

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132229.D
 Acq On : 31 Jan 2023 01:08
 Operator : CG\JU
 Sample : 01318-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MSD

Quant Time: Jan 31 02:33:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	165430	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	514996	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	221066	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	424605	20.000	ng	0.00
76) Chrysene-d12	14.301	240	331058	20.000	ng	0.00
86) Perylene-d12	15.895	264	266663	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	854899	85.982	ng	0.01
7) Phenol-d6	6.696	99	1109541	88.999	ng	0.00
23) Nitrobenzene-d5	7.643	82	678722	68.997	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	168482	82.305	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1029505	68.525	ng	0.00
79) Terphenyl-d14	13.225	244	1188090	56.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.049	88	199761	39.918	ng	96
3) Pyridine	3.802	79	520329	37.857	ng	96
4) n-Nitrosodimethylamine	3.755	42	184502	40.109	ng	89
6) Aniline	6.743	93	419737	24.044	ng	100
8) 2-Chlorophenol	6.866	128	457146	45.854	ng	97
9) Benzaldehyde	6.637	77	353867	54.982	ng	94
10) Phenol	6.707	94	548466	42.260	ng	96
11) bis(2-Chloroethyl)ether	6.813	93	492420	43.985	ng	94
12) 1,3-Dichlorobenzene	7.025	146	517738	46.714	ng	99
13) 1,4-Dichlorobenzene	7.101	146	515796	46.682	ng	99
14) 1,2-Dichlorobenzene	7.254	146	484539	47.206	ng	99
15) Benzyl Alcohol	7.213	79	367776	40.147	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.348	45	510289	40.138	ng	97
17) 2-Methylphenol	7.319	107	344097	37.960	ng	99
18) Hexachloroethane	7.601	117	176048	43.362	ng	92
19) n-Nitroso-di-n-propyla...	7.484	70	299644	39.933	ng	97
20) 3+4-Methylphenols	7.472	107	440718	38.684	ng	91
22) Acetophenone	7.490	105	601347	47.757	ng	97
24) Nitrobenzene	7.666	77	453189	44.560	ng	93
25) Isophorone	7.901	82	803449	42.469	ng	97
26) 2-Nitrophenol	7.978	139	197664	47.842	ng	95
27) 2,4-Dimethylphenol	8.007	122	358851	45.360	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	526642	45.215	ng	100
29) 2,4-Dichlorophenol	8.219	162	312378	42.288	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	389565	45.907	ng	99
31) Naphthalene	8.395	128	1137972	44.659	ng	99
32) Benzoic acid	8.084	122	175654	35.384	ng	99
33) 4-Chloroaniline	8.431	127	263401	23.845	ng	97
34) Hexachlorobutadiene	8.507	225	245138	46.243	ng	99
35) Caprolactam	8.790	113	91354	43.678	ng	95
36) 4-Chloro-3-methylphenol	8.901	107	285896	37.795	ng	99
37) 2-Methylnaphthalene	9.084	142	705184	40.335	ng	100
38) 1-Methylnaphthalene	9.184	142	635850	39.206	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	354465	47.778	ng	99
41) Hexachlorocyclopentadiene	9.237	237	30841	8.184	ng	98
43) 2,4,6-Trichlorophenol	9.354	196	214232	47.325	ng	100

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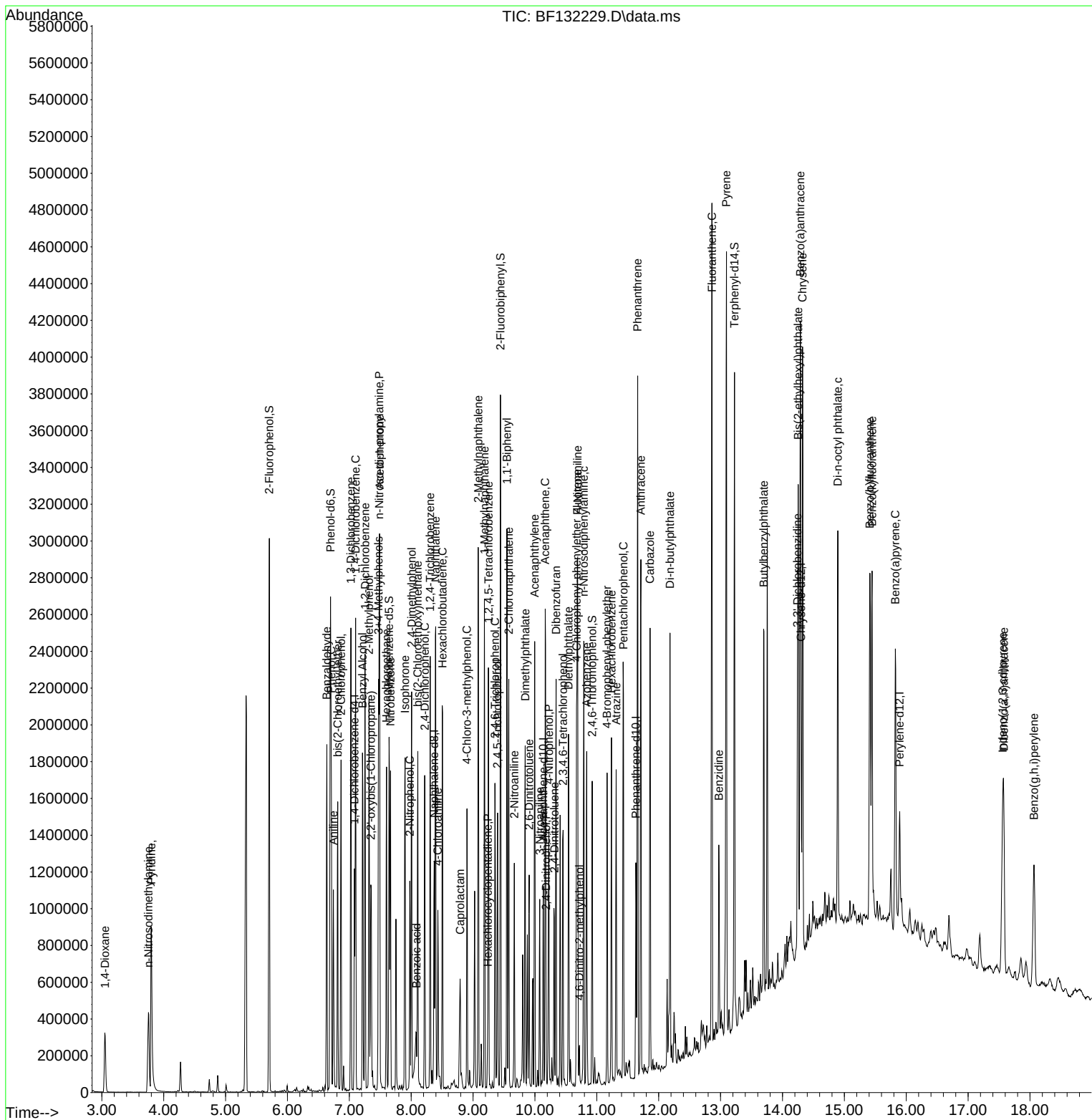
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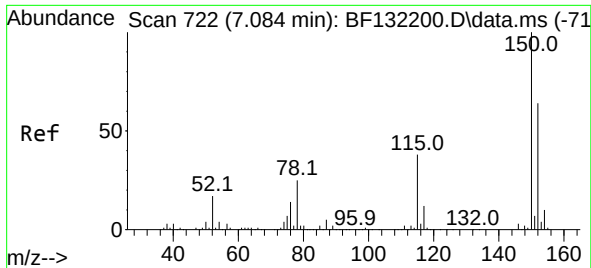
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	213576	40.288	ng	98
46) 1,1'-Biphenyl	9.548	154	811188	47.615	ng	98
47) 2-Chloronaphthalene	9.578	162	620901	46.957	ng	96
48) 2-Nitroaniline	9.666	65	162814	45.849	ng	90
49) Acenaphthylene	9.995	152	929760	45.256	ng	100
50) Dimethylphthalate	9.842	163	707925	47.186	ng	100
51) 2,6-Dinitrotoluene	9.907	165	144364	45.293	ng	# 84
52) Acenaphthene	10.166	154	570057	45.130	ng	98
53) 3-Nitroaniline	10.078	138	148953	42.233	ng	92
54) 2,4-Dinitrophenol	10.178	184	36956	27.387	ng	# 1
55) Dibenzofuran	10.342	168	840520	44.417	ng	95
56) 4-Nitrophenol	10.225	139	253153	99.347	ng	96
57) 2,4-Dinitrotoluene	10.313	165	181911	46.360	ng	# 80
58) Fluorene	10.684	166	650567	45.009	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	177854	47.217	ng	99
60) Diethylphthalate	10.542	149	672333	45.972	ng	99
61) 4-Chlorophenyl-phenyle...	10.672	204	333361	43.720	ng	97
62) 4-Nitroaniline	10.689	138	146445	44.254	ng	96
63) Azobenzene	10.836	77	636689	41.253	ng	93
65) 4,6-Dinitro-2-methylph...	10.719	198	29518	17.267	ng	96
66) n-Nitrosodiphenylamine	10.789	169	548614	41.145	ng	99
67) 4-Bromophenyl-phenylether	11.166	248	205641	42.069	ng	96
68) Hexachlorobenzene	11.236	284	217630	44.932	ng	95
69) Atrazine	11.313	200	189149	49.425	ng	99
70) Pentachlorophenol	11.431	266	269504	84.302	ng	99
71) Phenanthrene	11.660	178	1351128	62.551	ng	99
72) Anthracene	11.713	178	1083266	49.249	ng	98
73) Carbazole	11.860	167	951803	50.371	ng	99
74) Di-n-butylphthalate	12.183	149	1083694	50.411	ng	99
75) Fluoranthene	12.860	202	1826479	83.104	ng	98
77) Benzidine	12.972	184	405746	46.955	ng	99
78) Pyrene	13.095	202	1832559	59.079	ng	100
80) Butylbenzylphthalate	13.701	149	502606	48.163	ng	87
81) Benzo(a)anthracene	14.289	228	1358920	58.381	ng	100
82) 3,3'-Dichlorobenzidine	14.242	252	312459	49.535	ng	99
83) Chrysene	14.324	228	1219291	56.209	ng	99
84) Bis(2-ethylhexyl)phtha...	14.254	149	715165	52.878	ng	99
85) Di-n-octyl phthalate	14.895	149	1148897	56.438	ng	98
87) Indeno(1,2,3-cd)pyrene	17.560	276	793292	44.995	ng	95
88) Benzo(b)fluoranthene	15.413	252	1107951	67.650	ng	99
89) Benzo(k)fluoranthene	15.448	252	887621	52.524	ng	99
90) Benzo(a)pyrene	15.824	252	868082	56.162	ng	100
91) Dibenzo(a,h)anthracene	17.577	278	583774	40.498	ng	99
92) Benzo(g,h,i)perylene	18.065	276	656258	44.652	ng	96

