

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132425.D
 Acq On : 16 Feb 2023 10:10
 Operator : CG\JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Feb 17 01:38:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 01:22:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	177484	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	649382	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	342941	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	673568	20.000	ng	0.00
76) Chrysene-d12	14.236	240	520515	20.000	ng	0.00
86) Perylene-d12	15.801	264	511165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	55306	4.993	ng	0.00
7) Phenol-d6	6.637	99	73681	5.094	ng	-0.01
23) Nitrobenzene-d5	7.584	82	60231	4.457	ng	-0.01
42) 2,4,6-Tribromophenol	10.866	330	14410	4.211	ng	-0.01
45) 2-Fluorobiphenyl	9.389	172	130415	5.873	ng	0.00
79) Terphenyl-d14	13.160	244	139542	4.882	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.902	88	14030	2.341	ng	98
4) n-Nitrosodimethylamine	3.625	42	14411	2.244	ng	# 91
6) Aniline	6.690	93	46894	2.346	ng	92
8) 2-Chlorophenol	6.807	128	27829	2.461	ng	97
9) Benzaldehyde	6.578	77	26253	3.903	ng	98
10) Phenol	6.648	94	38001	2.479	ng	100
11) bis(2-Chloroethyl)ether	6.754	93	32088	2.468	ng	98
12) 1,3-Dichlorobenzene	6.966	146	31736	2.576	ng	99
13) 1,4-Dichlorobenzene	7.048	146	33124	2.696	ng	94
14) 1,2-Dichlorobenzene	7.201	146	30699	2.727	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.295	45	43616	2.413	ng	98
17) 2-Methylphenol	7.266	107	25850	2.401	ng	96
18) Hexachloroethane	7.542	117	10676	2.301	ng	94
19) n-Nitroso-di-n-propyla...	7.425	70	21596	2.436	ng	98
20) 3+4-Methylphenols	7.419	107	32455	2.442	ng	95
22) Acetophenone	7.431	105	44415	2.639	ng	# 94
24) Nitrobenzene	7.607	77	33745	2.277	ng	96
25) Isophorone	7.842	82	60583	2.281	ng	99
27) 2,4-Dimethylphenol	7.954	122	24947	2.413	ng	93
28) bis(2-Chloroethoxy)met...	8.048	93	38206	2.462	ng	95
29) 2,4-Dichlorophenol	8.166	162	21477	2.189	ng	96
30) 1,2,4-Trichlorobenzene	8.254	180	27555	2.525	ng	98
31) Naphthalene	8.337	128	87759	2.604	ng	99
32) Benzoic acid	7.954	122	24947	3.942	ng	# 11
33) 4-Chloroaniline	8.378	127	34632	2.473	ng	96
34) Hexachlorobutadiene	8.448	225	16640	2.415	ng	96
36) 4-Chloro-3-methylphenol	8.854	107	23042	2.099	ng	93
37) 2-Methylnaphthalene	9.031	142	60325	2.660	ng	99
38) 1-Methylnaphthalene	9.131	142	56289	2.642	ng	98
40) 1,2,4,5-Tetrachloroben...	9.195	216	28817	2.593	ng	97
43) 2,4,6-Trichlorophenol	9.301	196	15656	2.139	ng	95
44) 2,4,5-Trichlorophenol	9.342	196	17586	2.063	ng	96
46) 1,1'-Biphenyl	9.489	154	71039	2.676	ng	95
47) 2-Chloronaphthalene	9.519	162	52741	2.532	ng	97
49) Acenaphthylene	9.936	152	83336	2.518	ng	99
50) Dimethylphthalate	9.784	163	60498	2.396	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	10.113	154	50832	2.468	ng	99
53) 3-Nitroaniline	10.019	138	12710	2.016	ng	90
55) Dibenzofuran	10.283	168	81594	2.670	ng	94
58) Fluorene	10.631	166	61720	2.671	ng	98
60) Diethylphthalate	10.483	149	59008	2.377	ng	97
61) 4-Chlorophenyl-phenyle...	10.619	204	31173	2.576	ng	92
62) 4-Nitroaniline	10.631	138	12132	2.062	ng	94
63) Azobenzene	10.778	77	66278	2.413	ng	96
66) n-Nitrosodiphenylamine	10.730	169	51800	2.506	ng	97
67) 4-Bromophenyl-phenylether	11.113	248	17257	2.338	ng	94
68) Hexachlorobenzene	11.178	284	18228	2.362	ng	96
69) Atrazine	11.254	200	12975	2.039	ng	97
71) Phenanthrene	11.595	178	88508	2.551	ng	99
72) Anthracene	11.648	178	89604	2.513	ng	100
73) Carbazole	11.801	167	79327	2.471	ng	97
74) Di-n-butylphthalate	12.125	149	78350	2.049	ng	99
75) Fluoranthene	12.795	202	94937	2.454	ng	97
77) Benzidine	12.913	184	36626	3.304	ng	95
78) Pyrene	13.024	202	98600	2.230	ng	100
81) Benzo(a)anthracene	14.224	228	87677	2.300	ng	98
82) 3,3'-Dichlorobenzidine	14.183	252	21341	2.096	ng #	98
83) Chrysene	14.260	228	87317	2.397	ng	96
88) Benzo(b)fluoranthene	15.324	252	72746	2.164	ng	98
89) Benzo(k)fluoranthene	15.354	252	71920	2.138	ng	98
90) Benzo(a)pyrene	15.724	252	66359	2.124	ng	97

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

Instrument :

BNA F

ClientSampleId :

SSTDICC2.5

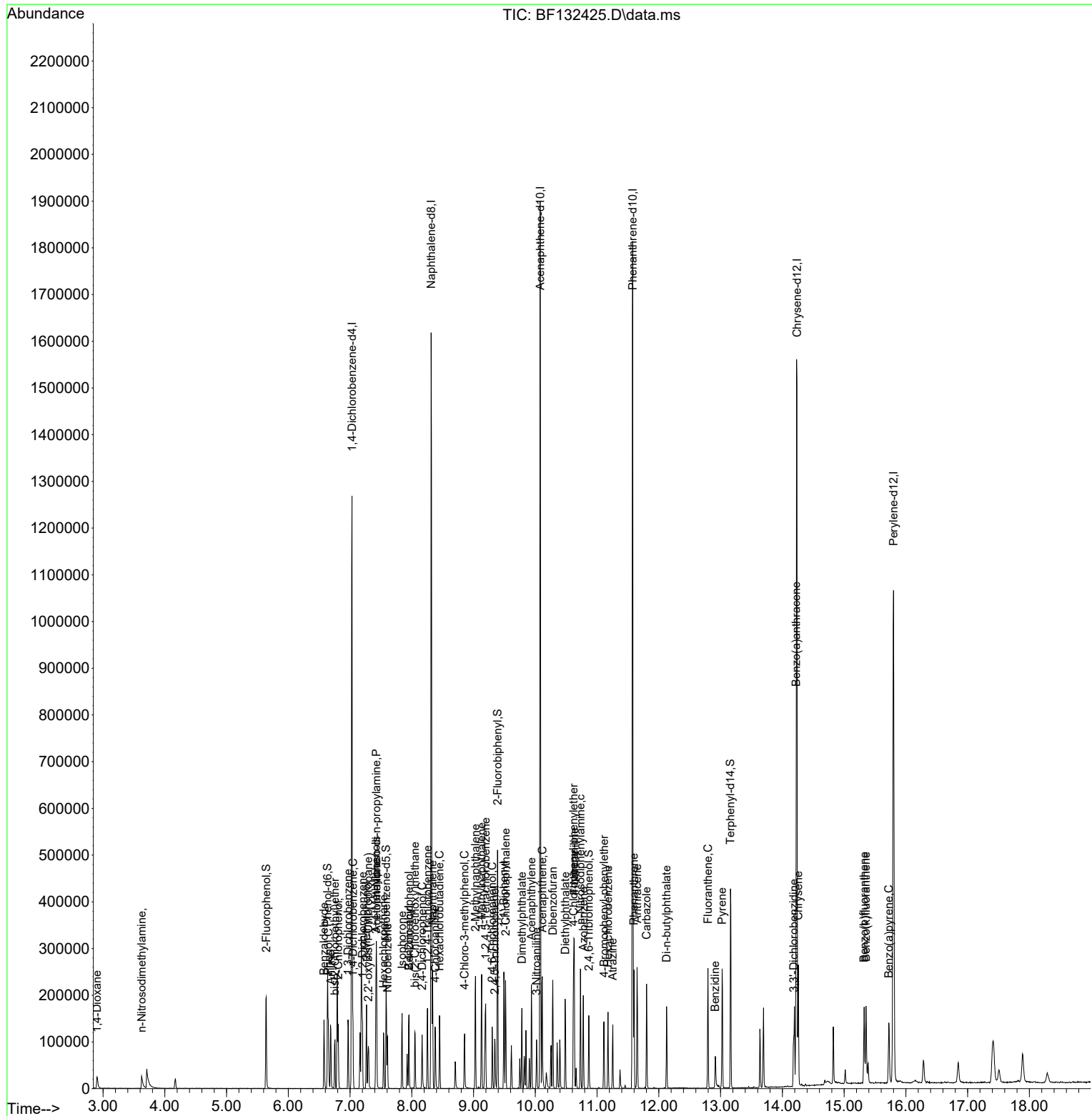
Quant Time: Feb 17 01:38:37 2023

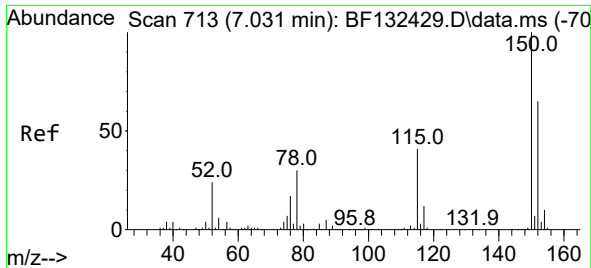
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M

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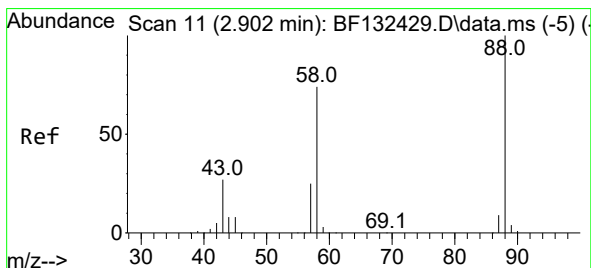
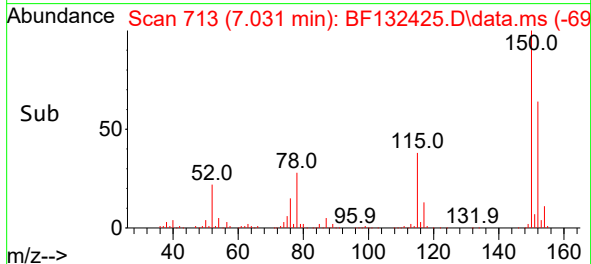
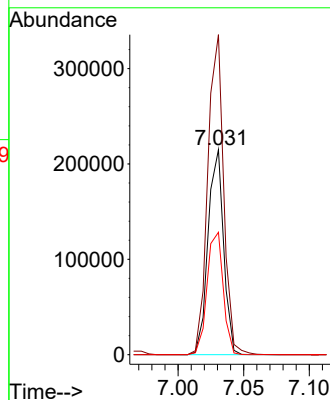
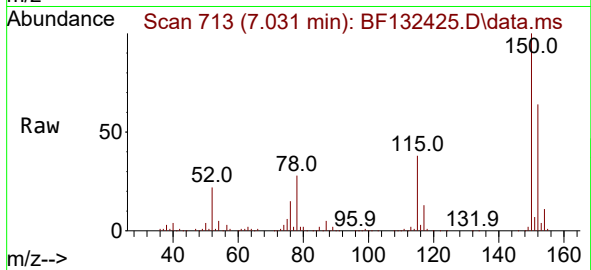




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

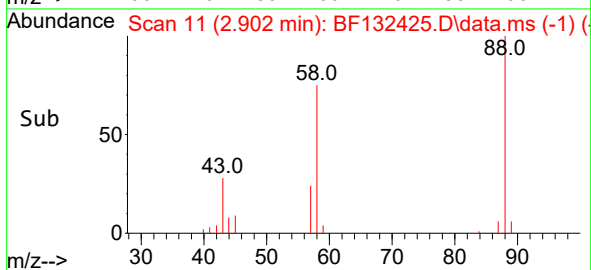
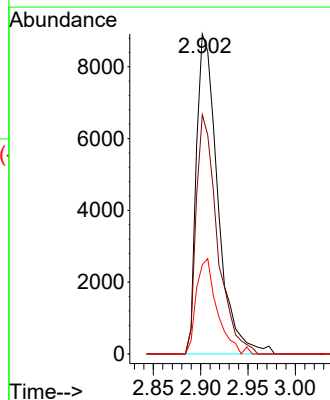
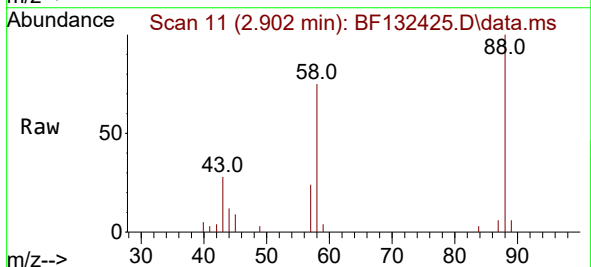
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

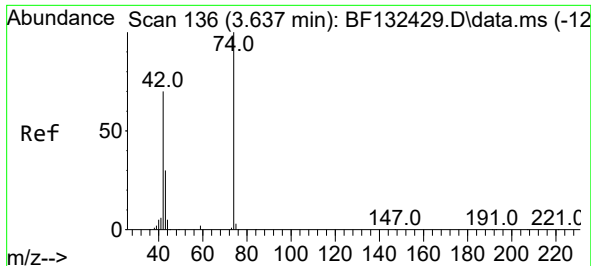
Tgt Ion:152 Resp: 177484
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.8
115 59.7 50.4 75.6



#2
1,4-Dioxane
Concen: 2.341 ng
RT: 2.902 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion: 88 Resp: 14030
Ion Ratio Lower Upper
88 100
58 73.6 60.1 90.1
43 29.0 21.5 32.3

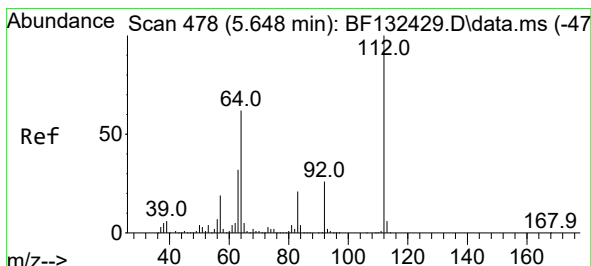
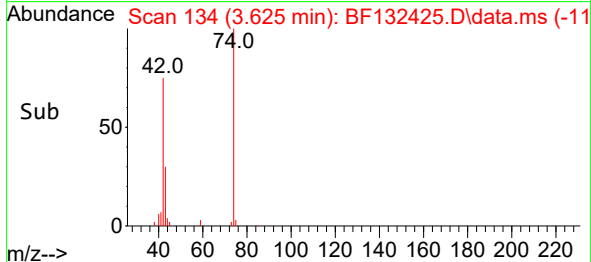
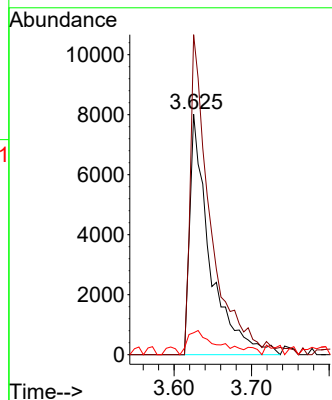
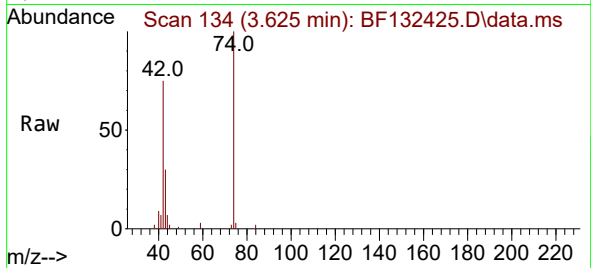




#4
n-Nitrosodimethylamine
Concen: 2.244 ng
RT: 3.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

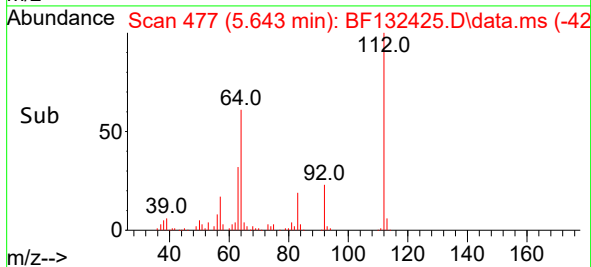
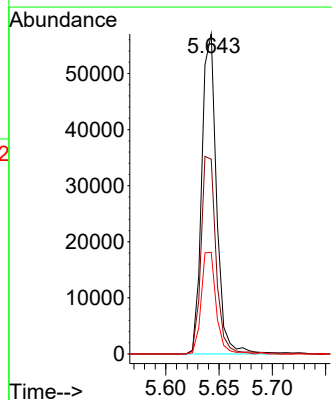
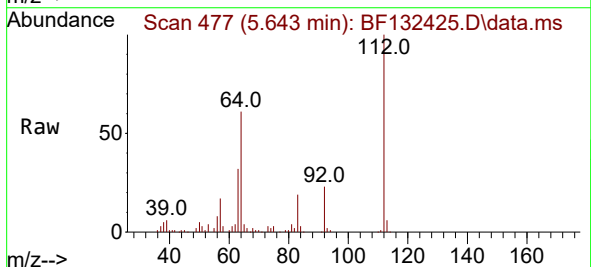
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

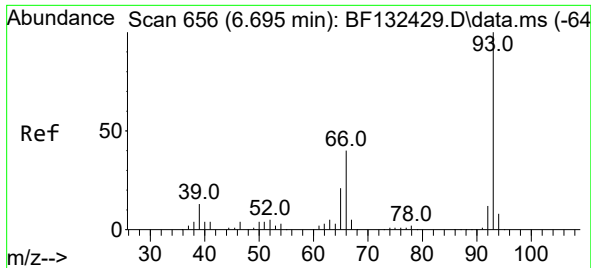
Tgt Ion: 42 Resp: 14411
Ion Ratio Lower Upper
42 100
74 133.1 115.1 172.7
44 9.1 5.7 8.5#



#5
2-Fluorophenol
Concen: 4.993 ng
RT: 5.643 min Scan# 477
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion: 112 Resp: 55306
Ion Ratio Lower Upper
112 100
64 60.8 49.7 74.5
63 31.8 25.8 38.8





#6

Aniline

Concen: 2.346 ng

RT: 6.690 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

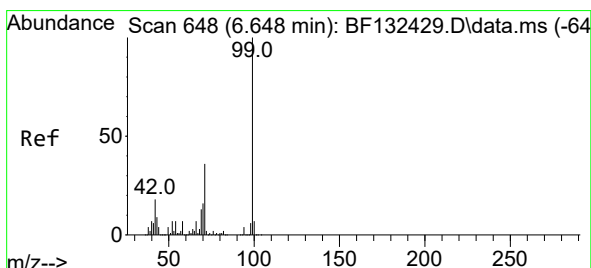
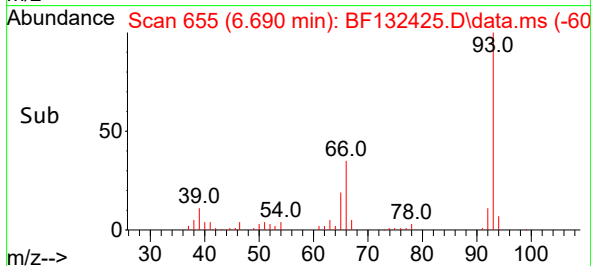
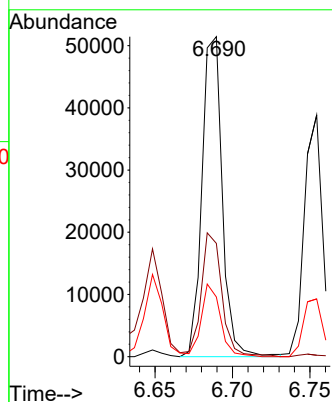
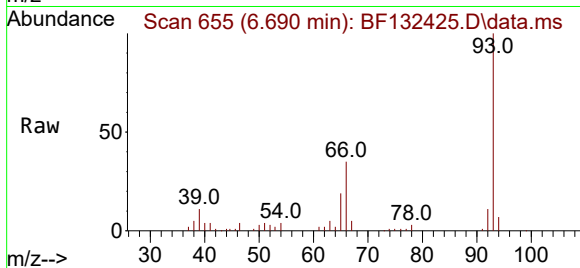
Tgt Ion: 93 Resp: 46894

