

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132472.D
 Acq On : 20 Feb 2023 10:54
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 20 11:46:12 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	265746	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	941241	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	506435	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	970024	20.000	ng	0.00
76) Chrysene-d12	14.236	240	574391	20.000	ng	0.00
86) Perylene-d12	15.795	264	511609	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1262012	76.095	ng	0.00
7) Phenol-d6	6.654	99	1674314	77.316	ng	0.00
23) Nitrobenzene-d5	7.595	82	1579146	80.614	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	421247	83.367	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2336937	71.262	ng	0.00
79) Terphenyl-d14	13.166	244	2665808	84.524	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.907	88	357679	39.867	ng 99
3) Pyridine	3.678	79	975563	40.059	ng 98
4) n-Nitrosodimethylamine	3.649	42	377303	39.239	ng 92
6) Aniline	6.695	93	1194092	39.580	ng 98
8) 2-Chlorophenol	6.813	128	667425	39.420	ng 97
9) Benzaldehyde	6.578	77	403923	34.886	ng 100
10) Phenol	6.666	94	904799	39.426	ng 99
11) bis(2-Chloroethyl)ether	6.760	93	769489	39.529	ng 98
12) 1,3-Dichlorobenzene	6.972	146	708514	38.414	ng 97
13) 1,4-Dichlorobenzene	7.048	146	705174	38.327	ng 98
14) 1,2-Dichlorobenzene	7.201	146	639305	37.926	ng 98
15) Benzyl Alcohol	7.166	79	662944	41.387	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	1027161	37.949	ng 97
17) 2-Methylphenol	7.272	107	635662	39.439	ng 99
18) Hexachloroethane	7.542	117	281970	40.589	ng 96
19) n-Nitroso-di-n-propyla...	7.442	70	507043	38.193	ng 98
20) 3+4-Methylphenols	7.431	107	751335	37.756	ng # 72
22) Acetophenone	7.437	105	904534	37.080	ng 97
24) Nitrobenzene	7.613	77	850920	39.620	ng 99
25) Isophorone	7.848	82	1533992	39.852	ng 100
26) 2-Nitrophenol	7.931	139	375425	44.967	ng 90
27) 2,4-Dimethylphenol	7.960	122	570558	37.850	ng 99
28) bis(2-Chloroethoxy)met...	8.054	93	902455	40.119	ng 99
29) 2,4-Dichlorophenol	8.172	162	568308	39.962	ng 98
30) 1,2,4-Trichlorobenzene	8.254	180	626925	39.639	ng 97
31) Naphthalene	8.337	128	1856871	38.014	ng 99
32) Benzoic acid	8.078	122	389908	37.633	ng 100
33) 4-Chloroaniline	8.384	127	774558	38.166	ng 97
34) Hexachlorobutadiene	8.448	225	396150	39.675	ng 99
35) Caprolactam	8.766	113	201866	43.724	ng 95
36) 4-Chloro-3-methylphenol	8.860	107	648448	40.751	ng 100
37) 2-Methylnaphthalene	9.031	142	1274332	38.764	ng 98
38) 1-Methylnaphthalene	9.131	142	1191653	38.584	ng 100
40) 1,2,4,5-Tetrachloroben...	9.195	216	642785	39.170	ng 99
41) Hexachlorocyclopentadiene	9.178	237	364006	40.386	ng 97
43) 2,4,6-Trichlorophenol	9.307	196	445239	41.188	ng 100

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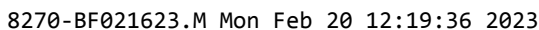
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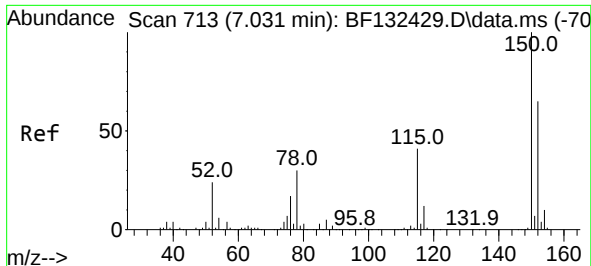
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	517609	41.110	ng	100
46) 1,1'-Biphenyl	9.495	154	1473659	37.596	ng	99
47) 2-Chloronaphthalene	9.525	162	1177374	38.269	ng	98
48) 2-Nitroaniline	9.619	65	443201	41.058	ng	93
49) Acenaphthylene	9.942	152	1865155	38.157	ng	99
50) Dimethylphthalate	9.795	163	1470629	39.433	ng	99
51) 2,6-Dinitrotoluene	9.860	165	335275	41.338	ng	93
52) Acenaphthene	10.113	154	1191619	39.172	ng	99
53) 3-Nitroaniline	10.031	138	381593	40.979	ng	96
54) 2,4-Dinitrophenol	10.136	184	209187	44.002	ng	97
55) Dibenzofuran	10.283	168	1709124	37.868	ng	99
56) 4-Nitrophenol	10.183	139	282071	41.752	ng	94
57) 2,4-Dinitrotoluene	10.266	165	447016	41.869	ng	98
58) Fluorene	10.631	166	1306507	38.288	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.401	232	398286	41.855	ng	97
60) Diethylphthalate	10.495	149	1420949	38.759	ng	99
61) 4-Chlorophenyl-phenyle...	10.619	204	685314	38.351	ng	96
62) 4-Nitroaniline	10.654	138	348270	40.081	ng	93
63) Azobenzene	10.778	77	1553087	38.287	ng	99
65) 4,6-Dinitro-2-methylph...	10.678	198	273417	45.337	ng	94
66) n-Nitrosodiphenylamine	10.736	169	1181519	39.685	ng	99
67) 4-Bromophenyl-phenylether	11.113	248	434257	40.846	ng	94
68) Hexachlorobenzene	11.183	284	445487	40.086	ng	95
69) Atrazine	11.266	200	375147	40.937	ng	98
70) Pentachlorophenol	11.378	266	299943	43.411	ng	99
71) Phenanthrene	11.601	178	1902804	38.086	ng	99
72) Anthracene	11.654	178	1953296	38.032	ng	99
73) Carbazole	11.807	167	1778744	38.475	ng	99
74) Di-n-butylphthalate	12.125	149	2161937	39.261	ng	99
75) Fluoranthene	12.795	202	2112226	37.910	ng	98
77) Benzidine	12.913	184	357136	29.199	ng	98
78) Pyrene	13.030	202	2116538	43.377	ng	99
80) Butylbenzylphthalate	13.636	149	853423	46.872	ng	97
81) Benzo(a)anthracene	14.224	228	1691716	40.213	ng	99
82) 3,3'-Dichlorobenzidine	14.183	252	476217	42.380	ng	# 97
83) Chrysene	14.266	228	1558742	38.780	ng	99
84) Bis(2-ethylhexyl)phtha...	14.189	149	997984	42.341	ng	98
85) Di-n-octyl phthalate	14.818	149	1481894	43.299	ng	98
87) Indeno(1,2,3-cd)pyrene	17.424	276	1543733	47.203	ng	99
88) Benzo(b)fluoranthene	15.330	252	1312461	39.010	ng	100
89) Benzo(k)fluoranthene	15.360	252	1296326	38.503	ng	100
90) Benzo(a)pyrene	15.730	252	1270090	40.622	ng	99
91) Dibenzo(a,h)anthracene	17.442	278	1260177	46.784	ng	100
92) Benzo(g,h,i)perylene	17.918	276	1331901	48.148	ng	97

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

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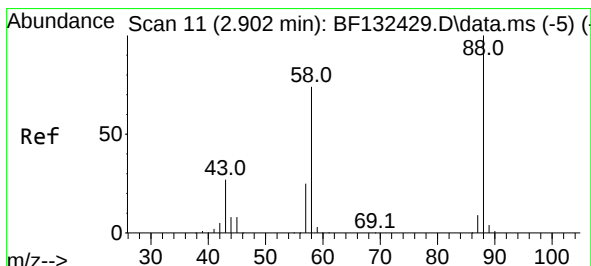
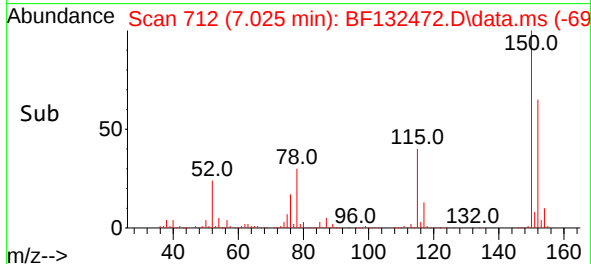
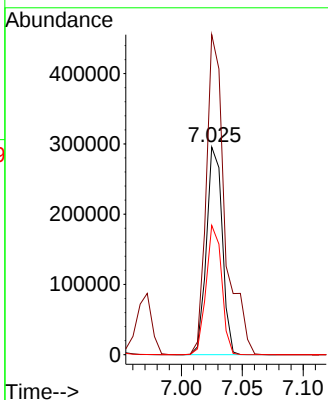
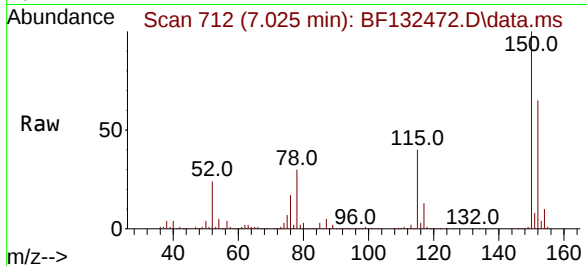




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.025 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132472.D
 Acq: 20 Feb 2023 10:54

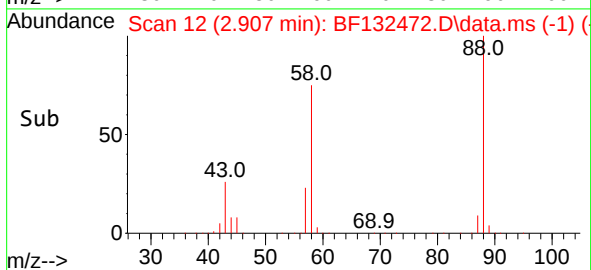
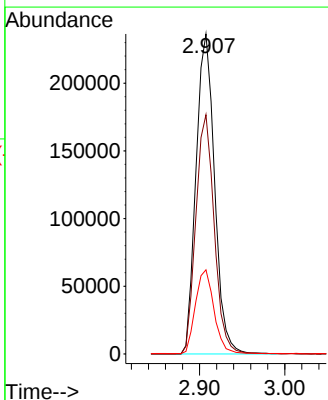
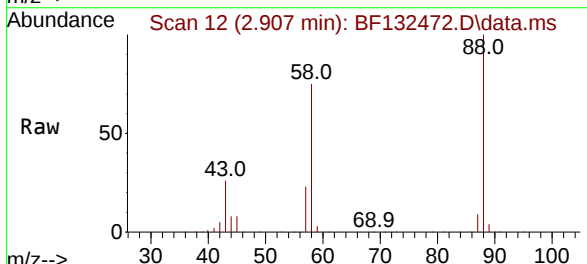
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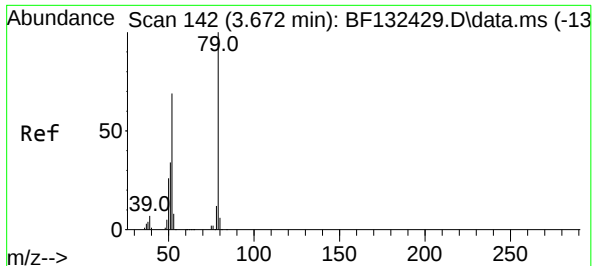
Tgt Ion:152 Resp: 265746
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.8 185.8
 115 62.3 50.4 75.6



#2
 1,4-Dioxane
 Concen: 39.867 ng
 RT: 2.907 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: BF132472.D
 Acq: 20 Feb 2023 10:54

Tgt Ion: 88 Resp: 357679
 Ion Ratio Lower Upper
 88 100
 58 74.1 60.1 90.1
 43 26.2 21.5 32.3

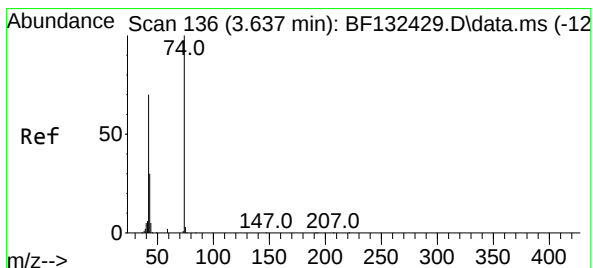
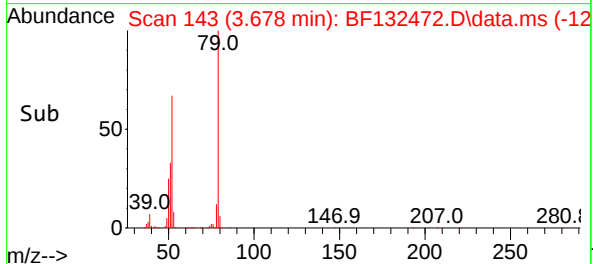
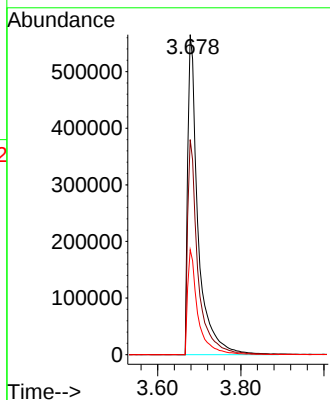
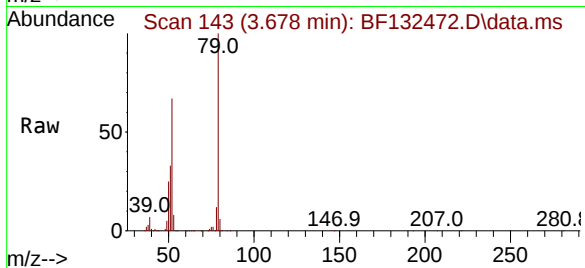




#3
Pyridine
Concen: 40.059 ng
RT: 3.678 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

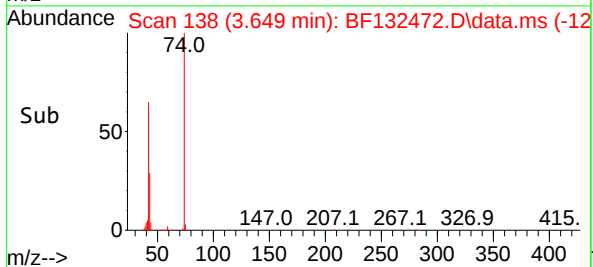
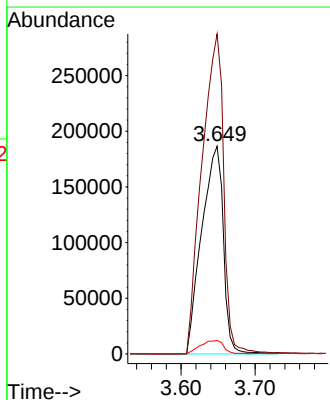
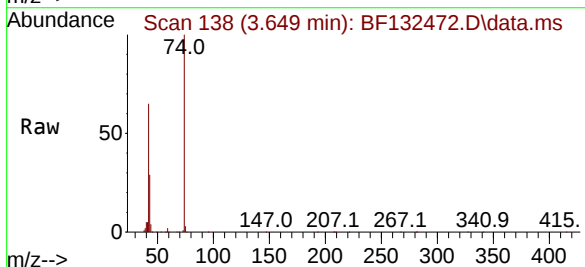
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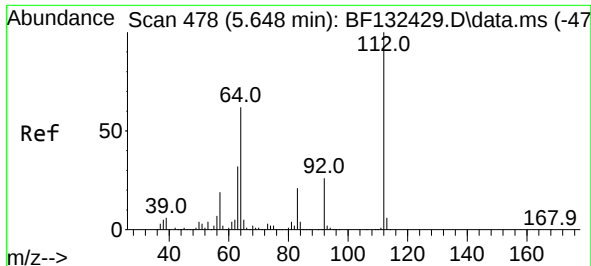
Tgt Ion: 79 Resp: 975563
Ion Ratio Lower Upper
79 100
52 67.2 55.0 82.6
51 32.8 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 39.239 ng
RT: 3.649 min Scan# 138
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion: 42 Resp: 377303
Ion Ratio Lower Upper
42 100
74 154.1 115.1 172.7
44 6.5 5.7 8.5

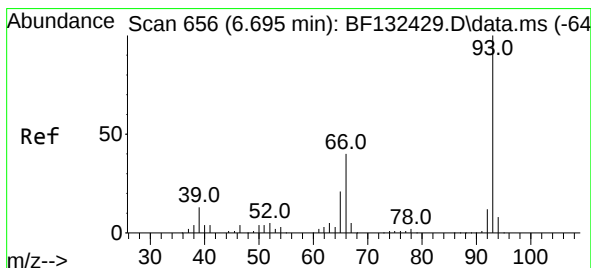
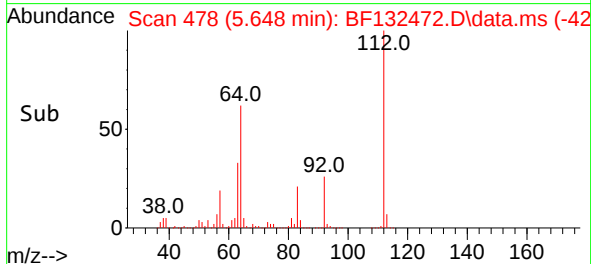
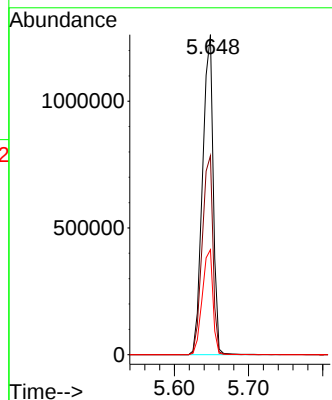
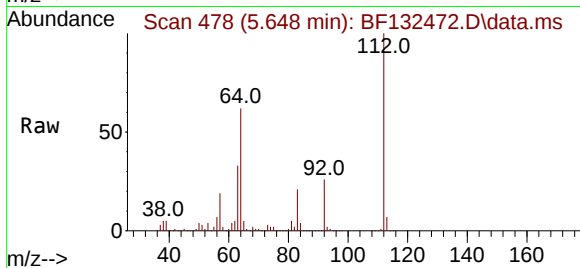




#5
2-Fluorophenol
Concen: 76.095 ng
RT: 5.648 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

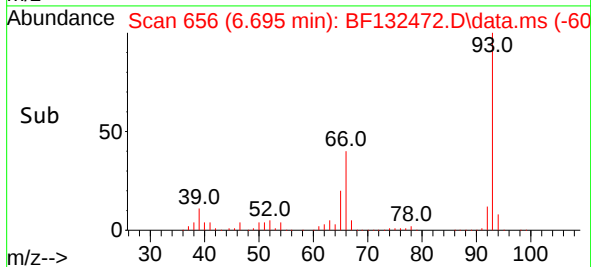
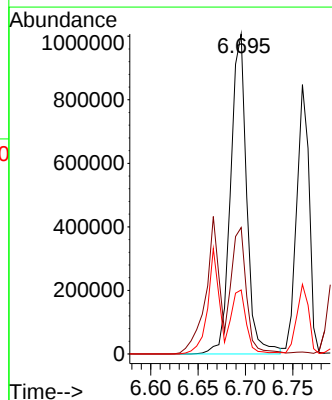
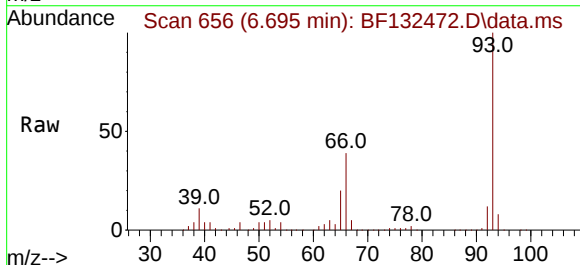
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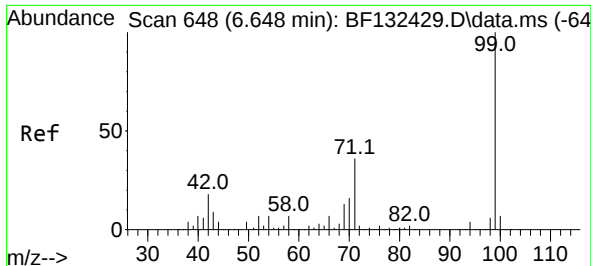
Tgt Ion:112 Resp: 1262012
Ion Ratio Lower Upper
112 100
64 62.1 49.7 74.5
63 32.8 25.8 38.8



#6
Aniline
Concen: 39.580 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion: 93 Resp: 1194092
Ion Ratio Lower Upper
93 100
66 39.5 32.7 49.1
65 20.0 17.1 25.7

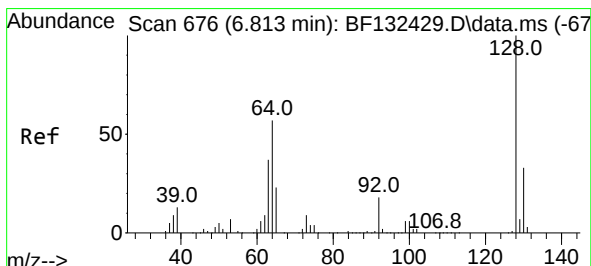
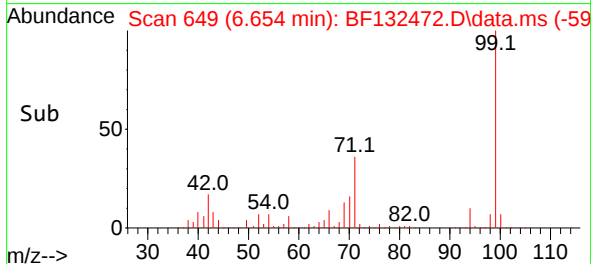
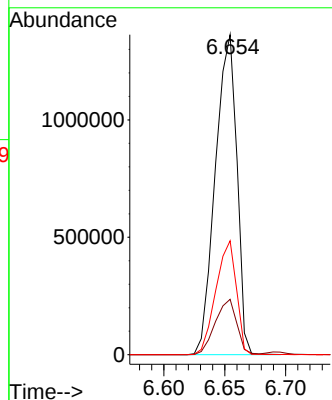
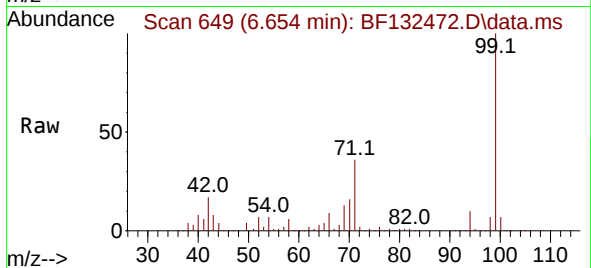




#7
Phenol-d6
Concen: 77.316 ng
RT: 6.654 min Scan# 648
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

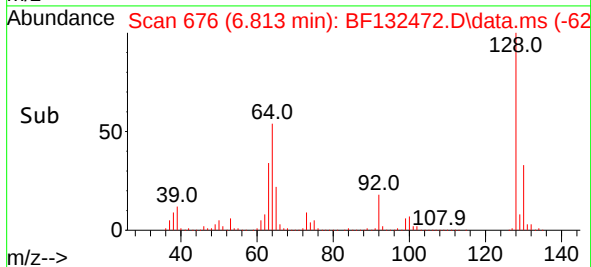
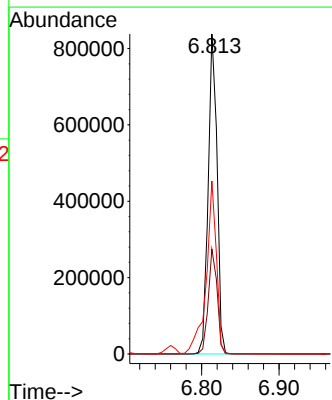
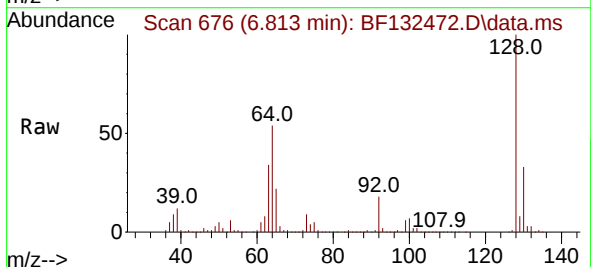
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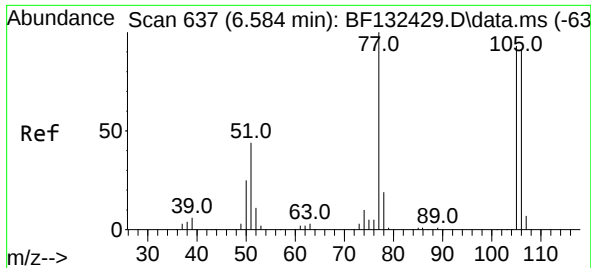
Tgt Ion: 99 Resp: 1674314
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 35.6 28.7 43.1



#8
2-Chlorophenol
Concen: 39.420 ng
RT: 6.813 min Scan# 676
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:128 Resp: 667425
Ion Ratio Lower Upper
128 100
130 32.8 13.0 53.0
64 54.0 37.9 77.9