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

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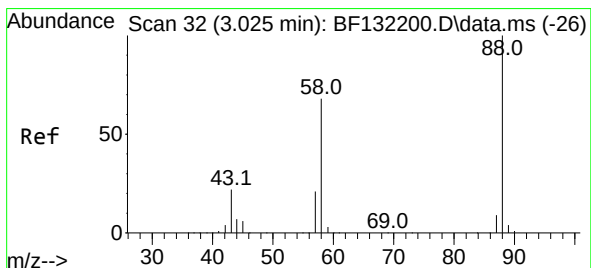
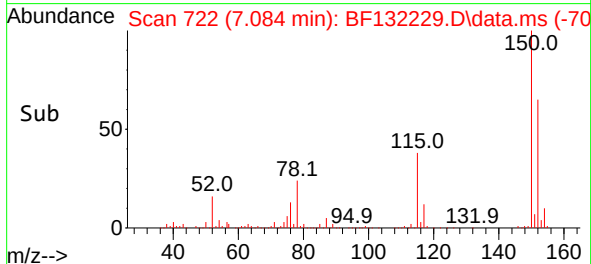
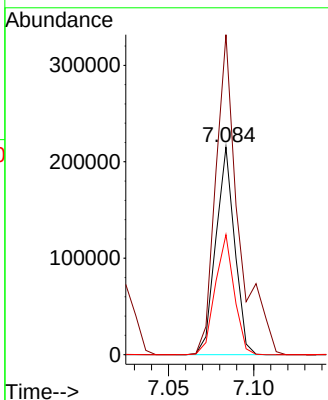
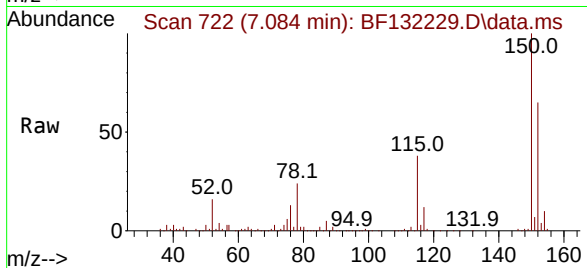




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.084 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132229.D
 Acq: 31 Jan 2023 01:08

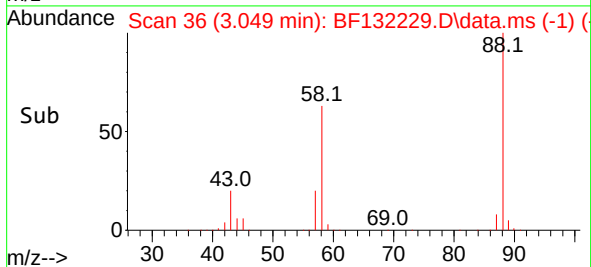
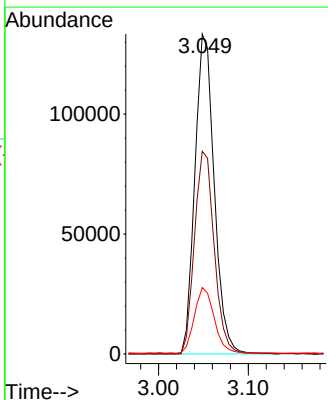
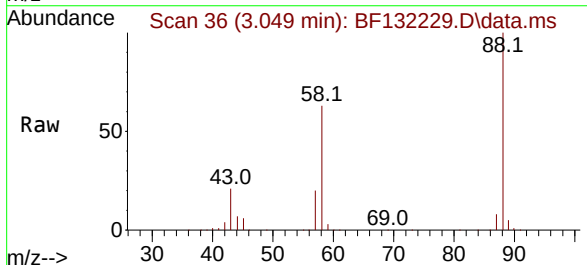
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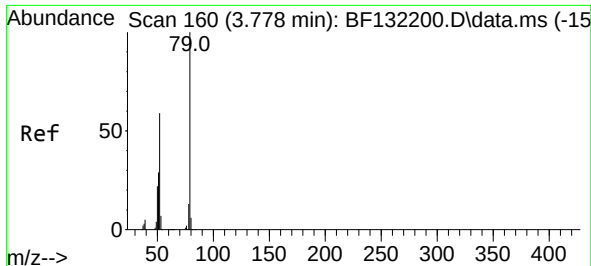
Tgt Ion:152 Resp: 165430
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.5 186.7
 115 57.8 47.0 70.6



