

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132705.D
 Acq On : 08 Mar 2023 23:11
 Operator : CG\JU
 Sample : 01829-12MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10-20230306MSD

Quant Time: Mar 09 04:31:01 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	143477	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	482437	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	180322	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	218883	20.000	ng	# 0.05
76) Chrysene-d12	14.268	240	166657	20.000	ng	# 0.07
86) Perylene-d12	15.833	264	156148	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	886246	100.250	ng	0.01
7) Phenol-d6	6.634	99	1051933	91.175	ng	0.01
23) Nitrobenzene-d5	7.557	82	660575	64.963	ng	0.00
42) 2,4,6-Tribromophenol	10.857	330	233924	120.121	ng	0.02
45) 2-Fluorobiphenyl	9.351	172	1054859	89.074	ng	0.00
79) Terphenyl-d14	13.198	244	698535	70.867	ng	0.07
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	142538	29.148	ng	99
3) Pyridine	3.616	79	464659	35.797	ng	96
4) n-Nitrosodimethylamine	3.540	42	185447	37.823	ng	# 94
6) Aniline	6.722	93	481077	30.984	ng	# 56
8) 2-Chlorophenol	6.787	128	407501	44.413	ng	97
9) Benzaldehyde	6.545	77	185754	29.837	ng	97
10) Phenol	6.645	94	503692	38.079	ng	99
11) bis(2-Chloroethyl)ether	6.722	93	481077	47.112	ng	95
12) 1,3-Dichlorobenzene	6.934	146	436212	44.303	ng	98
13) 1,4-Dichlorobenzene	7.010	146	437119	44.461	ng	99
14) 1,2-Dichlorobenzene	7.163	146	419065	44.414	ng	98
15) Benzyl Alcohol	7.139	79	355838	40.047	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.263	45	504998	38.782	ng	73
17) 2-Methylphenol	7.251	107	326193	38.093	ng	97
18) Hexachloroethane	7.504	117	116156	30.241	ng	95
19) n-Nitroso-di-n-propyla...	7.404	70	271358	38.216	ng	95
20) 3+4-Methylphenols	7.404	107	391915	35.426	ng	# 88
22) Acetophenone	7.398	105	540037	44.393	ng	# 91
24) Nitrobenzene	7.575	77	415264	38.185	ng	97
25) Isophorone	7.816	82	767790	39.383	ng	99
26) 2-Nitrophenol	7.892	139	72709	15.153	ng	92
27) 2,4-Dimethylphenol	7.928	122	330532	43.646	ng	98
28) bis(2-Chloroethoxy)met...	8.016	93	494923	43.397	ng	100
29) 2,4-Dichlorophenol	8.139	162	322379	42.794	ng	97
30) 1,2,4-Trichlorobenzene	8.216	180	357403	43.692	ng	97
31) Naphthalene	8.304	128	1035549	41.929	ng	99
32) Benzoic acid	8.063	122	214154	36.854	ng	95
33) 4-Chloroaniline	8.369	127	31300	2.957	ng	95
34) Hexachlorobutadiene	8.410	225	236193	45.439	ng	99
35) Caprolactam	8.745	113	91402	36.803	ng	# 89
36) 4-Chloro-3-methylphenol	8.833	107	298647	36.098	ng	97
37) 2-Methylnaphthalene	8.992	142	623769	37.060	ng	100
38) 1-Methylnaphthalene	9.092	142	576273	36.636	ng	100
40) 1,2,4,5-Tetrachloroben...	9.157	216	343554	58.232	ng	99
41) Hexachlorocyclopentadiene	9.139	237	26488	8.278	ng	100
43) 2,4,6-Trichlorophenol	9.275	196	219574	54.918	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132705.D
 Acq On : 08 Mar 2023 23:11
 Operator : CG\JU
 Sample : 01829-12MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

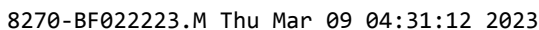
Instrument :
 BNA_F
 ClientSampleId :
 SS-10-20230306MSD

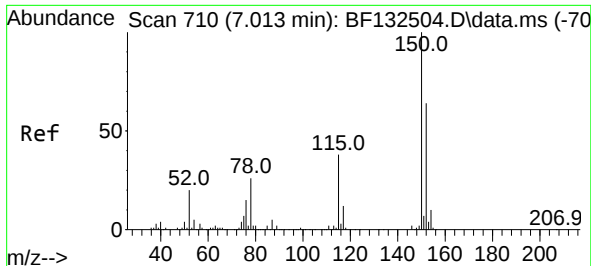
Quant Time: Mar 09 04:31:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	225795	48.387	ng	# 95
46) 1,1'-Biphenyl	9.457	154	709253	51.966	ng	99
47) 2-Chloronaphthalene	9.486	162	564256	52.145	ng	99
48) 2-Nitroaniline	9.580	65	165980	41.647	ng	99
49) Acenaphthylene	9.904	152	708948	41.166	ng	95
50) Dimethylphthalate	9.751	163	640806	48.806	ng	98
51) 2,6-Dinitrotoluene	9.822	165	75458	25.236	ng	# 83
52) Acenaphthene	10.080	154	408670	37.370	ng	99
53) 3-Nitroaniline	9.992	138	55871	16.704	ng	# 80
54) 2,4-Dinitrophenol	10.110	184	3611	3.717	ng	# 12
55) Dibenzofuran	10.257	168	627744	39.376	ng	98
56) 4-Nitrophenol	10.175	139	133235	53.412	ng	# 28
57) 2,4-Dinitrotoluene	10.227	165	57629	14.487	ng	# 87
58) Fluorene	10.604	166	464325	38.077	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.380	232	133598	38.541	ng	# 93
60) Diethylphthalate	10.463	149	486330	37.926	ng	# 91
61) 4-Chlorophenyl-phenyle...	10.592	204	256276	40.511	ng	95
62) 4-Nitroaniline	10.616	138	40087	12.209	ng	# 56
63) Azobenzene	10.757	77	370049	27.248	ng	91
65) 4,6-Dinitro-2-methylph...	10.704	198	825	0.557	ng	# 1
66) n-Nitrosodiphenylamine	10.710	169	389828	57.127	ng	98
67) 4-Bromophenyl-phenylether	11.098	248	161232	65.120	ng	93
68) Hexachlorobenzene	11.180	284	182432	70.025	ng	# 86
69) Atrazine	11.263	200	25219	11.838	ng	# 1
70) Pentachlorophenol	11.386	266	159417	102.848	ng	98
71) Phenanthrene	11.610	178	517257	45.617	ng	# 86
72) Anthracene	11.663	178	542178	46.432	ng	# 84
73) Carbazole	11.816	167	431432	40.980	ng	# 83
74) Di-n-butylphthalate	12.139	149	430795	34.884	ng	# 83
75) Fluoranthene	12.839	202	464991	37.511	ng	73
77) Benzidine	12.957	184	1480	0.365	ng	# 1
78) Pyrene	13.074	202	634087	41.848	ng	# 88
80) Butylbenzylphthalate	13.663	149	160959	26.919	ng	# 90
81) Benzo(a)anthracene	14.257	228	498319	39.962	ng	# 93
82) 3,3'-Dichlorobenzidine	14.210	252	1951	0.531	ng	# 8
83) Chrysene	14.292	228	472973	40.561	ng	# 96
84) Bis(2-ethylhexyl)phtha...	14.204	149	292157	39.775	ng	# 93
85) Di-n-octyl phthalate	14.827	149	397063	36.992	ng	# 91
87) Indeno(1,2,3-cd)pyrene	17.456	276	528022	51.607	ng	# 92
88) Benzo(b)fluoranthene	15.362	252	464664	44.405	ng	# 80
89) Benzo(k)fluoranthene	15.392	252	444553	43.408	ng	# 81
90) Benzo(a)pyrene	15.768	252	391402	39.965	ng	# 76
91) Dibenzo(a,h)anthracene	17.468	278	445227	53.408	ng	97
92) Benzo(g,h,i)perylene	17.951	276	421130	44.812	ng	97

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

Quant Time: Mar 09 04:31:01 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

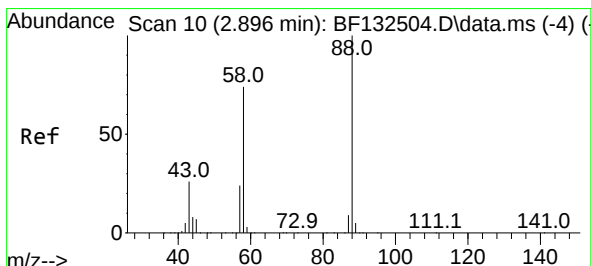
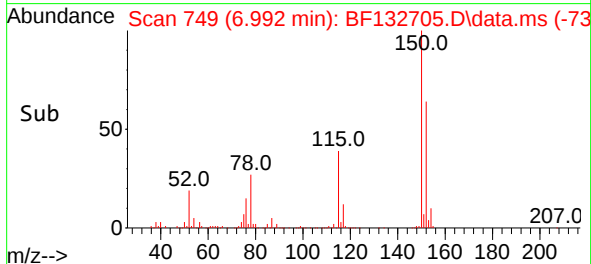
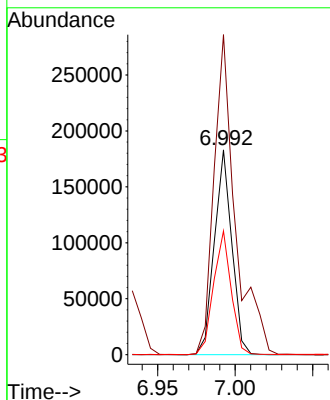
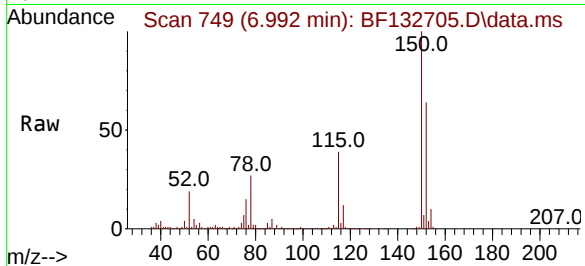




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.992 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

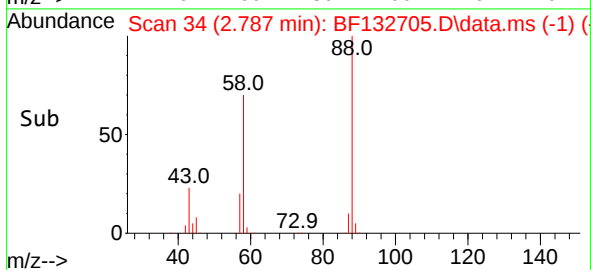
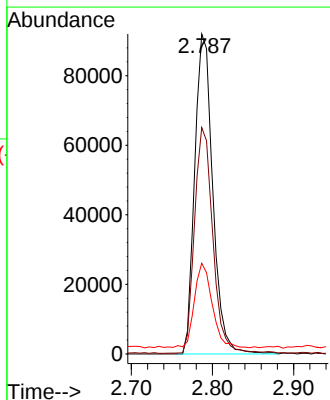
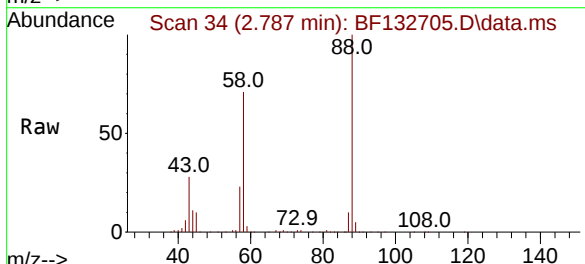
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

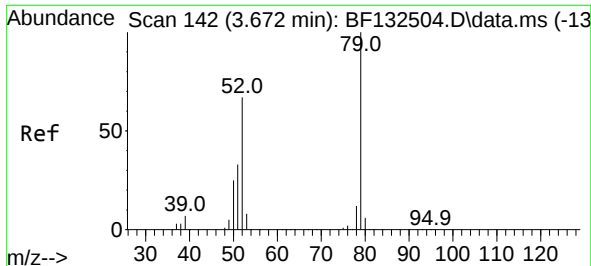
Tgt Ion:152 Resp: 143477
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.2
115 60.3 47.8 71.6



#2
1,4-Dioxane
Concen: 29.148 ng
RT: 2.787 min Scan# 34
Delta R.T. -0.053 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion: 88 Resp: 142538
Ion Ratio Lower Upper
88 100
58 71.4 58.3 87.5
43 25.8 20.7 31.1

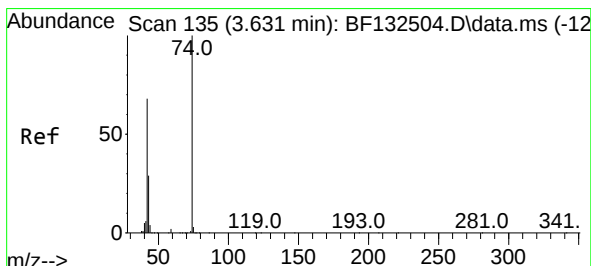
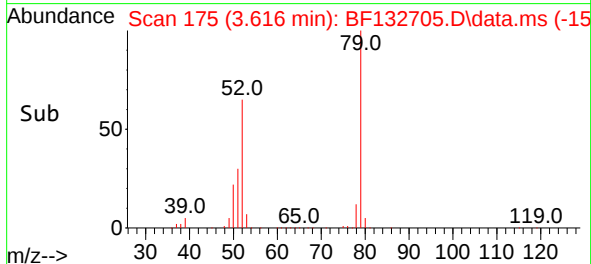
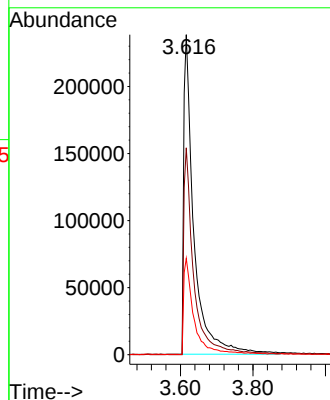
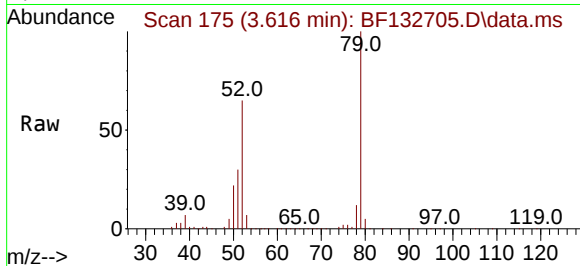




#3
Pyridine
Concen: 35.797 ng
RT: 3.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

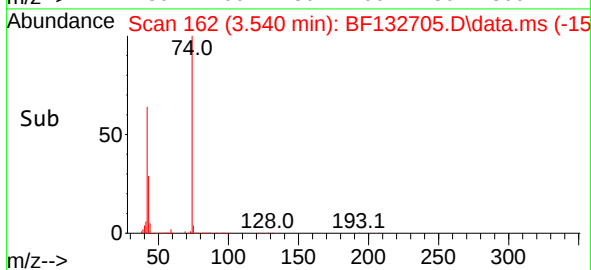
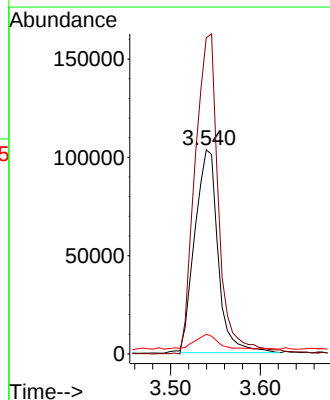
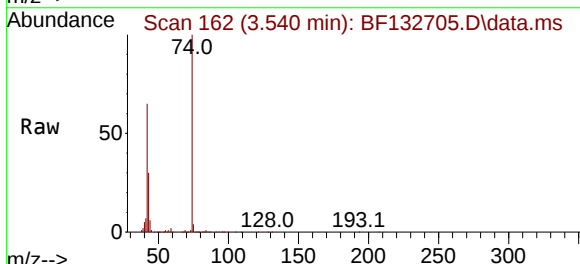
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

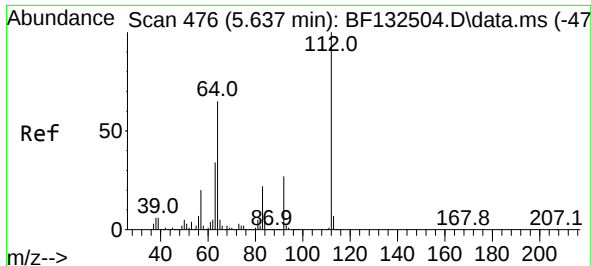
Tgt Ion: 79 Resp: 464659
Ion Ratio Lower Upper
79 100
52 64.7 53.7 80.5
51 30.1 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 37.823 ng
RT: 3.540 min Scan# 162
Delta R.T. -0.053 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion: 42 Resp: 185447
Ion Ratio Lower Upper
42 100
74 154.9 118.2 177.2
44 9.7 5.3 7.9

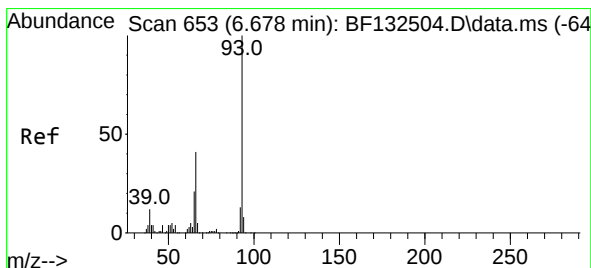
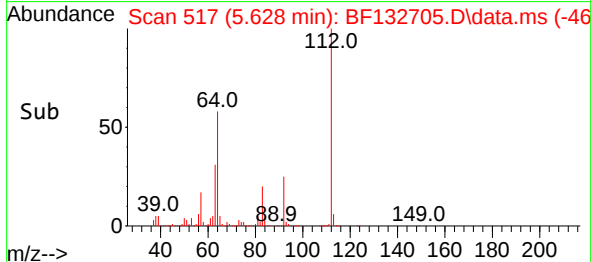
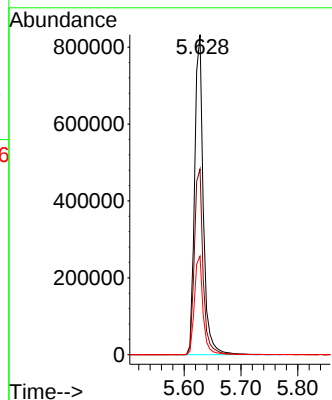
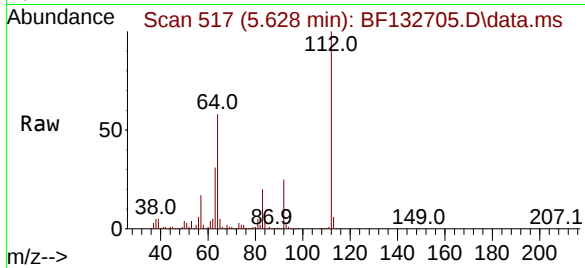




#5
2-Fluorophenol
Concen: 100.250 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

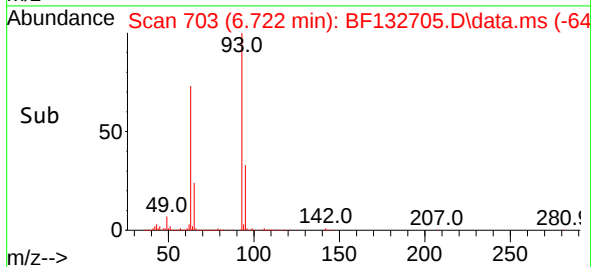
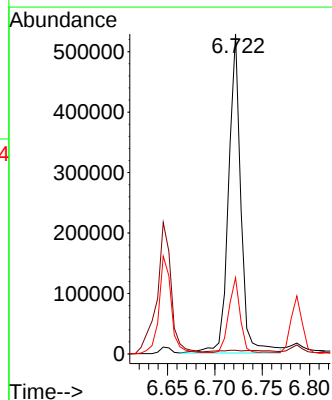
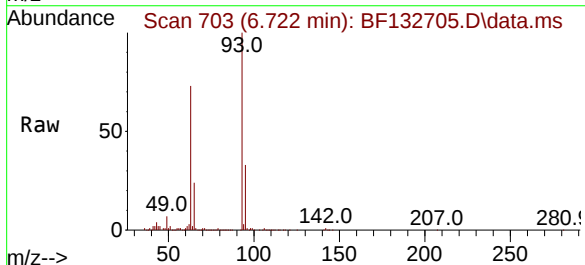
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

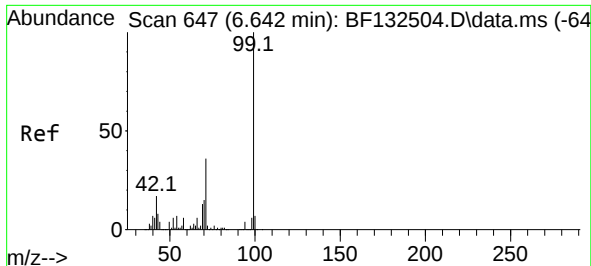
Tgt Ion:112 Resp: 886246
Ion Ratio Lower Upper
112 100
64 58.0 51.6 77.4
63 30.8 27.4 41.2



#6
Aniline
Concen: 30.984 ng
RT: 6.722 min Scan# 703
Delta R.T. 0.065 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion: 93 Resp: 481077
Ion Ratio Lower Upper
93 100
66 1.1 32.5 48.7#
65 23.8 16.6 24.8

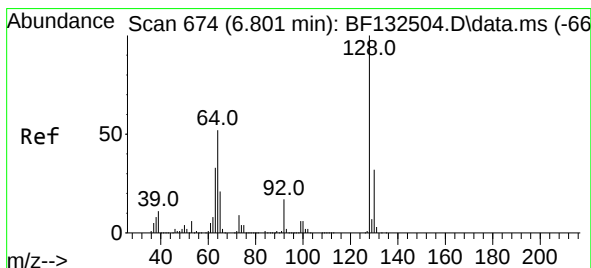
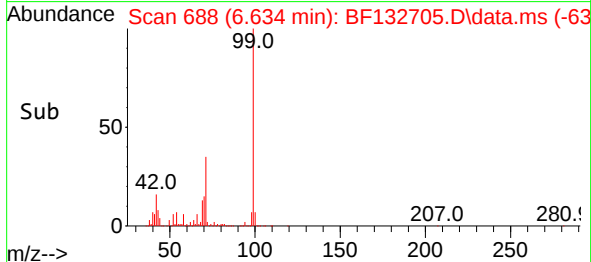
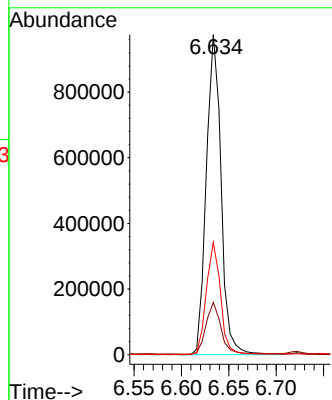
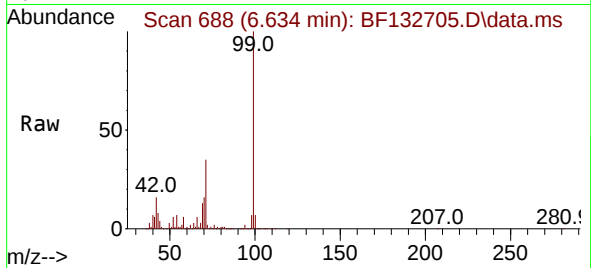




#7
Phenol-d6
Concen: 91.175 ng
RT: 6.634 min Scan# 61
Delta R.T. 0.012 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

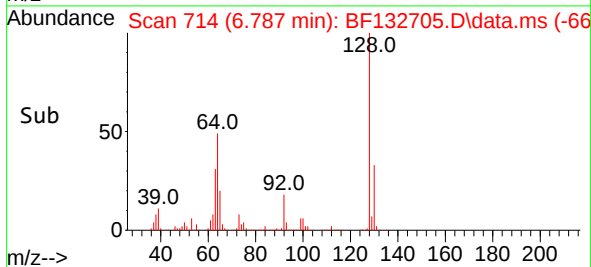
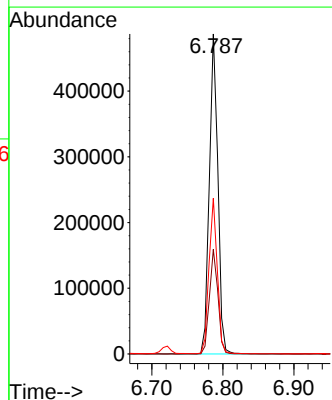
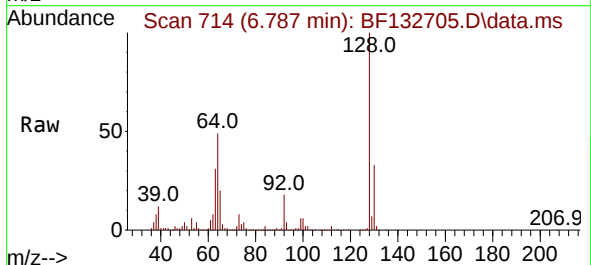
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

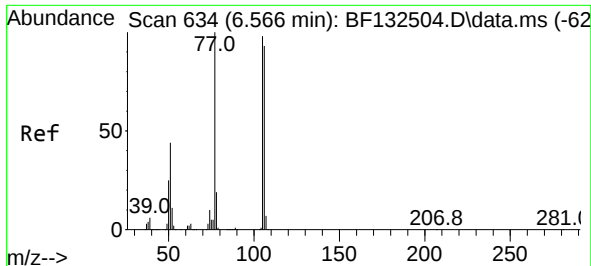
Tgt Ion: 99 Resp: 1051933
Ion Ratio Lower Upper
99 100
42 16.3 13.9 20.9
71 35.1 28.5 42.7



#8
2-Chlorophenol
Concen: 44.413 ng
RT: 6.787 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion: 128 Resp: 407501
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 48.7 32.0 72.0