Ion Ratio Lower Upper

93 100

66 35.4 32.7 49.1

65 18.6 17.1 25.7



#7

Phenol-d6

Concen: 5.094 ng

RT: 6.637 min Scan# 646

Delta R.T. -0.012 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

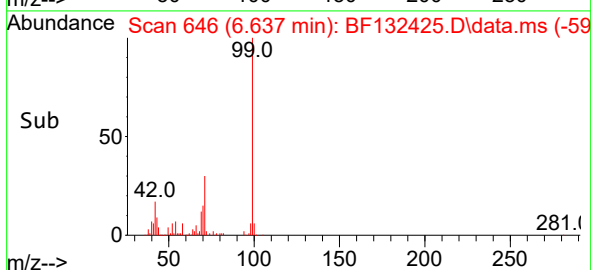
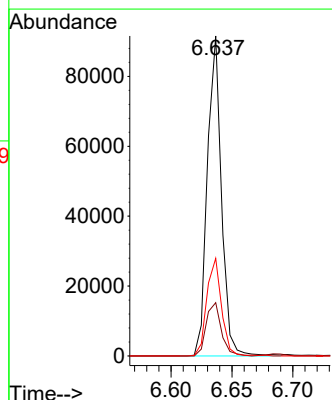
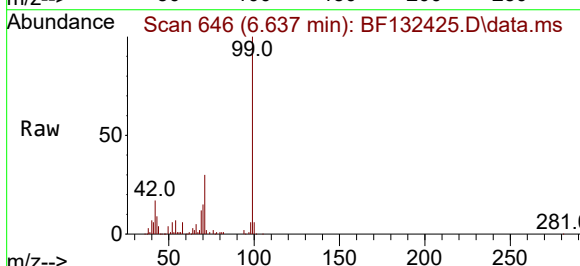
Tgt Ion: 99 Resp: 73681

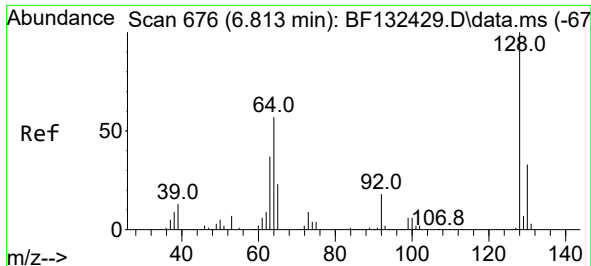
Ion Ratio Lower Upper

99 100

42 16.7 14.6 21.8

71 30.5 28.7 43.1

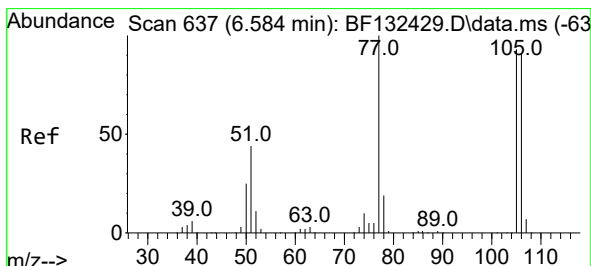
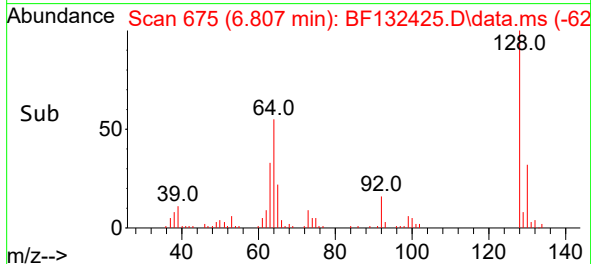
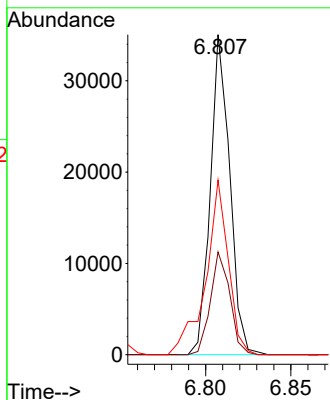
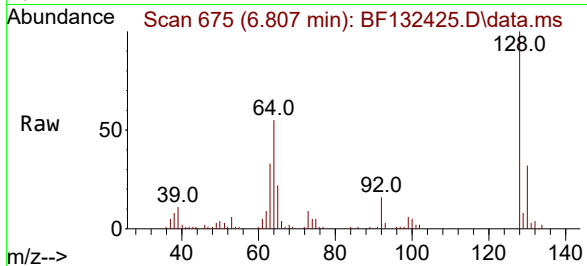




#8
2-Chlorophenol
Concen: 2.461 ng
RT: 6.807 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

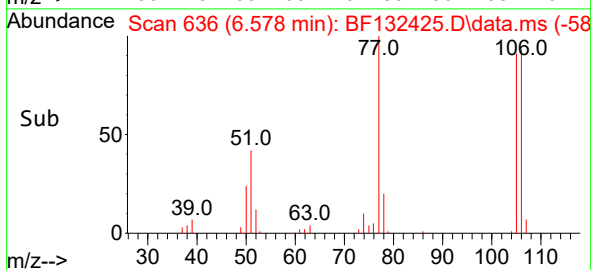
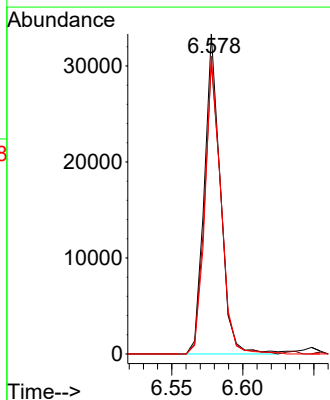
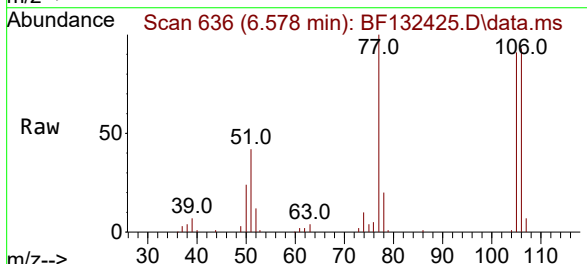
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

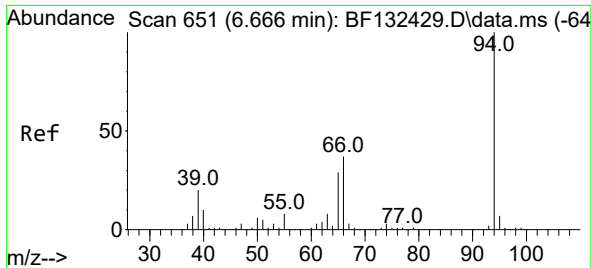
Tgt Ion:128 Resp: 27829
Ion Ratio Lower Upper
128 100
130 32.1 13.0 53.0
64 54.5 37.9 77.9



#9
Benzaldehyde
Concen: 3.903 ng
RT: 6.578 min Scan# 636
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion: 77 Resp: 26253
Ion Ratio Lower Upper
77 100
105 91.0 73.2 113.2
106 93.1 71.5 111.5

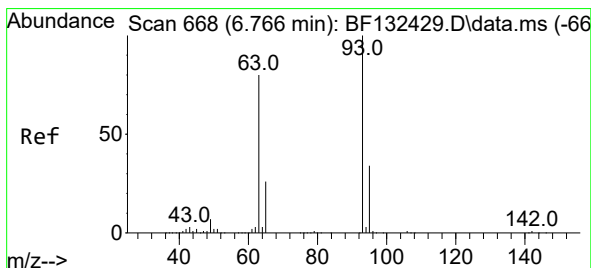
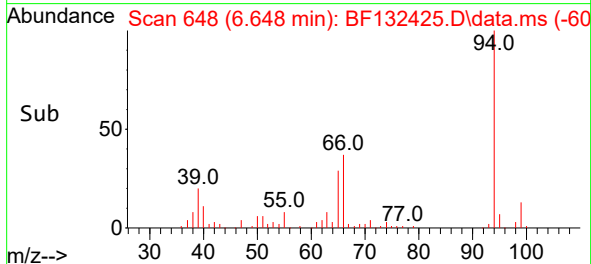
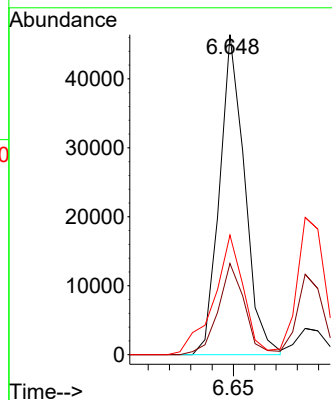
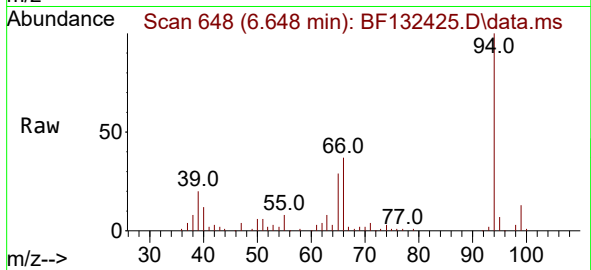




#10
Phenol
Concen: 2.479 ng
RT: 6.648 min Scan# 648
Delta R.T. -0.018 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

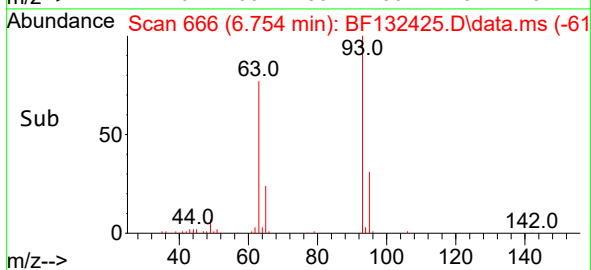
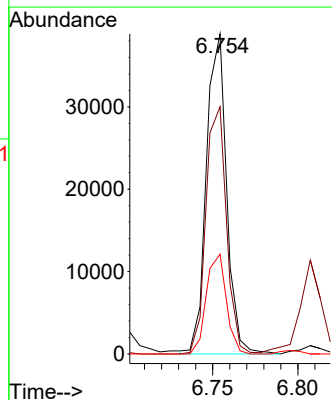
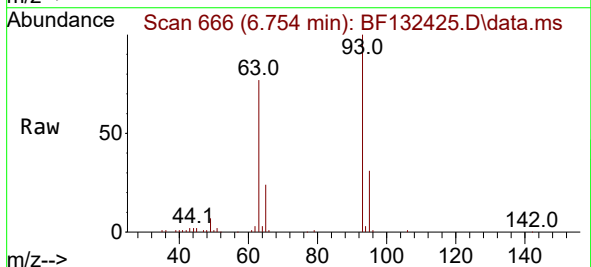
Instrument :
BNA_F
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SSTDICC2.5

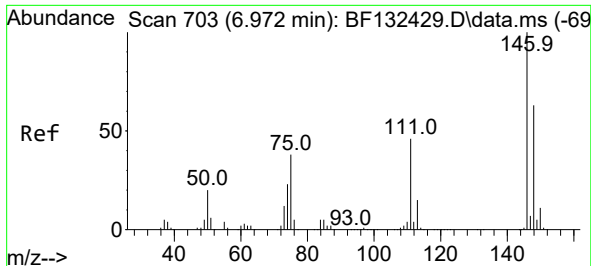
Tgt Ion: 94 Resp: 38001
Ion Ratio Lower Upper
94 100
65 28.5 9.0 49.0
66 37.3 17.4 57.4



#11
bis(2-Chloroethyl)ether
Concen: 2.468 ng
RT: 6.754 min Scan# 666
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion: 93 Resp: 32088
Ion Ratio Lower Upper
93 100
63 77.3 58.6 98.6
95 31.1 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 2.576 ng

RT: 6.966 min Scan# 703

Delta R.T. -0.006 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

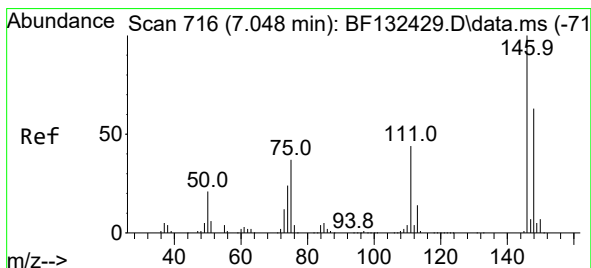
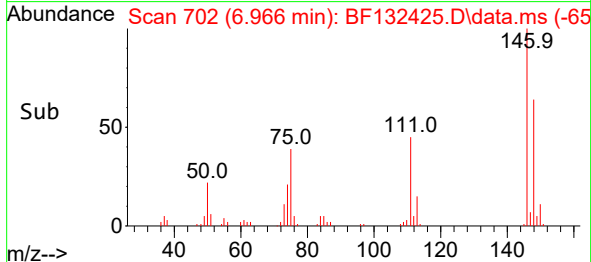
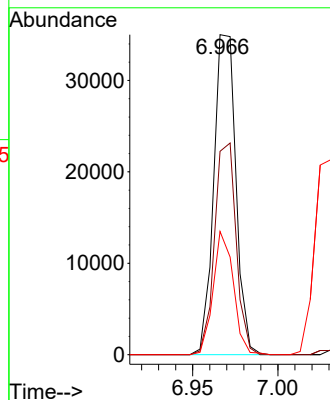
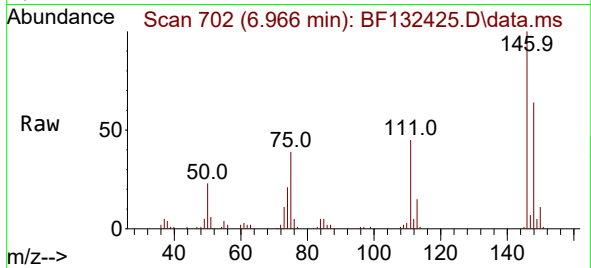
Tgt Ion:146 Resp: 31736

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

75 38.5 30.3 45.5



#13

1,4-Dichlorobenzene

Concen: 2.696 ng

RT: 7.048 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

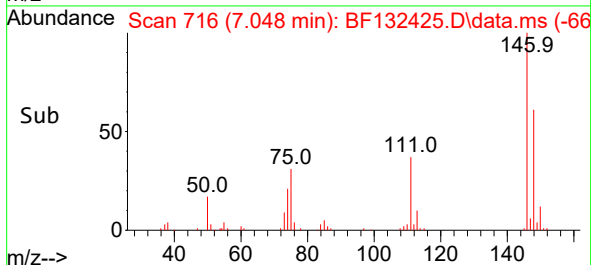
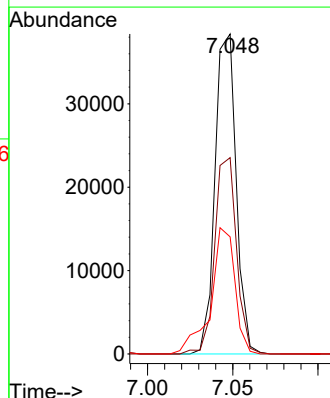
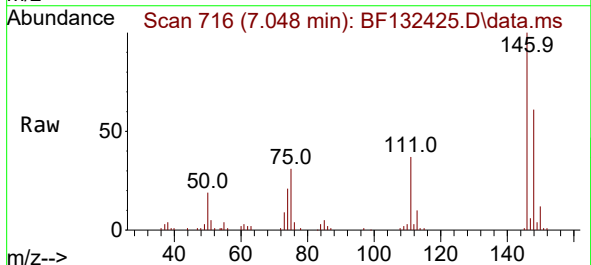
Tgt Ion:146 Resp: 33124

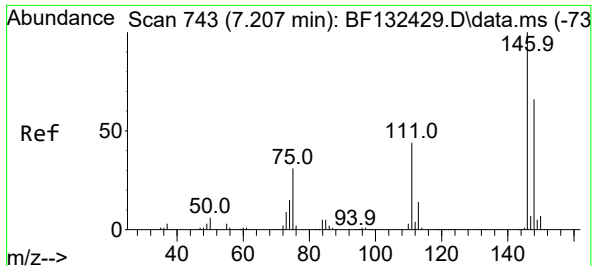
Ion Ratio Lower Upper

146 100

148 61.3 50.6 76.0

111 36.6 35.0 52.4





#14

1,2-Dichlorobenzene

Concen: 2.727 ng

RT: 7.201 min Scan# 743

Delta R.T. -0.006 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

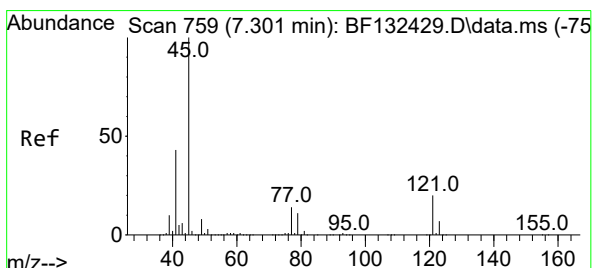
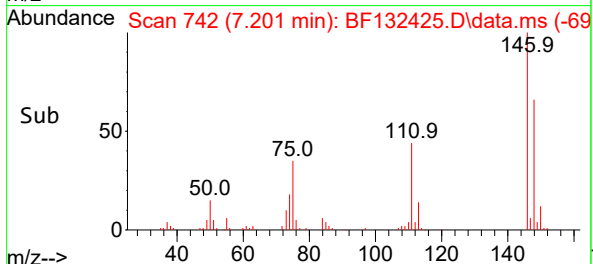
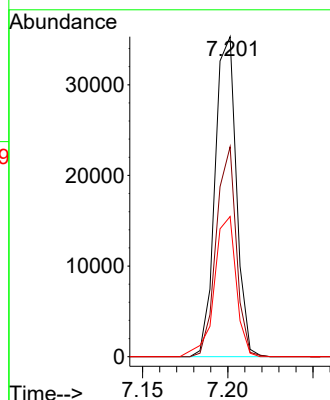
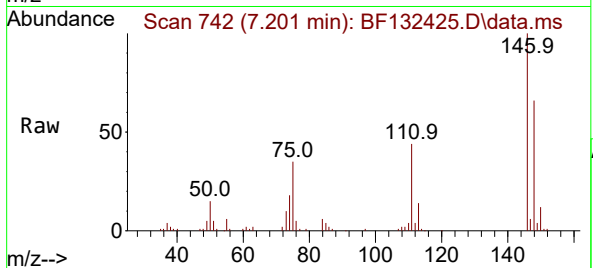
Tgt Ion:146 Resp: 30699

Ion Ratio Lower Upper

146 100

148 65.6 52.4 78.6

111 43.8 35.5 53.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.413 ng

RT: 7.295 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

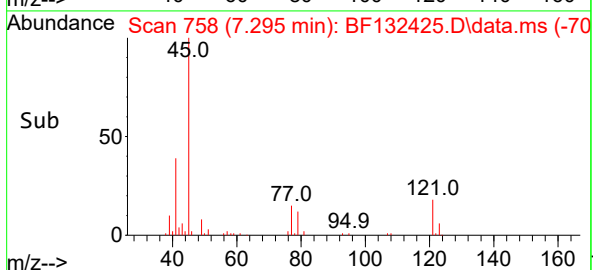
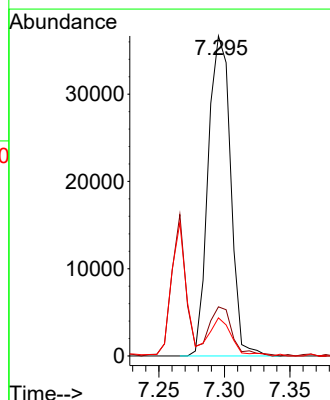
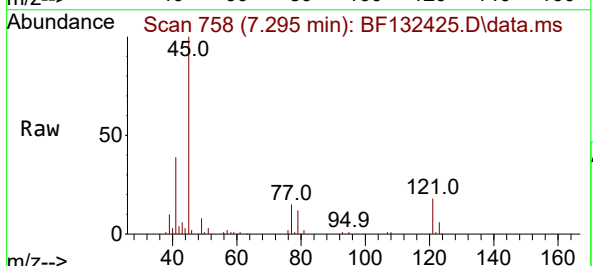
Tgt Ion: 45 Resp: 43616

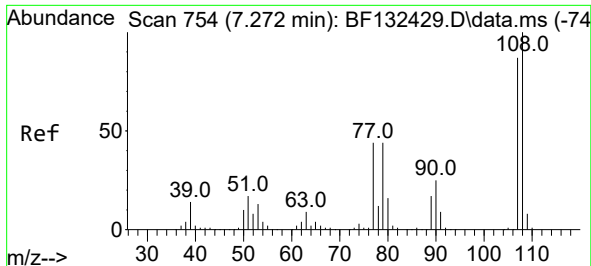
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.3

79 11.9 0.0 31.3

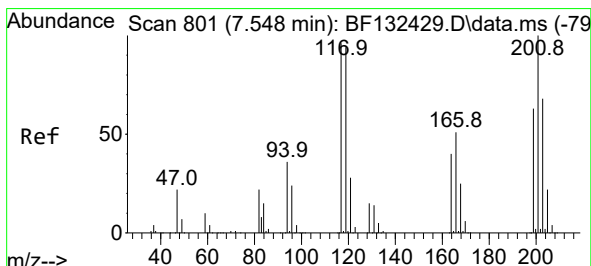
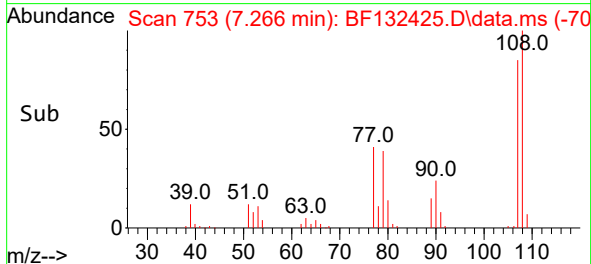
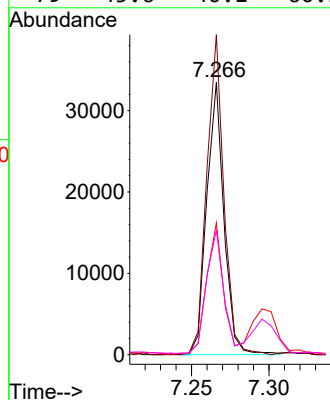
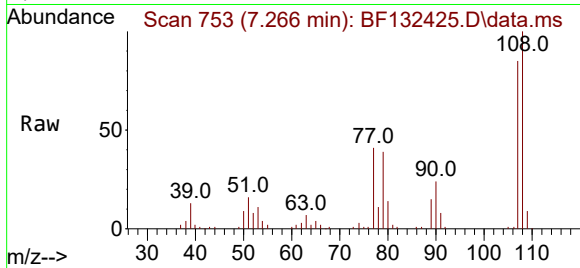