#2
 1,4-Dioxane
 Concen: 39.918 ng
 RT: 3.049 min Scan# 36
 Delta R.T. 0.024 min
 Lab File: BF132229.D
 Acq: 31 Jan 2023 01:08

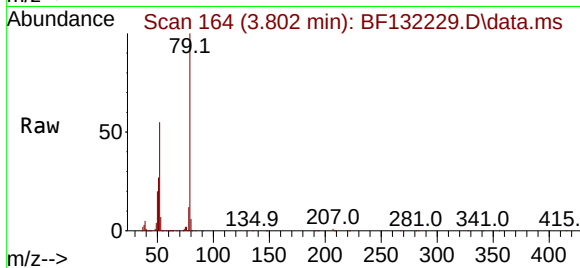
Tgt Ion: 88 Resp: 199761
 Ion Ratio Lower Upper
 88 100
 58 64.6 54.1 81.1
 43 20.9 18.0 27.0



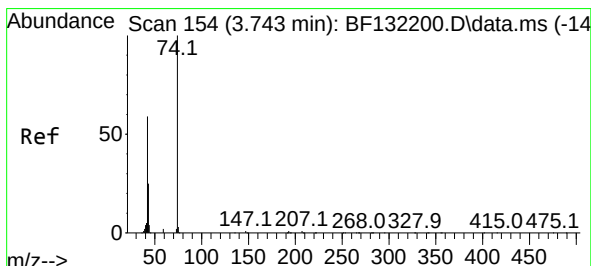
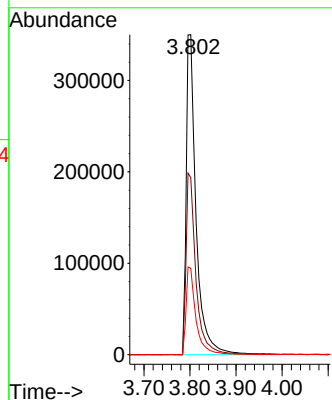
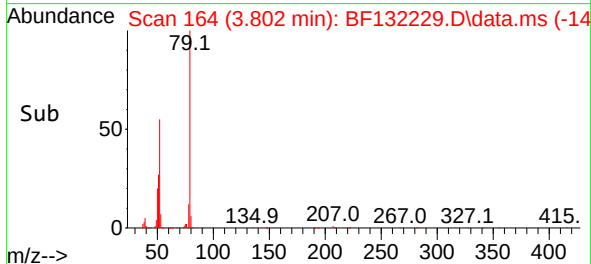


#3
Pyridine
Concen: 37.857 ng
RT: 3.802 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

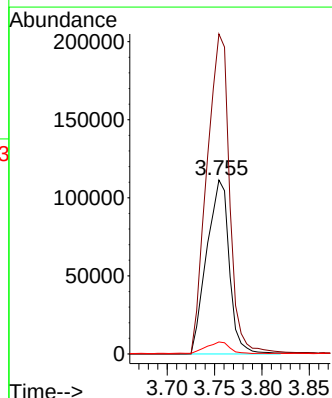
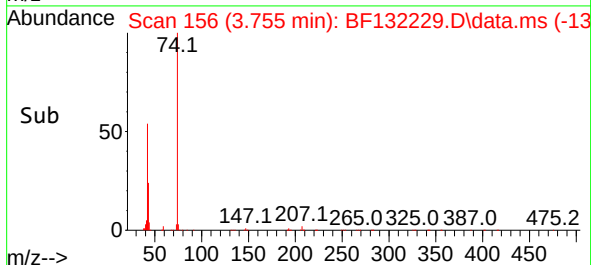
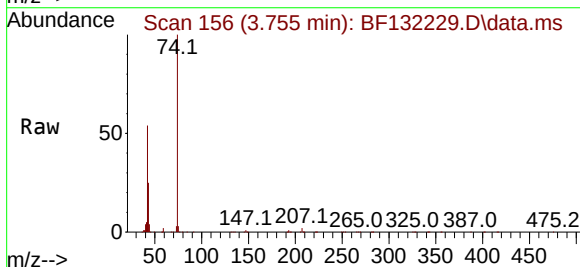


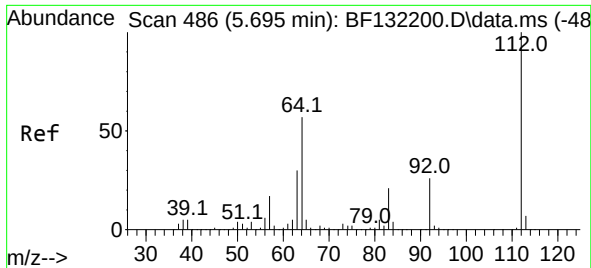
Tgt Ion: 79 Resp: 520329
Ion Ratio Lower Upper
79 100
52 55.3 46.8 70.2
51 27.0 23.0 34.6



#4
n-Nitrosodimethylamine
Concen: 40.109 ng
RT: 3.755 min Scan# 156
Delta R.T. 0.012 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion: 42 Resp: 184502
Ion Ratio Lower Upper
42 100
74 183.9 135.3 202.9
44 6.9 5.1 7.7

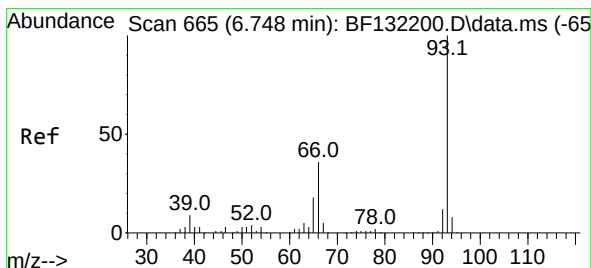
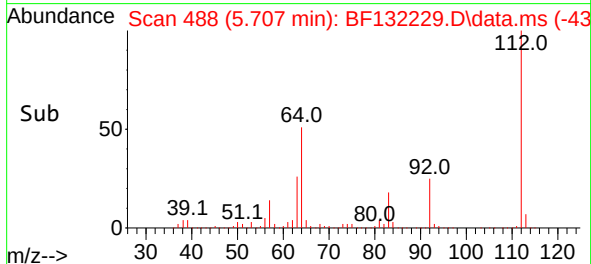
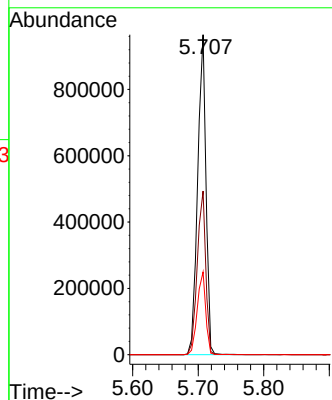
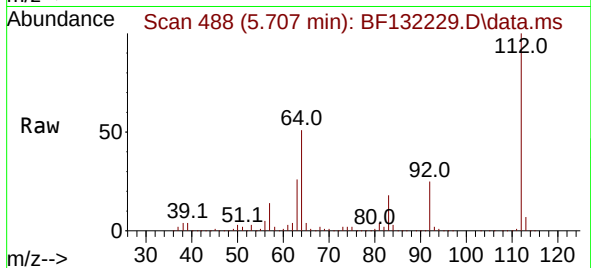




