

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132468.D
 Acq On : 18 Feb 2023 00:57
 Operator : CG\JU
 Sample : 01552-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MSD

Quant Time: Feb 18 01:35:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	255928	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	928515	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	450474	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	747632	20.000	ng	0.00
76) Chrysene-d12	14.236	240	395305	20.000	ng	0.00
86) Perylene-d12	15.795	264	401376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1634889	102.360	ng	0.02
7) Phenol-d6	6.654	99	2119232	101.615	ng	0.00
23) Nitrobenzene-d5	7.589	82	1428515	73.924	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	444273	98.847	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2056409	70.497	ng	0.00
79) Terphenyl-d14	13.160	244	1768197	81.462	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	349945	40.501	ng	98
3) Pyridine	3.760	79	893534	38.098	ng	98
4) n-Nitrosodimethylamine	3.731	42	402109	43.423	ng	90
6) Aniline	6.707	93	1019557	35.091	ng	96
8) 2-Chlorophenol	6.813	128	759698	46.592	ng	93
9) Benzaldehyde	6.578	77	473998	42.508	ng	99
10) Phenol	6.666	94	1027480	46.489	ng	95
11) bis(2-Chloroethyl)ether	6.754	93	888281	47.381	ng	99
12) 1,3-Dichlorobenzene	6.966	146	803829	45.254	ng	99
13) 1,4-Dichlorobenzene	7.042	146	787372	44.437	ng	99
14) 1,2-Dichlorobenzene	7.195	146	769355	47.393	ng	97
15) Benzyl Alcohol	7.166	79	728763	47.241	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1148850	44.074	ng	96
17) 2-Methylphenol	7.272	107	647733	41.730	ng	99
18) Hexachloroethane	7.537	117	320859	47.958	ng	94
19) n-Nitroso-di-n-propyla...	7.442	70	549384	42.969	ng	96
20) 3+4-Methylphenols	7.425	107	739677	38.596	ng	# 81
22) Acetophenone	7.437	105	1003960	41.720	ng	100
24) Nitrobenzene	7.613	77	900885	42.521	ng	99
25) Isophorone	7.848	82	1646614	43.364	ng	99
26) 2-Nitrophenol	7.925	139	412190	50.047	ng	97
27) 2,4-Dimethylphenol	7.960	122	635981	42.768	ng	99
28) bis(2-Chloroethoxy)met...	8.054	93	975478	43.960	ng	100
29) 2,4-Dichlorophenol	8.166	162	613215	43.711	ng	98
30) 1,2,4-Trichlorobenzene	8.248	180	686647	44.010	ng	100
31) Naphthalene	8.336	128	2248804	46.669	ng	99
32) Benzoic acid	8.089	122	516033	48.046	ng	95
33) 4-Chloroaniline	8.389	127	217266	10.852	ng	94
34) Hexachlorobutadiene	8.442	225	441261	44.798	ng	98
35) Caprolactam	8.760	113	181583	39.870	ng	95
36) 4-Chloro-3-methylphenol	8.860	107	669240	42.635	ng	99
37) 2-Methylnaphthalene	9.025	142	1402481	43.247	ng	99
38) 1-Methylnaphthalene	9.131	142	1313616	43.116	ng	100
40) 1,2,4,5-Tetrachloroben...	9.189	216	668950	45.829	ng	99
41) Hexachlorocyclopentadiene	9.178	237	454890	56.740	ng	98
43) 2,4,6-Trichlorophenol	9.301	196	447282	46.517	ng	99

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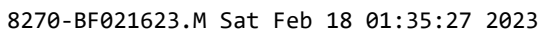
Instrument :
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 ClientSampleId :
 SB-03-4.0-6.0MSD

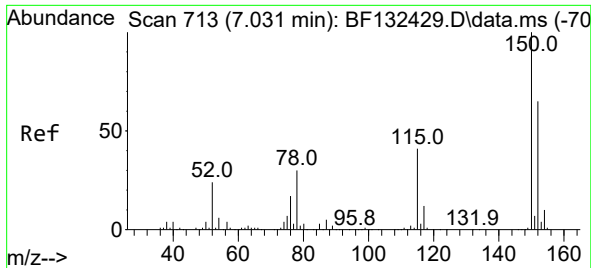
Quant Time: Feb 18 01:35:21 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	478297	42.707	ng	98
46) 1,1'-Biphenyl	9.495	154	1559136	44.718	ng	99
47) 2-Chloronaphthalene	9.519	162	1215625	44.421	ng	99
48) 2-Nitroaniline	9.613	65	426397	44.409	ng	97
49) Acenaphthylene	9.936	152	1828814	42.061	ng	99
50) Dimethylphthalate	9.789	163	1468382	44.264	ng	99
51) 2,6-Dinitrotoluene	9.854	165	325731	45.151	ng	98
52) Acenaphthene	10.113	154	1388031	51.297	ng	100
53) 3-Nitroaniline	10.025	138	248363	29.985	ng	93
54) 2,4-Dinitrophenol	10.130	184	273118	62.187	ng	# 91
55) Dibenzofuran	10.283	168	1909774	47.570	ng	99
56) 4-Nitrophenol	10.189	139	488637	81.314	ng	98
57) 2,4-Dinitrotoluene	10.260	165	418922	44.112	ng	98
58) Fluorene	10.630	166	1490895	49.120	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.401	232	367326	43.397	ng	97
60) Diethylphthalate	10.495	149	1378612	42.275	ng	99
61) 4-Chlorophenyl-phenyle...	10.613	204	640504	40.296	ng	99
62) 4-Nitroaniline	10.648	138	276253	35.742	ng	96
63) Azobenzene	10.778	77	1468668	40.704	ng	94
65) 4,6-Dinitro-2-methylph...	10.672	198	171970	36.998	ng	93
66) n-Nitrosodiphenylamine	10.736	169	1104065	48.114	ng	100
67) 4-Bromophenyl-phenylether	11.107	248	396108	48.341	ng	96
68) Hexachlorobenzene	11.177	284	404282	47.200	ng	98
69) Atrazine	11.266	200	344197	48.732	ng	98
70) Pentachlorophenol	11.377	266	424986	79.806	ng	99
71) Phenanthrene	11.607	178	4571218	118.714	ng	97
72) Anthracene	11.654	178	2465039	62.273	ng	98
73) Carbazole	11.807	167	1778008	49.899	ng	99
74) Di-n-butylphthalate	12.124	149	1916311	45.152	ng	99
75) Fluoranthene	12.801	202	4544137	105.819	ng	97
77) Benzidine	12.913	184	398357	47.325	ng	98
78) Pyrene	13.036	202	4054561	120.740	ng	97
80) Butylbenzylphthalate	13.630	149	710066	56.666	ng	99
81) Benzo(a)anthracene	14.224	228	2763575	95.452	ng	98
82) 3,3'-Dichlorobenzidine	14.177	252	390582	50.506	ng	98
83) Chrysene	14.265	228	2238848	80.934	ng	99
84) Bis(2-ethylhexyl)phtha...	14.189	149	983540	60.633	ng	# 98
85) Di-n-octyl phthalate	14.818	149	1633257	69.340	ng	98
87) Indeno(1,2,3-cd)pyrene	17.412	276	1585992	61.814	ng	97
88) Benzo(b)fluoranthene	15.330	252	2685280	101.735	ng	99
89) Benzo(k)fluoranthene	15.360	252	1596677	60.449	ng	99
90) Benzo(a)pyrene	15.736	252	2018332	82.282	ng	97
91) Dibenzo(a,h)anthracene	17.430	278	954319	45.159	ng	99
92) Benzo(g,h,i)perylene	17.912	276	1352279	62.310	ng	99

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

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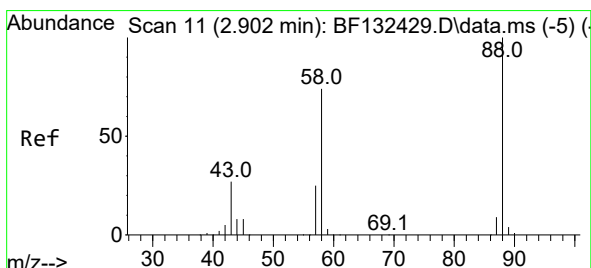
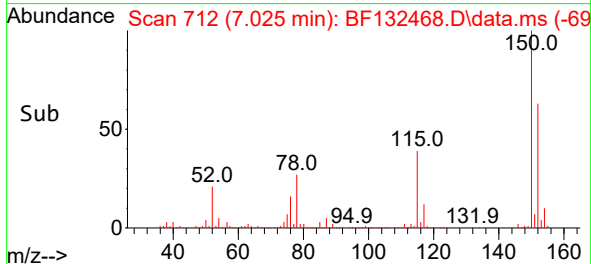
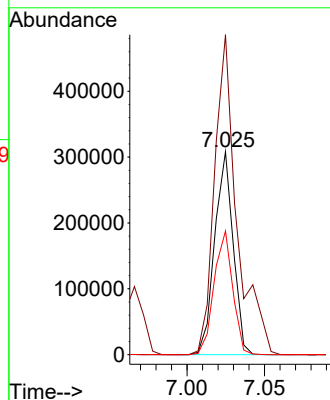
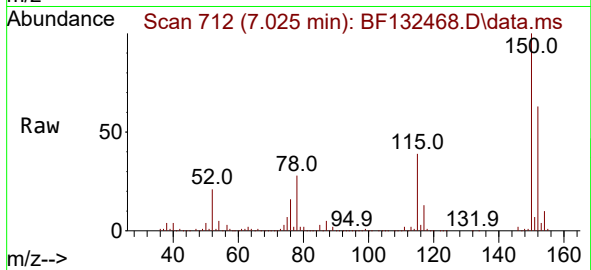




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.025 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132468.D
 Acq: 18 Feb 2023 00:57

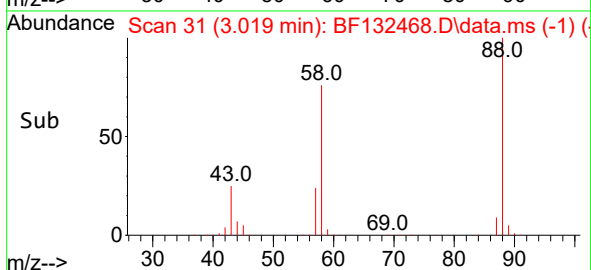
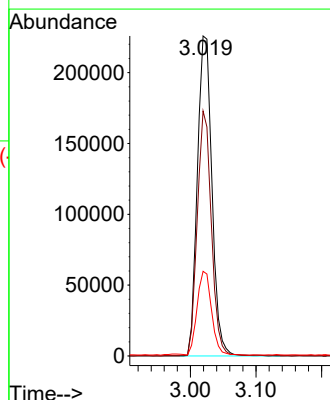
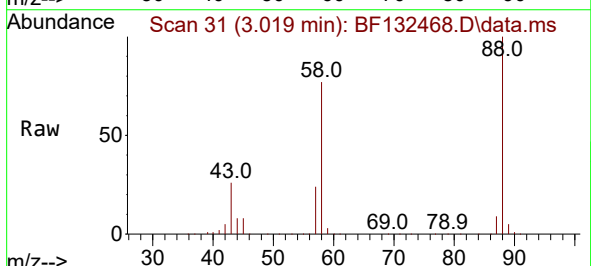
Instrument :
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 SB-03-4.0-6.0MSD

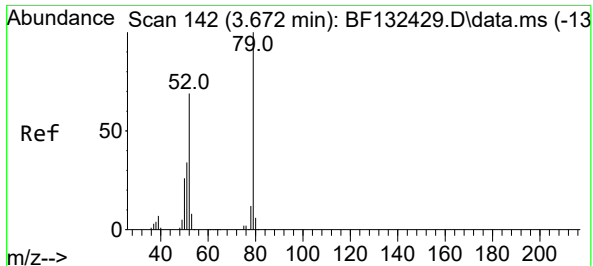
Tgt Ion:152 Resp: 255928
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.8 185.8
 115 60.9 50.4 75.6



#2
 1,4-Dioxane
 Concen: 40.501 ng
 RT: 3.019 min Scan# 31
 Delta R.T. 0.118 min
 Lab File: BF132468.D
 Acq: 18 Feb 2023 00:57

Tgt Ion: 88 Resp: 349945
 Ion Ratio Lower Upper
 88 100
 58 73.6 60.1 90.1
 43 26.0 21.5 32.3

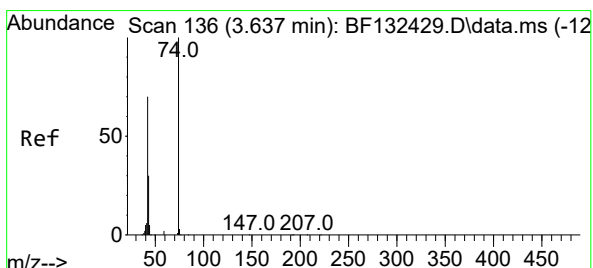
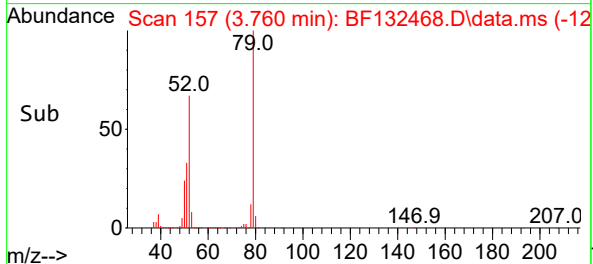
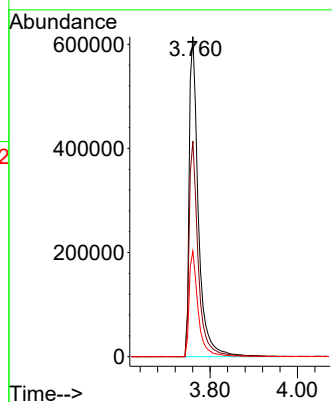
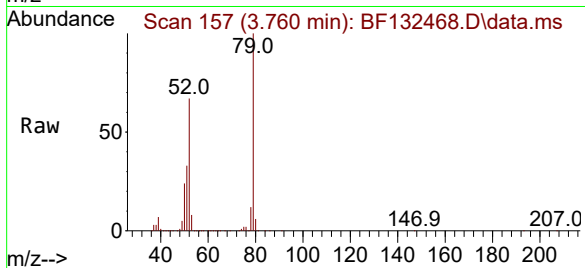




#3
Pyridine
Concen: 38.098 ng
RT: 3.760 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

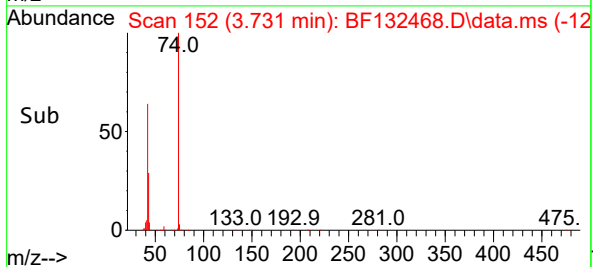
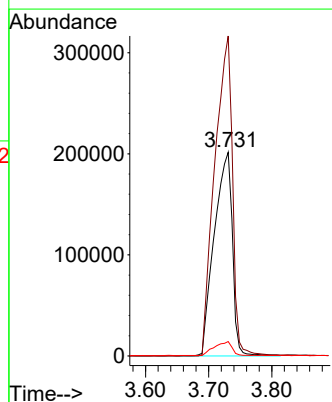
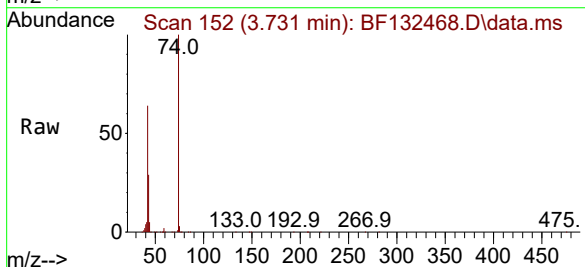
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

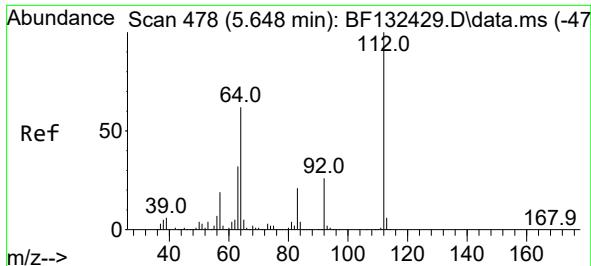
Tgt Ion: 79 Resp: 893534
Ion Ratio Lower Upper
79 100
52 67.3 55.0 82.6
51 33.0 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 43.423 ng
RT: 3.731 min Scan# 152
Delta R.T. 0.088 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion: 42 Resp: 402109
Ion Ratio Lower Upper
42 100
74 157.1 115.1 172.7
44 7.1 5.7 8.5

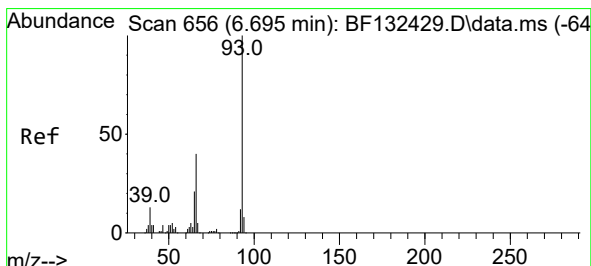
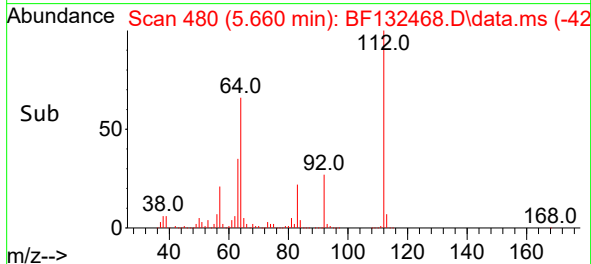
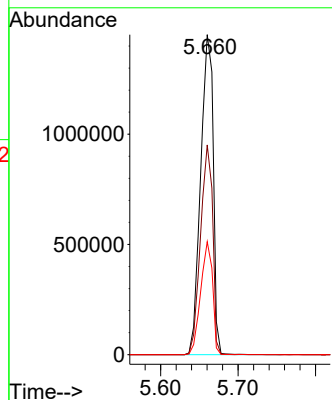
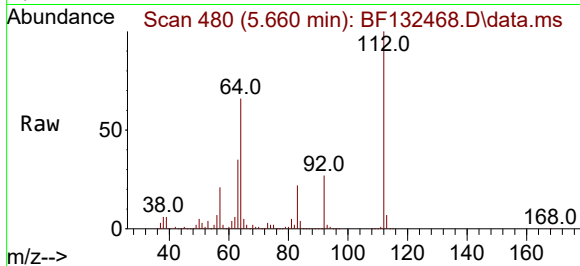




#5
2-Fluorophenol
Concen: 102.360 ng
RT: 5.660 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

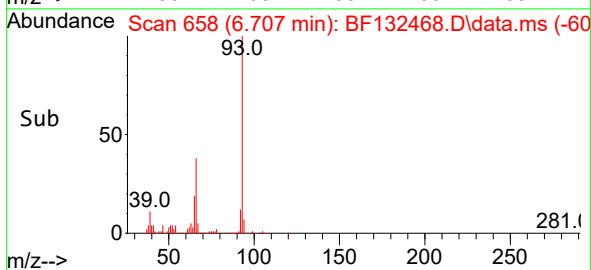
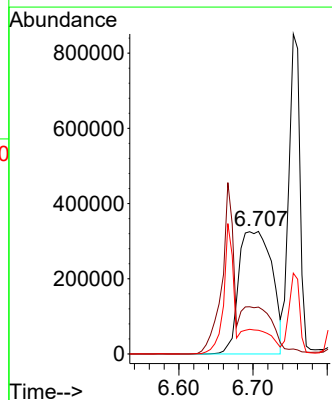
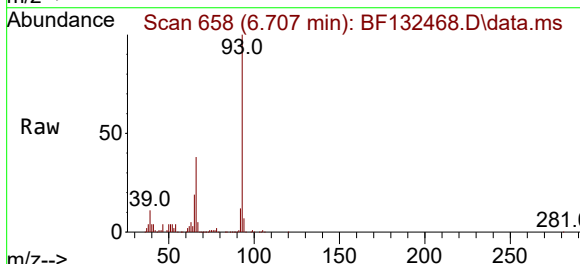
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ClientSampleId :
SB-03-4.0-6.0MSD

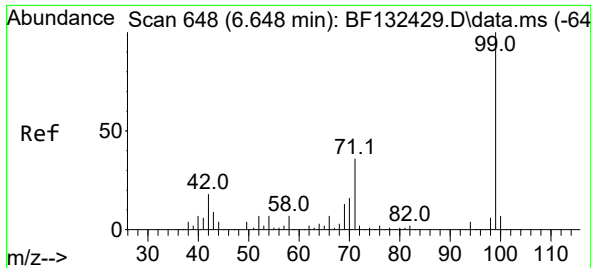
Tgt Ion:112 Resp: 1634889
Ion Ratio Lower Upper
112 100
64 65.5 49.7 74.5
63 35.3 25.8 38.8



#6
Aniline
Concen: 35.091 ng
RT: 6.707 min Scan# 658
Delta R.T. 0.018 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion: 93 Resp: 1019557
Ion Ratio Lower Upper
93 100
66 38.3 32.7 49.1
65 19.3 17.1 25.7





#7

Phenol-d6

Concen: 101.615 ng

RT: 6.654 min Scan# 64

Delta R.T. 0.006 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

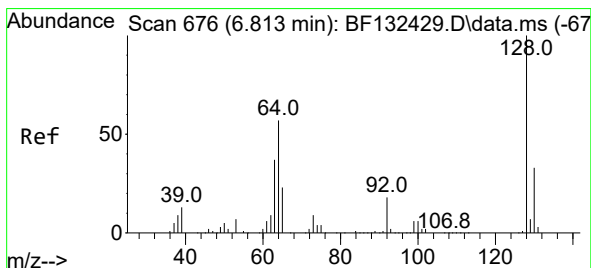
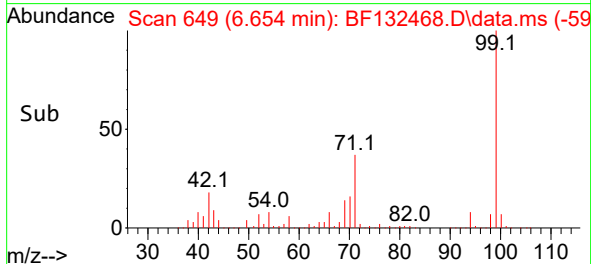
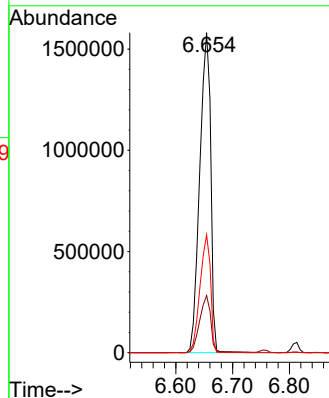
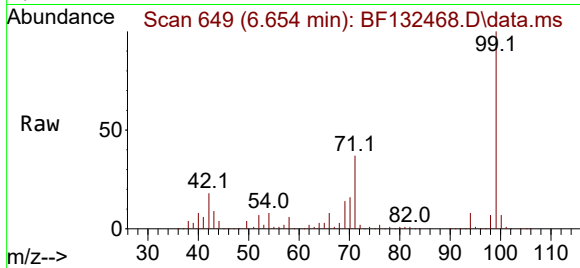
Tgt Ion: 99 Resp: 2119232

Ion Ratio Lower Upper

99 100

42 17.8 14.6 21.8

71 36.8 28.7 43.1



#8

2-Chlorophenol

Concen: 46.592 ng

RT: 6.813 min Scan# 676

Delta R.T. 0.000 min

Lab File: BF132468.D

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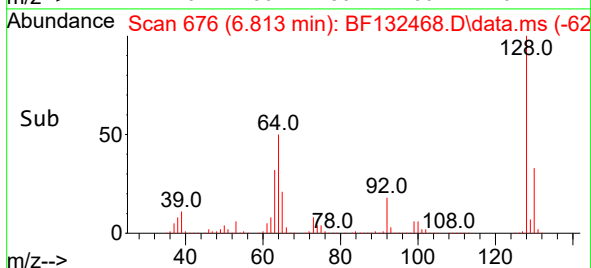
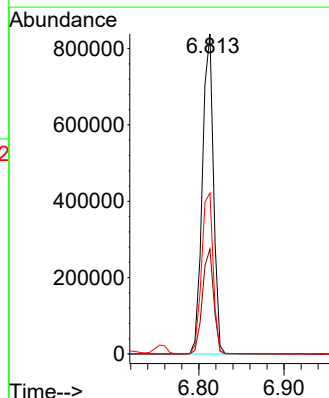
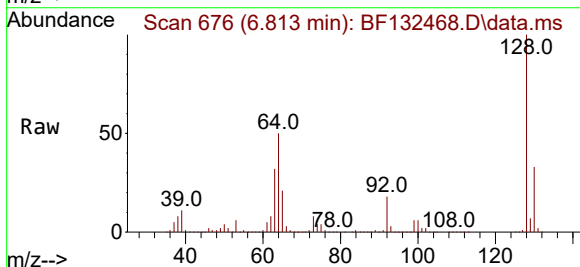
Tgt Ion:128 Resp: 759698

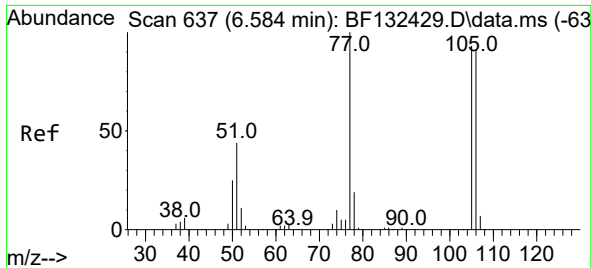
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 50.3 37.9 77.9