#17
2-Methylphenol
Concen: 2.401 ng
RT: 7.266 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

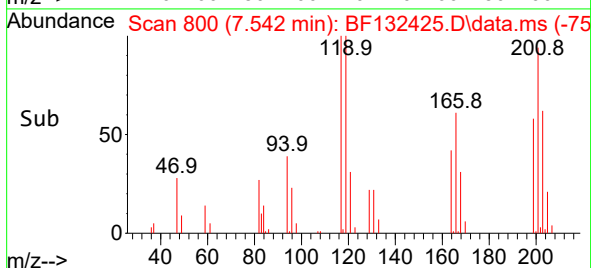
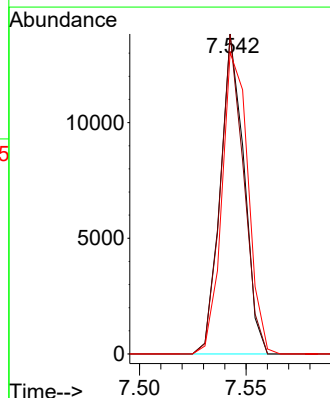
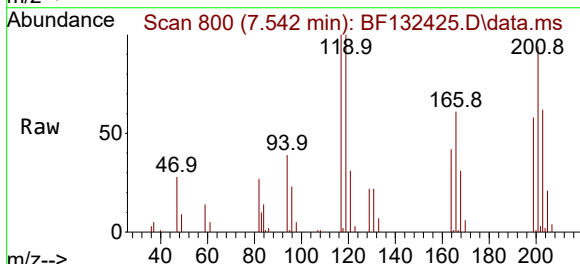
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

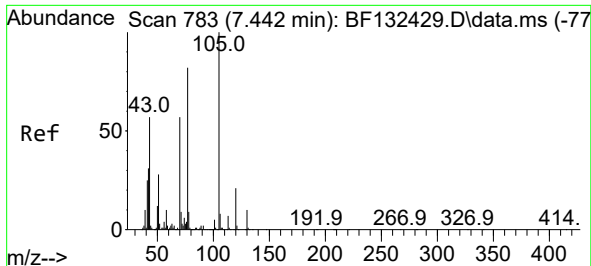
Tgt Ion:	107	Resp:	25850
Ion	Ratio	Lower	Upper
107	100		
108	117.4	91.7	137.5
77	48.4	40.7	61.1
79	45.6	40.1	60.1



#18
Hexachloroethane
Concen: 2.301 ng
RT: 7.542 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:	117	Resp:	10676
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.8	118.2
201	92.8	83.5	125.3

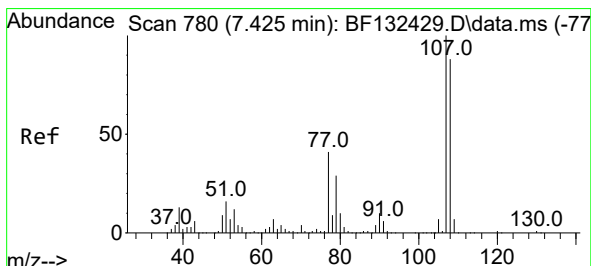
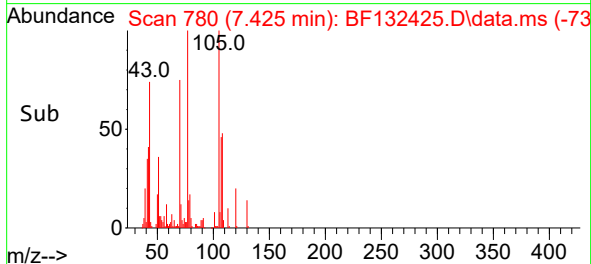
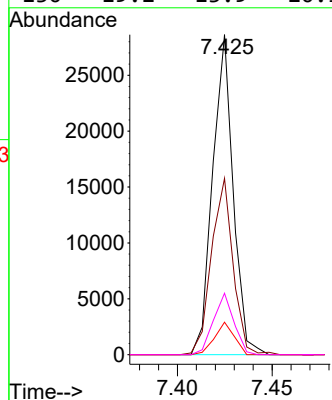
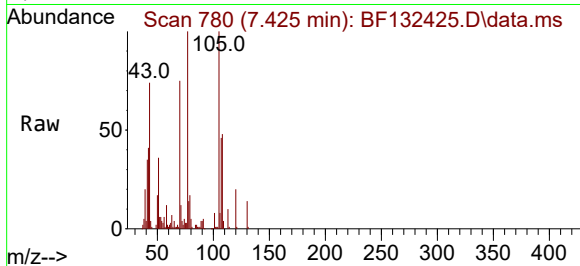




#19
n-Nitroso-di-n-propylamine
Concen: 2.436 ng
RT: 7.425 min Scan# 719
Delta R.T. -0.018 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

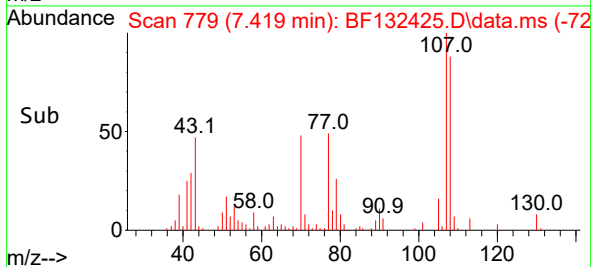
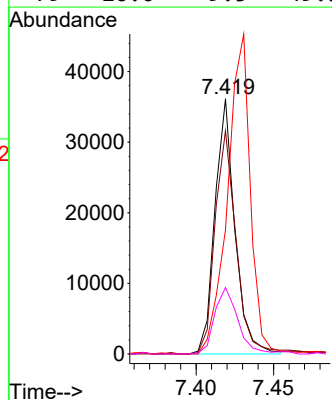
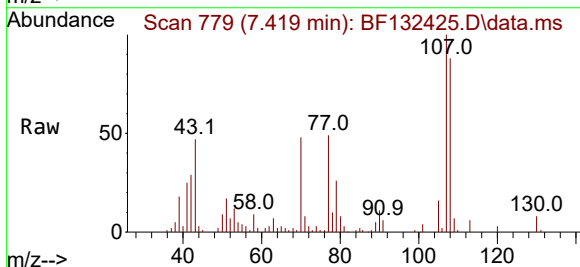
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

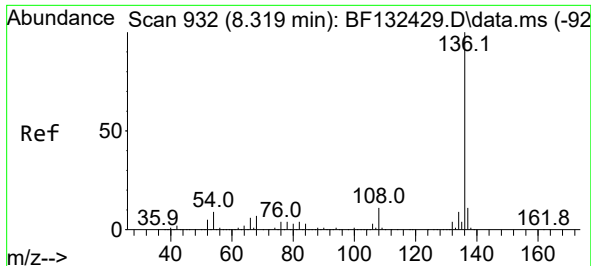
Tgt Ion:	70	Resp:	21596
Ion	Ratio	Lower	Upper
70	100		
42	55.1	43.5	65.3
101	10.2	7.3	10.9
130	19.2	13.9	20.9



#20
3+4-Methylphenols
Concen: 2.442 ng
RT: 7.419 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:	107	Resp:	32455
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.1	108.1
77	48.7	21.3	61.3
79	26.0	9.5	49.5



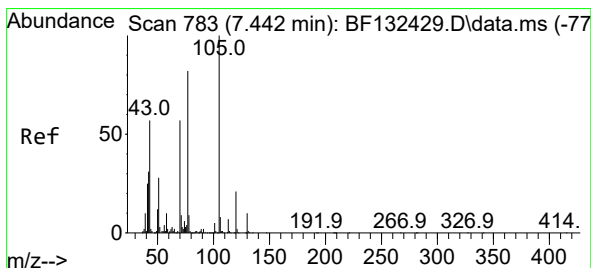
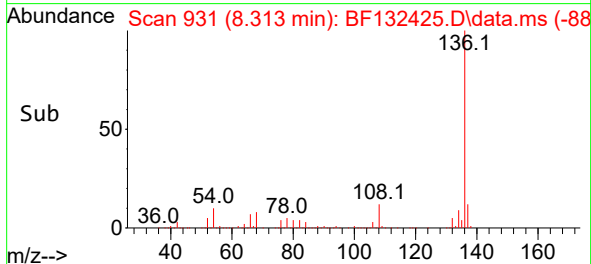
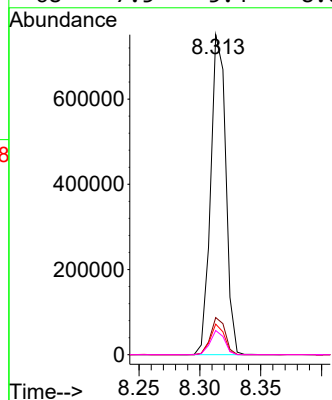
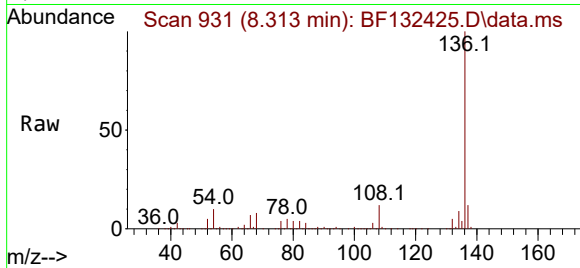


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 649382

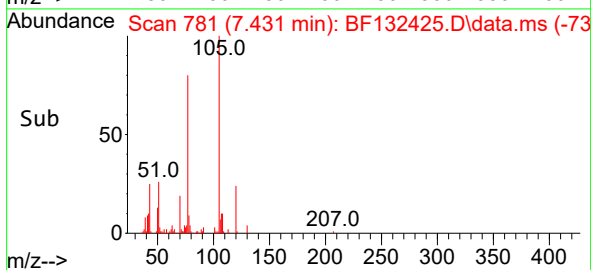
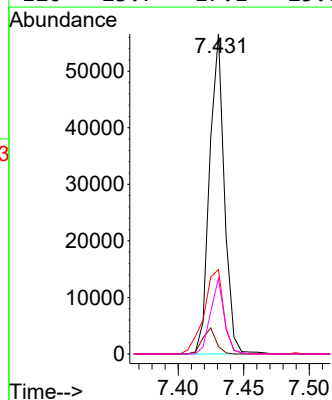
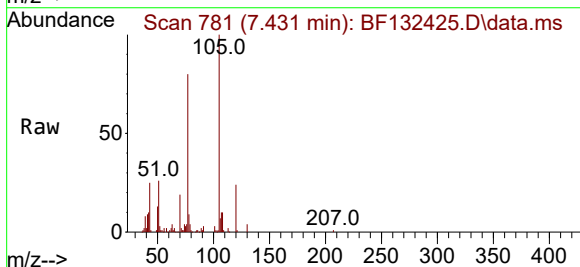
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.6	6.9	10.3
68	7.5	5.4	8.0

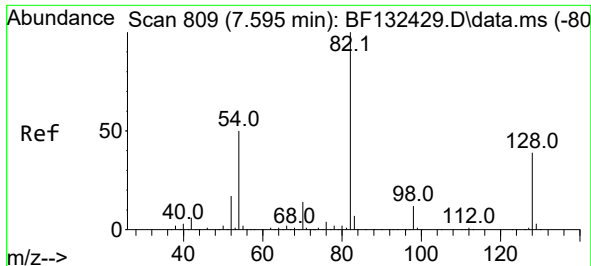


#22
Acetophenone
Concen: 2.639 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:105 Resp: 44415

Ion	Ratio	Lower	Upper
105	100		
71	2.3	7.3	10.9#
51	26.4	22.2	33.2
120	23.7	17.1	25.7





#23

Nitrobenzene-d5

Concen: 4.457 ng

RT: 7.584 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

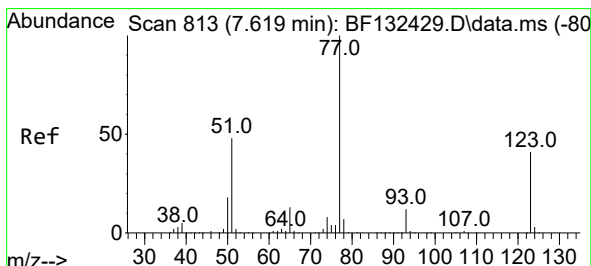
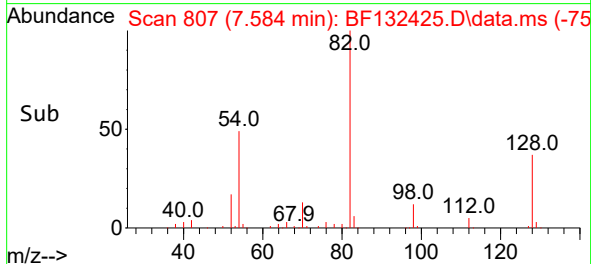
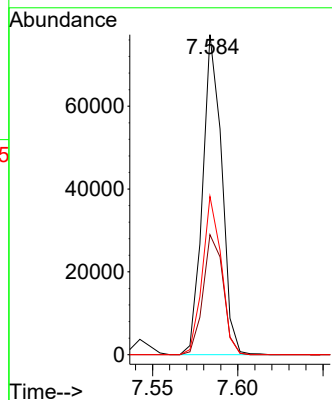
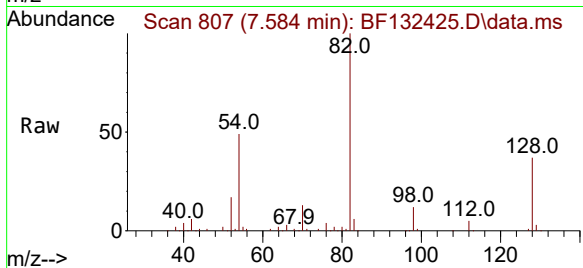
Tgt Ion: 82 Resp: 60231

Ion Ratio Lower Upper

82 100

128 37.5 30.8 46.2

54 49.5 40.2 60.4



#24

Nitrobenzene

Concen: 2.277 ng

RT: 7.607 min Scan# 811

Delta R.T. -0.012 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

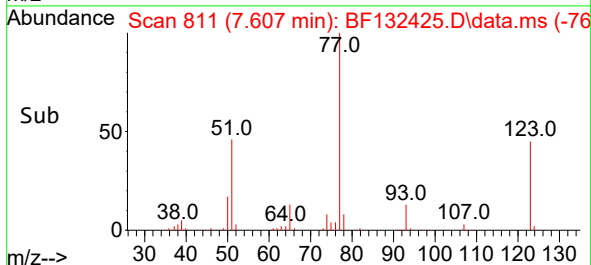
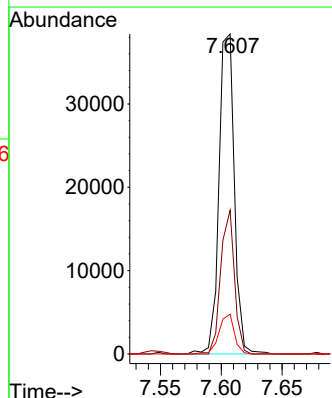
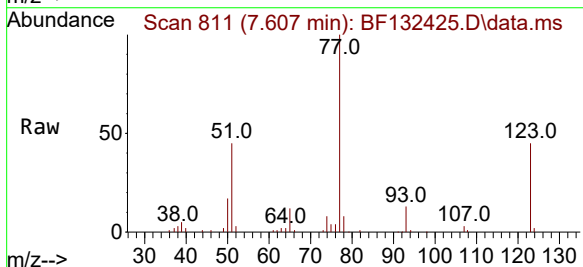
Tgt Ion: 77 Resp: 33745

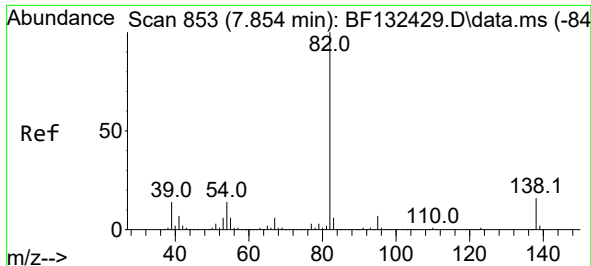
Ion Ratio Lower Upper

77 100

123 44.9 33.2 49.8

65 12.4 10.4 15.6

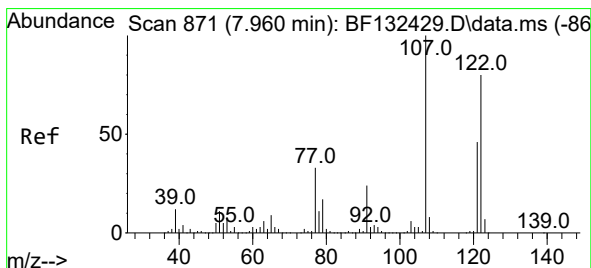
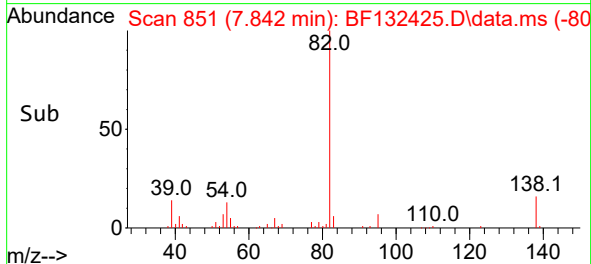
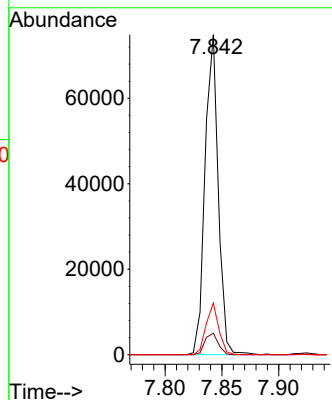
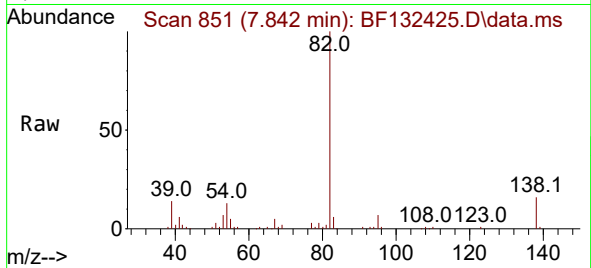




#25
Isophorone
Concen: 2.281 ng
RT: 7.842 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

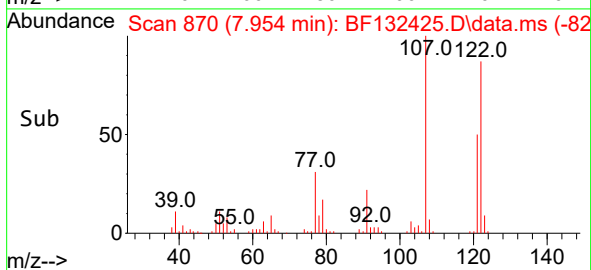
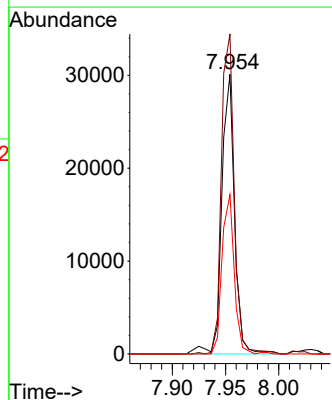
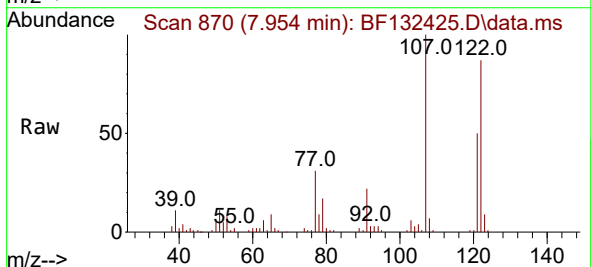
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

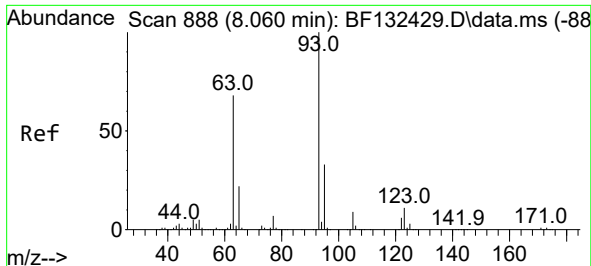
Tgt Ion: 82 Resp: 60583
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 16.1 12.7 19.1



#27
2,4-Dimethylphenol
Concen: 2.413 ng
RT: 7.954 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion: 122 Resp: 24947
Ion Ratio Lower Upper
122 100
107 114.4 99.9 149.9
121 57.0 45.9 68.9