#5
2-Fluorophenol
Concen: 85.982 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.012 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

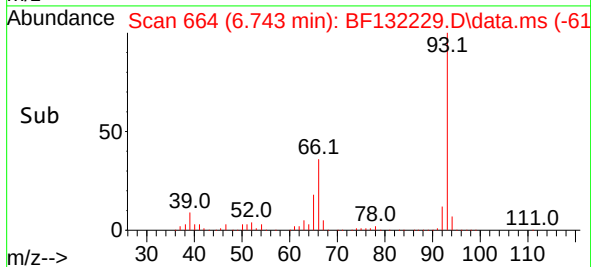
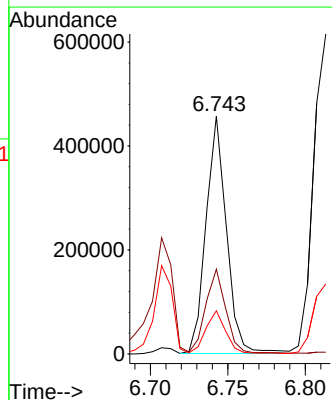
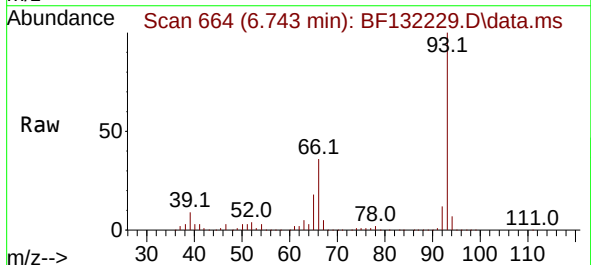
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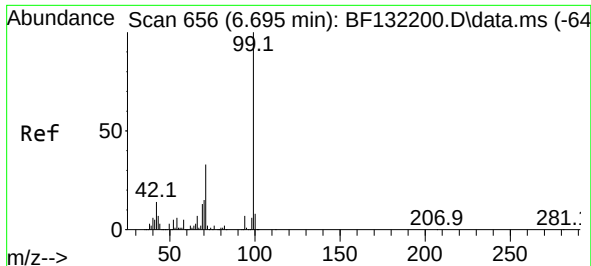
Tgt Ion:112 Resp: 854899
Ion Ratio Lower Upper
112 100
64 51.2 45.5 68.3
63 25.8 23.7 35.5



#6
Aniline
Concen: 24.044 ng
RT: 6.743 min Scan# 664
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion: 93 Resp: 419737
Ion Ratio Lower Upper
93 100
66 35.7 28.7 43.1
65 18.1 14.7 22.1

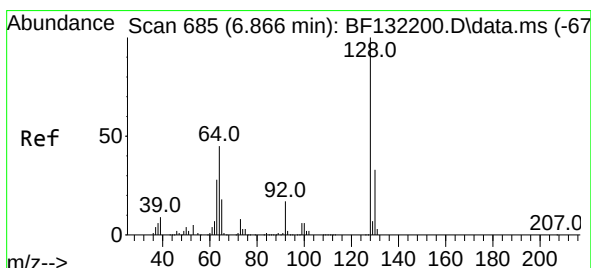
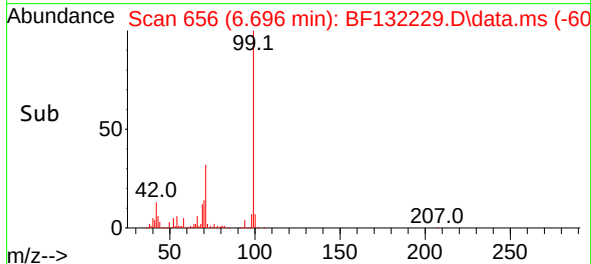
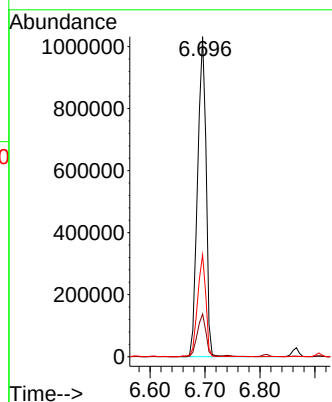
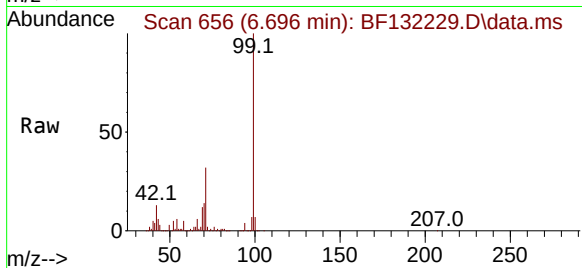




#7
Phenol-d6
Concen: 88.999 ng
RT: 6.696 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

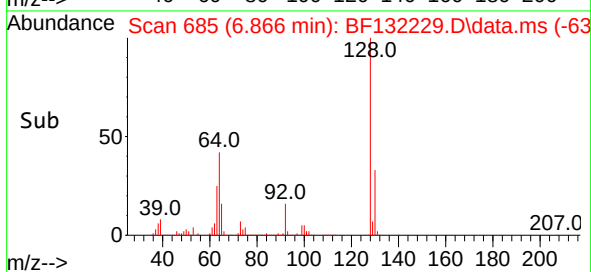
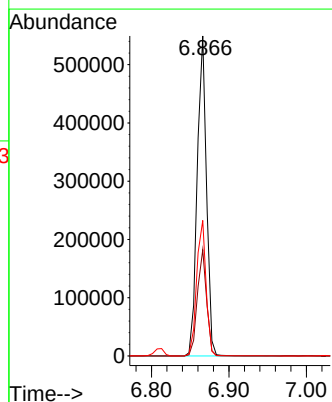
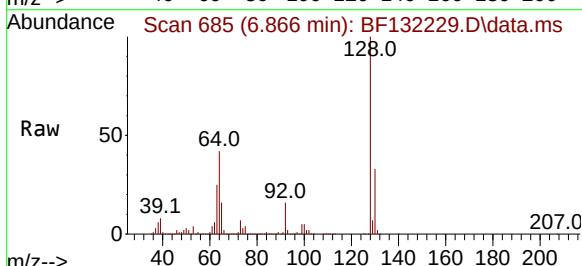
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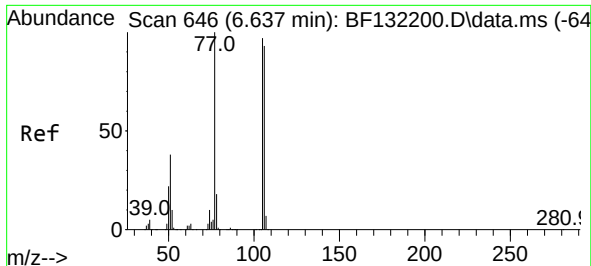
Tgt Ion: 99 Resp: 1109541
Ion Ratio Lower Upper
99 100
42 13.3 11.3 16.9
71 31.8 26.3 39.5



#8
2-Chlorophenol
Concen: 45.854 ng
RT: 6.866 min Scan# 685
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion: 128 Resp: 457146
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 42.3 25.7 65.7