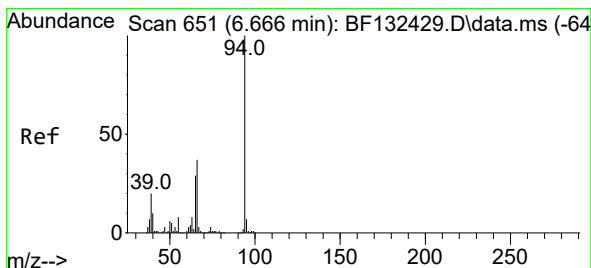
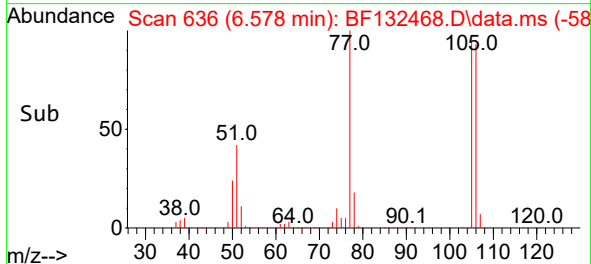
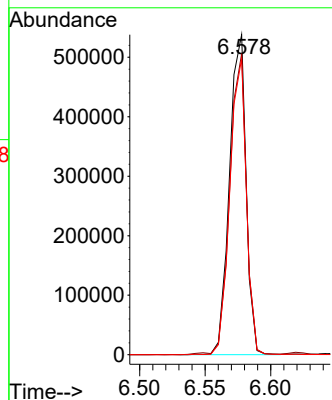
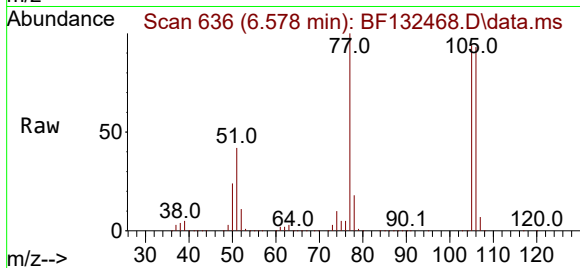




#9
Benzaldehyde
Concen: 42.508 ng
RT: 6.578 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

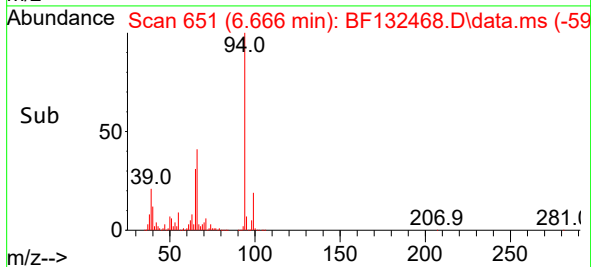
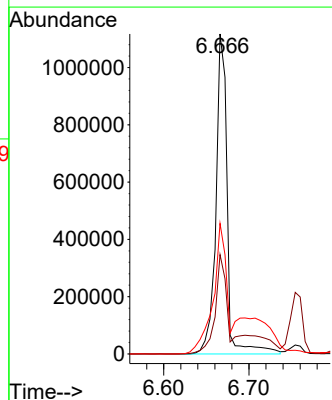
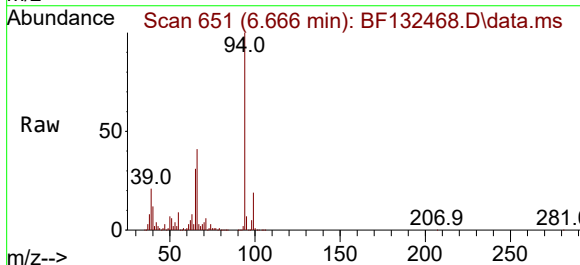
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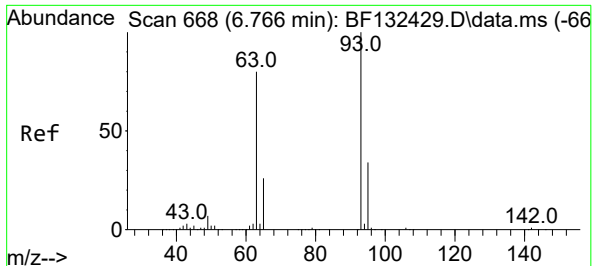
Tgt Ion: 77 Resp: 473998
Ion Ratio Lower Upper
77 100
105 94.1 73.2 113.2
106 92.6 71.5 111.5



#10
Phenol
Concen: 46.489 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion: 94 Resp: 1027480
Ion Ratio Lower Upper
94 100
65 31.1 9.0 49.0
66 40.8 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 47.381 ng

RT: 6.754 min Scan# 6

Delta R.T. -0.006 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

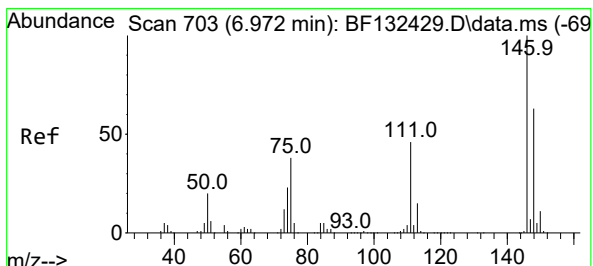
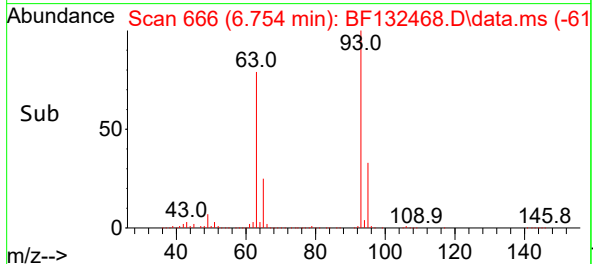
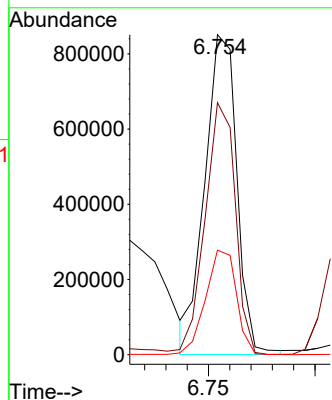
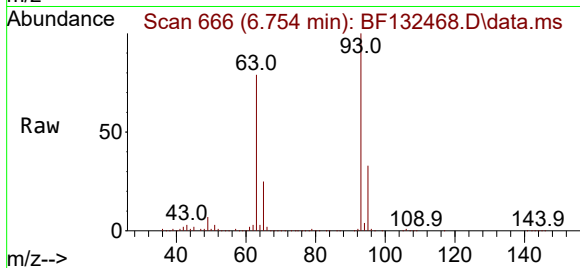
Tgt Ion: 93 Resp: 888281

Ion Ratio Lower Upper

93 100

63 78.8 58.6 98.6

95 32.7 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 45.254 ng

RT: 6.966 min Scan# 702

Delta R.T. 0.000 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

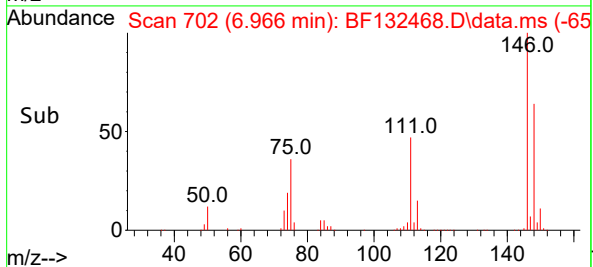
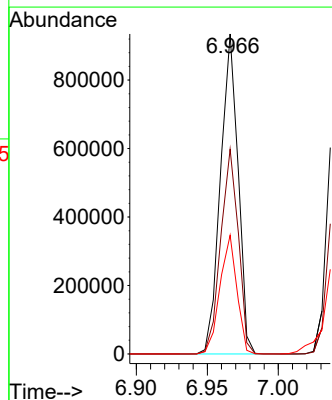
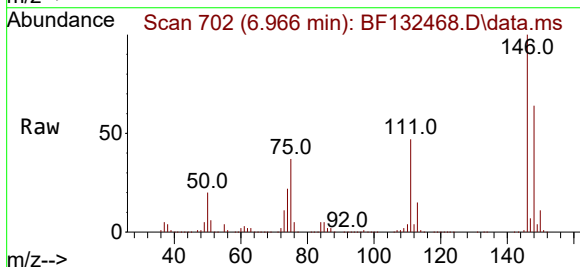
Tgt Ion:146 Resp: 803829

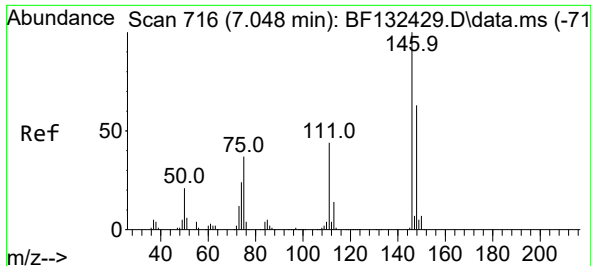
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

75 37.1 30.3 45.5

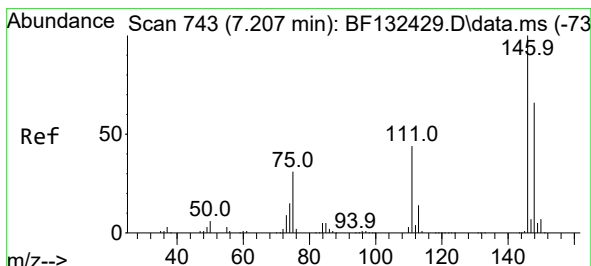
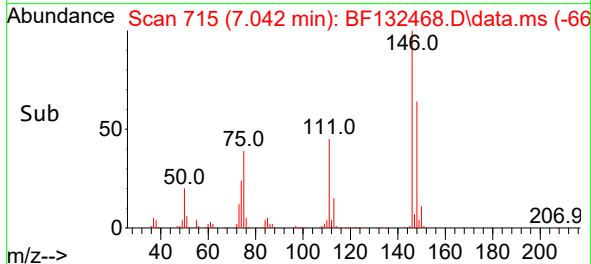
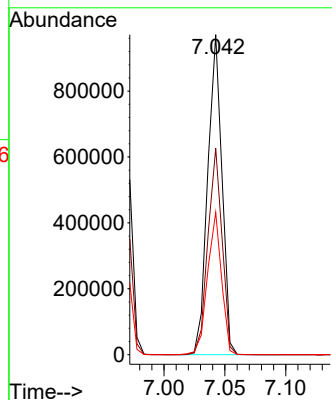
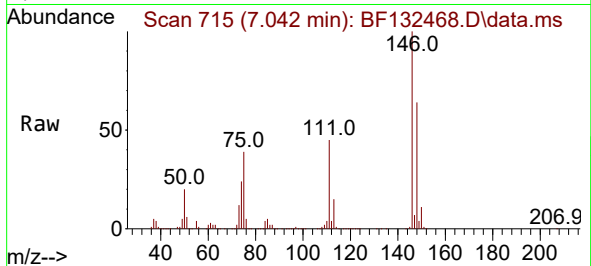




#13
1,4-Dichlorobenzene
Concen: 44.437 ng
RT: 7.042 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

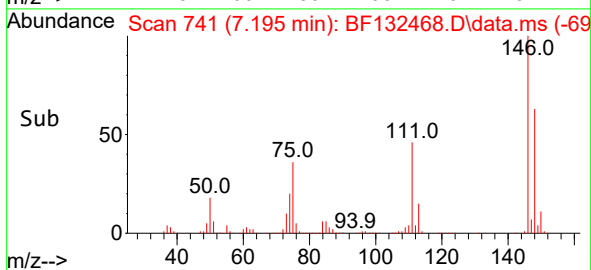
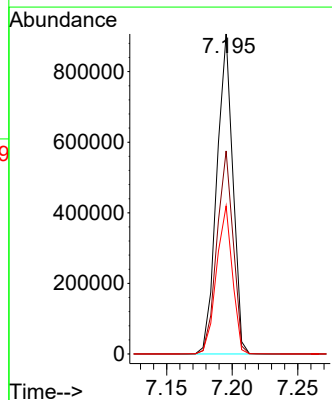
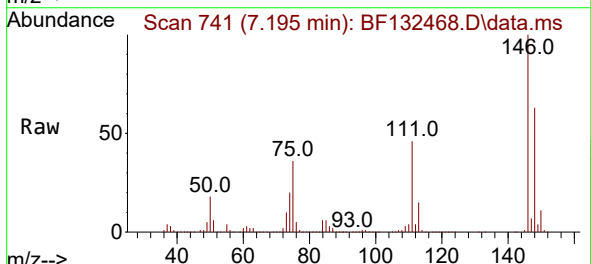
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

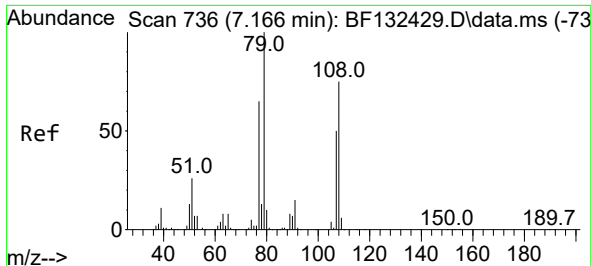
Tgt Ion:146 Resp: 787372
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
111 44.5 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 47.393 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:146 Resp: 769355
Ion Ratio Lower Upper
146 100
148 63.5 52.4 78.6
111 46.3 35.5 53.3

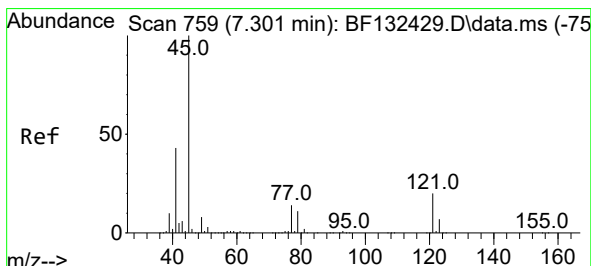
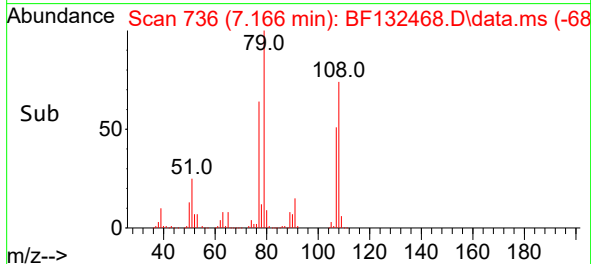
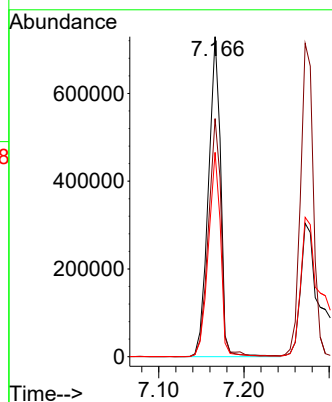
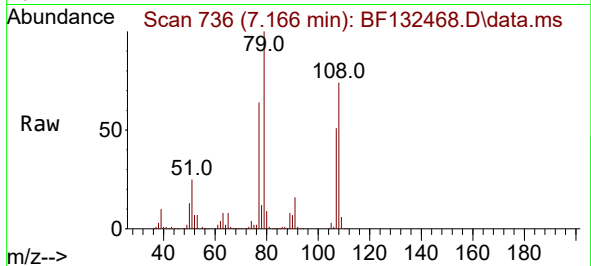




#15
Benzyl Alcohol
Concen: 47.241 ng
RT: 7.166 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

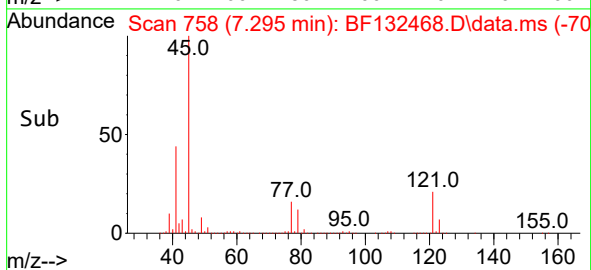
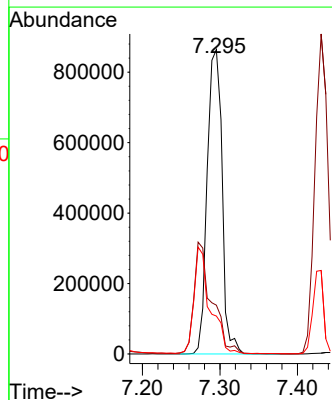
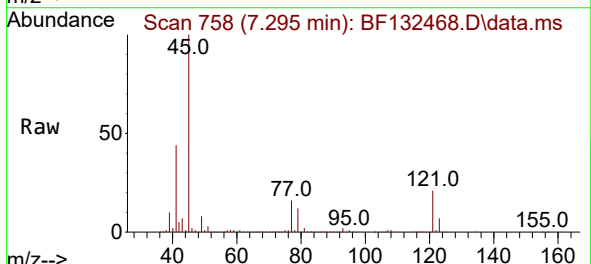
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

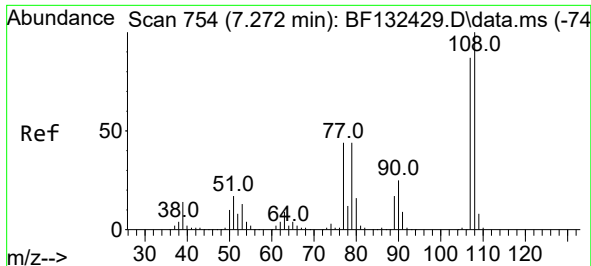
Tgt Ion: 79 Resp: 728763
Ion Ratio Lower Upper
79 100
108 74.4 59.8 89.6
77 63.9 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.074 ng
RT: 7.295 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion: 45 Resp: 1148850
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.3
79 12.5 0.0 31.3

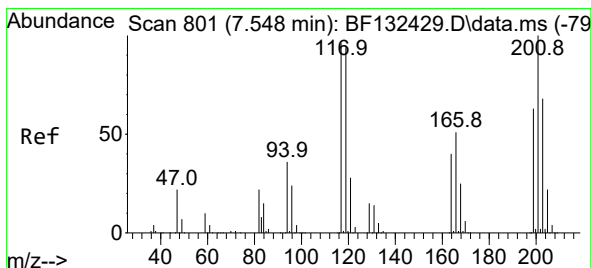
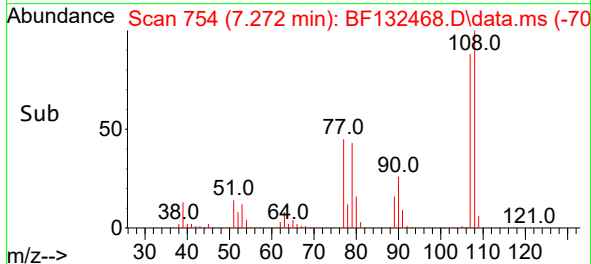
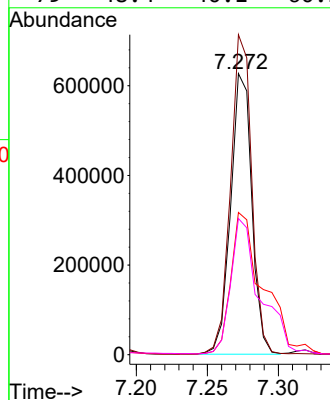
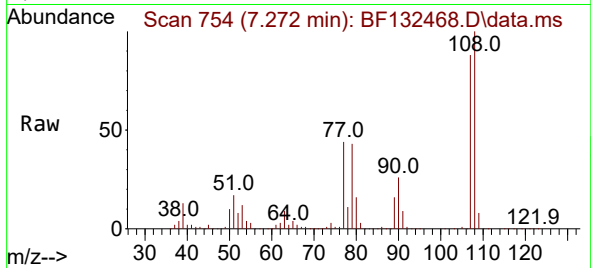




#17
2-Methylphenol
Concen: 41.730 ng
RT: 7.272 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

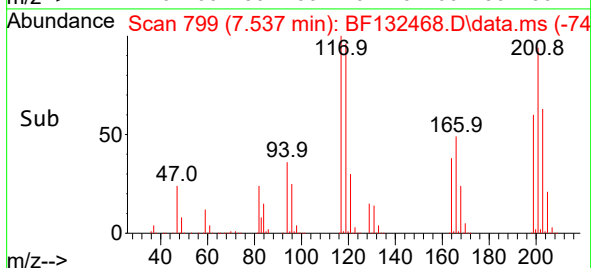
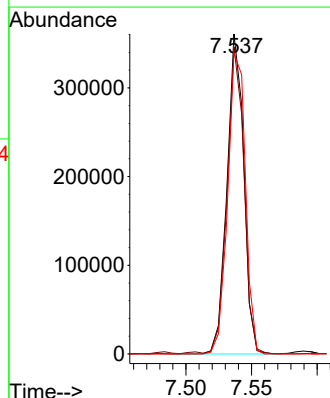
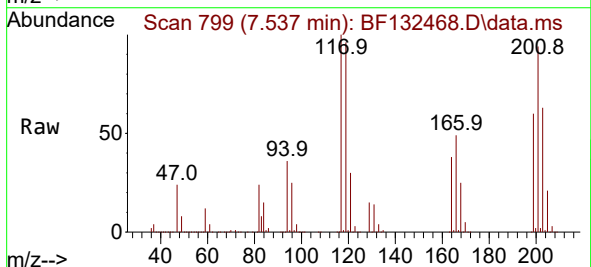
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

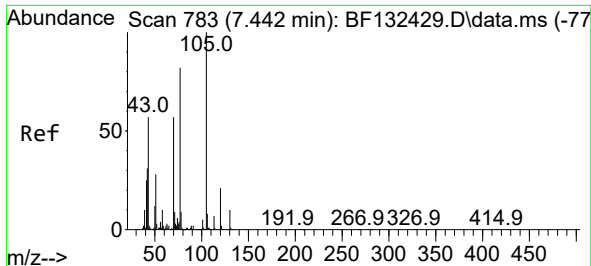
Tgt Ion:107 Resp: 647733
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 50.6 40.7 61.1
79 48.4 40.1 60.1



#18
Hexachloroethane
Concen: 47.958 ng
RT: 7.537 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:117 Resp: 320859
Ion Ratio Lower Upper
117 100
119 96.0 78.8 118.2
201 93.9 83.5 125.3



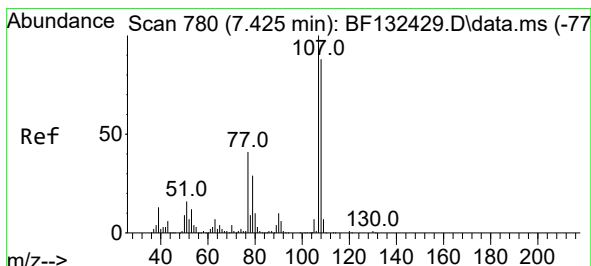
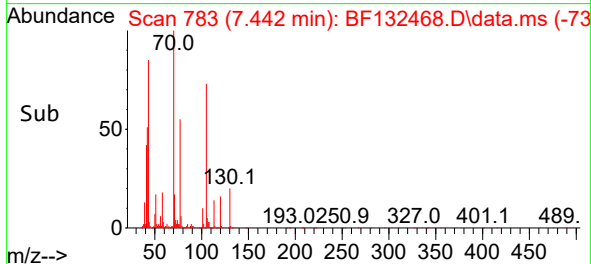
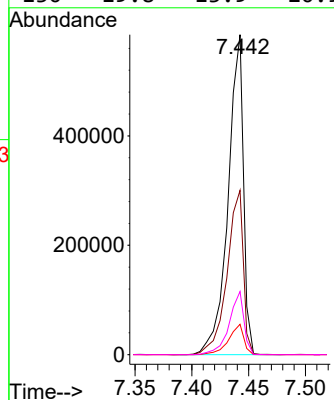
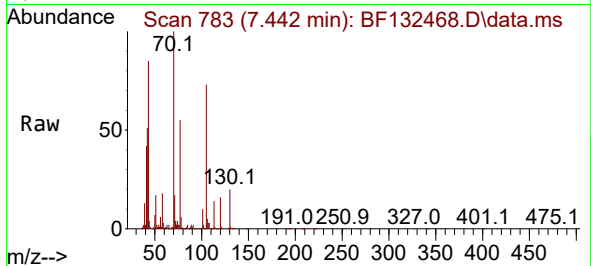


#19
n-Nitroso-di-n-propylamine
Concen: 42.969 ng
RT: 7.442 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

Tgt Ion: 70 Resp: 549384

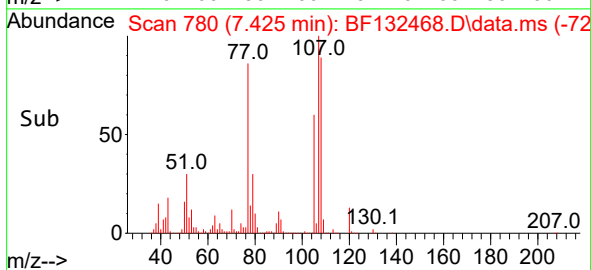
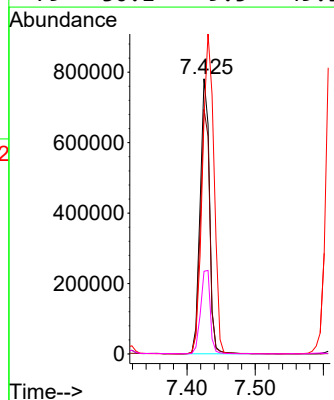
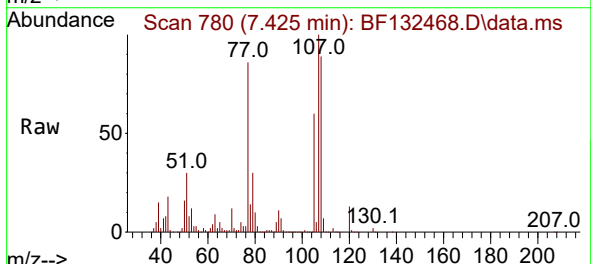
Ion	Ratio	Lower	Upper
70	100		
42	51.3	43.5	65.3
101	9.5	7.3	10.9
130	19.8	13.9	20.9

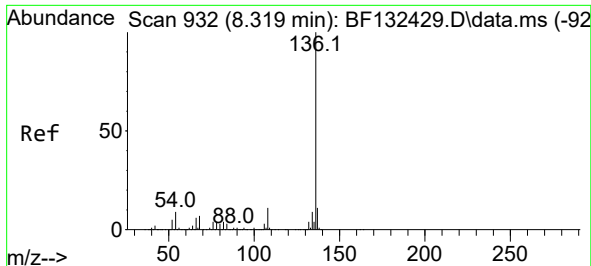


#20
3+4-Methylphenols
Concen: 38.596 ng
RT: 7.425 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion: 107 Resp: 739677

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.1	108.1
77	86.2	21.3	61.3#
79	30.1	9.5	49.5

