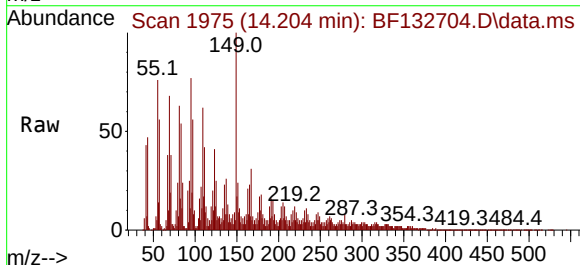
Tgt Ion:149 Resp: 269956

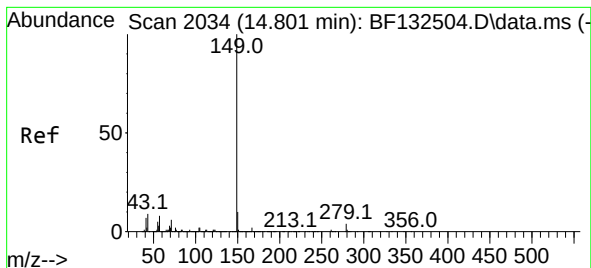
Ion Ratio Lower Upper

149 100

167 30.7 21.8 32.6

279 7.8 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 39.085 ng

RT: 14.827 min Scan# 20

Delta R.T. 0.053 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

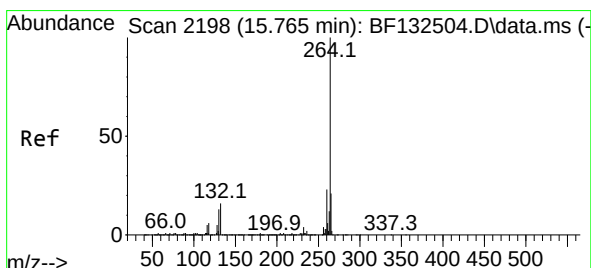
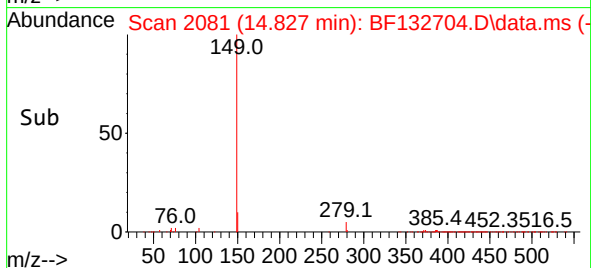
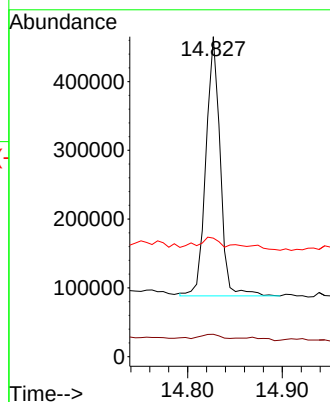
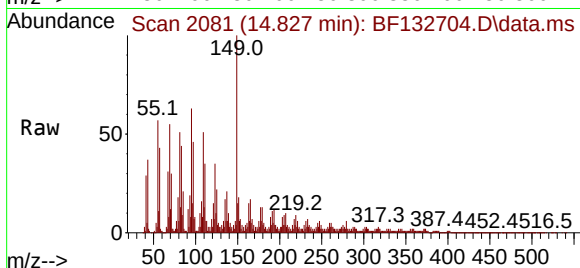
Tgt Ion:149 Resp: 394945

Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

43 3.1 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2251

Delta R.T. 0.088 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

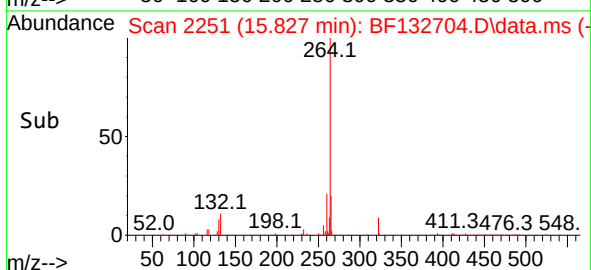
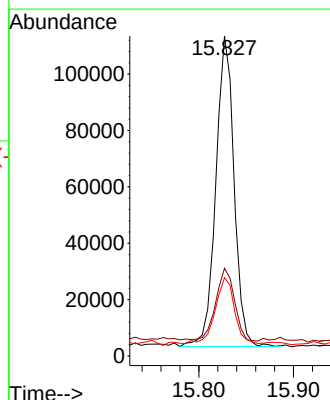
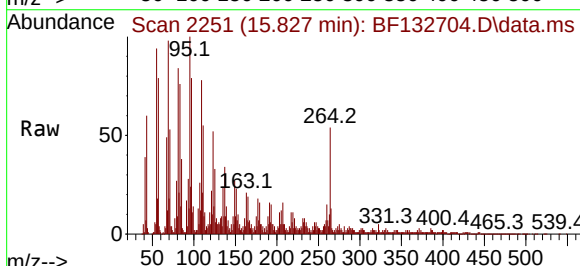
Tgt Ion:264 Resp: 147627