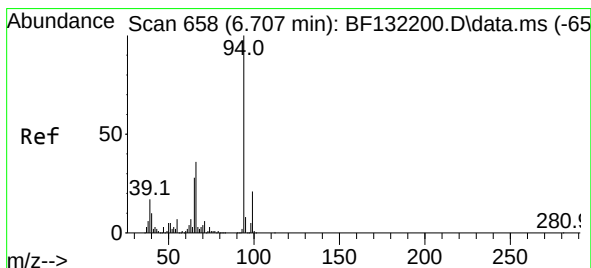
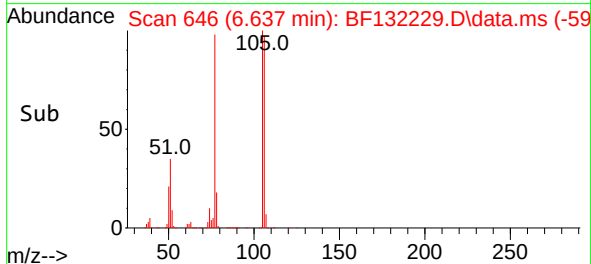
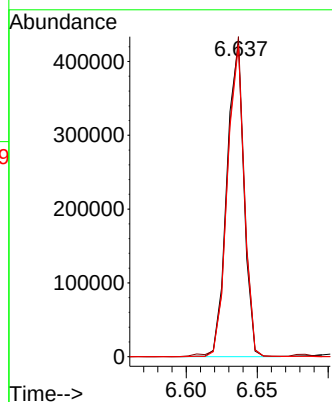
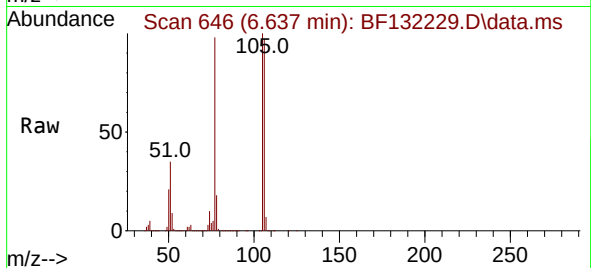




#9
Benzaldehyde
Concen: 54.982 ng
RT: 6.637 min Scan# 646
Delta R.T. -0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

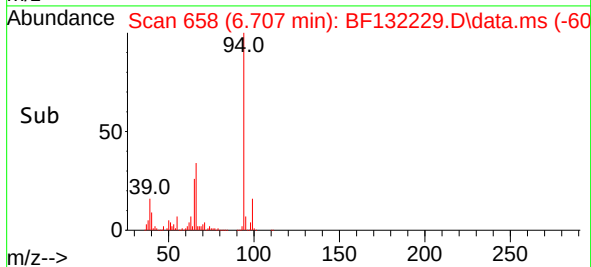
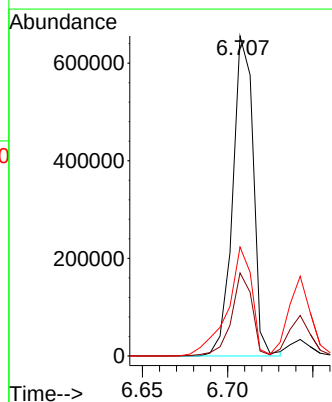
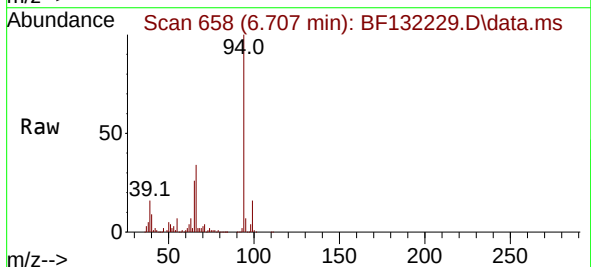
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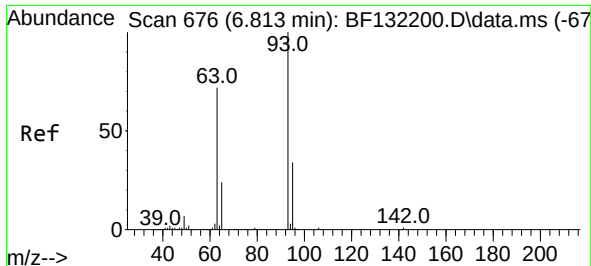
Tgt Ion: 77 Resp: 353867
Ion Ratio Lower Upper
77 100
105 102.0 77.0 117.0
106 99.2 73.2 113.2



#10
Phenol
Concen: 42.260 ng
RT: 6.707 min Scan# 658
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion: 94 Resp: 548466
Ion Ratio Lower Upper
94 100
65 25.9 7.6 47.6
66 34.1 16.3 56.3

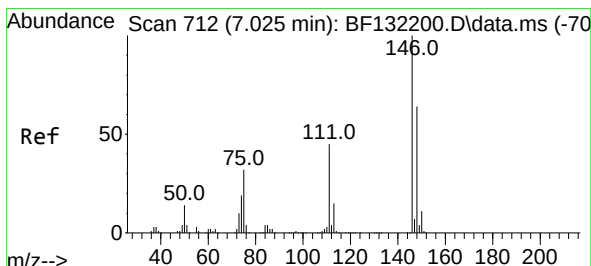
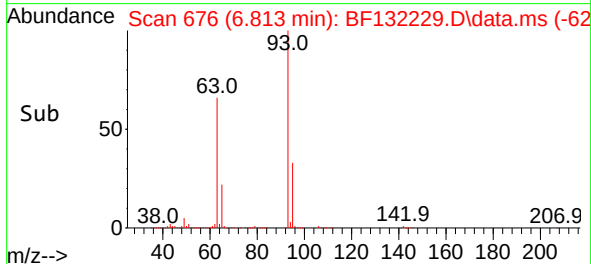
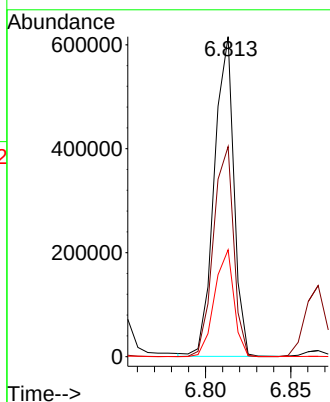
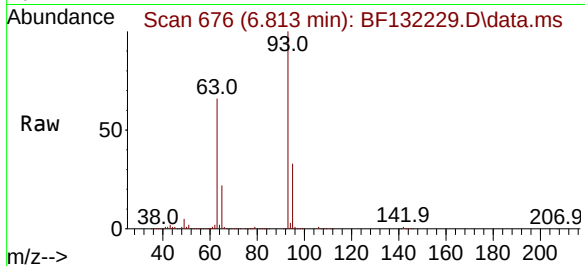




#11
bis(2-Chloroethyl)ether
Concen: 43.985 ng
RT: 6.813 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

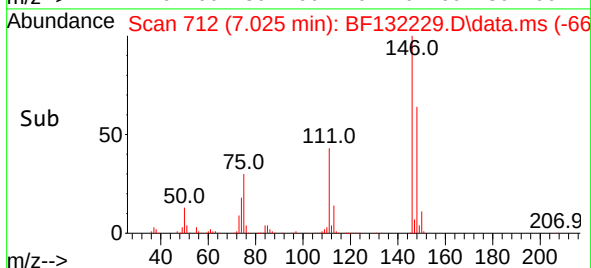
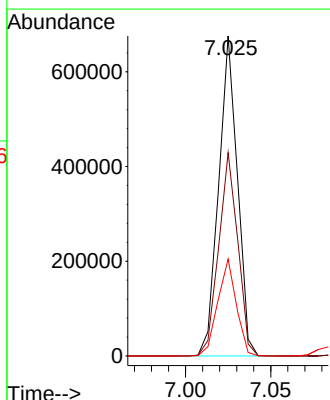
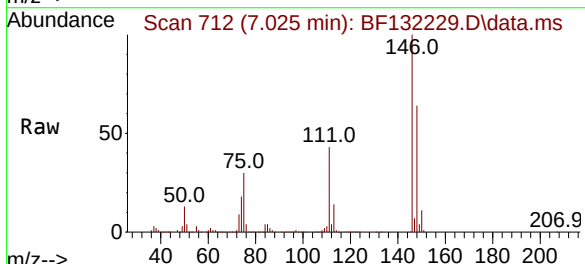
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