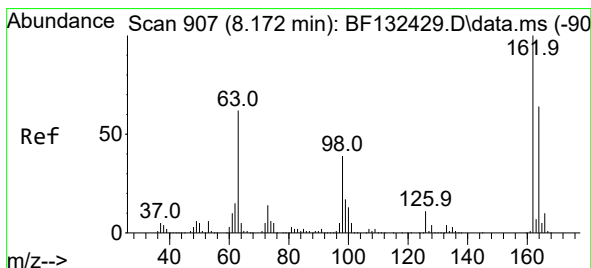
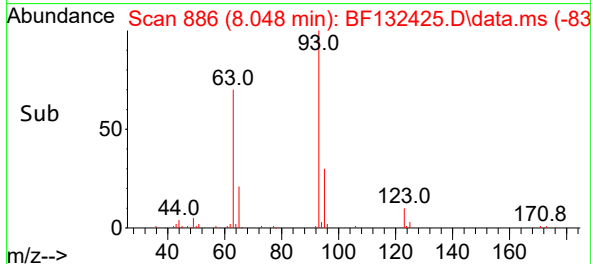
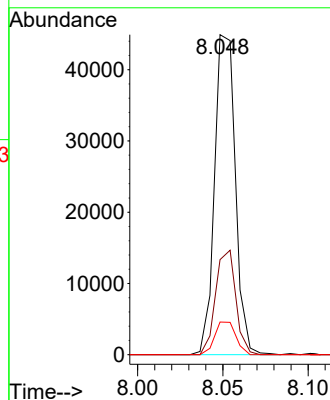
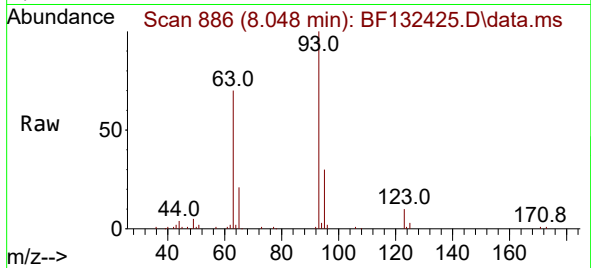




#28
bis(2-Chloroethoxy)methane
Concen: 2.462 ng
RT: 8.048 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

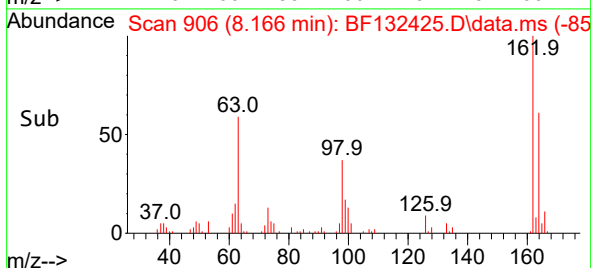
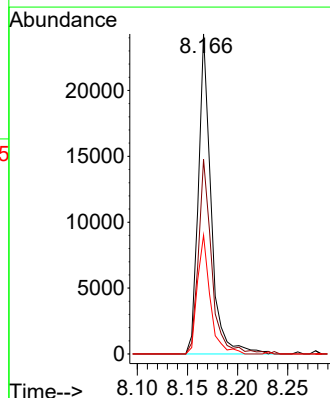
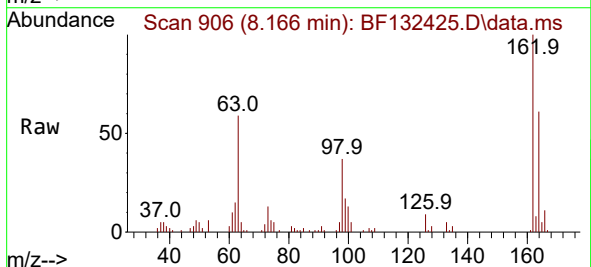
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

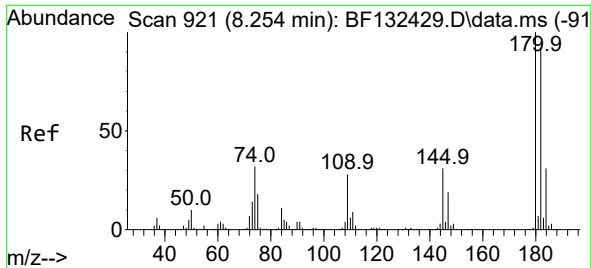
Tgt Ion: 93 Resp: 38206
Ion Ratio Lower Upper
93 100
95 29.7 26.5 39.7
123 10.2 9.0 13.4



#29
2,4-Dichlorophenol
Concen: 2.189 ng
RT: 8.166 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion: 162 Resp: 21477
Ion Ratio Lower Upper
162 100
164 60.8 44.0 84.0
98 37.1 19.3 59.3

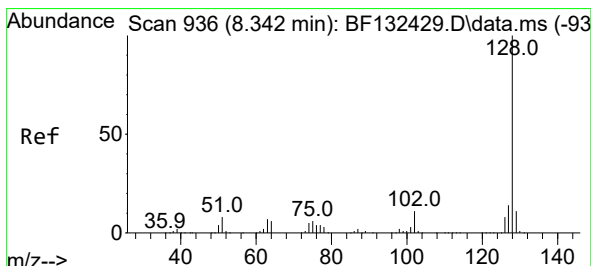
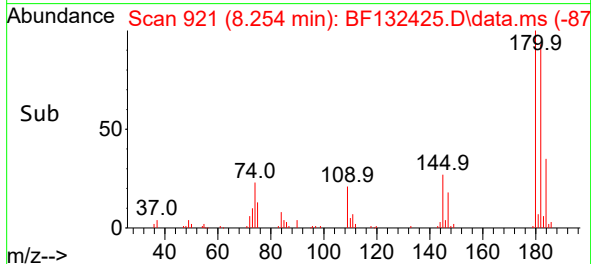
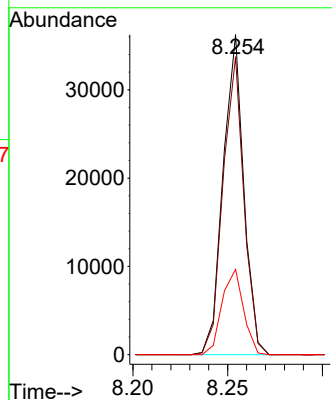
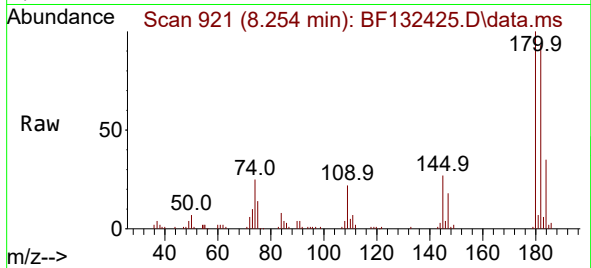




#30
1,2,4-Trichlorobenzene
Concen: 2.525 ng
RT: 8.254 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

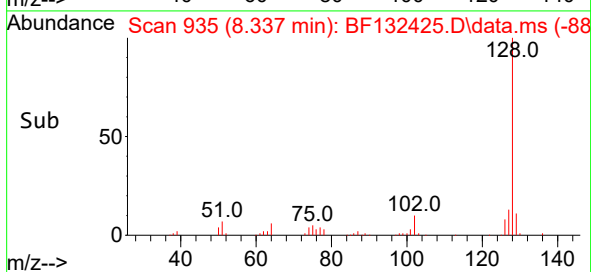
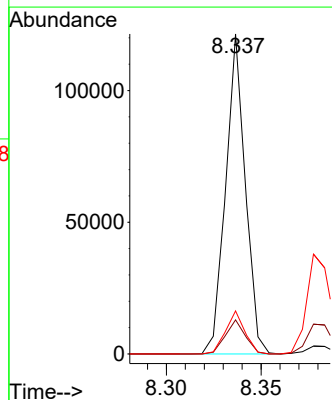
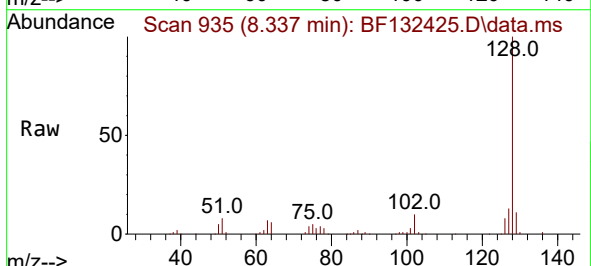
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

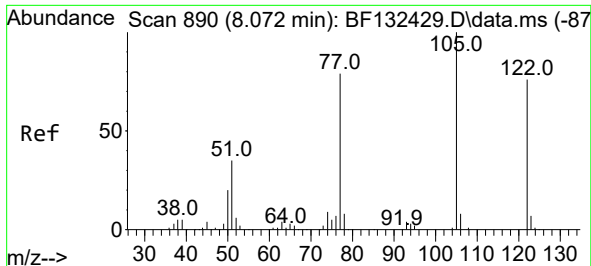
Tgt Ion:180 Resp: 27555
Ion Ratio Lower Upper
180 100
182 93.1 73.8 110.8
145 26.6 24.4 36.6



#31
Naphthalene
Concen: 2.604 ng
RT: 8.337 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:128 Resp: 87759
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.5 11.0 16.4

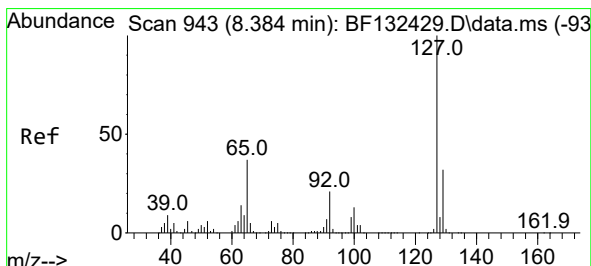
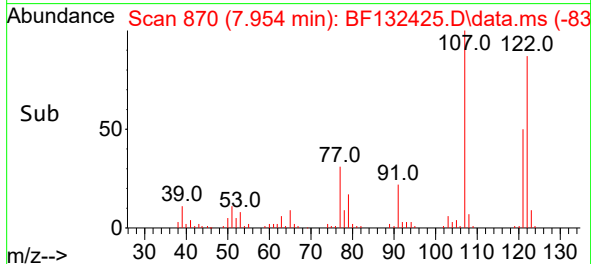
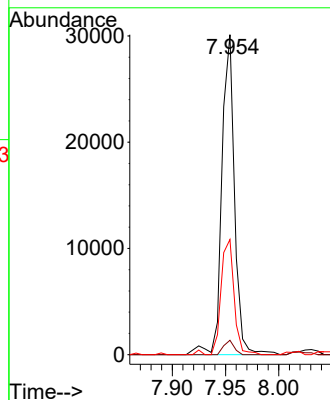
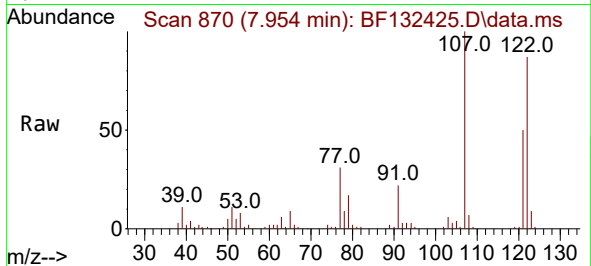




#32
Benzoic acid
Concen: 3.942 ng
RT: 7.954 min Scan# 81
Delta R.T. -0.118 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

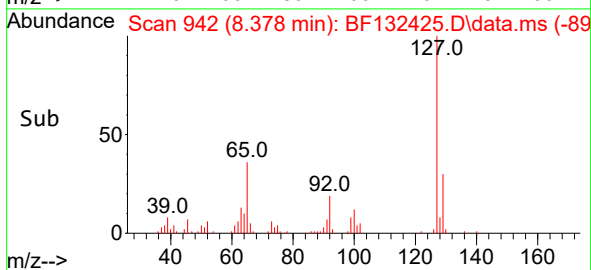
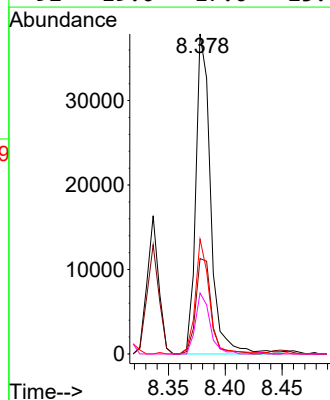
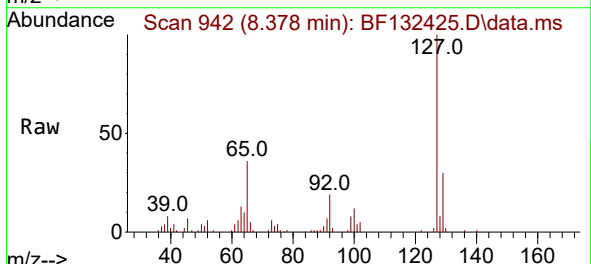
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

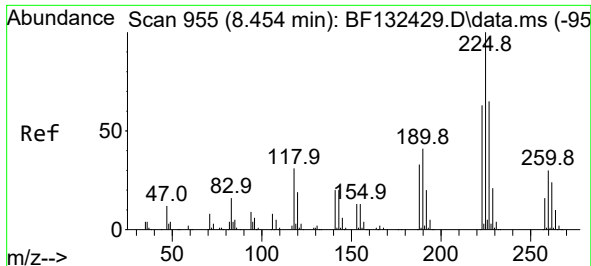
Tgt Ion:122 Resp: 24947
Ion Ratio Lower Upper
122 100
105 4.5 109.7 149.7#
77 36.0 83.8 123.8#



#33
4-Chloroaniline
Concen: 2.473 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:127 Resp: 34632
Ion Ratio Lower Upper
127 100
129 29.8 25.9 38.9
65 35.8 29.8 44.6
92 19.0 17.0 25.4

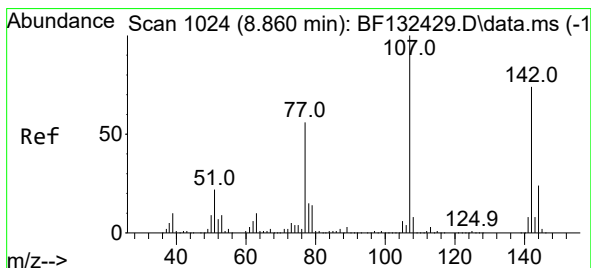
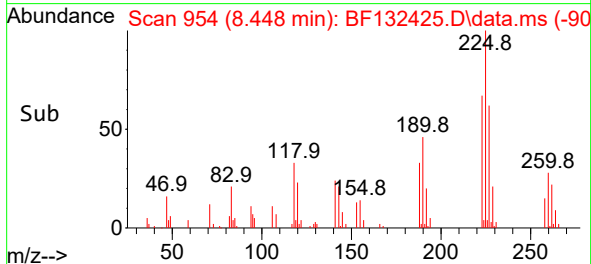
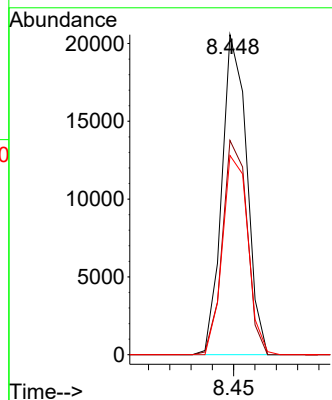
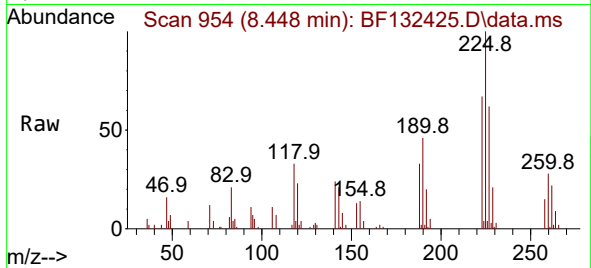




#34
Hexachlorobutadiene
Concen: 2.415 ng
RT: 8.448 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

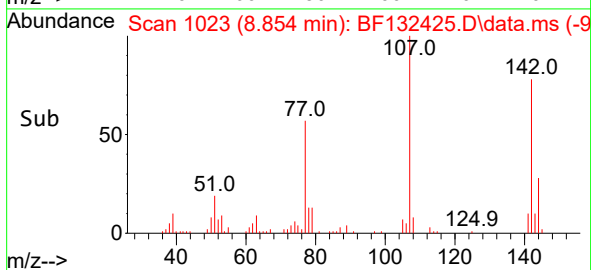
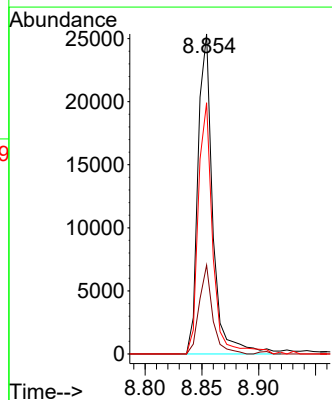
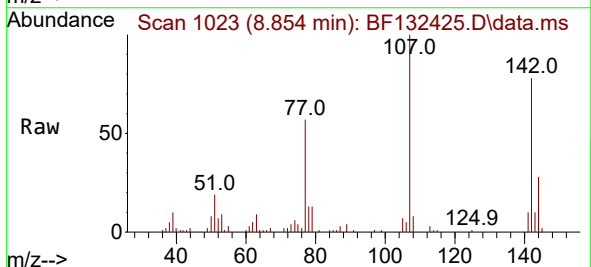
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

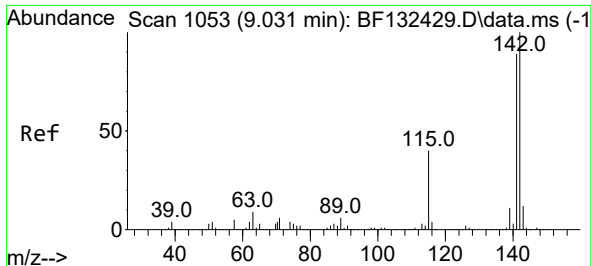
Tgt Ion:225 Resp: 16640
Ion Ratio Lower Upper
225 100
223 67.0 50.6 76.0
227 62.3 52.2 78.4



#36
4-Chloro-3-methylphenol
Concen: 2.099 ng
RT: 8.854 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:107 Resp: 23042
Ion Ratio Lower Upper
107 100
144 27.7 18.8 28.2
142 78.5 58.8 88.2

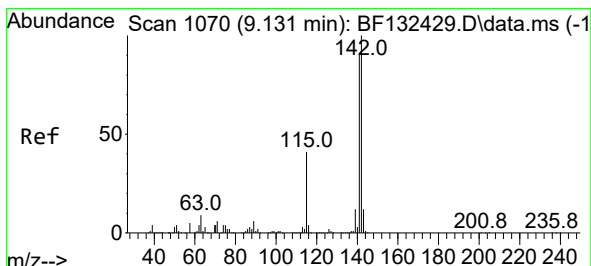
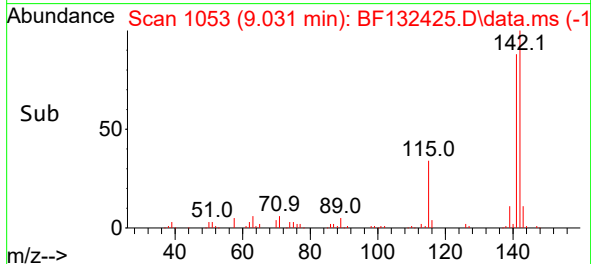
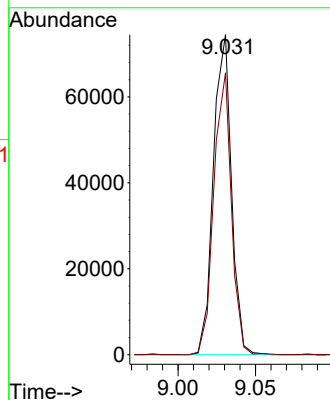
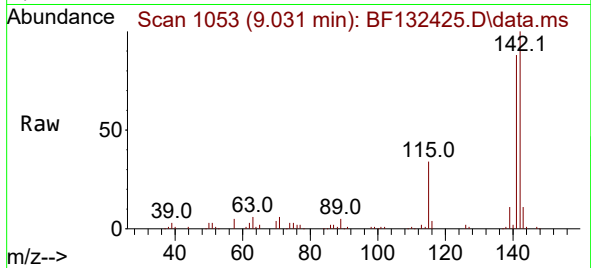




#37
2-Methylnaphthalene
Concen: 2.660 ng
RT: 9.031 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

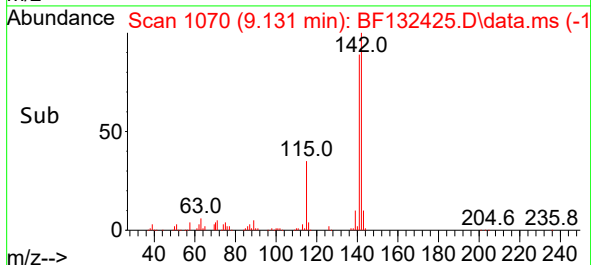
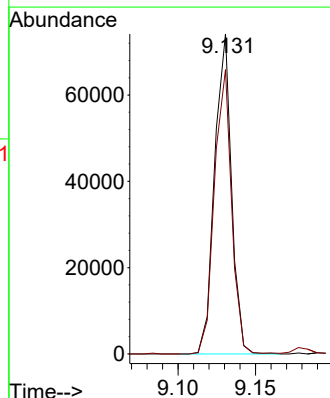
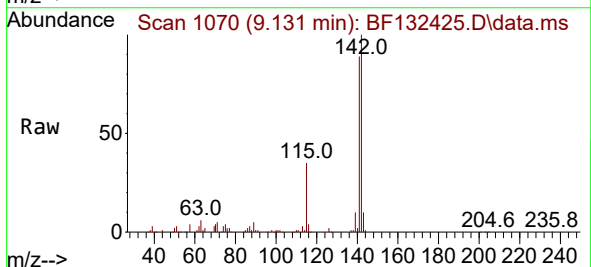
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