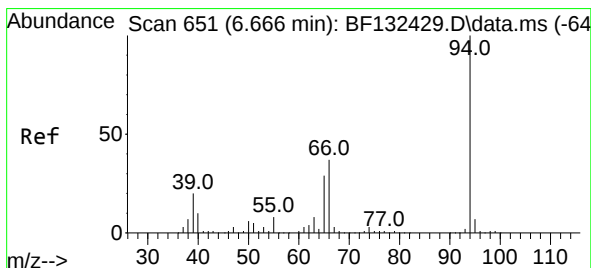
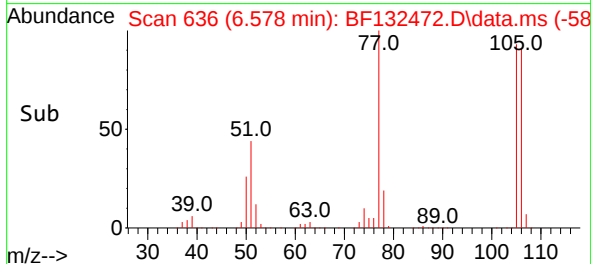
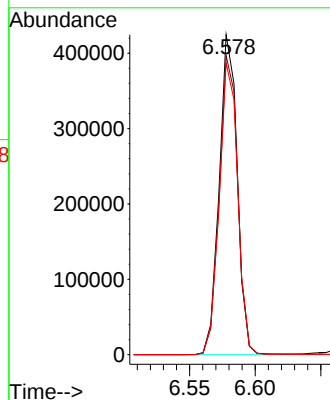
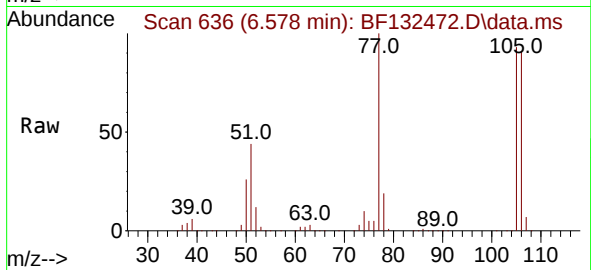




#9
Benzaldehyde
Concen: 34.886 ng
RT: 6.578 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

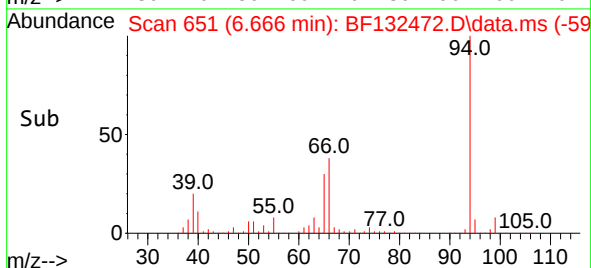
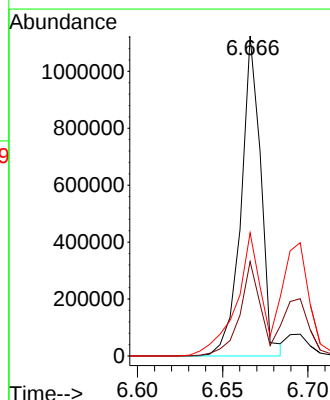
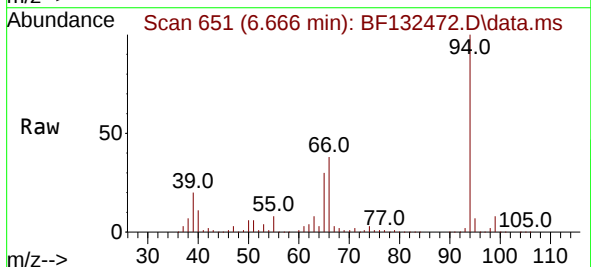
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ClientSampleId :
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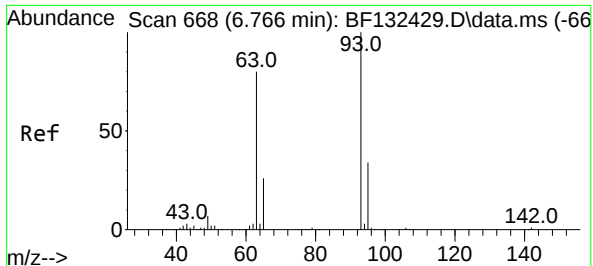
Tgt Ion: 77 Resp: 403923
Ion Ratio Lower Upper
77 100
105 93.5 73.2 113.2
106 91.1 71.5 111.5



#10
Phenol
Concen: 39.426 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion: 94 Resp: 904799
Ion Ratio Lower Upper
94 100
65 29.5 9.0 49.0
66 38.5 17.4 57.4

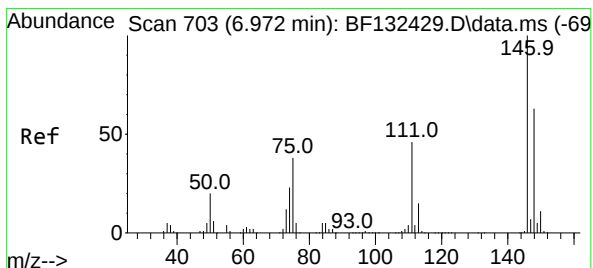
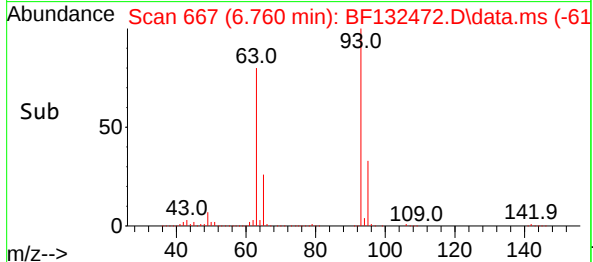
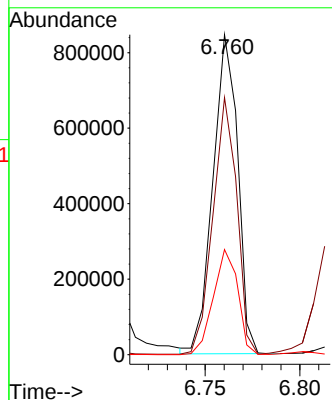
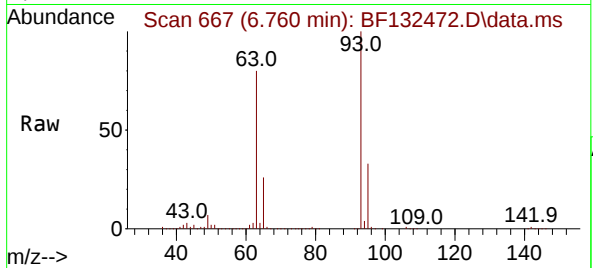




#11
bis(2-Chloroethyl)ether
Concen: 39.529 ng
RT: 6.760 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

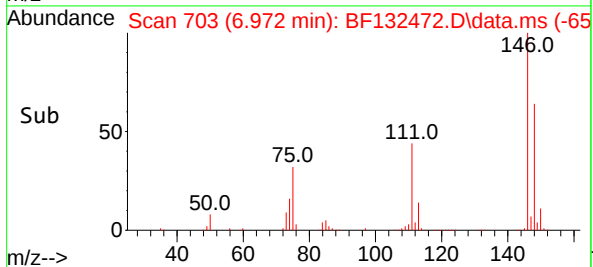
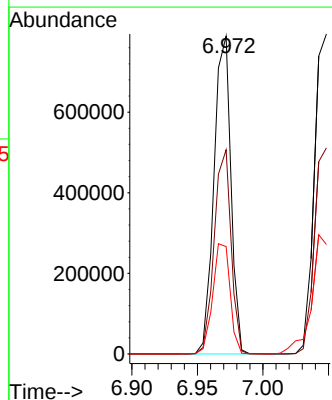
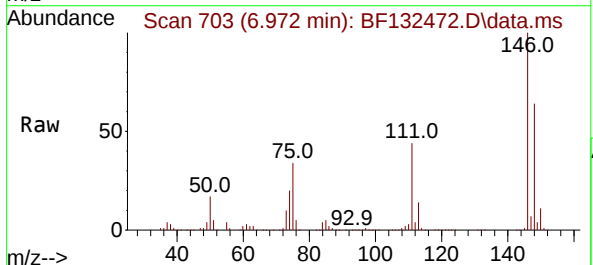
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

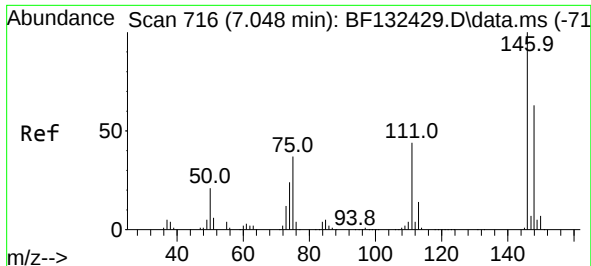
Tgt Ion: 93 Resp: 769489
Ion Ratio Lower Upper
93 100
63 80.3 58.6 98.6
95 32.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 38.414 ng
RT: 6.972 min Scan# 703
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:146 Resp: 708514
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 33.8 30.3 45.5

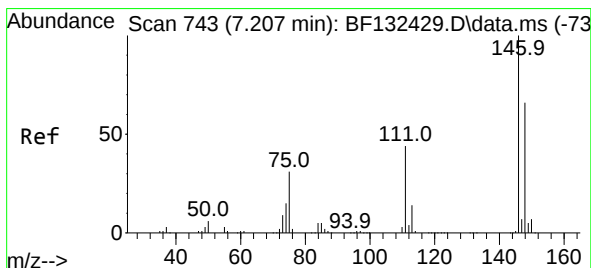
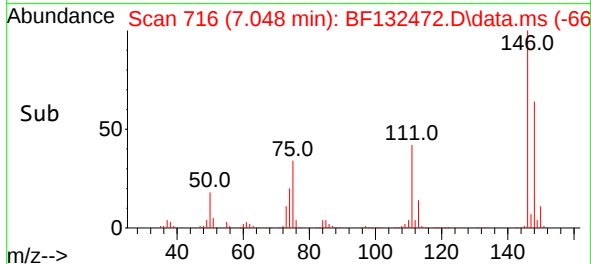
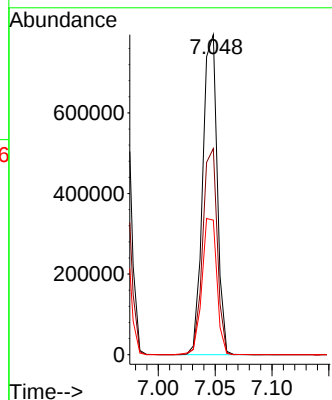
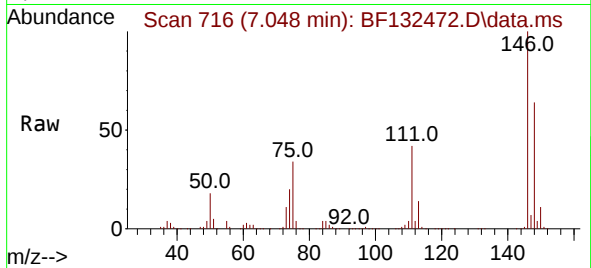




#13
1,4-Dichlorobenzene
Concen: 38.327 ng
RT: 7.048 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

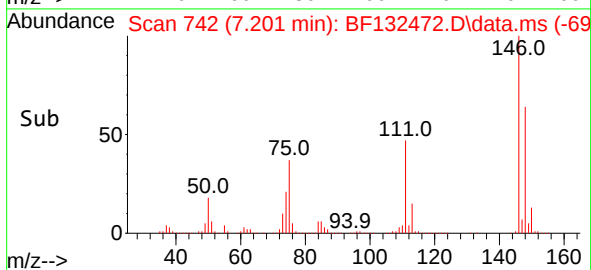
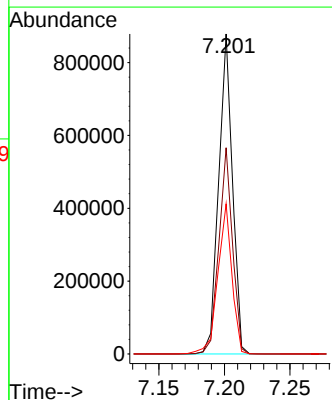
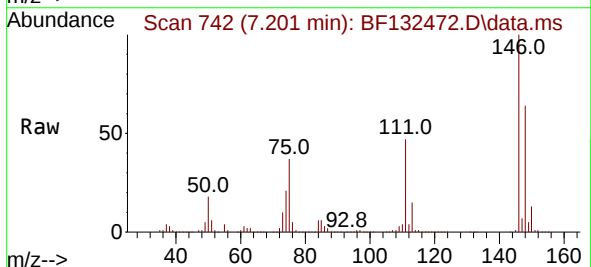
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

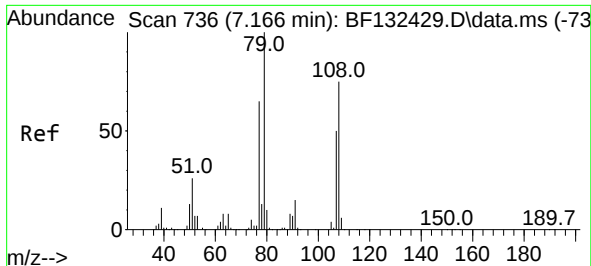
Tgt Ion:146 Resp: 705174
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
111 42.0 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 37.926 ng
RT: 7.201 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:146 Resp: 639305
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
111 46.9 35.5 53.3

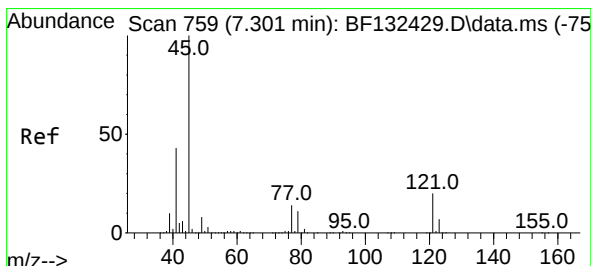
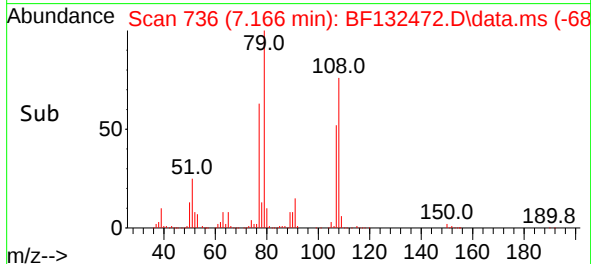
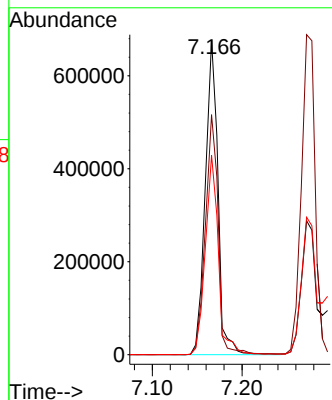
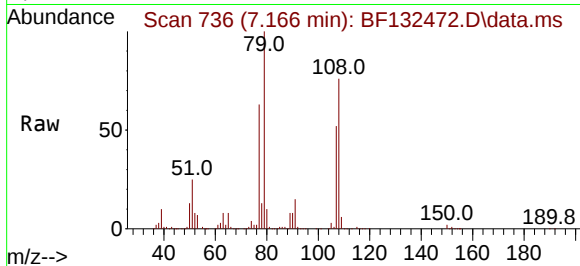




#15
Benzyl Alcohol
Concen: 41.387 ng
RT: 7.166 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

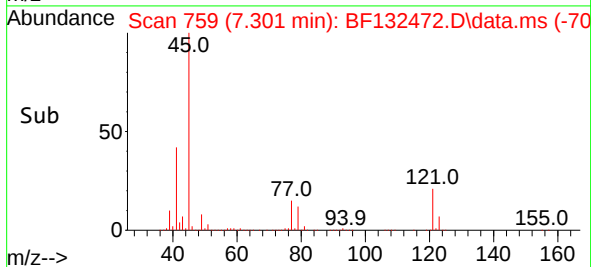
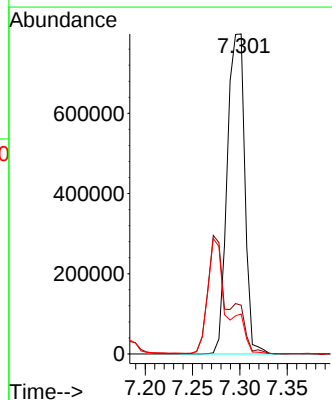
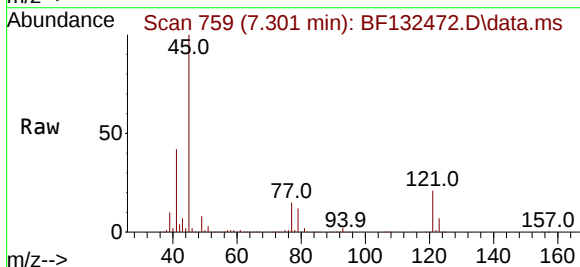
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

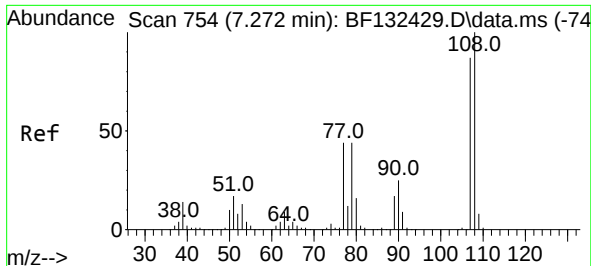
Tgt Ion: 79 Resp: 662944
Ion Ratio Lower Upper
79 100
108 76.3 59.8 89.6
77 63.4 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.949 ng
RT: 7.301 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion: 45 Resp: 1027161
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.3
79 12.5 0.0 31.3



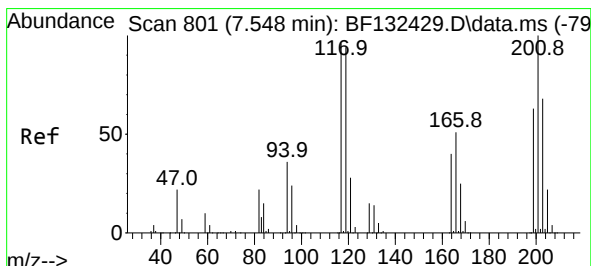
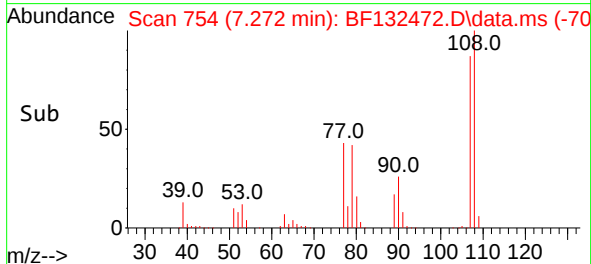
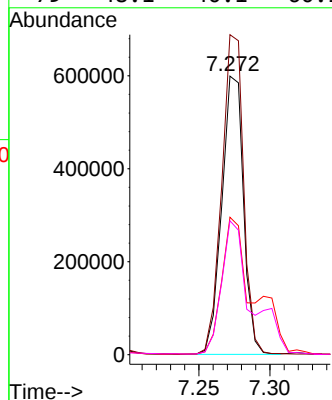
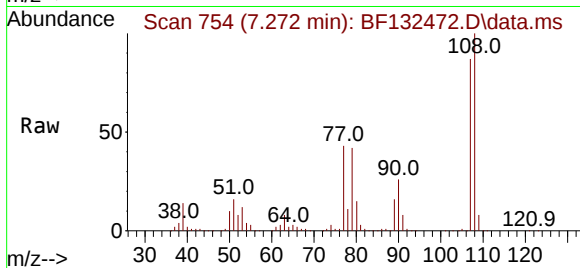


#17
2-Methylphenol
Concen: 39.439 ng
RT: 7.272 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 635662

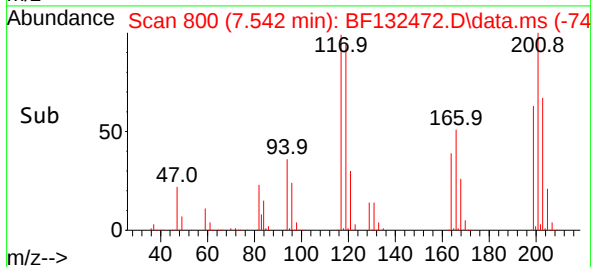
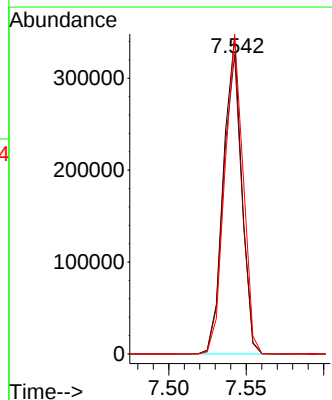
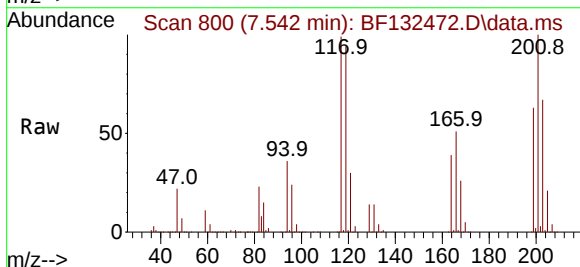
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	49.3	40.7	61.1
79	48.1	40.1	60.1

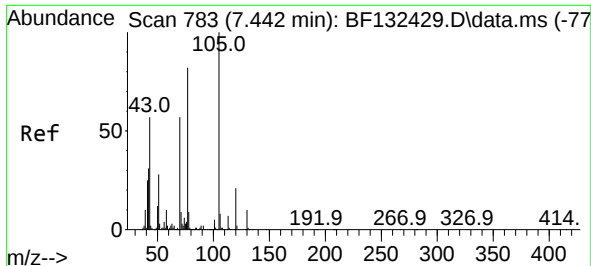


#18
Hexachloroethane
Concen: 40.589 ng
RT: 7.542 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:117 Resp: 281970

Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.8	118.2
201	101.1	83.5	125.3

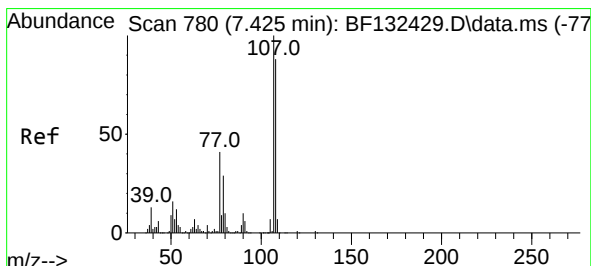
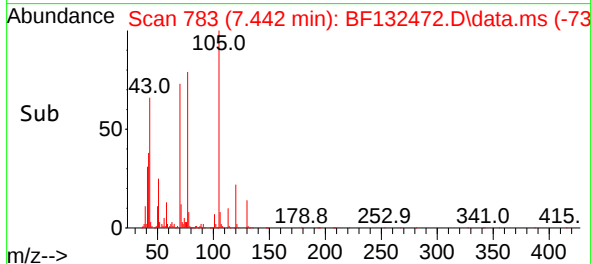
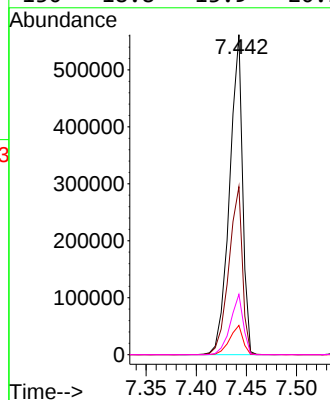
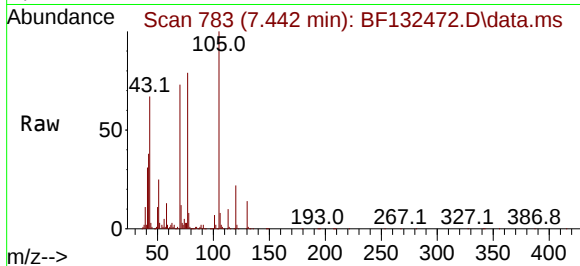




#19
n-Nitroso-di-n-propylamine
Concen: 38.193 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

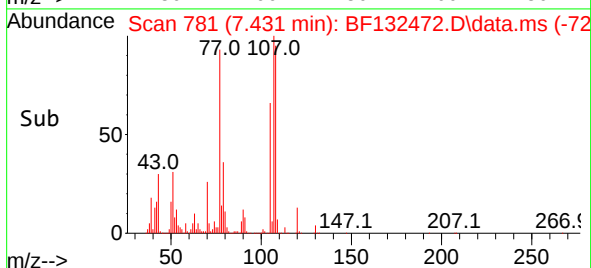
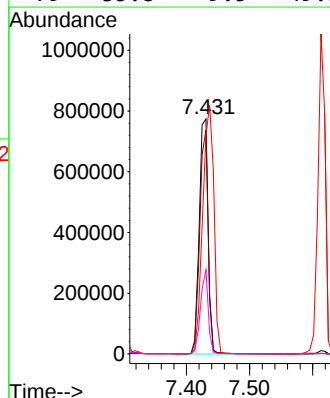
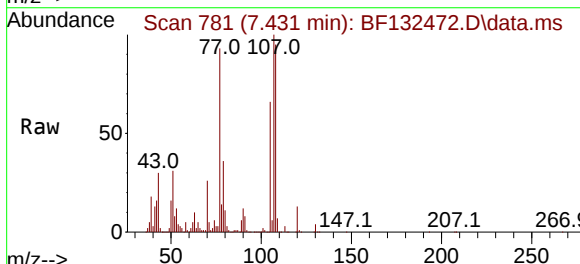
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

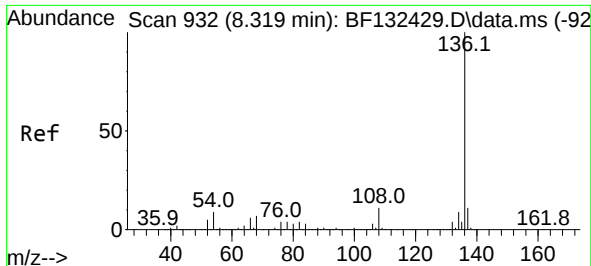
Tgt Ion:	70	Resp:	507043
Ion	Ratio	Lower	Upper
70	100		
42	52.5	43.5	65.3
101	9.2	7.3	10.9
130	18.8	13.9	20.9



#20
3+4-Methylphenols
Concen: 37.756 ng
RT: 7.431 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:	107	Resp:	751335
Ion	Ratio	Lower	Upper
107	100		
108	95.2	68.1	108.1
77	93.1	21.3	61.3#
79	35.8	9.5	49.5