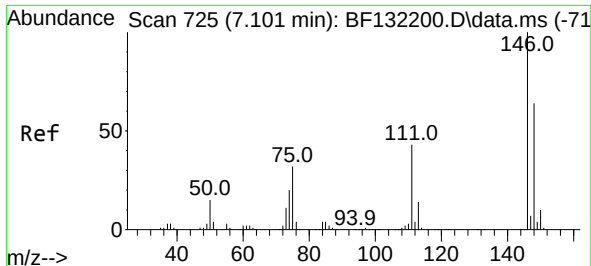
Tgt Ion: 93 Resp: 492420
Ion Ratio Lower Upper
93 100
63 65.6 52.2 92.2
95 33.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 46.714 ng
RT: 7.025 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:146 Resp: 517738
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 30.3 25.4 38.2

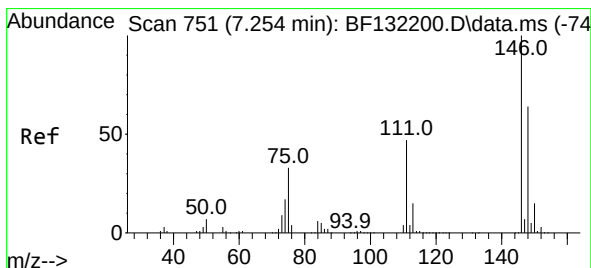
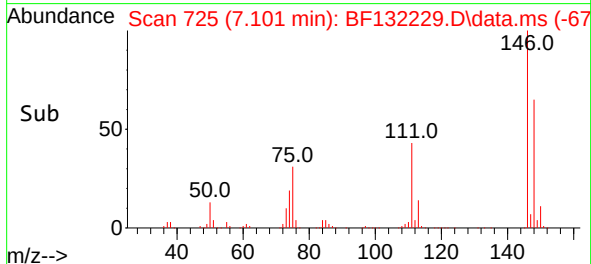
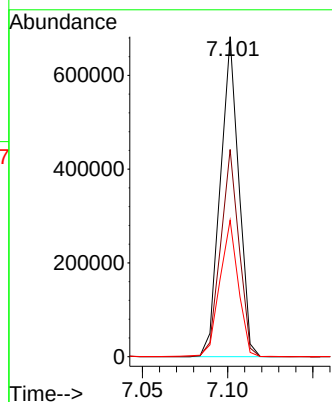
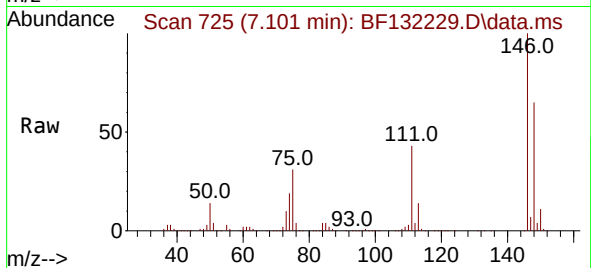




#13
1,4-Dichlorobenzene
Concen: 46.682 ng
RT: 7.101 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

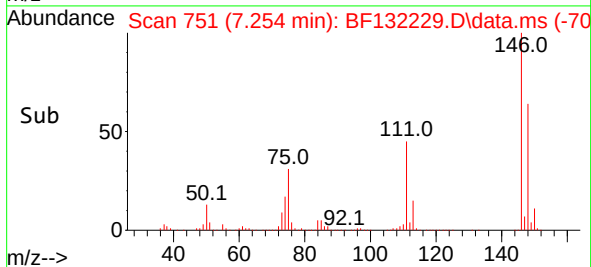
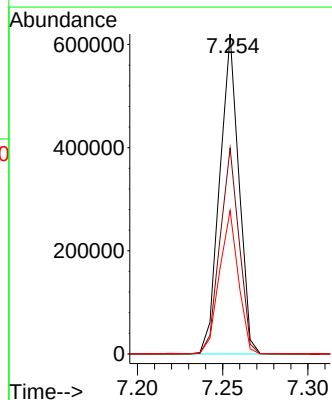
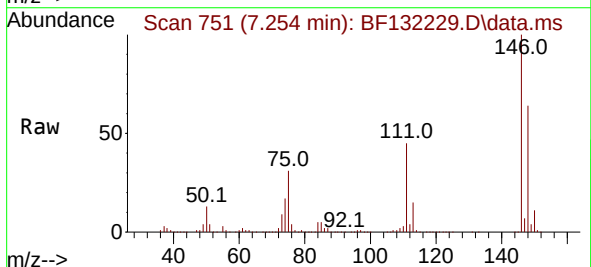
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

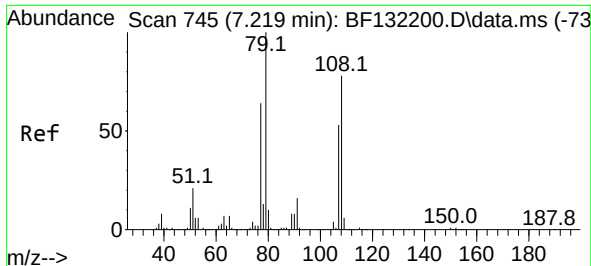
Tgt Ion:146 Resp: 515796
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
111 42.7 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 47.206 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:146 Resp: 484539
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 44.9 37.5 56.3

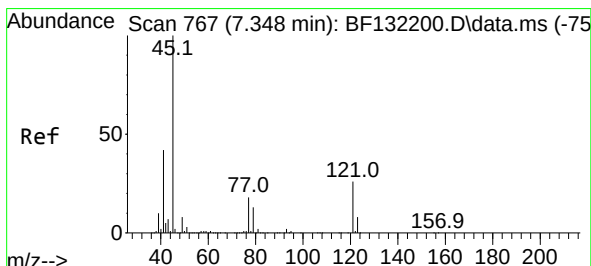
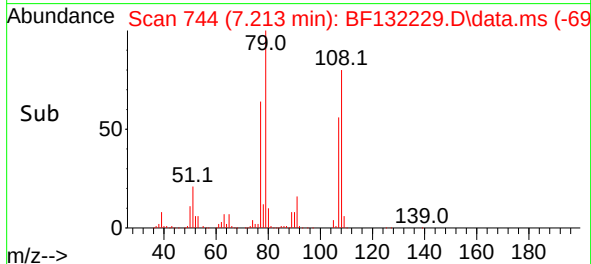
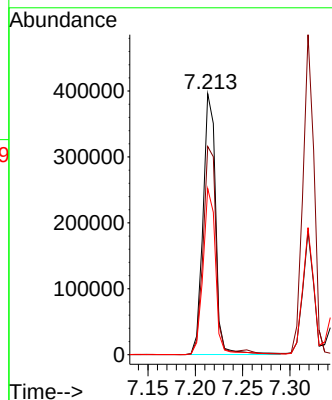
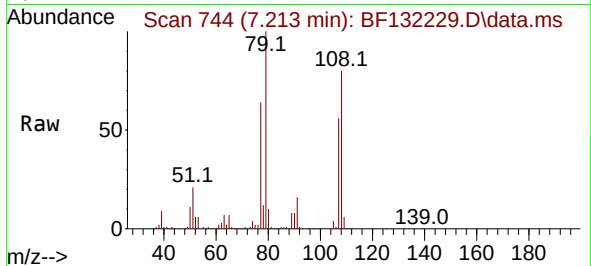