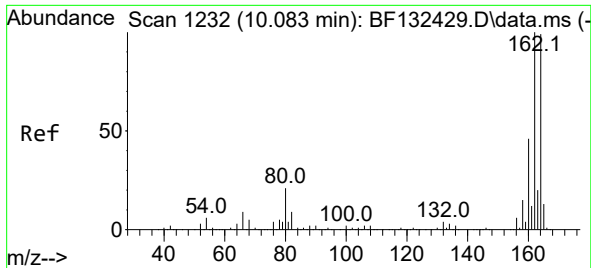
Tgt Ion:142 Resp: 60325
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 2.642 ng
RT: 9.131 min Scan# 1070
Delta R.T. -0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:142 Resp: 56289
Ion Ratio Lower Upper
142 100
141 88.9 72.7 109.1

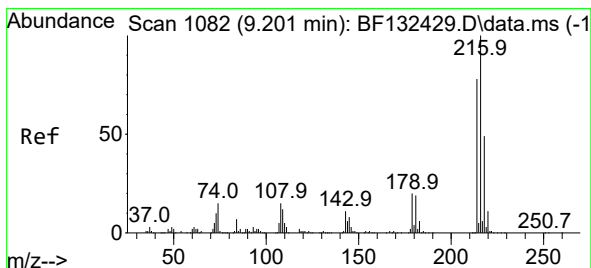
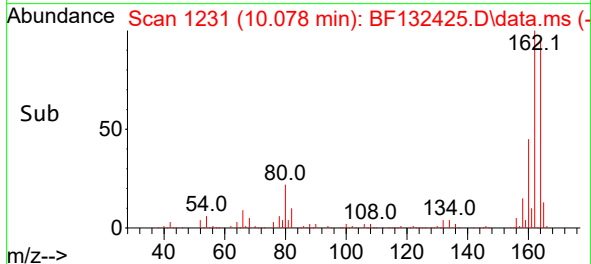
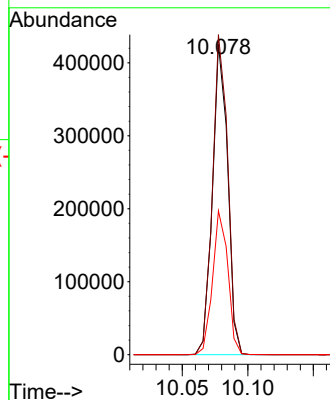
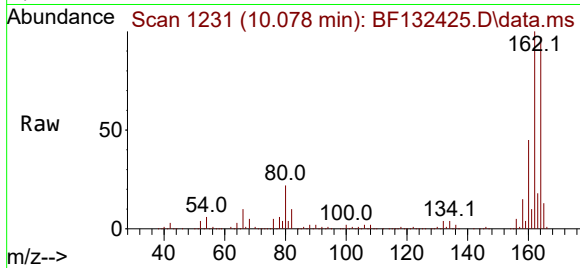




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

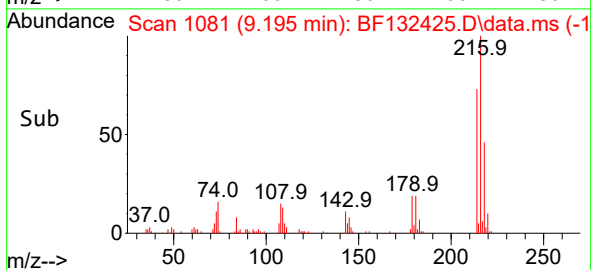
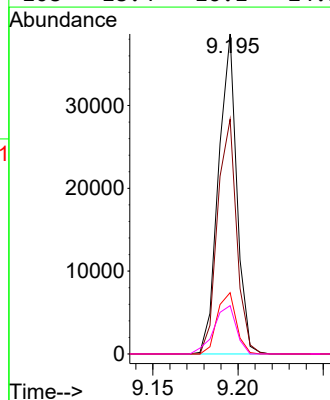
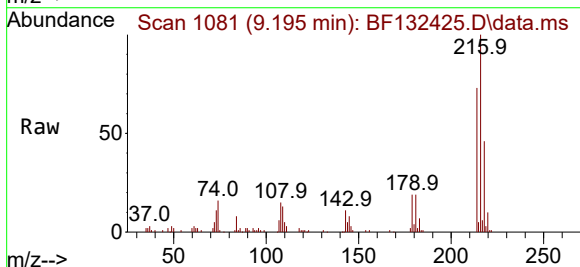
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

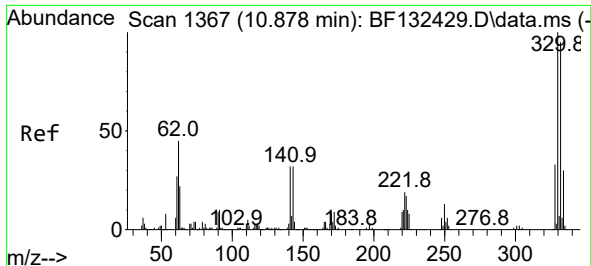
Tgt Ion:164 Resp: 342941
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 46.3 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.593 ng
RT: 9.195 min Scan# 1081
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:216 Resp: 28817
Ion Ratio Lower Upper
216 100
214 76.5 63.4 95.2
179 20.0 16.4 24.6
108 18.4 16.1 24.1





#42

2,4,6-Tribromophenol

Concen: 4.211 ng

RT: 10.866 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

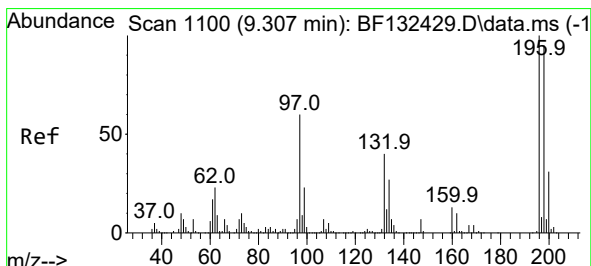
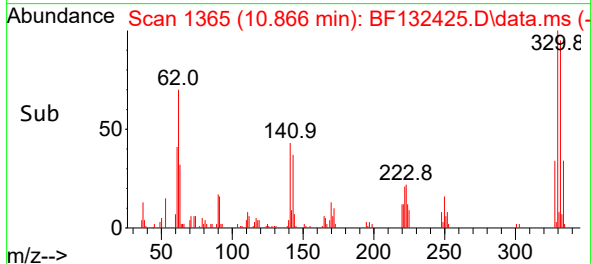
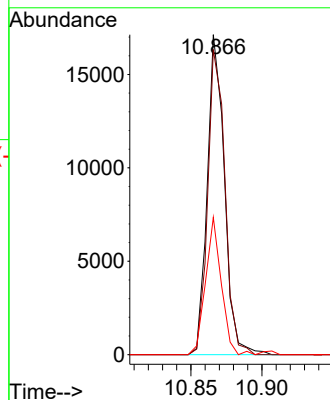
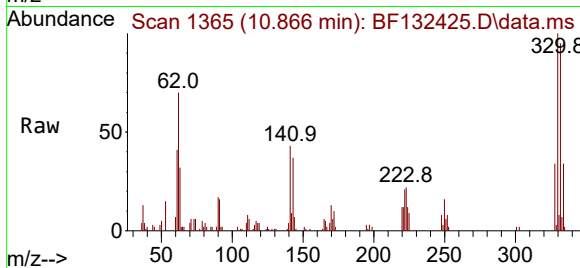
Tgt Ion:330 Resp: 14410

Ion Ratio Lower Upper

330 100

332 95.5 76.3 114.5

141 39.3 30.3 45.5



#43

2,4,6-Trichlorophenol

Concen: 2.139 ng

RT: 9.301 min Scan# 1099

Delta R.T. -0.006 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

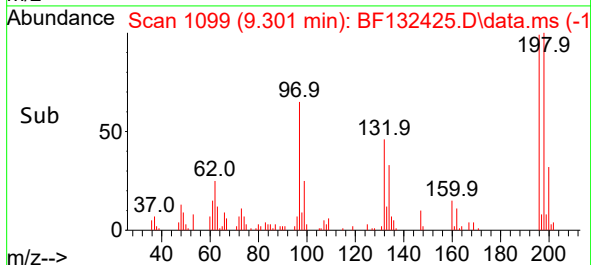
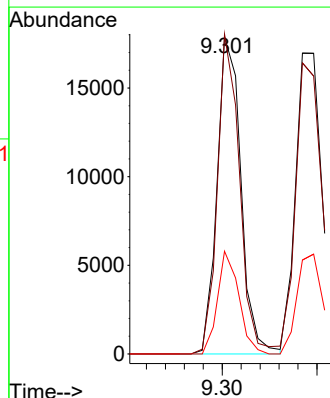
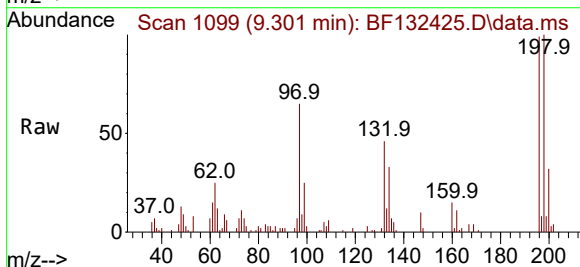
Tgt Ion:196 Resp: 15656

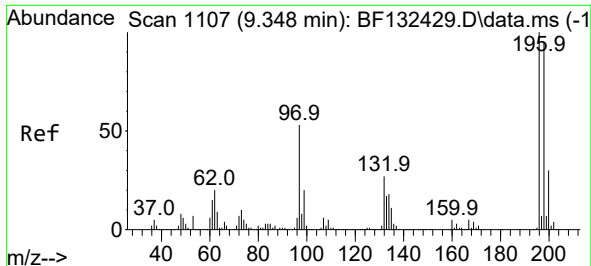
Ion Ratio Lower Upper

196 100

198 100.8 76.3 114.5

200 32.4 24.8 37.2

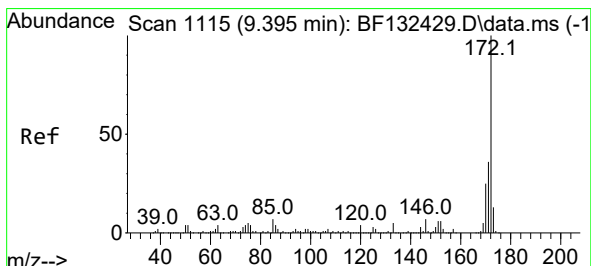
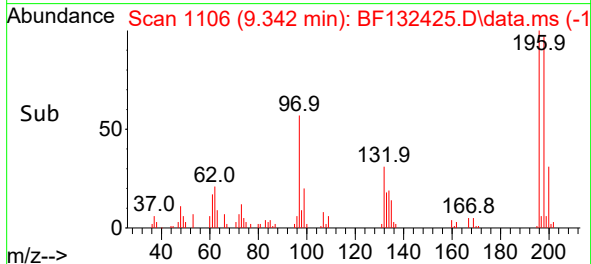
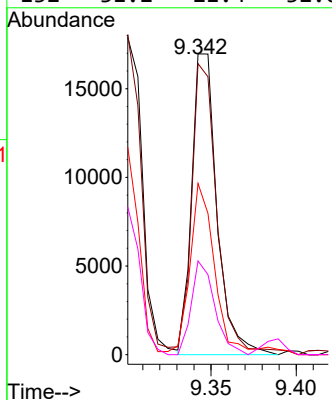
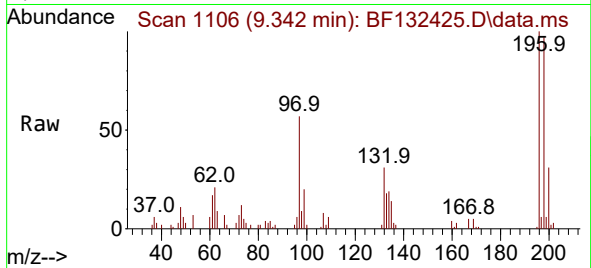




#44
2,4,5-Trichlorophenol
Concen: 2.063 ng
RT: 9.342 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

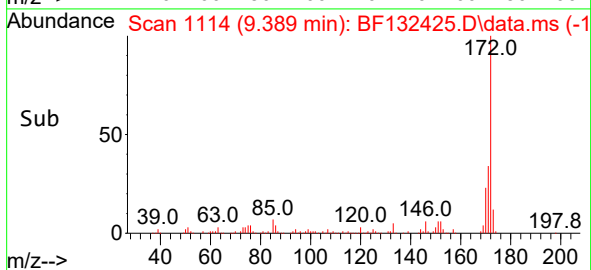
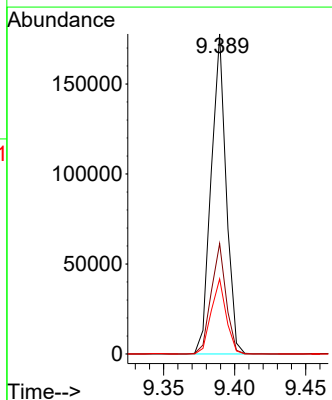
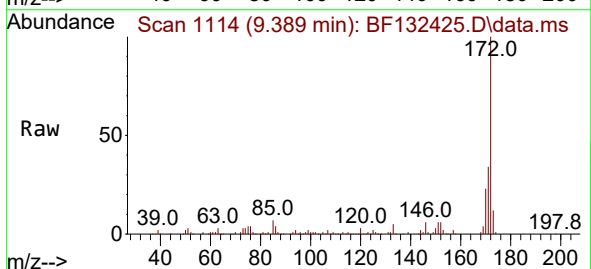
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

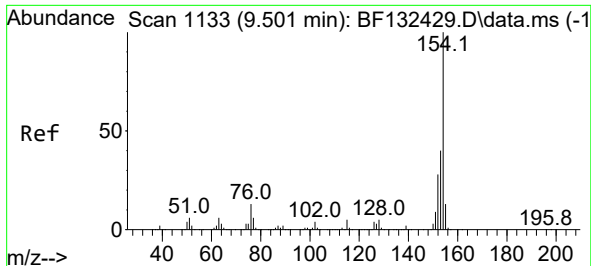
Tgt Ion:196	Resp:	17586
Ion Ratio	Lower	Upper
196	100	
198	96.7	76.2 114.4
97	56.9	42.4 63.6
132	31.2	21.4 32.0



#45
2-Fluorobiphenyl
Concen: 5.873 ng
RT: 9.389 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:172	Resp:	130415
Ion Ratio	Lower	Upper
172	100	
171	34.5	28.6 42.8
170	23.5	19.9 29.9





#46

1,1'-Biphenyl

Concen: 2.676 ng

RT: 9.489 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

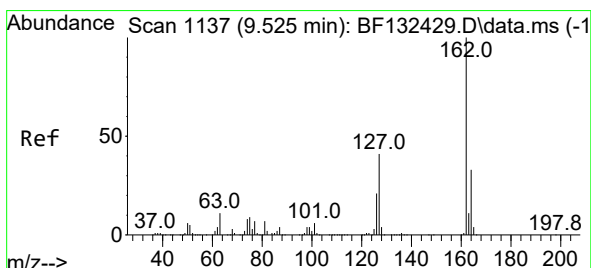
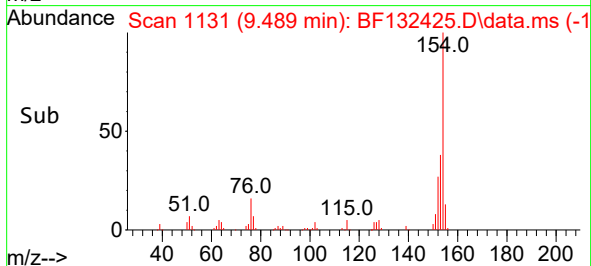
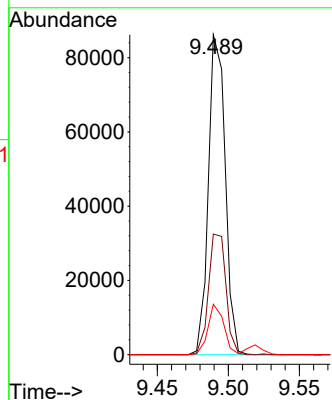
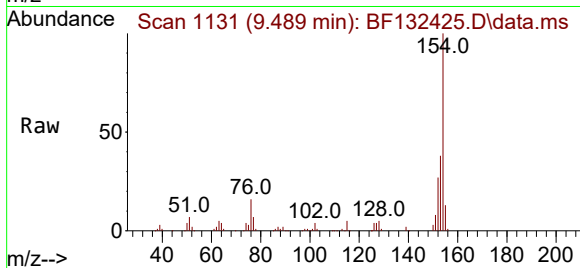
Tgt Ion:154 Resp: 71039

Ion Ratio Lower Upper

154 100

153 37.7 20.2 60.2

76 15.8 0.0 33.3



#47

2-Chloronaphthalene

Concen: 2.532 ng

RT: 9.519 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

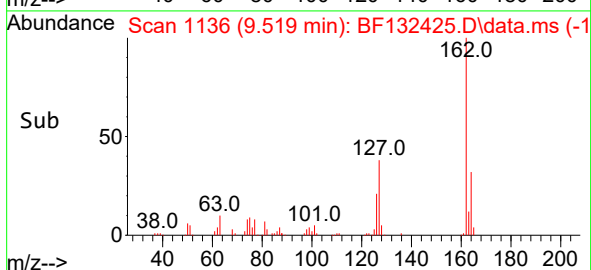
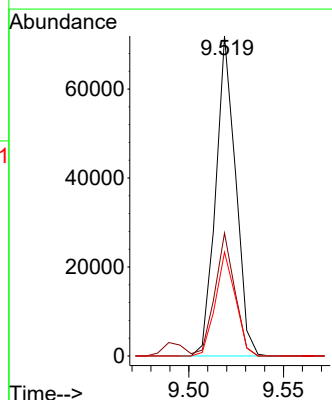
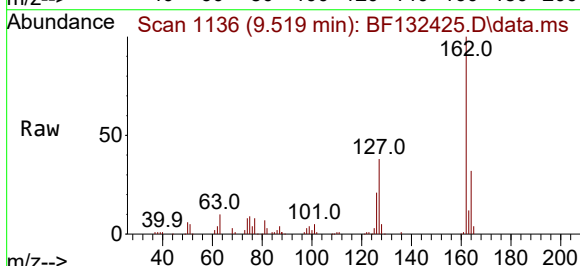
Tgt Ion:162 Resp: 52741

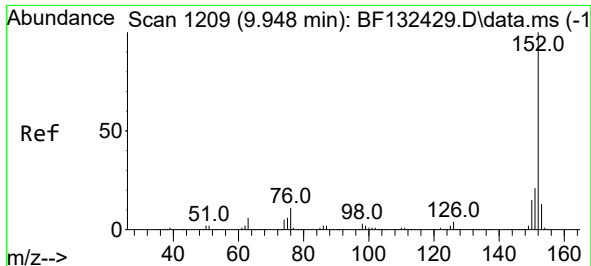
Ion Ratio Lower Upper

162 100

127 38.4 33.0 49.4

164 32.5 26.6 39.8

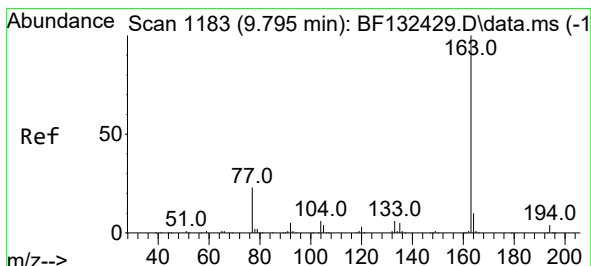
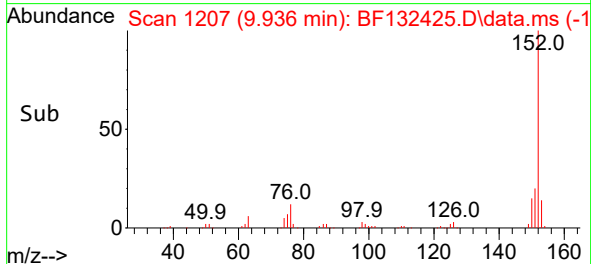
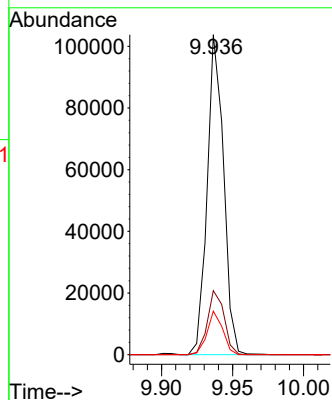
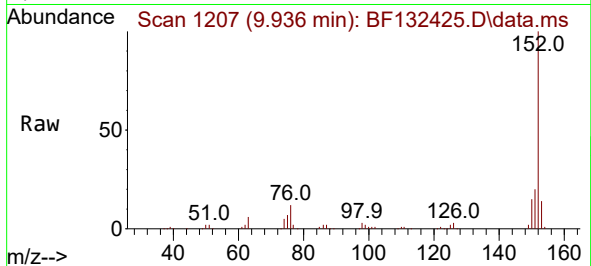




#49
Acenaphthylene
Concen: 2.518 ng
RT: 9.936 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

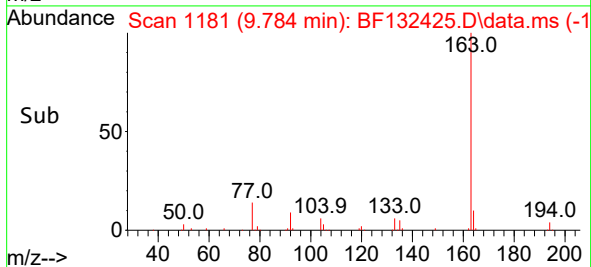
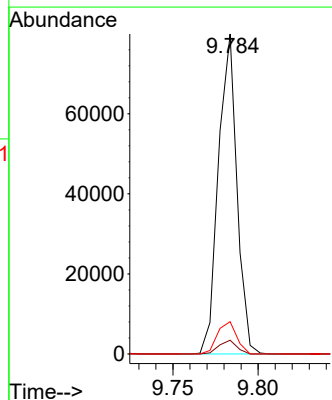
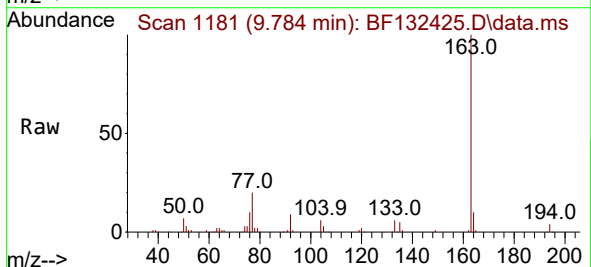
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