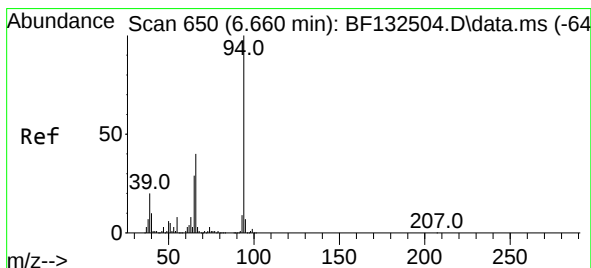
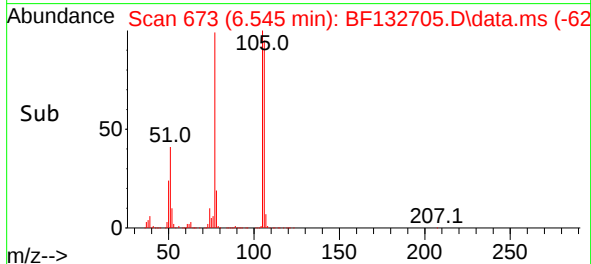
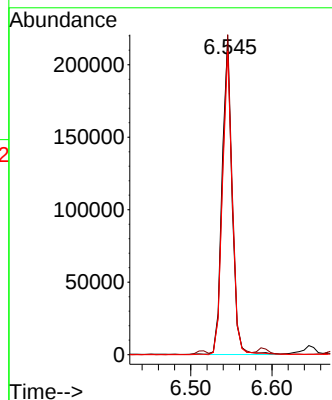
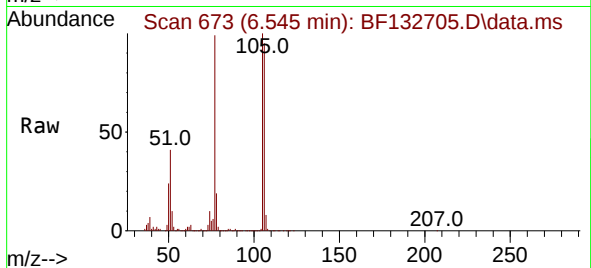




#9
Benzaldehyde
Concen: 29.837 ng
RT: 6.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

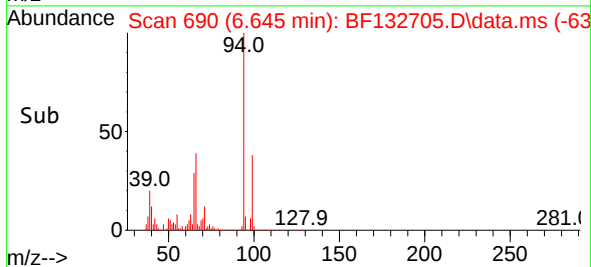
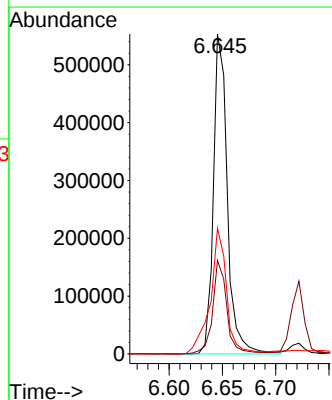
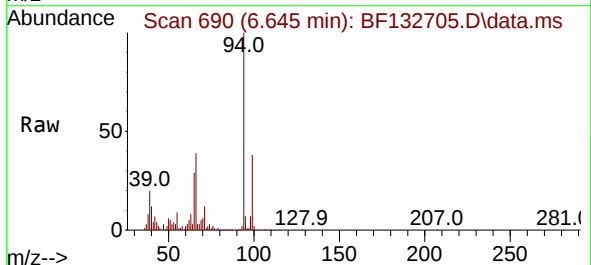
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

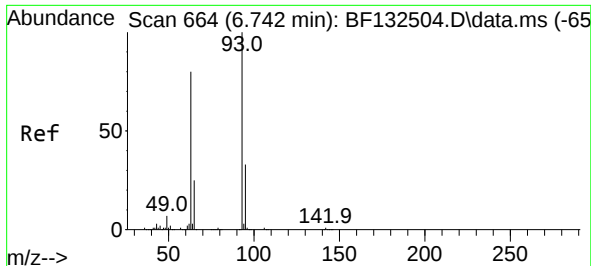
Tgt Ion: 77 Resp: 185754
Ion Ratio Lower Upper
77 100
105 101.3 77.9 117.9
106 96.1 73.4 113.4



#10
Phenol
Concen: 38.079 ng
RT: 6.645 min Scan# 690
Delta R.T. 0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion: 94 Resp: 503692
Ion Ratio Lower Upper
94 100
65 29.3 9.4 49.4
66 39.3 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 47.112 ng

RT: 6.722 min Scan# 703

Delta R.T. -0.006 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

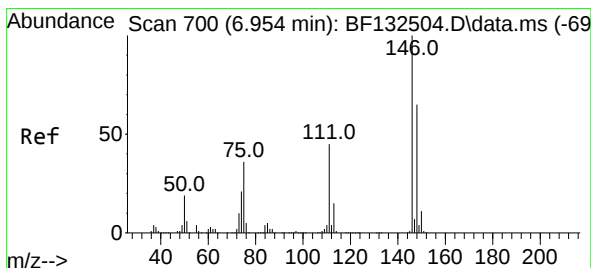
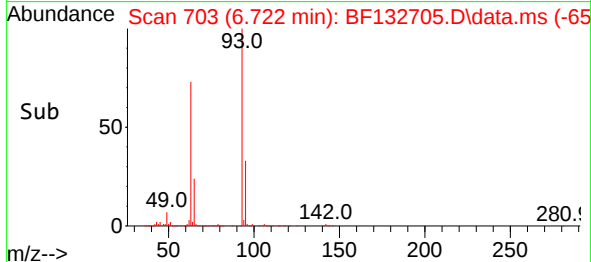
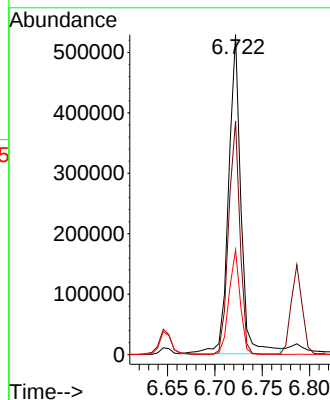
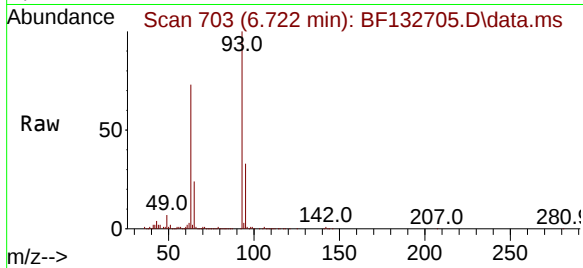
Tgt Ion: 93 Resp: 481077

Ion Ratio Lower Upper

93 100

63 73.1 59.6 99.6

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.303 ng

RT: 6.934 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

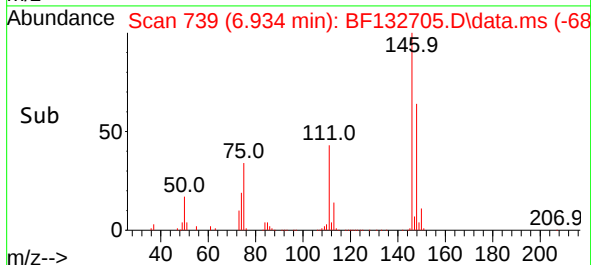
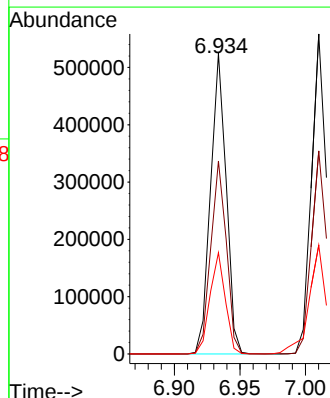
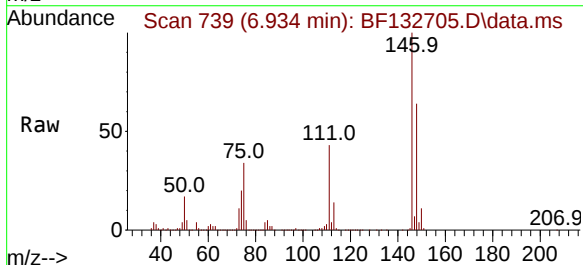
Tgt Ion:146 Resp: 436212

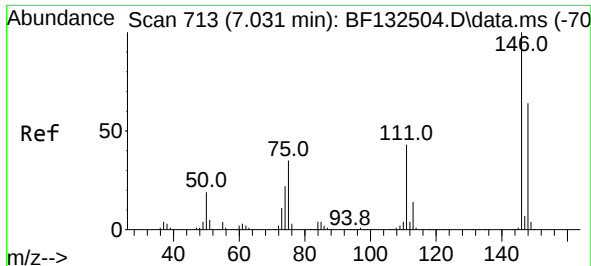
Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

75 33.7 28.9 43.3

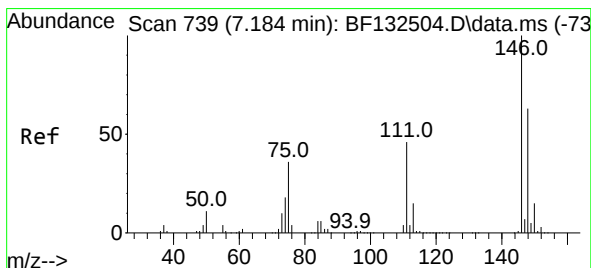
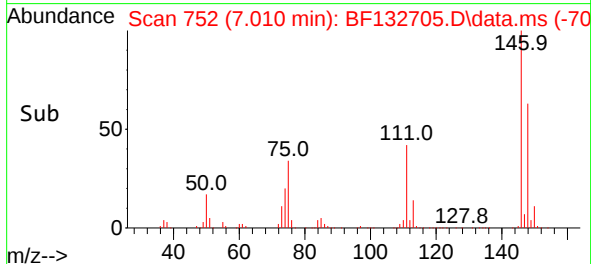
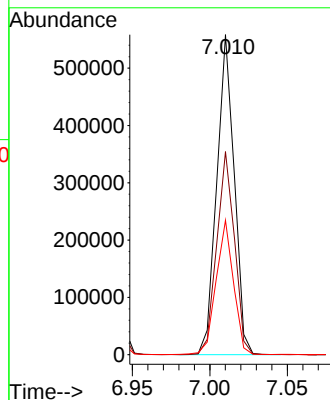
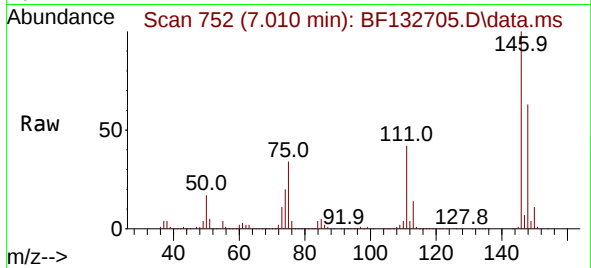




#13
1,4-Dichlorobenzene
Concen: 44.461 ng
RT: 7.010 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

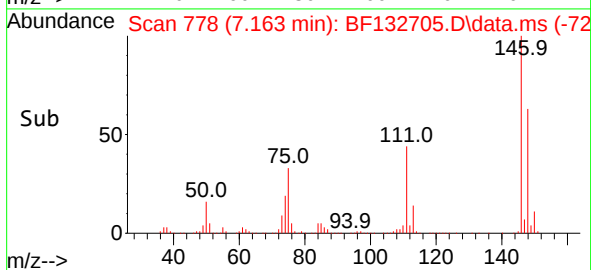
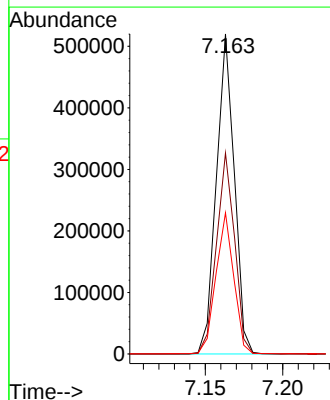
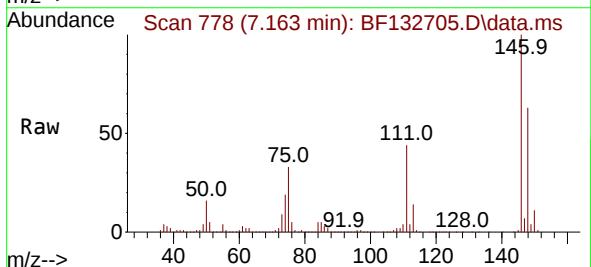
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

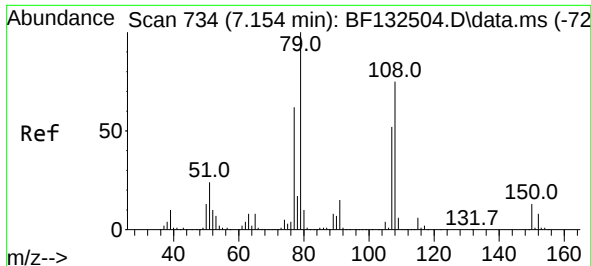
Tgt Ion:146 Resp: 437119
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 42.0 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 44.414 ng
RT: 7.163 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:146 Resp: 419065
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
111 44.1 37.2 55.8

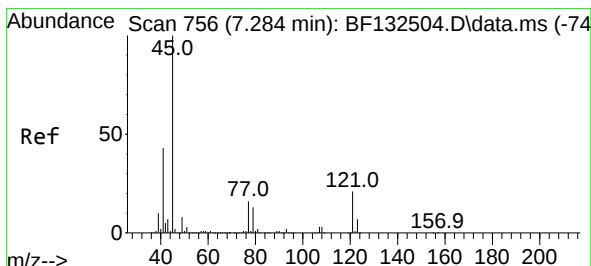
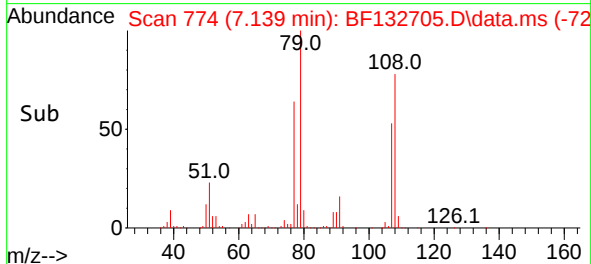
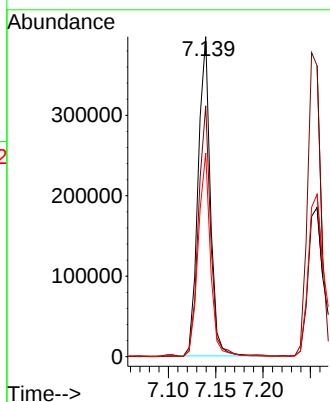
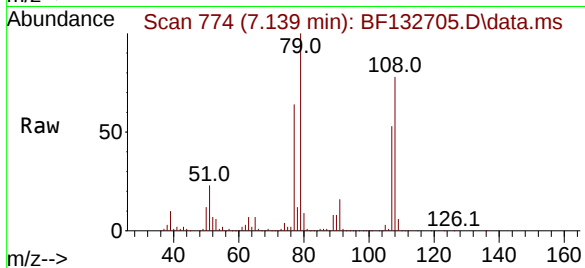




#15
Benzyl Alcohol
Concen: 40.047 ng
RT: 7.139 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

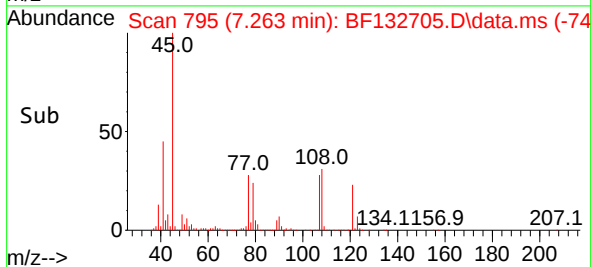
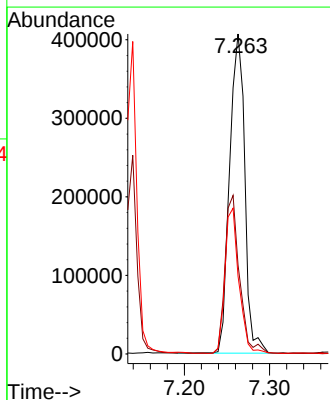
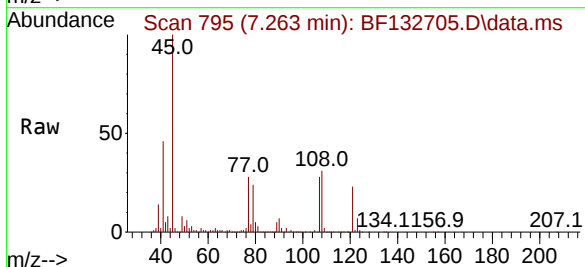
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

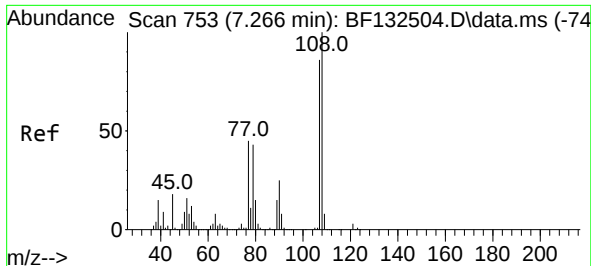
Tgt Ion: 79 Resp: 355838
Ion Ratio Lower Upper
79 100
108 78.4 60.2 90.4
77 63.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.782 ng
RT: 7.263 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

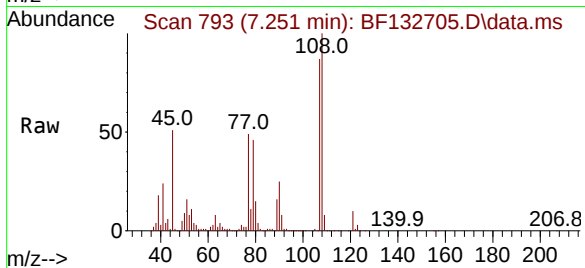
Tgt Ion: 45 Resp: 504998
Ion Ratio Lower Upper
45 100
77 27.8 0.0 36.4
79 24.3 0.0 33.4



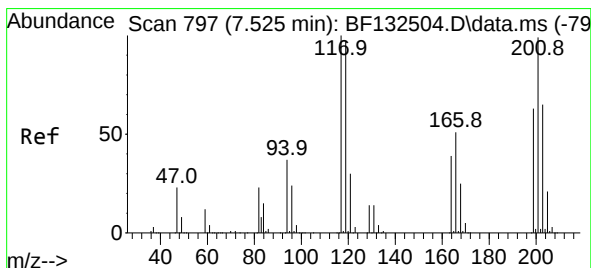
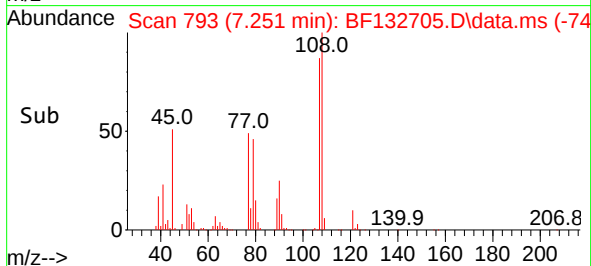
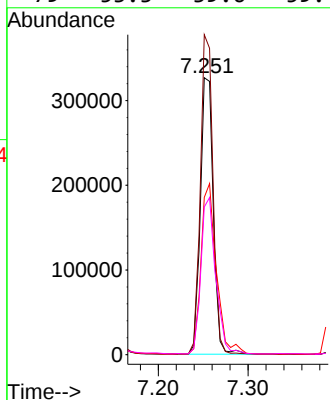


#17
2-Methylphenol
Concen: 38.093 ng
RT: 7.251 min Scan# 79
Delta R.T. 0.012 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

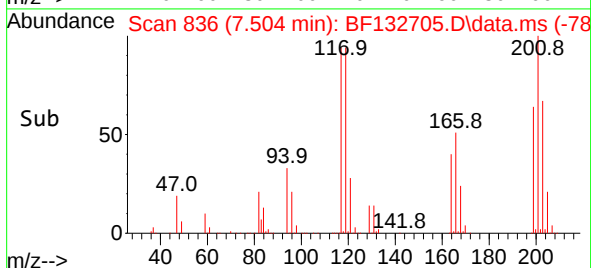
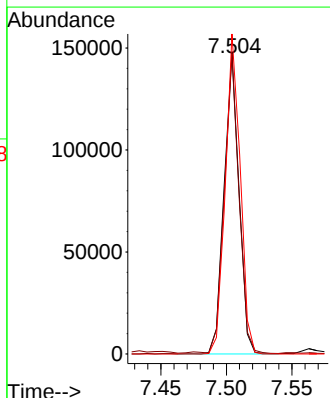
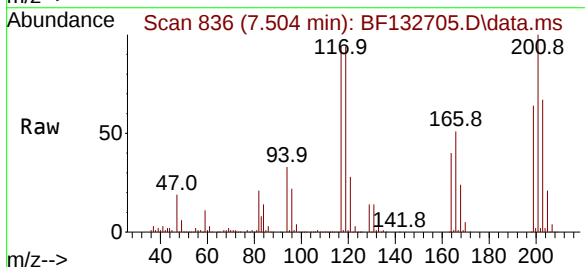


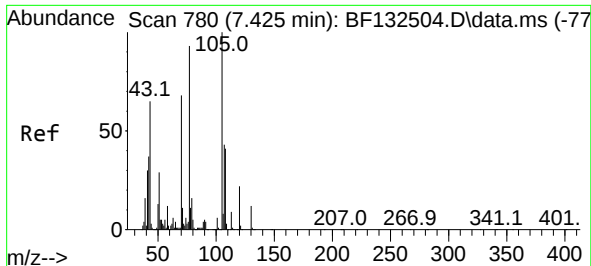
Tgt Ion:	107	Resp:	326193
Ion	Ratio	Lower	Upper
107	100		
108	115.6	93.0	139.4
77	56.8	42.1	63.1
79	53.3	39.6	59.4



#18
Hexachloroethane
Concen: 30.241 ng
RT: 7.504 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:	117	Resp:	116156
Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.0	117.0
201	106.1	79.0	118.4



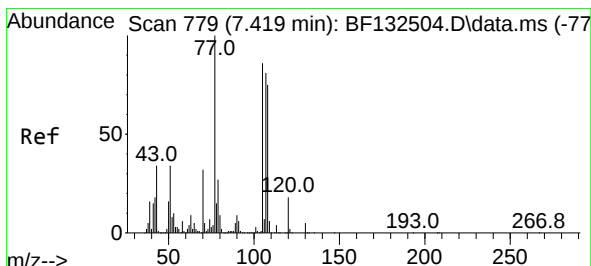
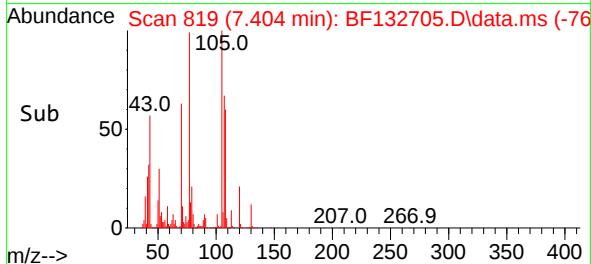
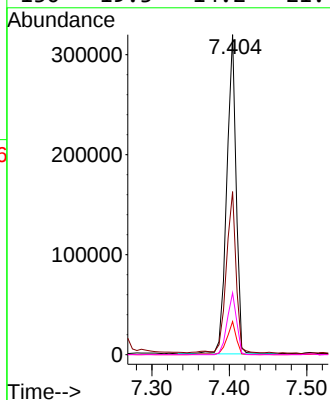
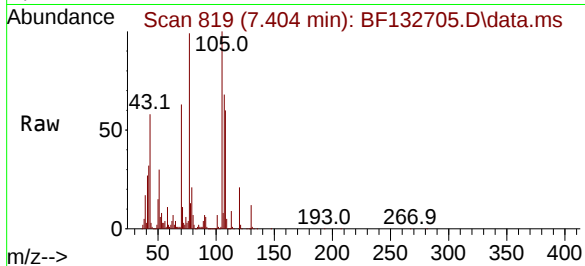


#19
n-Nitroso-di-n-propylamine
Concen: 38.216 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

Tgt Ion: 70 Resp: 271358

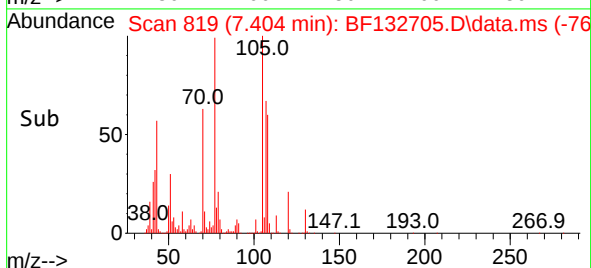
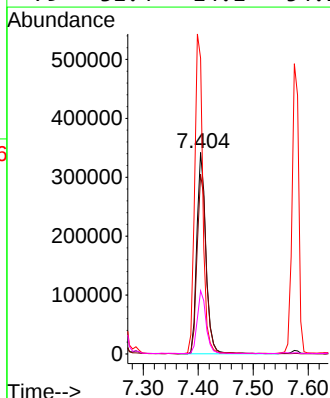
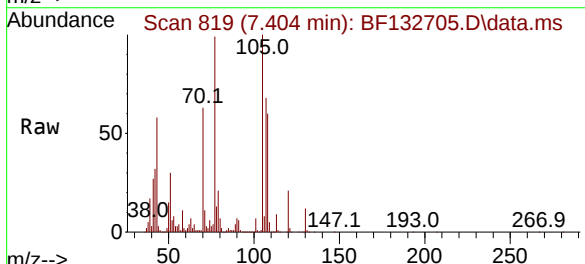
Ion	Ratio	Lower	Upper
70	100		
42	51.0	44.1	66.1
101	10.3	7.4	11.2
130	19.3	14.2	21.4

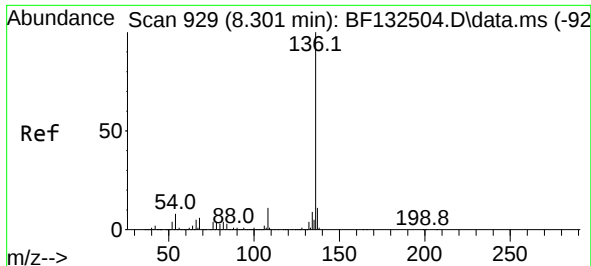


#20
3+4-Methylphenols
Concen: 35.426 ng
RT: 7.404 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion: 107 Resp: 391915

Ion	Ratio	Lower	Upper
107	100		
108	89.3	72.6	112.6
77	146.9	104.0	144.0#
79	31.4	14.1	54.1