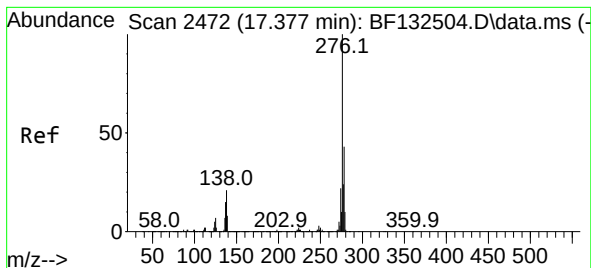
Ion Ratio Lower Upper

264 100

260 27.4 18.8 28.2

265 24.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.746 ng

RT: 17.450 min Scan# 2171

Delta R.T. 0.106 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

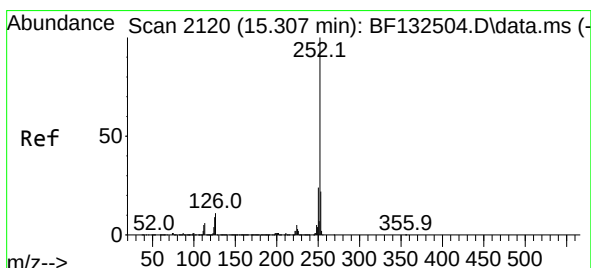
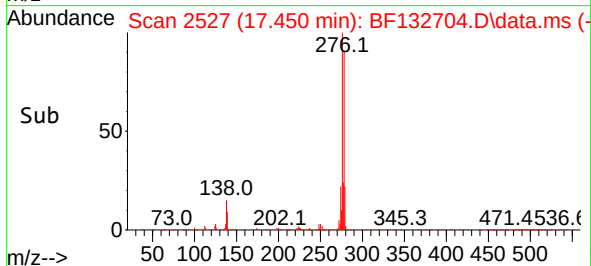
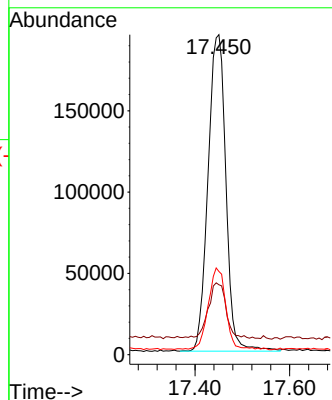
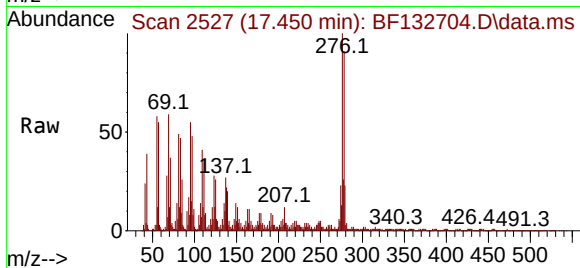
Tgt Ion:276 Resp: 510218