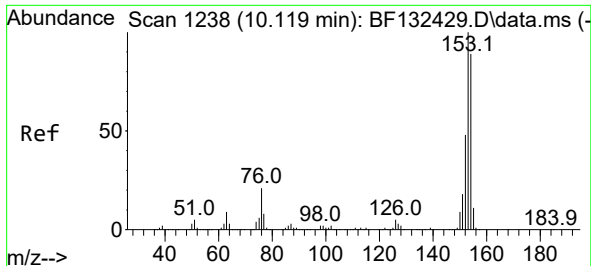
Tgt Ion:152 Resp: 83336
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.6 10.7 16.1



#50
Dimethylphthalate
Concen: 2.396 ng
RT: 9.784 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:163 Resp: 60498
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.1 8.4 12.6

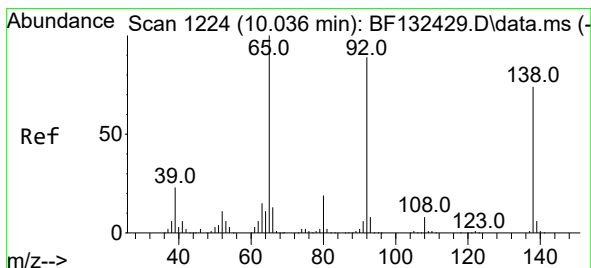
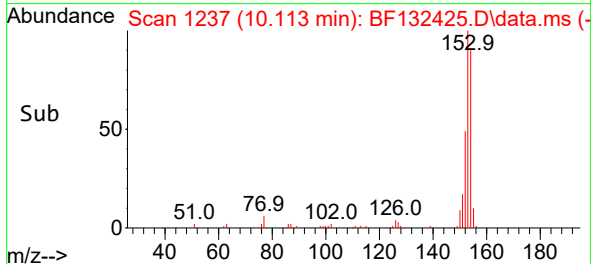
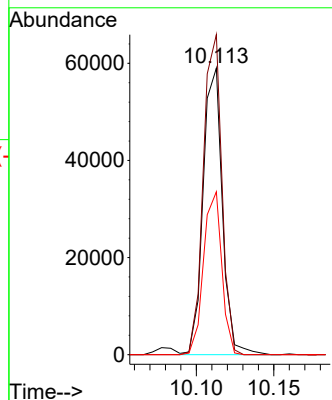
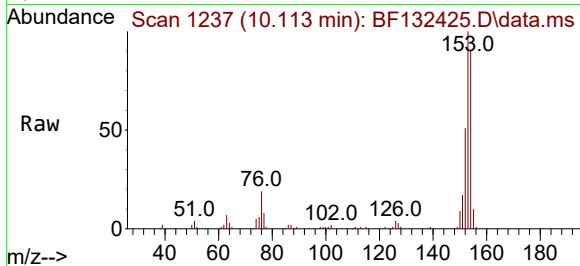




#52
Acenaphthene
Concen: 2.468 ng
RT: 10.113 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

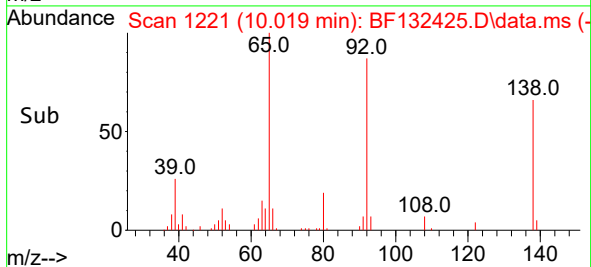
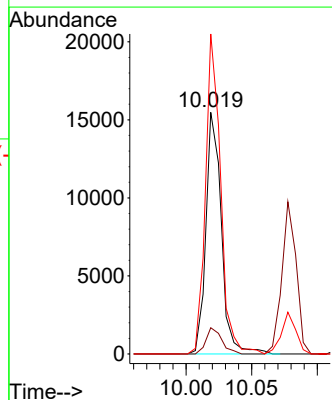
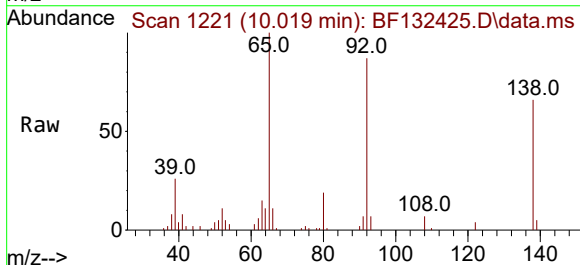
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

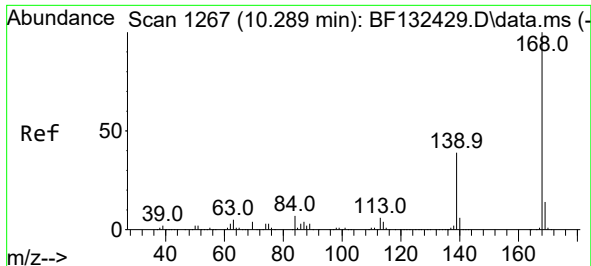
Tgt Ion:154 Resp: 50832
Ion Ratio Lower Upper
154 100
153 111.7 89.7 134.5
152 56.8 43.4 65.0



#53
3-Nitroaniline
Concen: 2.016 ng
RT: 10.019 min Scan# 1221
Delta R.T. -0.018 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:138 Resp: 12710
Ion Ratio Lower Upper
138 100
108 10.8 8.1 12.1
92 132.4 96.0 144.0

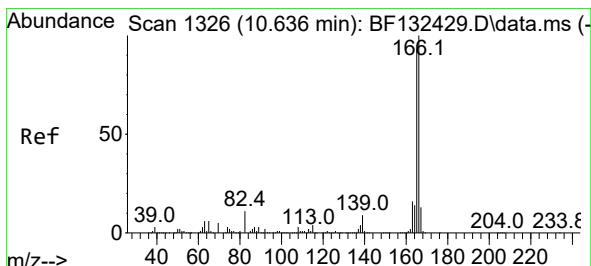
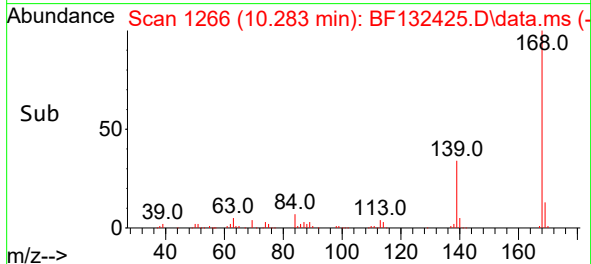
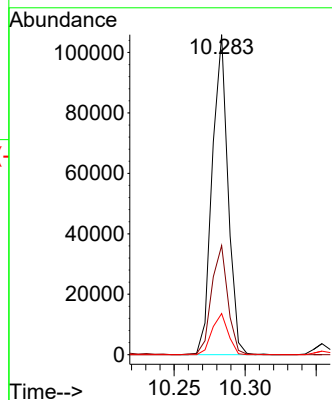
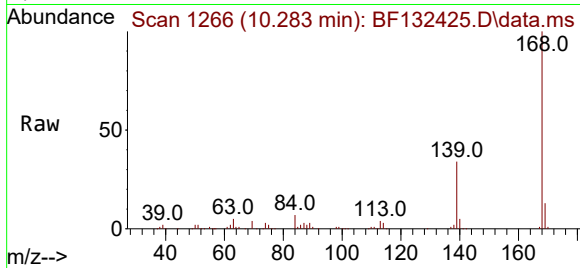




#55
Dibenzenofuran
Concen: 2.670 ng
RT: 10.283 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

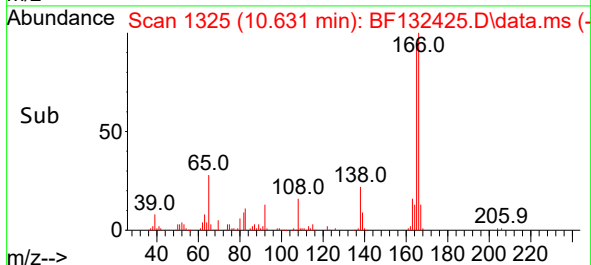
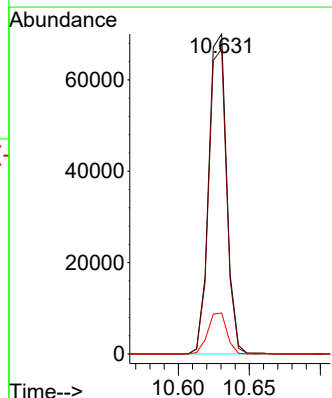
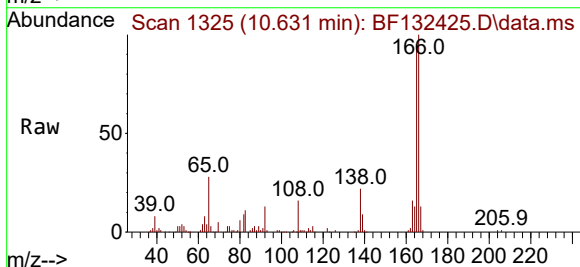
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

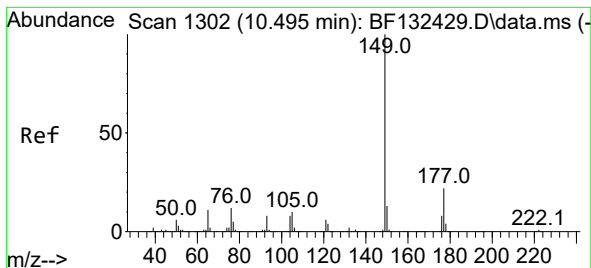
Tgt Ion:168 Resp: 81594
Ion Ratio Lower Upper
168 100
139 34.1 31.0 46.4
169 12.9 11.0 16.4



#58
Fluorene
Concen: 2.671 ng
RT: 10.631 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:166 Resp: 61720
Ion Ratio Lower Upper
166 100
165 95.2 74.6 111.8
167 12.8 10.8 16.2





#60

Diethylphthalate

Concen: 2.377 ng

RT: 10.483 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

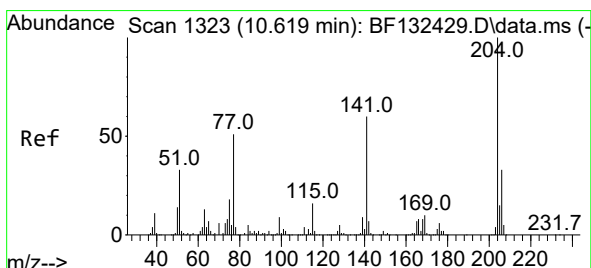
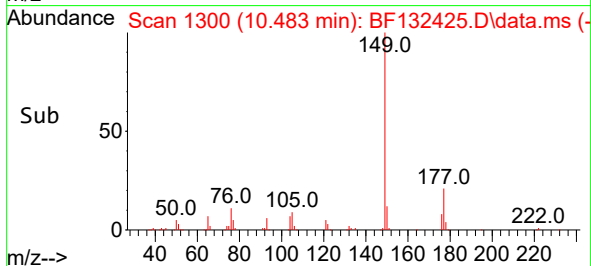
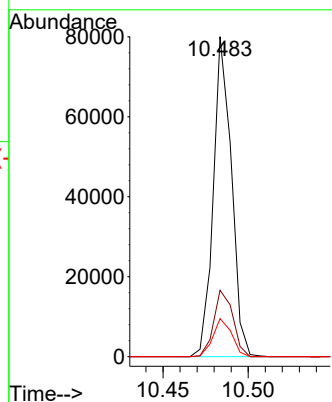
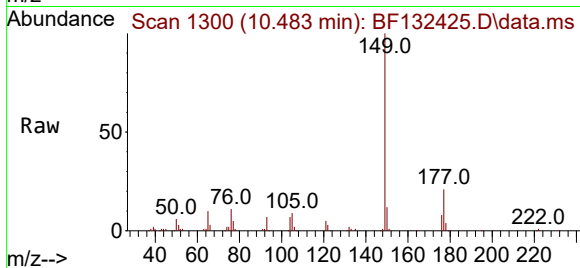
Tgt Ion:149 Resp: 59008

Ion Ratio Lower Upper

149 100

177 20.7 17.8 26.8

150 11.9 10.0 15.0



#61

4-Chlorophenyl-phenylether

Concen: 2.576 ng

RT: 10.619 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF132425.D

Acq: 16 Feb 2023 10:10

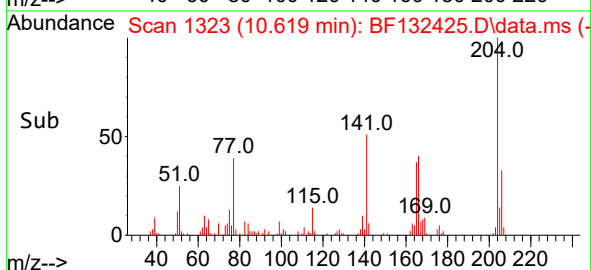
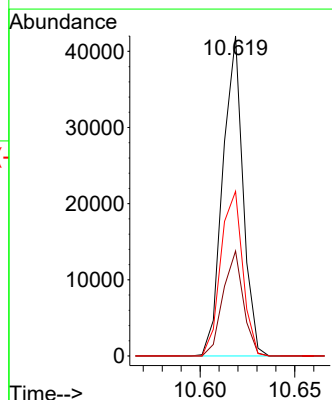
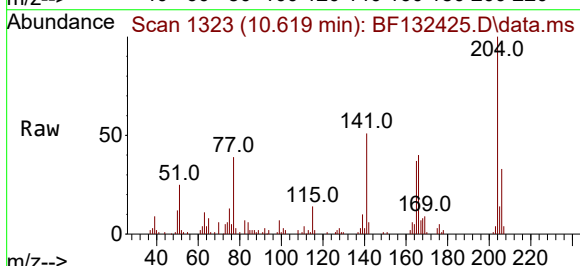
Tgt Ion:204 Resp: 31173

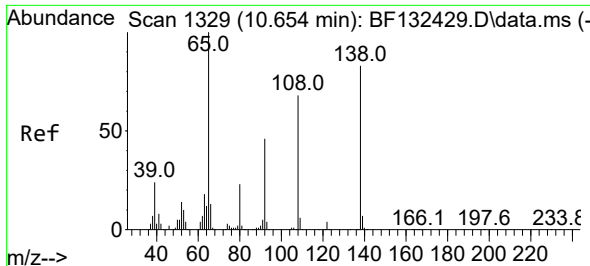
Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

141 51.4 48.2 72.2

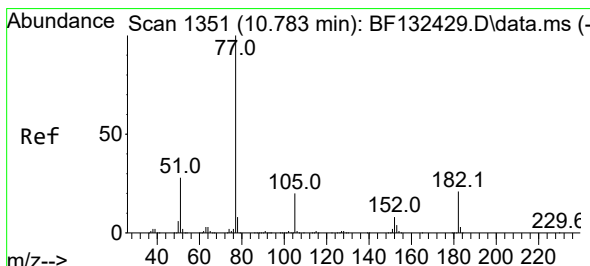
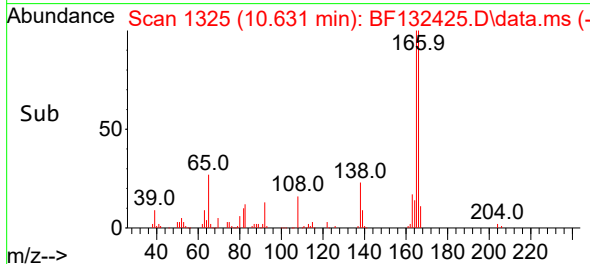
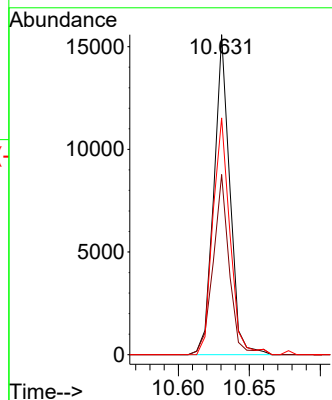
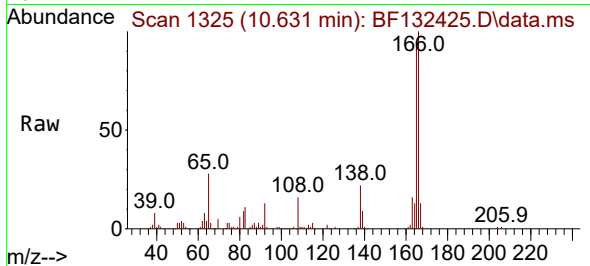




#62
4-Nitroaniline
Concen: 2.062 ng
RT: 10.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

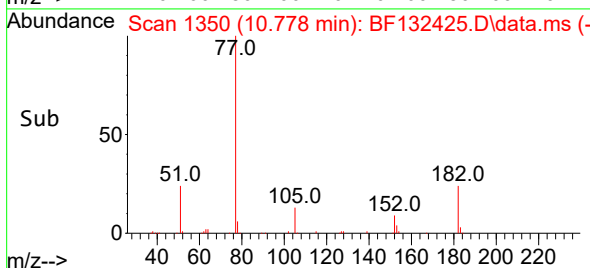
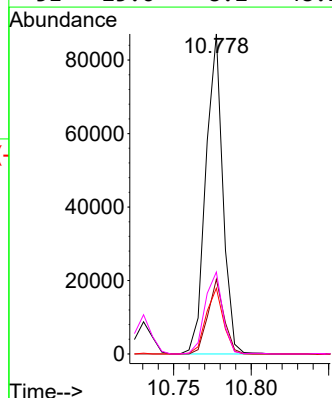
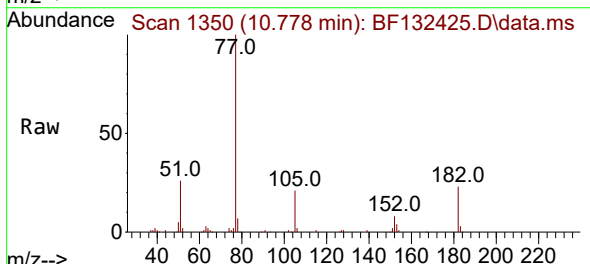
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

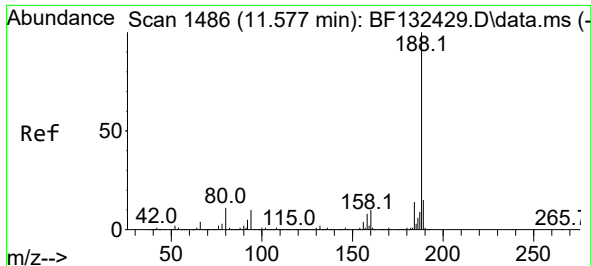
Tgt Ion:138 Resp: 12132
Ion Ratio Lower Upper
138 100
92 56.3 35.9 75.9
108 74.0 62.1 102.1



#63
Azobenzene
Concen: 2.413 ng
RT: 10.778 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion: 77 Resp: 66278
Ion Ratio Lower Upper
77 100
182 23.4 1.4 41.4
105 20.5 0.1 40.1
51 25.6 8.2 48.2

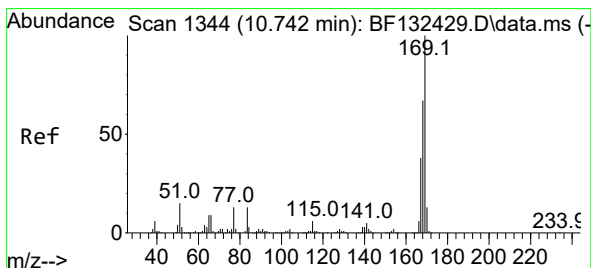
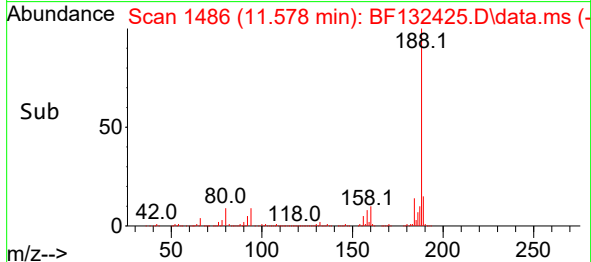
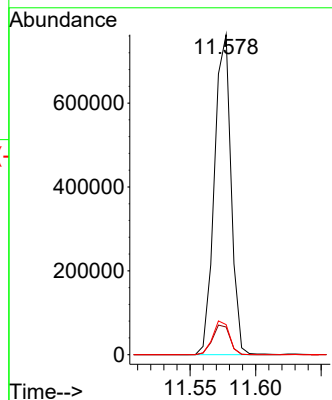
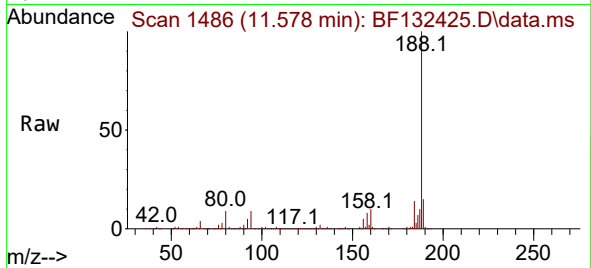