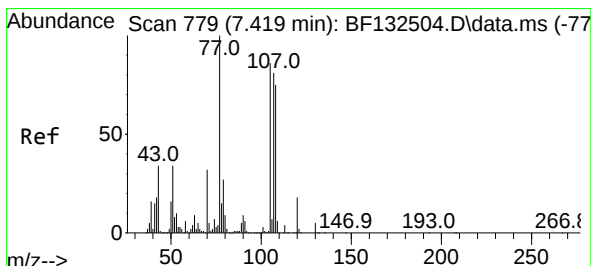
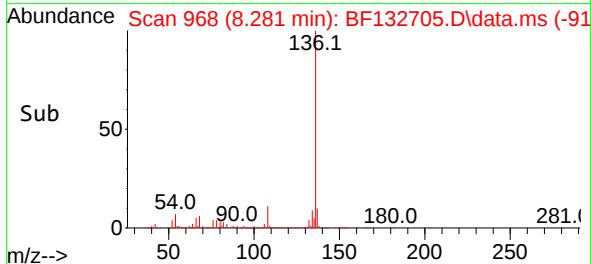
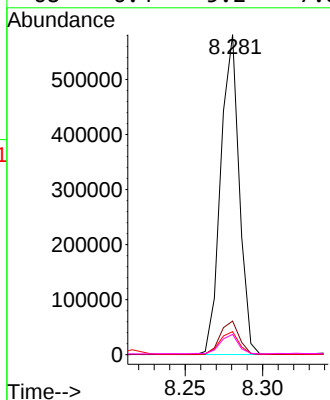
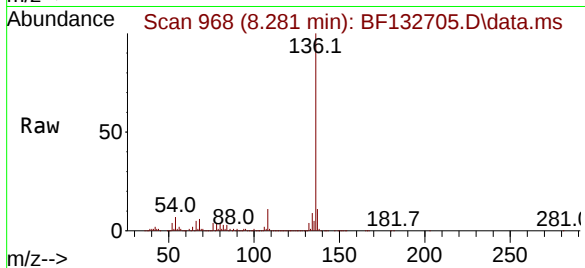


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

Tgt Ion:136 Resp: 482437

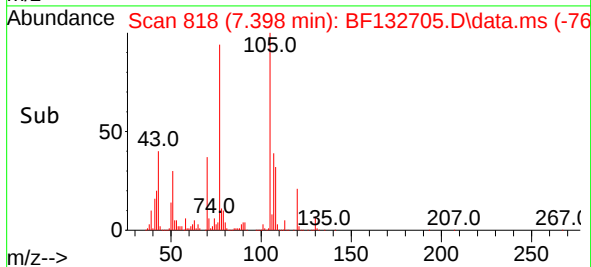
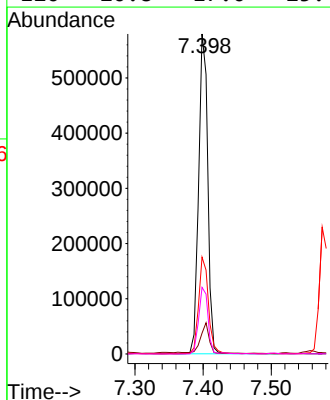
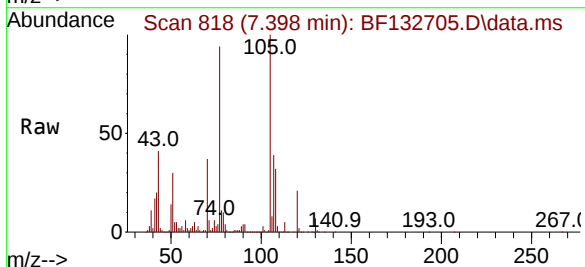
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.2	6.2	9.4
68	6.4	5.2	7.8

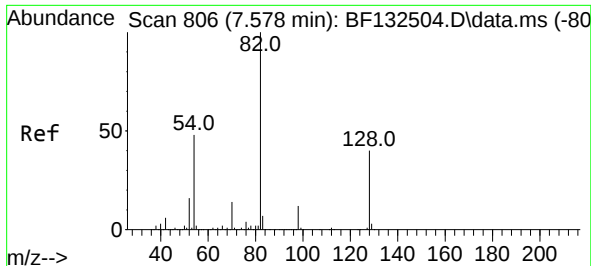


#22
Acetophenone
Concen: 44.393 ng
RT: 7.398 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:105 Resp: 540037

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.0	7.4
51	30.2	31.5	47.3
120	20.8	17.0	25.4





#23

Nitrobenzene-d5

Concen: 64.963 ng

RT: 7.557 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

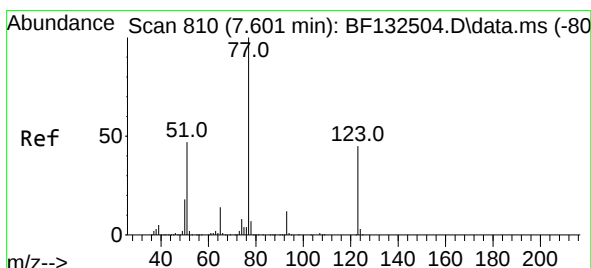
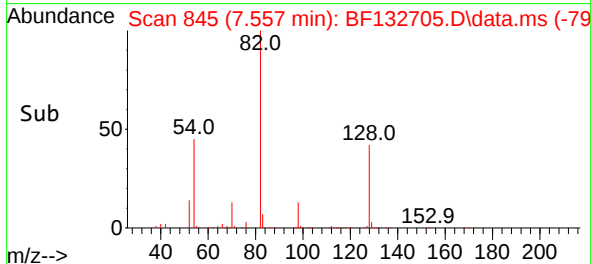
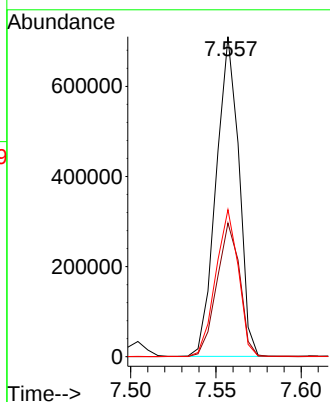
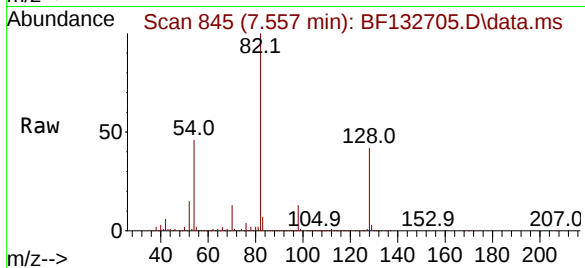
Tgt Ion: 82 Resp: 660575

Ion Ratio Lower Upper

82 100

128 41.8 32.2 48.2

54 46.0 38.4 57.6



#24

Nitrobenzene

Concen: 38.185 ng

RT: 7.575 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

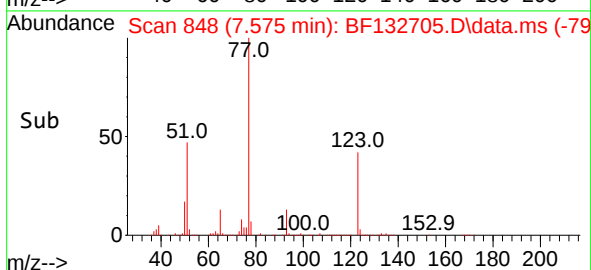
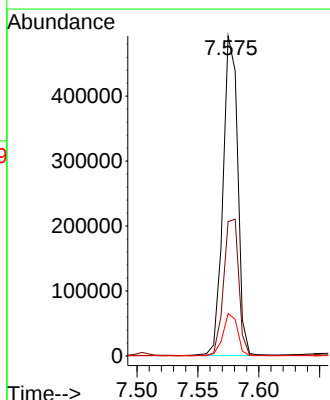
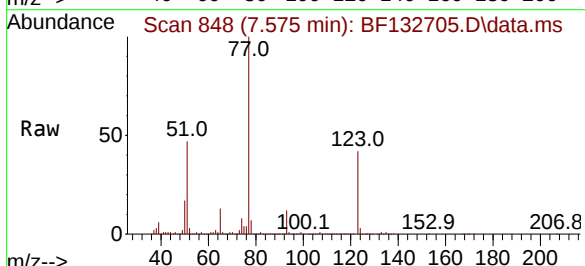
Tgt Ion: 77 Resp: 415264

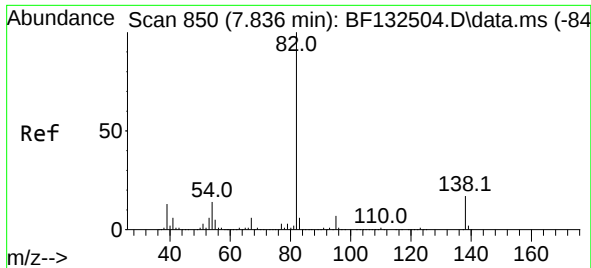
Ion Ratio Lower Upper

77 100

123 42.0 35.8 53.6

65 13.2 10.9 16.3

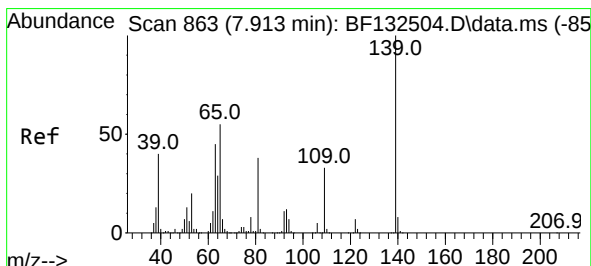
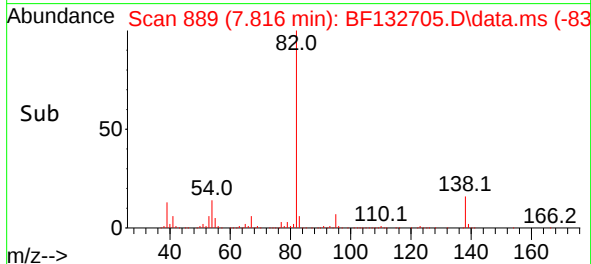
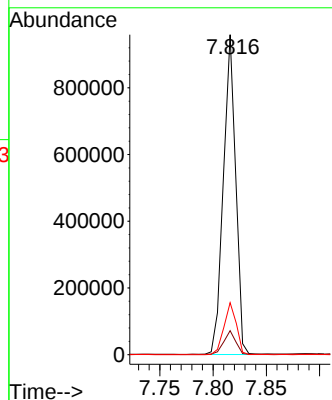
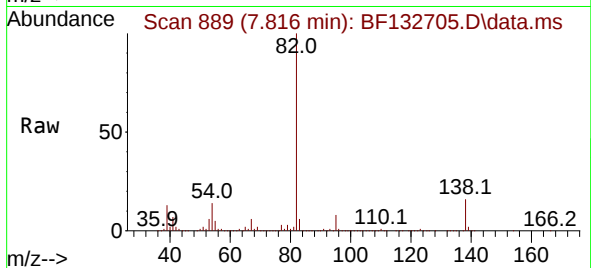




#25
Isophorone
Concen: 39.383 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

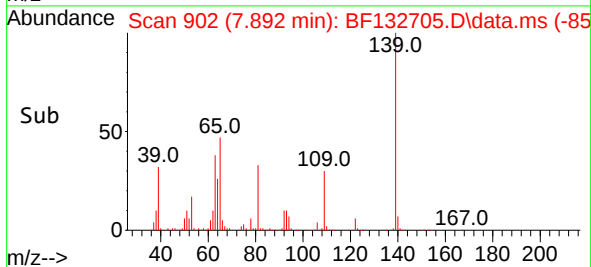
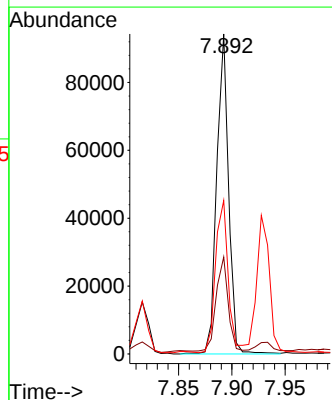
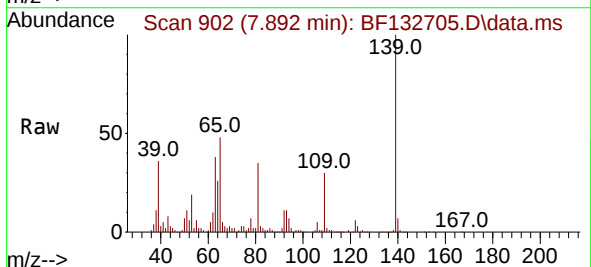
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

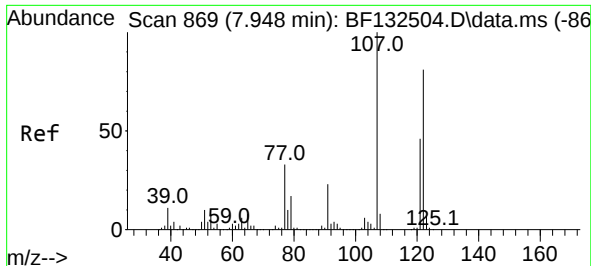
Tgt Ion: 82 Resp: 767790
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 16.2 13.3 19.9



#26
2-Nitrophenol
Concen: 15.153 ng
RT: 7.892 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:139 Resp: 72709
Ion Ratio Lower Upper
139 100
109 30.3 26.2 39.2
65 48.0 43.8 65.8

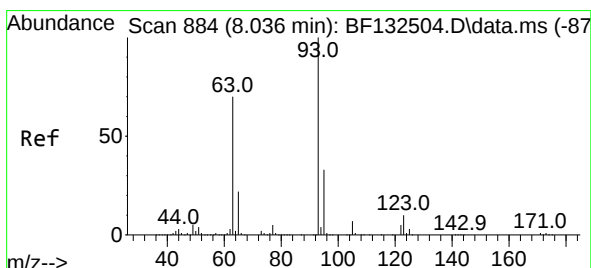
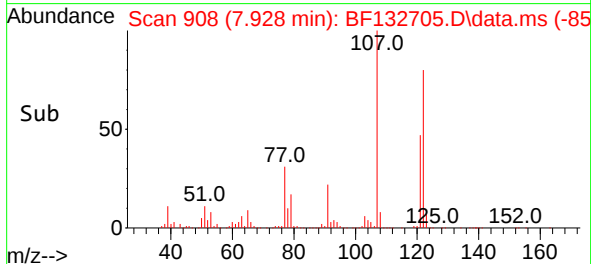
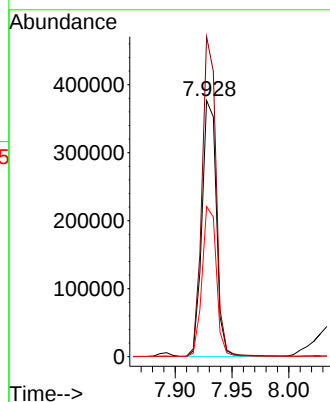
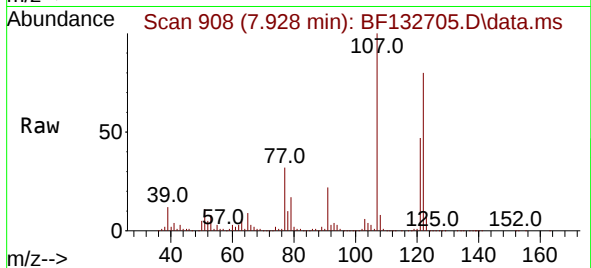




#27
2,4-Dimethylphenol
Concen: 43.646 ng
RT: 7.928 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

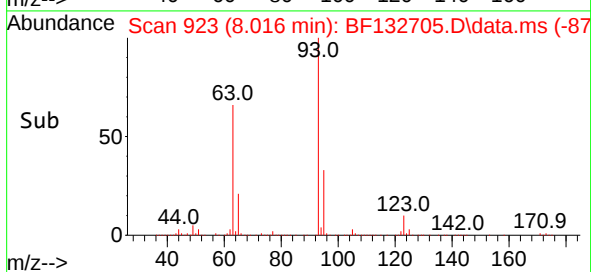
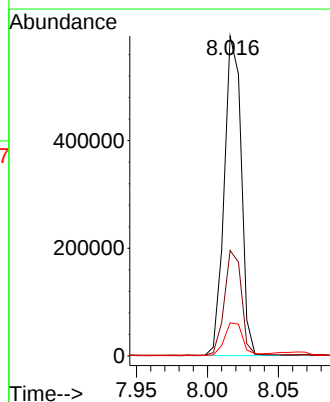
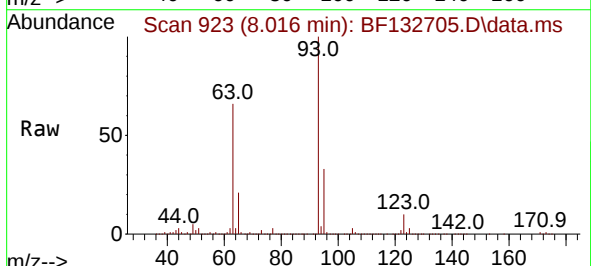
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

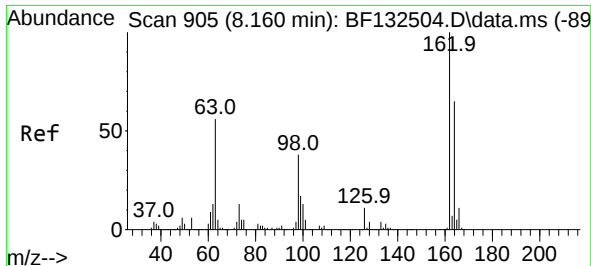
Tgt Ion:122 Resp: 330532
Ion Ratio Lower Upper
122 100
107 124.9 98.7 148.1
121 58.6 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.397 ng
RT: 8.016 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion: 93 Resp: 494923
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.4 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 42.794 ng

RT: 8.139 min Scan# 944

Delta R.T. 0.006 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

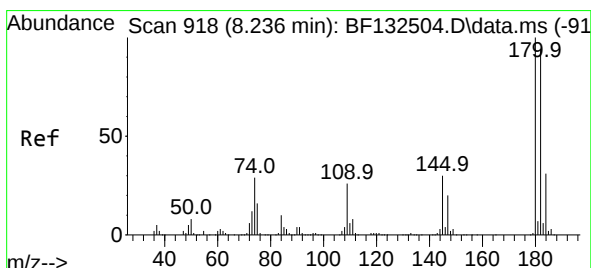
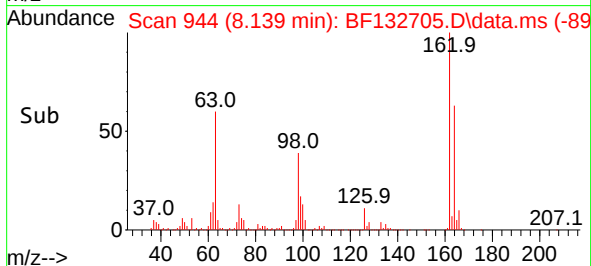
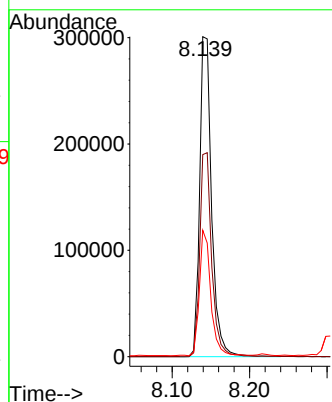
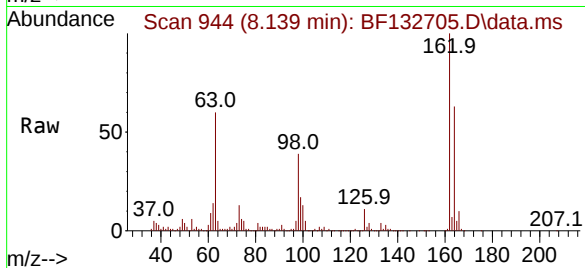
Tgt Ion:162 Resp: 322379

Ion Ratio Lower Upper

162 100

164 63.1 45.3 85.3

98 39.5 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.692 ng

RT: 8.216 min Scan# 957

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

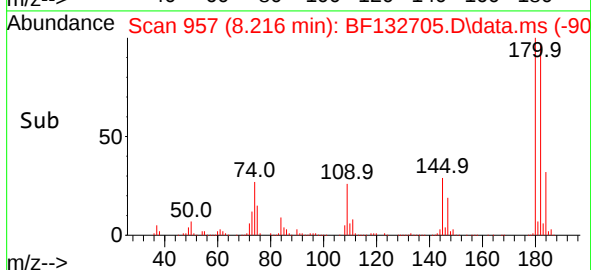
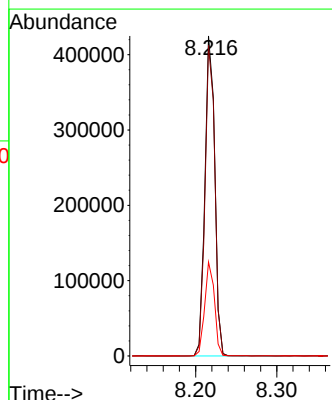
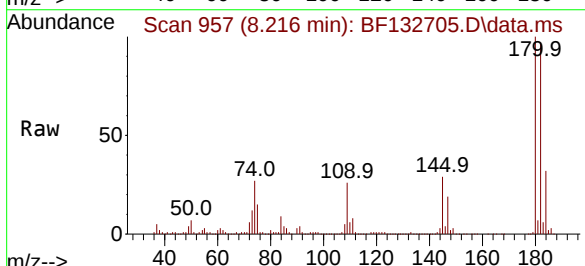
Tgt Ion:180 Resp: 357403

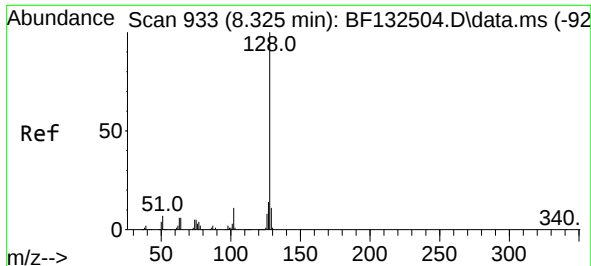
Ion Ratio Lower Upper

180 100

182 97.0 75.1 112.7

145 29.3 23.8 35.6

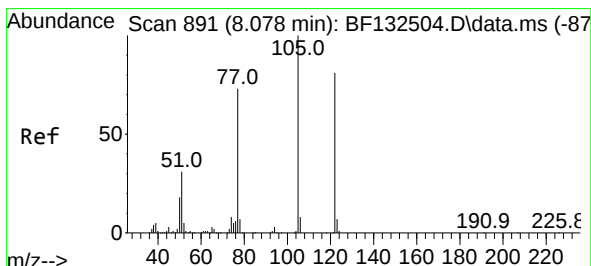
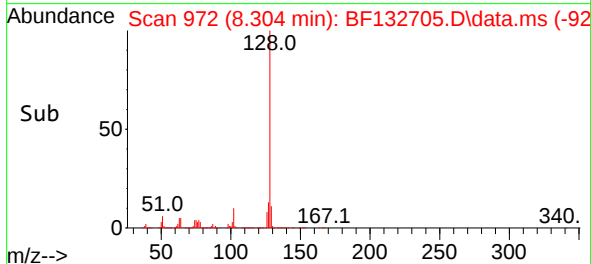
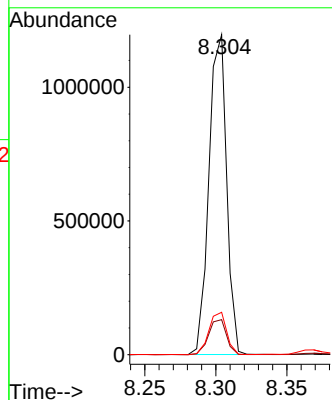
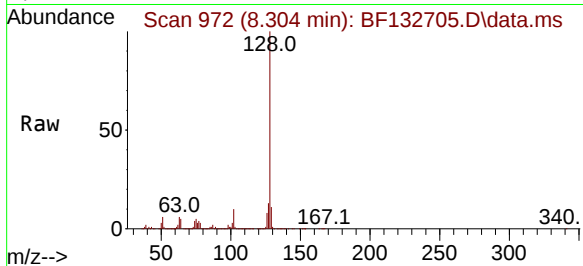




#31
Naphthalene
Concen: 41.929 ng
RT: 8.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

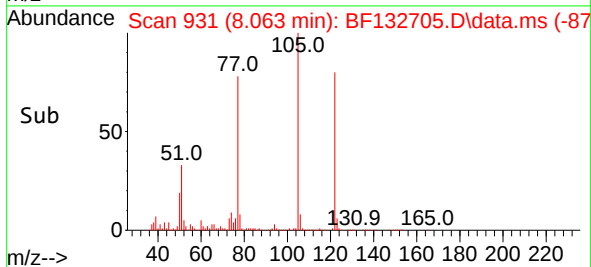
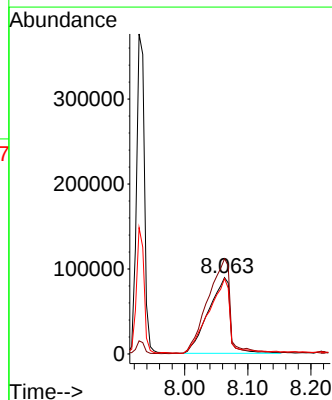
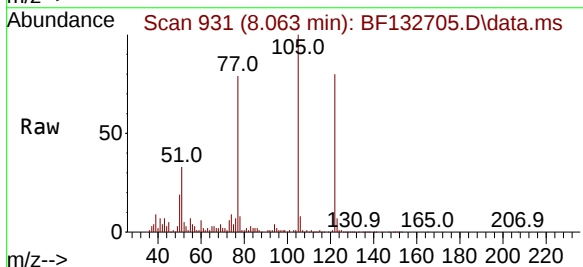
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

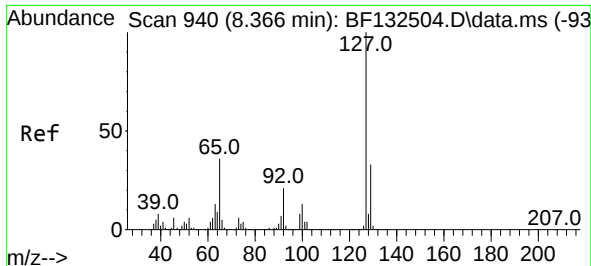
Tgt Ion:128 Resp: 1035549
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.3 11.0 16.6



#32
Benzoic acid
Concen: 36.854 ng
RT: 8.063 min Scan# 931
Delta R.T. 0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:122 Resp: 214154
Ion Ratio Lower Upper
122 100
105 124.8 102.6 142.6
77 98.7 70.2 110.2