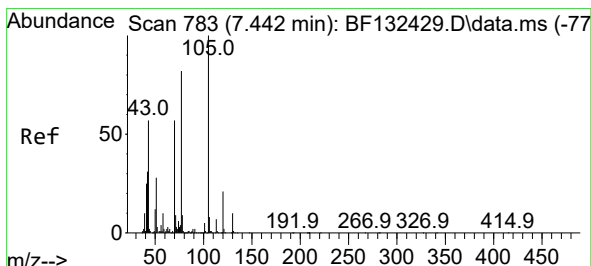
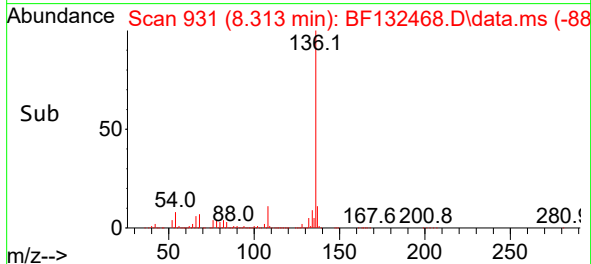
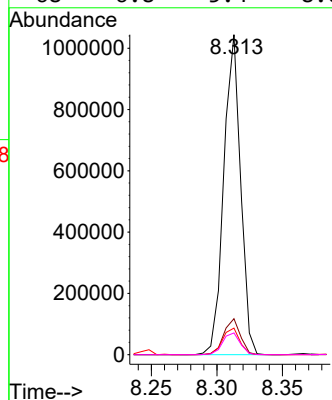
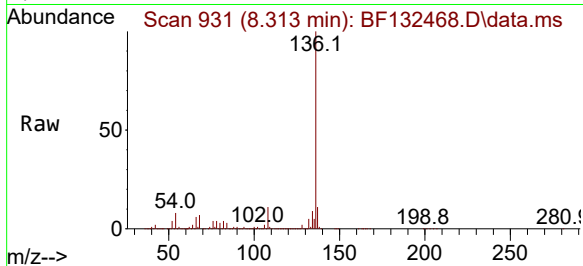




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

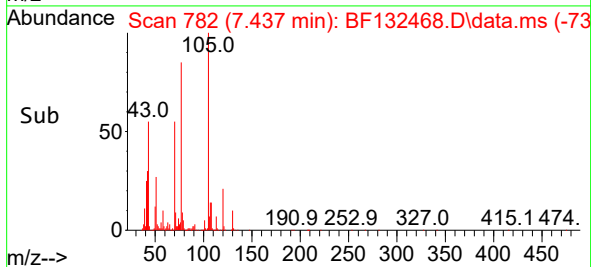
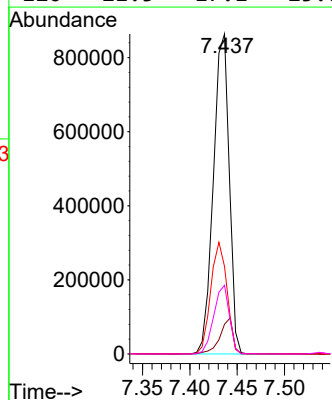
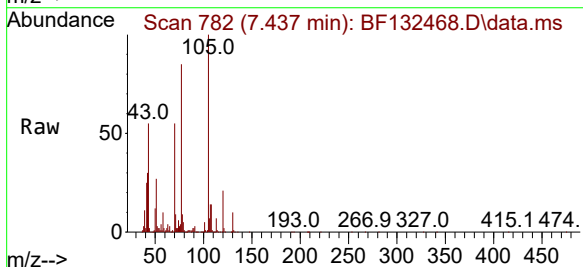
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

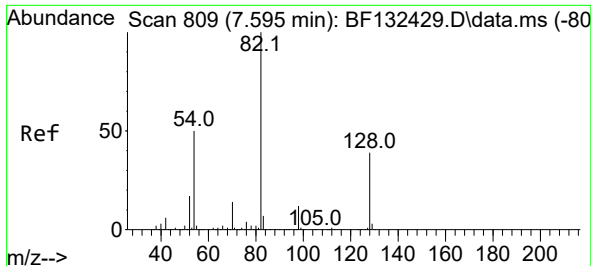
Tgt Ion:136 Resp: 928515
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 6.9 10.3
68 6.8 5.4 8.0



#22
Acetophenone
Concen: 41.720 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:105 Resp: 1003960
Ion Ratio Lower Upper
105 100
71 9.3 7.3 10.9
51 27.4 22.2 33.2
120 21.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 73.924 ng

RT: 7.589 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

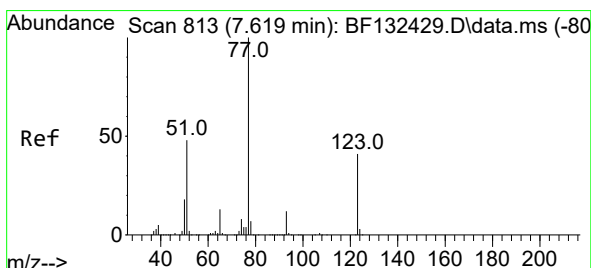
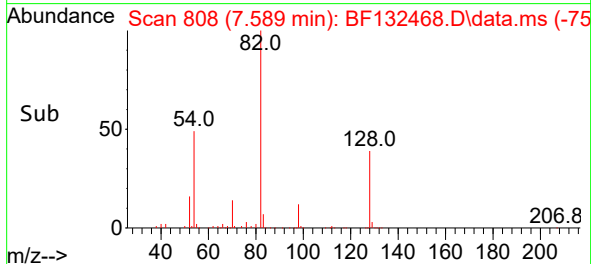
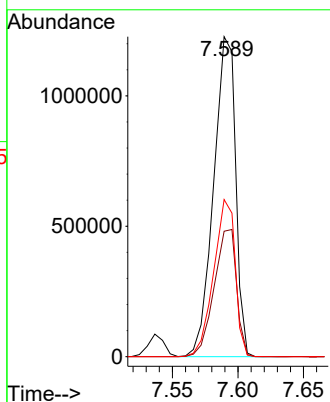
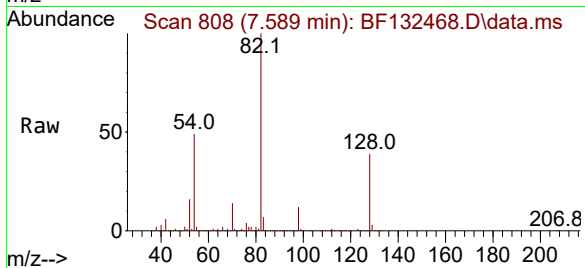
BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

Tgt Ion: 82 Resp: 1428515

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.8	46.2
54	49.1	40.2	60.4



#24

Nitrobenzene

Concen: 42.521 ng

RT: 7.613 min Scan# 812

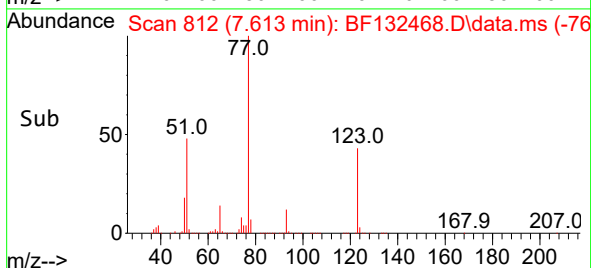
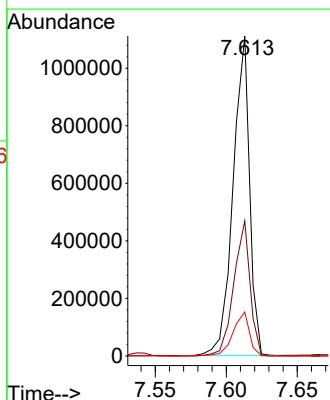
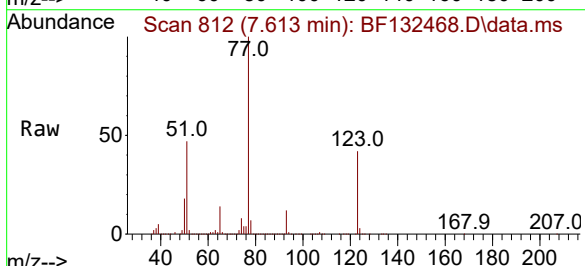
Delta R.T. 0.000 min

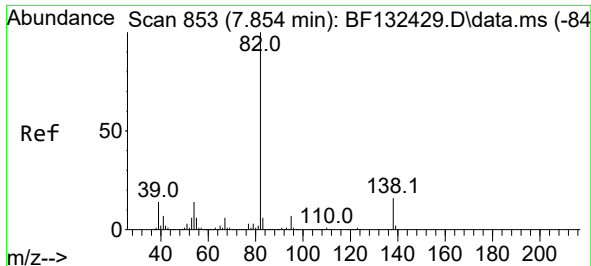
Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Tgt Ion: 77 Resp: 900885

Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.2	49.8
65	13.7	10.4	15.6

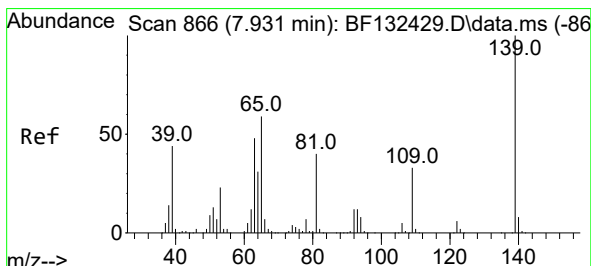
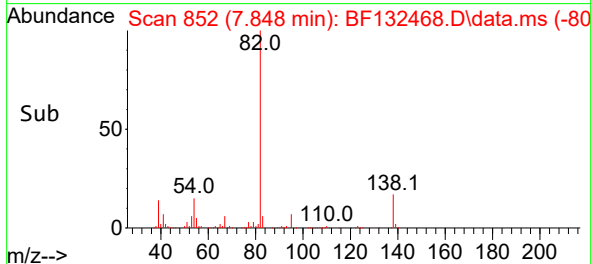
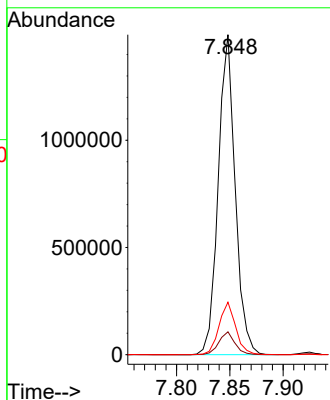
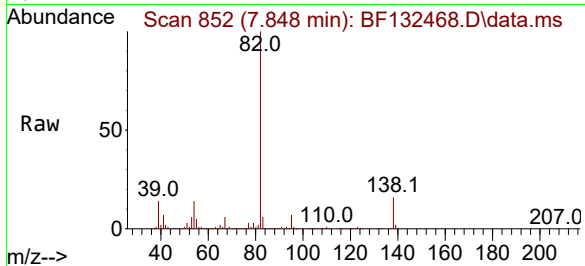




#25
Isophorone
Concen: 43.364 ng
RT: 7.848 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

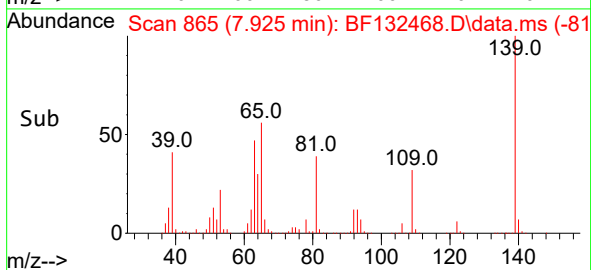
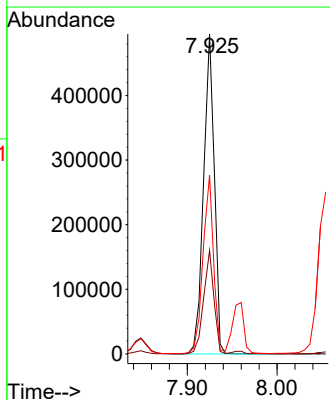
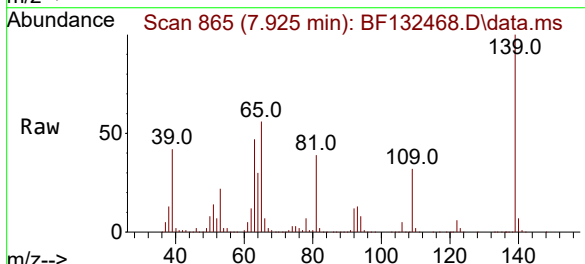
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

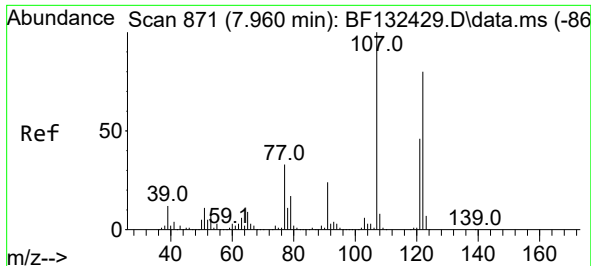
Tgt Ion: 82 Resp: 1646614
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.4 12.7 19.1



#26
2-Nitrophenol
Concen: 50.047 ng
RT: 7.925 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:139 Resp: 412190
Ion Ratio Lower Upper
139 100
109 32.4 26.3 39.5
65 55.9 47.4 71.0

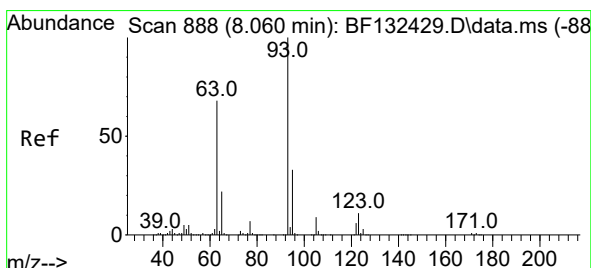
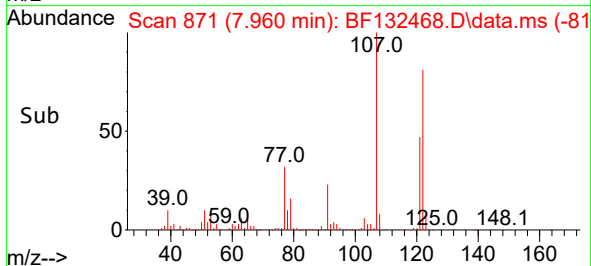
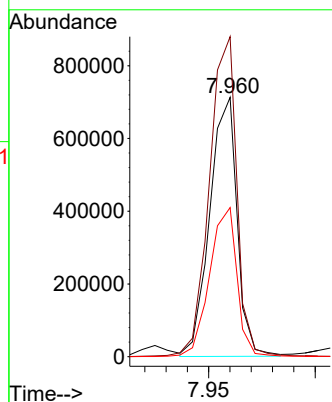
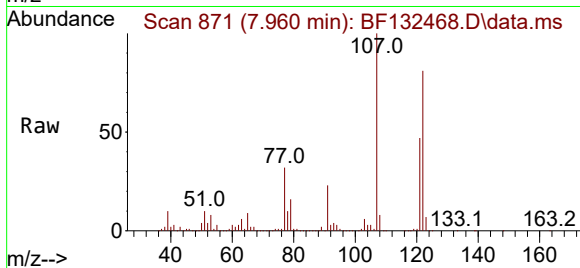




#27
2,4-Dimethylphenol
Concen: 42.768 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

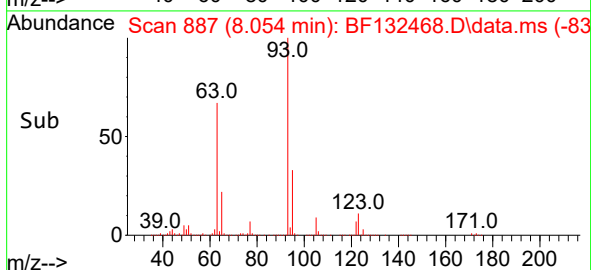
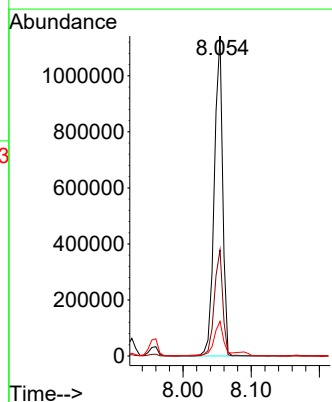
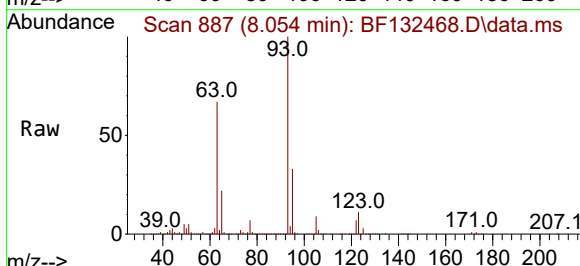
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

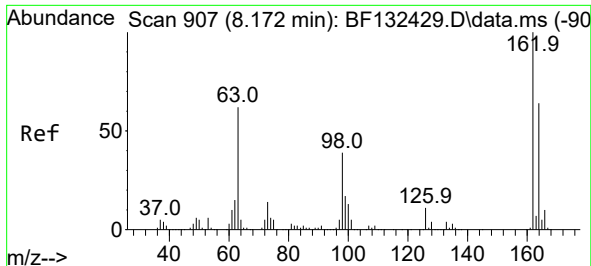
Tgt Ion:122 Resp: 635981
Ion Ratio Lower Upper
122 100
107 123.4 99.9 149.9
121 57.5 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.960 ng
RT: 8.054 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion: 93 Resp: 975478
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 43.711 ng

RT: 8.166 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF132468.D

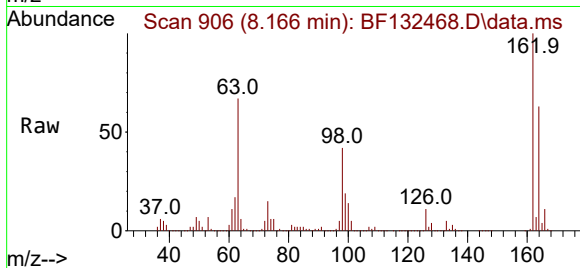
Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD



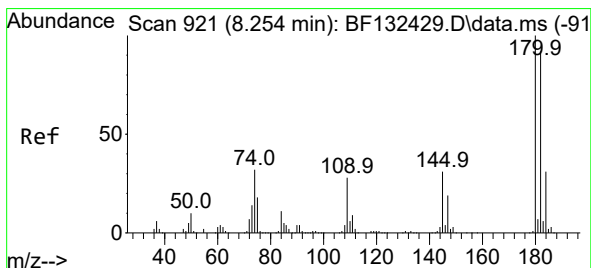
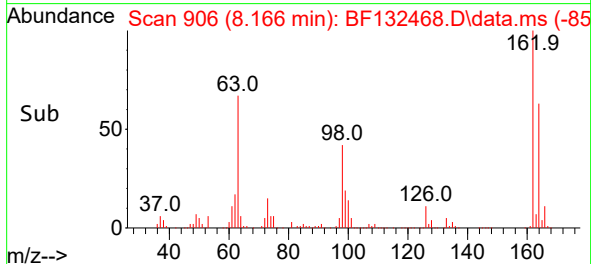
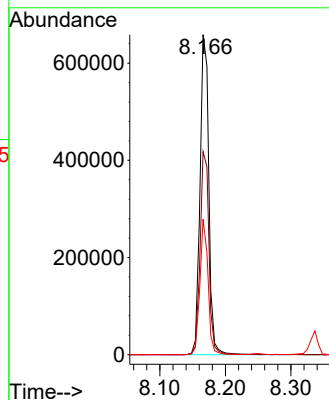
Tgt Ion:162 Resp: 613215

Ion Ratio Lower Upper

162 100

164 63.4 44.0 84.0

98 42.3 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 44.010 ng

RT: 8.248 min Scan# 920

Delta R.T. 0.000 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

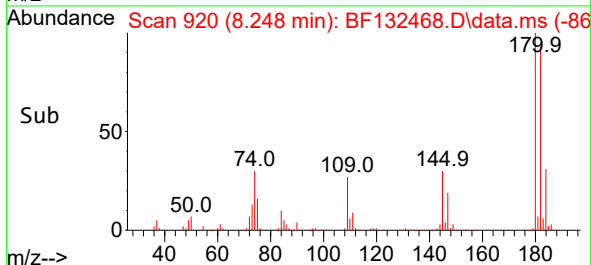
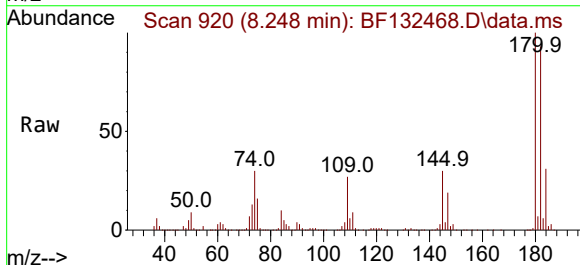
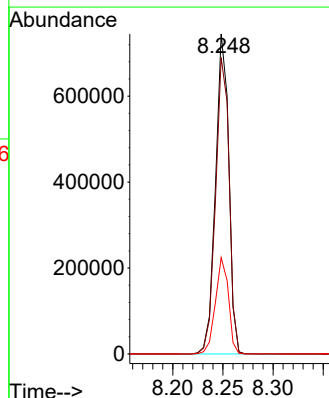
Tgt Ion:180 Resp: 686647

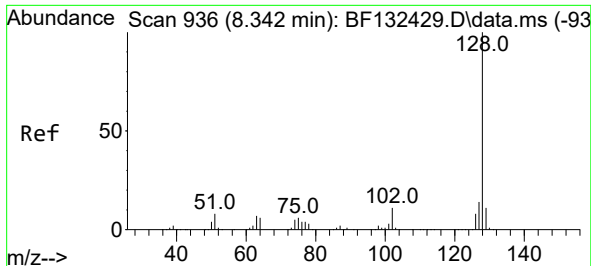
Ion Ratio Lower Upper

180 100

182 92.6 73.8 110.8

145 30.1 24.4 36.6

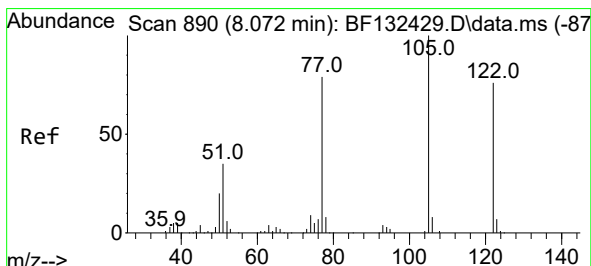
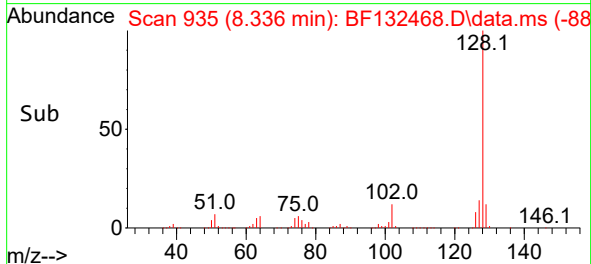
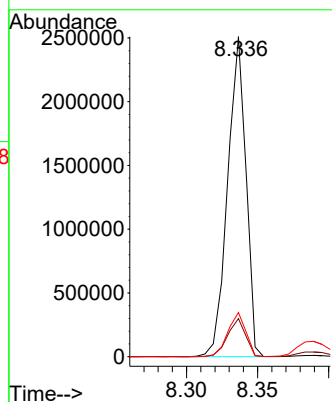
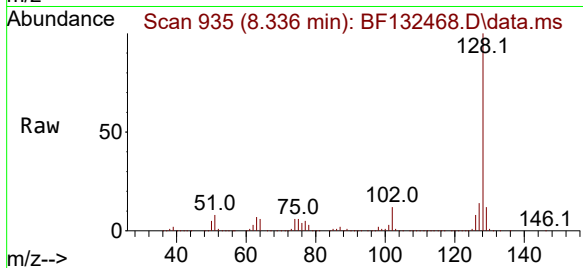




#31
Naphthalene
Concen: 46.669 ng
RT: 8.336 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

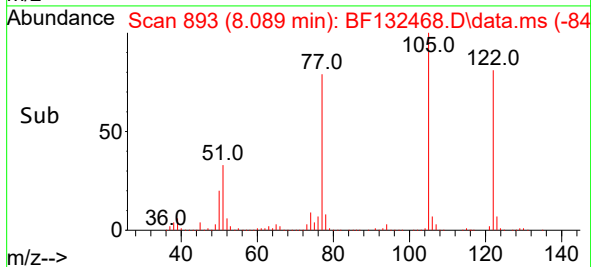
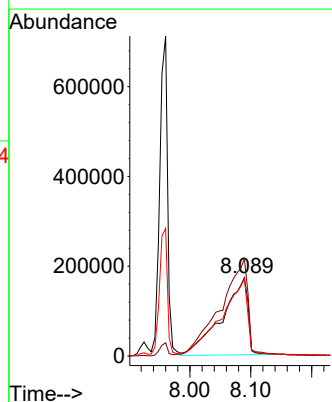
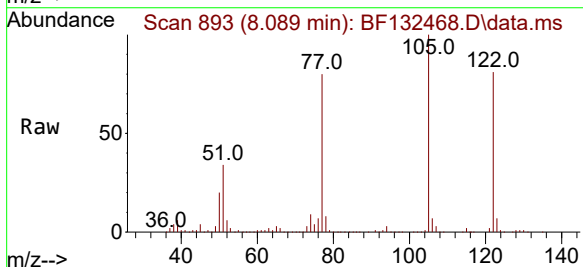
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

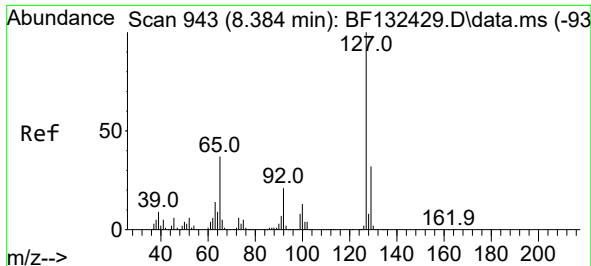
Tgt Ion:128 Resp: 2248804
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 13.8 11.0 16.4



#32
Benzoic acid
Concen: 48.046 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.012 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:122 Resp: 516033
Ion Ratio Lower Upper
122 100
105 124.1 109.7 149.7
77 98.7 83.8 123.8