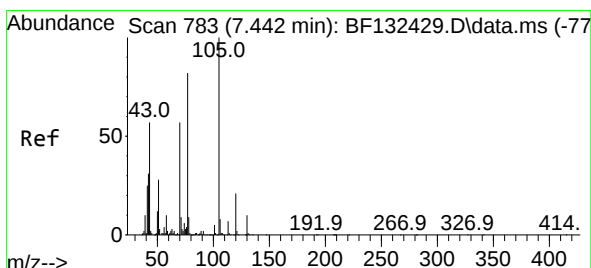
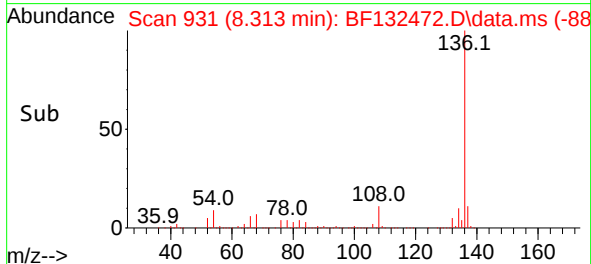
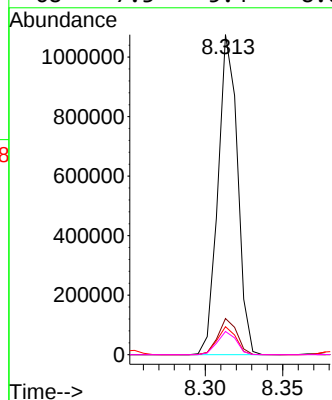
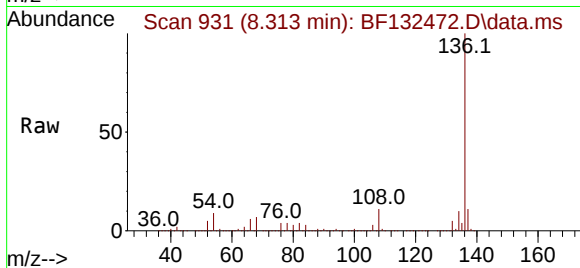


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 941241

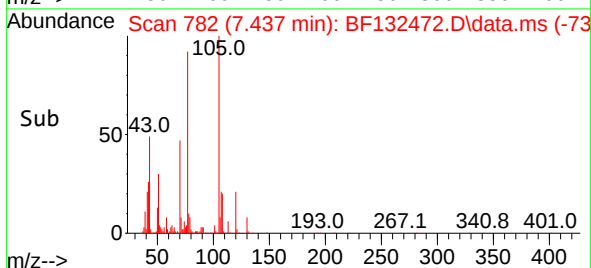
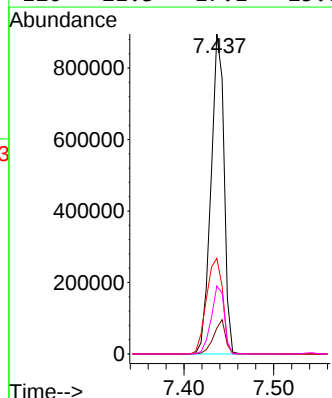
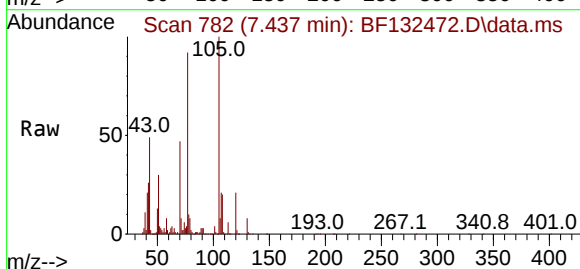
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.8	6.9	10.3
68	7.3	5.4	8.0

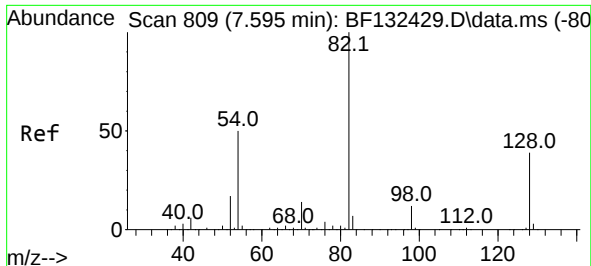


#22
Acetophenone
Concen: 37.080 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:105 Resp: 904534

Ion	Ratio	Lower	Upper
105	100		
71	8.1	7.3	10.9
51	29.9	22.2	33.2
120	21.3	17.1	25.7





#23

Nitrobenzene-d5

Concen: 80.614 ng

RT: 7.595 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

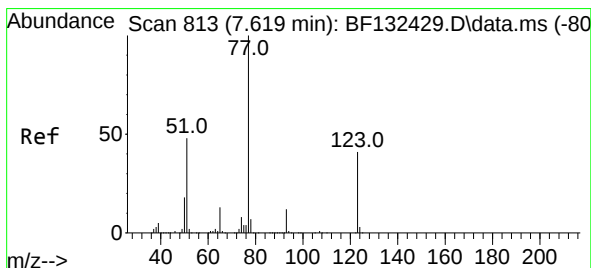
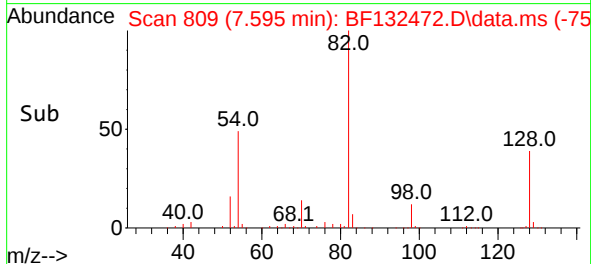
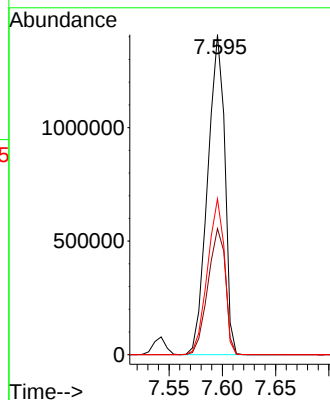
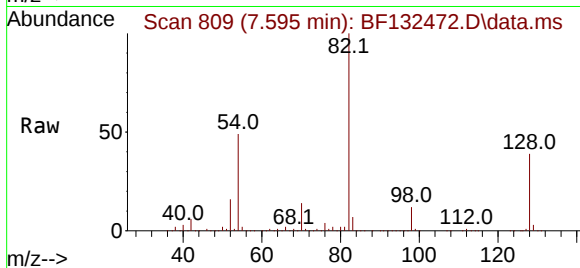
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1579146

Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.8	46.2
54	48.7	40.2	60.4



#24

Nitrobenzene

Concen: 39.620 ng

RT: 7.613 min Scan# 812

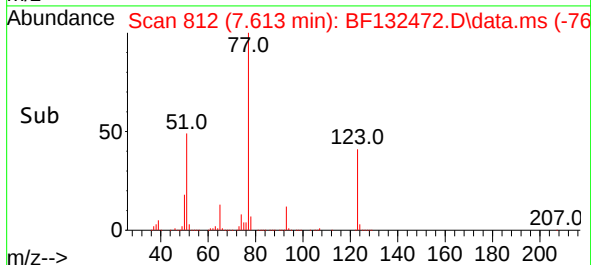
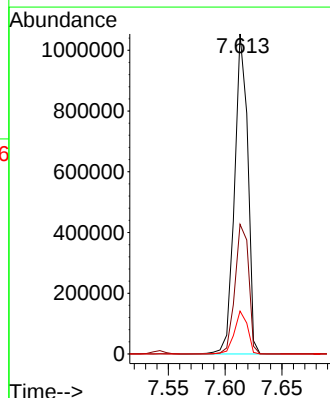
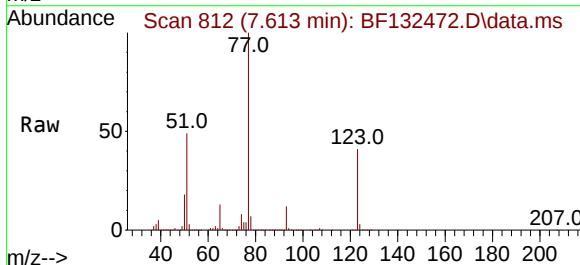
Delta R.T. 0.000 min

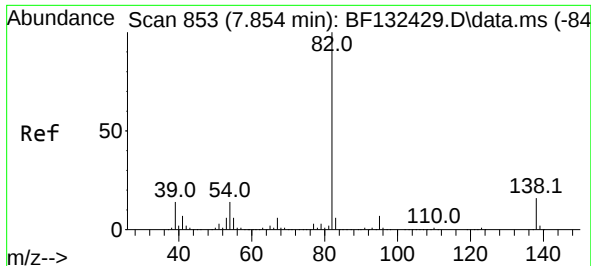
Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Tgt Ion: 77 Resp: 850920

Ion	Ratio	Lower	Upper
77	100		
123	40.5	33.2	49.8
65	13.4	10.4	15.6

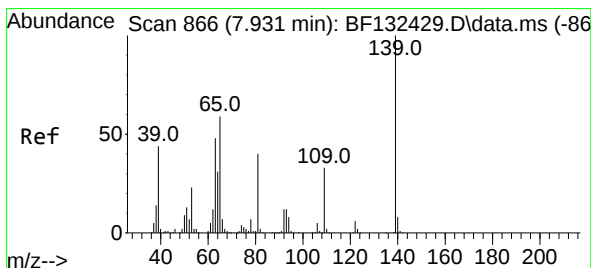
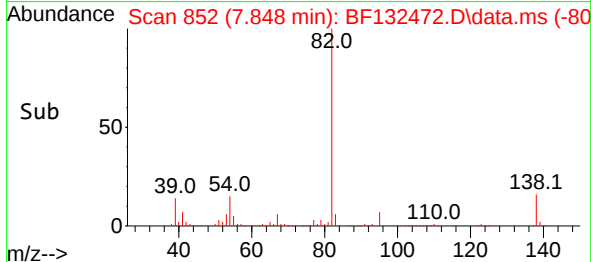
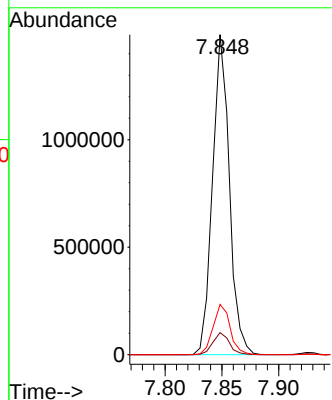
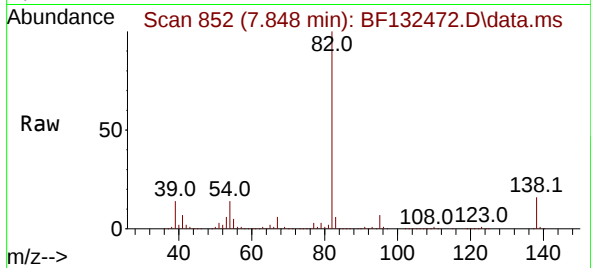




#25
Isophorone
Concen: 39.852 ng
RT: 7.848 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

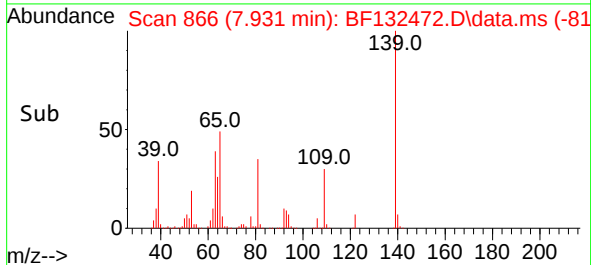
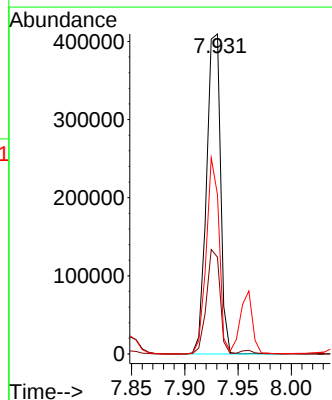
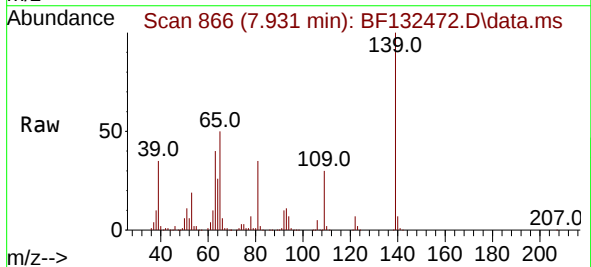
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

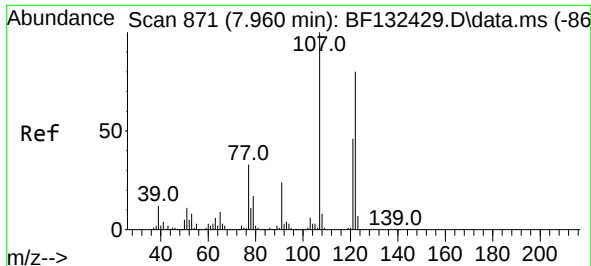
Tgt Ion: 82 Resp: 1533992
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 15.7 12.7 19.1



#26
2-Nitrophenol
Concen: 44.967 ng
RT: 7.931 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:139 Resp: 375425
Ion Ratio Lower Upper
139 100
109 30.2 26.3 39.5
65 49.8 47.4 71.0

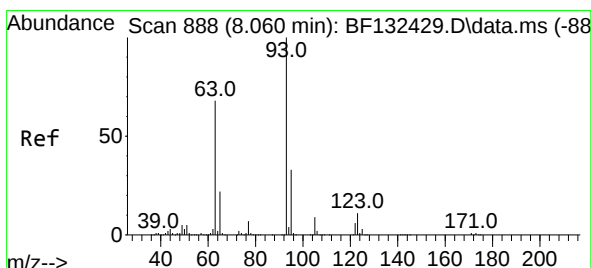
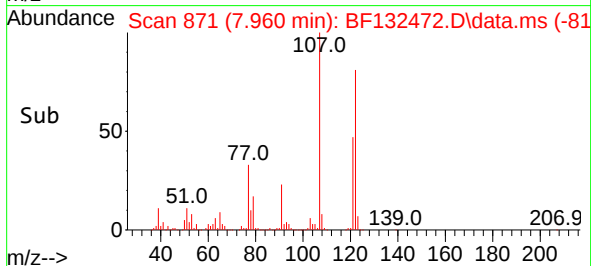
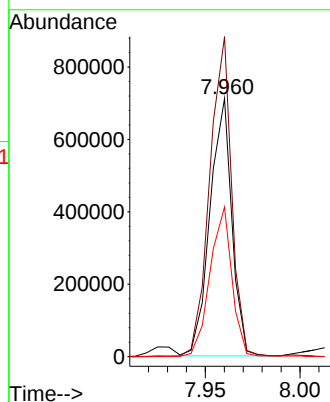
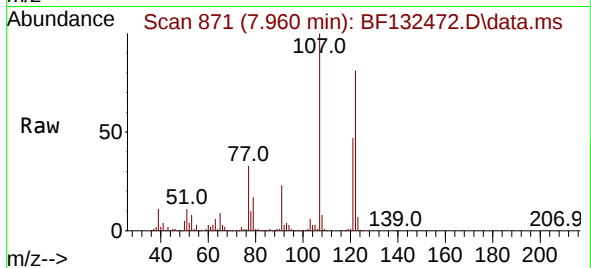




#27
2,4-Dimethylphenol
Concen: 37.850 ng
RT: 7.960 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

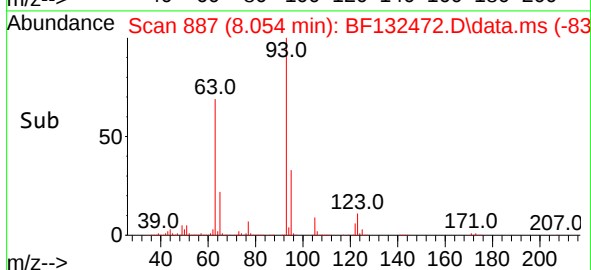
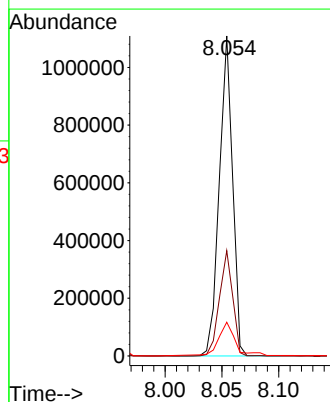
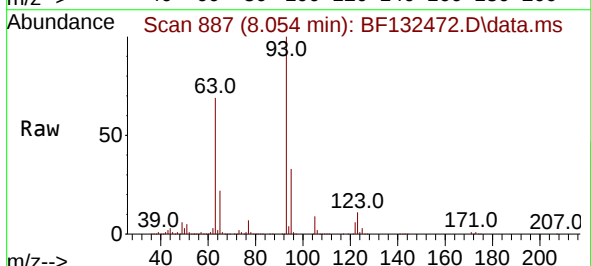
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

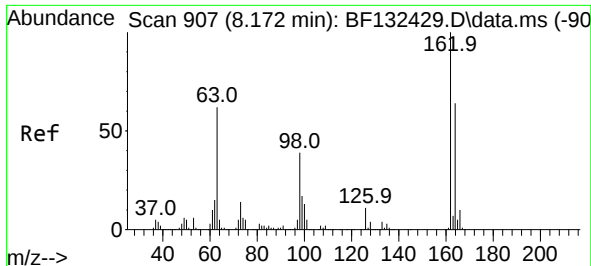
Tgt Ion:122 Resp: 570558
Ion Ratio Lower Upper
122 100
107 123.9 99.9 149.9
121 58.0 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.119 ng
RT: 8.054 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion: 93 Resp: 902455
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 10.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.962 ng

RT: 8.172 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

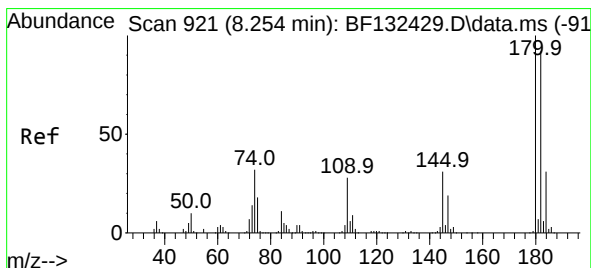
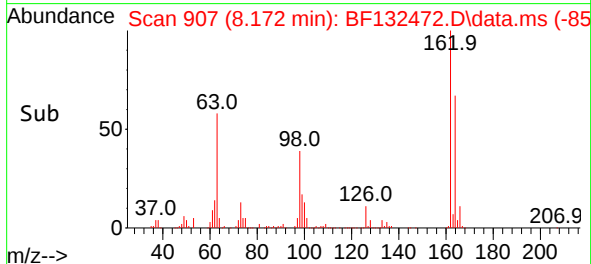
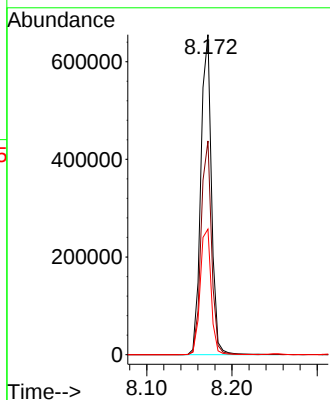
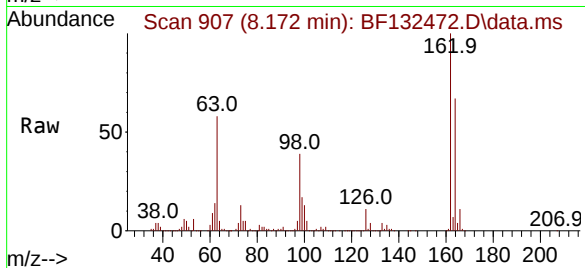
Tgt Ion:162 Resp: 568308

Ion Ratio Lower Upper

162 100

164 66.8 44.0 84.0

98 39.3 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 39.639 ng

RT: 8.254 min Scan# 921

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

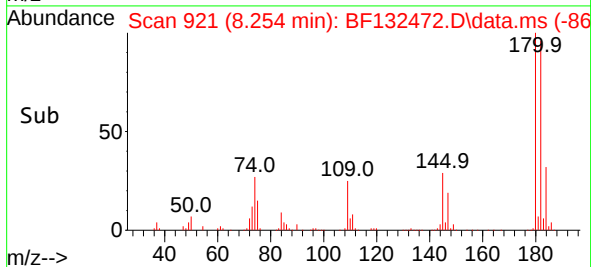
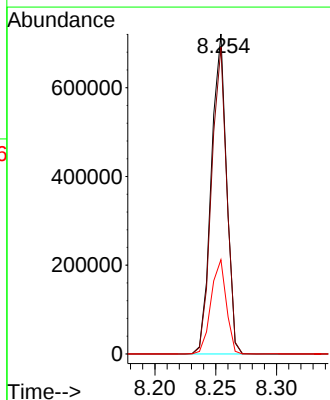
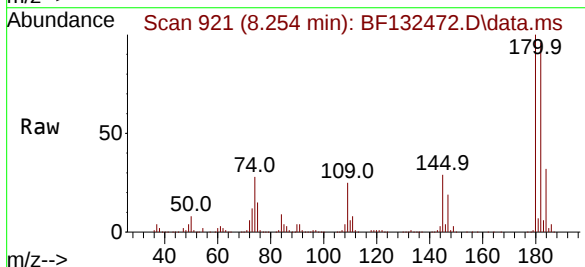
Tgt Ion:180 Resp: 626925

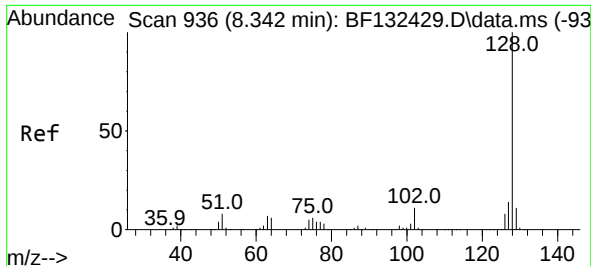
Ion Ratio Lower Upper

180 100

182 95.9 73.8 110.8

145 29.5 24.4 36.6

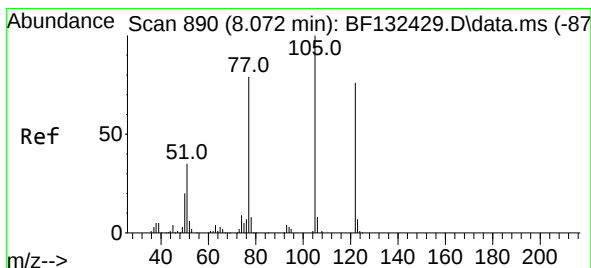
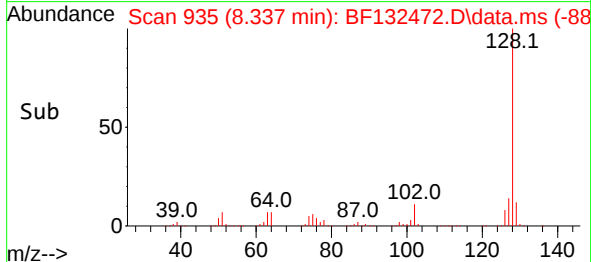
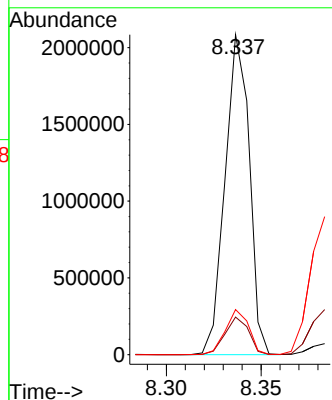
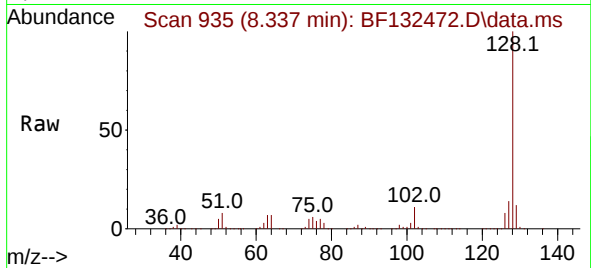




#31
Naphthalene
Concen: 38.014 ng
RT: 8.337 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

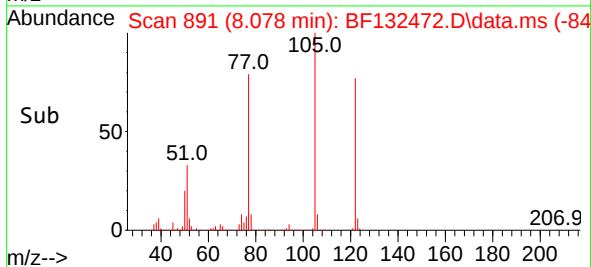
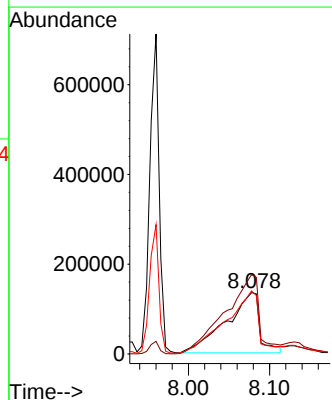
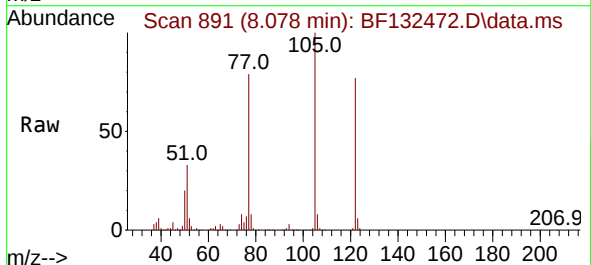
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

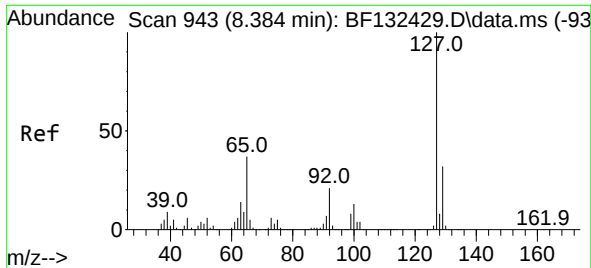
Tgt Ion:128 Resp: 1856871
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 14.1 11.0 16.4



#32
Benzoic acid
Concen: 37.633 ng
RT: 8.078 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:122 Resp: 389908
Ion Ratio Lower Upper
122 100
105 129.6 109.7 149.7
77 102.9 83.8 123.8