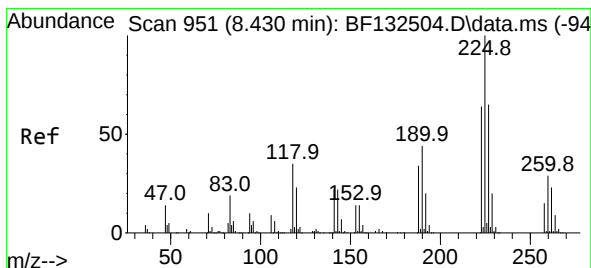
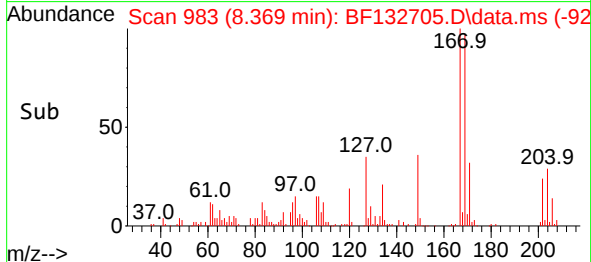
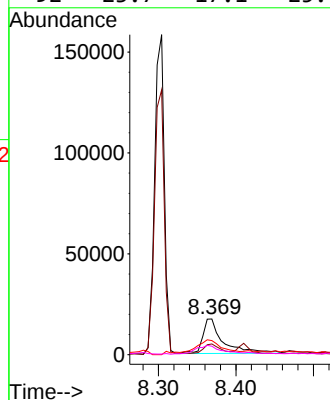
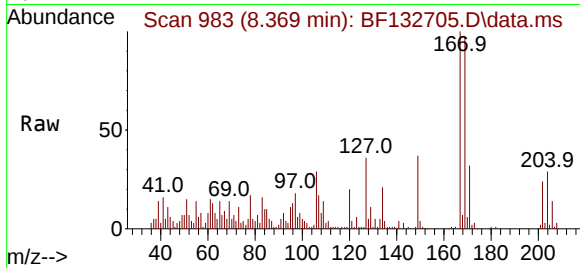




#33
4-Chloroaniline
Concen: 2.957 ng
RT: 8.369 min Scan# 91
Delta R.T. 0.023 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

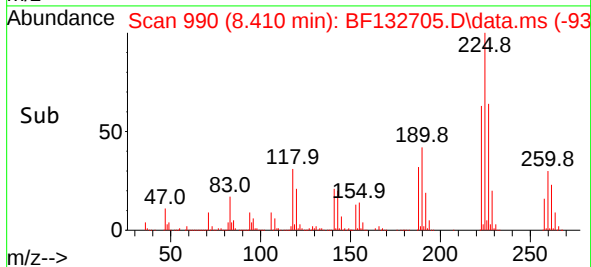
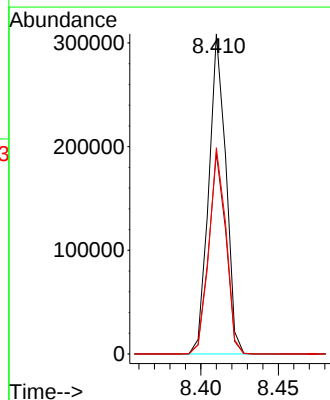
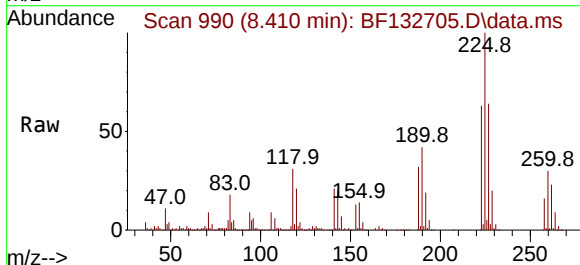
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

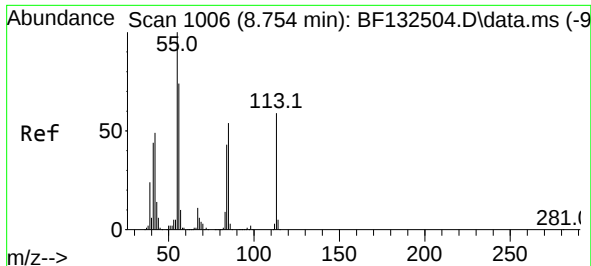
Tgt Ion:	127	Resp:	31300
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.4	39.6
65	39.4	28.8	43.2
92	23.7	17.1	25.7



#34
Hexachlorobutadiene
Concen: 45.439 ng
RT: 8.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:	225	Resp:	236193
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.4
227	64.4	51.7	77.5

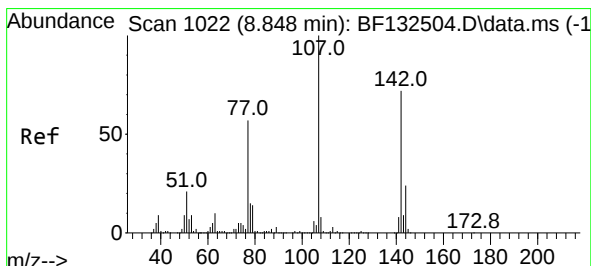
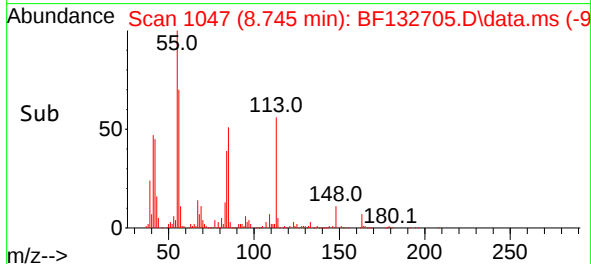
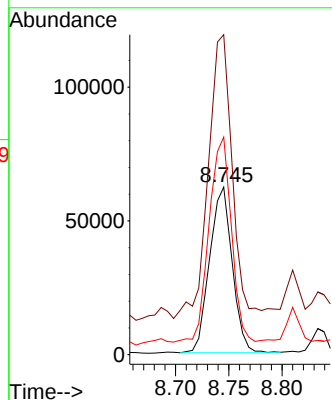
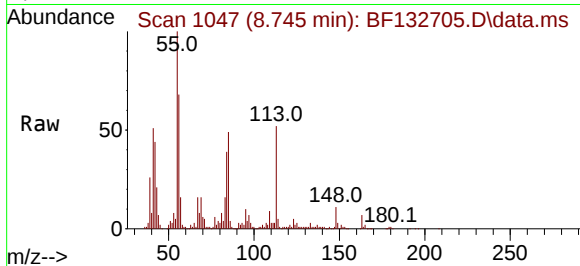




#35
Caprolactam
Concen: 36.803 ng
RT: 8.745 min Scan# 1047
Delta R.T. 0.012 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

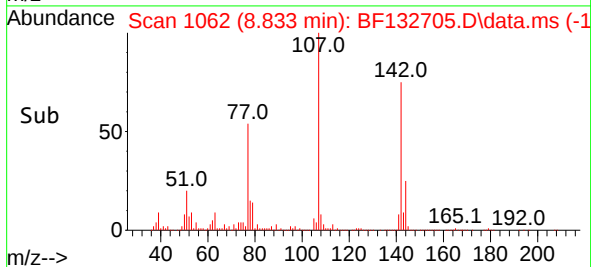
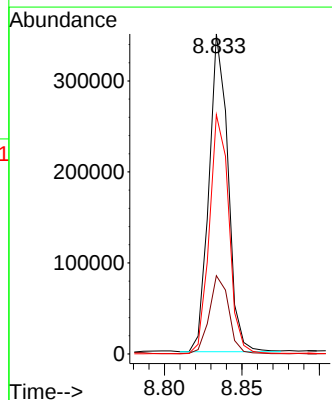
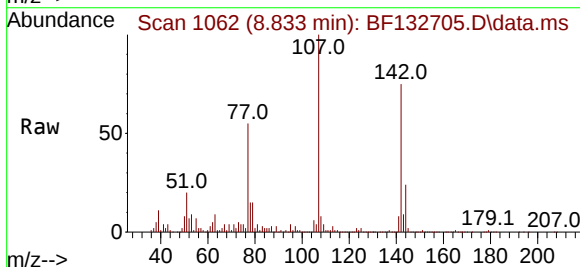
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

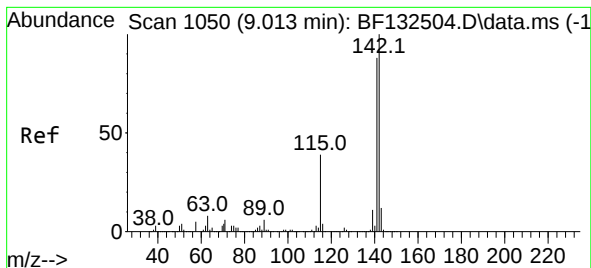
Tgt Ion:113 Resp: 91402
Ion Ratio Lower Upper
113 100
55 191.0 149.4 189.4#
56 129.9 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 36.098 ng
RT: 8.833 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:107 Resp: 298647
Ion Ratio Lower Upper
107 100
144 24.5 18.9 28.3
142 74.8 57.9 86.9





#37

2-Methylnaphthalene

Concen: 37.060 ng

RT: 8.992 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

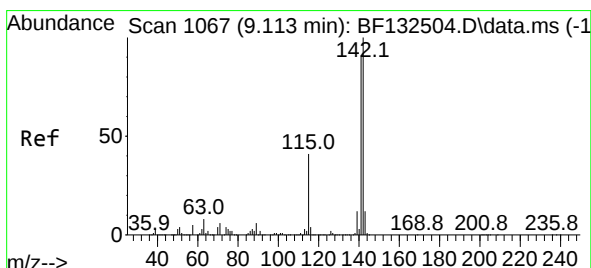
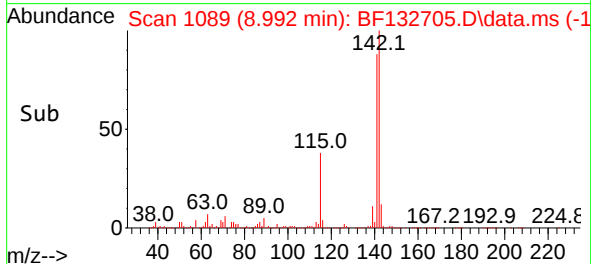
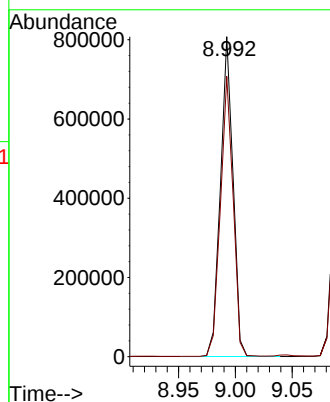
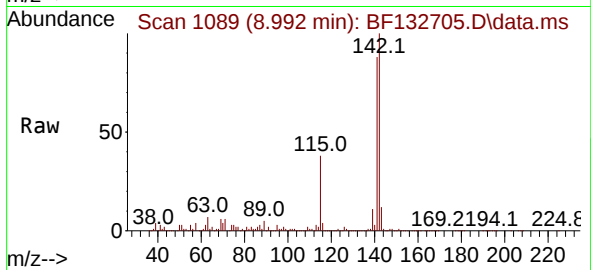
SS-10-20230306MSD

Tgt Ion:142 Resp: 623769

Ion Ratio Lower Upper

142 100

141 87.6 70.2 105.2



#38

1-Methylnaphthalene

Concen: 36.636 ng

RT: 9.092 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF132705.D

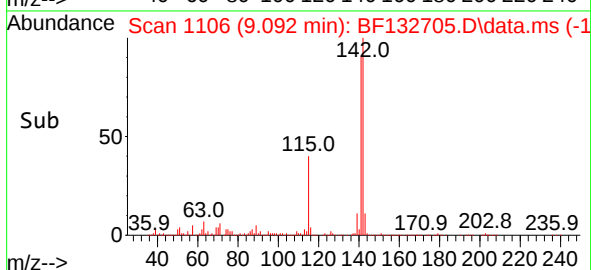
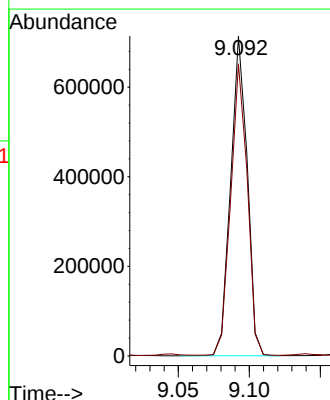
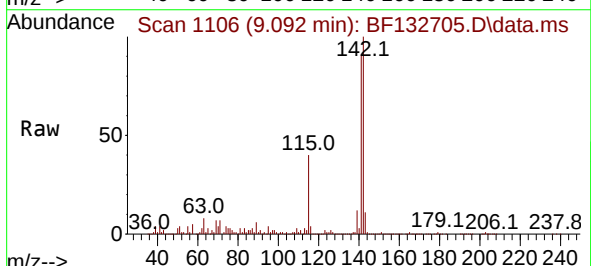
Acq: 08 Mar 2023 23:11

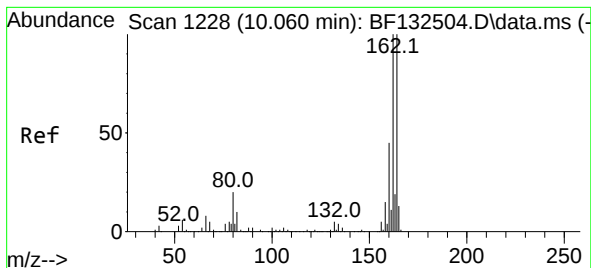
Tgt Ion:142 Resp: 576273

Ion Ratio Lower Upper

142 100

141 91.3 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: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

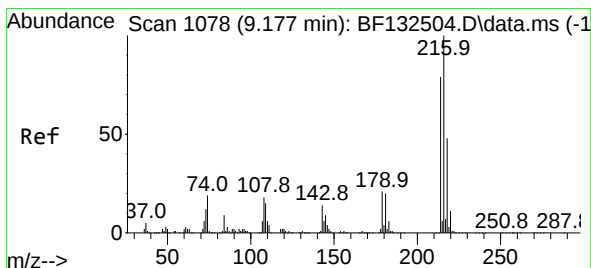
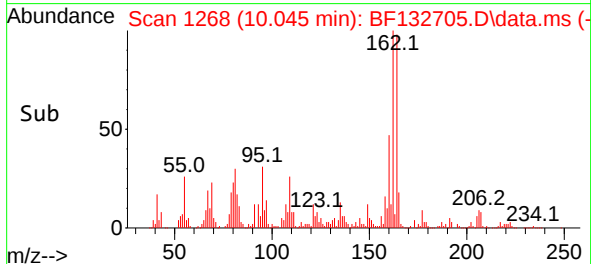
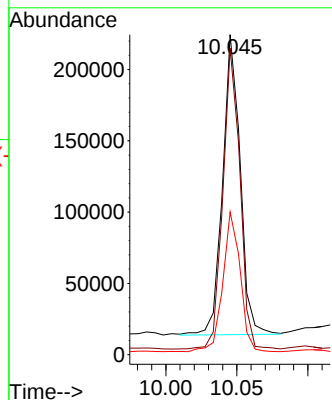
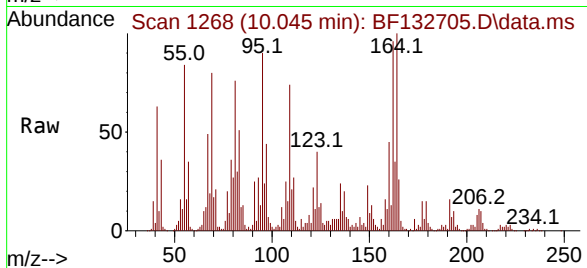
Tgt Ion:164 Resp: 180322

Ion Ratio Lower Upper

164 100

162 95.8 79.8 119.8

160 44.6 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.232 ng

RT: 9.157 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Tgt Ion:216 Resp: 343554

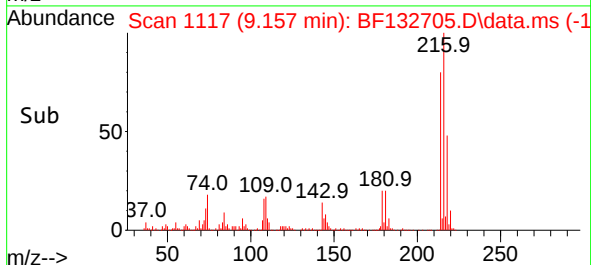
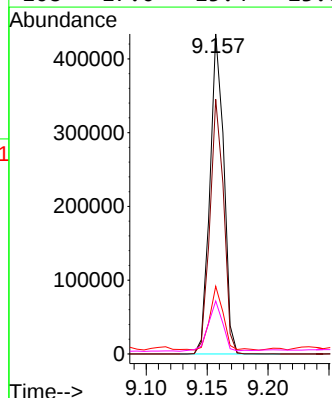
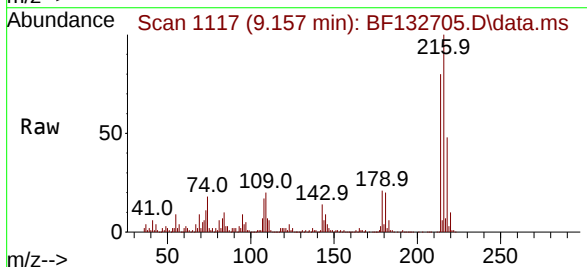
Ion Ratio Lower Upper

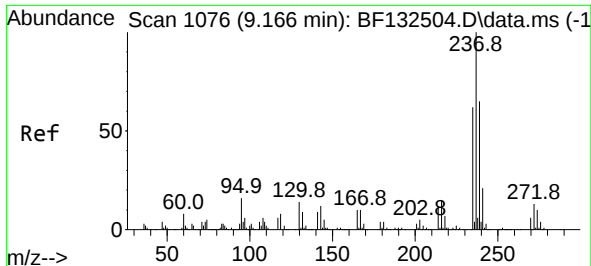
216 100

214 78.7 63.0 94.6

179 19.7 16.6 24.8

108 17.0 15.4 23.0

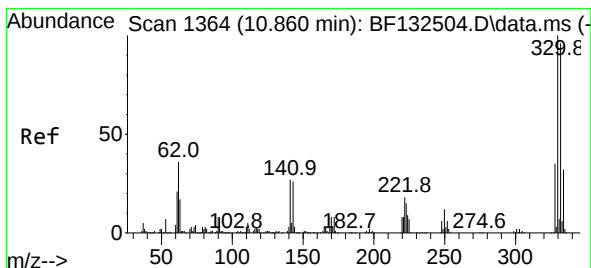
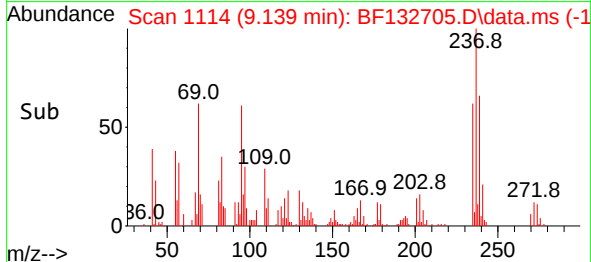
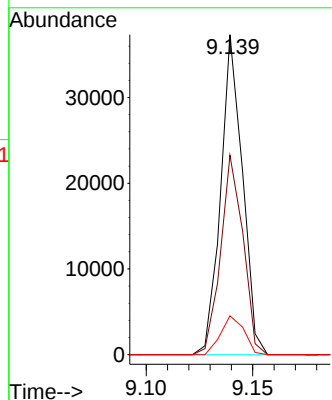
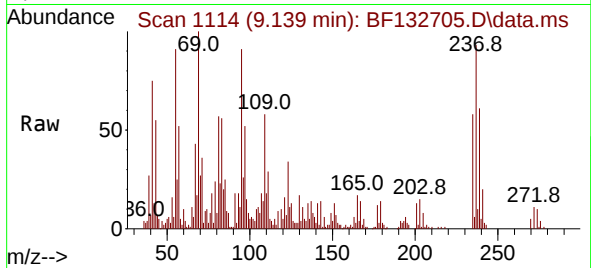




#41
Hexachlorocyclopentadiene
Concen: 8.278 ng
RT: 9.139 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

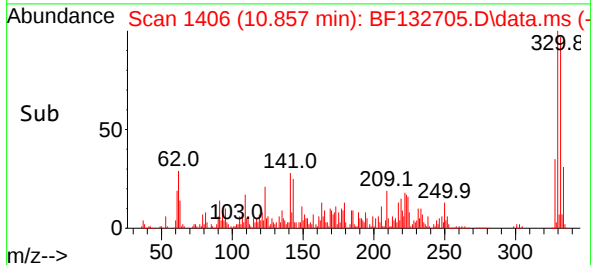
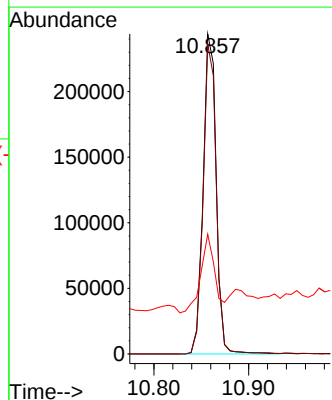
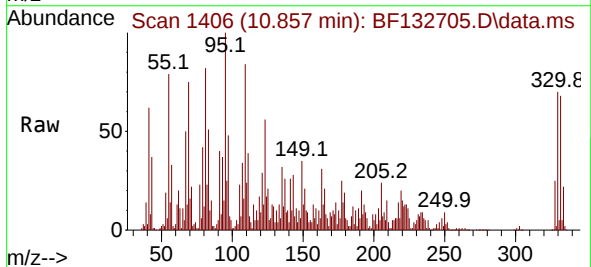
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

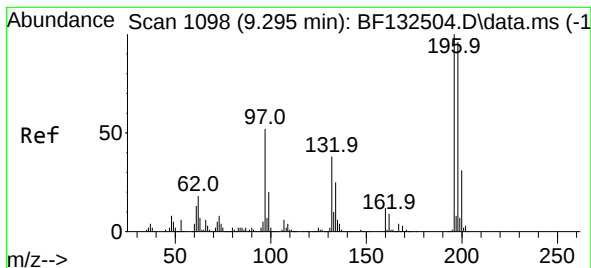
Tgt Ion:237 Resp: 26488
Ion Ratio Lower Upper
237 100
235 62.4 42.4 82.4
272 12.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 120.121 ng
RT: 10.857 min Scan# 1406
Delta R.T. 0.023 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:330 Resp: 233924
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 26.2 28.4 42.6#





#43

2,4,6-Trichlorophenol

Concen: 54.918 ng

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

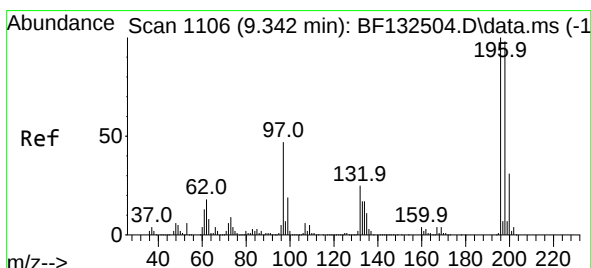
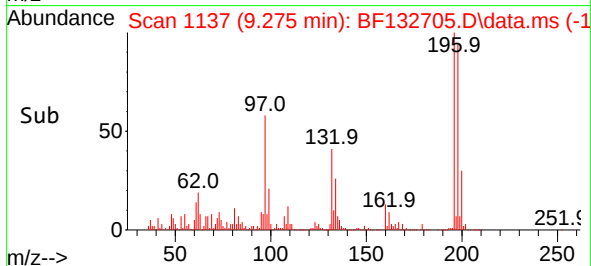
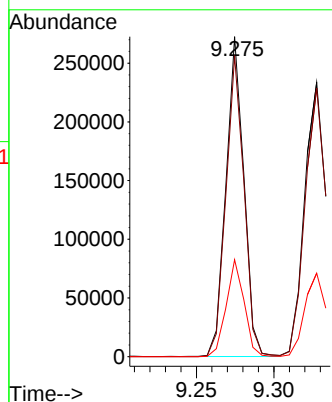
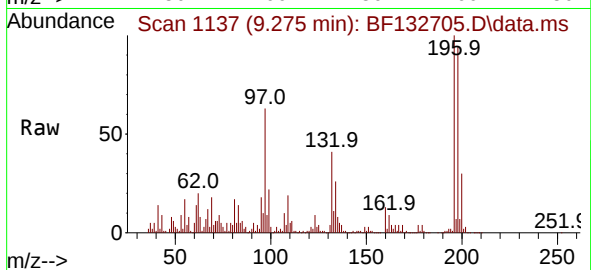
Tgt Ion:196 Resp: 219574

Ion Ratio Lower Upper

196 100

198 94.1 77.1 115.7

200 30.3 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 48.387 ng

RT: 9.328 min Scan# 1146

Delta R.T. 0.018 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Tgt Ion:196 Resp: 225795

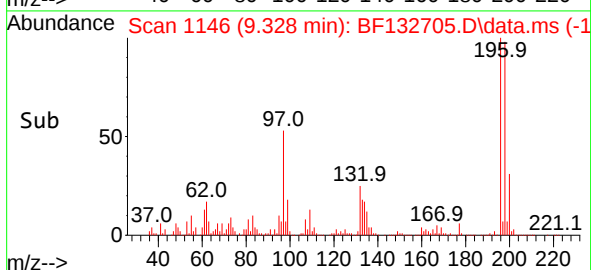
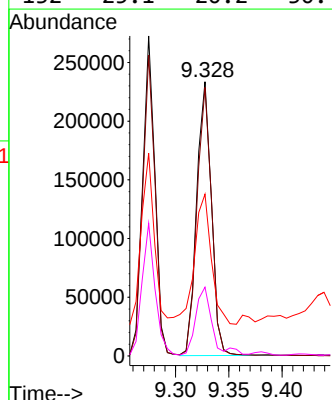
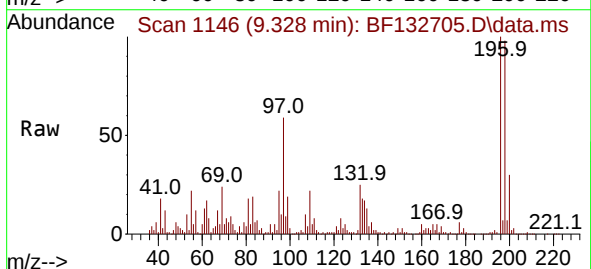
Ion Ratio Lower Upper