#15
Benzyl Alcohol
Concen: 40.147 ng
RT: 7.213 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

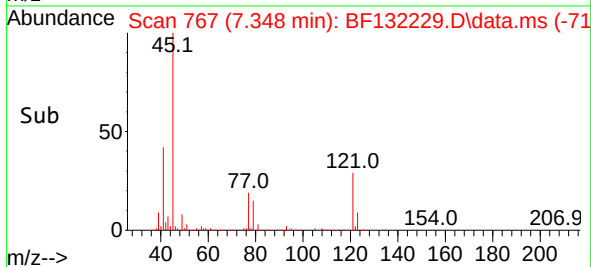
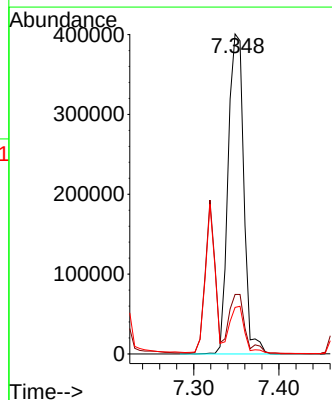
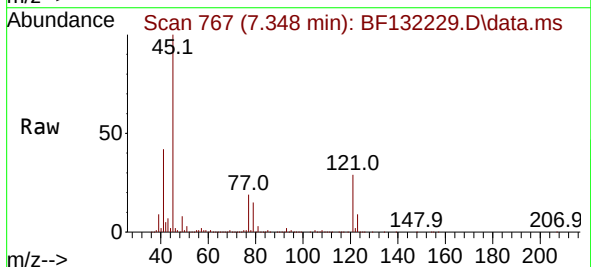
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

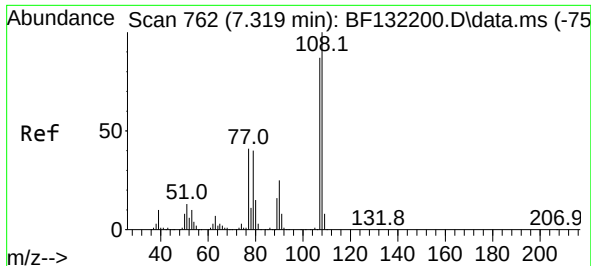
Tgt Ion: 79 Resp: 367776
Ion Ratio Lower Upper
79 100
108 79.8 62.2 93.4
77 63.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.138 ng
RT: 7.348 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion: 45 Resp: 510289
Ion Ratio Lower Upper
45 100
77 18.6 0.0 38.0
79 14.6 0.0 32.9

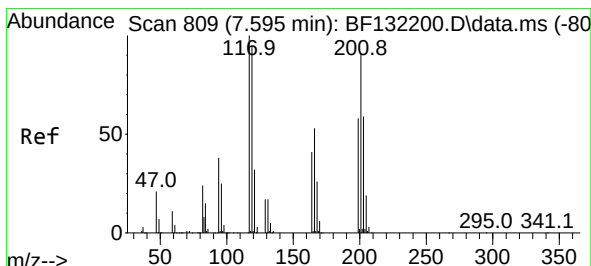
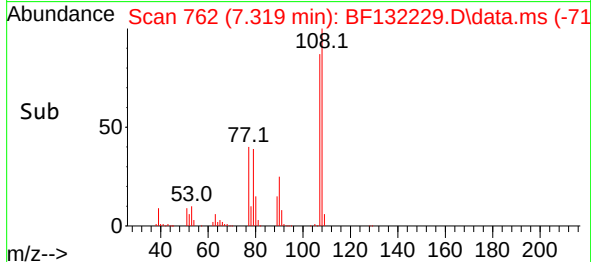
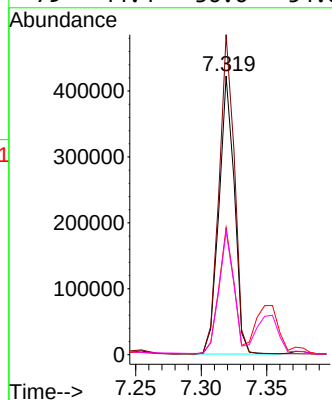
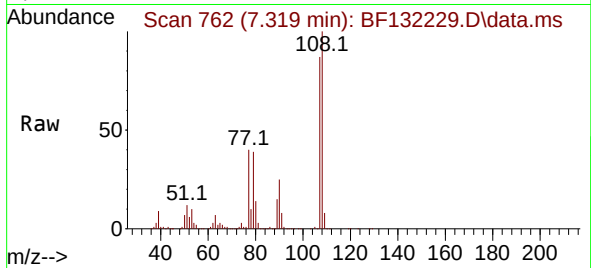




#17
2-Methylphenol
Concen: 37.960 ng
RT: 7.319 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

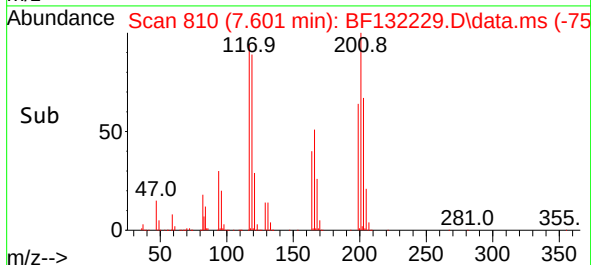
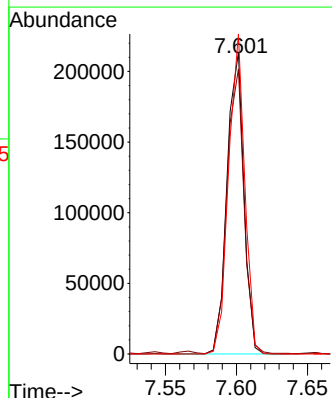
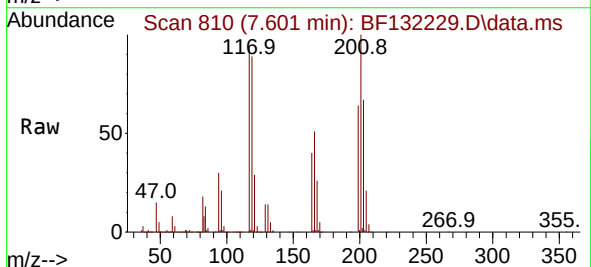
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

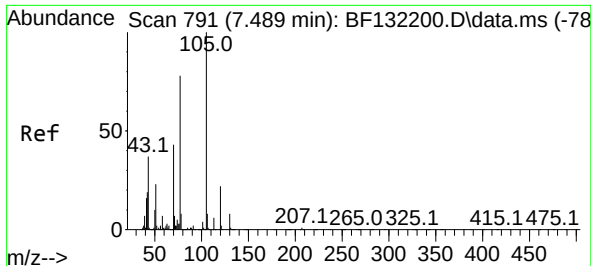
Tgt Ion:	107	Resp:	344097
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.2	138.4
77	45.6	37.5	56.3
79	44.4	36.6	54.8