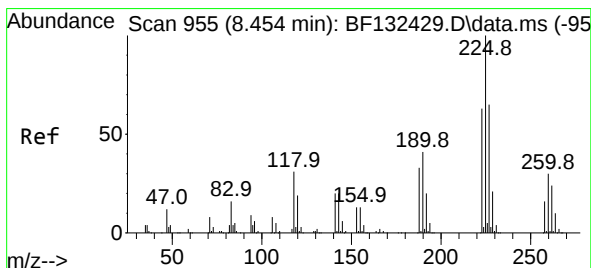
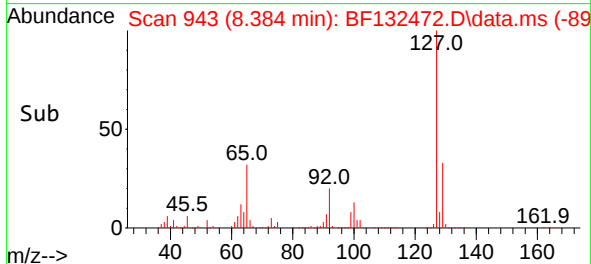
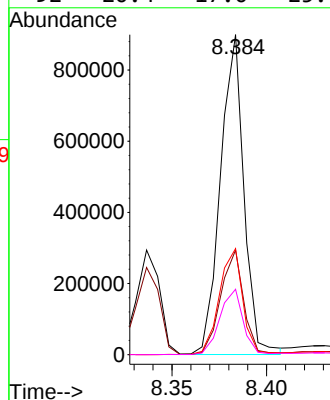
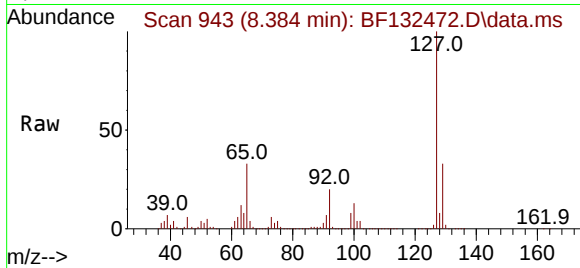




#33
4-Chloroaniline
Concen: 38.166 ng
RT: 8.384 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

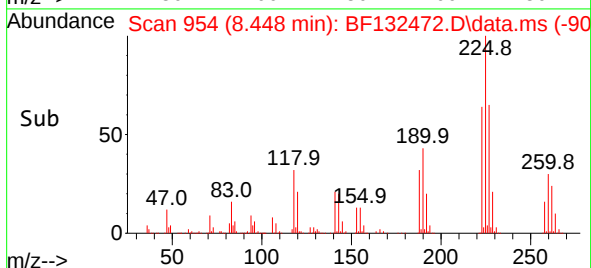
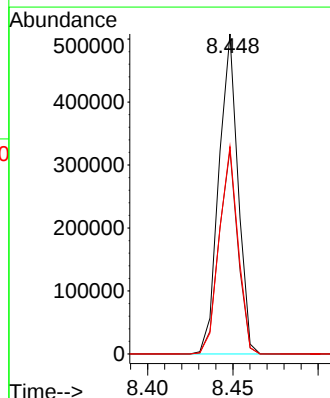
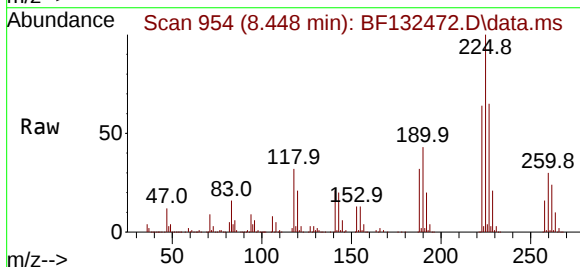
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

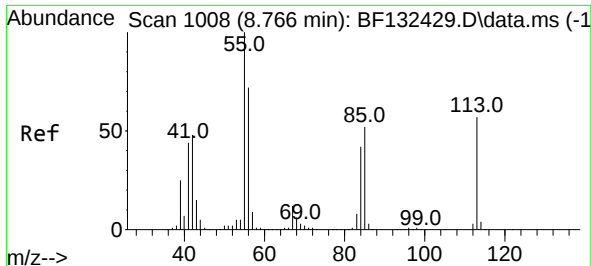
Tgt Ion:	127	Resp:	774558
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	33.1	29.8	44.6
92	20.4	17.0	25.4



#34
Hexachlorobutadiene
Concen: 39.675 ng
RT: 8.448 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:	225	Resp:	396150
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.8	52.2	78.4

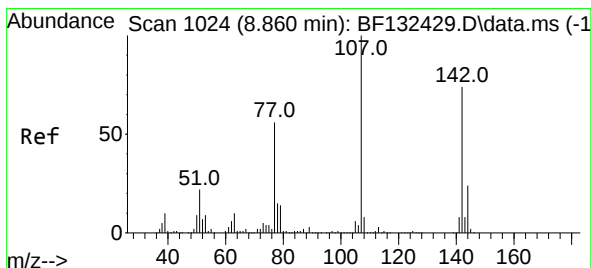
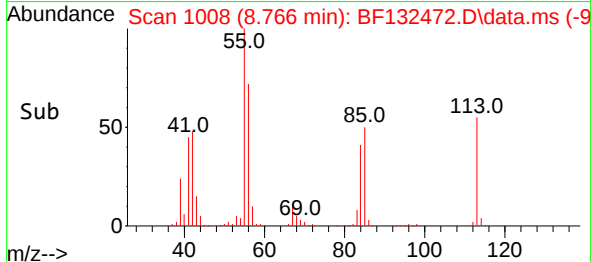
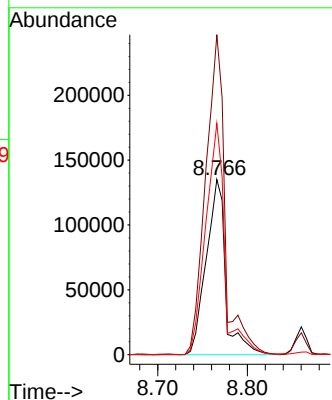
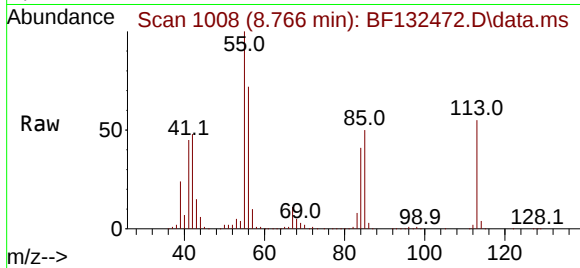




#35
 Caprolactam
 Concen: 43.724 ng
 RT: 8.766 min Scan# 1008
 Delta R.T. 0.000 min
 Lab File: BF132472.D
 Acq: 20 Feb 2023 10:54

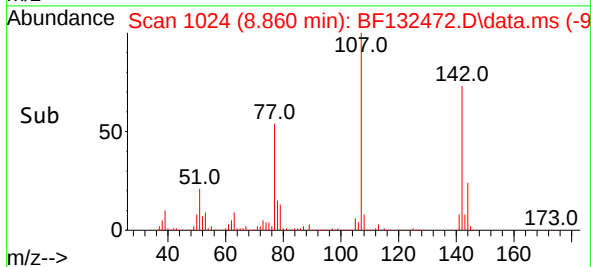
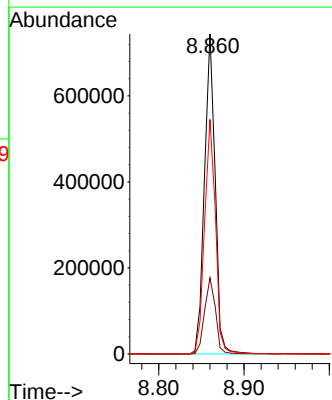
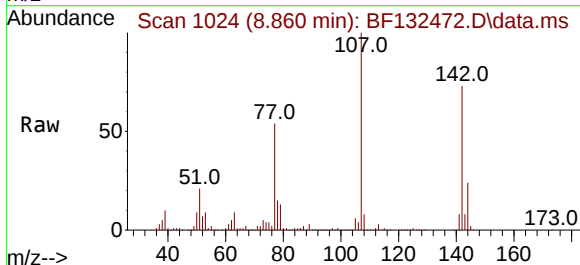
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

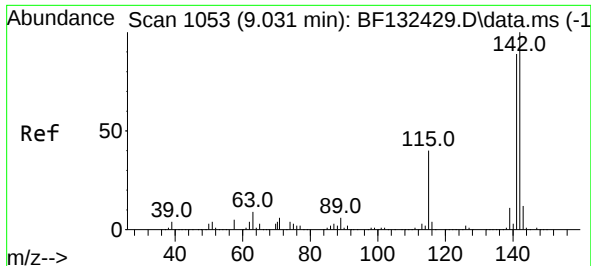
Tgt Ion:113 Resp: 201866
 Ion Ratio Lower Upper
 113 100
 55 182.6 155.8 195.8
 56 132.0 107.3 147.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.751 ng
 RT: 8.860 min Scan# 1024
 Delta R.T. 0.006 min
 Lab File: BF132472.D
 Acq: 20 Feb 2023 10:54

Tgt Ion:107 Resp: 648448
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.8 28.2
 142 73.3 58.8 88.2





#37

2-Methylnaphthalene

Concen: 38.764 ng

RT: 9.031 min Scan# 1053

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

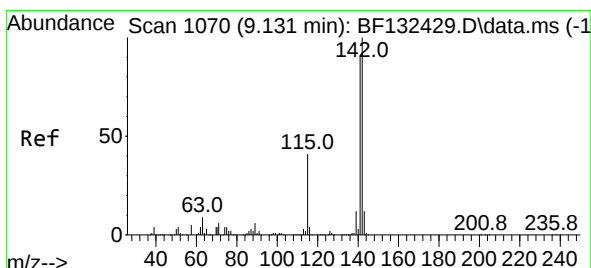
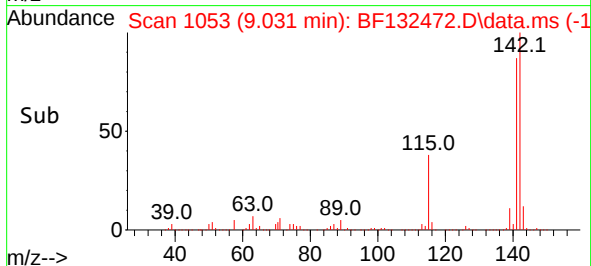
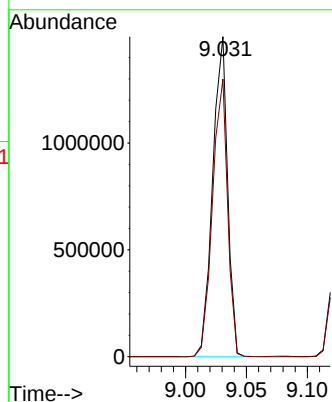
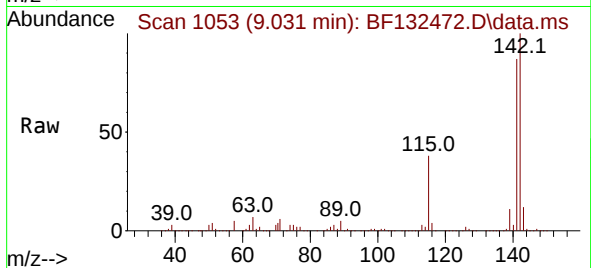
SSTDCCC040

Tgt Ion:142 Resp: 1274332

Ion Ratio Lower Upper

142 100

141 86.7 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.584 ng

RT: 9.131 min Scan# 1070

Delta R.T. 0.006 min

Lab File: BF132472.D

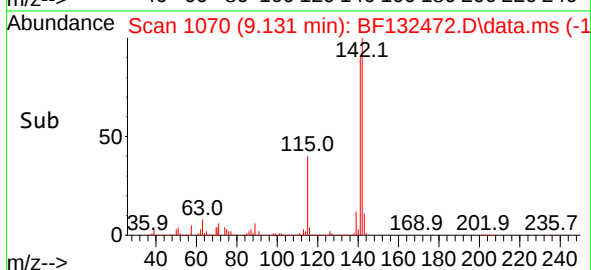
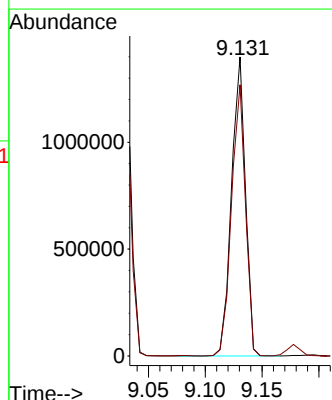
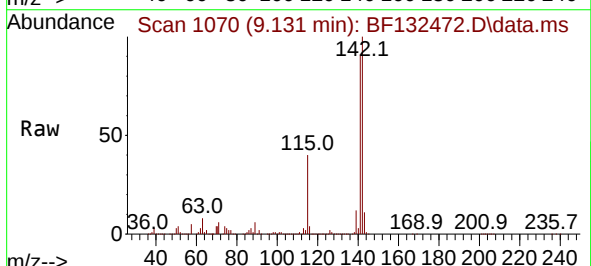
Acq: 20 Feb 2023 10:54

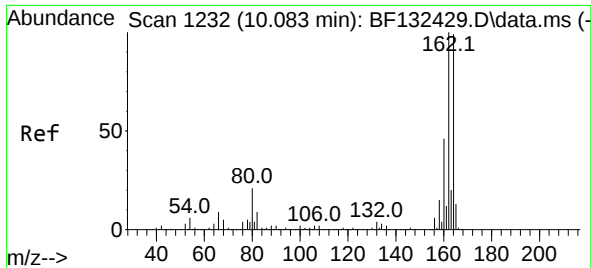
Tgt Ion:142 Resp: 1191653

Ion Ratio Lower Upper

142 100

141 90.7 72.7 109.1

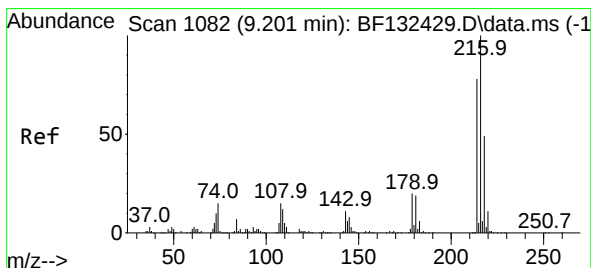
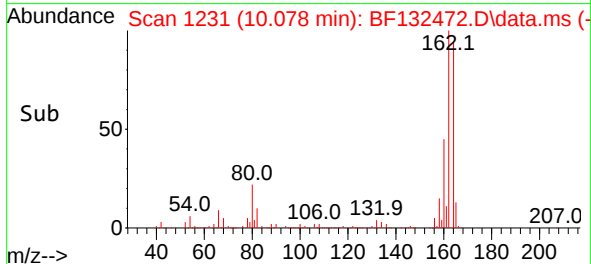
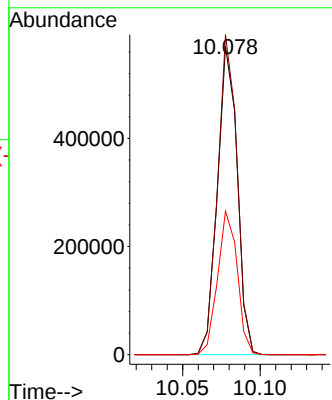
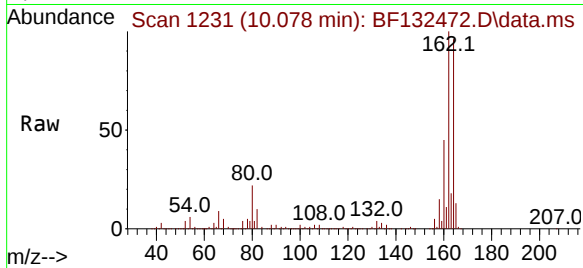




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

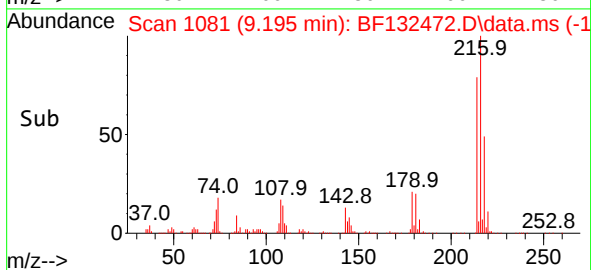
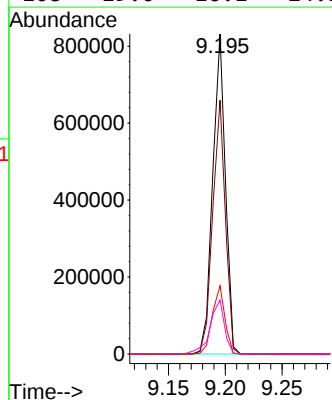
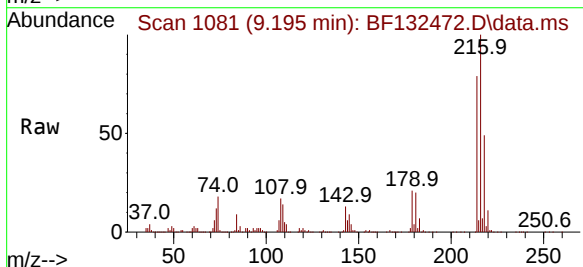
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

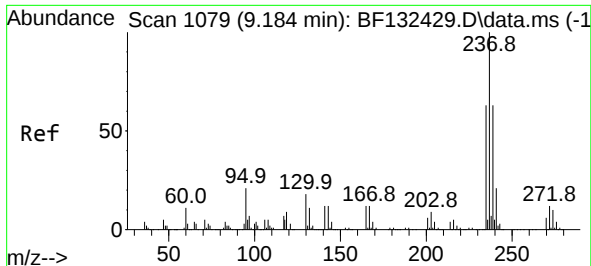
Tgt Ion:164 Resp: 506435
Ion Ratio Lower Upper
164 100
162 103.7 80.8 121.2
160 46.6 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.170 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:216 Resp: 642785
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 21.1 16.4 24.6
108 19.0 16.1 24.1

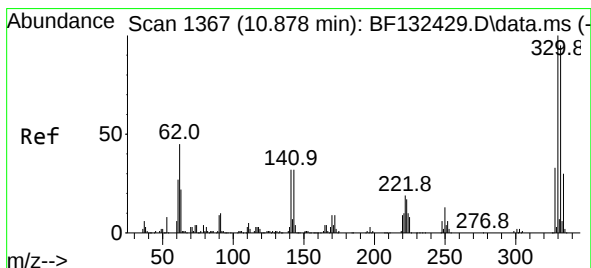
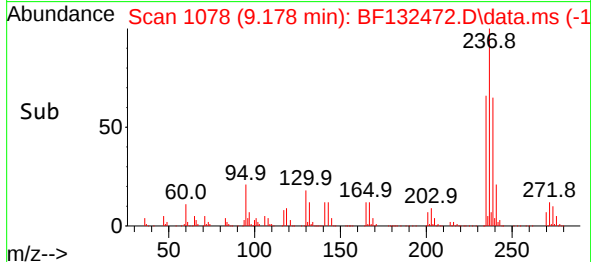
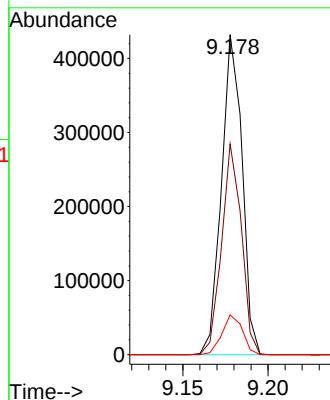
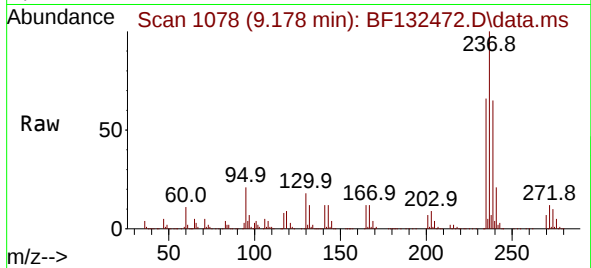




#41
Hexachlorocyclopentadiene
Concen: 40.386 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

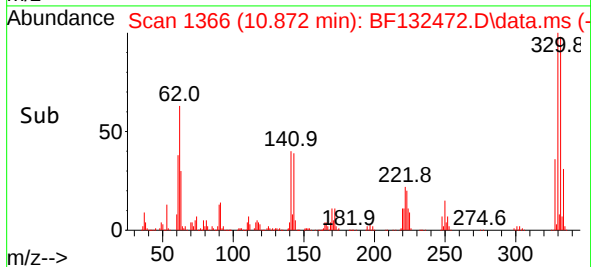
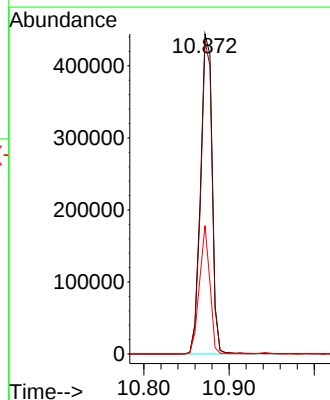
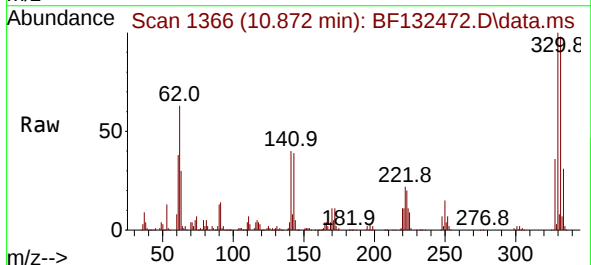
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

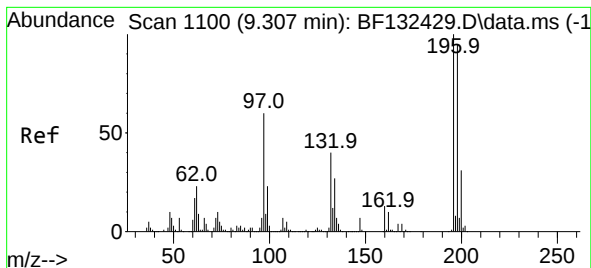
Tgt Ion:237 Resp: 364006
Ion Ratio Lower Upper
237 100
235 65.9 43.1 83.1
272 12.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 83.367 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:330 Resp: 421247
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 35.9 30.3 45.5





#43

2,4,6-Trichlorophenol

Concen: 41.188 ng

RT: 9.307 min Scan# 1100

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

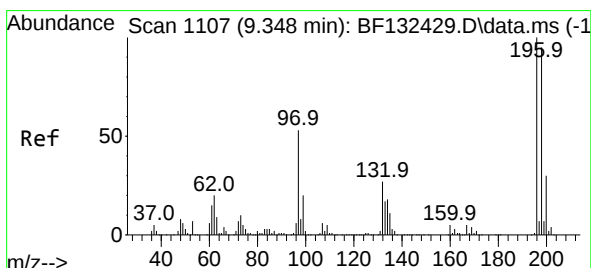
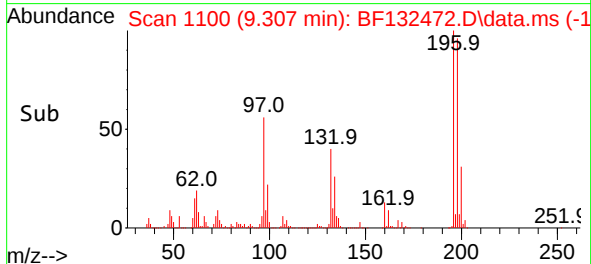
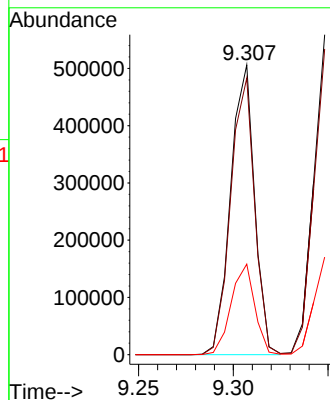
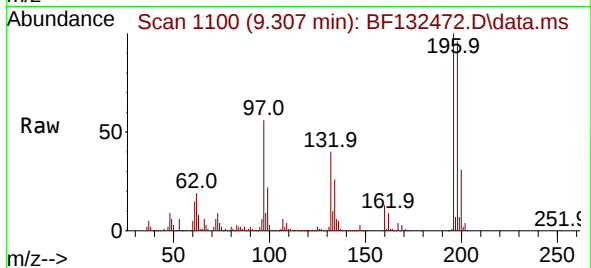
Tgt Ion:196 Resp: 445239

Ion Ratio Lower Upper

196 100

198 95.5 76.3 114.5

200 31.2 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 41.110 ng

RT: 9.348 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Tgt Ion:196 Resp: 517609

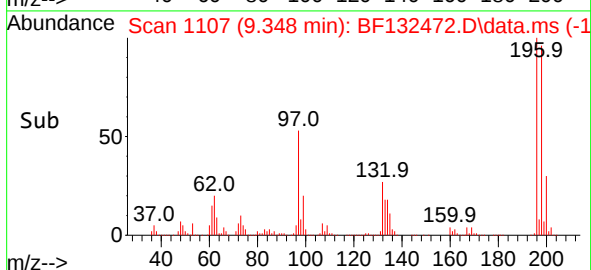
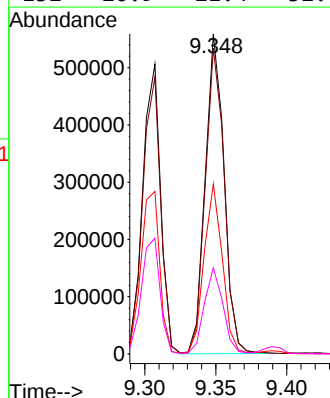
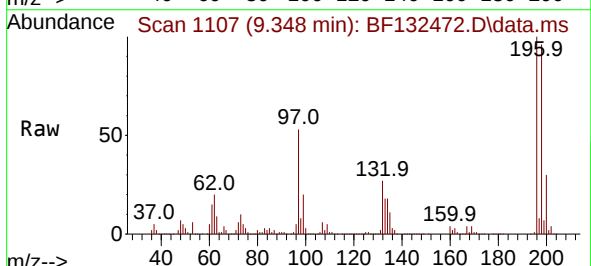
Ion Ratio Lower Upper