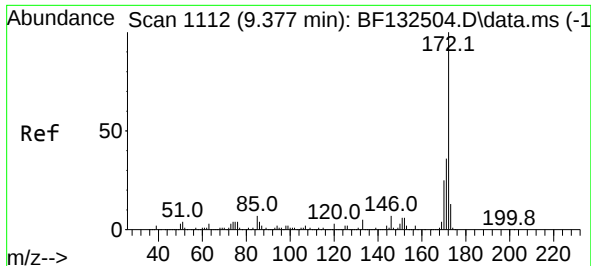
196 100

198 98.0 78.3 117.5

97 59.0 38.1 57.1#

132 25.1 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 89.074 ng

RT: 9.351 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

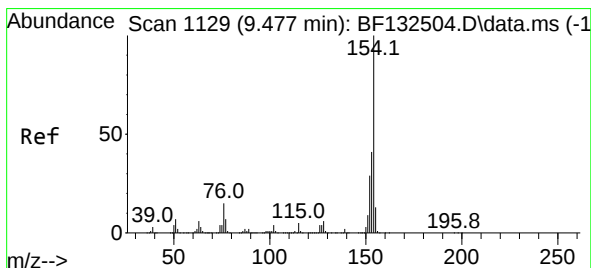
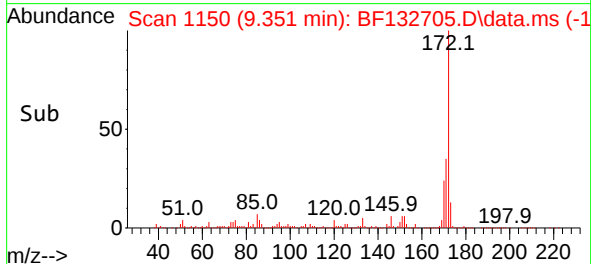
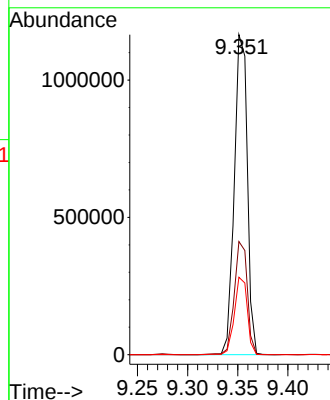
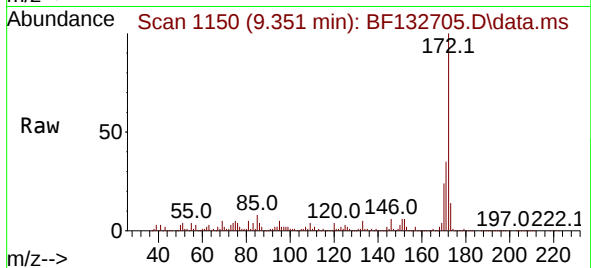
Tgt Ion:172 Resp: 1054859

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.2 19.7 29.5



#46

1,1'-Biphenyl

Concen: 51.966 ng

RT: 9.457 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

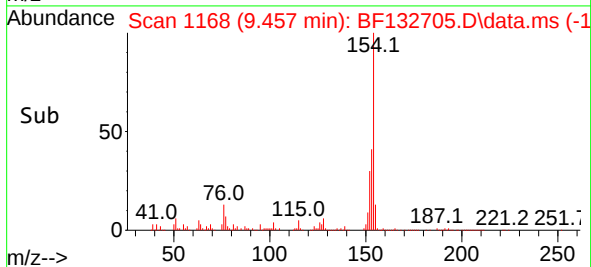
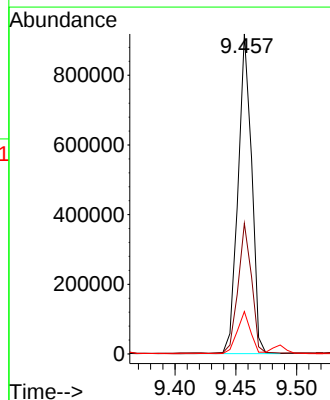
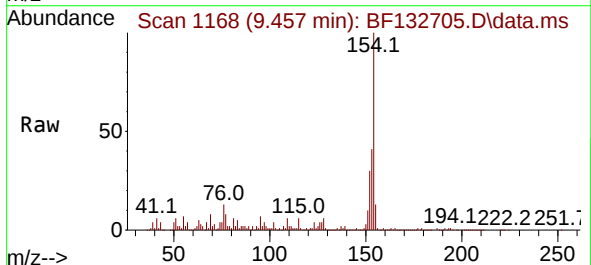
Tgt Ion:154 Resp: 709253

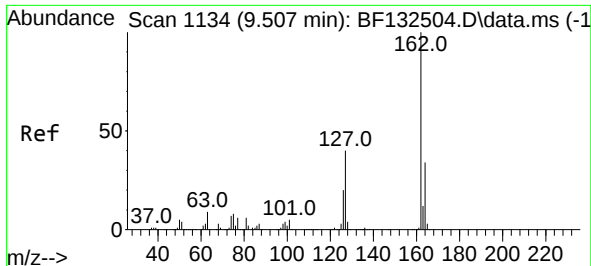
Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

76 13.3 0.0 34.7





#47

2-Chloronaphthalene

Concen: 52.145 ng

RT: 9.486 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

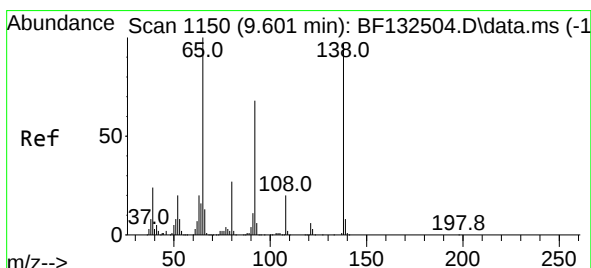
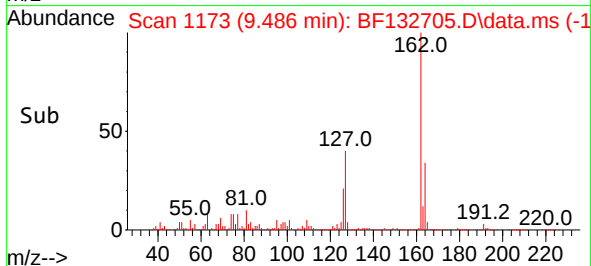
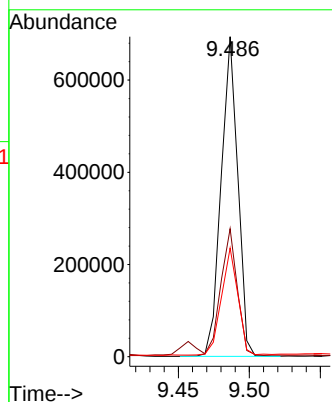
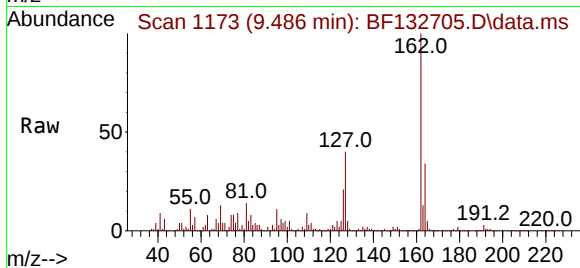
Tgt Ion:162 Resp: 564256

Ion Ratio Lower Upper

162 100

127 40.0 32.3 48.5

164 34.0 26.9 40.3



#48

2-Nitroaniline

Concen: 41.647 ng

RT: 9.580 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

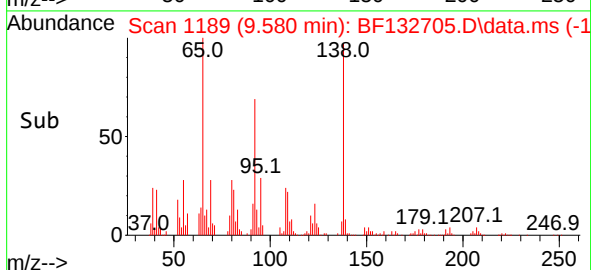
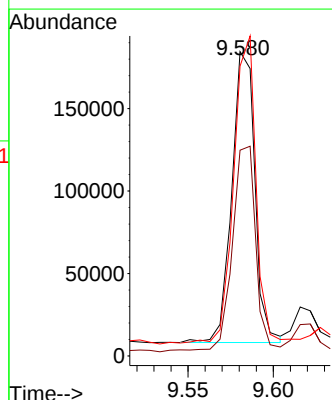
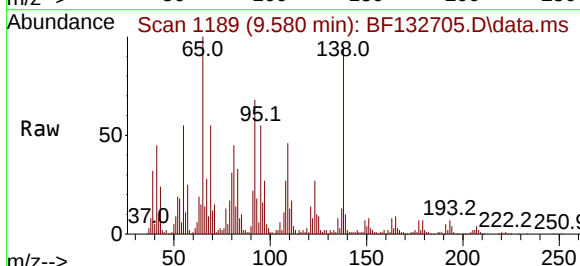
Tgt Ion: 65 Resp: 165980

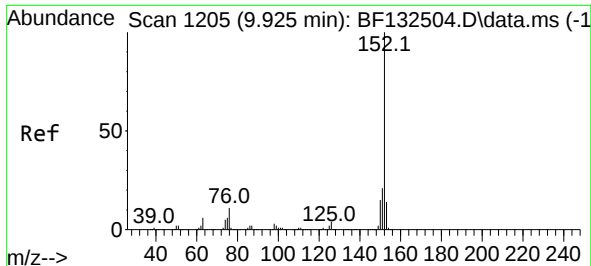
Ion Ratio Lower Upper

65 100

92 67.6 54.5 81.7

138 95.2 77.2 115.8





#49

Acenaphthylene

Concen: 41.166 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

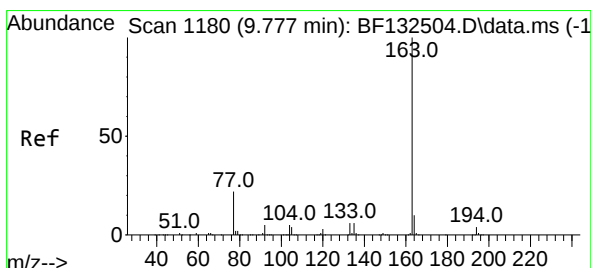
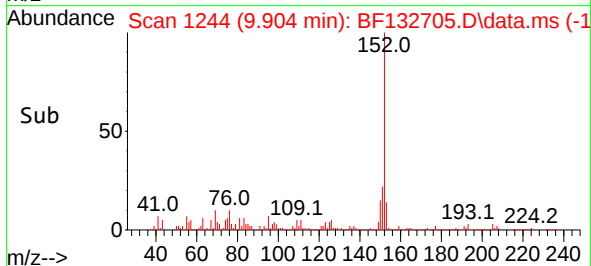
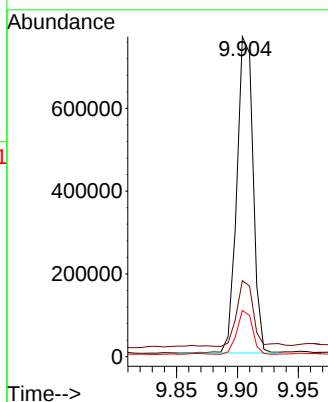
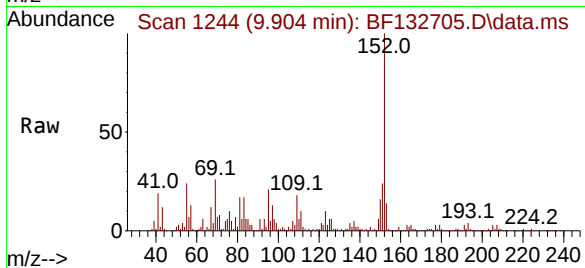
Tgt Ion:152 Resp: 708948

Ion Ratio Lower Upper

152 100

151 23.8 16.4 24.6

153 14.5 11.0 16.6



#50

Dimethylphthalate

Concen: 48.806 ng

RT: 9.751 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

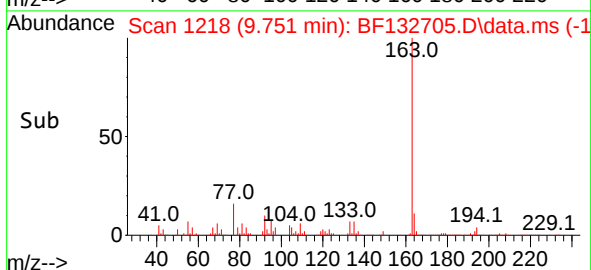
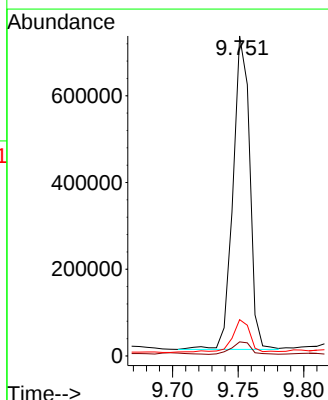
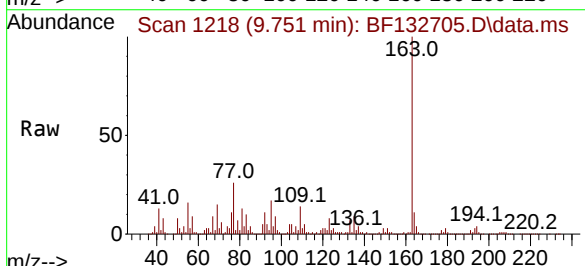
Tgt Ion:163 Resp: 640806

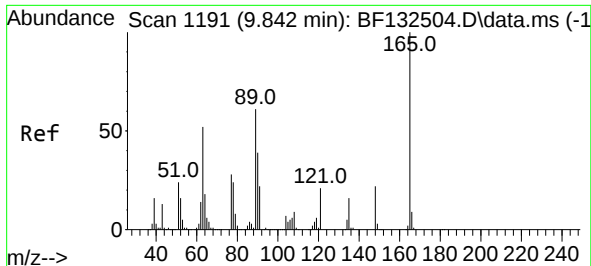
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 11.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 25.236 ng

RT: 9.822 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

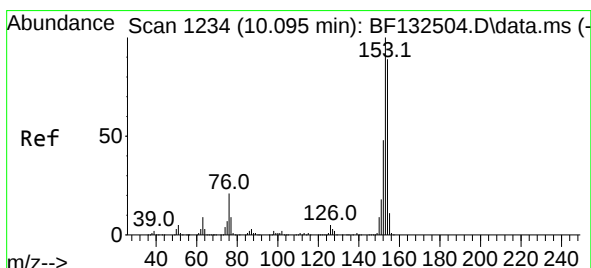
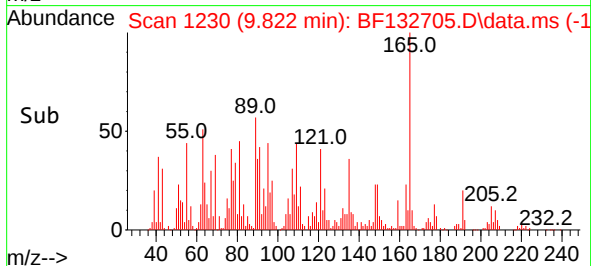
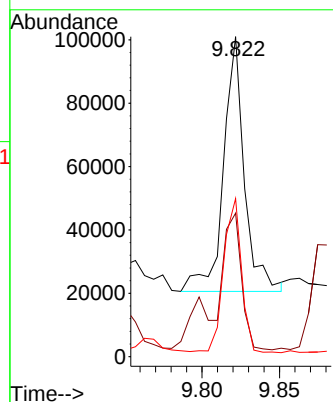
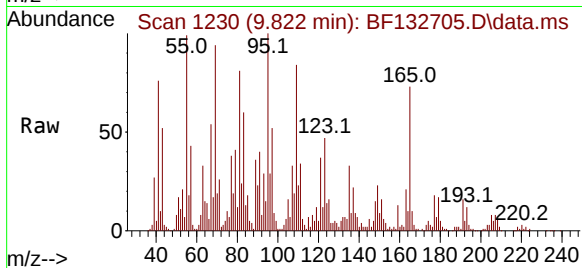
Tgt Ion:165 Resp: 75458

Ion Ratio Lower Upper

165 100

63 44.8 47.3 70.9#

89 49.4 48.9 73.3



#52

Acenaphthene

Concen: 37.370 ng

RT: 10.080 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

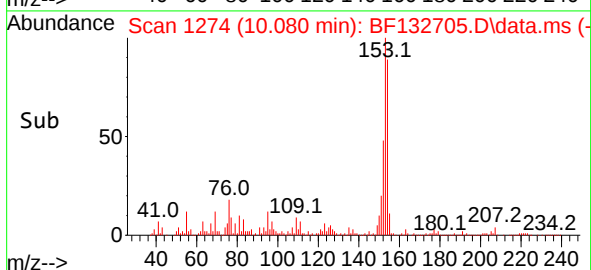
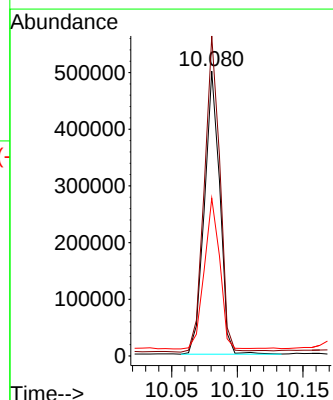
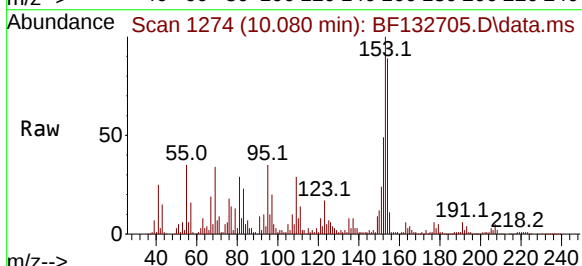
Tgt Ion:154 Resp: 408670

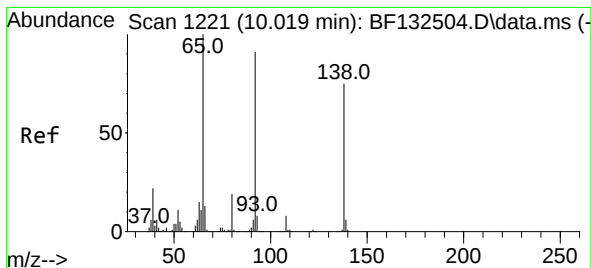
Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.8

152 55.4 43.3 64.9

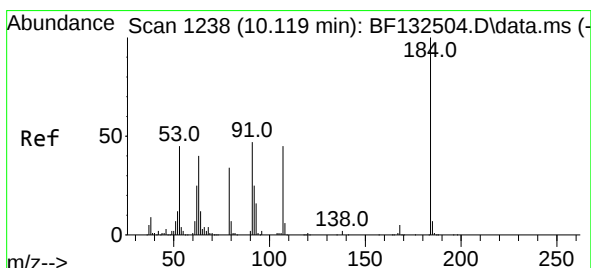
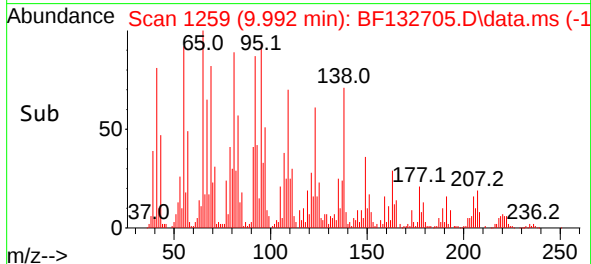
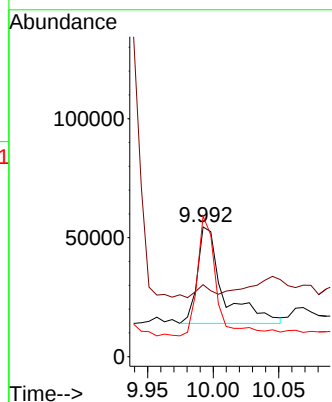
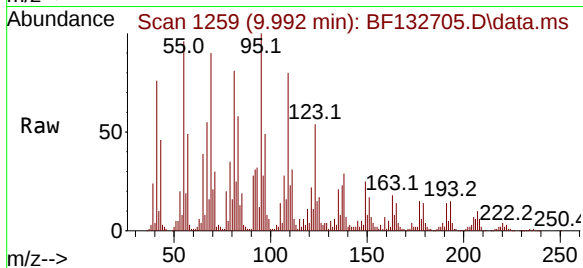




#53
3-Nitroaniline
Concen: 16.704 ng
RT: 9.992 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

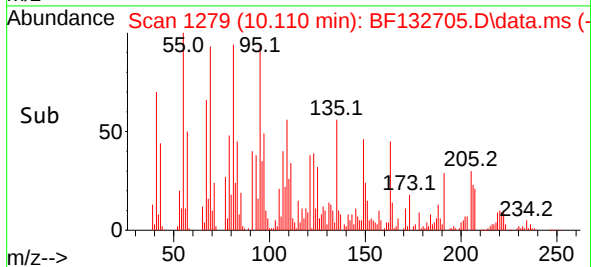
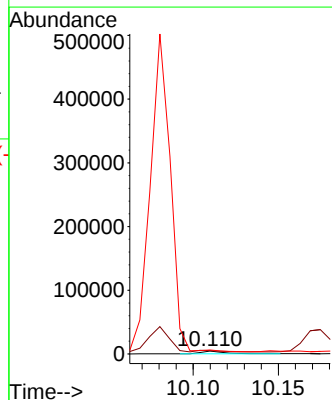
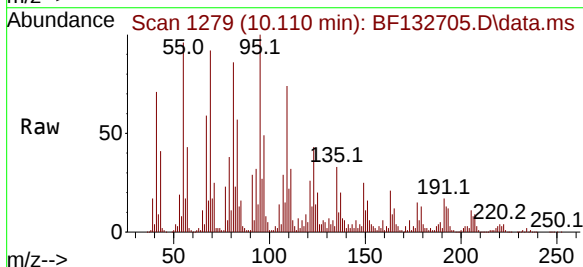
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

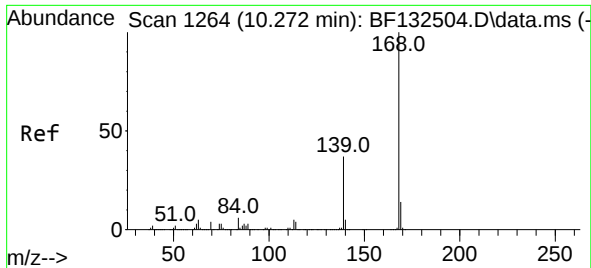
Tgt Ion:138 Resp: 55871
Ion Ratio Lower Upper
138 100
108 55.5 8.1 12.1#
92 108.3 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 3.717 ng
RT: 10.110 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:184 Resp: 3611
Ion Ratio Lower Upper
184 100
63 120.9 51.4 77.2#
154 139.3 48.3 72.5#

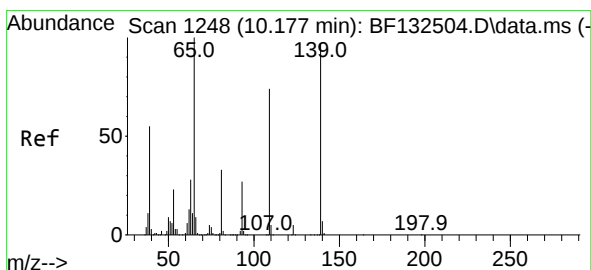
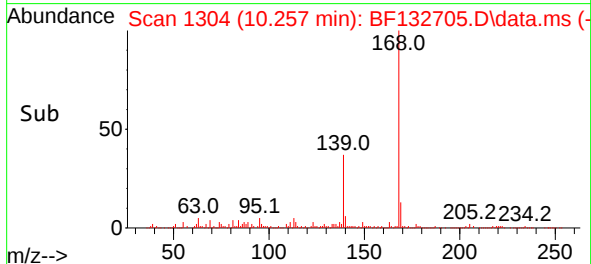
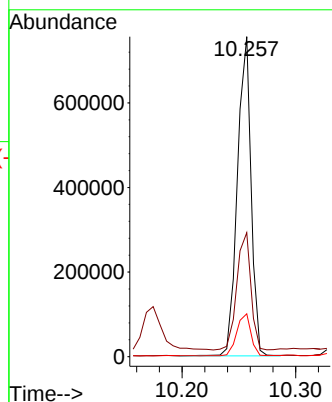
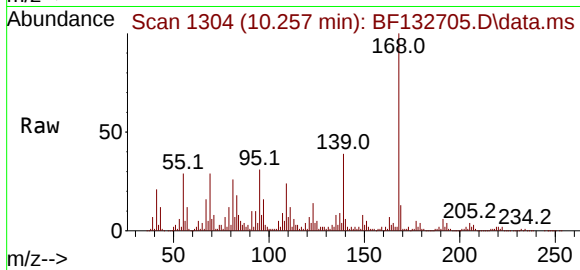




#55
Dibenzofuran
Concen: 39.376 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

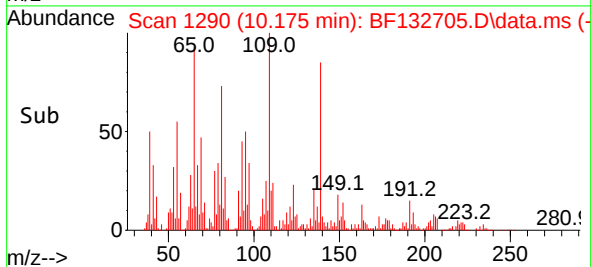
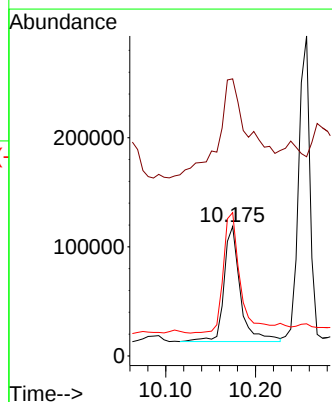
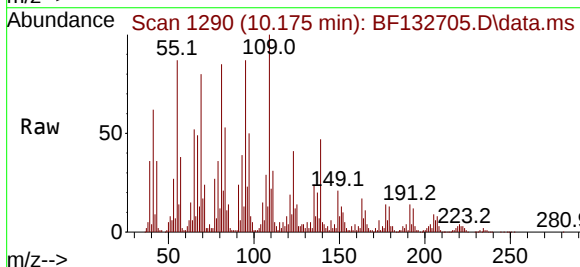
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

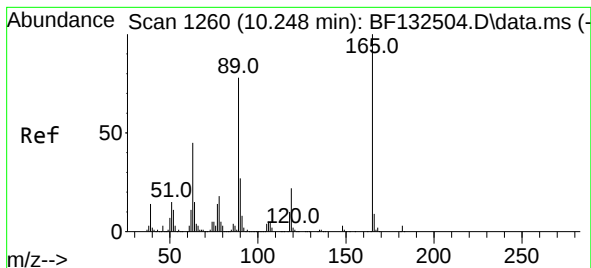
Tgt Ion:168 Resp: 627744
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 53.412 ng
RT: 10.175 min Scan# 1290
Delta R.T. 0.023 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:139 Resp: 133235
Ion Ratio Lower Upper
139 100
109 214.2 56.7 96.7#
65 110.9 83.5 123.5