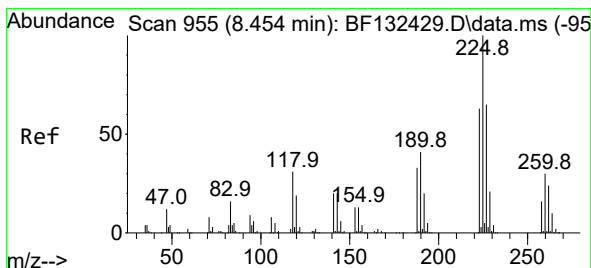
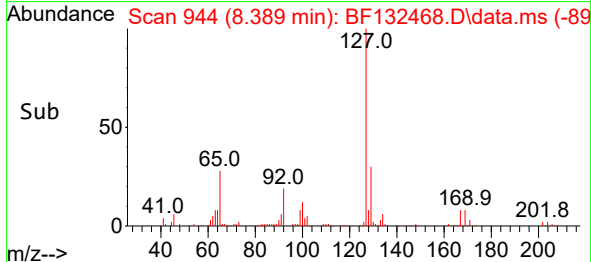
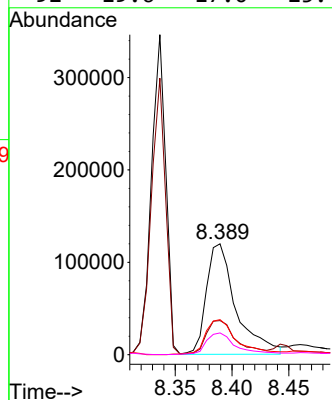
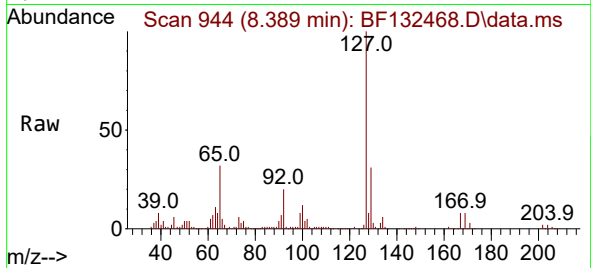




#33
4-Chloroaniline
Concen: 10.852 ng
RT: 8.389 min Scan# 943
Delta R.T. 0.012 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

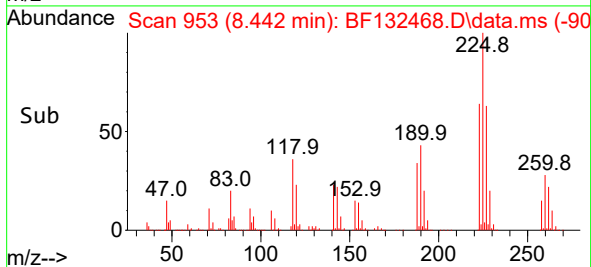
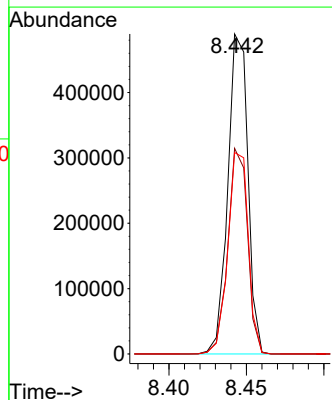
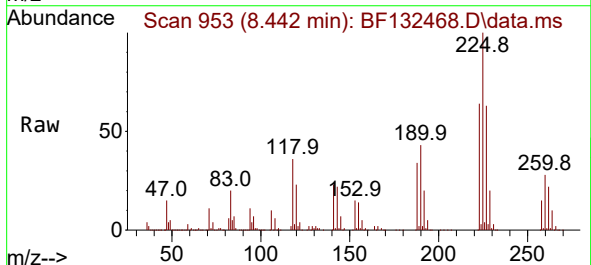
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

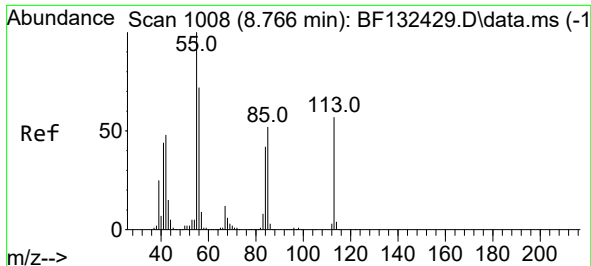
Tgt Ion:	127	Resp:	217266
Ion Ratio	Lower	Upper	
127	100		
129	30.8	25.9	38.9
65	31.7	29.8	44.6
92	19.6	17.0	25.4



#34
Hexachlorobutadiene
Concen: 44.798 ng
RT: 8.442 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:	225	Resp:	441261
Ion Ratio	Lower	Upper	
225	100		
223	64.2	50.6	76.0
227	63.0	52.2	78.4

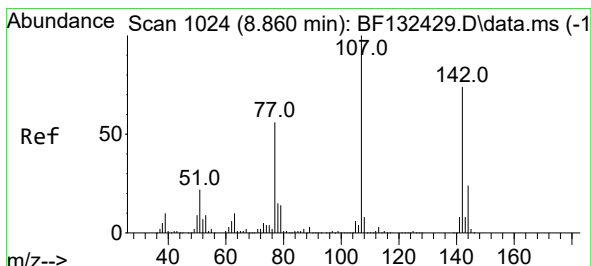
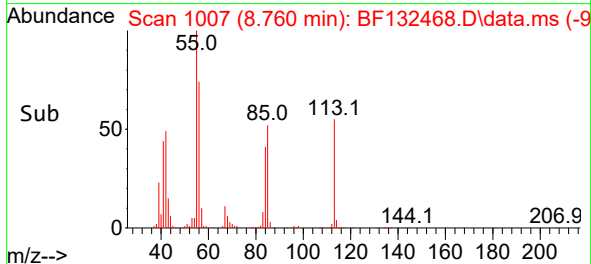
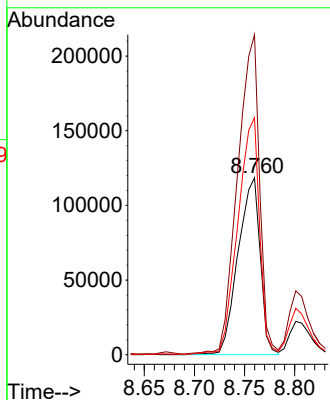
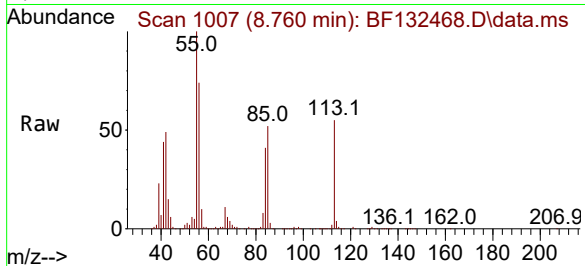




#35
 Caprolactam
 Concen: 39.870 ng
 RT: 8.760 min Scan# 1008
 Delta R.T. -0.006 min
 Lab File: BF132468.D
 Acq: 18 Feb 2023 00:57

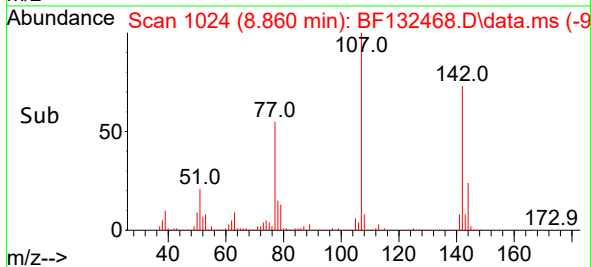
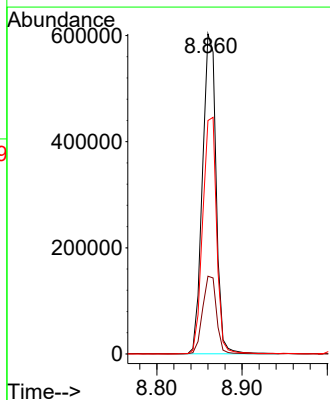
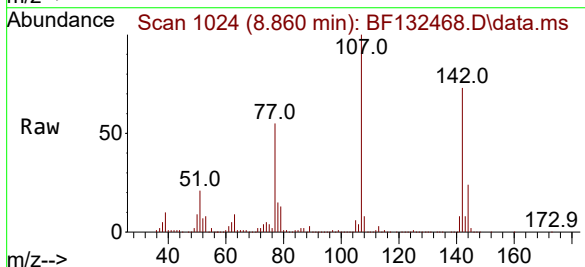
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MSD

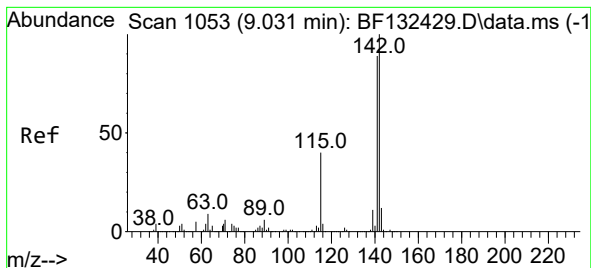
Tgt Ion:113 Resp: 181583
 Ion Ratio Lower Upper
 113 100
 55 180.9 155.8 195.8
 56 134.0 107.3 147.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.635 ng
 RT: 8.860 min Scan# 1024
 Delta R.T. 0.006 min
 Lab File: BF132468.D
 Acq: 18 Feb 2023 00:57

Tgt Ion:107 Resp: 669240
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.8 28.2
 142 72.9 58.8 88.2





#37

2-Methylnaphthalene

Concen: 43.247 ng

RT: 9.025 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

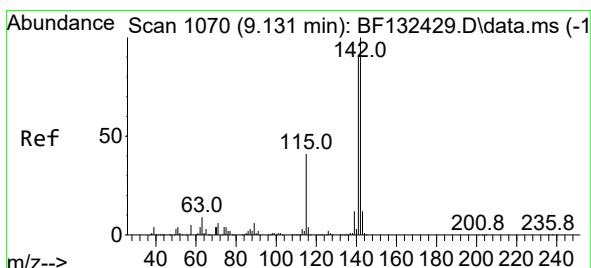
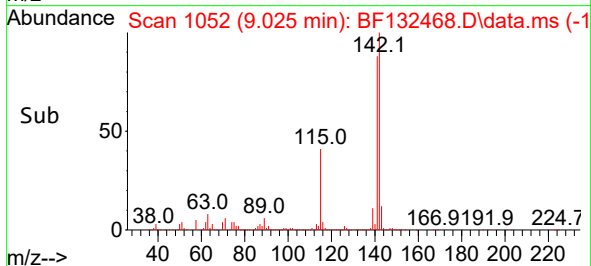
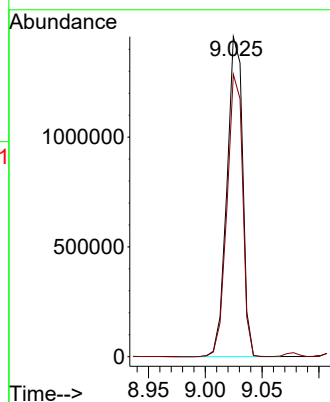
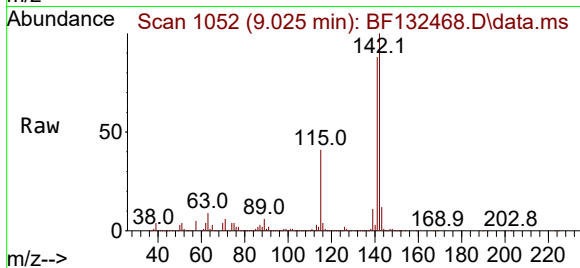
SB-03-4.0-6.0MSD

Tgt Ion:142 Resp: 1402481

Ion Ratio Lower Upper

142 100

141 88.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 43.116 ng

RT: 9.131 min Scan# 1070

Delta R.T. 0.006 min

Lab File: BF132468.D

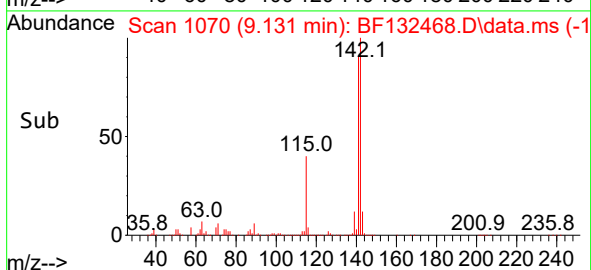
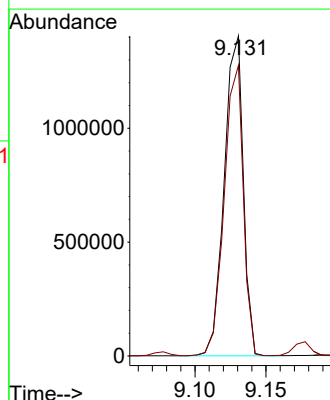
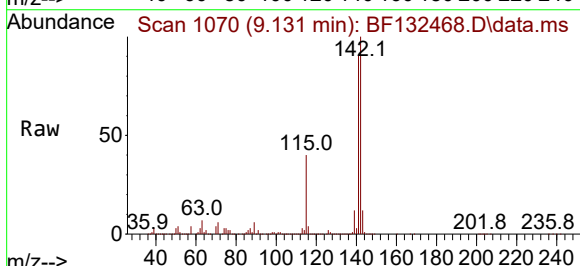
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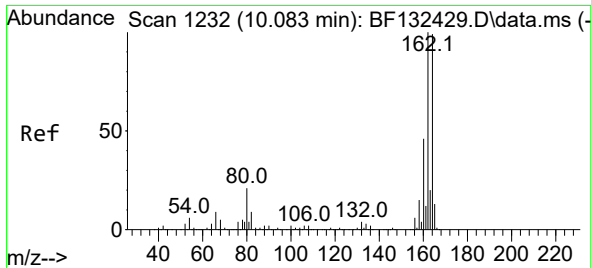
Tgt Ion:142 Resp: 1313616

Ion Ratio Lower Upper

142 100

141 90.8 72.7 109.1

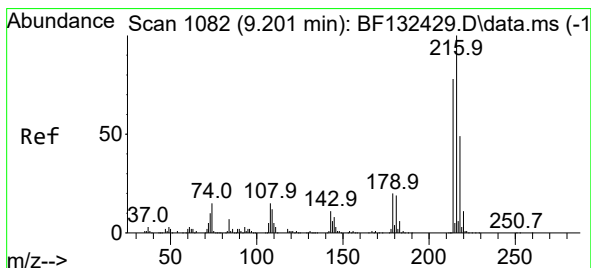
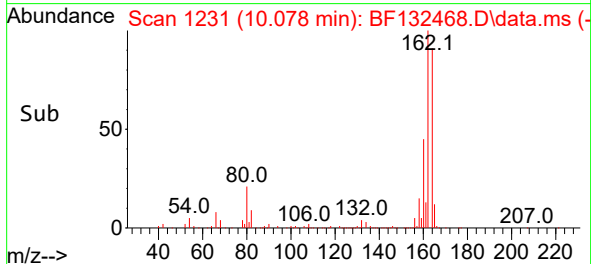
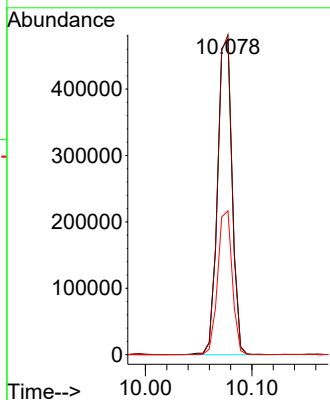
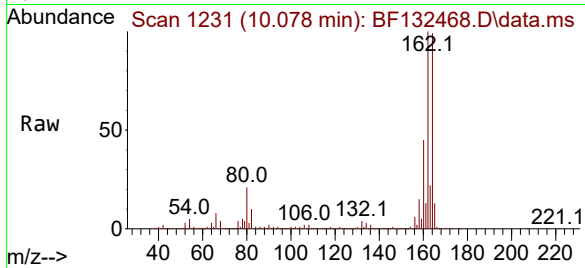




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

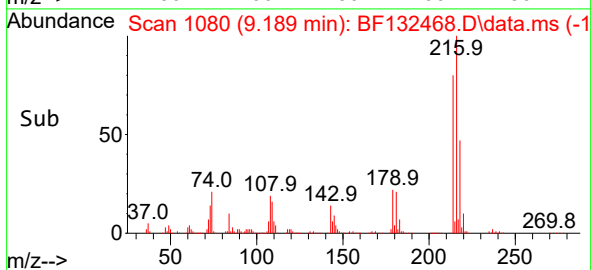
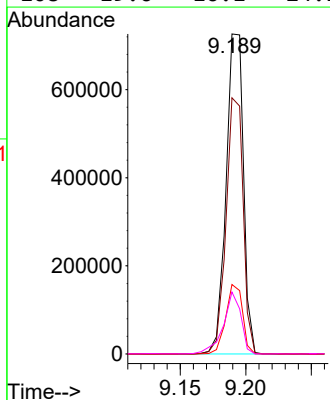
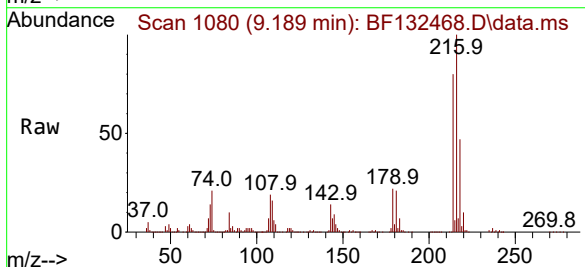
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

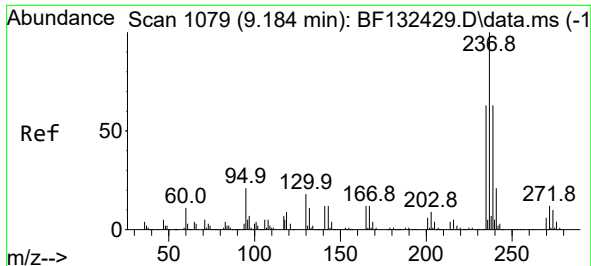
Tgt Ion:164 Resp: 450474
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 45.6 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.829 ng
RT: 9.189 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:216 Resp: 668950
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 20.9 16.4 24.6
108 19.6 16.1 24.1

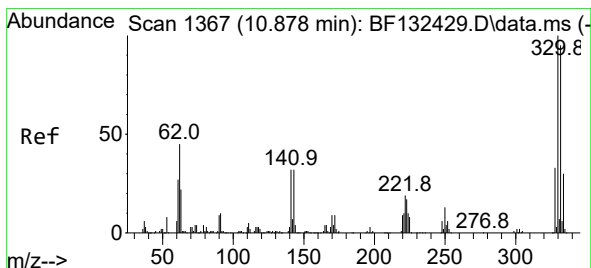
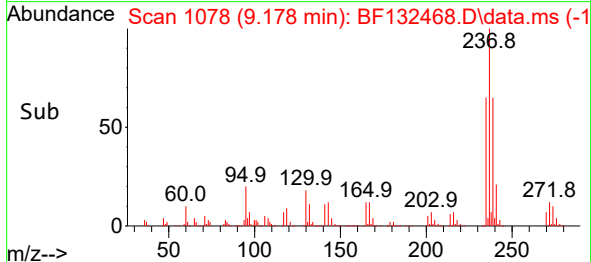
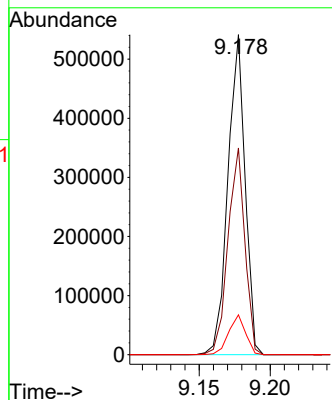
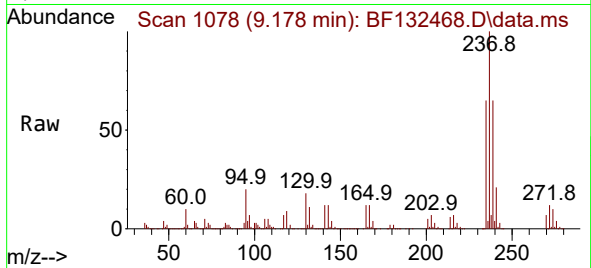




#41
Hexachlorocyclopentadiene
Concen: 56.740 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

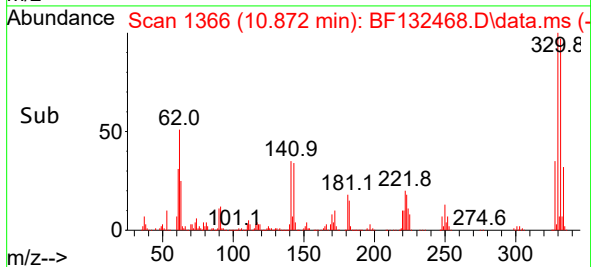
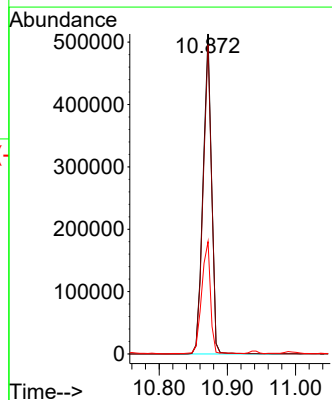
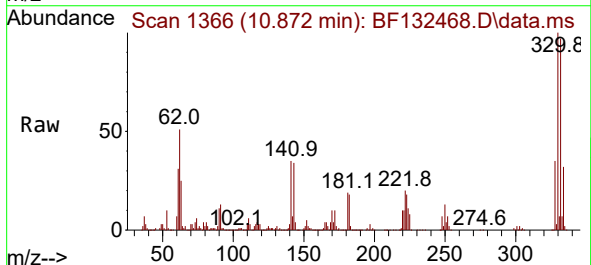
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

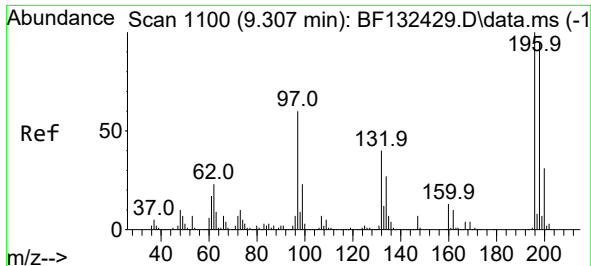
Tgt Ion:237 Resp: 454890
Ion Ratio Lower Upper
237 100
235 64.6 43.1 83.1
272 12.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 98.847 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:330 Resp: 444273
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 36.7 30.3 45.5

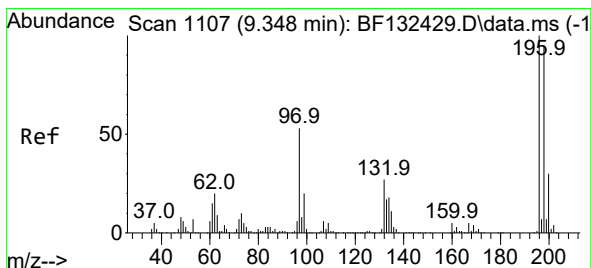
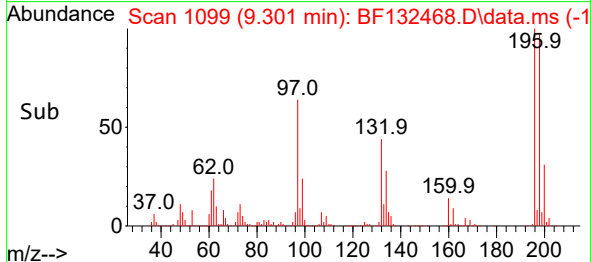
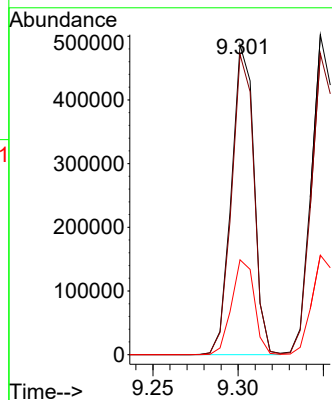
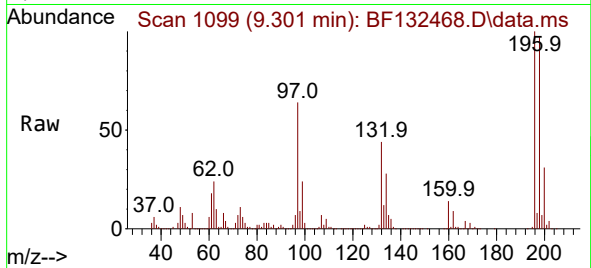




#43
2,4,6-Trichlorophenol
Concen: 46.517 ng
RT: 9.301 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

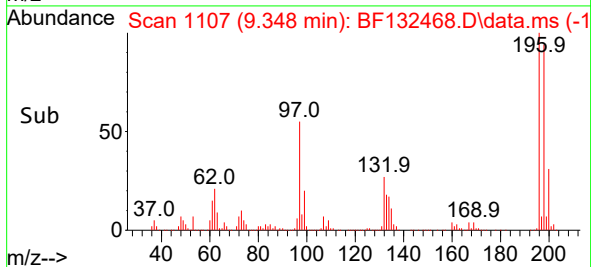
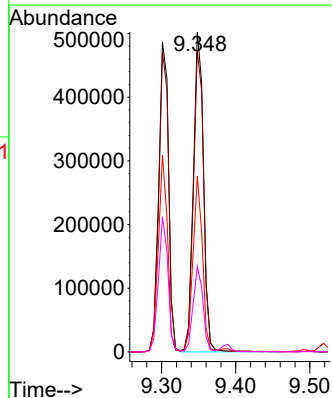
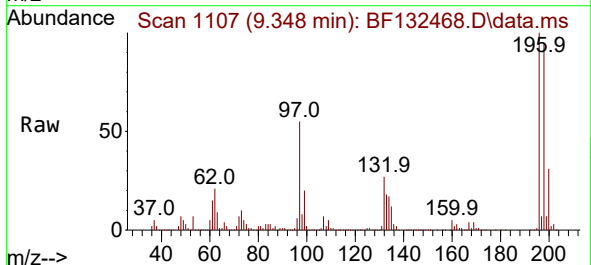
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

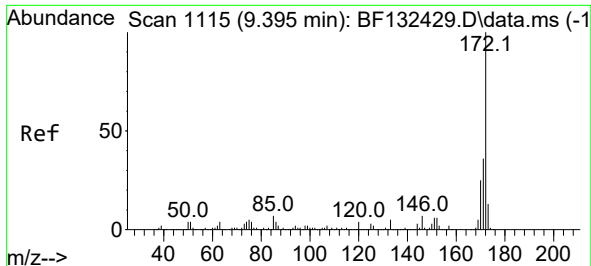
Tgt Ion:196 Resp: 447282
Ion Ratio Lower Upper
196 100
198 96.9 76.3 114.5
200 30.6 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 42.707 ng
RT: 9.348 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:196 Resp: 478297
Ion Ratio Lower Upper
196 100
198 94.1 76.2 114.4
97 55.0 42.4 63.6
132 26.7 21.4 32.0