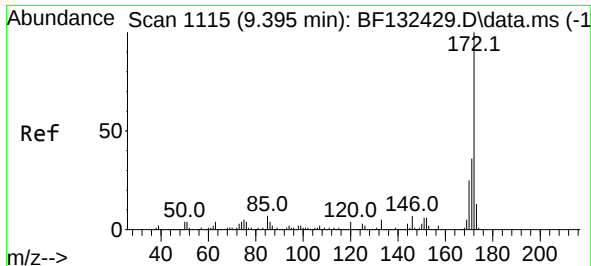
196 100

198 95.6 76.2 114.4

97 53.1 42.4 63.6

132 26.9 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 71.262 ng

RT: 9.389 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

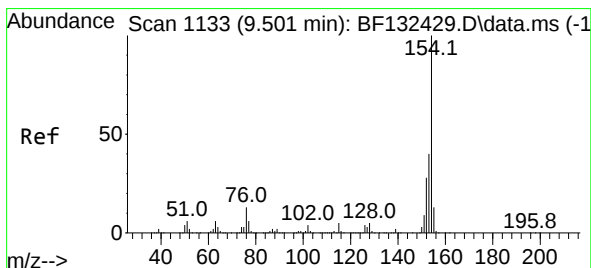
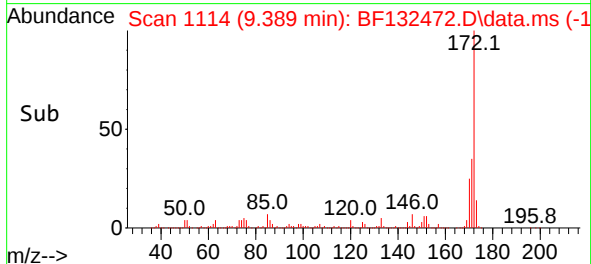
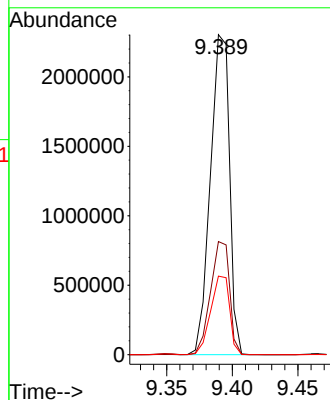
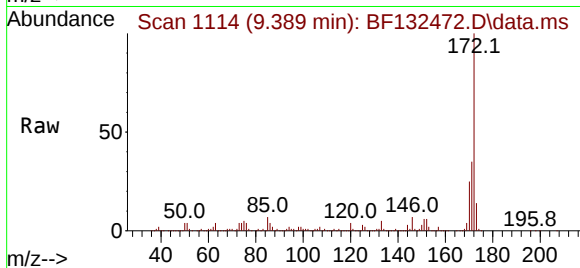
Tgt Ion:172 Resp: 2336937

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 24.6 19.9 29.9



#46

1,1'-Biphenyl

Concen: 37.596 ng

RT: 9.495 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

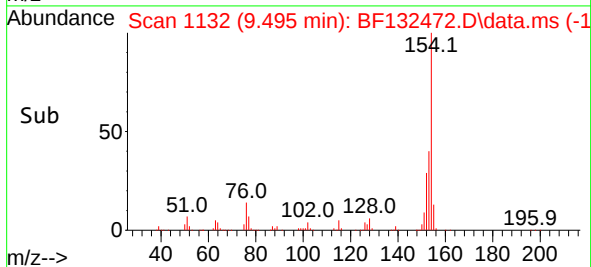
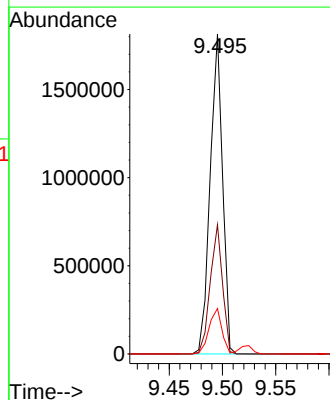
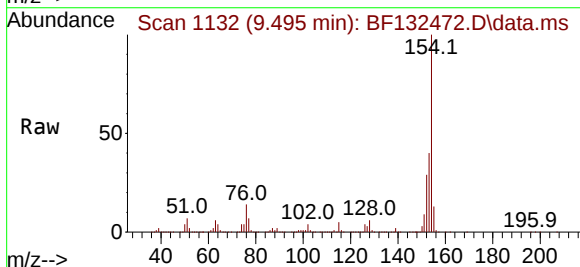
Tgt Ion:154 Resp: 1473659

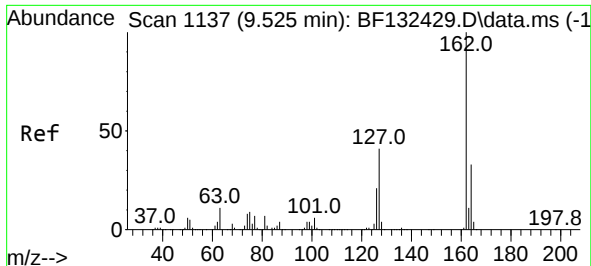
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 14.2 0.0 33.3

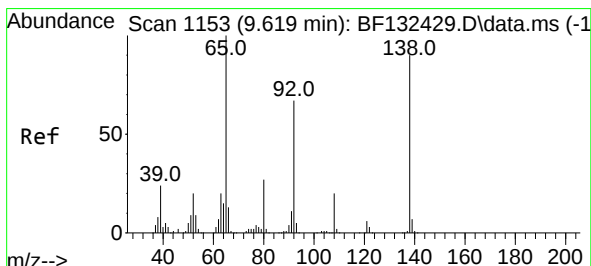
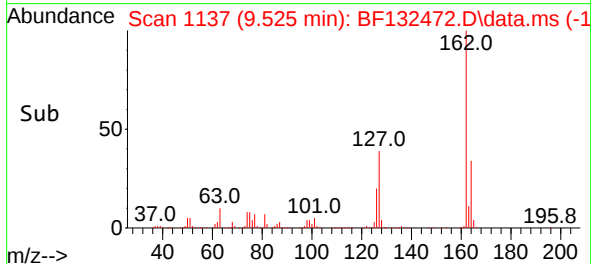
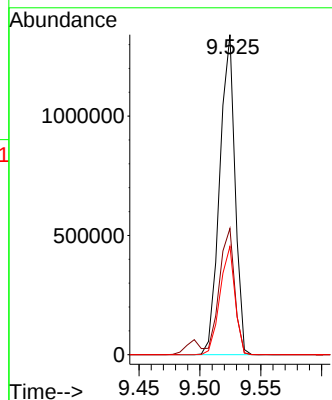
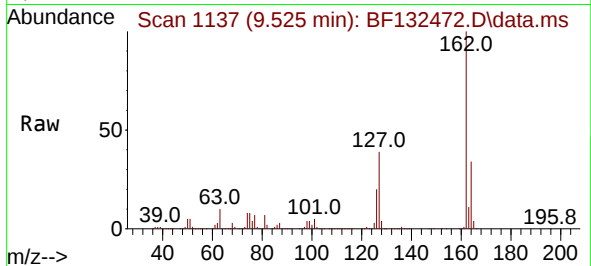




#47
2-Chloronaphthalene
Concen: 38.269 ng
RT: 9.525 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

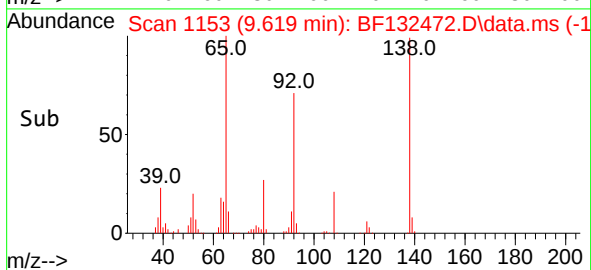
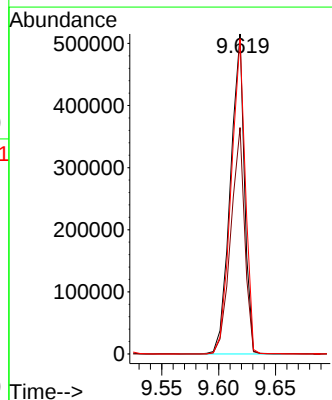
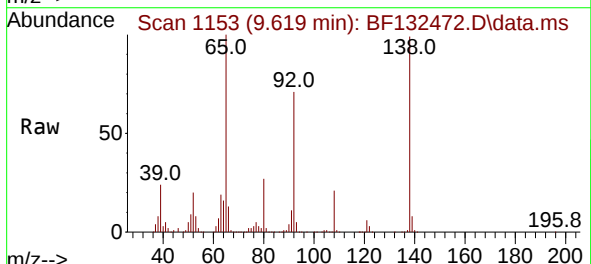
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

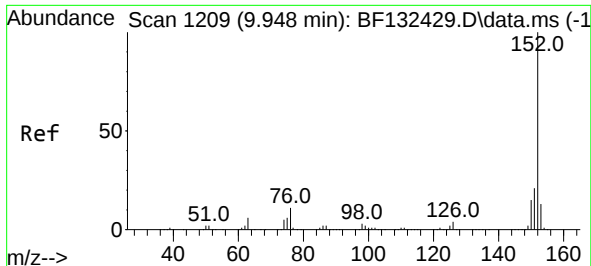
Tgt Ion:162 Resp: 1177374
Ion Ratio Lower Upper
162 100
127 39.5 33.0 49.4
164 33.8 26.6 39.8



#48
2-Nitroaniline
Concen: 41.058 ng
RT: 9.619 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion: 65 Resp: 443201
Ion Ratio Lower Upper
65 100
92 70.8 53.5 80.3
138 98.5 72.2 108.4





#49

Acenaphthylene

Concen: 38.157 ng

RT: 9.942 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

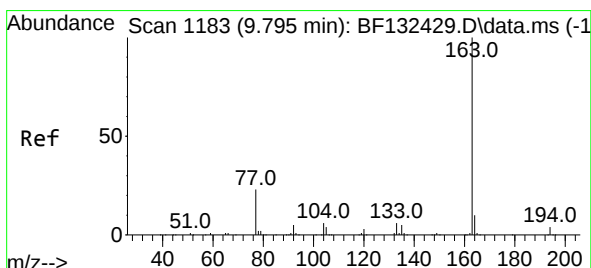
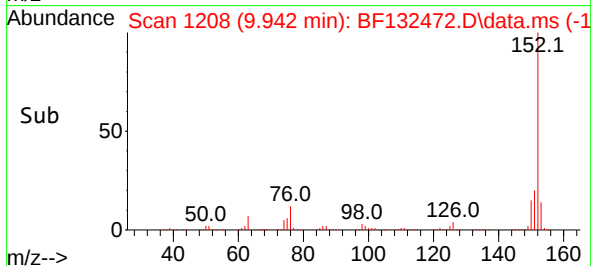
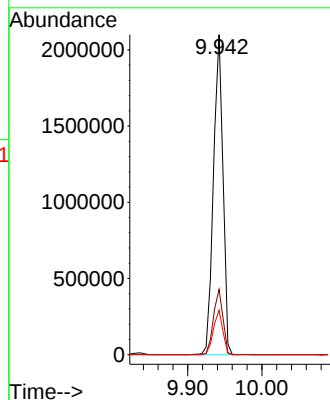
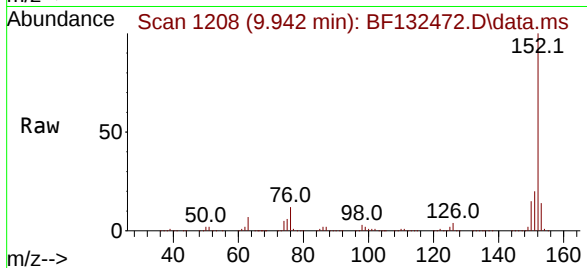
Tgt Ion:152 Resp: 1865155

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.8 10.7 16.1



#50

Dimethylphthalate

Concen: 39.433 ng

RT: 9.795 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

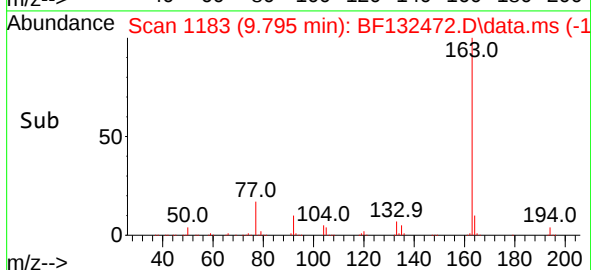
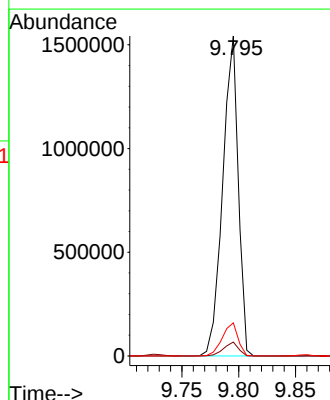
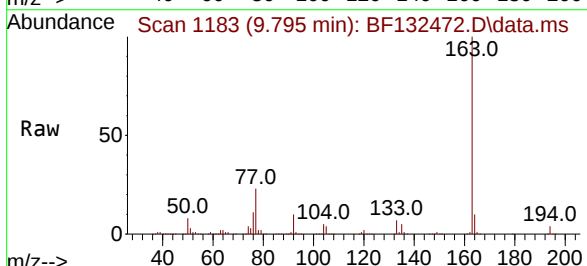
Tgt Ion:163 Resp: 1470629

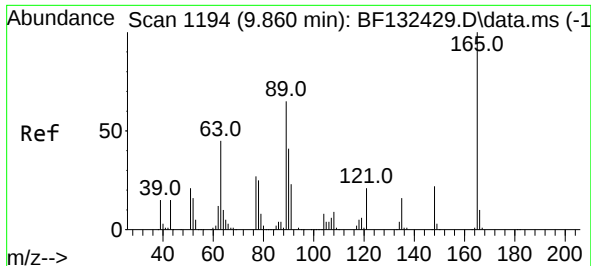
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.4 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 41.338 ng

RT: 9.860 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

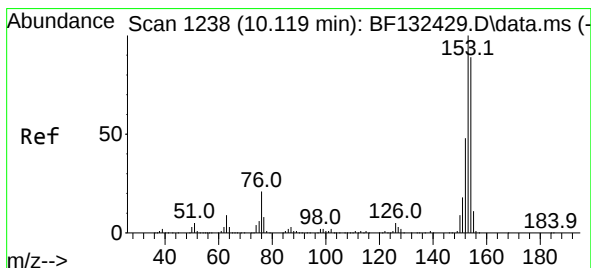
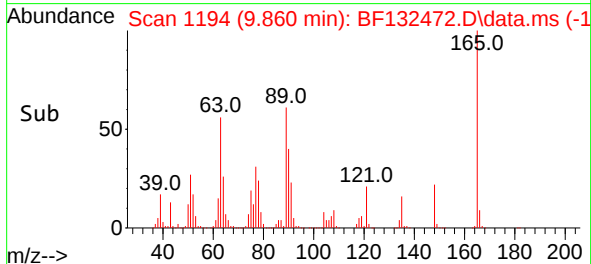
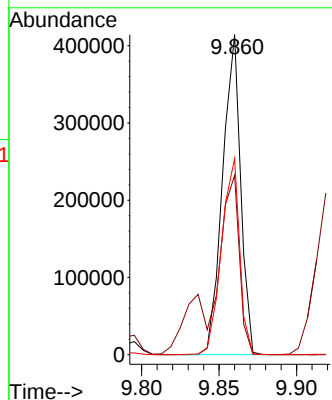
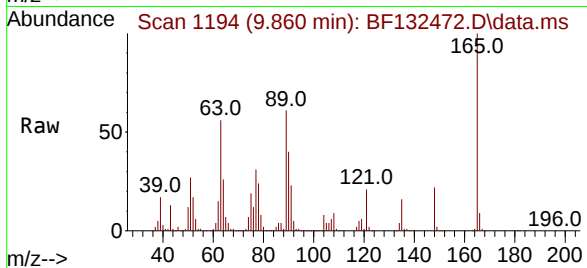
Tgt Ion:165 Resp: 335275

Ion Ratio Lower Upper

165 100

63 56.1 50.4 75.6

89 61.3 52.2 78.2



#52

Acenaphthene

Concen: 39.172 ng

RT: 10.113 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

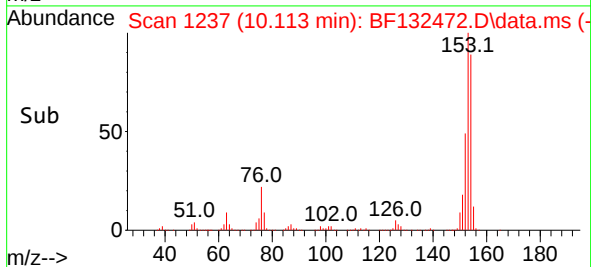
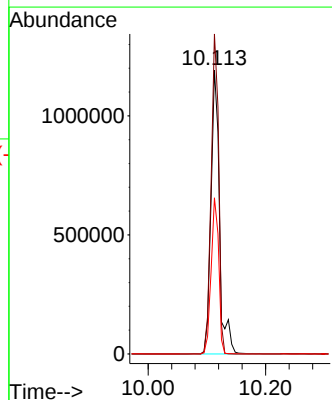
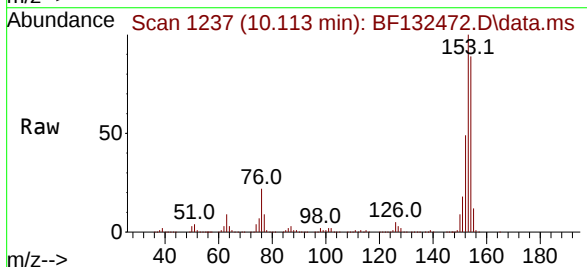
Tgt Ion:154 Resp: 1191619

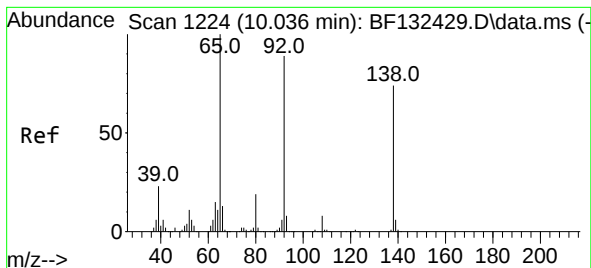
Ion Ratio Lower Upper

154 100

153 112.7 89.7 134.5

152 55.0 43.4 65.0





#53

3-Nitroaniline

Concen: 40.979 ng

RT: 10.031 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

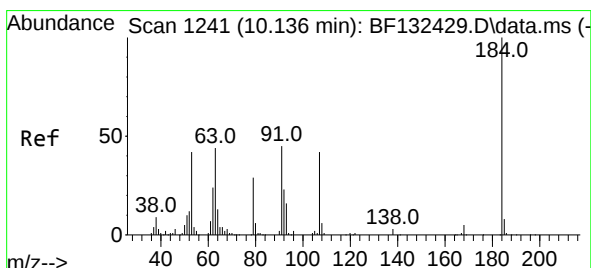
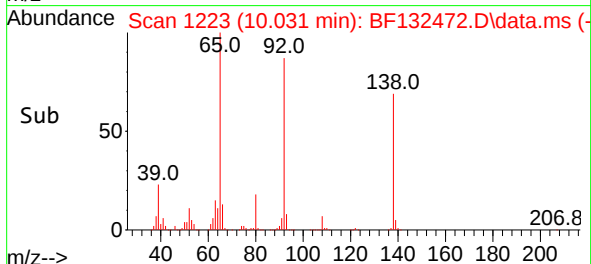
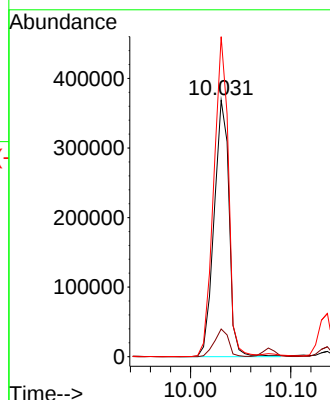
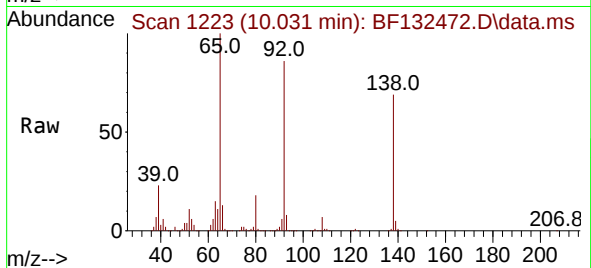
Tgt Ion:138 Resp: 381593

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

92 124.7 96.0 144.0



#54

2,4-Dinitrophenol

Concen: 44.002 ng

RT: 10.136 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

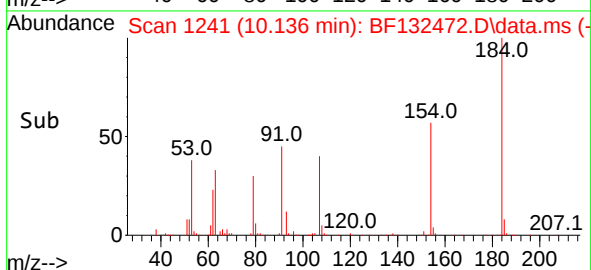
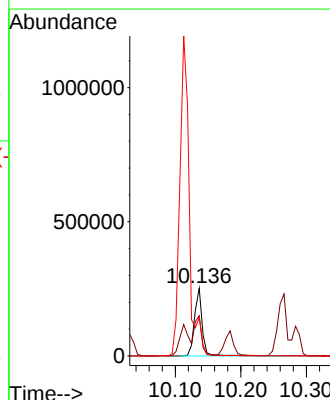
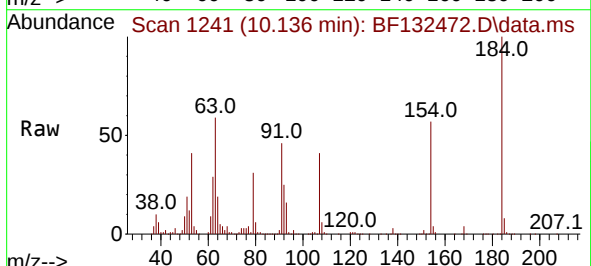
Tgt Ion:184 Resp: 209187

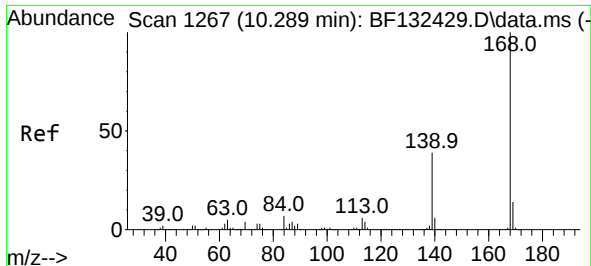
Ion Ratio Lower Upper

184 100

63 59.3 47.0 70.6

154 57.0 49.0 73.6

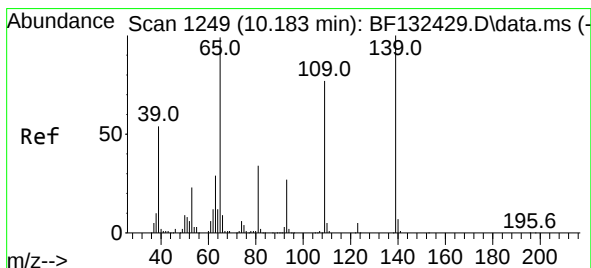
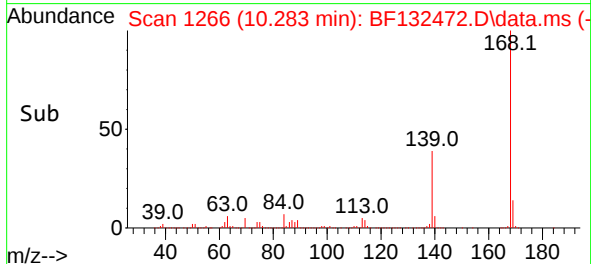
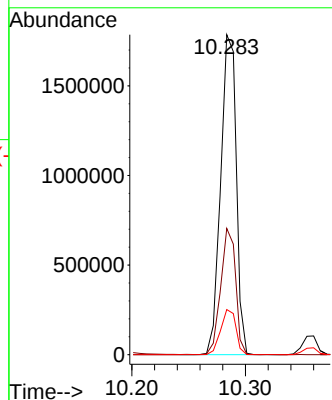
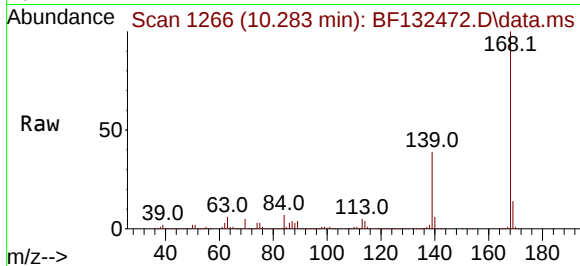




#55
Dibenzofuran
Concen: 37.868 ng
RT: 10.283 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

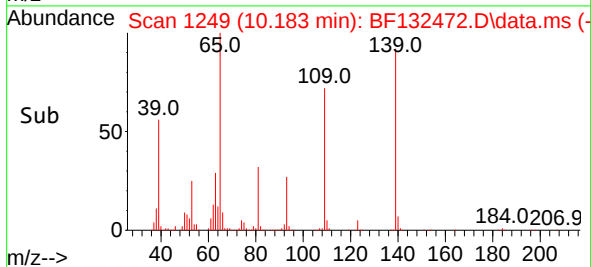
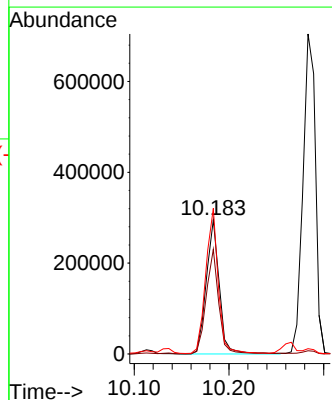
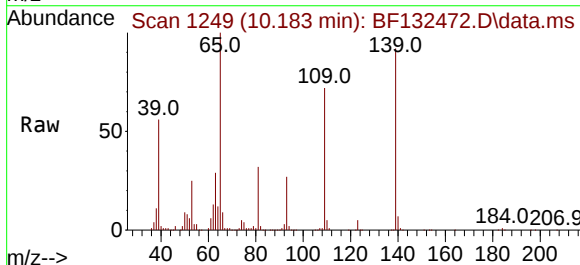
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