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.578 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

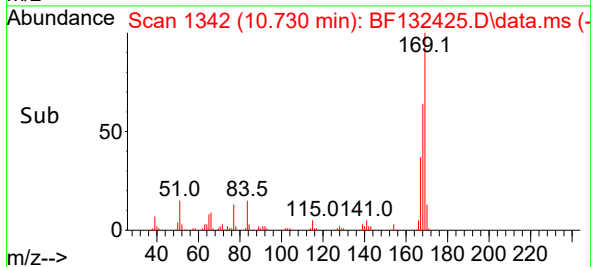
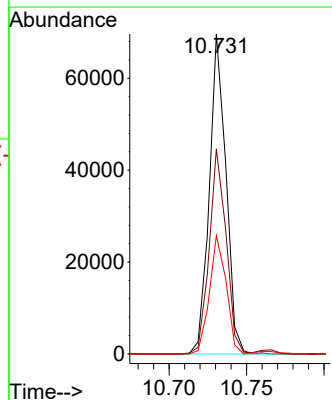
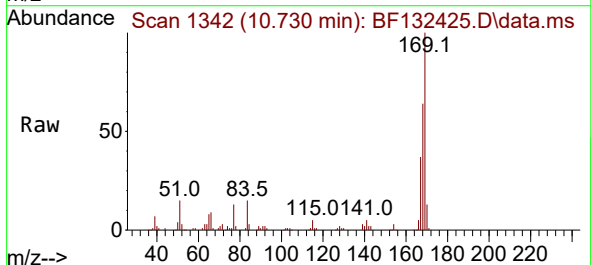
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

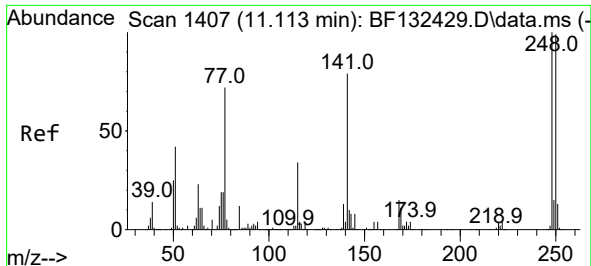
Tgt Ion:188 Resp: 673568
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.4 8.6 12.8



#66
n-Nitrosodiphenylamine
Concen: 2.506 ng
RT: 10.730 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:169 Resp: 51800
Ion Ratio Lower Upper
169 100
168 64.1 53.5 80.3
167 37.0 30.2 45.2

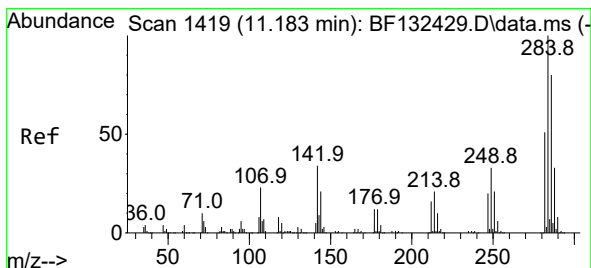
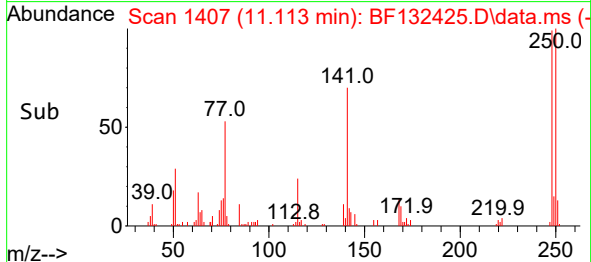
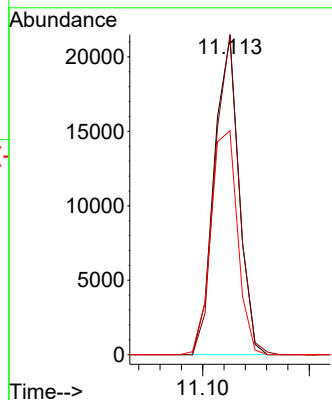
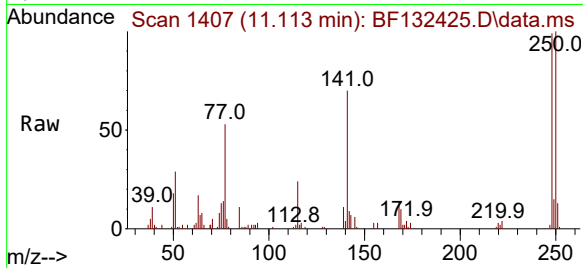




#67
4-Bromophenyl-phenylether
Concen: 2.338 ng
RT: 11.113 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

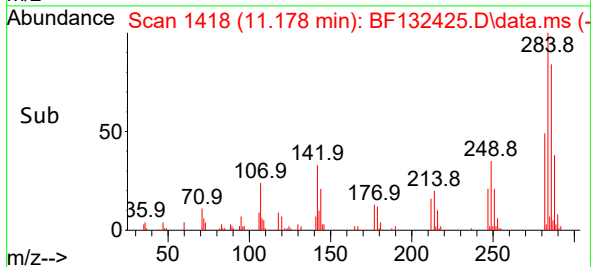
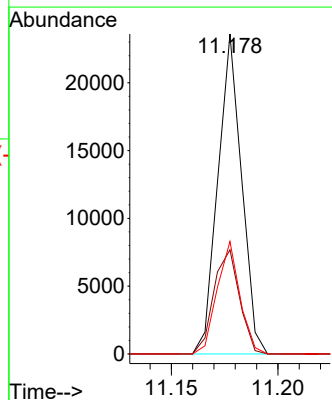
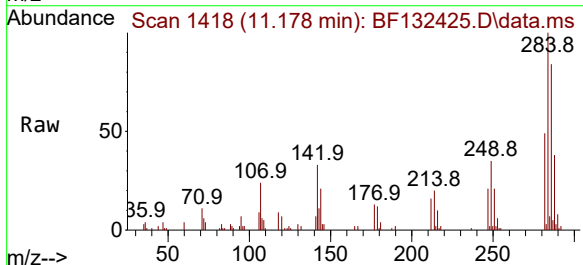
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

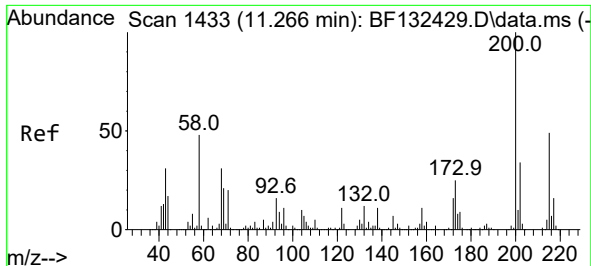
Tgt Ion:248 Resp: 17257
Ion Ratio Lower Upper
248 100
250 101.0 79.0 118.4
141 70.7 63.3 94.9



#68
Hexachlorobenzene
Concen: 2.362 ng
RT: 11.178 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:284 Resp: 18228
Ion Ratio Lower Upper
284 100
142 32.6 27.5 41.3
249 35.2 26.2 39.4

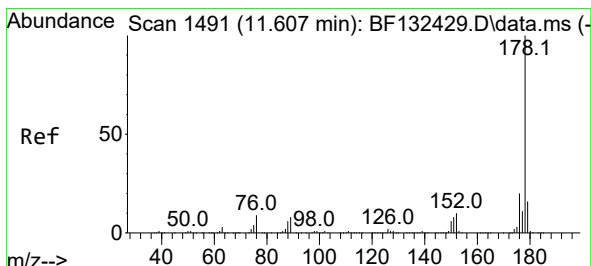
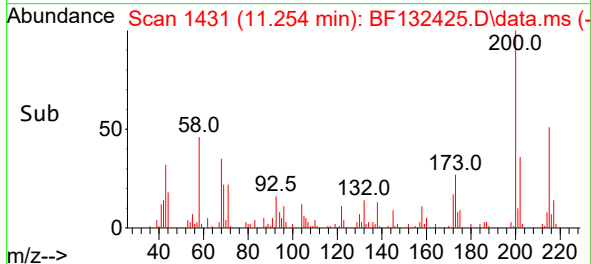
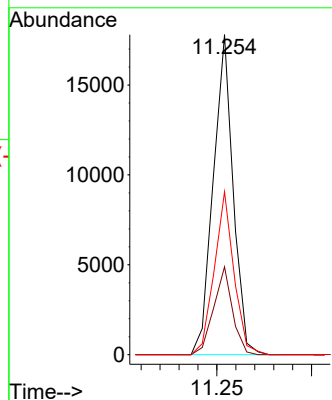
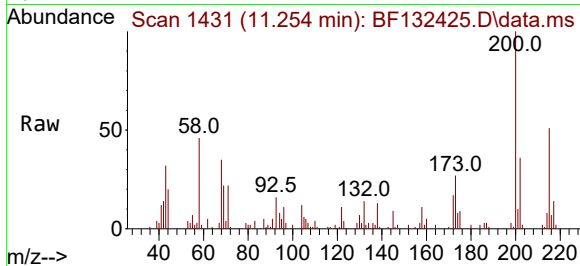




#69
 Atrazine
 Concen: 2.039 ng
 RT: 11.254 min Scan# 1431
 Delta R.T. -0.012 min
 Lab File: BF132425.D
 Acq: 16 Feb 2023 10:10

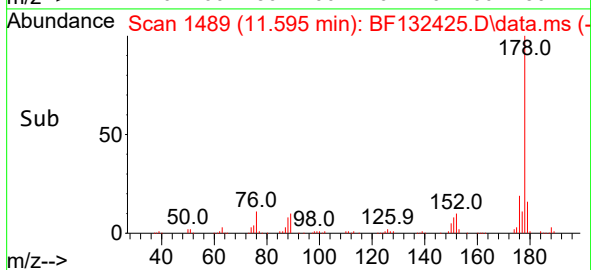
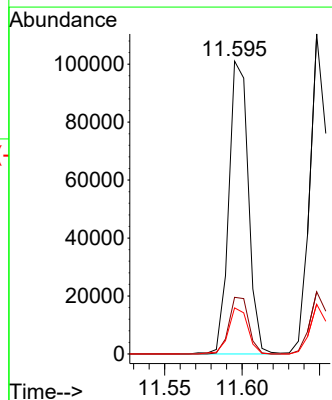
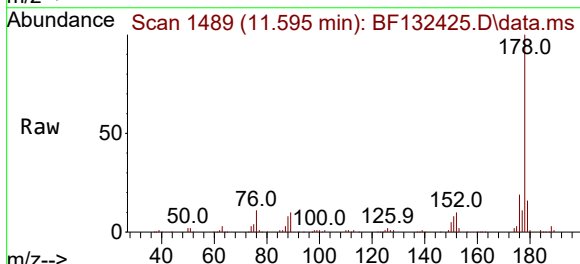
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

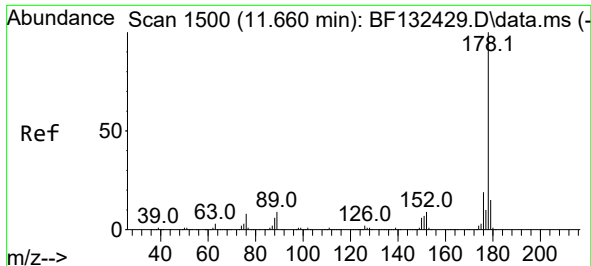
Tgt Ion:200 Resp: 12975
 Ion Ratio Lower Upper
 200 100
 173 27.5 5.3 45.3
 215 50.9 29.1 69.1



#71
 Phenanthrene
 Concen: 2.551 ng
 RT: 11.595 min Scan# 1489
 Delta R.T. -0.012 min
 Lab File: BF132425.D
 Acq: 16 Feb 2023 10:10

Tgt Ion:178 Resp: 88508
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.2
 179 15.8 12.6 18.8

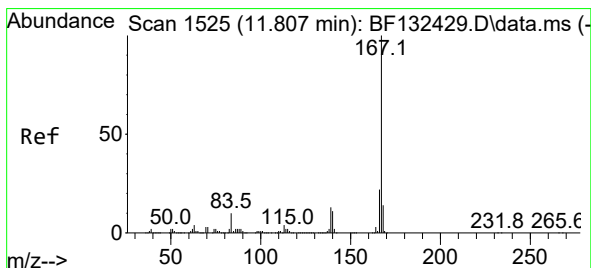
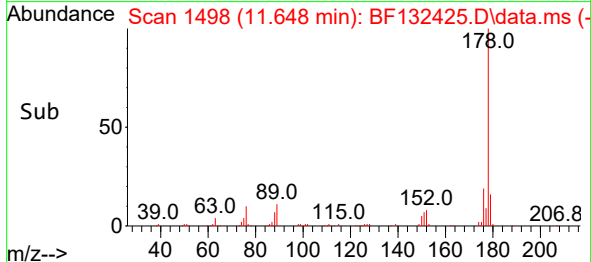
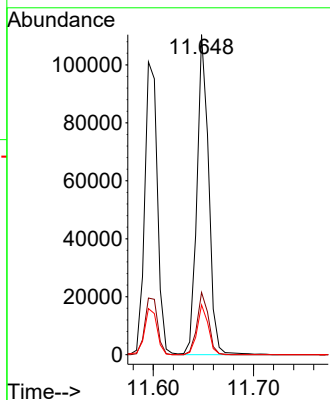
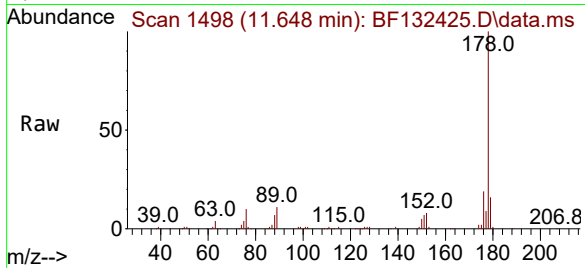




#72
 Anthracene
 Concen: 2.513 ng
 RT: 11.648 min Scan# 1498
 Delta R.T. -0.012 min
 Lab File: BF132425.D
 Acq: 16 Feb 2023 10:10

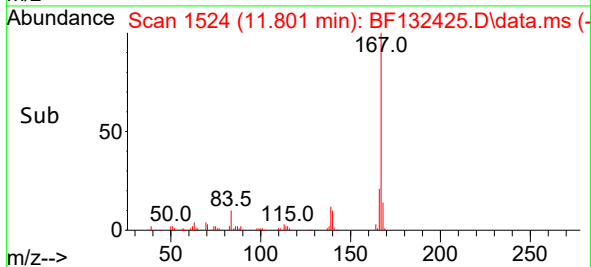
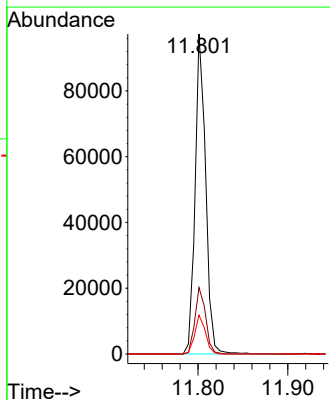
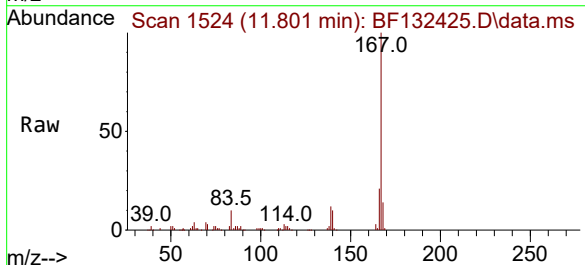
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

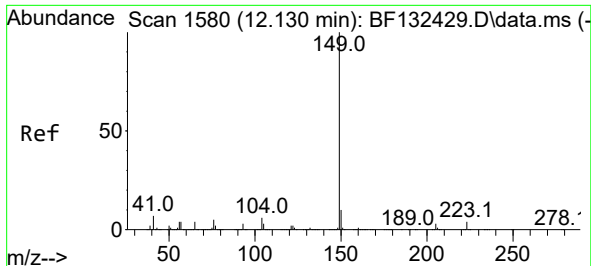
Tgt Ion:178 Resp: 89604
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.6 12.4 18.6



#73
 Carbazole
 Concen: 2.471 ng
 RT: 11.801 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: BF132425.D
 Acq: 16 Feb 2023 10:10

Tgt Ion:167 Resp: 79327
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.8 26.8
 139 12.2 10.7 16.1

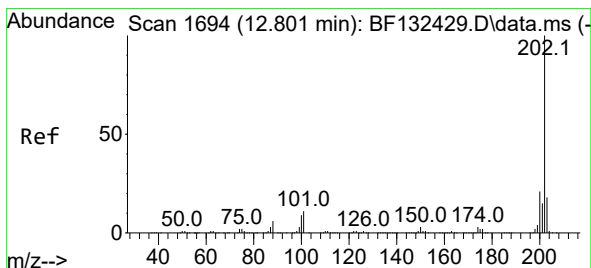
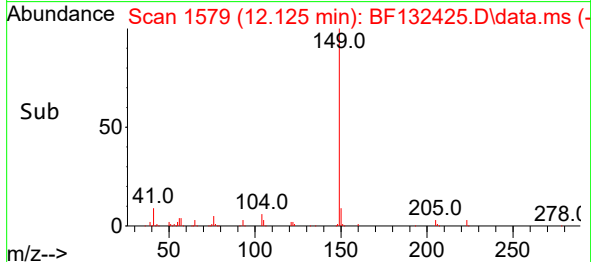
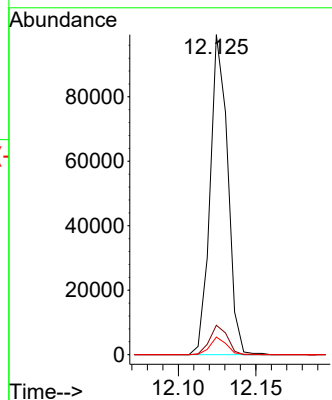
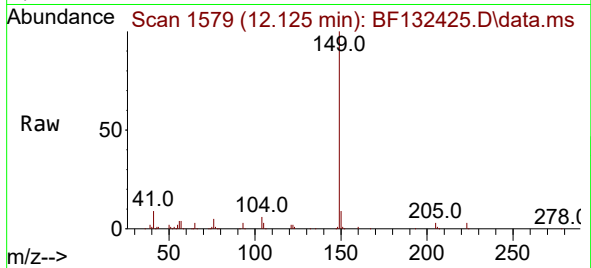




#74
Di-n-butylphthalate
Concen: 2.049 ng
RT: 12.125 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

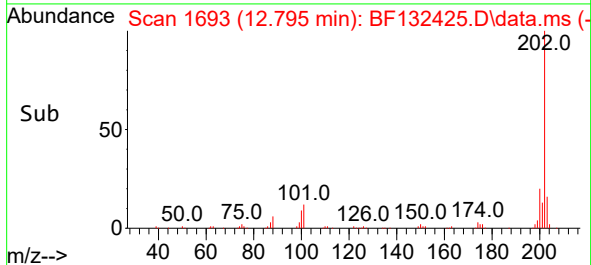
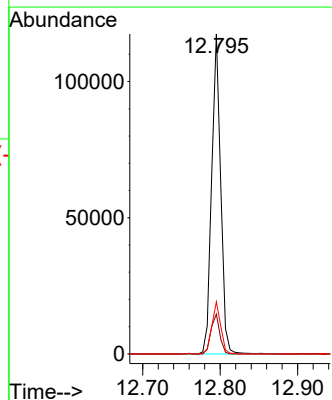
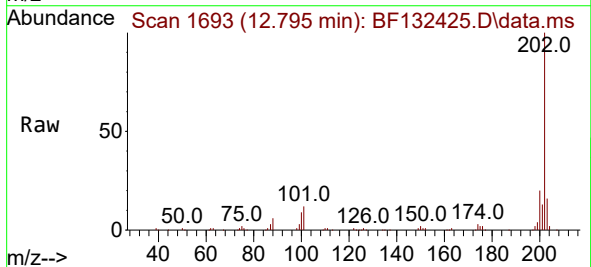
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

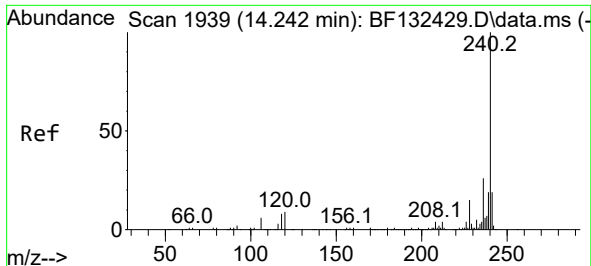
Tgt Ion:149 Resp: 78350
Ion Ratio Lower Upper
149 100
150 9.2 7.6 11.4
104 5.5 4.5 6.7



#75
Fluoranthene
Concen: 2.454 ng
RT: 12.795 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:202 Resp: 94937
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.3
203 16.3 0.0 37.8