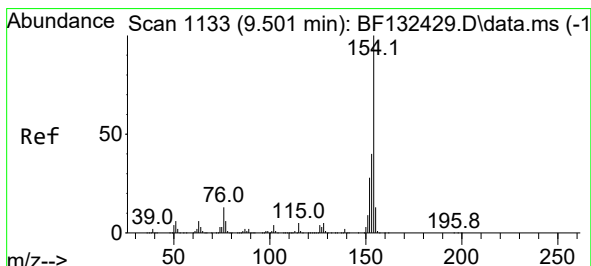
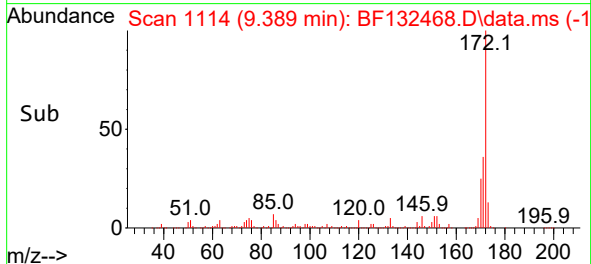
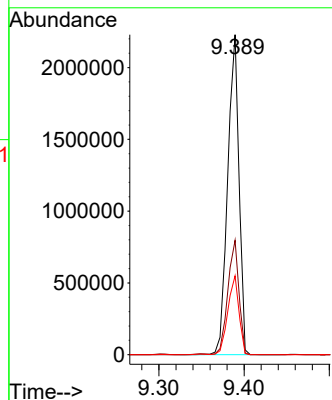
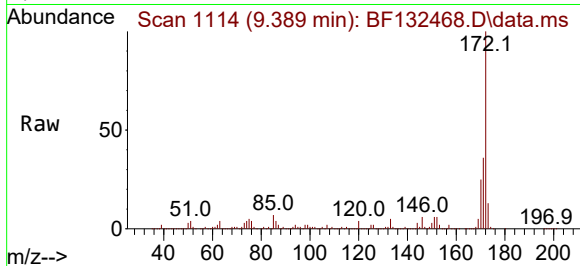




#45
2-Fluorobiphenyl
Concen: 70.497 ng
RT: 9.389 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

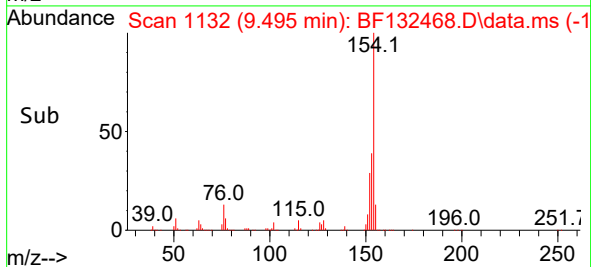
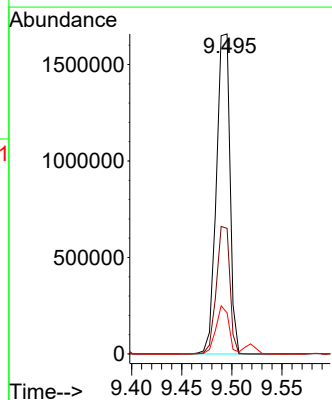
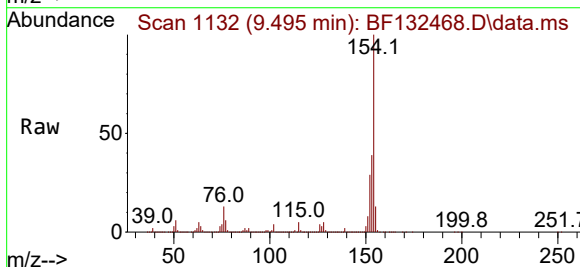
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

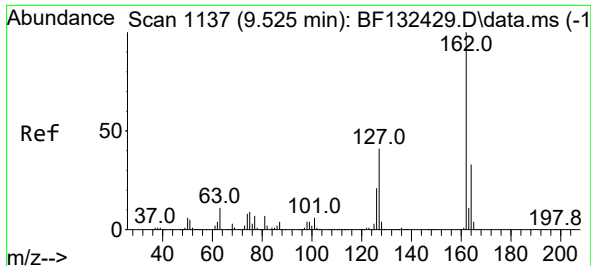
Tgt Ion:172 Resp: 2056409
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.7 19.9 29.9



#46
1,1'-Biphenyl
Concen: 44.718 ng
RT: 9.495 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:154 Resp: 1559136
Ion Ratio Lower Upper
154 100
153 39.3 20.2 60.2
76 12.8 0.0 33.3

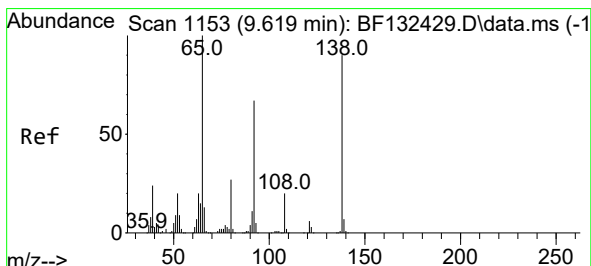
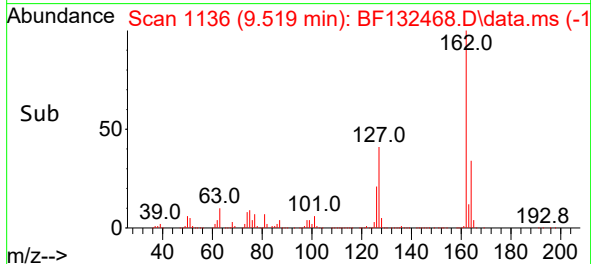
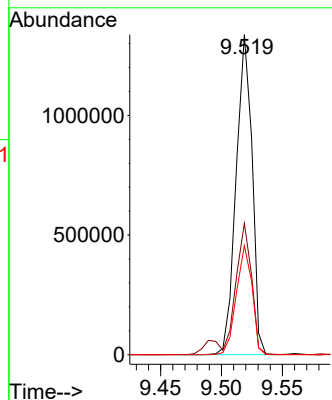
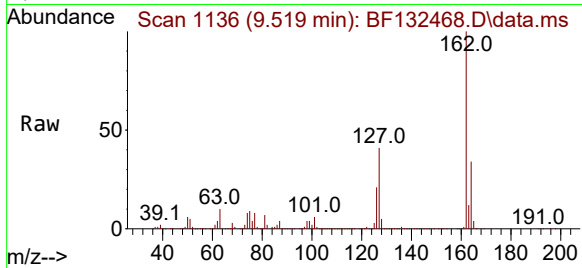




#47
2-Chloronaphthalene
Concen: 44.421 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

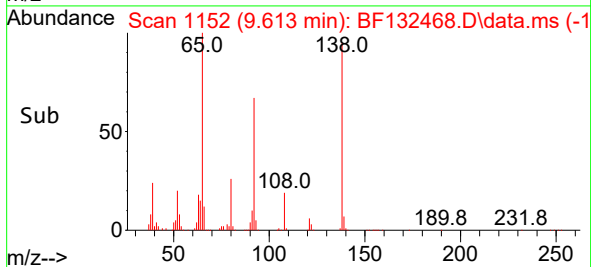
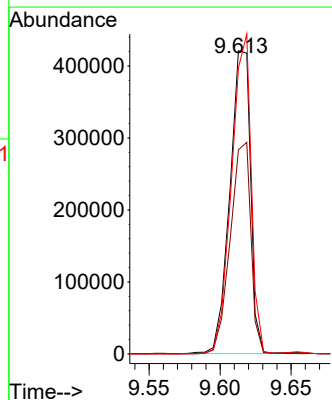
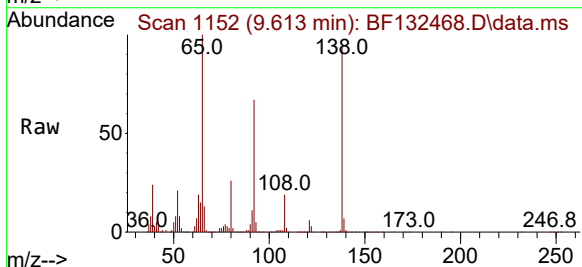
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

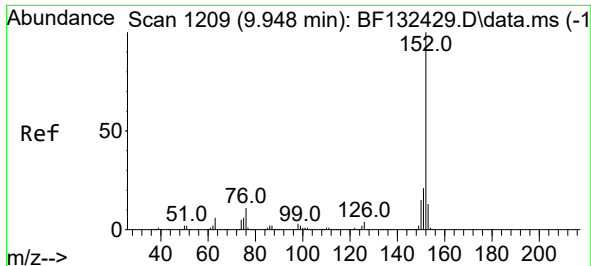
Tgt Ion:162 Resp: 1215625
Ion Ratio Lower Upper
162 100
127 41.0 33.0 49.4
164 34.0 26.6 39.8



#48
2-Nitroaniline
Concen: 44.409 ng
RT: 9.613 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion: 65 Resp: 426397
Ion Ratio Lower Upper
65 100
92 67.3 53.5 80.3
138 94.3 72.2 108.4

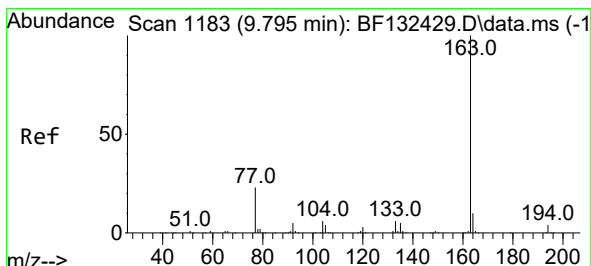
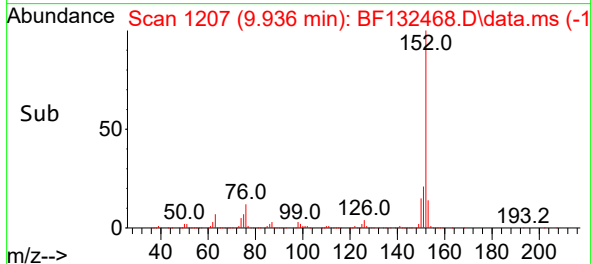
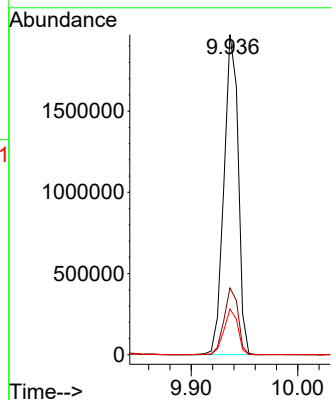
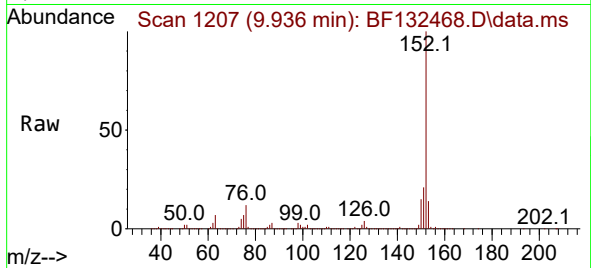




#49
Acenaphthylene
Concen: 42.061 ng
RT: 9.936 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

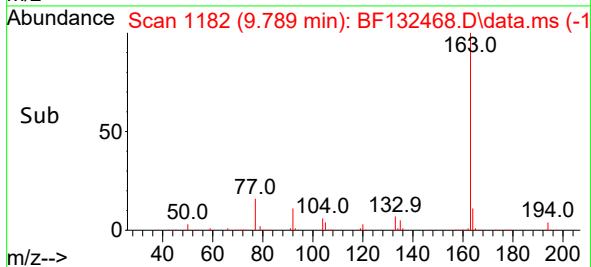
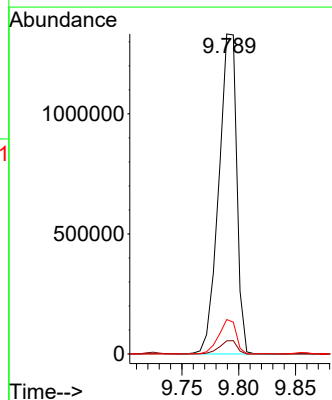
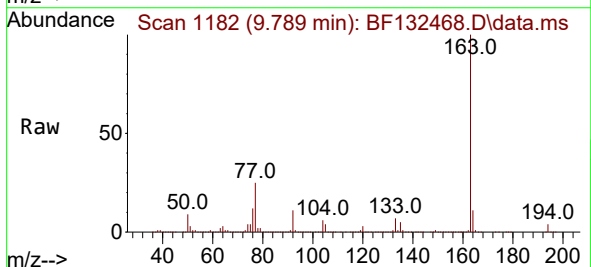
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

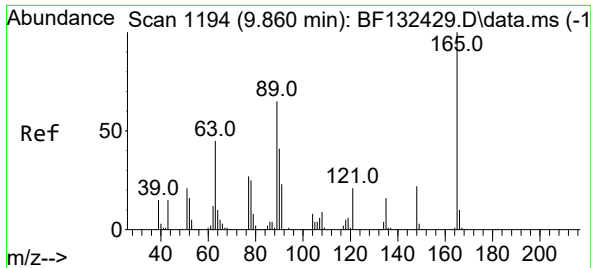
Tgt Ion:152 Resp: 1828814
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.3 10.7 16.1



#50
Dimethylphthalate
Concen: 44.264 ng
RT: 9.789 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:163 Resp: 1468382
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.8 8.4 12.6

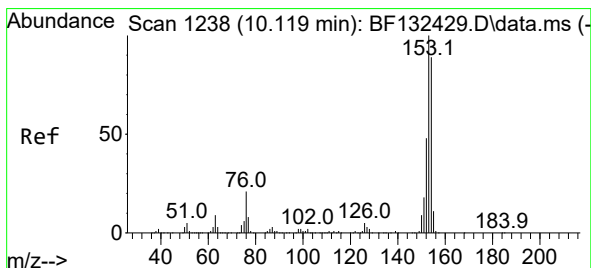
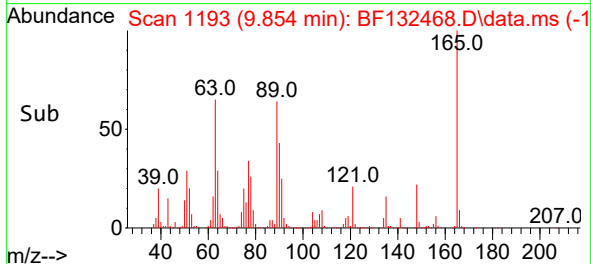
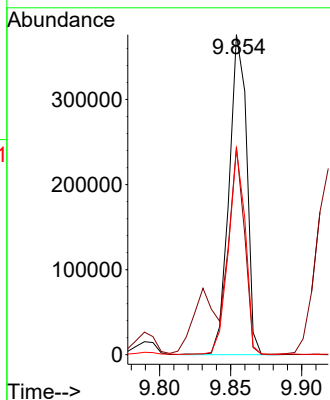
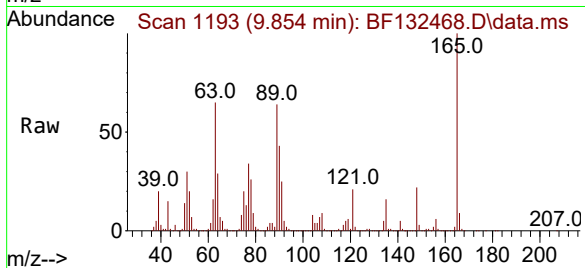




#51
2,6-Dinitrotoluene
Concen: 45.151 ng
RT: 9.854 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

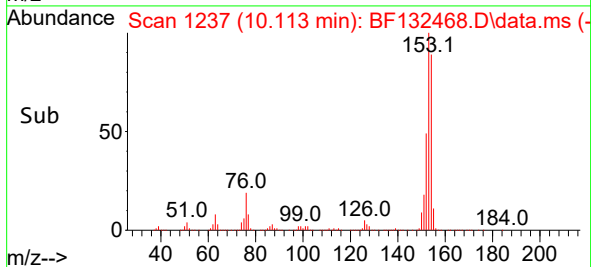
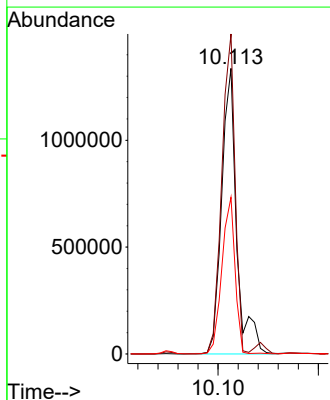
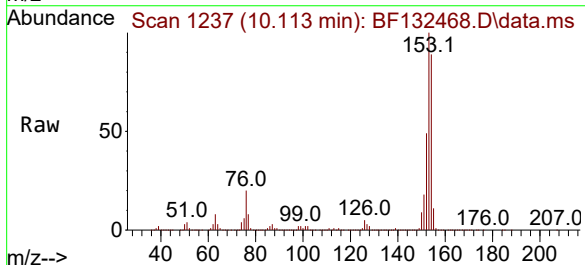
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

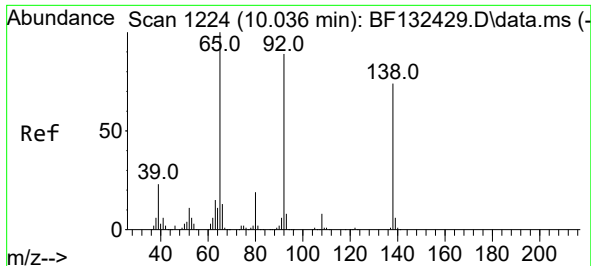
Tgt Ion:165 Resp: 325731
Ion Ratio Lower Upper
165 100
63 64.9 50.4 75.6
89 64.2 52.2 78.2



#52
Acenaphthene
Concen: 51.297 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:154 Resp: 1388031
Ion Ratio Lower Upper
154 100
153 112.1 89.7 134.5
152 54.9 43.4 65.0

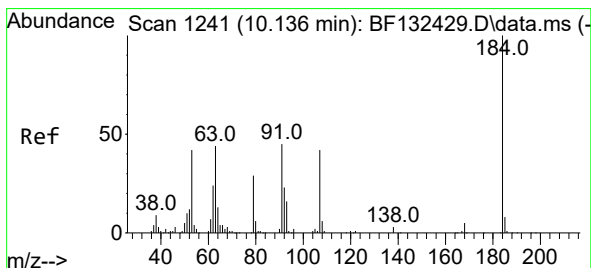
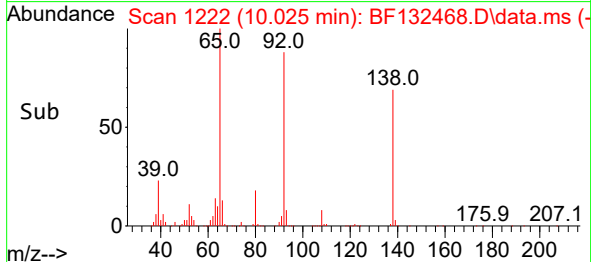
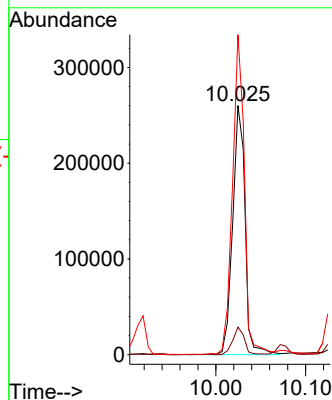
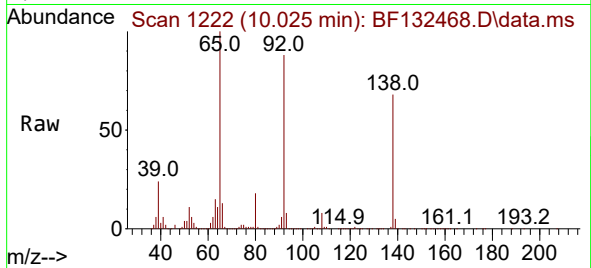




#53
3-Nitroaniline
Concen: 29.985 ng
RT: 10.025 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

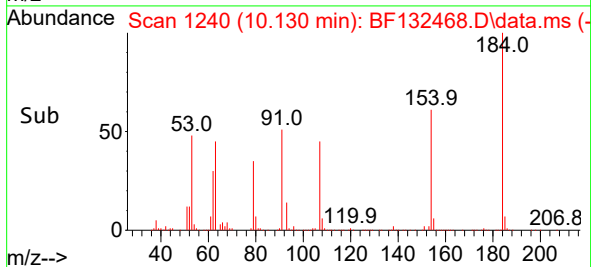
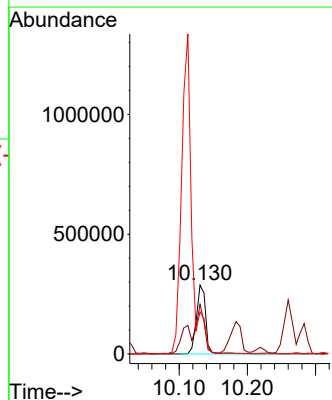
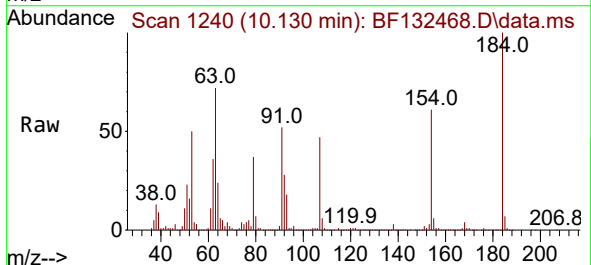
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

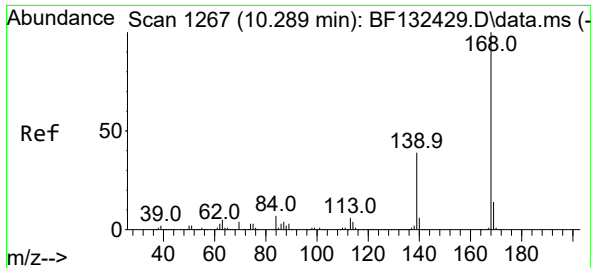
Tgt Ion:138 Resp: 248363
Ion Ratio Lower Upper
138 100
108 11.1 8.1 12.1
92 128.4 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 62.187 ng
RT: 10.130 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:184 Resp: 273118
Ion Ratio Lower Upper
184 100
63 71.8 47.0 70.6#
154 61.1 49.0 73.6

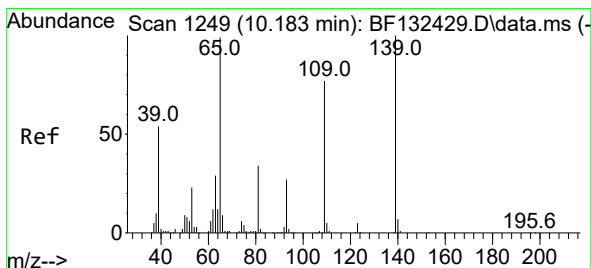
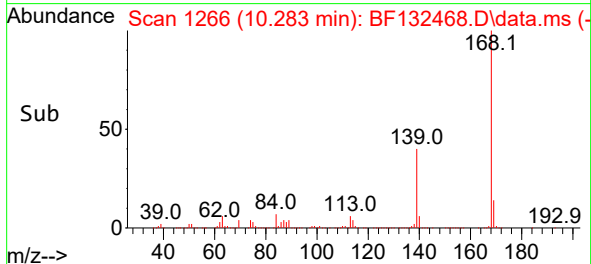
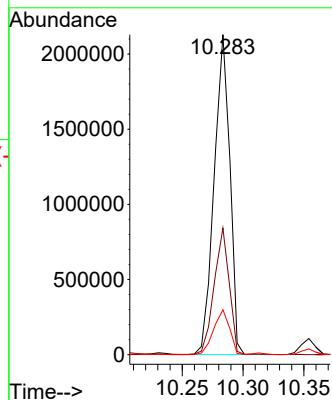
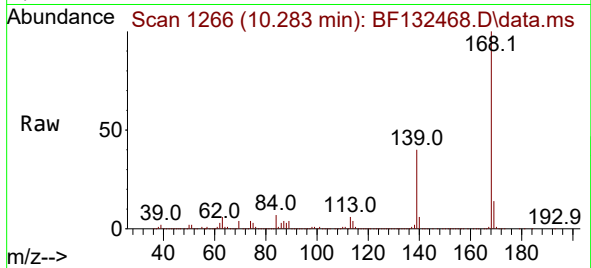




#55
Dibenzenofuran
Concen: 47.570 ng
RT: 10.283 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

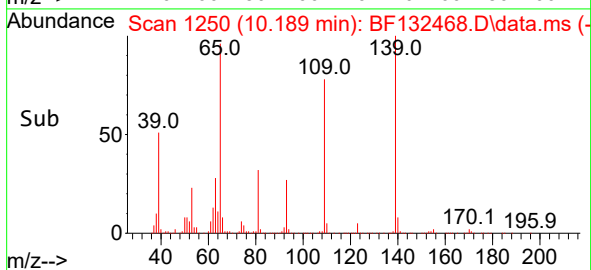
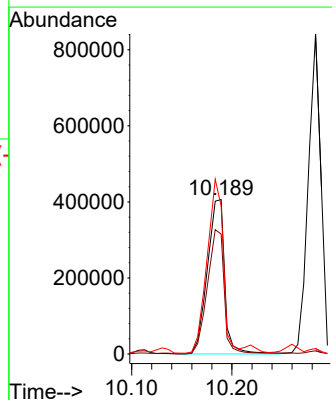
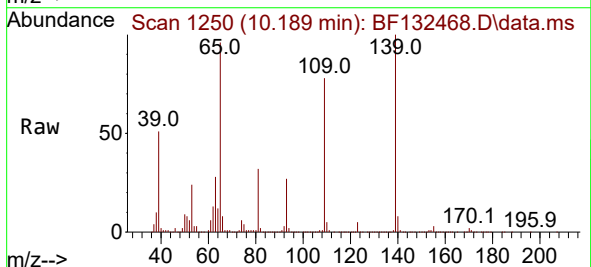
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