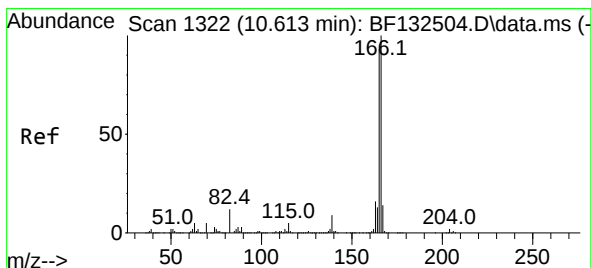
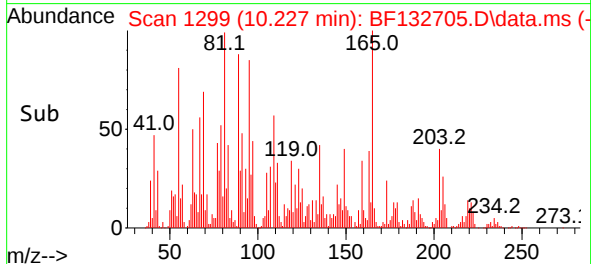
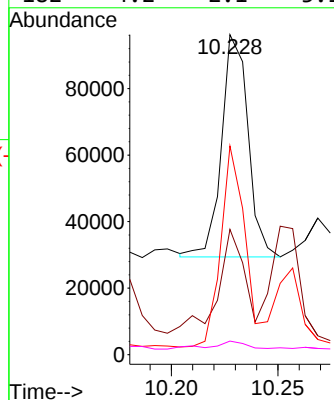
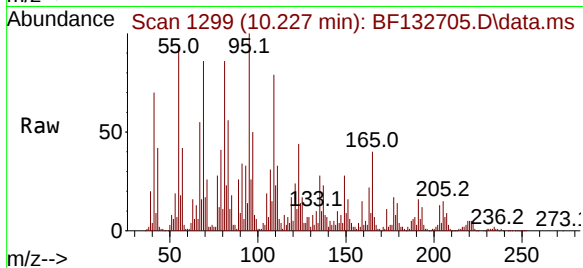




#57
2,4-Dinitrotoluene
Concen: 14.487 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

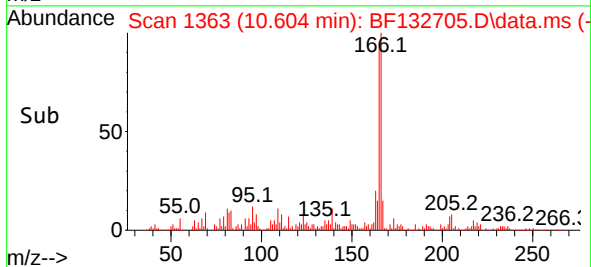
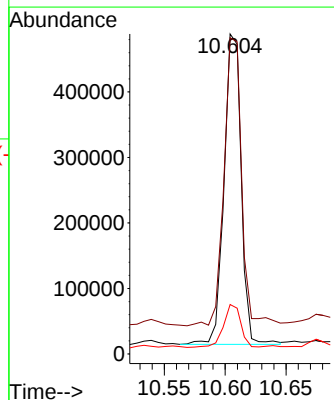
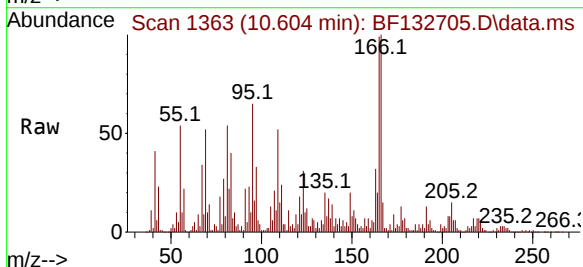
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

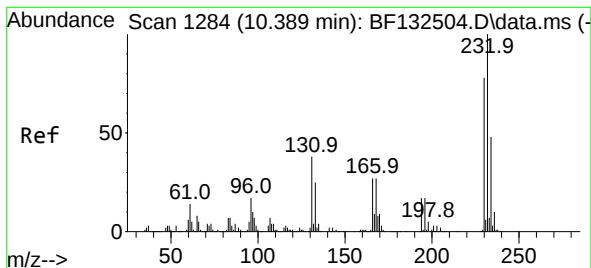
Tgt Ion:165 Resp: 57629
Ion Ratio Lower Upper
165 100
63 39.1 36.5 54.7
89 65.2 62.4 93.6
182 4.2 2.1 3.1#



#58
Fluorene
Concen: 38.077 ng
RT: 10.604 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:166 Resp: 464325
Ion Ratio Lower Upper
166 100
165 98.8 74.2 111.4
167 15.5 11.1 16.7

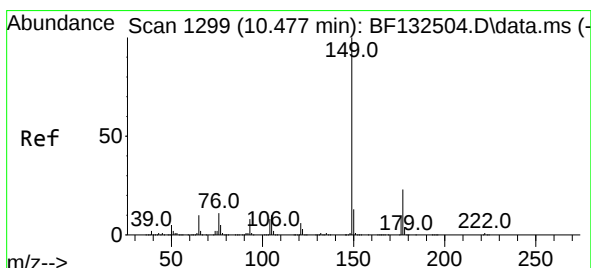
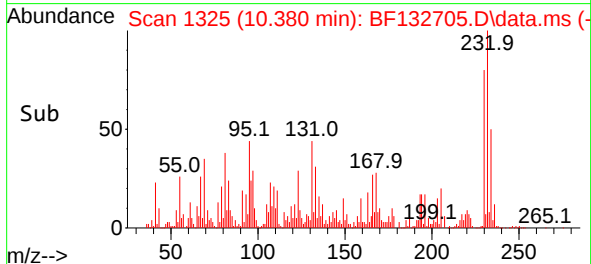
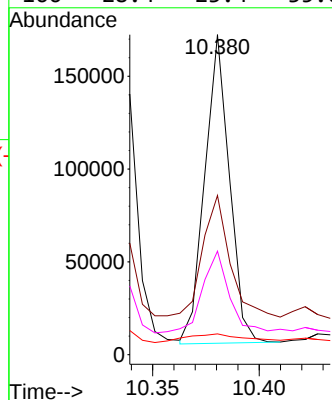
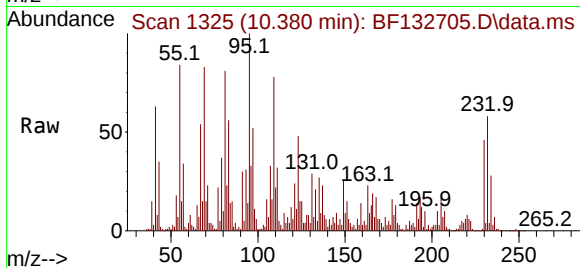




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.541 ng
RT: 10.380 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

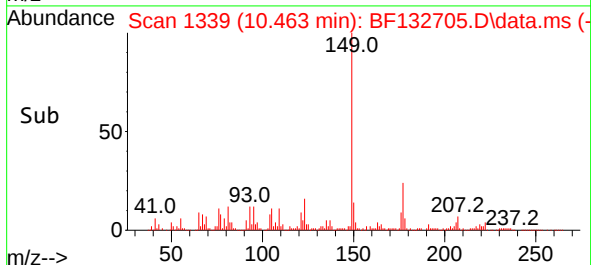
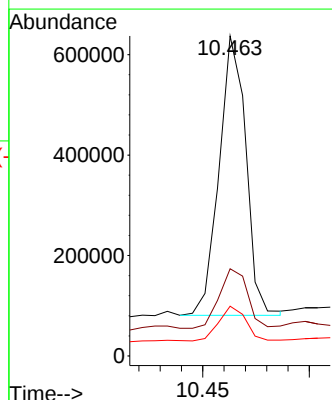
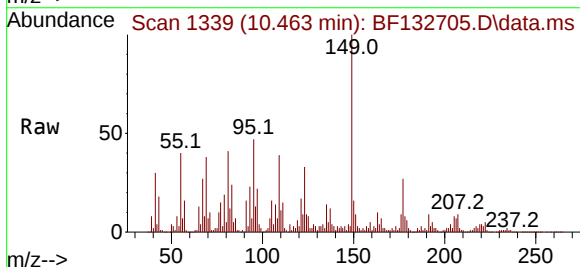
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

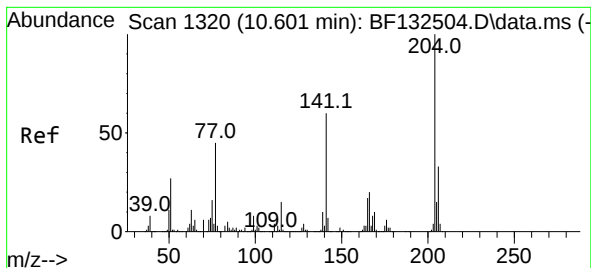
Tgt Ion:232	Resp:	133598
Ion Ratio	Lower	Upper
232	100	
131	49.0	33.8 50.8
130	6.8	1.7 2.5#
166	28.4	23.4 35.0



#60
Diethylphthalate
Concen: 37.926 ng
RT: 10.463 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:149	Resp:	486330
Ion Ratio	Lower	Upper
149	100	
177	27.2	18.1 27.1#
150	15.6	10.2 15.2#

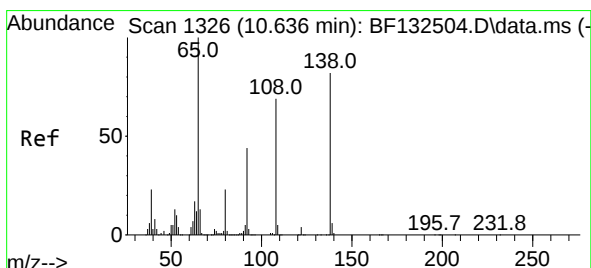
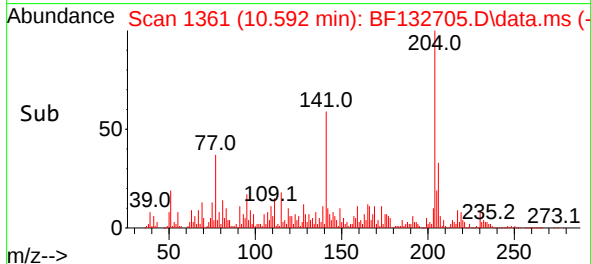
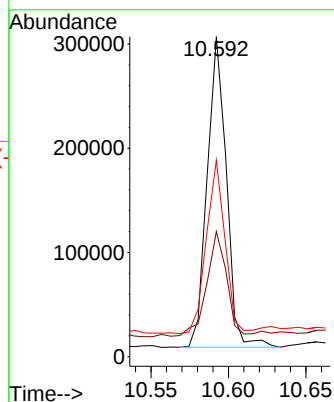
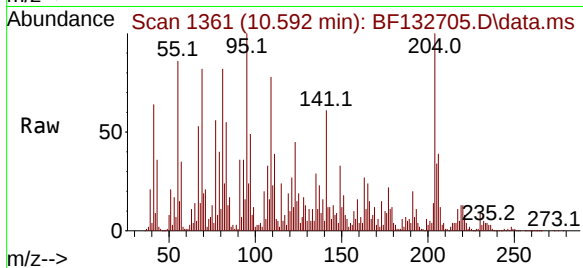




#61
4-Chlorophenyl-phenylether
Concen: 40.511 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.012 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

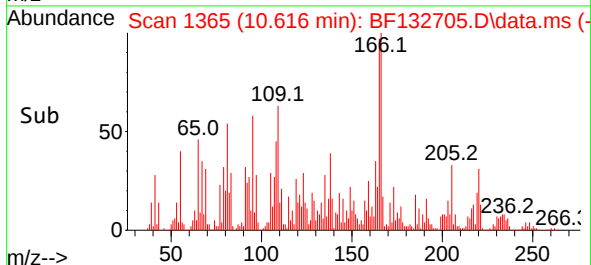
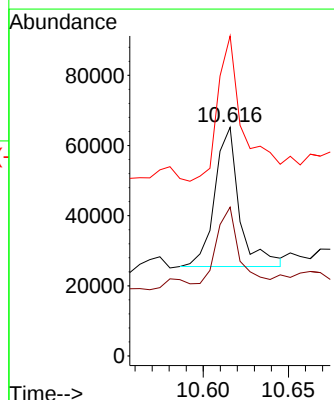
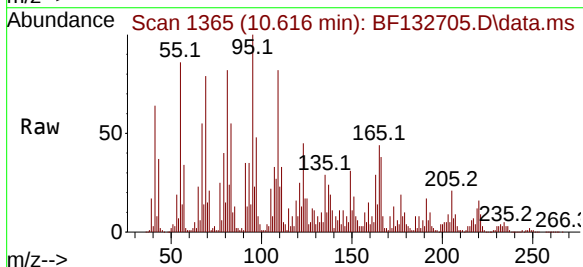
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

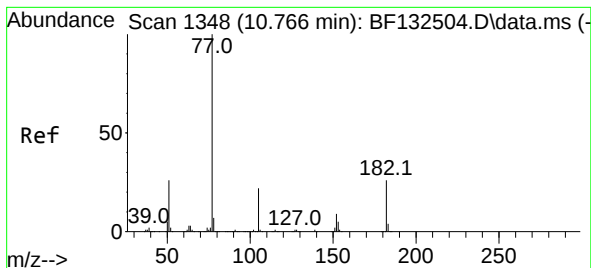
Tgt Ion:204 Resp: 256276
Ion Ratio Lower Upper
204 100
206 39.1 26.3 39.5
141 61.4 47.8 71.8



#62
4-Nitroaniline
Concen: 12.209 ng
RT: 10.616 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:138 Resp: 40087
Ion Ratio Lower Upper
138 100
92 65.1 33.8 73.8
108 139.9 63.7 103.7#





#63

Azobenzene

Concen: 27.248 ng

RT: 10.757 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

Tgt Ion: 77 Resp: 370049

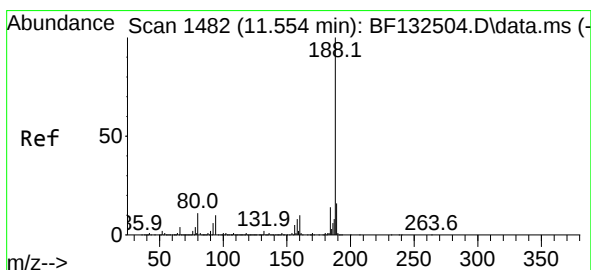
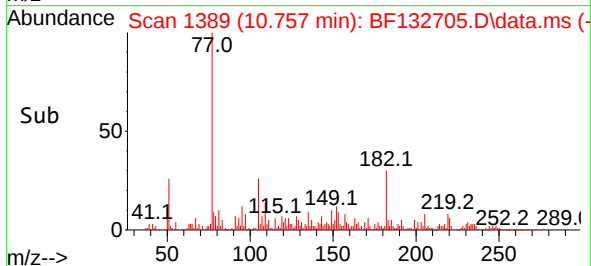
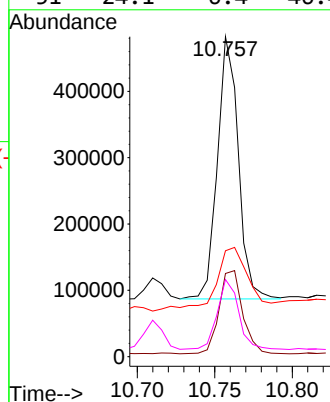
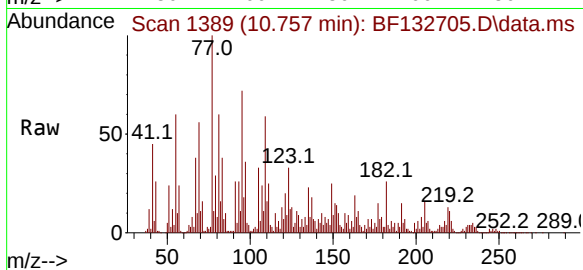
Ion Ratio Lower Upper

77 100

182 26.0 5.5 45.5

105 33.1 1.8 41.8

51 24.1 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: BF132705.D

Acq: 08 Mar 2023 23:11

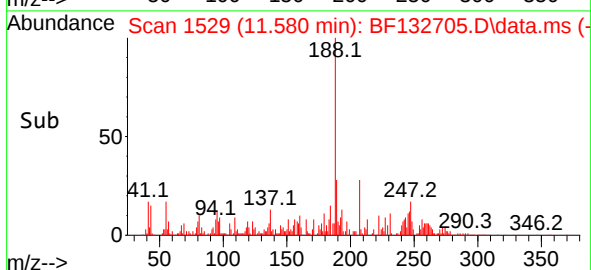
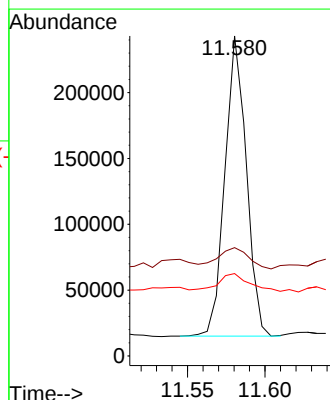
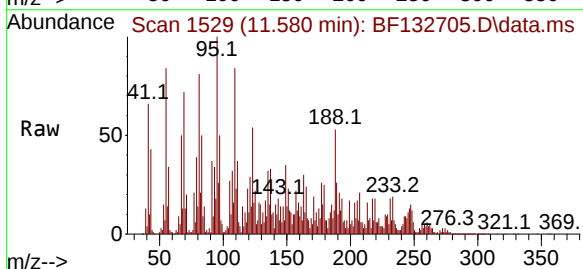
Tgt Ion: 188 Resp: 218883

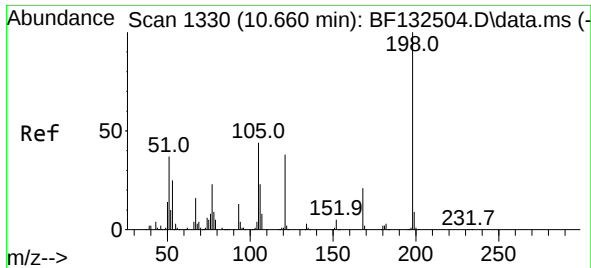
Ion Ratio Lower Upper

188 100

94 33.8 8.3 12.5#

80 25.8 8.7 13.1#

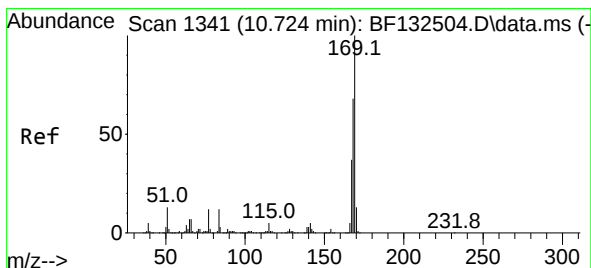
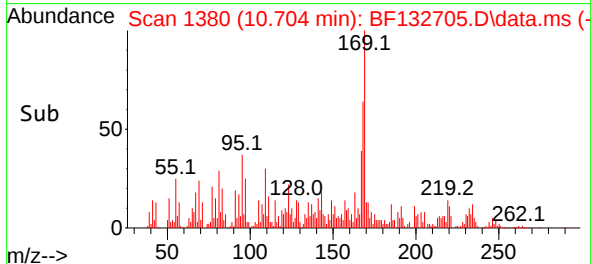
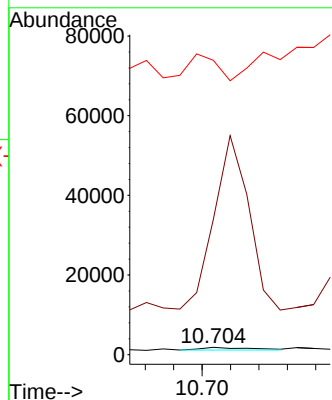
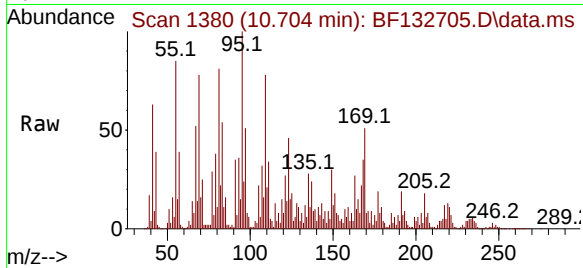




#65
4,6-Dinitro-2-methylphenol
Concen: 0.557 ng
RT: 10.704 min Scan# 1380
Delta R.T. 0.059 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

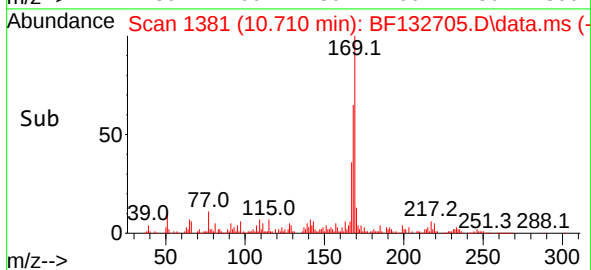
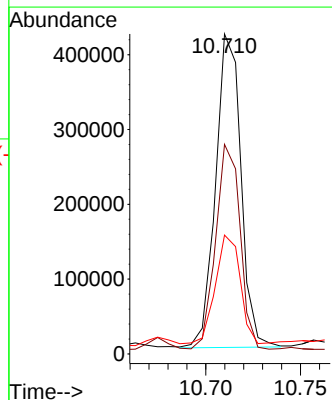
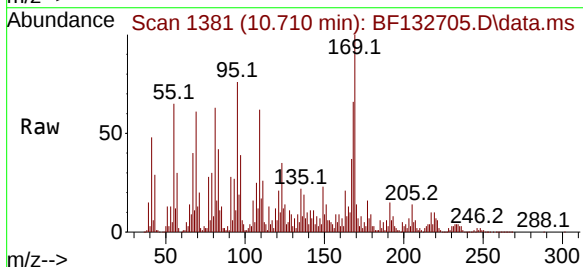
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

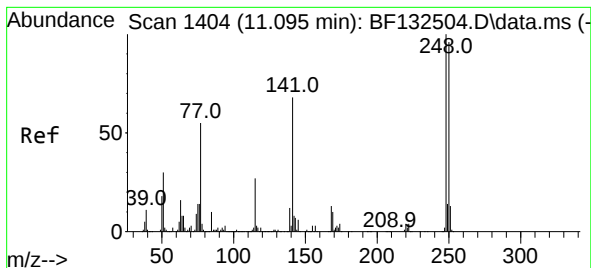
Tgt Ion:198 Resp: 825
Ion Ratio Lower Upper
198 100
51 1836.7 20.6 60.6#
105 3997.8 24.3 64.3#



#66
n-Nitrosodiphenylamine
Concen: 57.127 ng
RT: 10.710 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:169 Resp: 389828
Ion Ratio Lower Upper
169 100
168 65.5 54.2 81.4
167 37.2 29.6 44.4

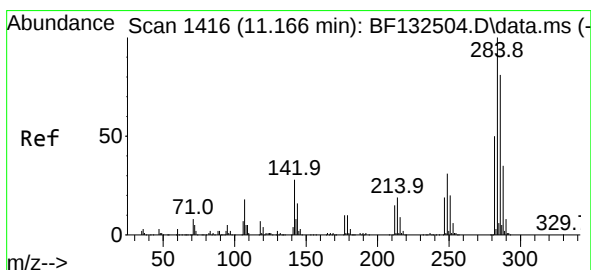
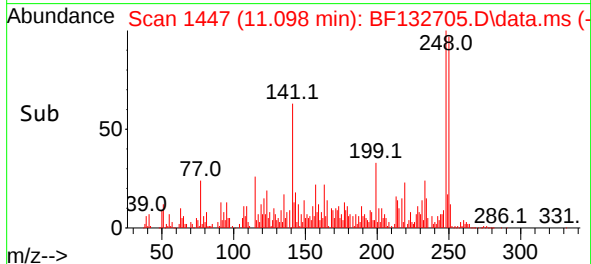
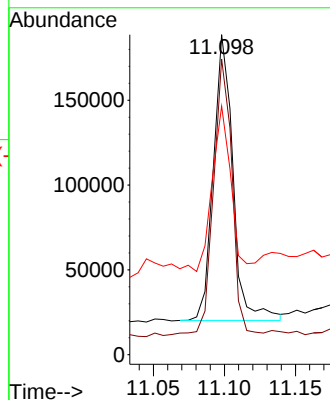
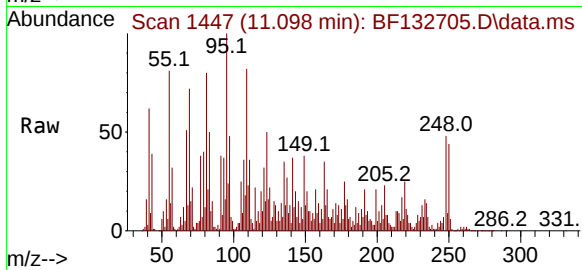




#67
4-Bromophenyl-phenylether
Concen: 65.120 ng
RT: 11.098 min Scan# 1404
Delta R.T. 0.023 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

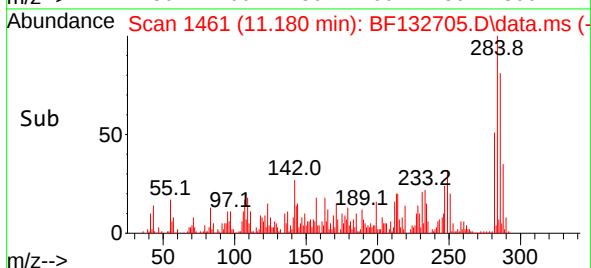
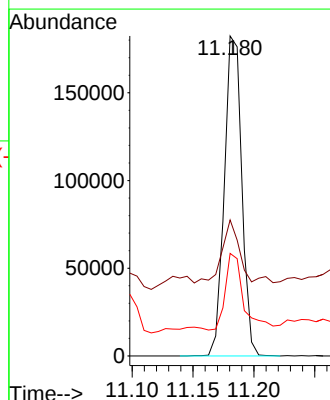
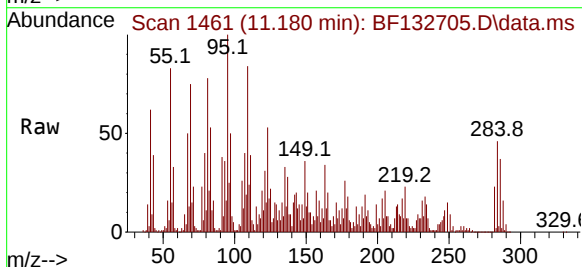
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