Ion Ratio Lower Upper

276 100

138 17.8 19.0 28.4#

277 24.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.454 ng

RT: 15.356 min Scan# 2171

Delta R.T. 0.076 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

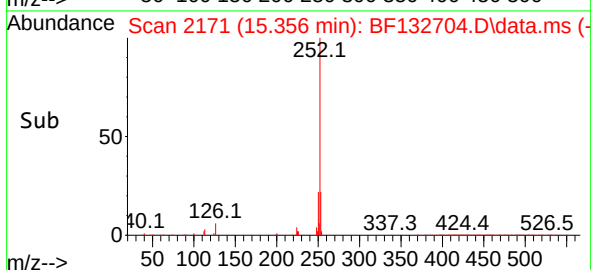
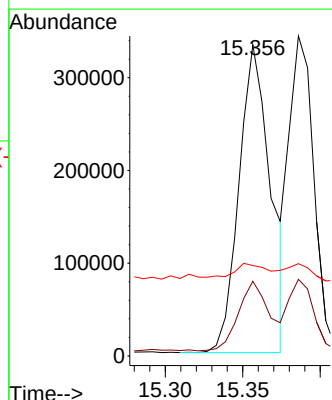
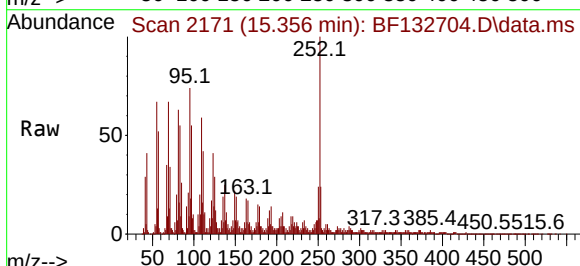
Tgt Ion:252 Resp: 469477

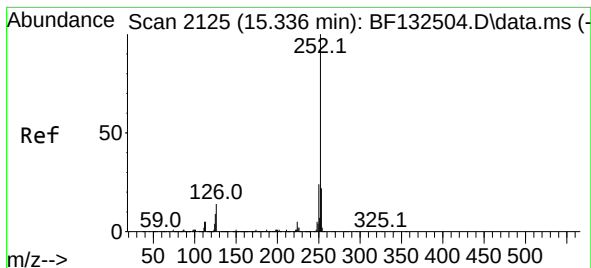
Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

125 29.1 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 39.284 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

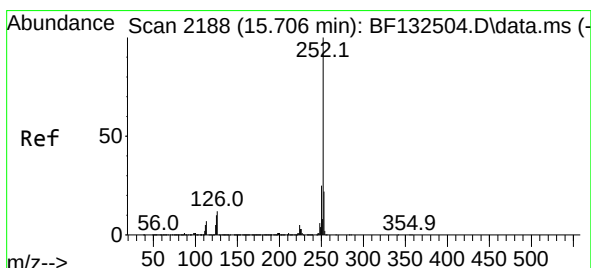
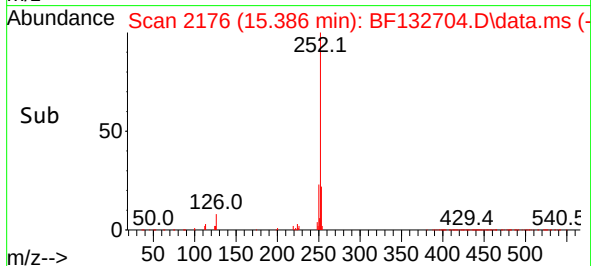
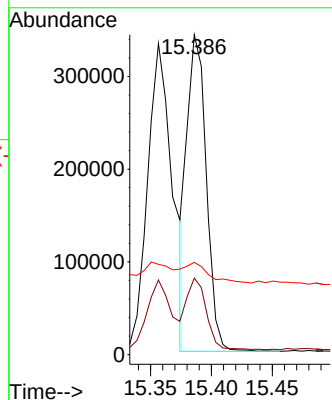
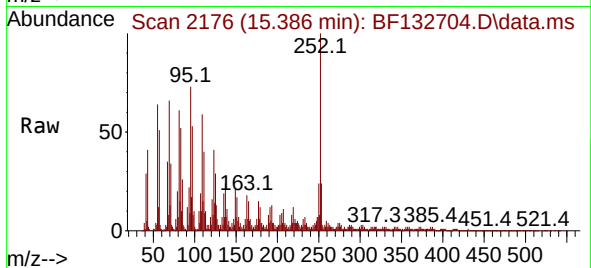
Tgt Ion:252 Resp: 380363

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 28.9 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 39.756 ng