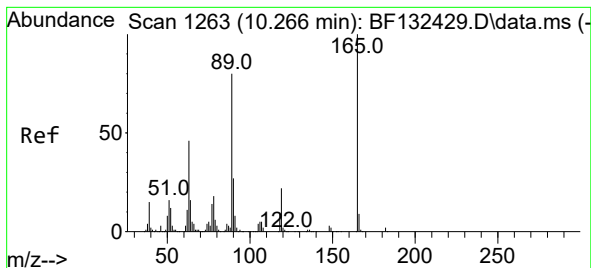
Tgt Ion:168 Resp: 1909774
Ion Ratio Lower Upper
168 100
139 39.5 31.0 46.4
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 81.314 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.012 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:139 Resp: 488637
Ion Ratio Lower Upper
139 100
109 77.7 57.2 97.2
65 95.7 79.2 119.2

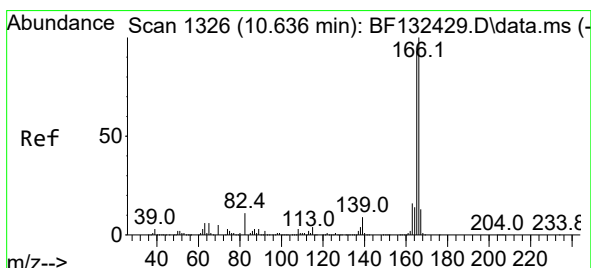
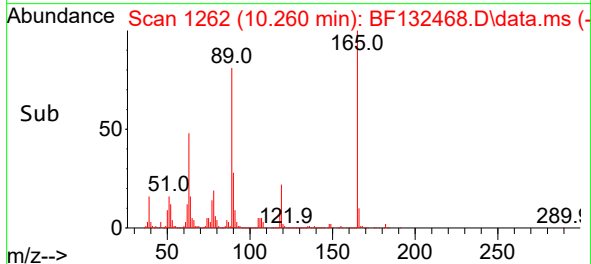
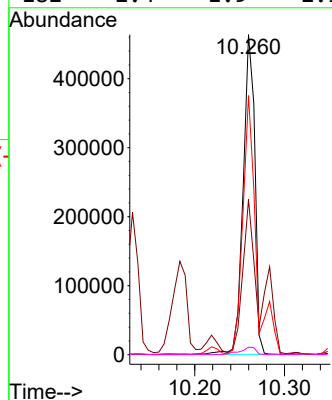
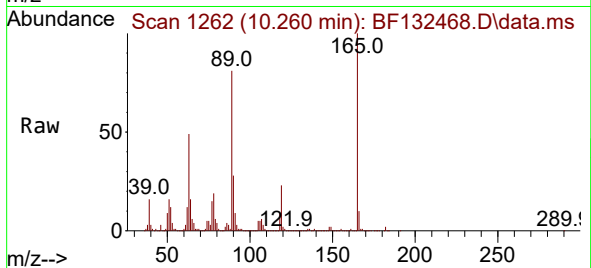




#57
2,4-Dinitrotoluene
Concen: 44.112 ng
RT: 10.260 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

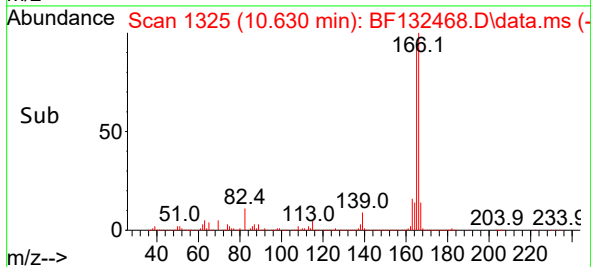
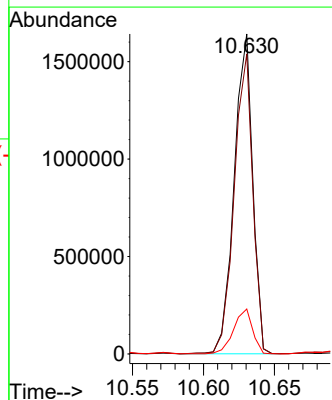
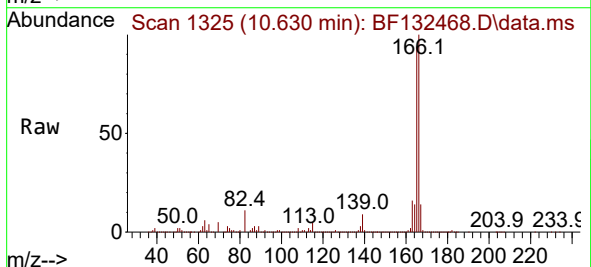
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

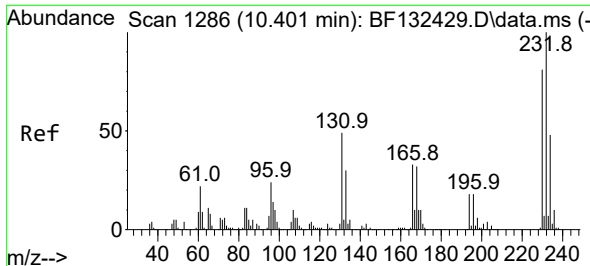
Tgt Ion:165 Resp: 418922
Ion Ratio Lower Upper
165 100
63 48.5 37.1 55.7
89 80.9 63.6 95.4
182 2.4 1.9 2.9



#58
Fluorene
Concen: 49.120 ng
RT: 10.630 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:166 Resp: 1490895
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 14.1 10.8 16.2

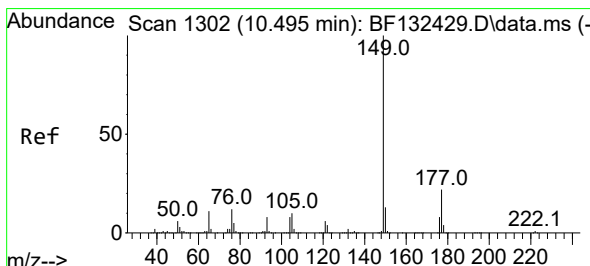
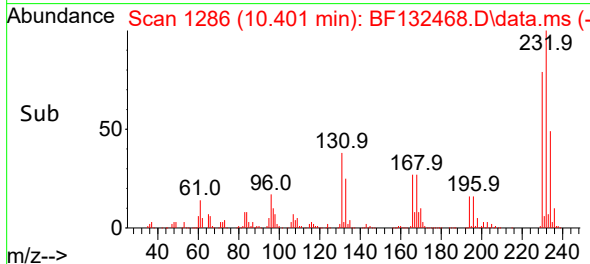
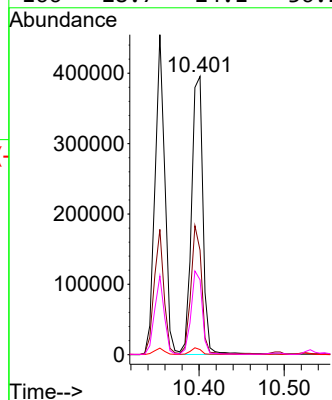
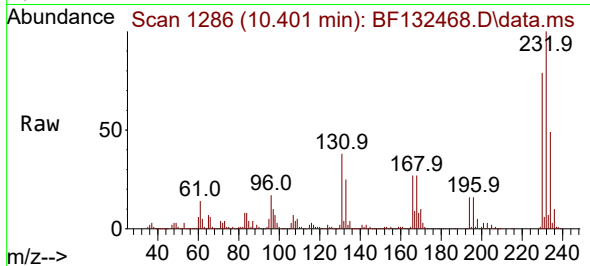




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.397 ng
RT: 10.401 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

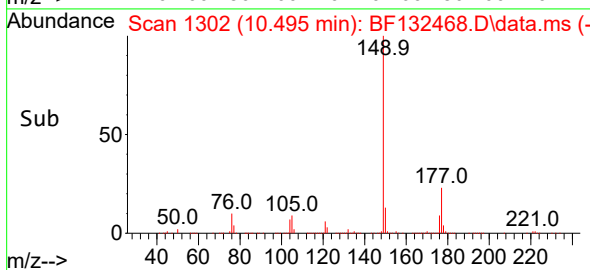
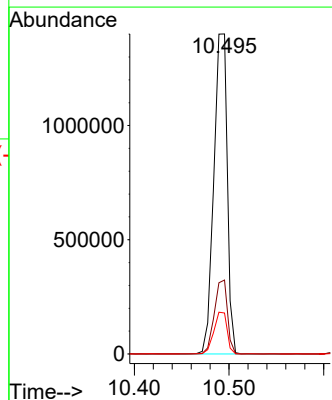
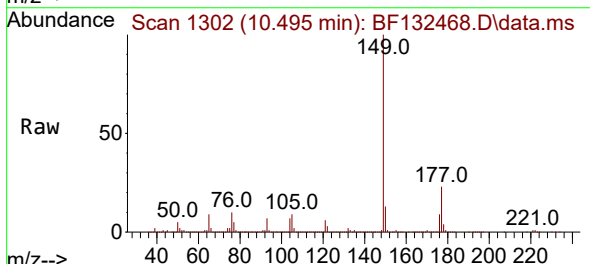
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

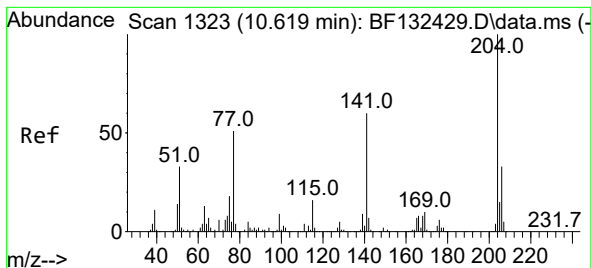
Tgt Ion:232 Resp: 367326
Ion Ratio Lower Upper
232 100
131 42.9 35.8 53.8
130 2.2 1.8 2.8
166 28.7 24.1 36.1



#60
Diethylphthalate
Concen: 42.275 ng
RT: 10.495 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:149 Resp: 1378612
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.8
150 12.8 10.0 15.0

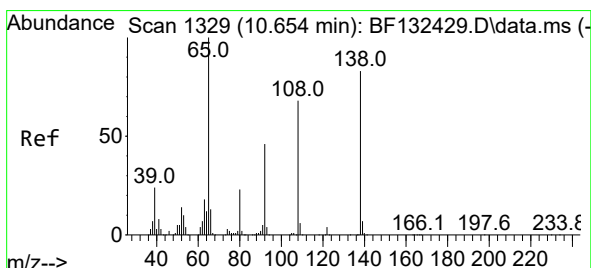
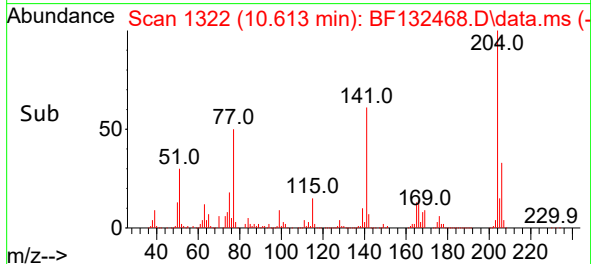
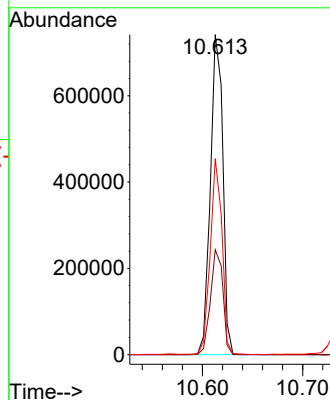
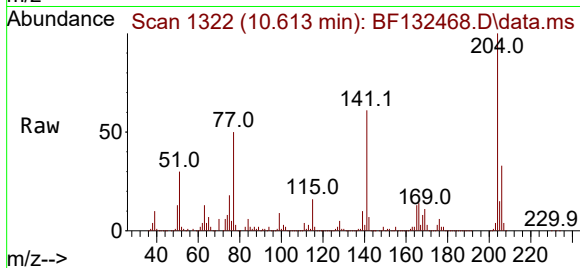




#61
4-Chlorophenyl-phenylether
Concen: 40.296 ng
RT: 10.613 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

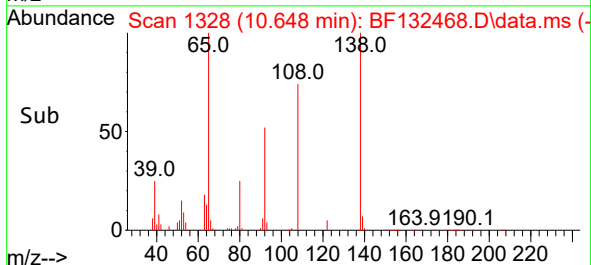
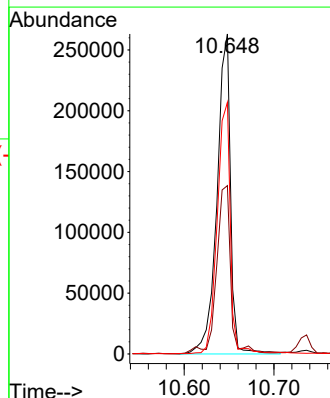
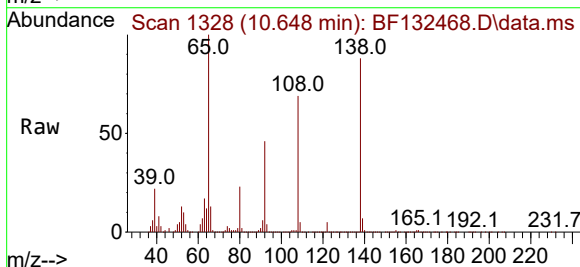
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

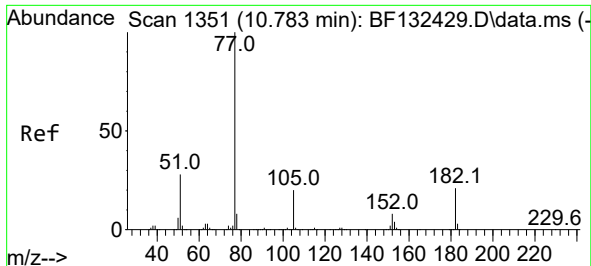
Tgt Ion:204 Resp: 640504
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 61.2 48.2 72.2



#62
4-Nitroaniline
Concen: 35.742 ng
RT: 10.648 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:138 Resp: 276253
Ion Ratio Lower Upper
138 100
92 52.6 35.9 75.9
108 78.6 62.1 102.1

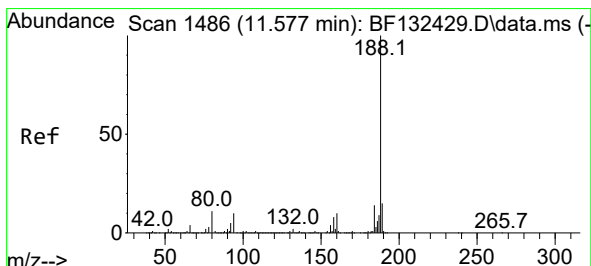
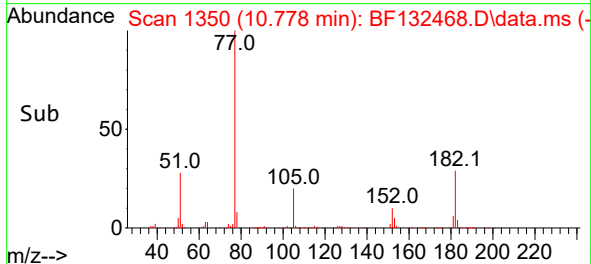
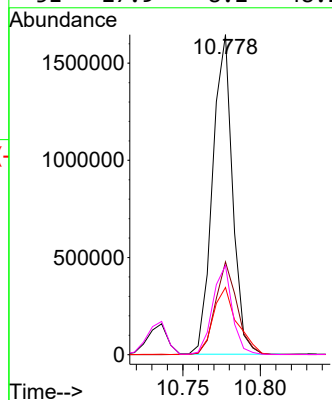
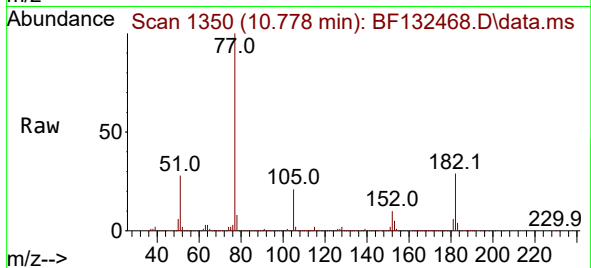




#63
Azobenzene
Concen: 40.704 ng
RT: 10.778 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

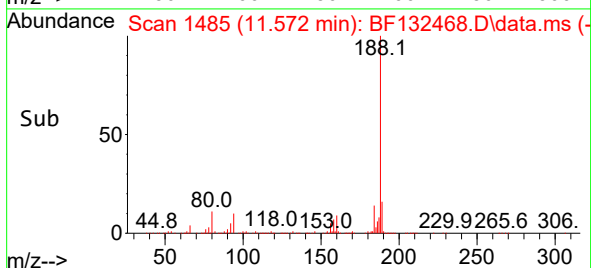
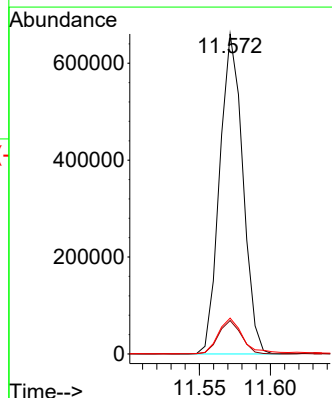
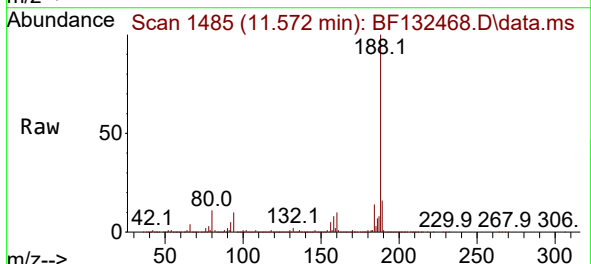
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

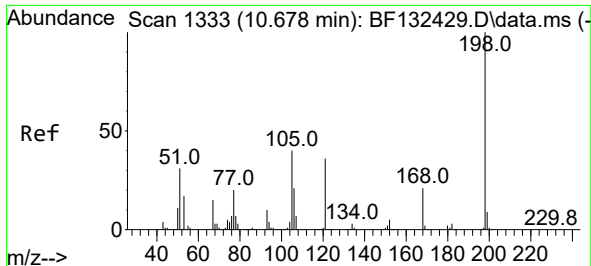
Tgt Ion: 77 Resp: 1468668
Ion Ratio Lower Upper
77 100
182 29.0 1.4 41.4
105 21.0 0.1 40.1
51 27.9 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:188 Resp: 747632
Ion Ratio Lower Upper
188 100
94 10.5 8.0 12.0
80 11.2 8.6 12.8

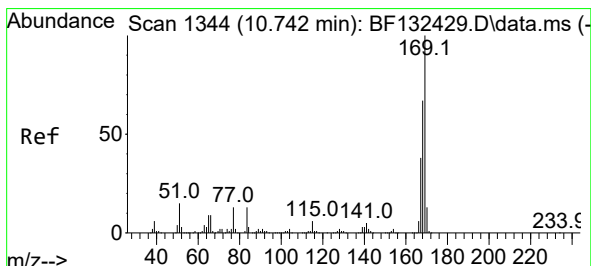
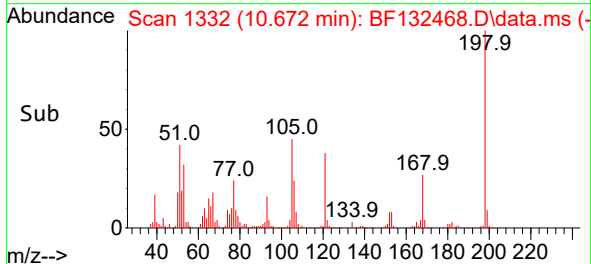
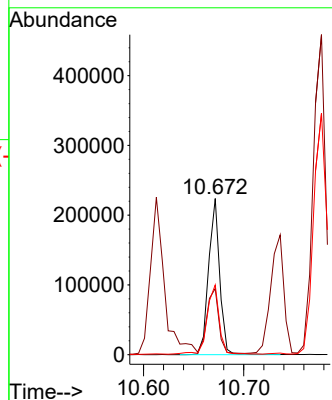
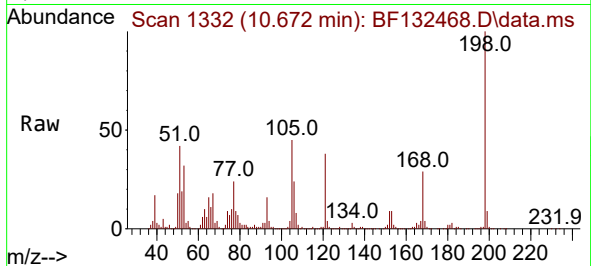




#65
4,6-Dinitro-2-methylphenol
Concen: 36.998 ng
RT: 10.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

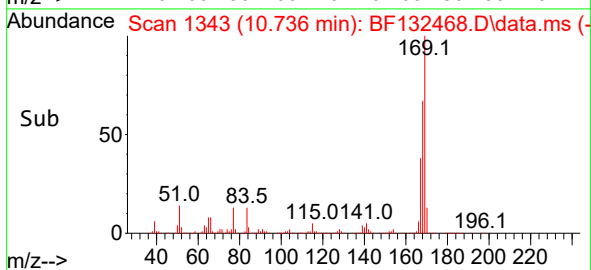
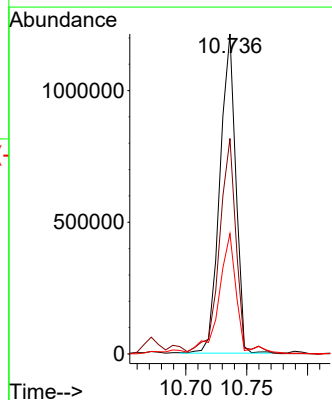
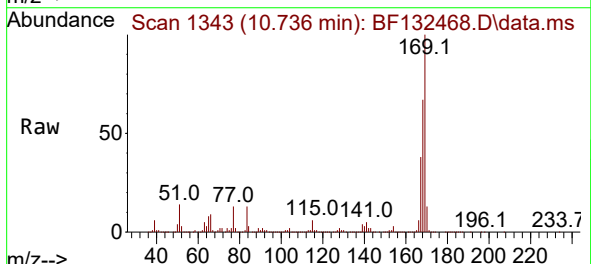
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

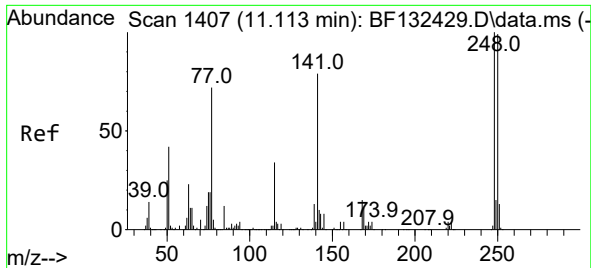
Tgt Ion:198 Resp: 171970
Ion Ratio Lower Upper
198 100
51 42.3 17.4 57.4
105 44.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 48.114 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:169 Resp: 1104065
Ion Ratio Lower Upper
169 100
168 67.3 53.5 80.3
167 37.6 30.2 45.2

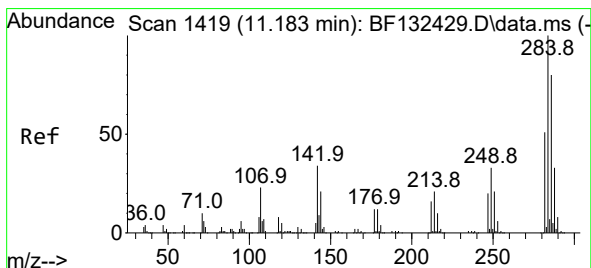
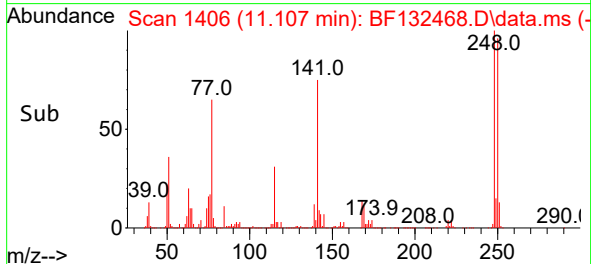
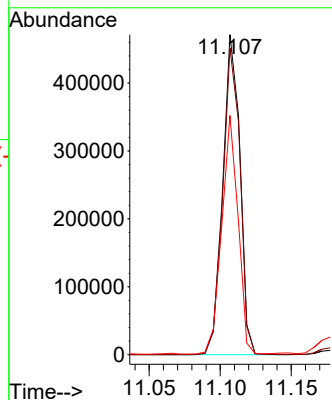
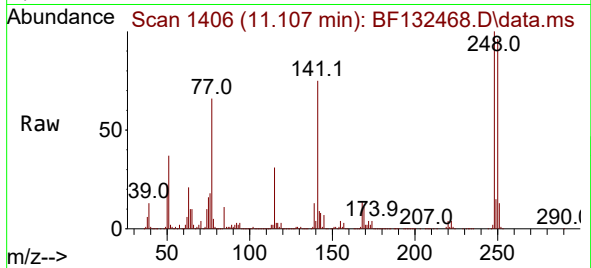




#67
4-Bromophenyl-phenylether
Concen: 48.341 ng
RT: 11.107 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

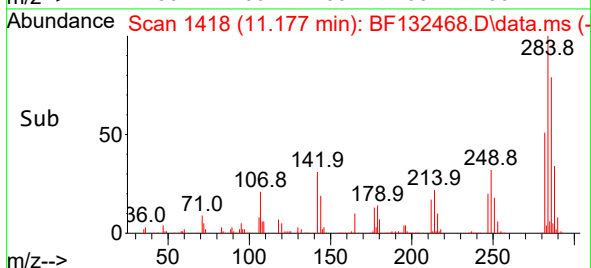
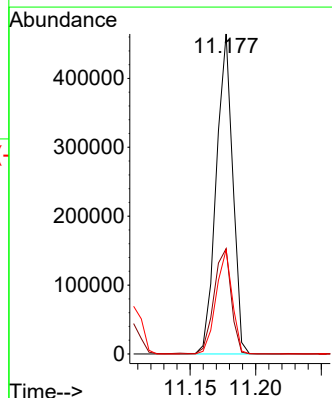
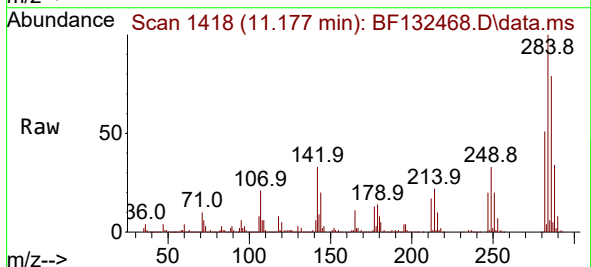
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