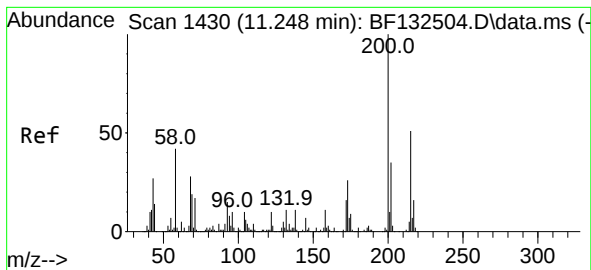
Tgt Ion:248 Resp: 161232
Ion Ratio Lower Upper
248 100
250 92.4 77.0 115.4
141 77.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 70.025 ng
RT: 11.180 min Scan# 1461
Delta R.T. 0.035 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:284 Resp: 182432
Ion Ratio Lower Upper
284 100
142 42.5 22.2 33.4#
249 32.0 24.9 37.3





#69

Atrazine

Concen: 11.838 ng

RT: 11.263 min Scan# 1475

Delta R.T. 0.041 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

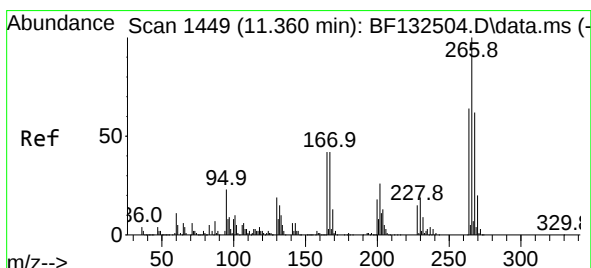
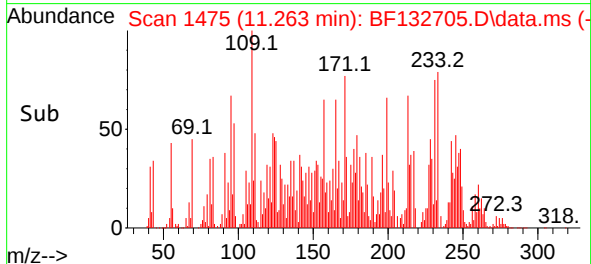
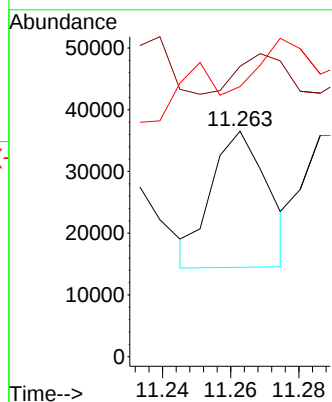
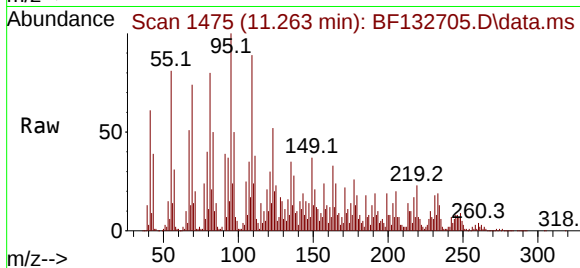
Tgt Ion:200 Resp: 25219

Ion Ratio Lower Upper

200 100

173 128.8 6.4 46.4#

215 119.8 31.0 71.0#



#70

Pentachlorophenol

Concen: 102.848 ng

RT: 11.386 min Scan# 1496

Delta R.T. 0.047 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

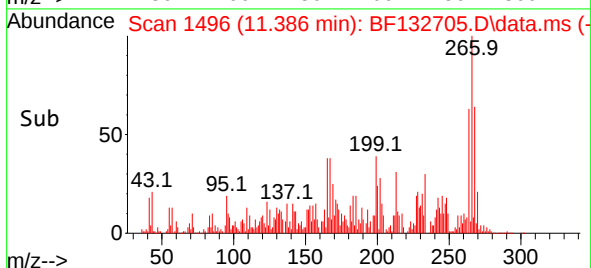
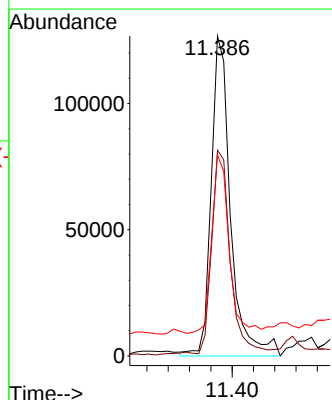
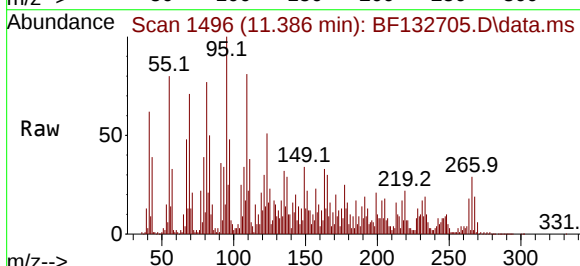
Tgt Ion:266 Resp: 159417

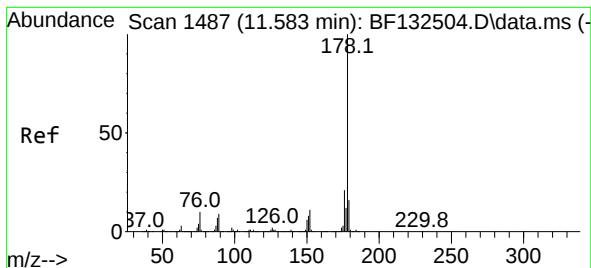
Ion Ratio Lower Upper

266 100

268 64.3 49.8 74.6

264 62.9 50.9 76.3





#71

Phenanthrene

Concen: 45.617 ng

RT: 11.610 min Scan# 1534

Delta R.T. 0.047 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

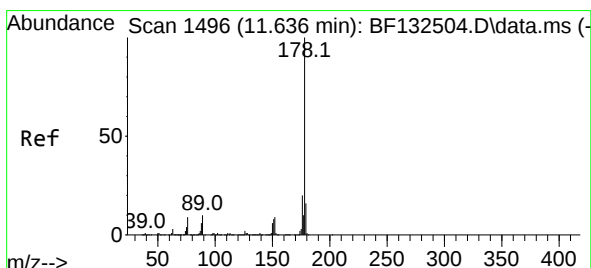
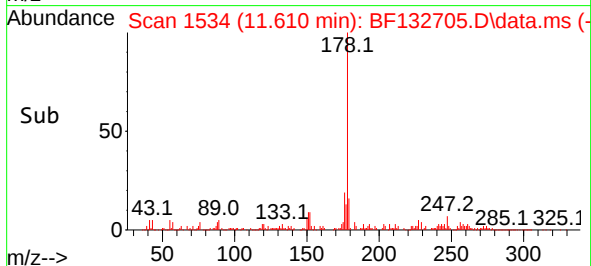
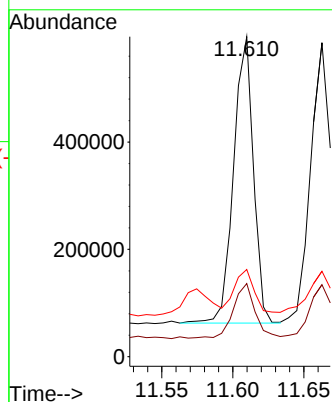
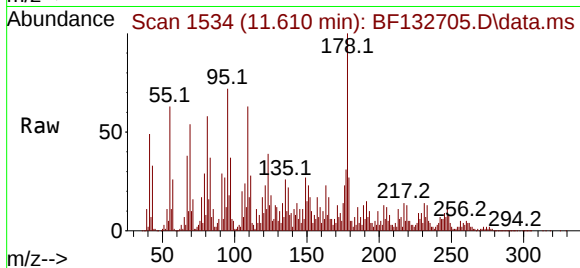
Tgt Ion:178 Resp: 517257

Ion Ratio Lower Upper

178 100

176 22.8 16.5 24.7

179 27.2 13.0 19.6#



#72

Anthracene

Concen: 46.432 ng

RT: 11.663 min Scan# 1543

Delta R.T. 0.047 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

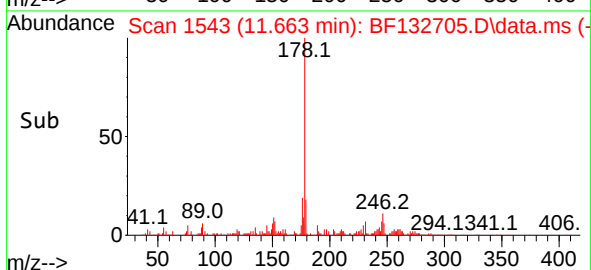
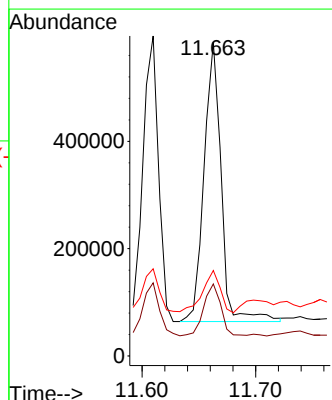
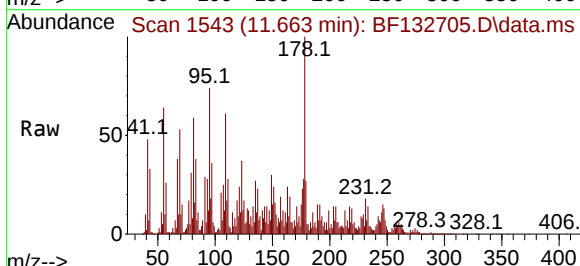
Tgt Ion:178 Resp: 542178

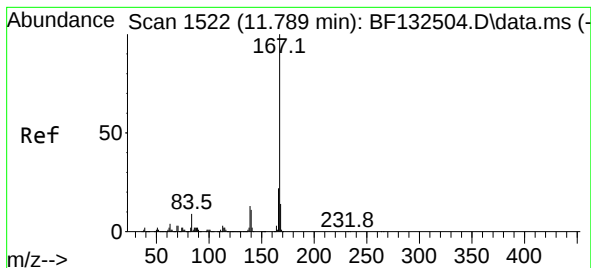
Ion Ratio Lower Upper

178 100

176 23.0 15.6 23.4

179 27.2 12.5 18.7#





#73

Carbazole

Concen: 40.980 ng

RT: 11.816 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

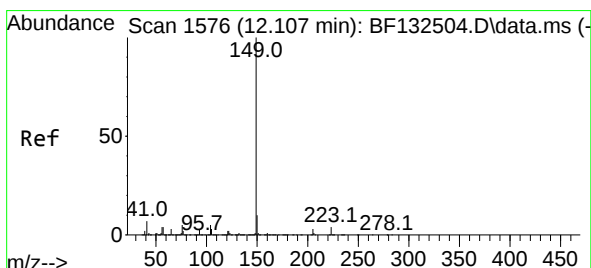
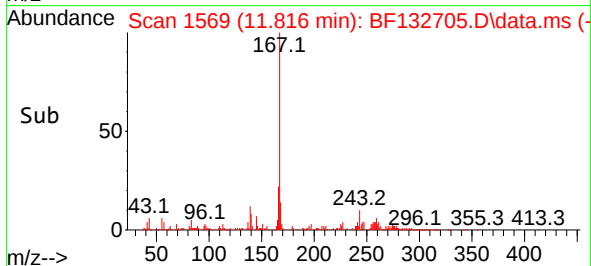
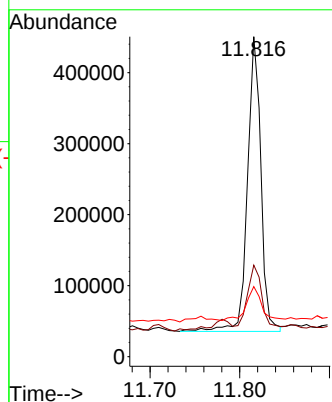
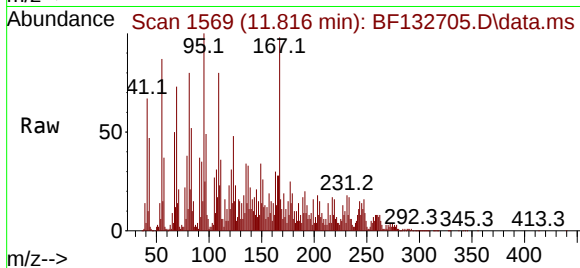
Tgt Ion:167 Resp: 431432

Ion Ratio Lower Upper

167 100

166 28.6 17.7 26.5#

139 21.9 10.5 15.7#



#74

Di-n-butylphthalate

Concen: 34.884 ng

RT: 12.139 min Scan# 1624

Delta R.T. 0.053 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

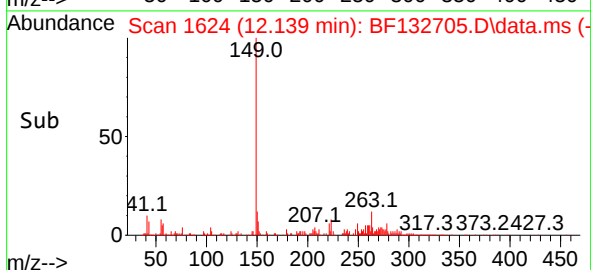
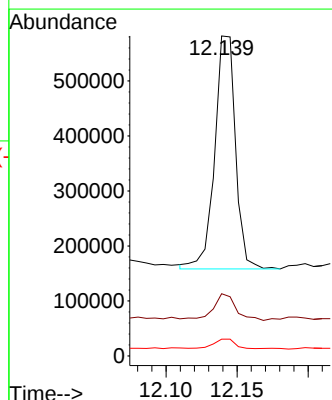
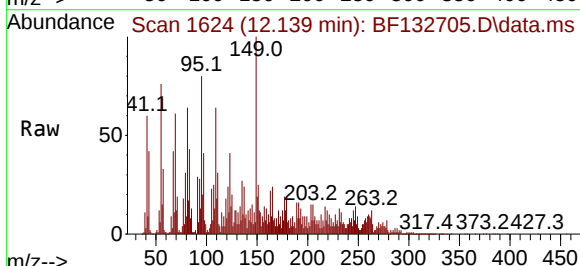
Tgt Ion:149 Resp: 430795

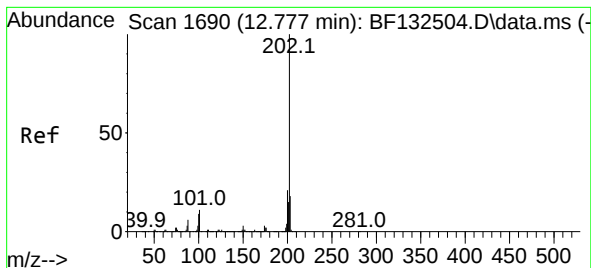
Ion Ratio Lower Upper

149 100

150 19.5 7.8 11.8#

104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 37.511 ng

RT: 12.839 min Scan# 1

Delta R.T. 0.082 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

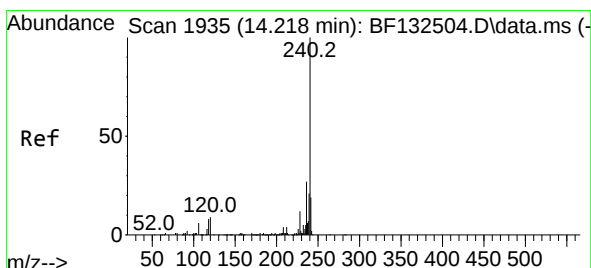
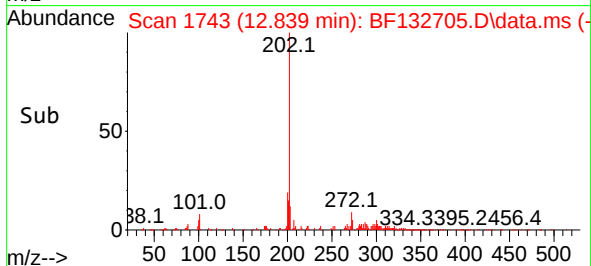
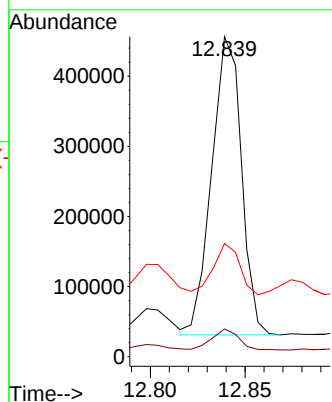
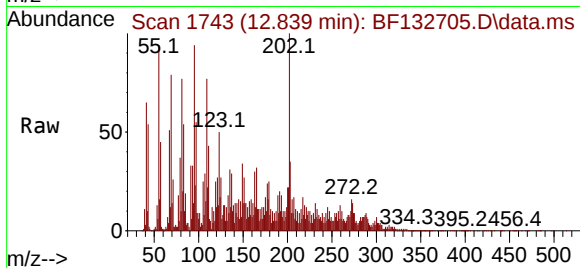
Tgt Ion:202 Resp: 464991

Ion Ratio Lower Upper

202 100

101 8.6 0.0 31.4

203 35.3 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.268 min Scan# 1986

Delta R.T. 0.070 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

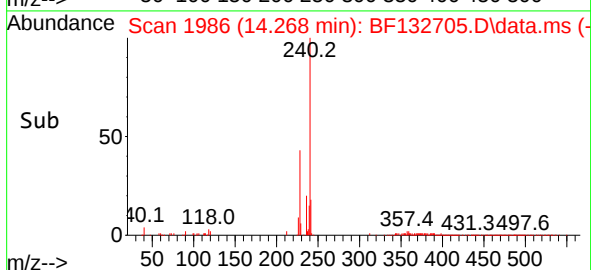
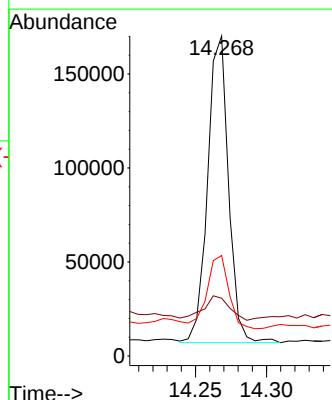
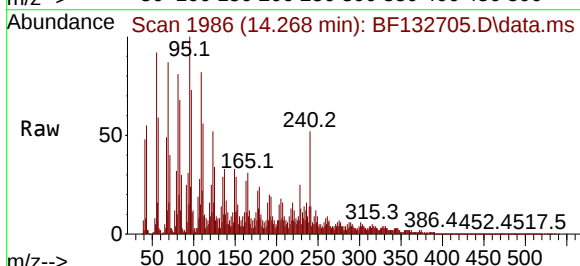
Tgt Ion:240 Resp: 166657

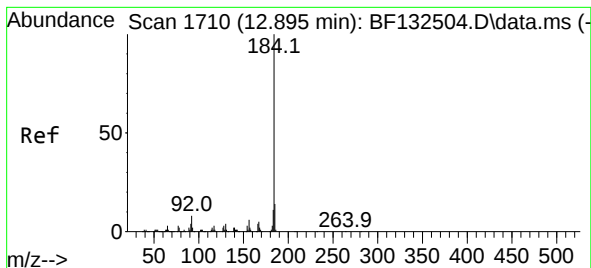
Ion Ratio Lower Upper

240 100

120 18.0 7.2 10.8#

236 31.4 21.8 32.6





#77

Benzidine

Concen: 0.365 ng

RT: 12.957 min Scan# 1763

Delta R.T. 0.082 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

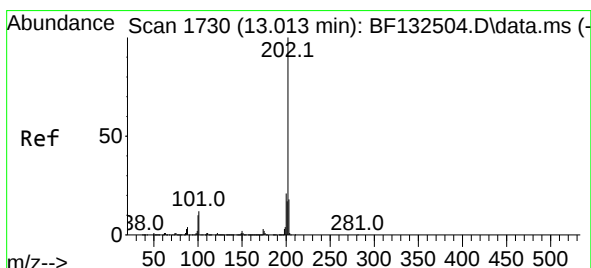
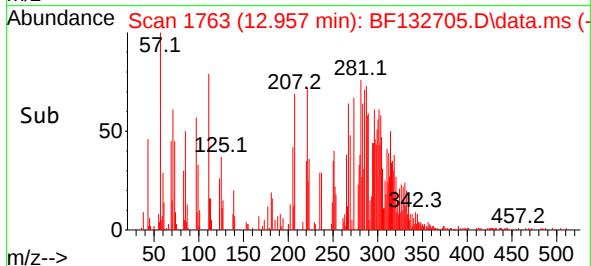
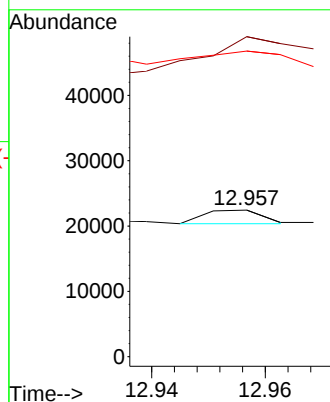
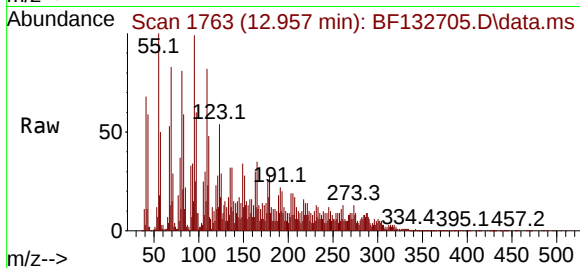
Tgt Ion:184 Resp: 1480

Ion Ratio Lower Upper

184 100

185 218.4 11.7 17.5#

183 208.6 8.7 13.1#



#78

Pyrene

Concen: 41.848 ng

RT: 13.074 min Scan# 1783

Delta R.T. 0.082 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

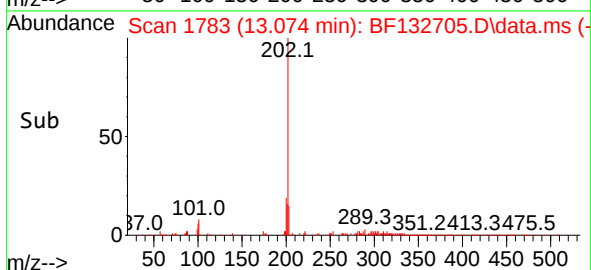
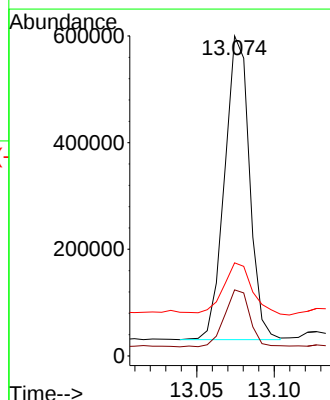
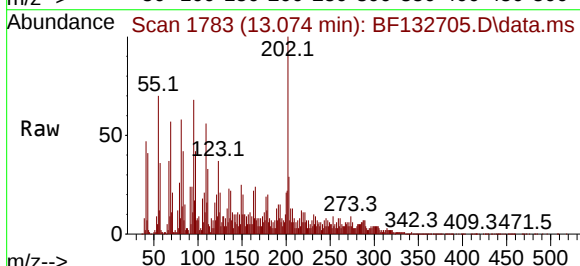
Tgt Ion:202 Resp: 634087

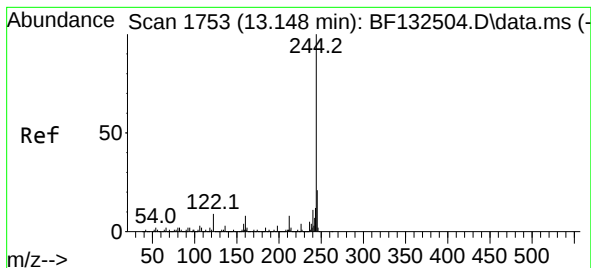
Ion Ratio Lower Upper

202 100

200 20.7 17.1 25.7

203 29.1 14.6 21.8#





#79

Terphenyl-d14

Concen: 70.867 ng

RT: 13.198 min Scan# 1804

Delta R.T. 0.070 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

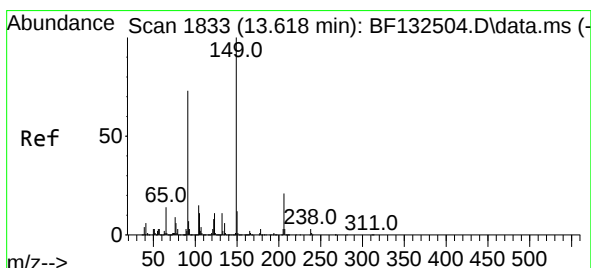
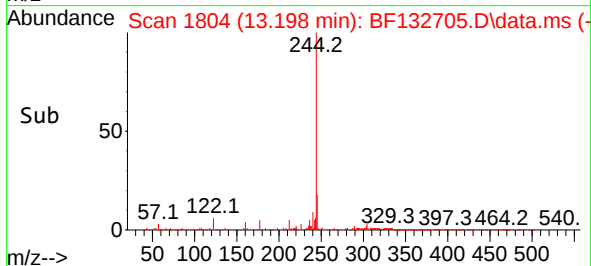
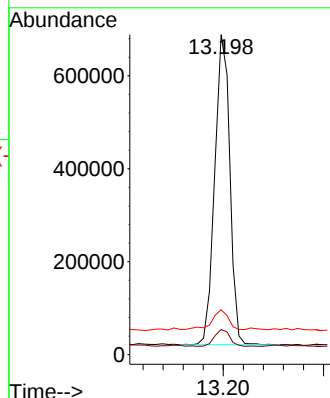
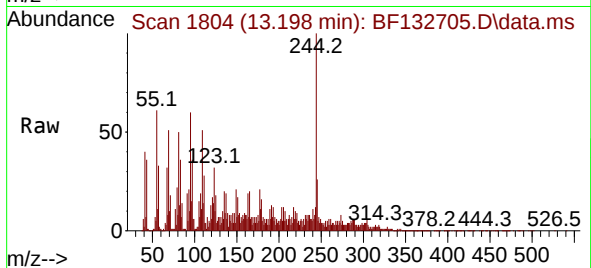
Tgt Ion:244 Resp: 698535

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 14.1 7.5 11.3#



#80

Butylbenzylphthalate

Concen: 26.919 ng

RT: 13.663 min Scan# 1883

Delta R.T. 0.065 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

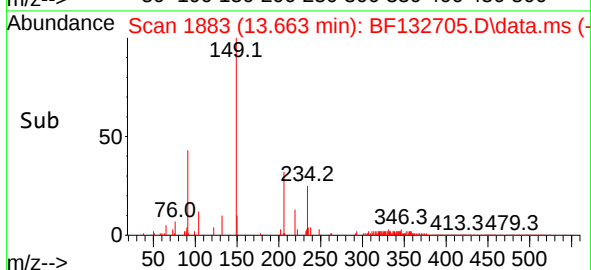
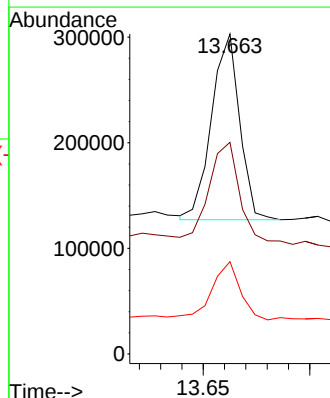
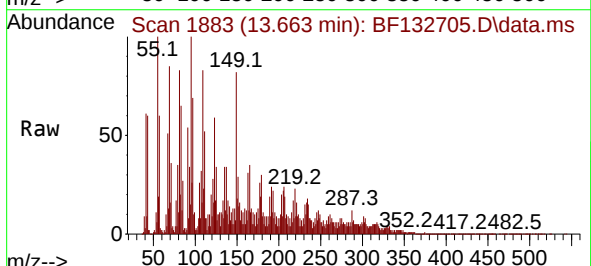
Tgt Ion:149 Resp: 160959