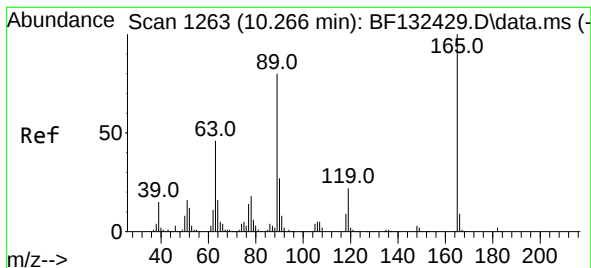
Tgt Ion:168 Resp: 1709124
Ion Ratio Lower Upper
168 100
139 39.5 31.0 46.4
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 41.752 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:139 Resp: 282071
Ion Ratio Lower Upper
139 100
109 78.0 57.2 97.2
65 108.4 79.2 119.2

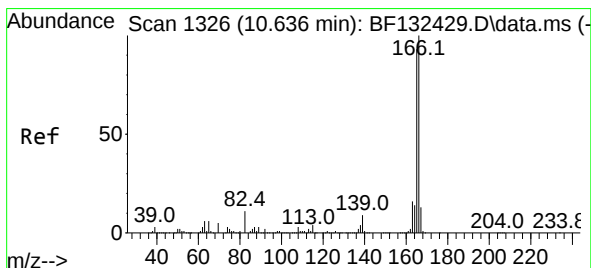
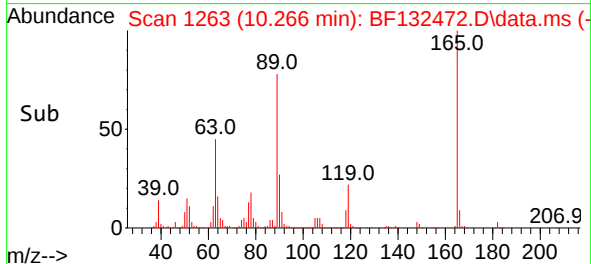
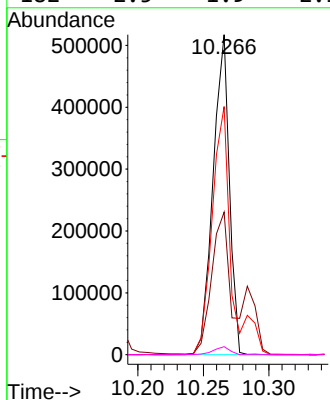
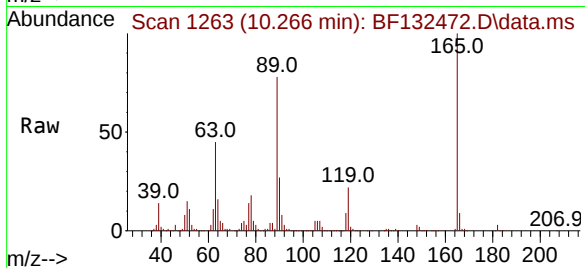




#57
2,4-Dinitrotoluene
Concen: 41.869 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

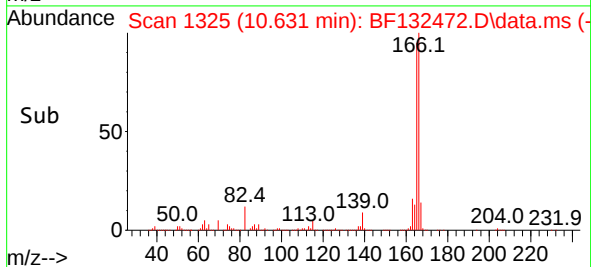
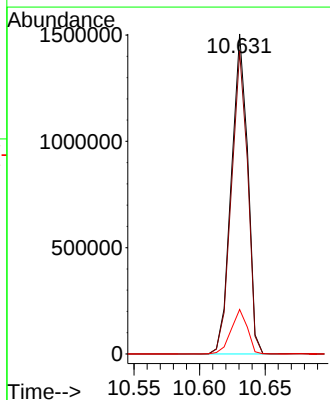
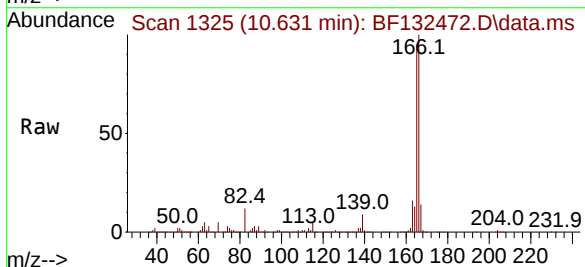
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

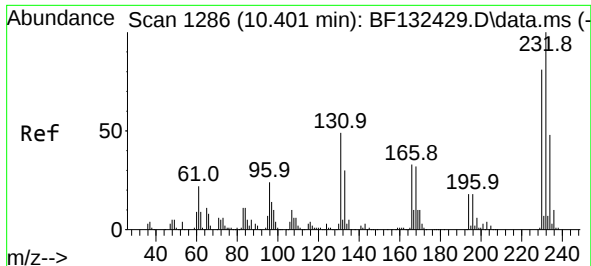
Tgt Ion:165 Resp: 447016
Ion Ratio Lower Upper
165 100
63 44.6 37.1 55.7
89 77.5 63.6 95.4
182 2.5 1.9 2.9



#58
Fluorene
Concen: 38.288 ng
RT: 10.631 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:166 Resp: 1306507
Ion Ratio Lower Upper
166 100
165 94.6 74.6 111.8
167 13.9 10.8 16.2

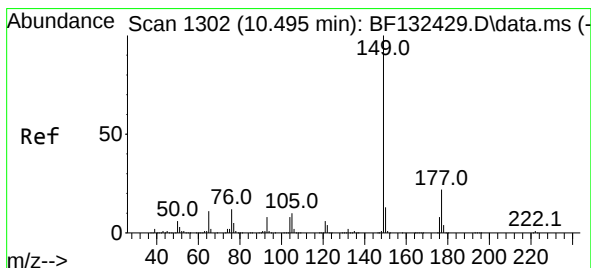
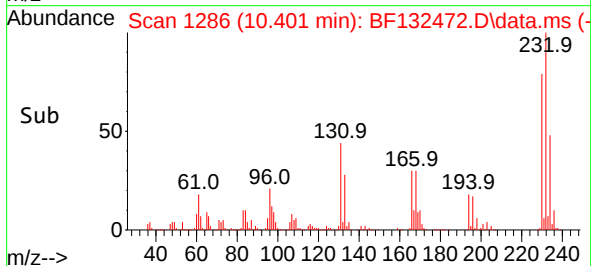
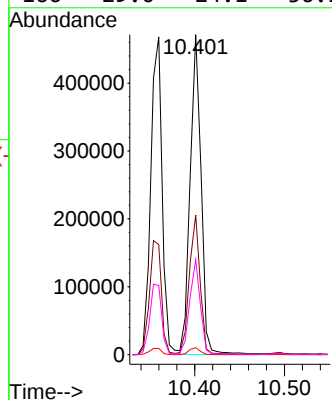
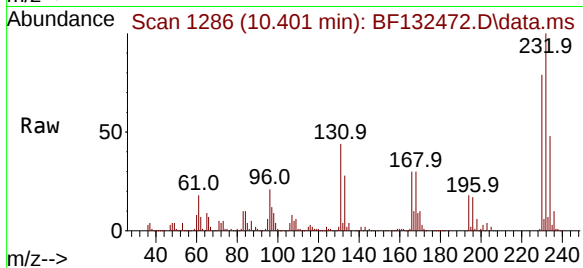




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.855 ng
RT: 10.401 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

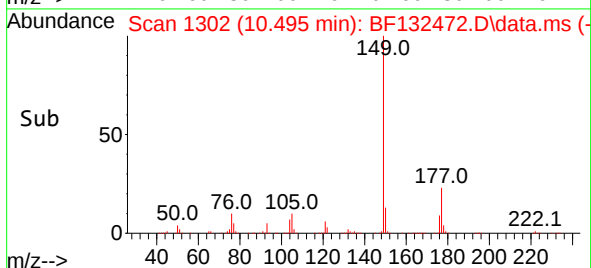
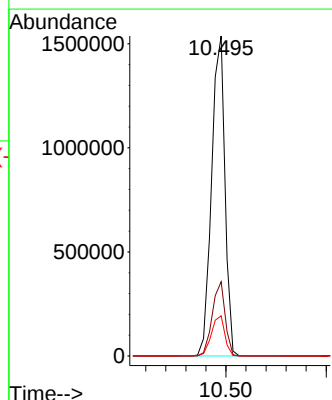
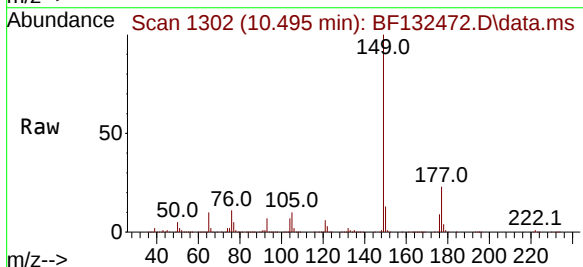
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

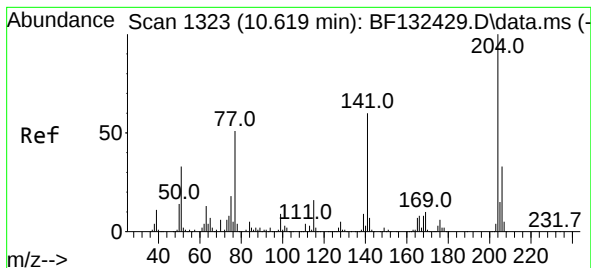
Tgt Ion:232 Resp: 398286
Ion Ratio Lower Upper
232 100
131 42.8 35.8 53.8
130 2.2 1.8 2.8
166 29.0 24.1 36.1



#60
Diethylphthalate
Concen: 38.759 ng
RT: 10.495 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:149 Resp: 1420949
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 12.6 10.0 15.0

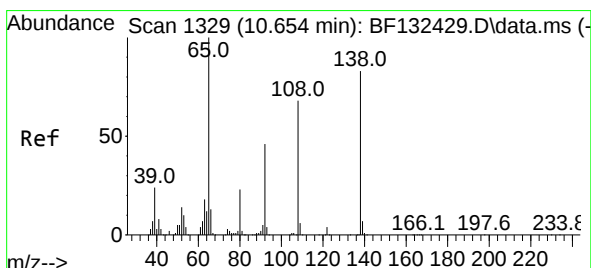
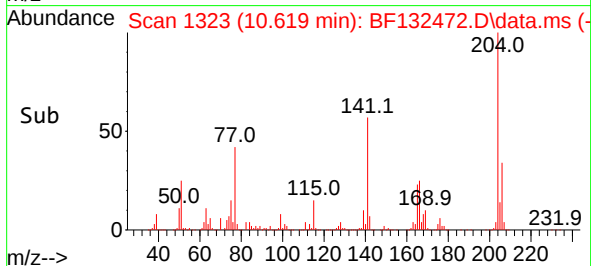
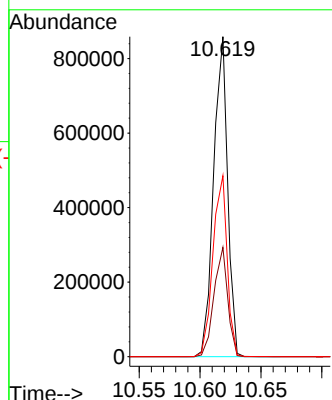
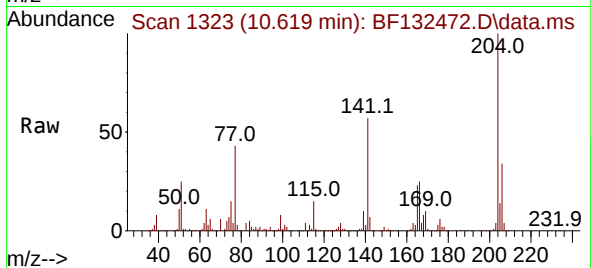




#61
4-Chlorophenyl-phenylether
Concen: 38.351 ng
RT: 10.619 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

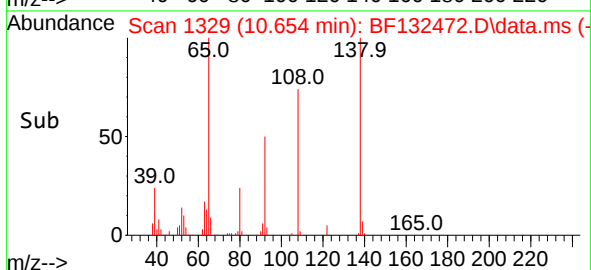
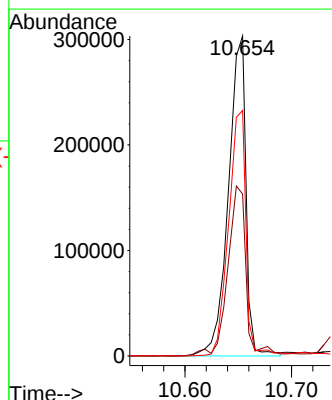
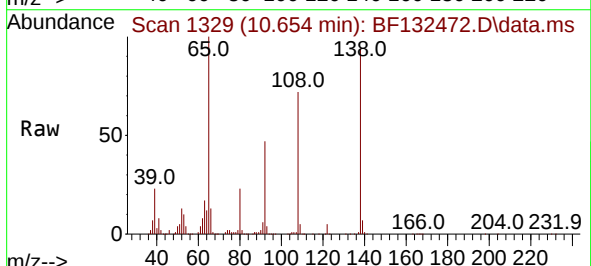
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

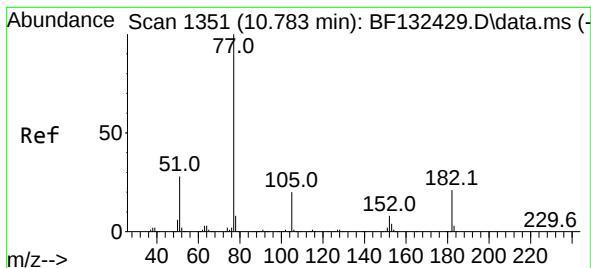
Tgt Ion:204 Resp: 685314
Ion Ratio Lower Upper
204 100
206 34.1 26.3 39.5
141 56.5 48.2 72.2



#62
4-Nitroaniline
Concen: 40.081 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:138 Resp: 348270
Ion Ratio Lower Upper
138 100
92 50.6 35.9 75.9
108 76.8 62.1 102.1





#63

Azobenzene

Concen: 38.287 ng

RT: 10.778 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1553087

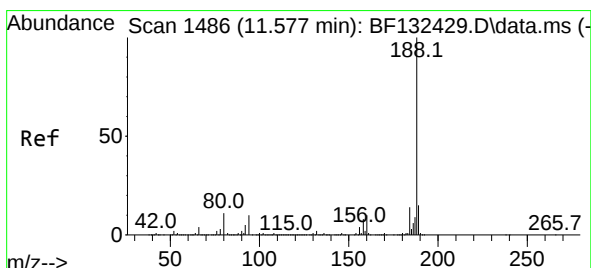
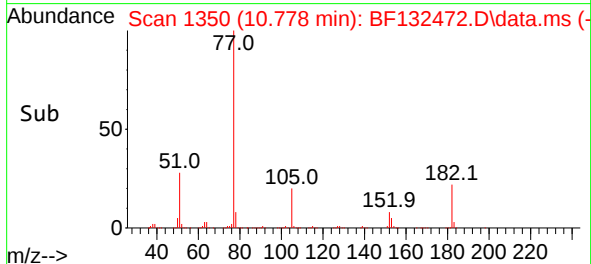
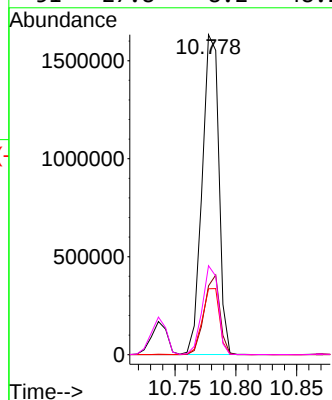
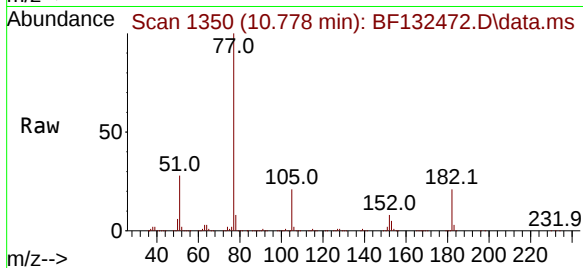
Ion Ratio Lower Upper

77 100

182 21.5 1.4 41.4

105 20.6 0.1 40.1

51 27.8 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: BF132472.D

Acq: 20 Feb 2023 10:54

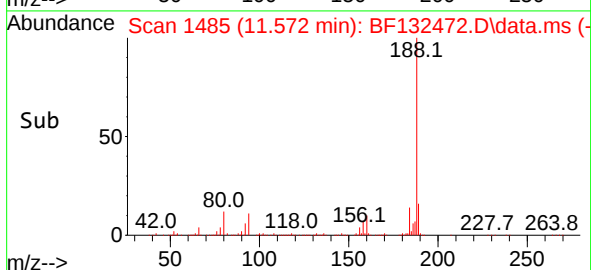
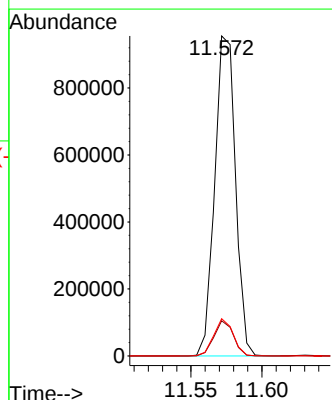
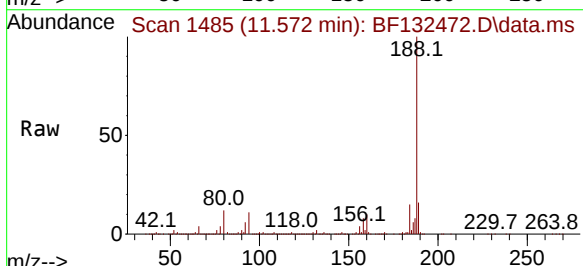
Tgt Ion:188 Resp: 970024

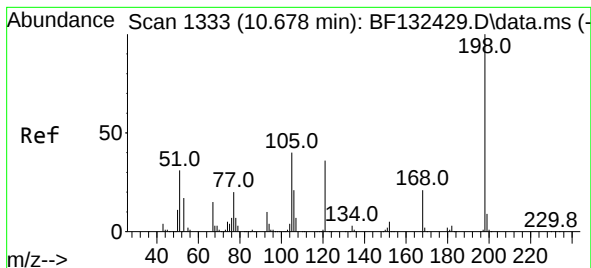
Ion Ratio Lower Upper

188 100

94 11.0 8.0 12.0

80 11.6 8.6 12.8

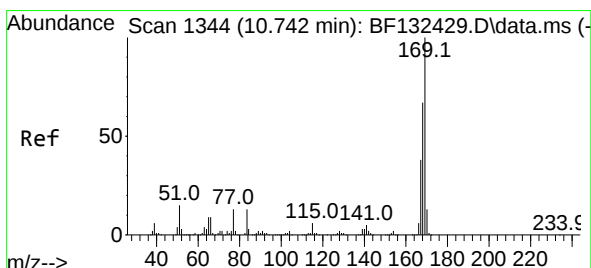
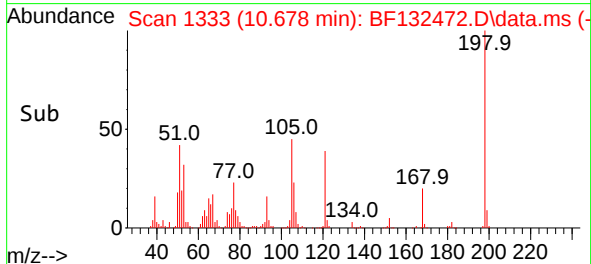
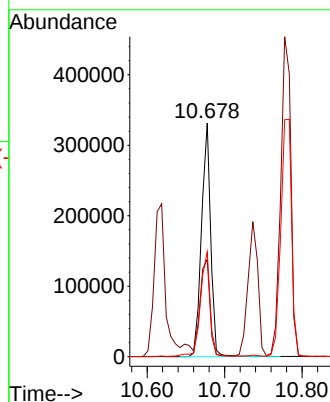
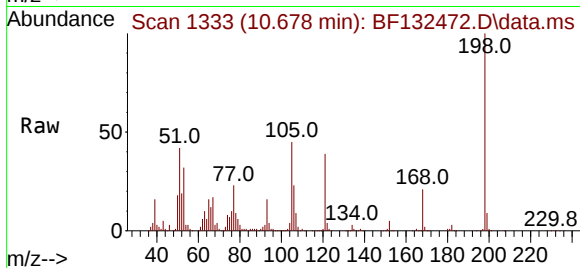




#65
4,6-Dinitro-2-methylphenol
Concen: 45.337 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

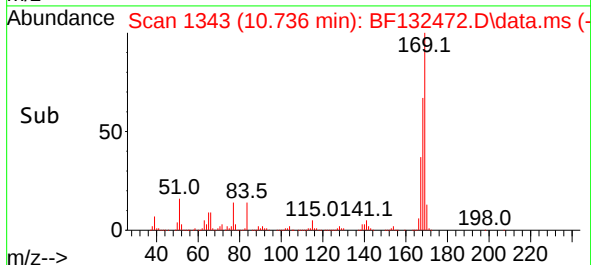
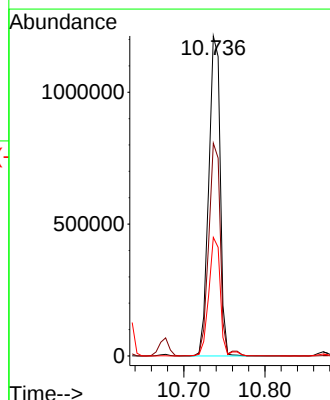
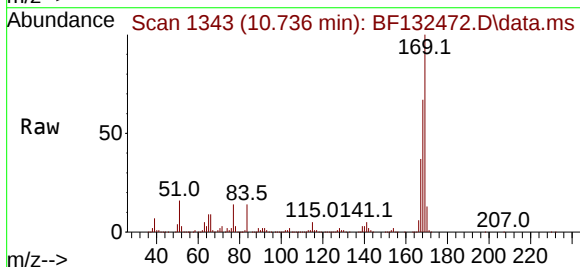
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

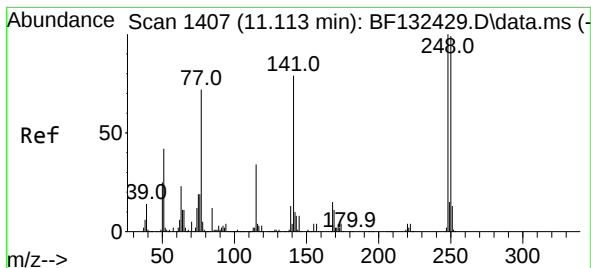
Tgt Ion:198 Resp: 273417
Ion Ratio Lower Upper
198 100
51 41.6 17.4 57.4
105 44.9 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 39.685 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:169 Resp: 1181519
Ion Ratio Lower Upper
169 100
168 66.5 53.5 80.3
167 37.1 30.2 45.2

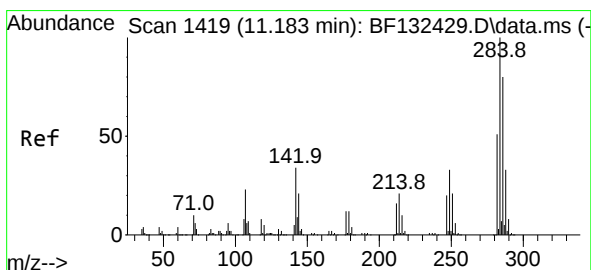
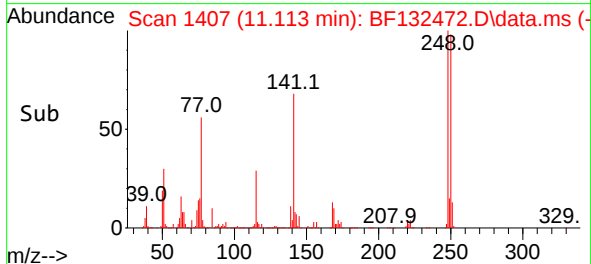
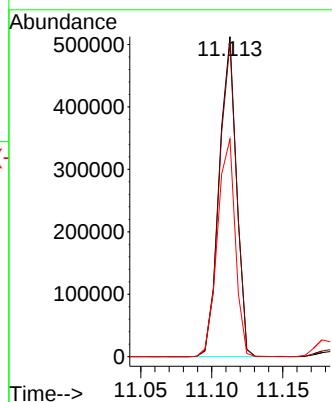
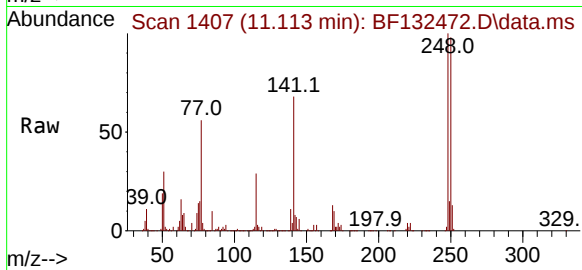




#67
4-Bromophenyl-phenylether
Concen: 40.846 ng
RT: 11.113 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