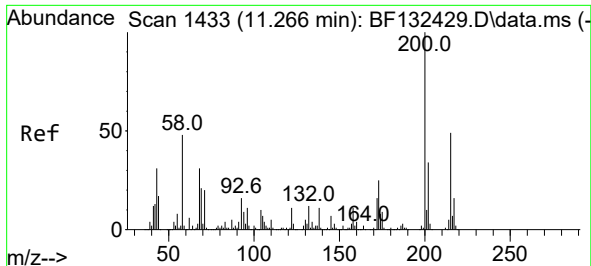
Tgt Ion:248 Resp: 396108
Ion Ratio Lower Upper
248 100
250 95.8 79.0 118.4
141 74.8 63.3 94.9



#68
Hexachlorobenzene
Concen: 47.200 ng
RT: 11.177 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:284 Resp: 404282
Ion Ratio Lower Upper
284 100
142 32.9 27.5 41.3
249 32.5 26.2 39.4

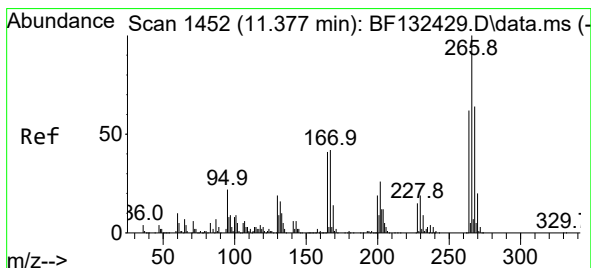
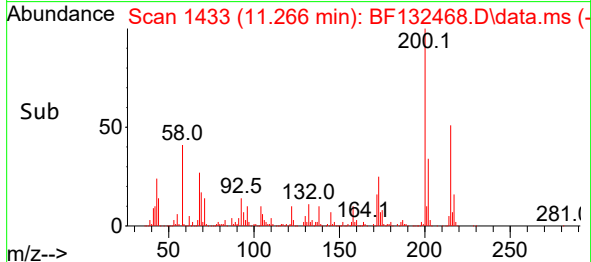
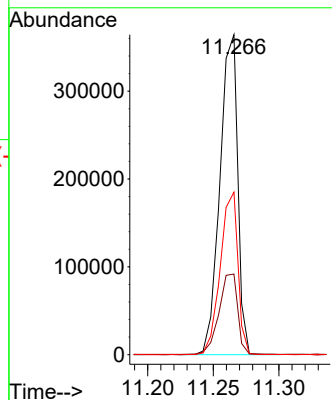
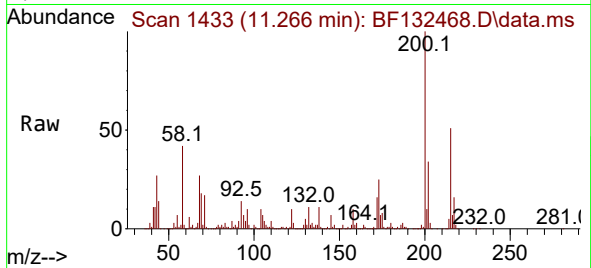




#69
 Atrazine
 Concen: 48.732 ng
 RT: 11.266 min Scan# 1433
 Delta R.T. 0.006 min
 Lab File: BF132468.D
 Acq: 18 Feb 2023 00:57

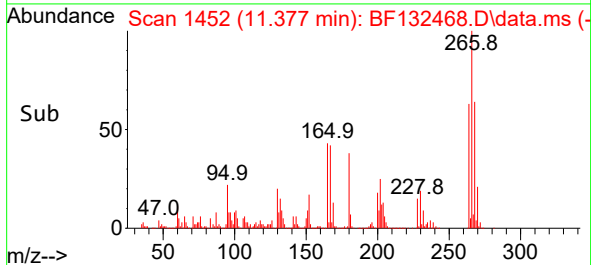
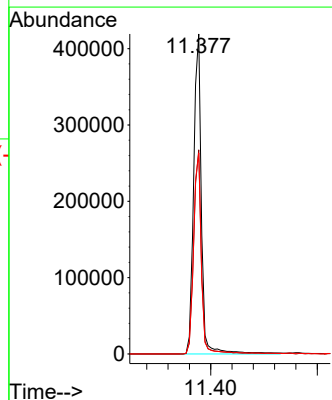
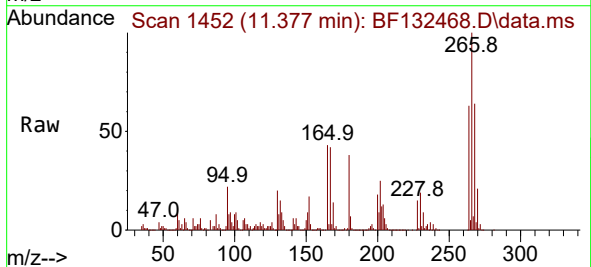
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MSD

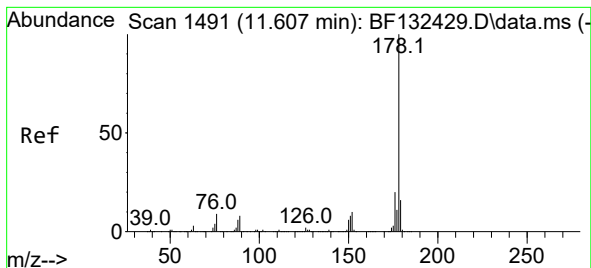
Tgt Ion:200 Resp: 344197
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.3 45.3
 215 50.8 29.1 69.1



#70
 Pentachlorophenol
 Concen: 79.806 ng
 RT: 11.377 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: BF132468.D
 Acq: 18 Feb 2023 00:57

Tgt Ion:266 Resp: 424986
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.0 76.4
 264 62.9 49.8 74.6





#71

Phenanthrene

Concen: 118.714 ng

RT: 11.607 min Scan# 1491

Delta R.T. 0.012 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

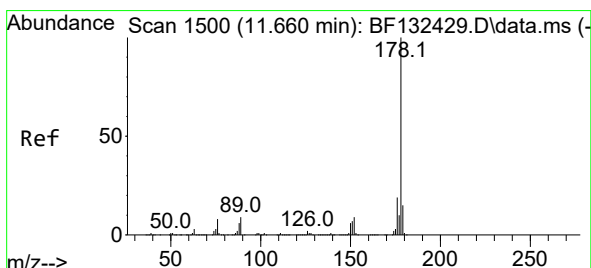
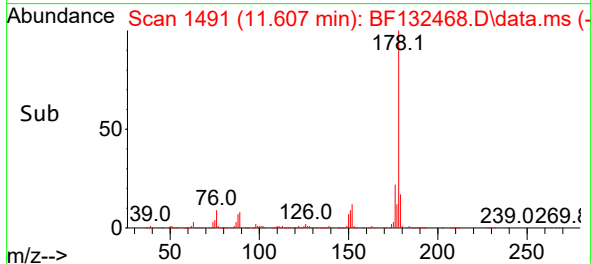
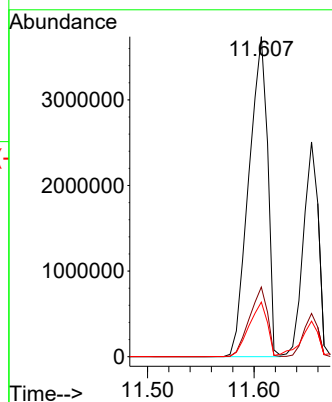
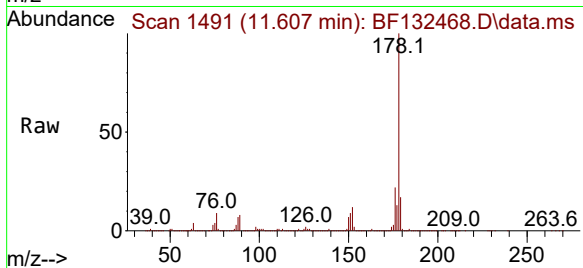
Tgt Ion:178 Resp: 4571218

Ion Ratio Lower Upper

178 100

176 21.7 16.2 24.2

179 17.1 12.6 18.8



#72

Anthracene

Concen: 62.273 ng

RT: 11.654 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

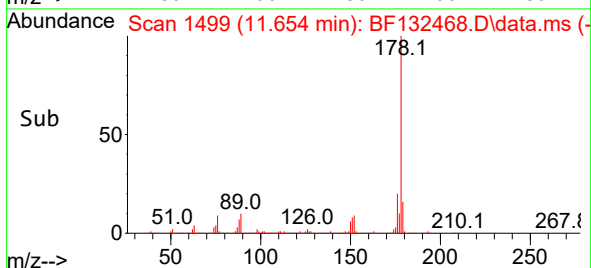
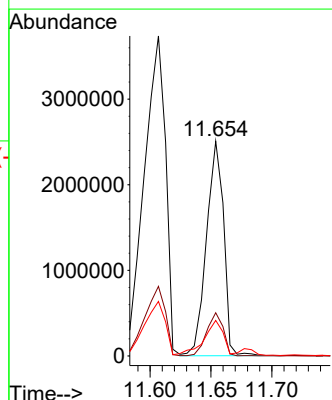
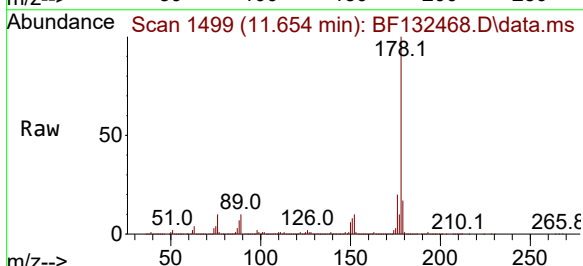
Tgt Ion:178 Resp: 2465039

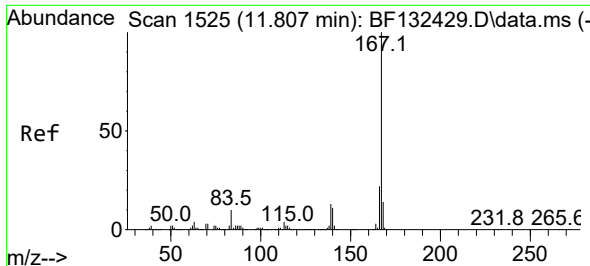
Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

179 16.5 12.4 18.6

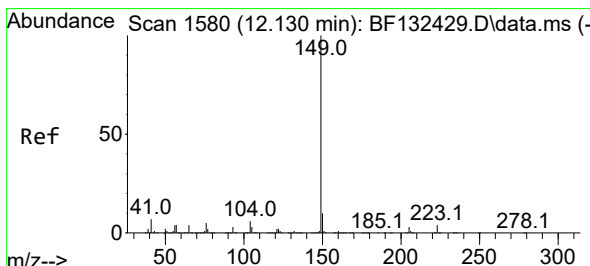
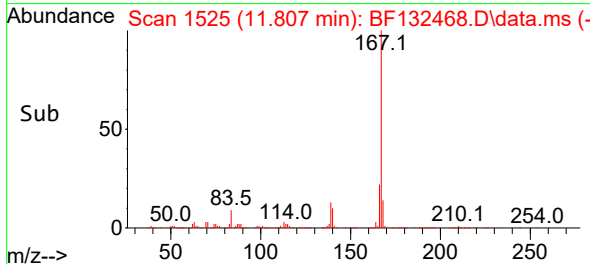
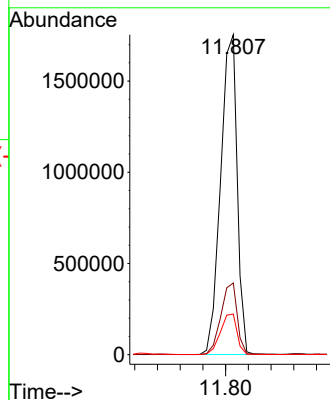
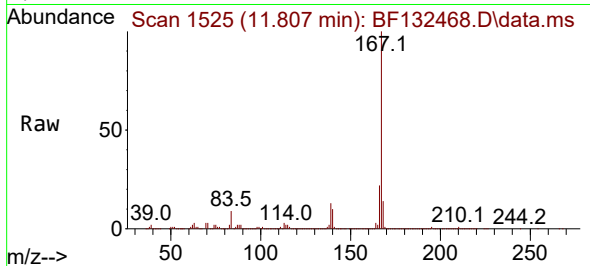




#73
 Carbazole
 Concen: 49.899 ng
 RT: 11.807 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132468.D
 Acq: 18 Feb 2023 00:57

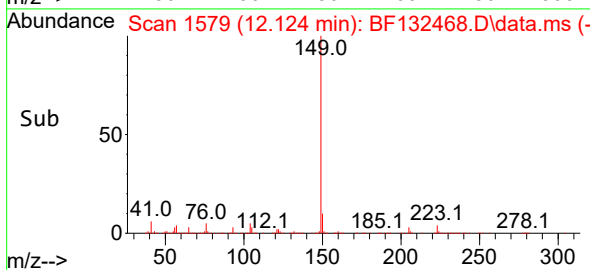
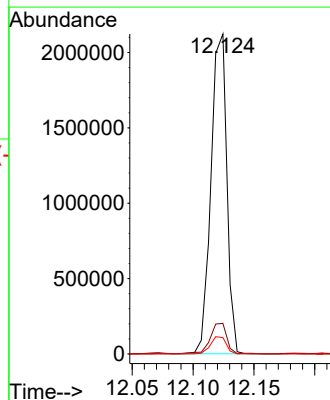
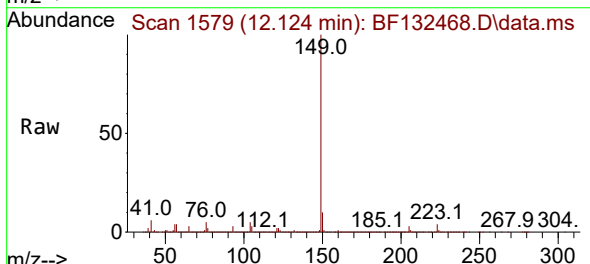
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MSD

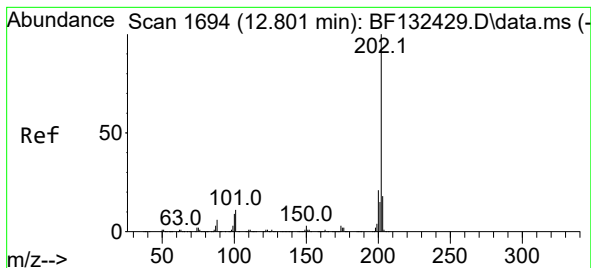
Tgt Ion:167 Resp: 1778008
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 12.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 45.152 ng
 RT: 12.124 min Scan# 1579
 Delta R.T. 0.006 min
 Lab File: BF132468.D
 Acq: 18 Feb 2023 00:57

Tgt Ion:149 Resp: 1916311
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 105.819 ng

RT: 12.801 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

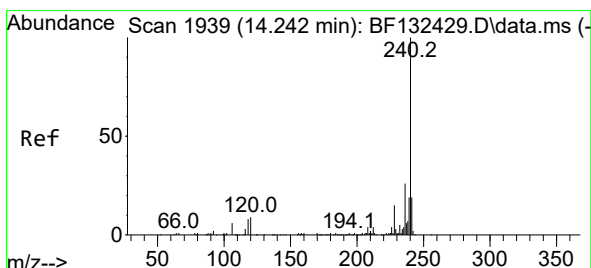
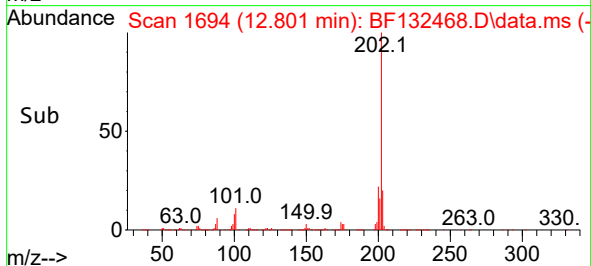
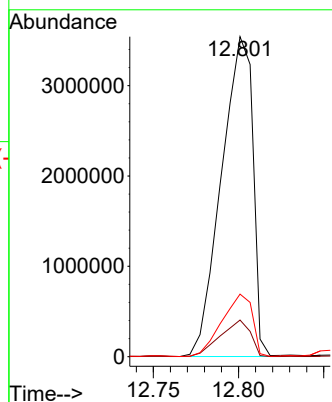
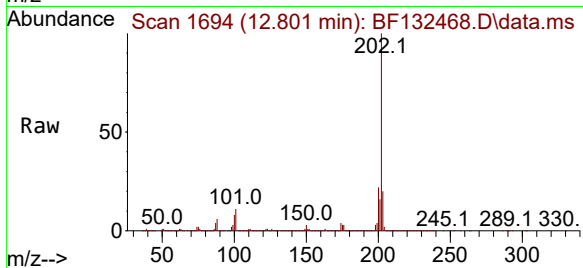
Tgt Ion:202 Resp: 4544137

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

203 19.5 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: BF132468.D

Acq: 18 Feb 2023 00:57

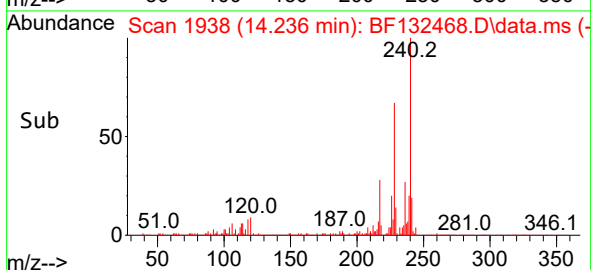
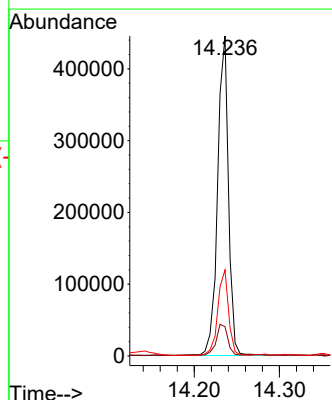
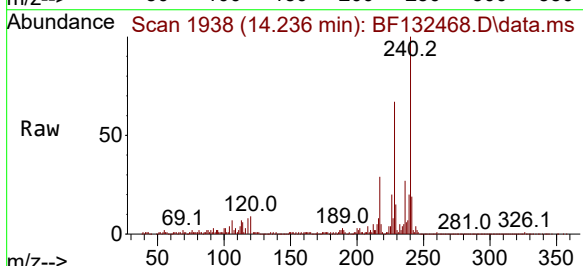
Tgt Ion:240 Resp: 395305

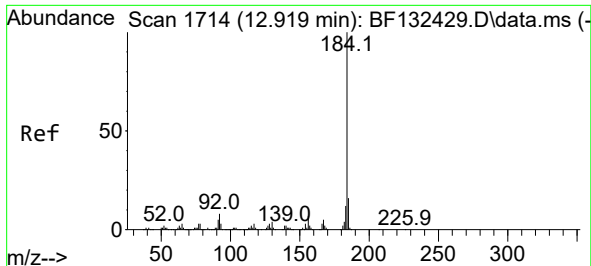
Ion Ratio Lower Upper

240 100

120 9.2 7.5 11.3

236 26.9 21.0 31.6

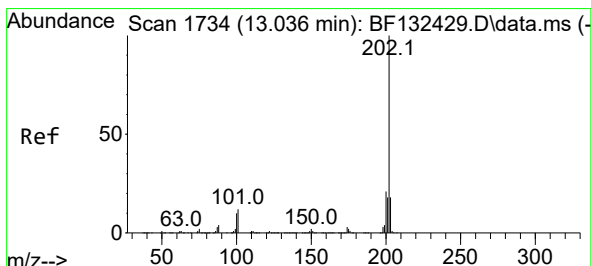
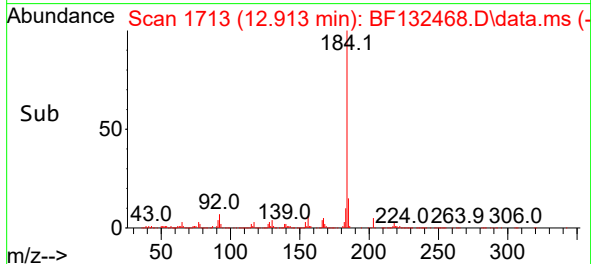
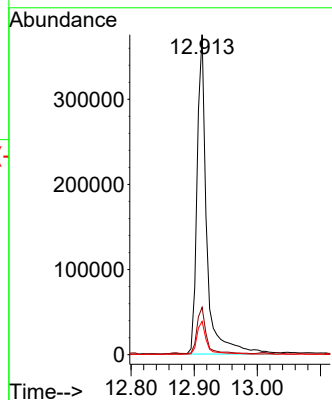
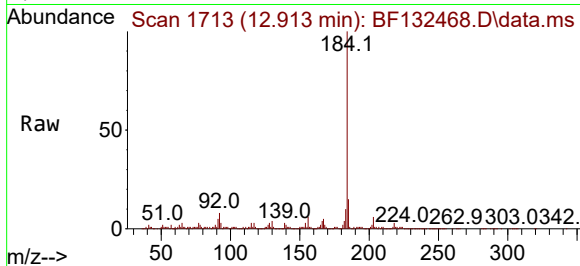




#77
Benzidine
Concen: 47.325 ng
RT: 12.913 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

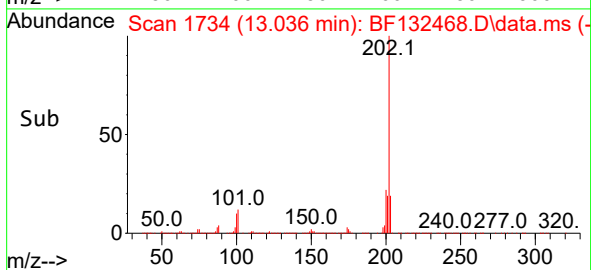
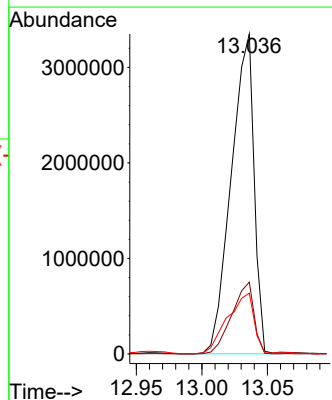
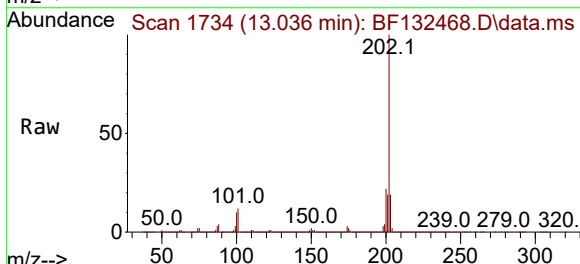
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

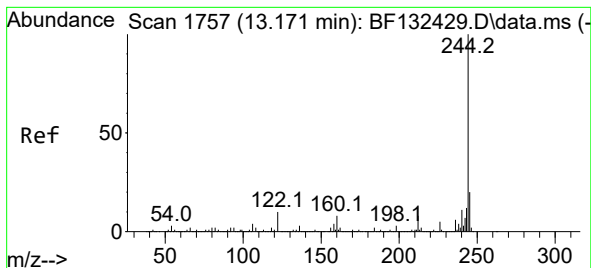
Tgt Ion:184 Resp: 398357
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 10.4 9.2 13.8



#78
Pyrene
Concen: 120.740 ng
RT: 13.036 min Scan# 1734
Delta R.T. 0.012 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:202 Resp: 4054561
Ion Ratio Lower Upper
202 100
200 22.5 16.6 25.0
203 19.0 14.3 21.5





#79

Terphenyl-d14

Concen: 81.462 ng

RT: 13.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

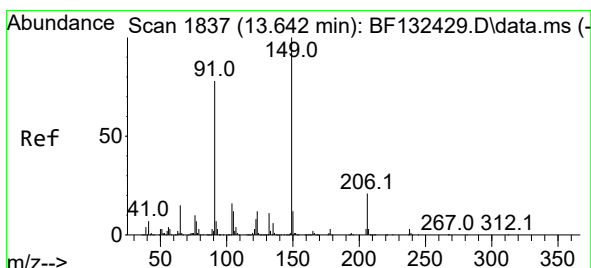
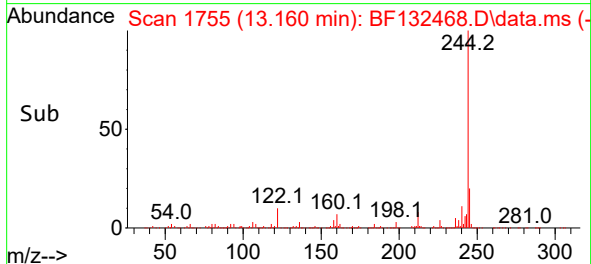
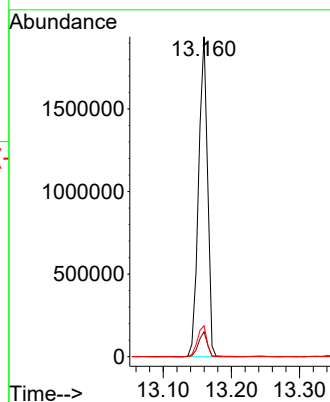
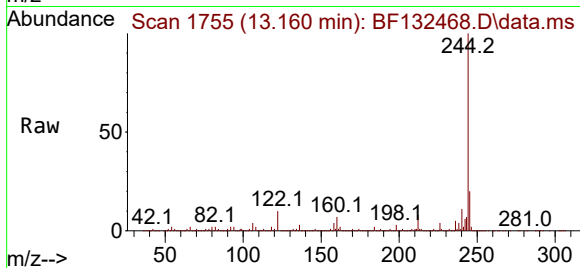
Tgt Ion:244 Resp: 1768197