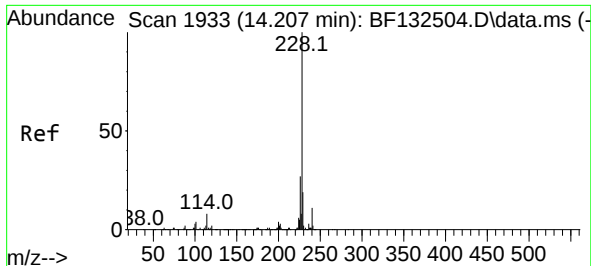
Ion Ratio Lower Upper

149 100

91 66.2 58.4 87.6

206 28.8 16.8 25.2#

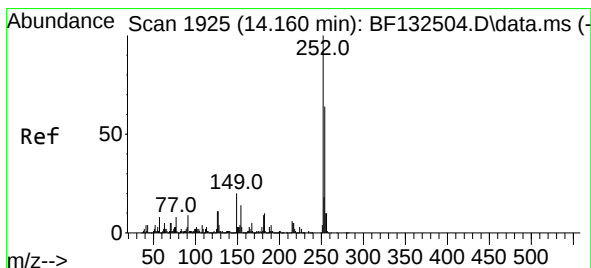
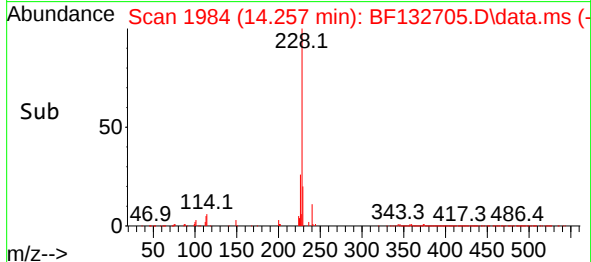
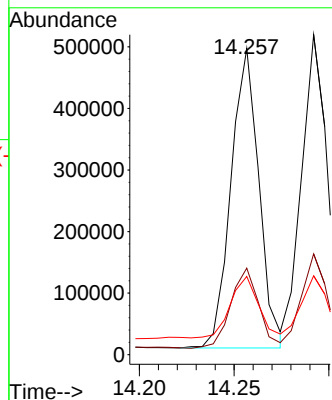
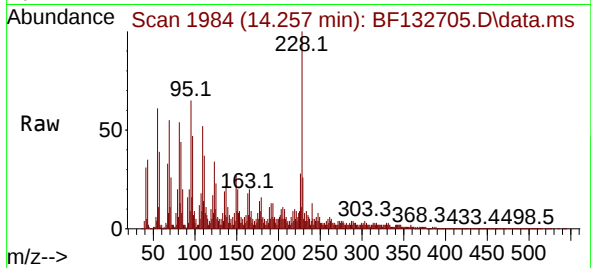




#81
Benzo(a)anthracene
Concen: 39.962 ng
RT: 14.257 min Scan# 1933
Delta R.T. 0.070 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

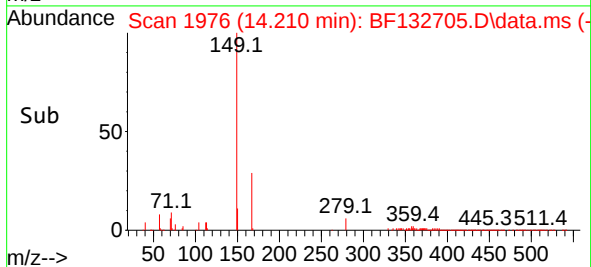
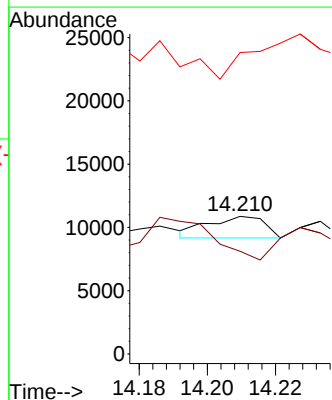
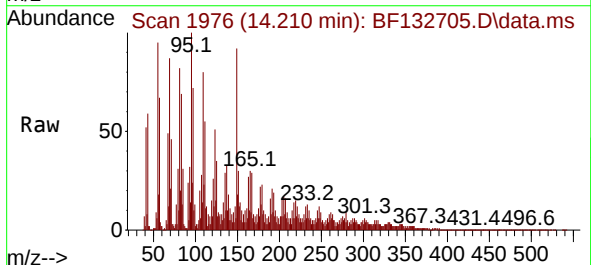
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

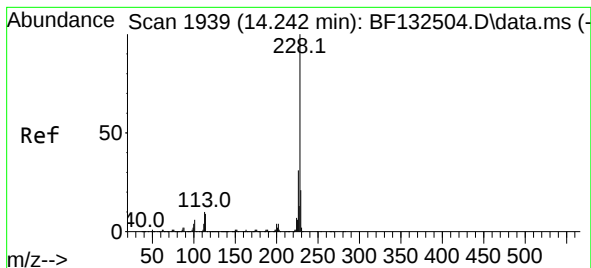
Tgt Ion:228 Resp: 498319
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 25.5 15.4 23.2#



#82
3,3'-Dichlorobenzidine
Concen: 0.531 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.070 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:252 Resp: 1951
Ion Ratio Lower Upper
252 100
254 74.6 51.4 77.2
126 219.1 8.9 13.3#





#83

Chrysene

Concen: 40.561 ng

RT: 14.292 min Scan# 1939

Delta R.T. 0.070 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

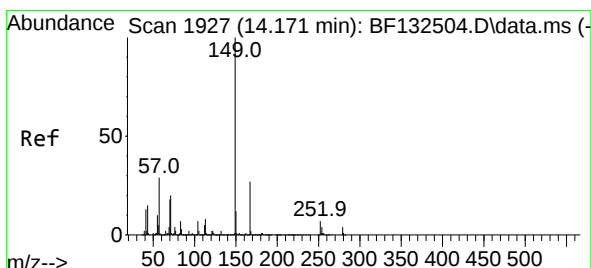
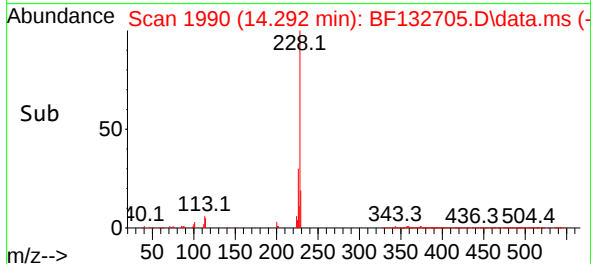
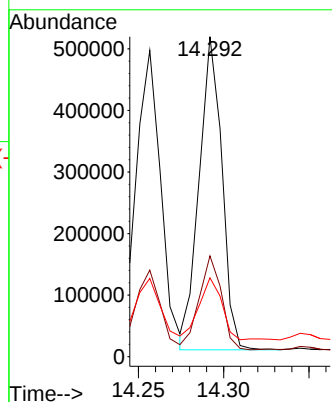
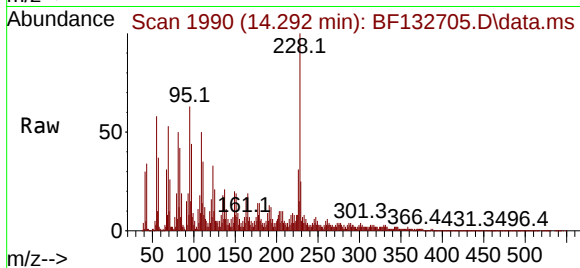
Tgt Ion:228 Resp: 472973

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

229 24.6 16.4 24.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.775 ng

RT: 14.204 min Scan# 1975

Delta R.T. 0.053 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

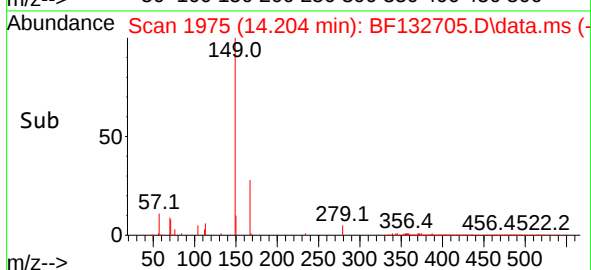
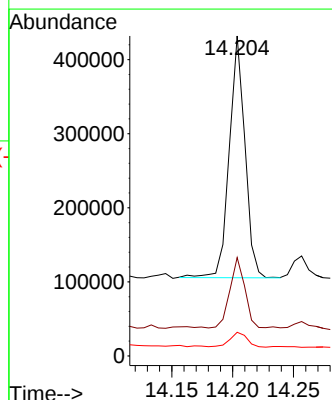
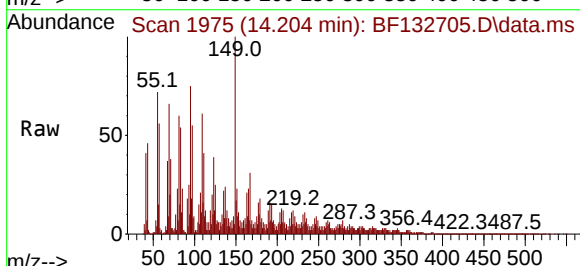
Tgt Ion:149 Resp: 292157

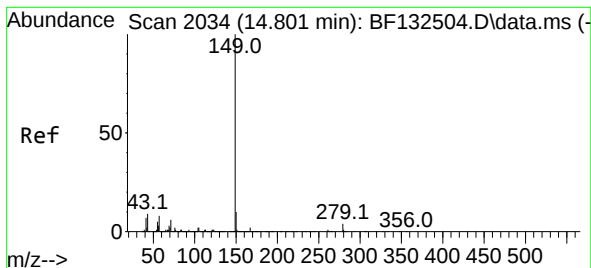
Ion Ratio Lower Upper

149 100

167 30.7 21.8 32.6

279 7.4 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 36.992 ng

RT: 14.827 min Scan# 2034

Delta R.T. 0.053 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

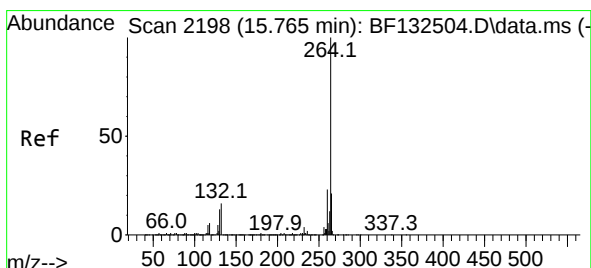
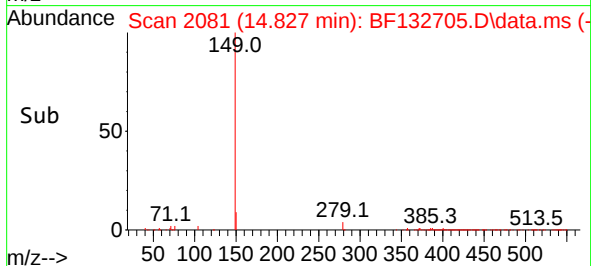
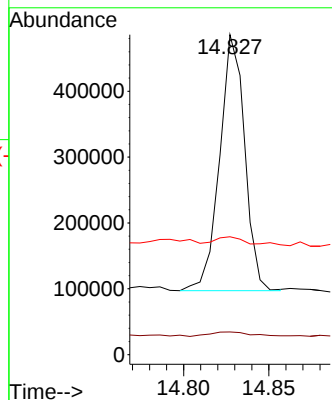
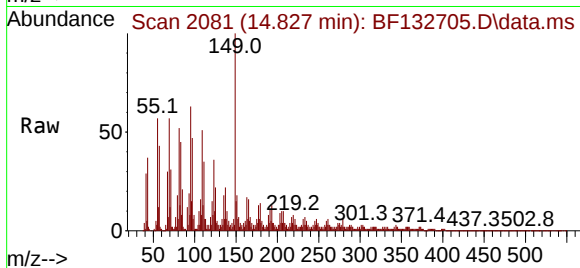
Tgt Ion:149 Resp: 397063

Ion Ratio Lower Upper

149 100

167 3.3 1.3 1.9#

43 5.5 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.833 min Scan# 2252

Delta R.T. 0.094 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

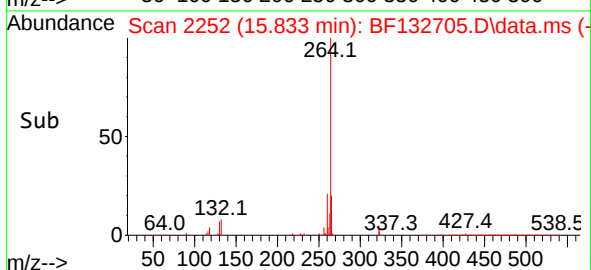
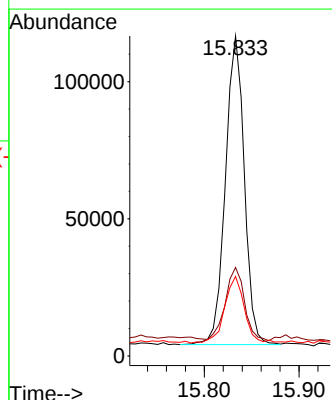
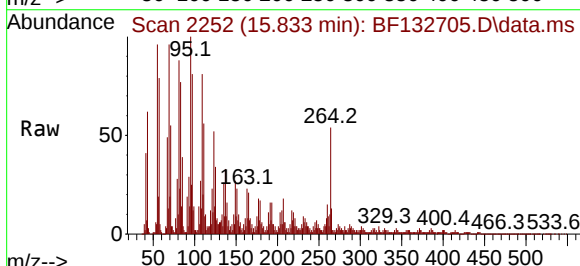
Tgt Ion:264 Resp: 156148

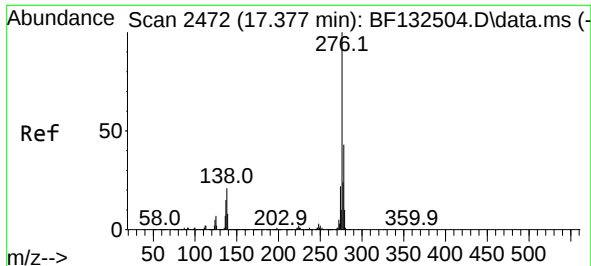
Ion Ratio Lower Upper

264 100

260 27.6 18.8 28.2

265 24.8 17.1 25.7

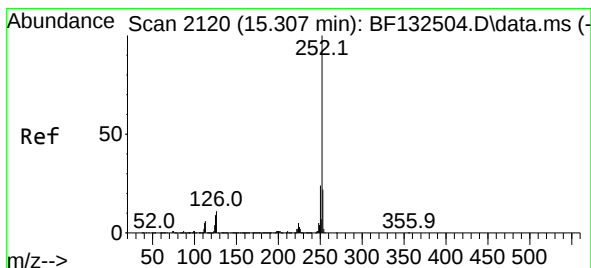
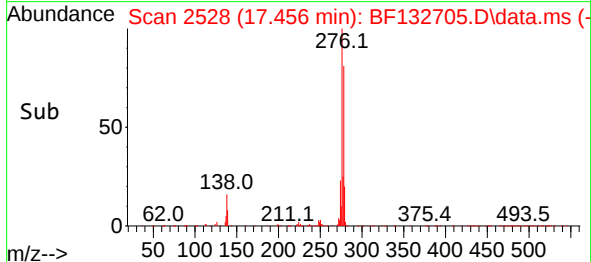
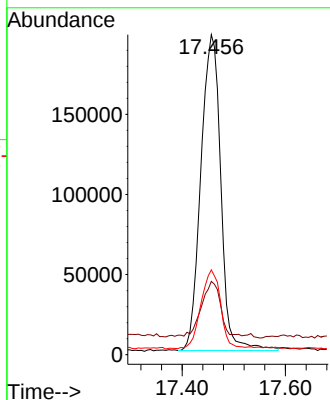
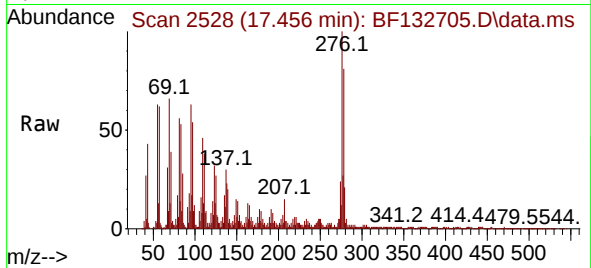




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.607 ng
RT: 17.456 min Scan# 2172
Delta R.T. 0.112 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

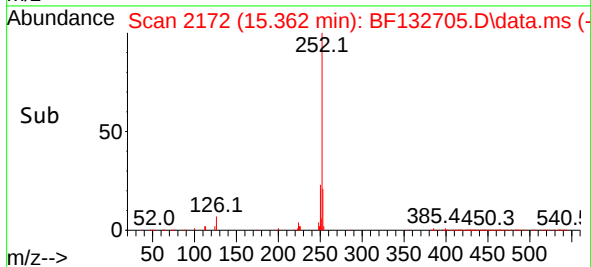
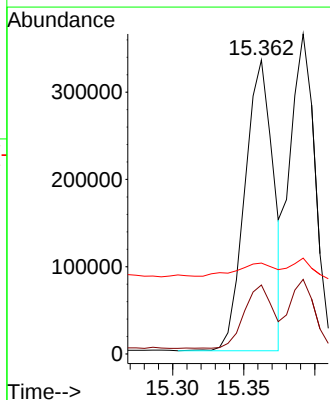
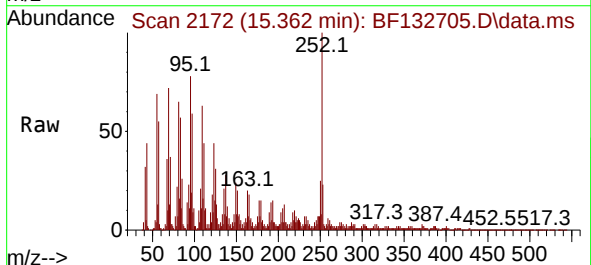
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

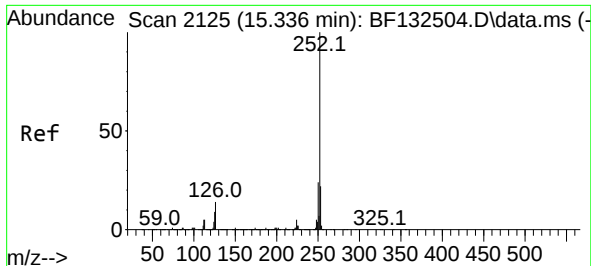
Tgt Ion:276 Resp: 528022
Ion Ratio Lower Upper
276 100
138 15.9 19.0 28.4#
277 24.4 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 44.405 ng
RT: 15.362 min Scan# 2172
Delta R.T. 0.082 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:252 Resp: 464664
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 30.9 7.0 10.6#

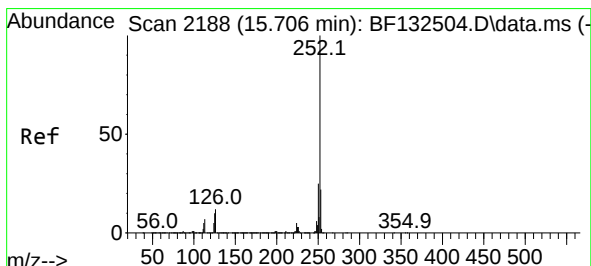
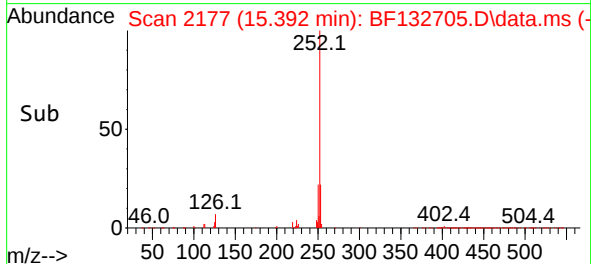
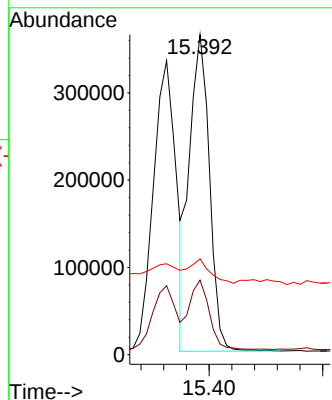
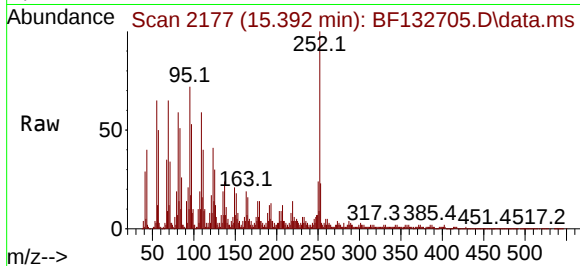




#89
Benzo(k)fluoranthene
Concen: 43.408 ng
RT: 15.392 min Scan# 2125
Delta R.T. 0.076 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

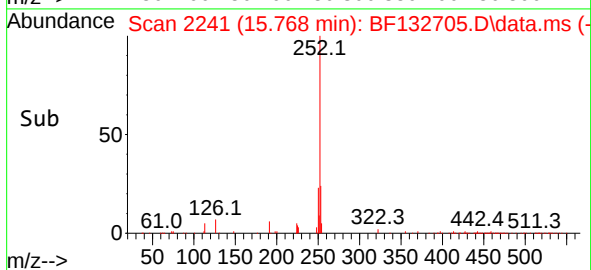
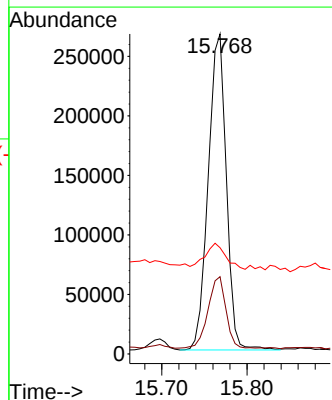
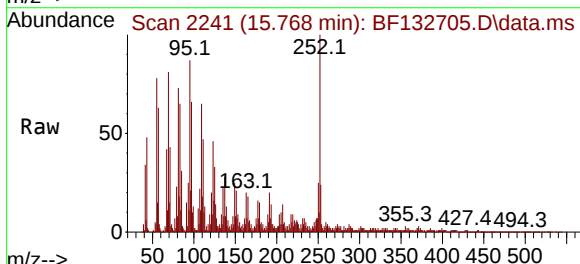
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

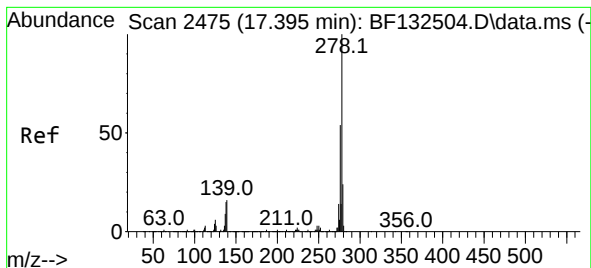
Tgt Ion:252 Resp: 444553
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 29.9 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 39.965 ng
RT: 15.768 min Scan# 2241
Delta R.T. 0.094 min
Lab File: BF132705.D
Acq: 08 Mar 2023 23:11

Tgt Ion:252 Resp: 391402
Ion Ratio Lower Upper
252 100
253 24.1 17.2 25.8
125 33.2 8.0 12.0#





#91

Dibenzo(a,h)anthracene

Concen: 53.408 ng

RT: 17.468 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MSD

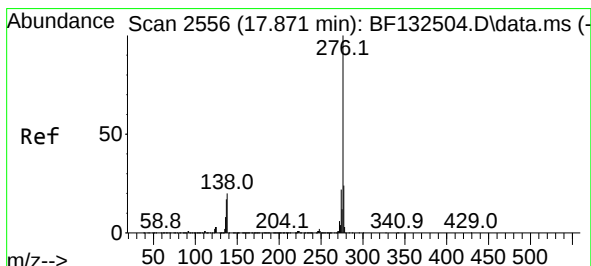
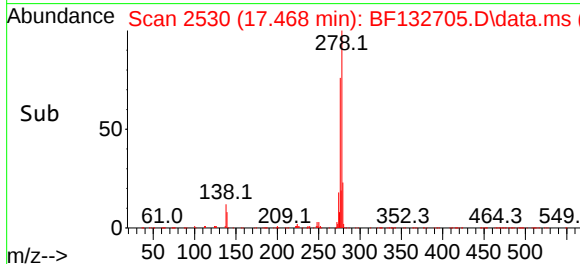
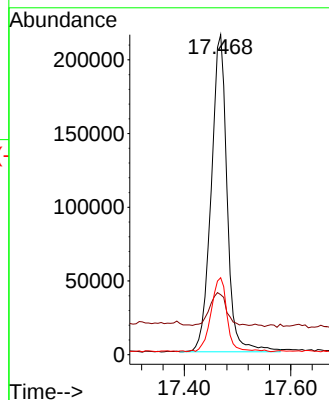
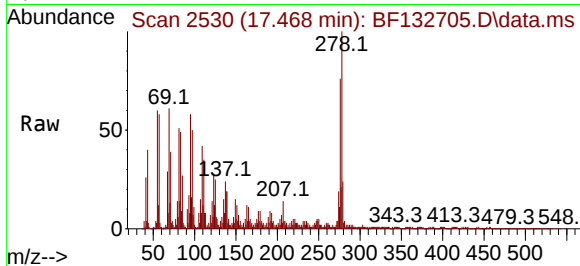
Tgt Ion:278 Resp: 445227

Ion Ratio Lower Upper

278 100

139 18.8 13.0 19.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.812 ng

RT: 17.951 min Scan# 2612

Delta R.T. 0.118 min

Lab File: BF132705.D

Acq: 08 Mar 2023 23:11

Tgt Ion:276 Resp: 421130

Ion Ratio Lower Upper

276 100

277 26.0 18.9 28.3

138 20.8 16.2 24.4