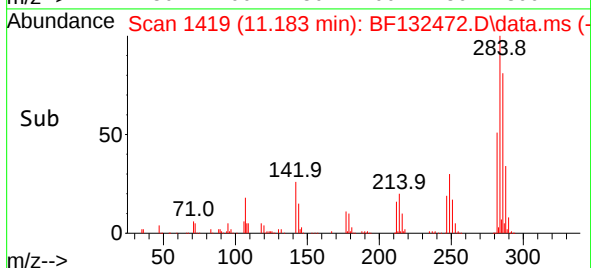
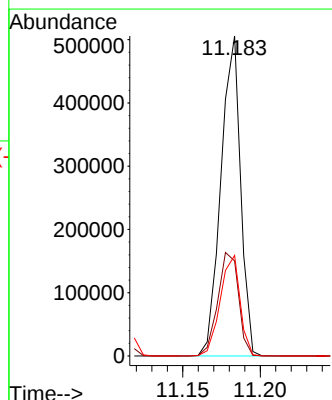
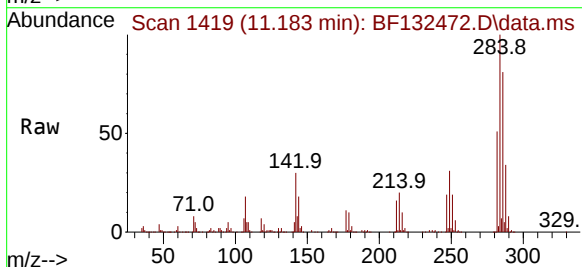
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

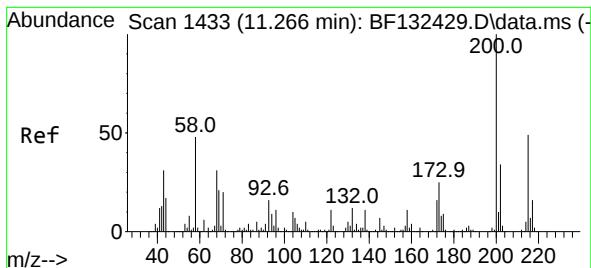
Tgt Ion:248 Resp: 434257
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.4
141 68.0 63.3 94.9



#68
Hexachlorobenzene
Concen: 40.086 ng
RT: 11.183 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:284 Resp: 445487
Ion Ratio Lower Upper
284 100
142 29.7 27.5 41.3
249 31.4 26.2 39.4





#69

Atrazine

Concen: 40.937 ng

RT: 11.266 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

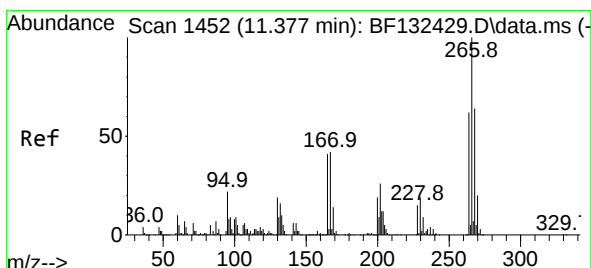
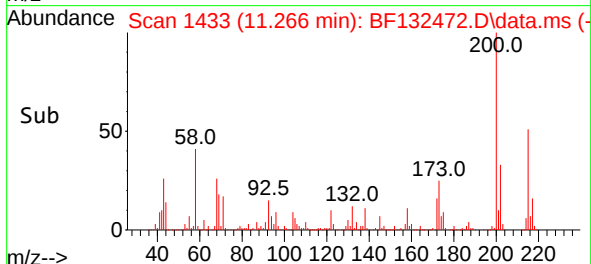
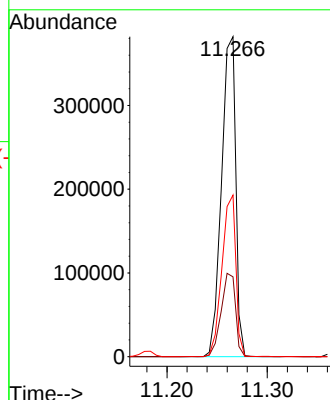
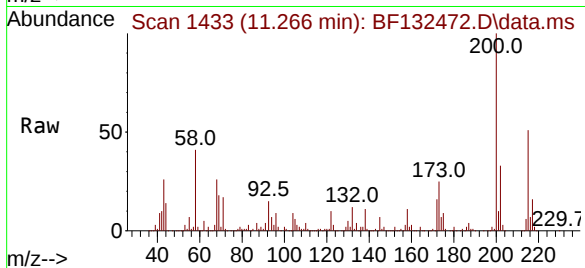
Tgt Ion:200 Resp: 375147

Ion Ratio Lower Upper

200 100

173 24.9 5.3 45.3

215 50.5 29.1 69.1



#70

Pentachlorophenol

Concen: 43.411 ng

RT: 11.378 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

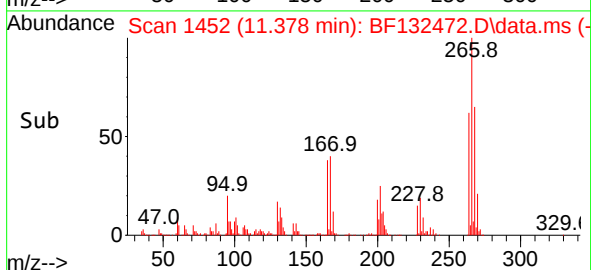
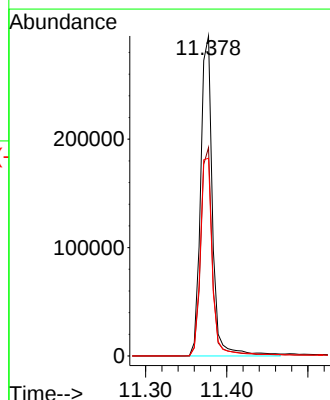
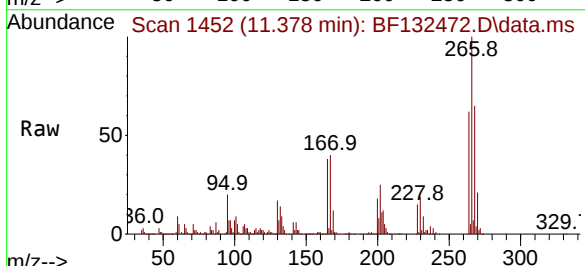
Tgt Ion:266 Resp: 299943

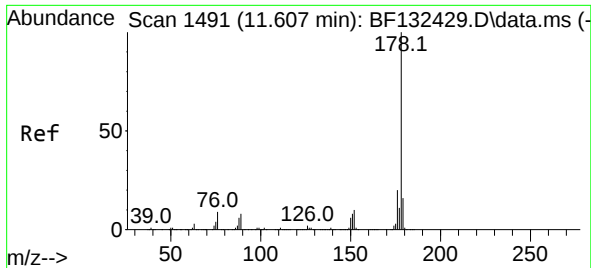
Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.4

264 61.8 49.8 74.6

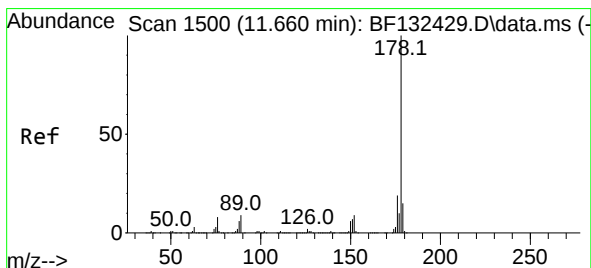
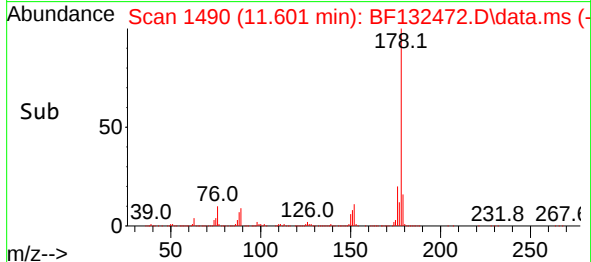
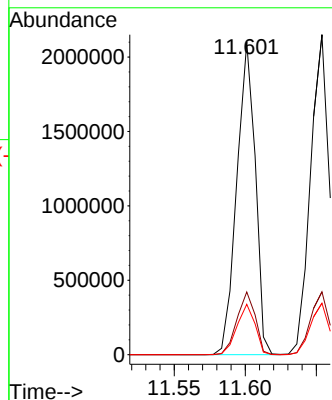
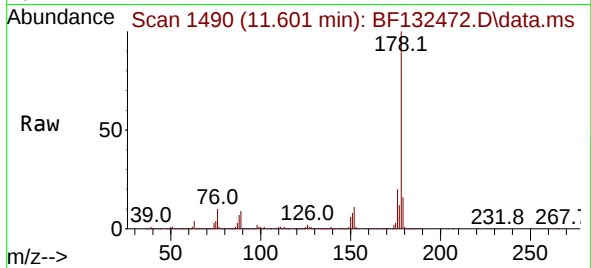




#71
Phenanthrene
Concen: 38.086 ng
RT: 11.601 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

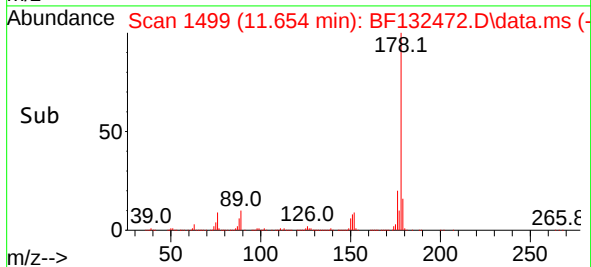
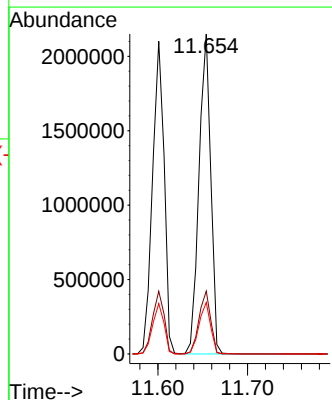
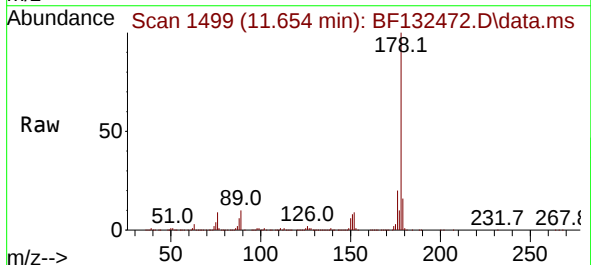
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

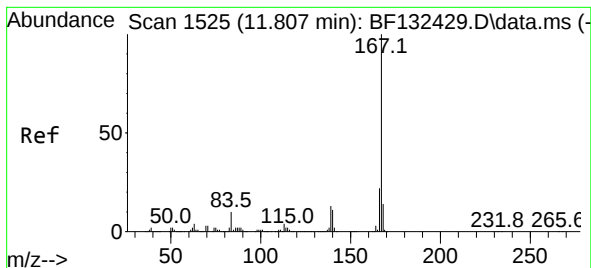
Tgt Ion:178 Resp: 1902804
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 16.1 12.6 18.8



#72
Anthracene
Concen: 38.032 ng
RT: 11.654 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:178 Resp: 1953296
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.1 12.4 18.6





#73

Carbazole

Concen: 38.475 ng

RT: 11.807 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

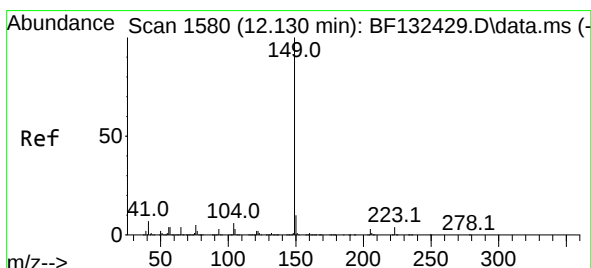
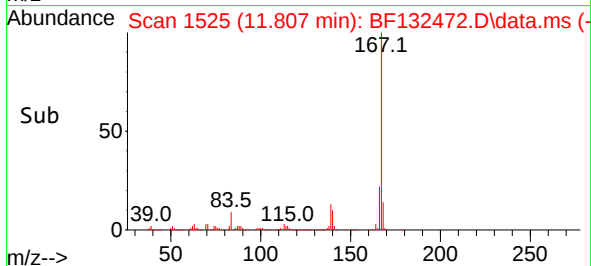
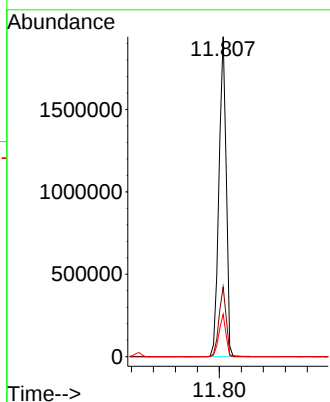
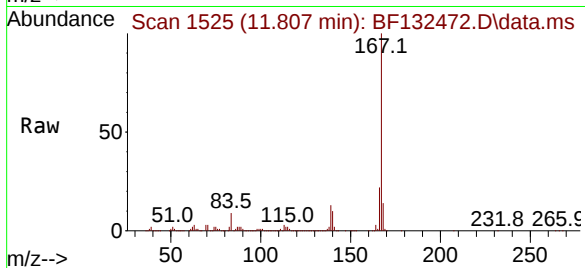
Tgt Ion:167 Resp: 1778744

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 13.3 10.7 16.1



#74

Di-n-butylphthalate

Concen: 39.261 ng

RT: 12.125 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

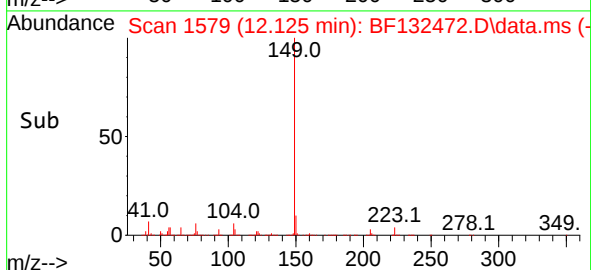
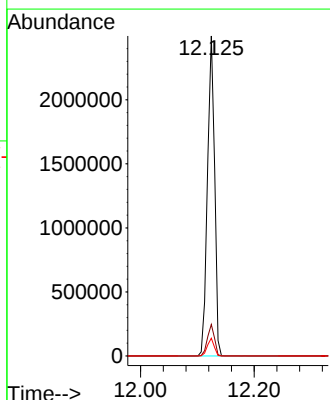
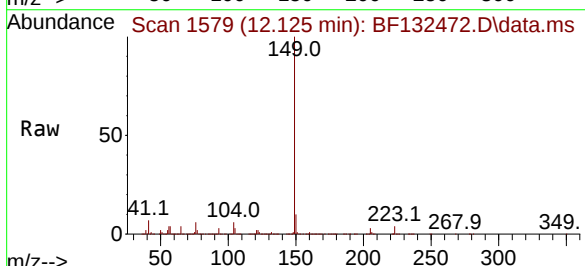
Tgt Ion:149 Resp: 2161937

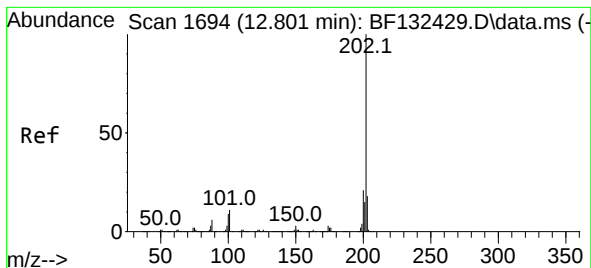
Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 37.910 ng

RT: 12.795 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

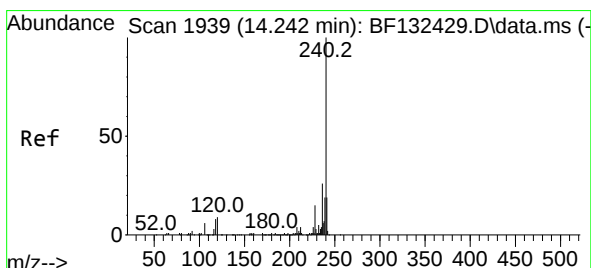
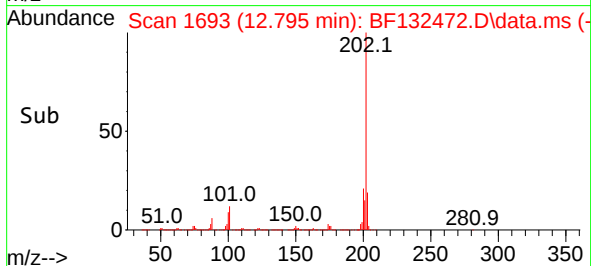
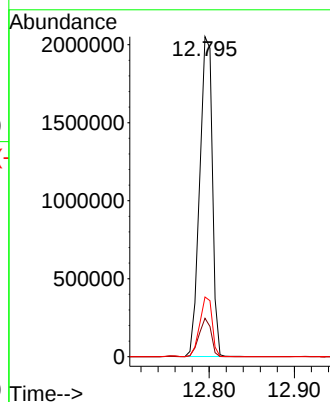
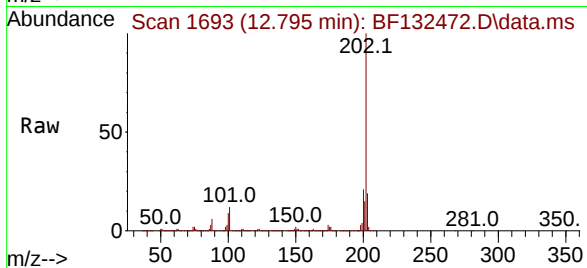
Tgt Ion:202 Resp: 2112226

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.3

203 18.6 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: BF132472.D

Acq: 20 Feb 2023 10:54

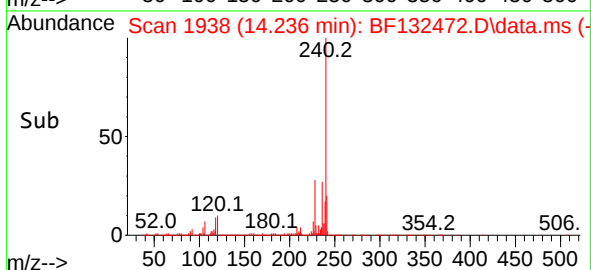
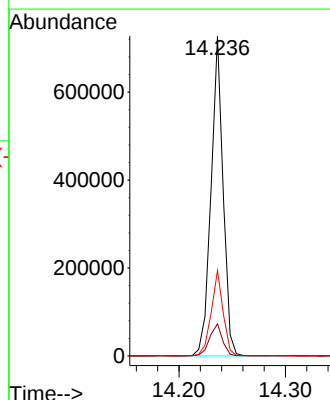
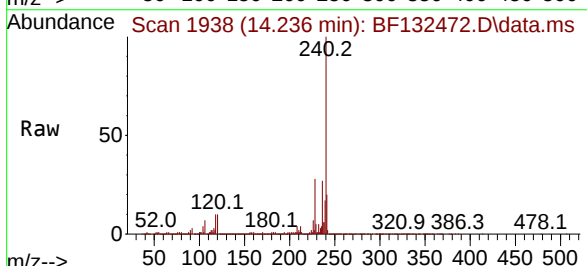
Tgt Ion:240 Resp: 574391

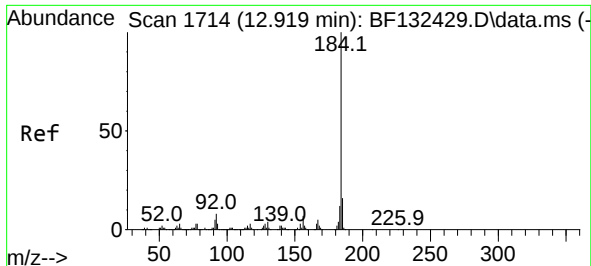
Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

236 26.7 21.0 31.6

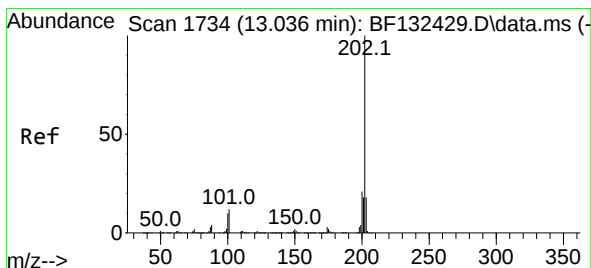
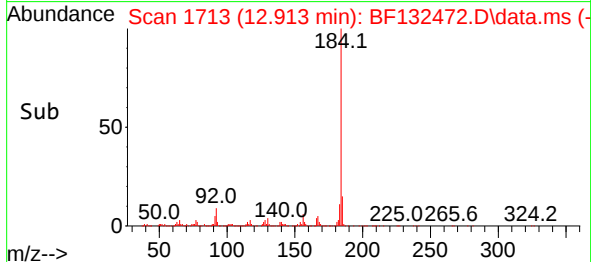
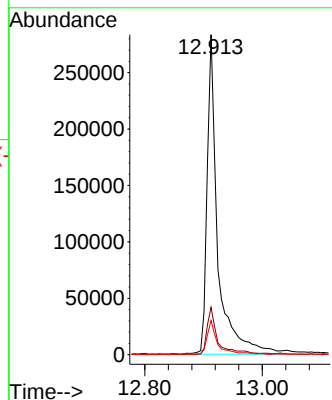
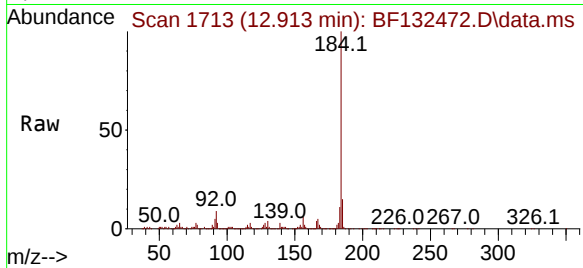




#77
Benzidine
Concen: 29.199 ng
RT: 12.913 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

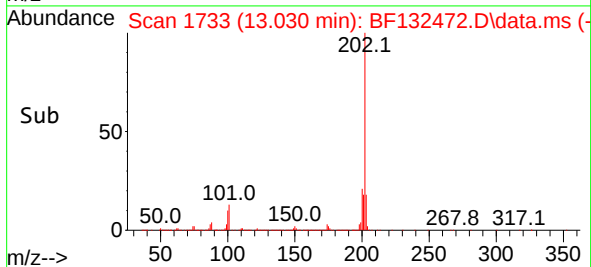
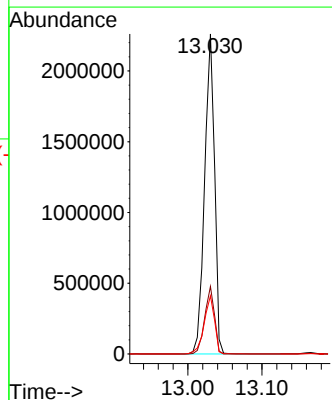
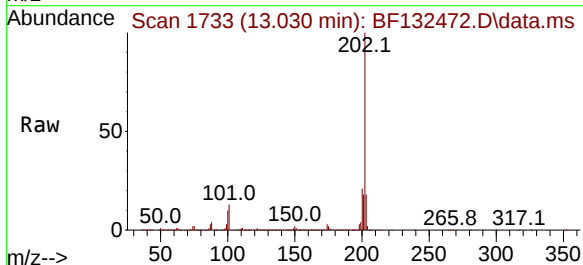
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

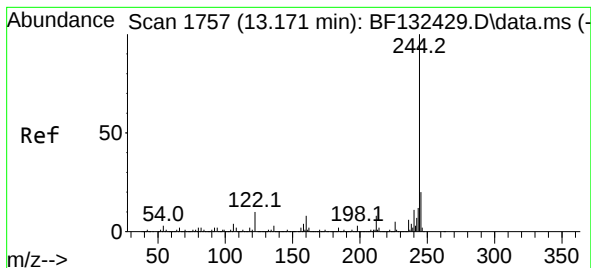
Tgt Ion:184 Resp: 357136
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 10.7 9.2 13.8



#78
Pyrene
Concen: 43.377 ng
RT: 13.030 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:202 Resp: 2116538
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 84.524 ng

RT: 13.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

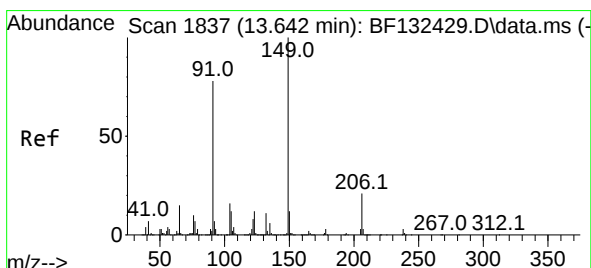
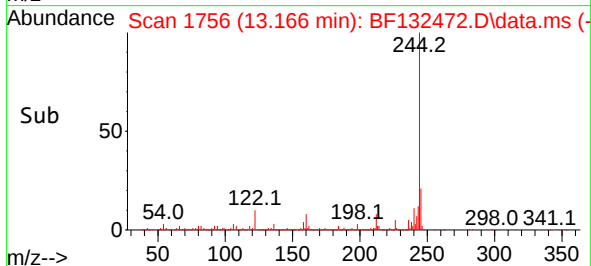
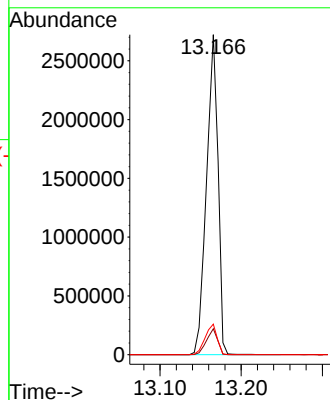
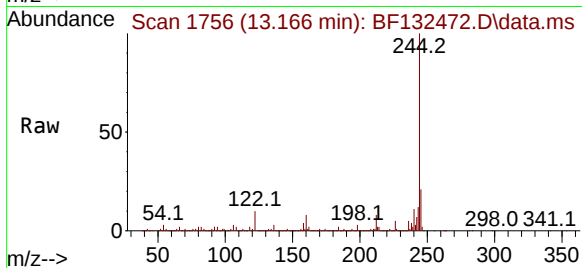
Tgt Ion:244 Resp: 2665808