RT: 15.762 min Scan# 2240

Delta R.T. 0.088 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

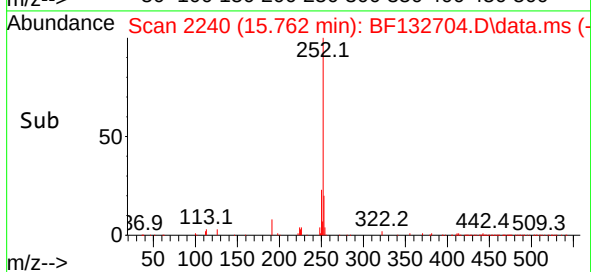
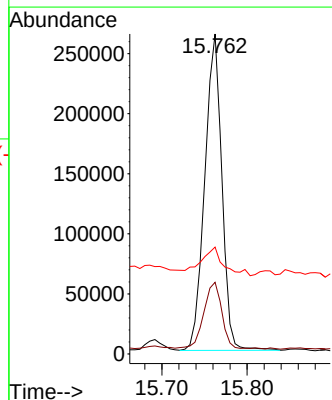
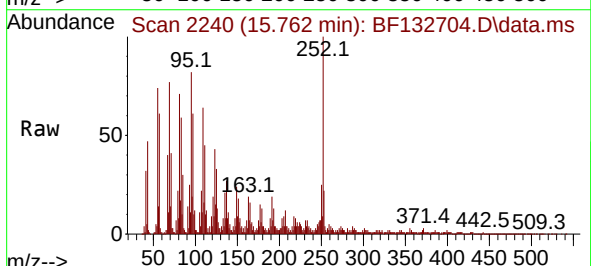
Tgt Ion:252 Resp: 368110

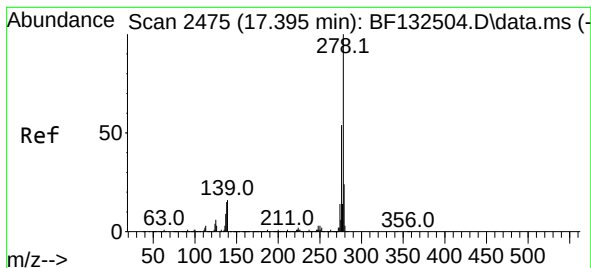
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 33.4 8.0 12.0#





#91

Dibenzo(a,h)anthracene

Concen: 54.309 ng

RT: 17.456 min Scan# 21

Delta R.T. 0.100 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

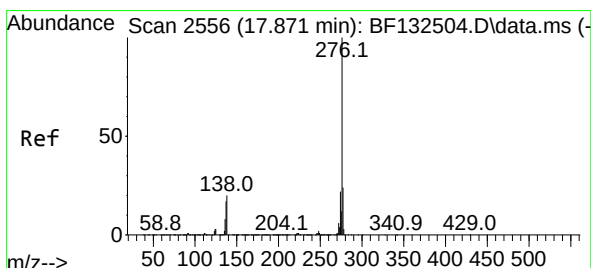
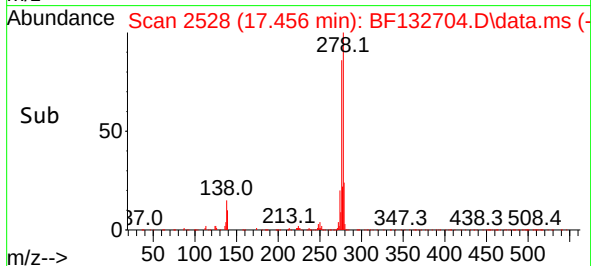
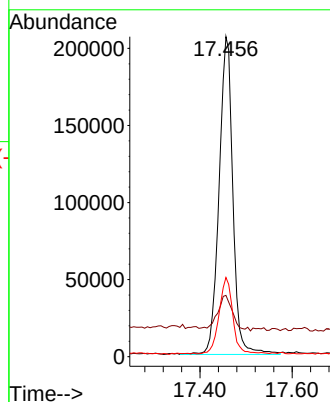
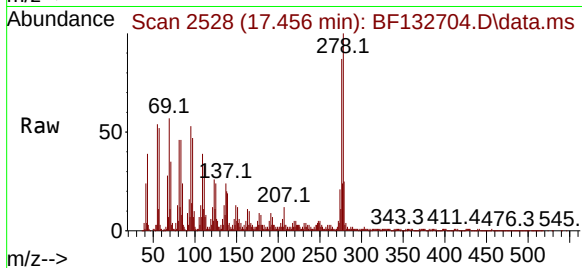
Tgt Ion:278 Resp: 428032

Ion Ratio Lower Upper

278 100

139 19.2 13.0 19.4

279 24.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.183 ng

RT: 17.939 min Scan# 2610

Delta R.T. 0.106 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Tgt Ion:276 Resp: 429212

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 19.5 16.2 24.4