Ion Ratio Lower Upper

244 100

212 7.8 6.7 10.1

122 9.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 56.666 ng

RT: 13.630 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

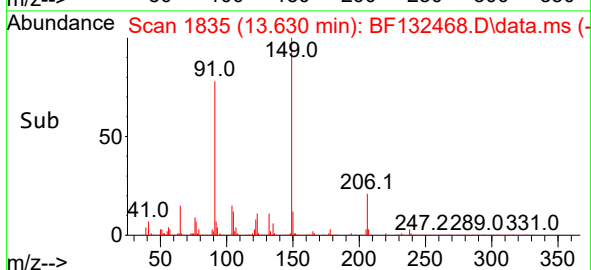
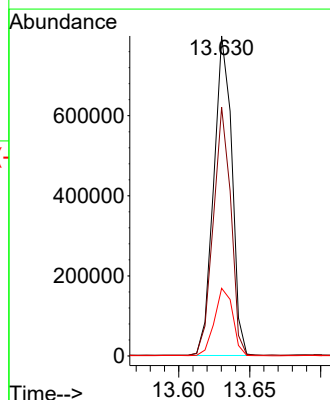
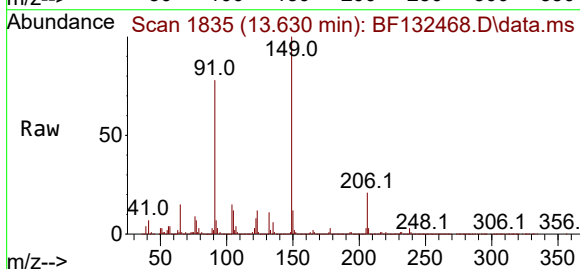
Tgt Ion:149 Resp: 710066

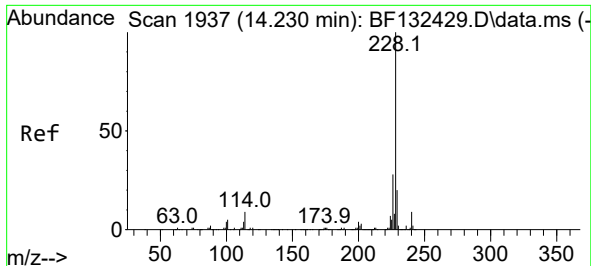
Ion Ratio Lower Upper

149 100

91 77.7 62.8 94.2

206 21.2 16.9 25.3

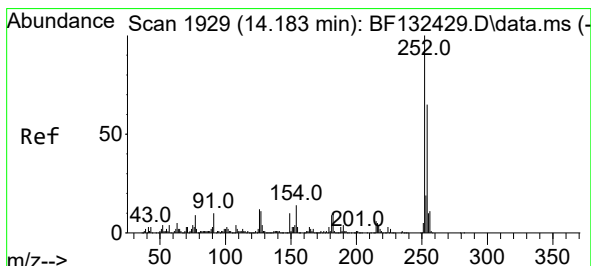
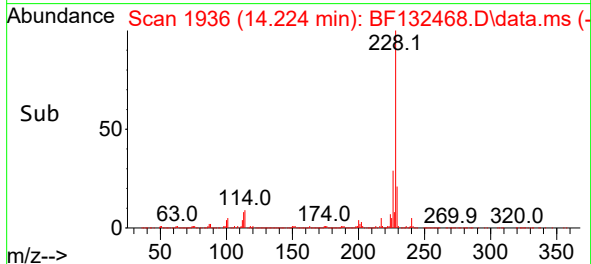
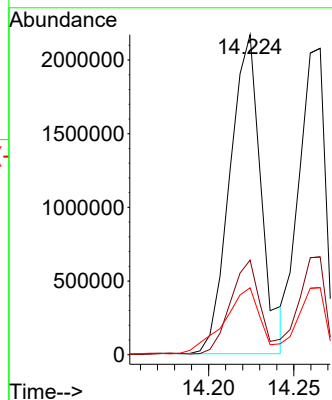
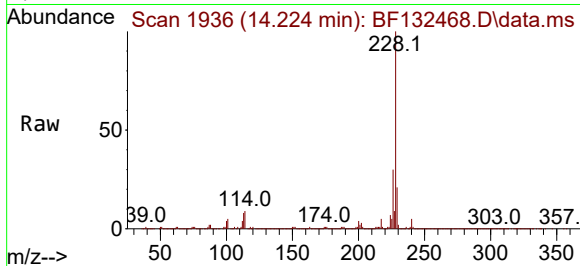




#81
Benzo(a)anthracene
Concen: 95.452 ng
RT: 14.224 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

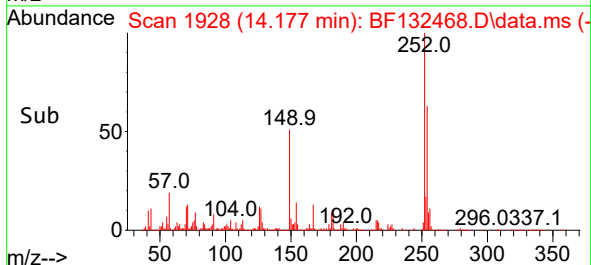
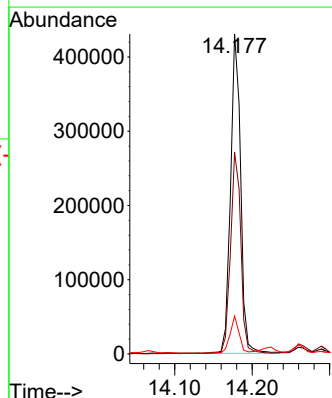
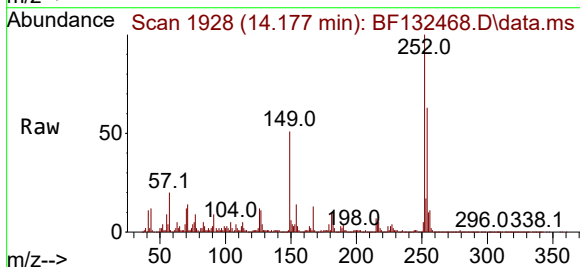
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

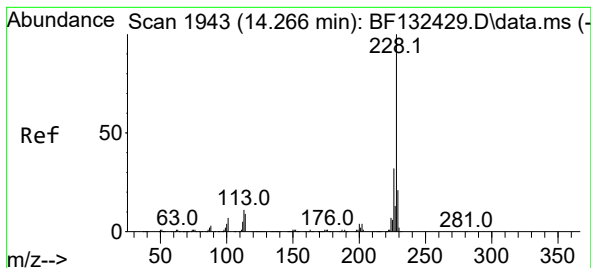
Tgt Ion:228 Resp: 2763575
Ion Ratio Lower Upper
228 100
226 29.6 22.6 34.0
229 20.9 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 50.506 ng
RT: 14.177 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:252 Resp: 390582
Ion Ratio Lower Upper
252 100
254 63.0 52.2 78.2
126 11.9 9.6 14.4





#83

Chrysene

Concen: 80.934 ng

RT: 14.265 min Scan# 1943

Delta R.T. 0.006 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

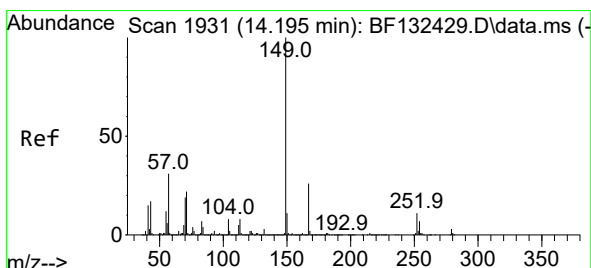
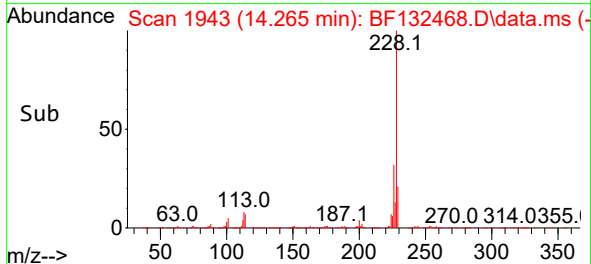
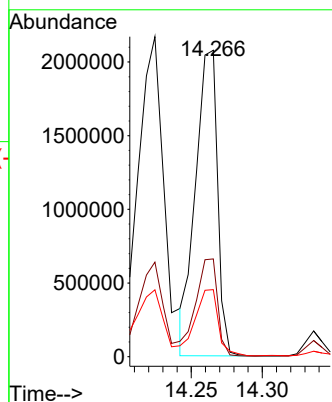
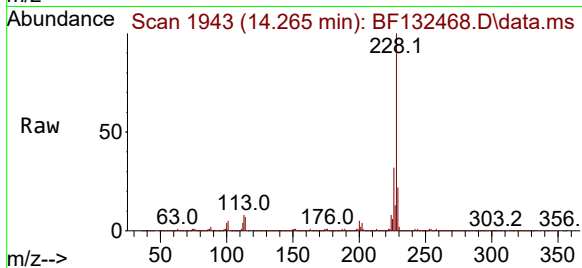
Tgt Ion:228 Resp: 2238848

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.2

229 21.9 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.633 ng

RT: 14.189 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

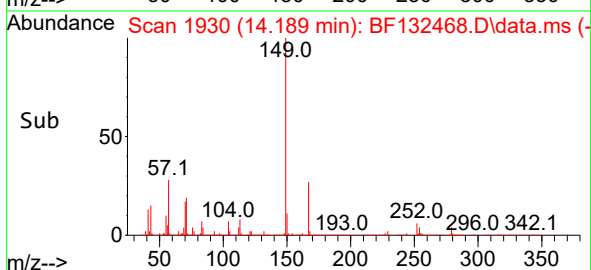
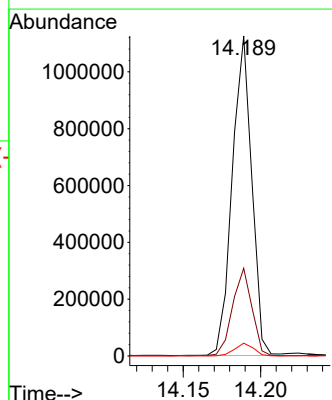
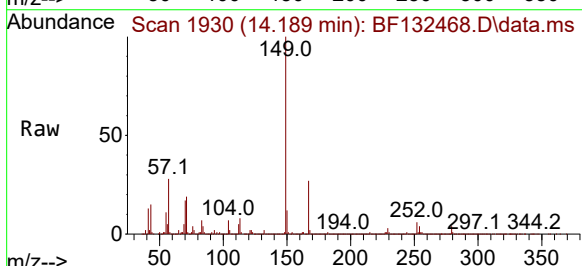
Tgt Ion:149 Resp: 983540

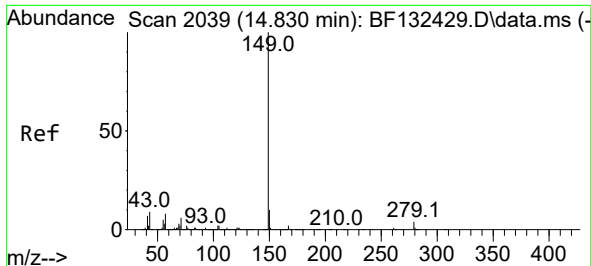
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 4.0 2.5 3.7#

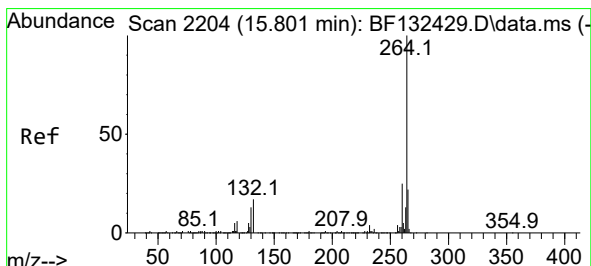
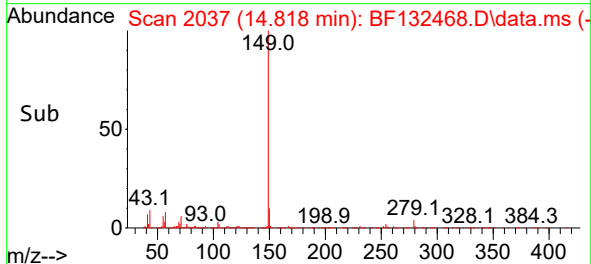
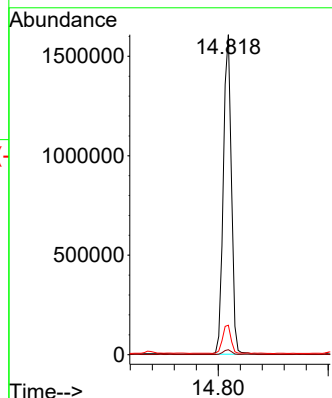
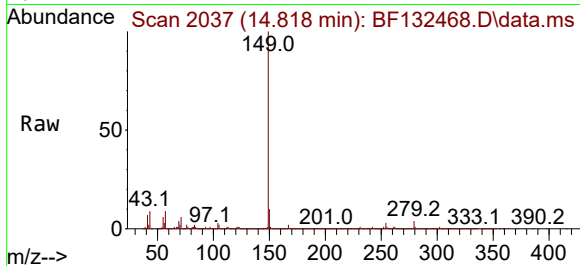




#85
Di-n-octyl phthalate
Concen: 69.340 ng
RT: 14.818 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

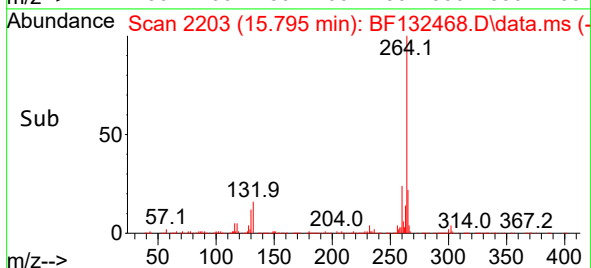
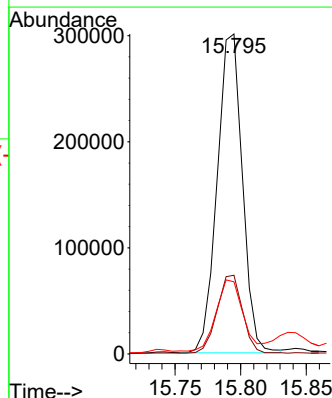
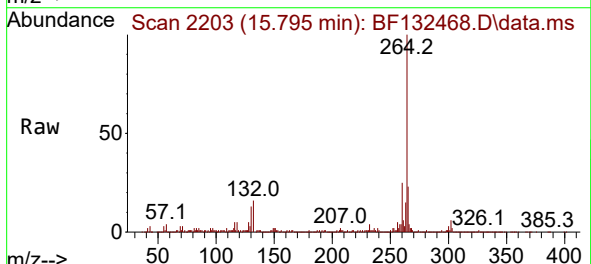
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

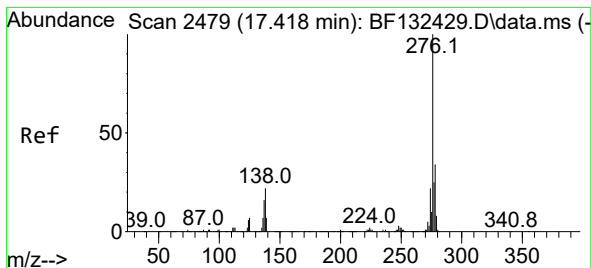
Tgt Ion:149 Resp: 1633257
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.795 min Scan# 2203
Delta R.T. 0.012 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:264 Resp: 401376
Ion Ratio Lower Upper
264 100
260 24.6 20.0 30.0
265 22.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.814 ng

RT: 17.412 min Scan# 2479

Delta R.T. 0.012 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

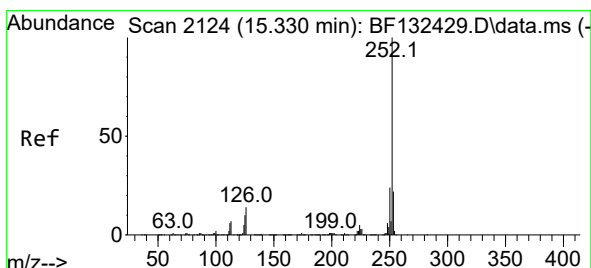
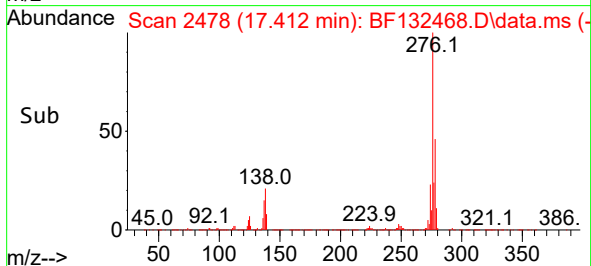
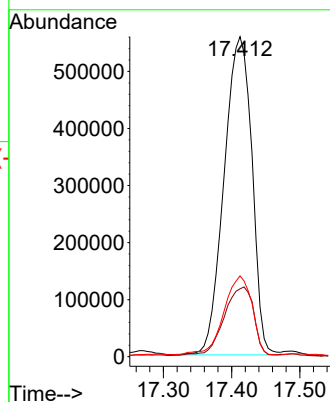
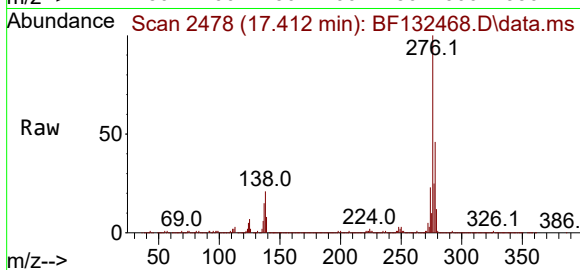
Tgt Ion:276 Resp: 1585992

Ion Ratio Lower Upper

276 100

138 22.7 20.2 30.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 101.735 ng

RT: 15.330 min Scan# 2124

Delta R.T. 0.012 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

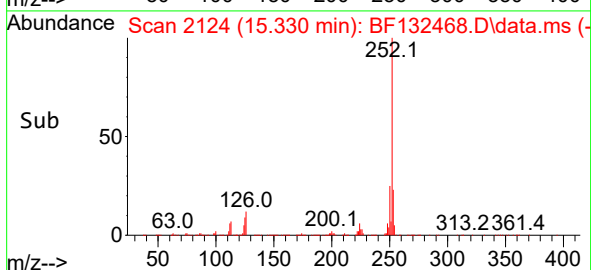
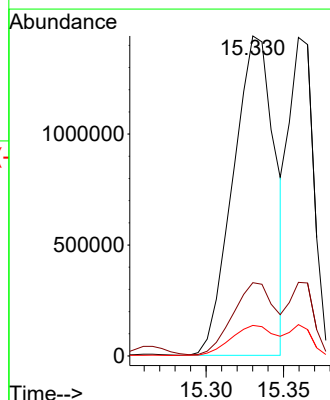
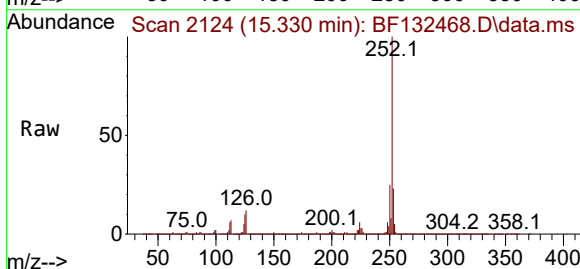
Tgt Ion:252 Resp: 2685280

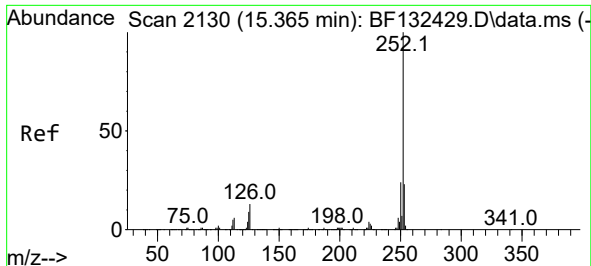
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 9.5 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 60.449 ng

RT: 15.360 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MSD

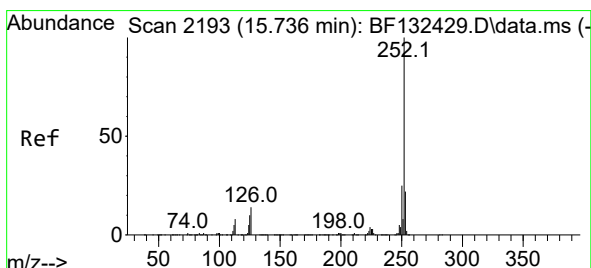
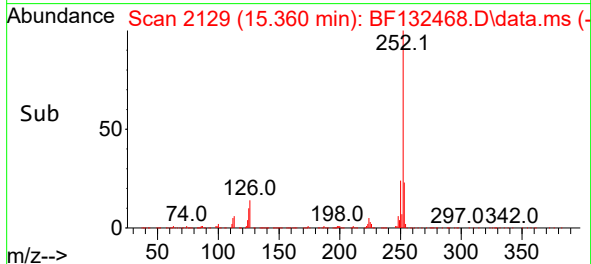
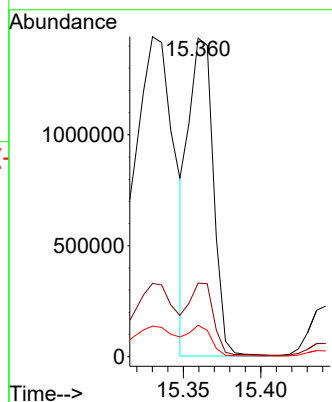
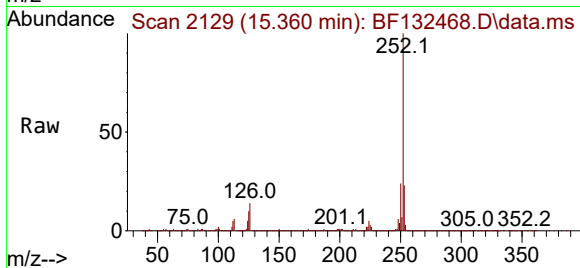
Tgt Ion:252 Resp: 1596677

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 9.9 7.5 11.3



#90

Benzo(a)pyrene

Concen: 82.282 ng

RT: 15.736 min Scan# 2193

Delta R.T. 0.018 min

Lab File: BF132468.D

Acq: 18 Feb 2023 00:57

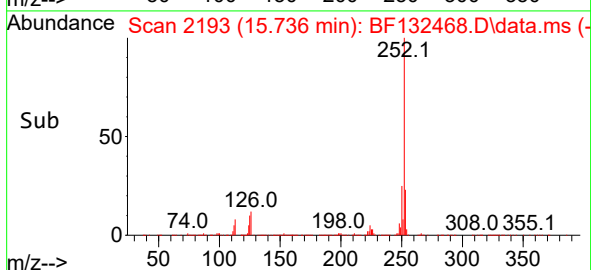
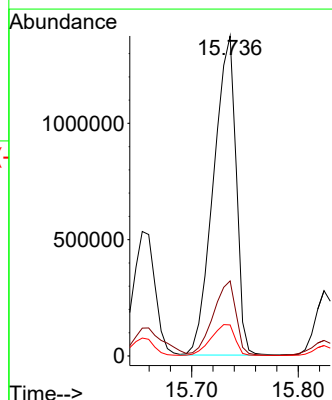
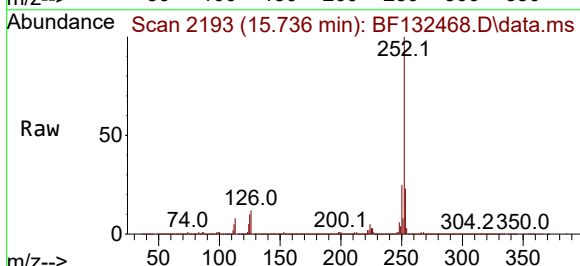
Tgt Ion:252 Resp: 2018332

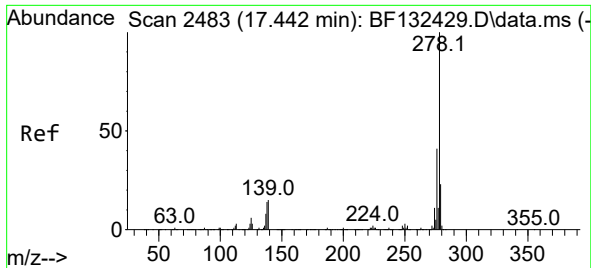
Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

125 9.7 8.2 12.4

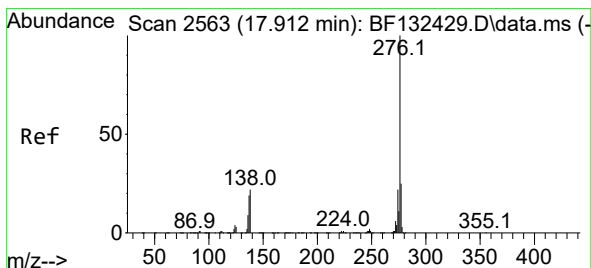
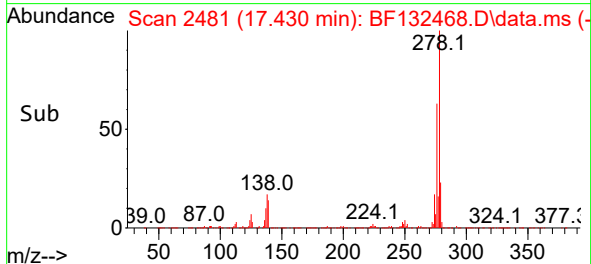
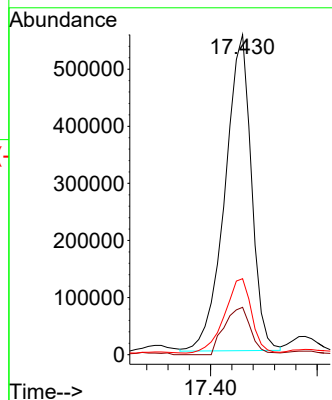
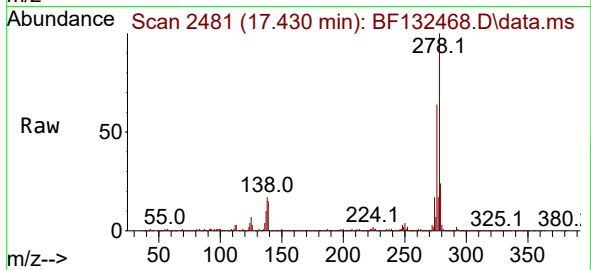




#91
Dibenzo(a,h)anthracene
Concen: 45.159 ng
RT: 17.430 min Scan# 2481
Delta R.T. 0.012 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

Tgt Ion:278 Resp: 954319
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.2
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 62.310 ng
RT: 17.912 min Scan# 2563
Delta R.T. 0.018 min
Lab File: BF132468.D
Acq: 18 Feb 2023 00:57

Tgt Ion:276 Resp: 1352279
Ion Ratio Lower Upper
276 100
277 24.2 19.6 29.4
138 21.4 17.7 26.5