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

122 9.5 7.7 11.5



#80

Butylbenzylphthalate

Concen: 46.872 ng

RT: 13.636 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

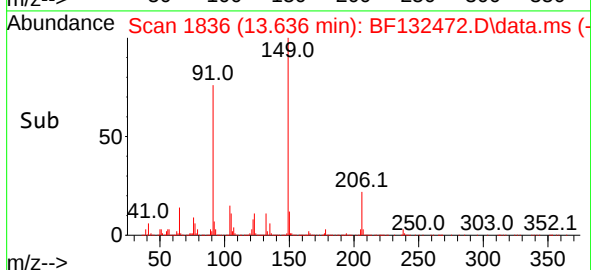
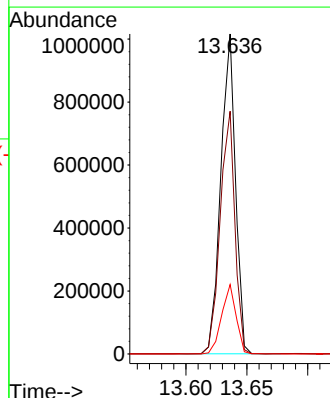
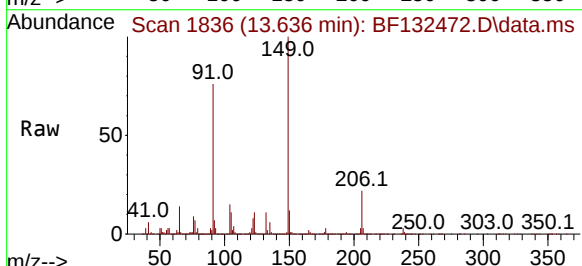
Tgt Ion:149 Resp: 853423

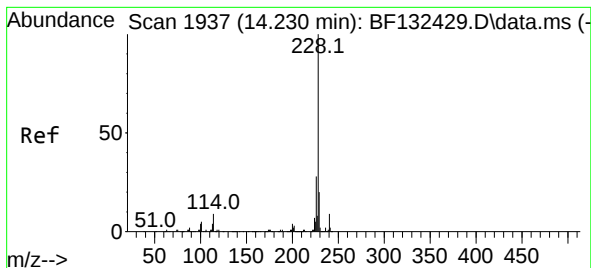
Ion Ratio Lower Upper

149 100

91 75.9 62.8 94.2

206 21.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.213 ng

RT: 14.224 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

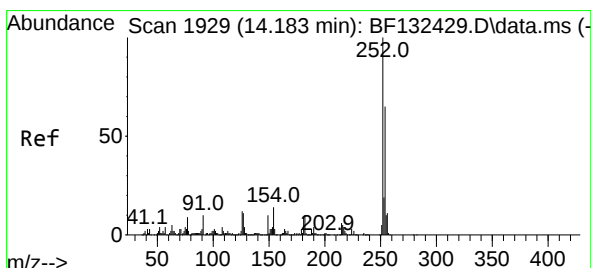
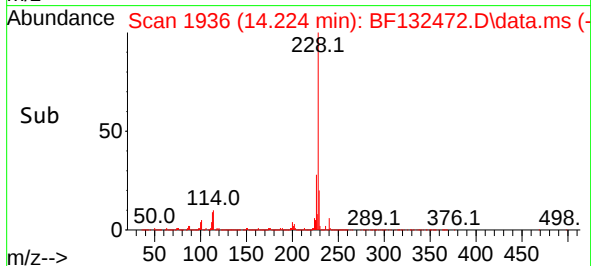
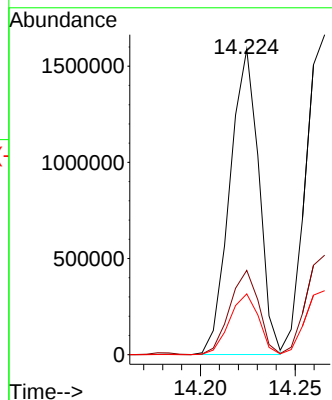
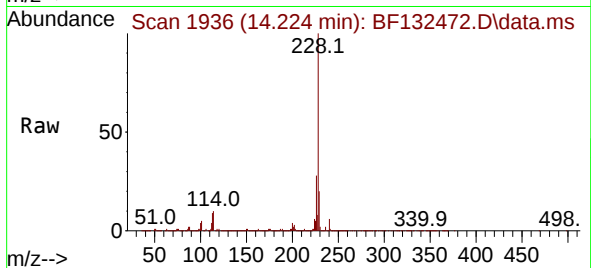
Tgt Ion:228 Resp: 1691716

Ion Ratio Lower Upper

228 100

226 27.6 22.6 34.0

229 19.9 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 42.380 ng

RT: 14.183 min Scan# 1929

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

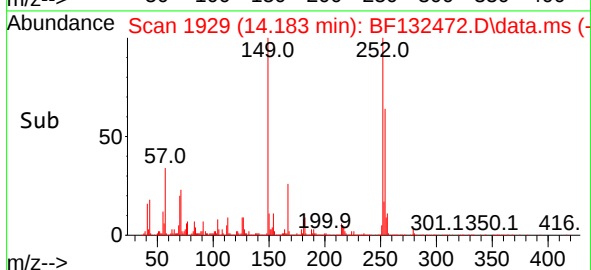
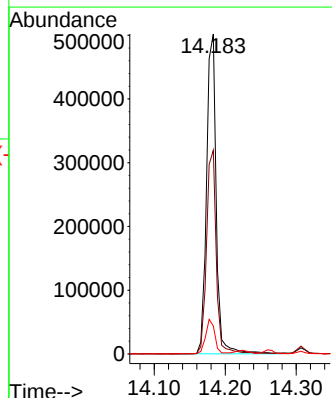
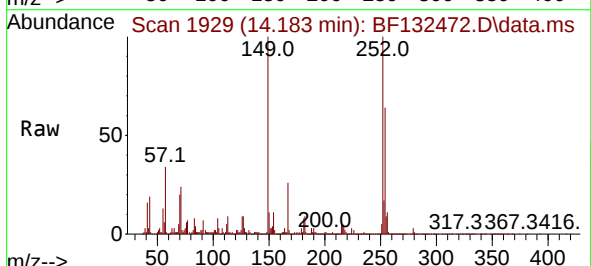
Tgt Ion:252 Resp: 476217

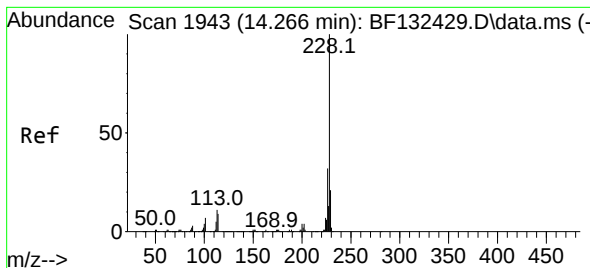
Ion Ratio Lower Upper

252 100

254 63.7 52.2 78.2

126 8.7 9.6 14.4#





#83

Chrysene

Concen: 38.780 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.006 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

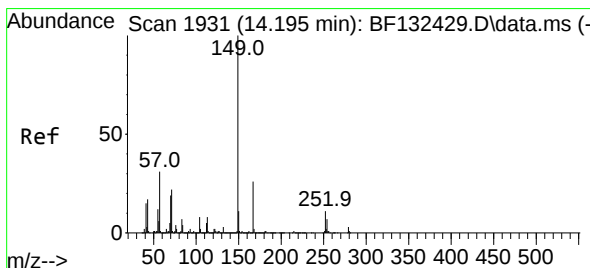
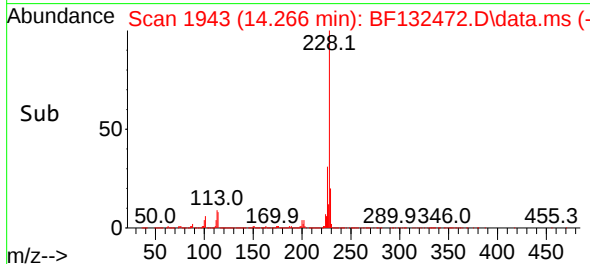
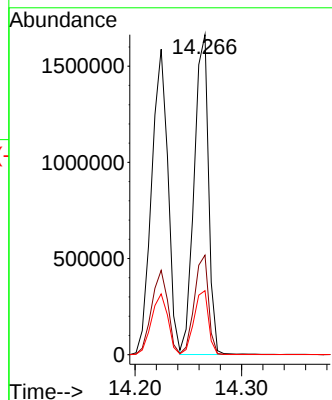
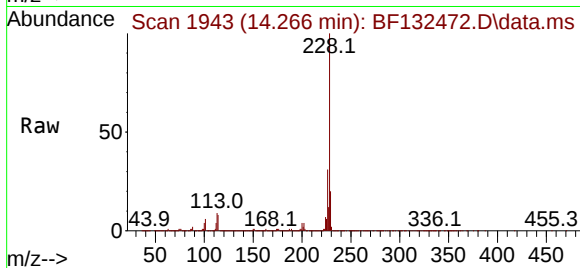
Tgt Ion:228 Resp: 1558742

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.2

229 20.0 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.341 ng

RT: 14.189 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

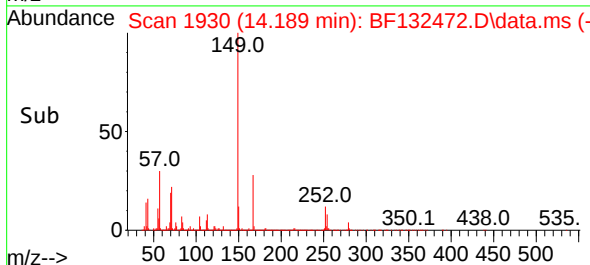
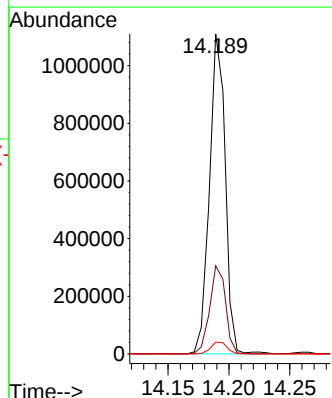
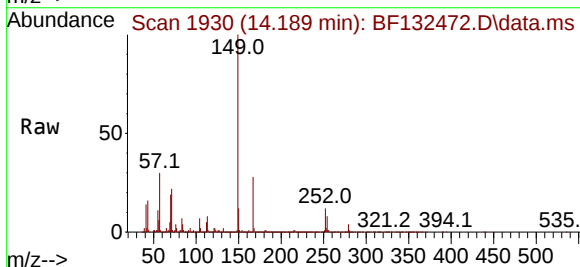
Tgt Ion:149 Resp: 997984

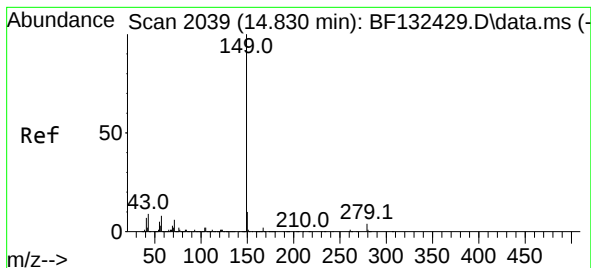
Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.6

279 3.7 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 43.299 ng

RT: 14.818 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF132472.D

Acq: 20 Feb 2023 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

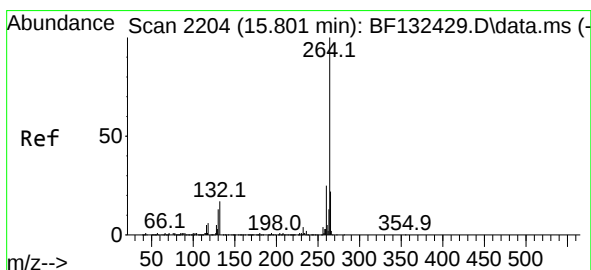
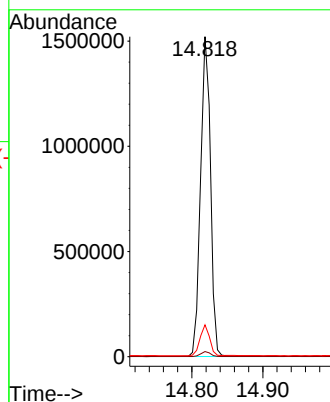
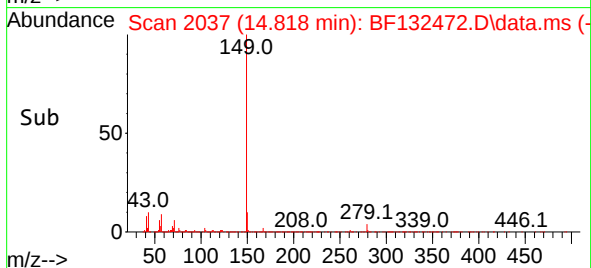
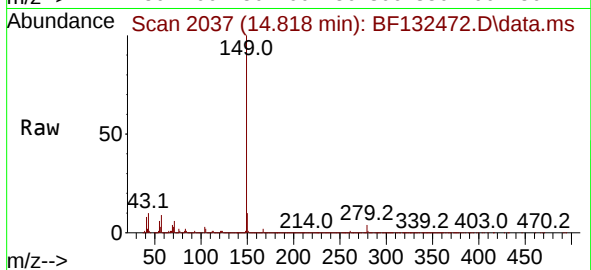
Tgt Ion:149 Resp: 1481894

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.3 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: BF132472.D

Acq: 20 Feb 2023 10:54

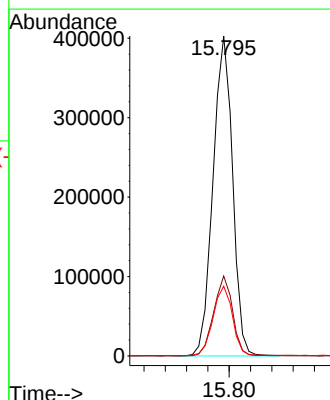
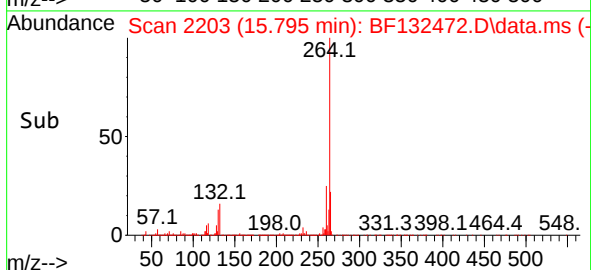
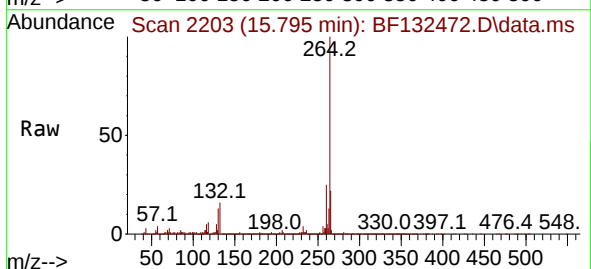
Tgt Ion:264 Resp: 511609

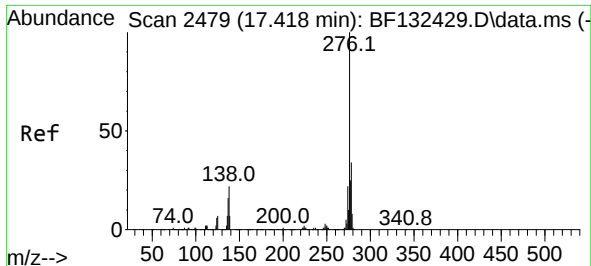
Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 21.8 17.2 25.8

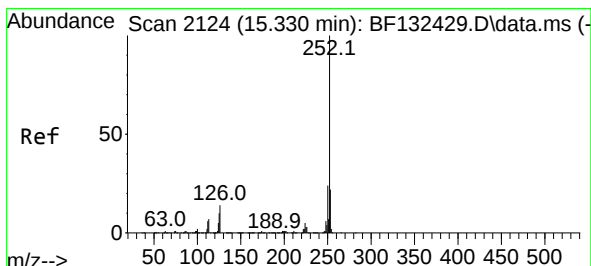
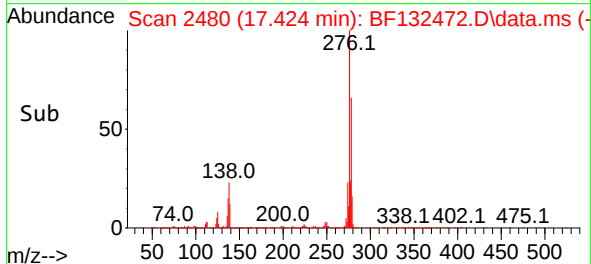
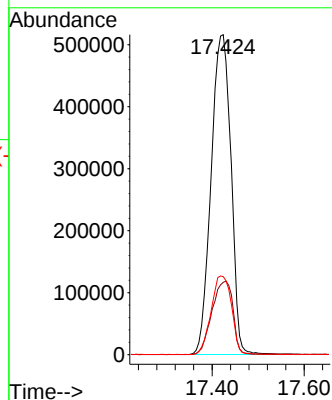
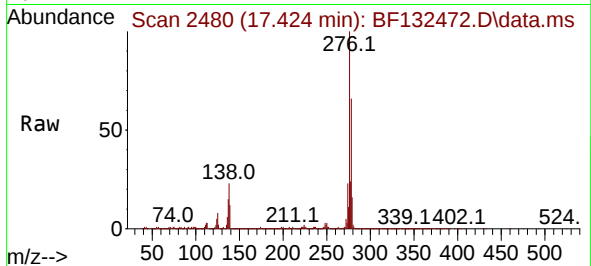




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.203 ng
RT: 17.424 min Scan# 2479
Delta R.T. 0.024 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

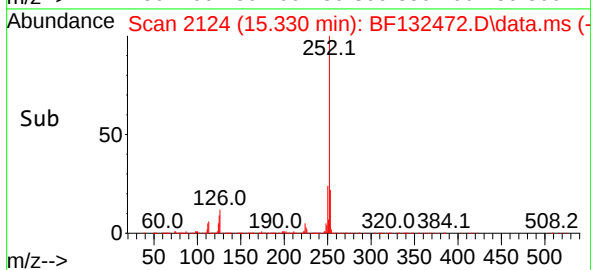
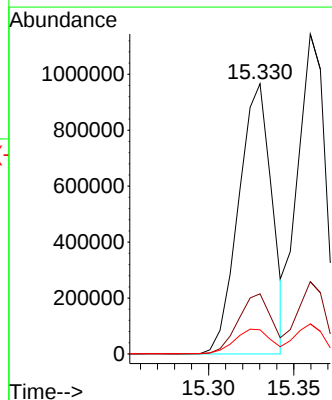
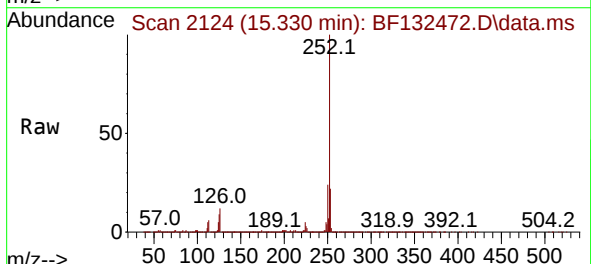
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

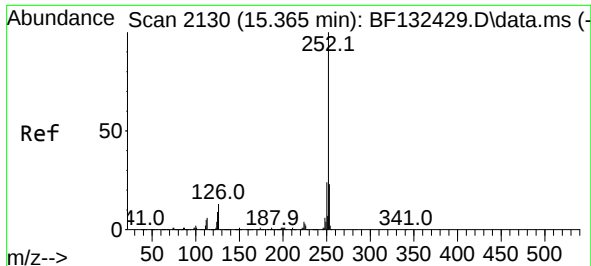
Tgt Ion:276 Resp: 1543733
Ion Ratio Lower Upper
276 100
138 24.4 20.2 30.4
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 39.010 ng
RT: 15.330 min Scan# 2124
Delta R.T. 0.012 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:252 Resp: 1312461
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.0 7.6 11.4

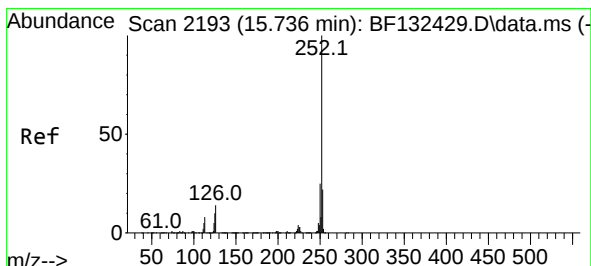
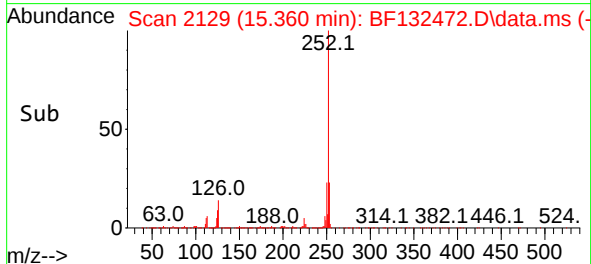
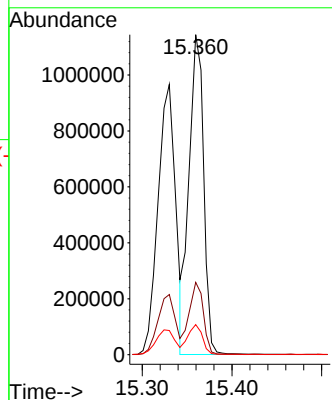
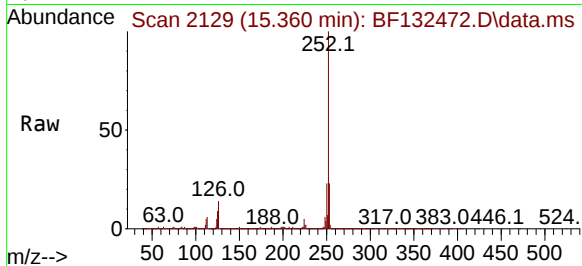




#89
Benzo(k)fluoranthene
Concen: 38.503 ng
RT: 15.360 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

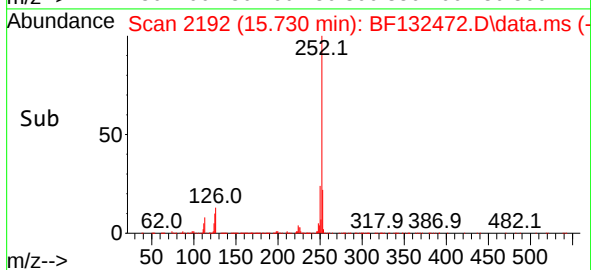
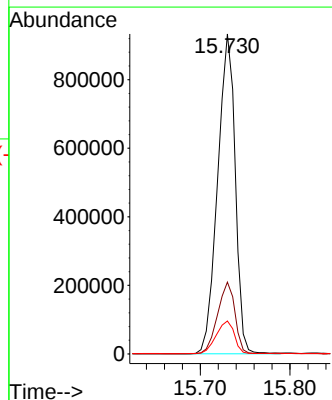
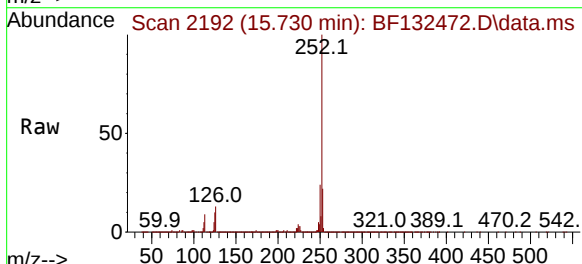
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

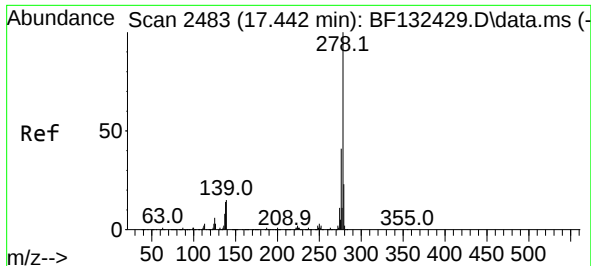
Tgt Ion:252 Resp: 1296326
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 40.622 ng
RT: 15.730 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:252 Resp: 1270090
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 10.3 8.2 12.4

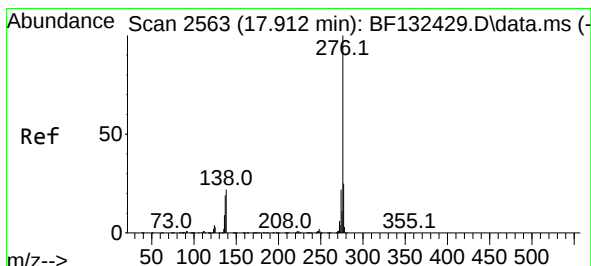
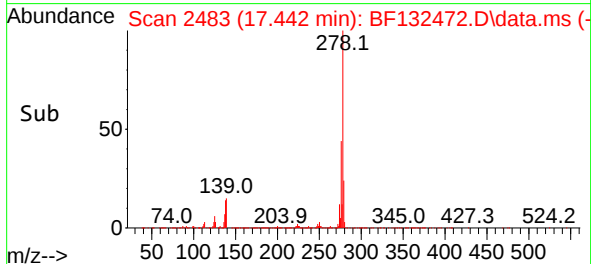
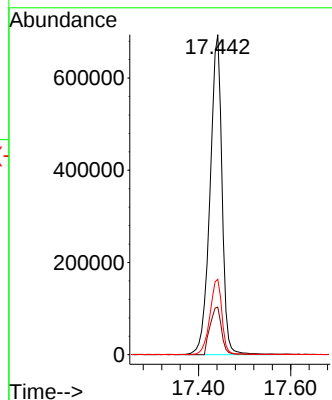
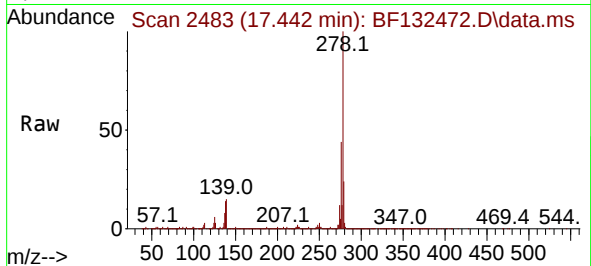




#91
Dibenzo(a,h)anthracene
Concen: 46.784 ng
RT: 17.442 min Scan# 2483
Delta R.T. 0.024 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1260177
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.2
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.148 ng
RT: 17.918 min Scan# 2564
Delta R.T. 0.024 min
Lab File: BF132472.D
Acq: 20 Feb 2023 10:54

Tgt Ion:276 Resp: 1331901
Ion Ratio Lower Upper
276 100
277 23.5 19.6 29.4
138 20.6 17.7 26.5