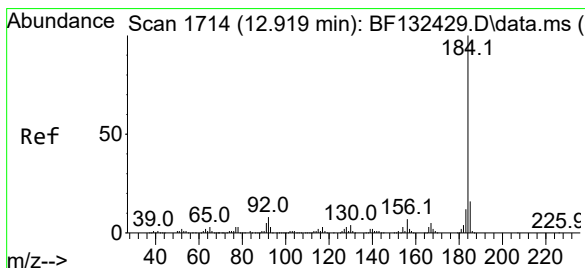
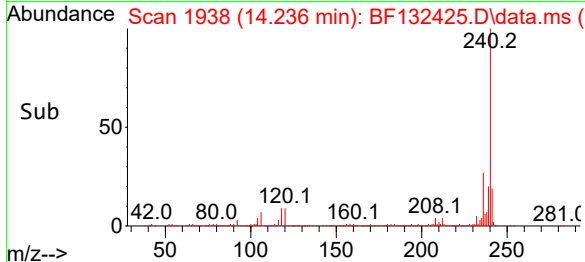
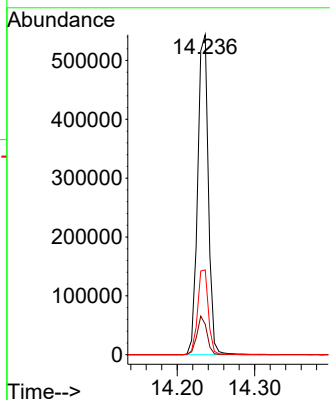
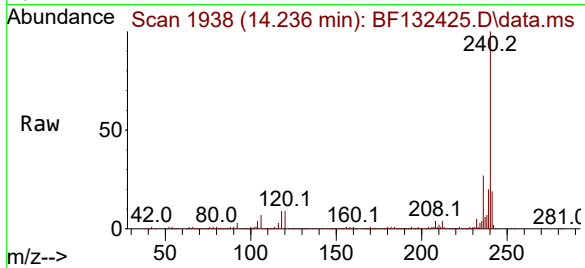




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

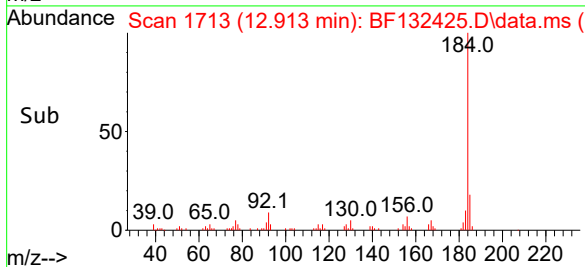
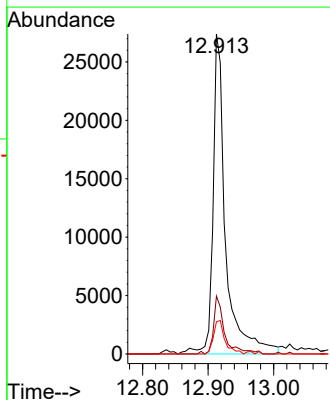
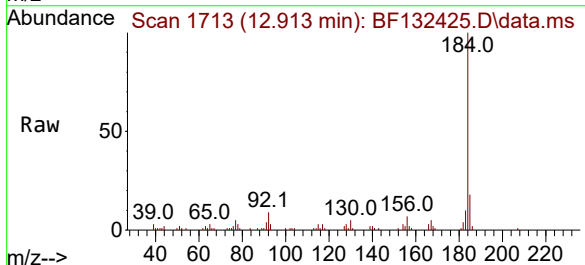
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

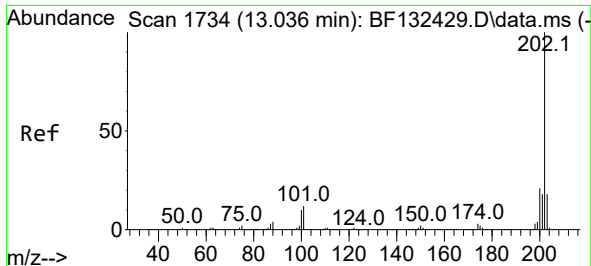
Tgt Ion:240 Resp: 520515
Ion Ratio Lower Upper
240 100
120 9.5 7.5 11.3
236 26.5 21.0 31.6



#77
Benzidine
Concen: 3.304 ng
RT: 12.913 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:184 Resp: 36626
Ion Ratio Lower Upper
184 100
185 18.1 12.4 18.6
183 10.0 9.2 13.8

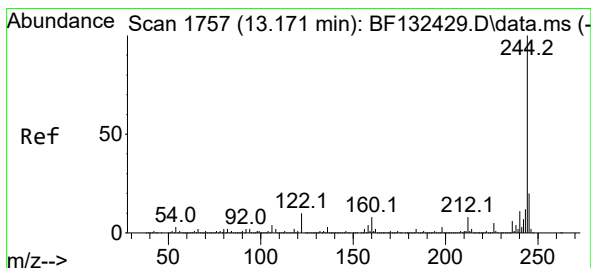
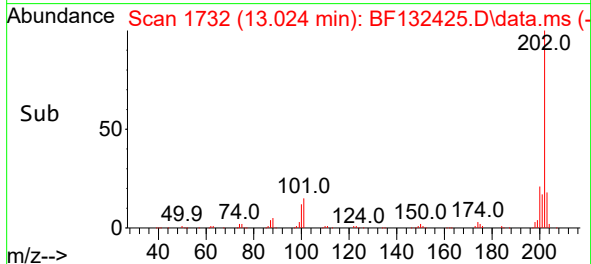
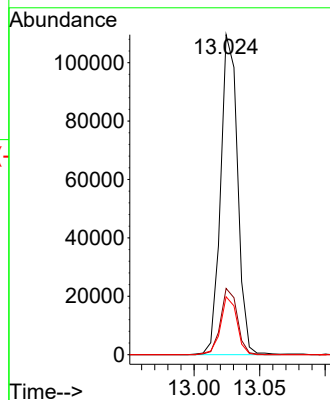
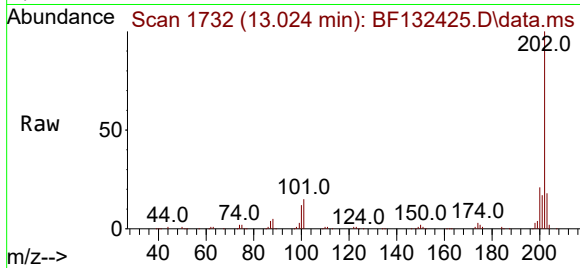




#78
Pyrene
Concen: 2.230 ng
RT: 13.024 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

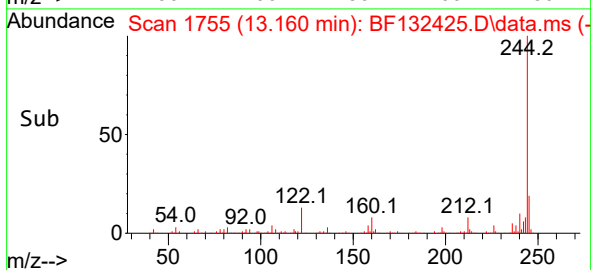
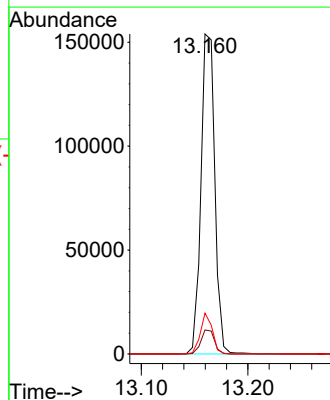
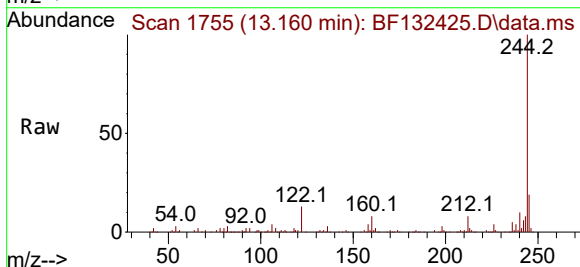
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

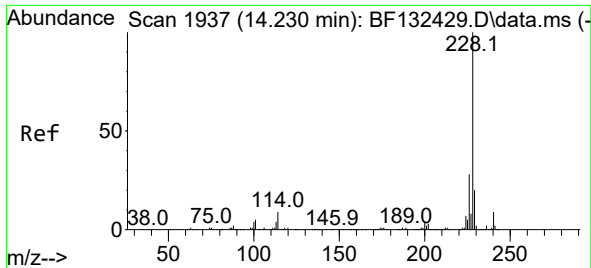
Tgt Ion:202 Resp: 98600
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 18.1 14.3 21.5



#79
Terphenyl-d14
Concen: 4.882 ng
RT: 13.160 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:244 Resp: 139542
Ion Ratio Lower Upper
244 100
212 7.5 6.7 10.1
122 12.8 7.7 11.5#

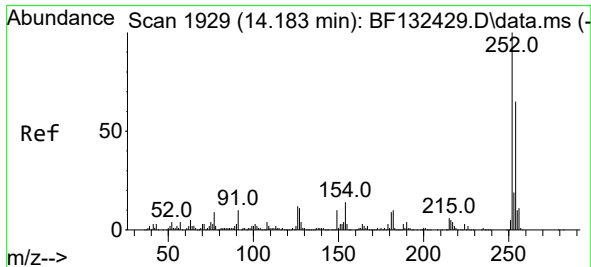
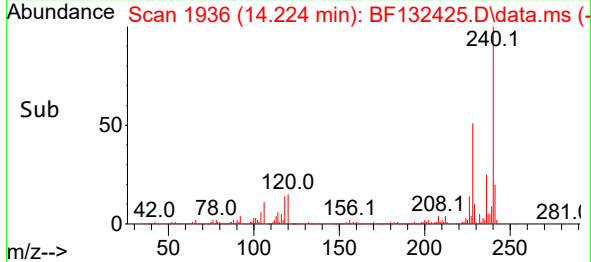
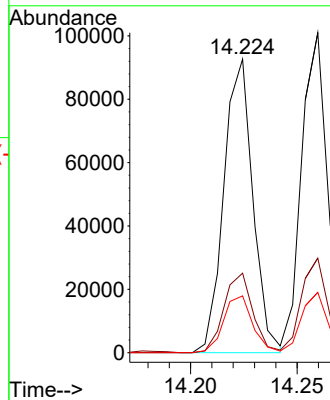
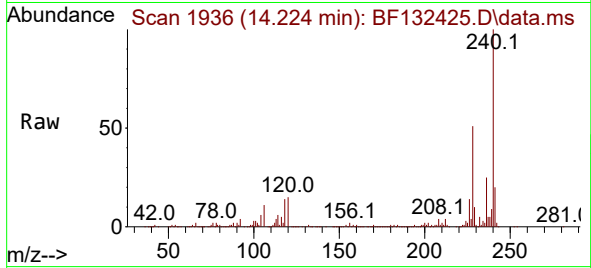




#81
Benzo(a)anthracene
Concen: 2.300 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

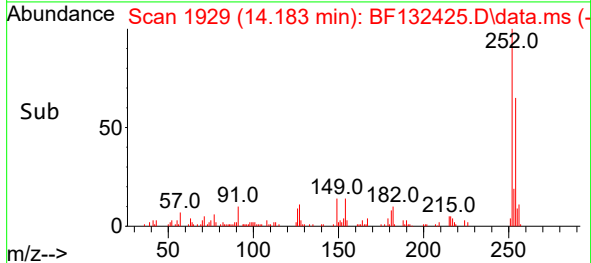
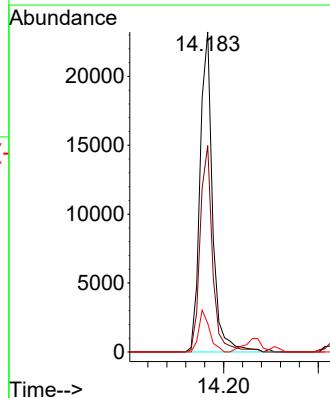
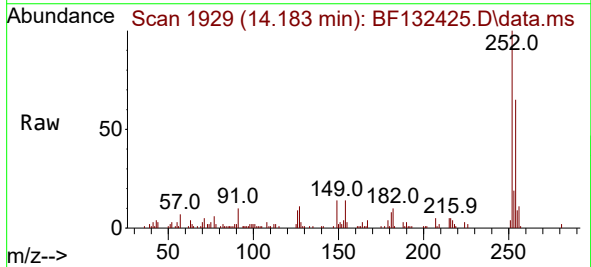
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

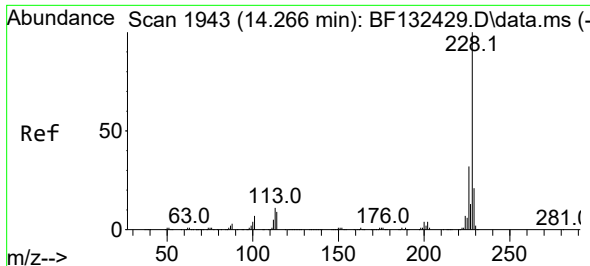
Tgt Ion:228 Resp: 87677
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 19.4 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 2.096 ng
RT: 14.183 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:252 Resp: 21341
Ion Ratio Lower Upper
252 100
254 64.5 52.2 78.2
126 8.9 9.6 14.4#

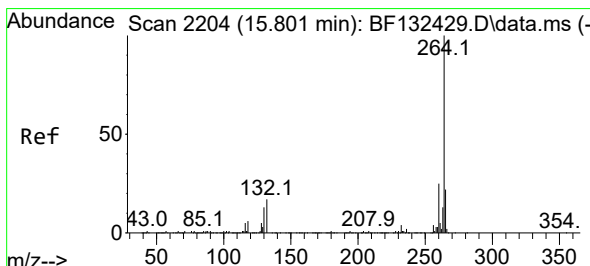
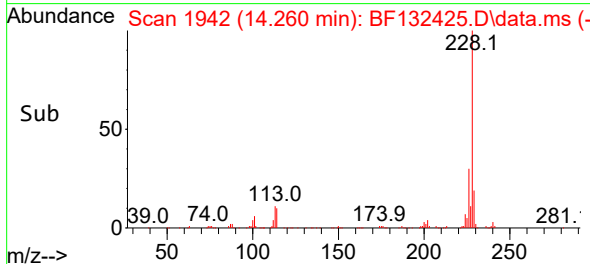
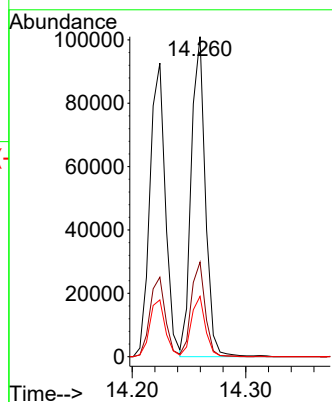
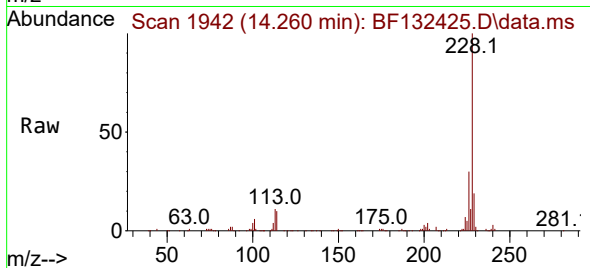




#83
Chrysene
Concen: 2.397 ng
RT: 14.260 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

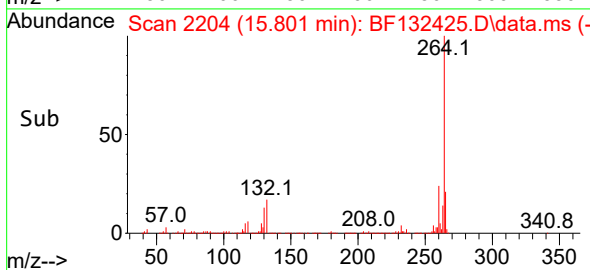
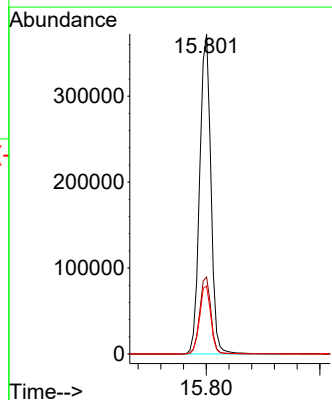
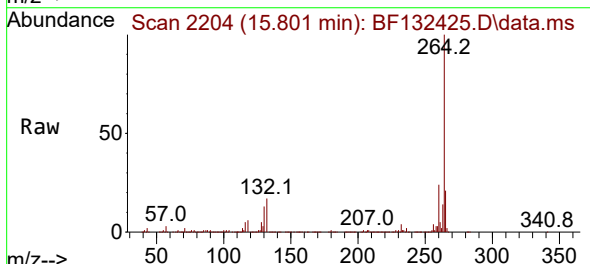
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

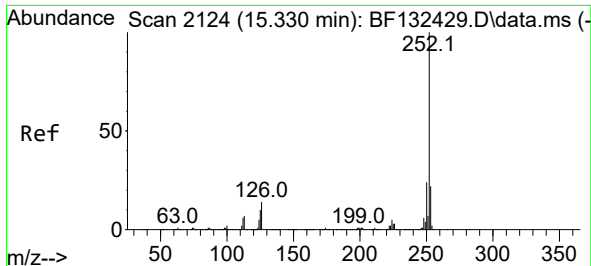
Tgt Ion:228 Resp: 87317
Ion Ratio Lower Upper
228 100
226 29.5 25.4 38.2
229 18.9 16.6 25.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.801 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:264 Resp: 511165
Ion Ratio Lower Upper
264 100
260 24.1 20.0 30.0
265 21.3 17.2 25.8

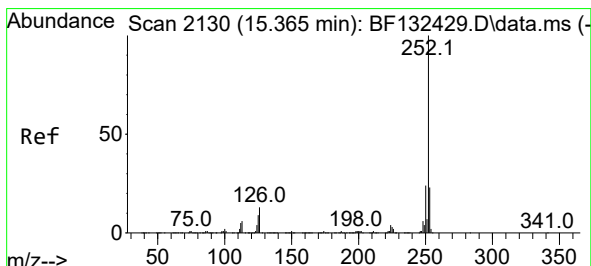
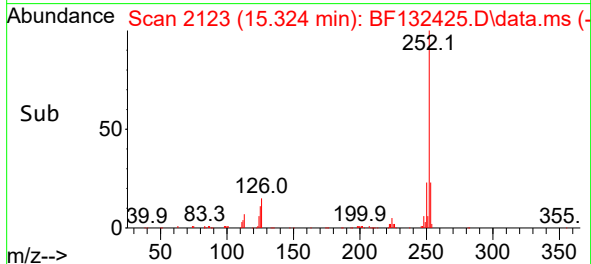
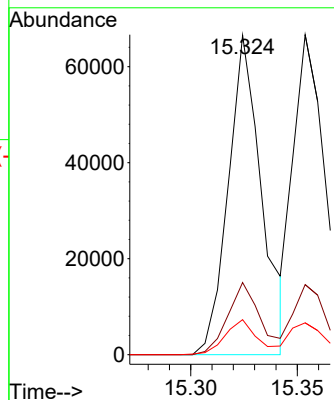
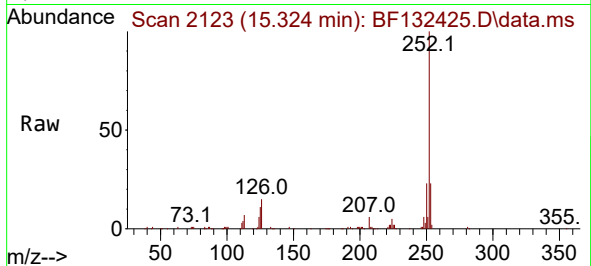




#88
Benzo(b)fluoranthene
Concen: 2.164 ng
RT: 15.324 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

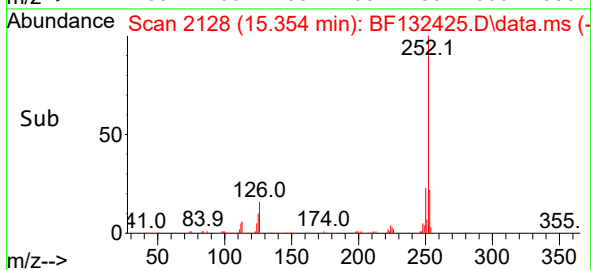
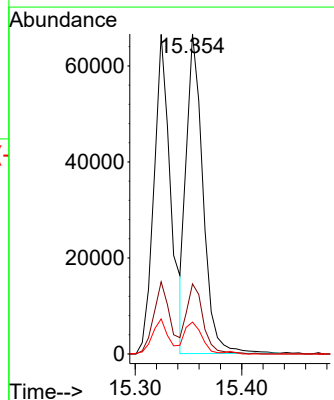
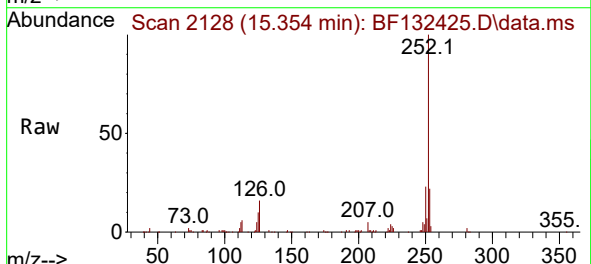
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

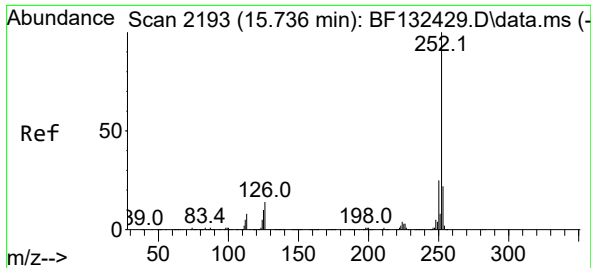
Tgt Ion:252 Resp: 72746
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.0 7.6 11.4



#89
Benzo(k)fluoranthene
Concen: 2.138 ng
RT: 15.354 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BF132425.D
Acq: 16 Feb 2023 10:10

Tgt Ion:252 Resp: 71920
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 9.9 7.5 11.3





#90
 Benzo(a)pyrene
 Concen: 2.124 ng
 RT: 15.724 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF132425.D
 Acq: 16 Feb 2023 10:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:252 Resp: 66359
 Ion Ratio Lower Upper
 252 100
 253 20.6 17.6 26.4
 125 11.4 8.2 12.4