#18
Hexachloroethane
Concen: 43.362 ng
RT: 7.601 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:	117	Resp:	176048
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.0	114.0
201	106.1	72.9	109.3



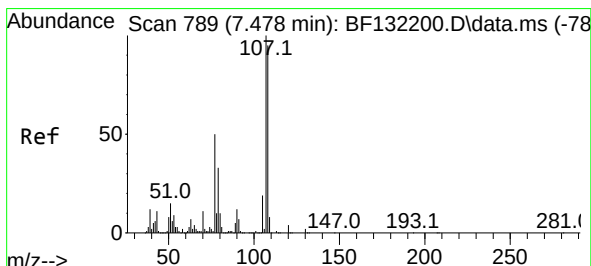
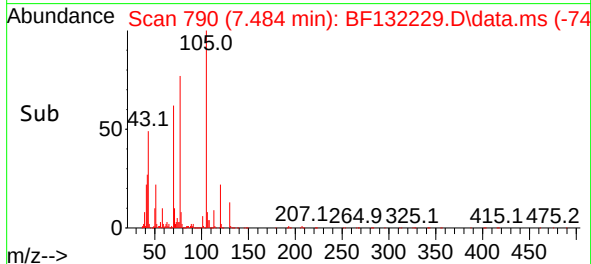
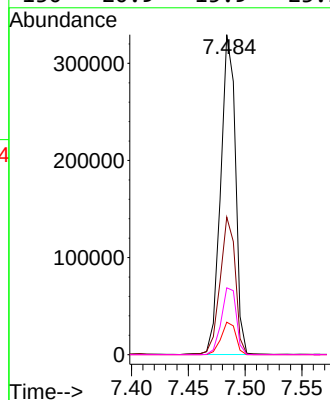
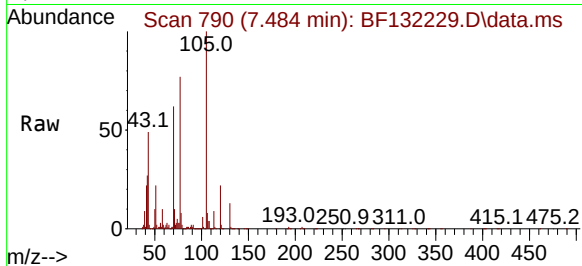


#19
n-Nitroso-di-n-propylamine
Concen: 39.933 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

Tgt Ion: 70 Resp: 299644

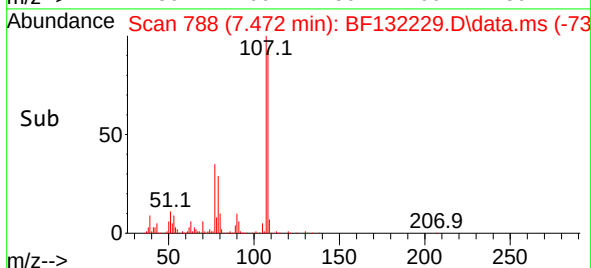
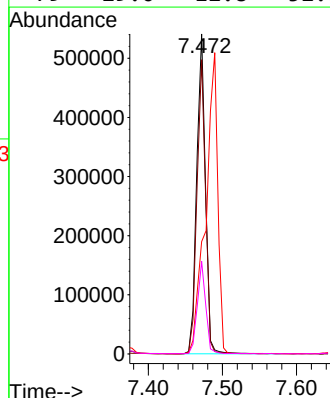
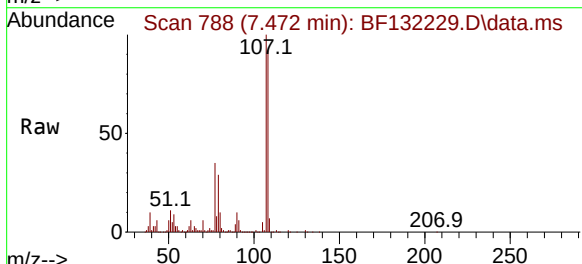
Ion	Ratio	Lower	Upper
70	100		
42	43.0	36.2	54.4
101	10.1	7.9	11.9
130	20.9	15.9	23.9

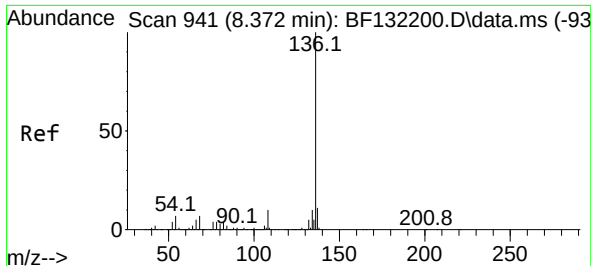


#20
3+4-Methylphenols
Concen: 38.684 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion: 107 Resp: 440718

Ion	Ratio	Lower	Upper
107	100		
108	92.0	75.1	115.1
77	35.1	29.6	69.6
79	29.0	12.8	52.8

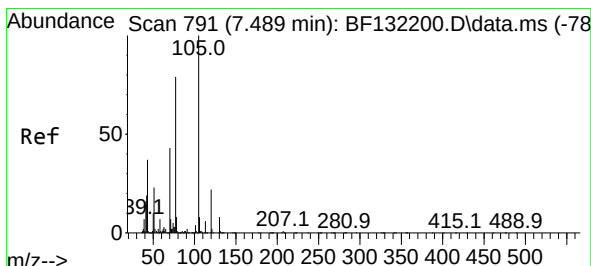
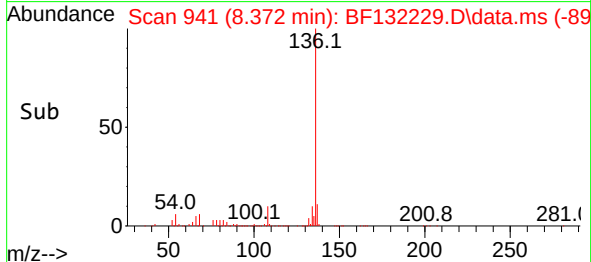
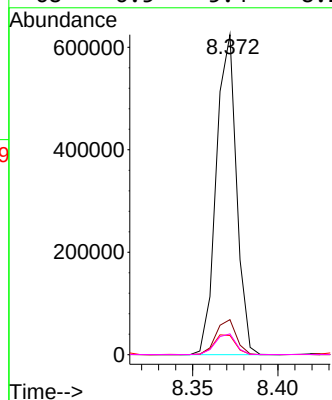
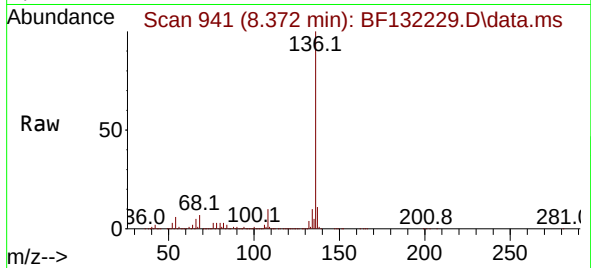




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

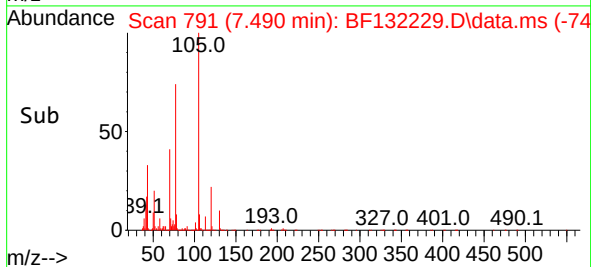
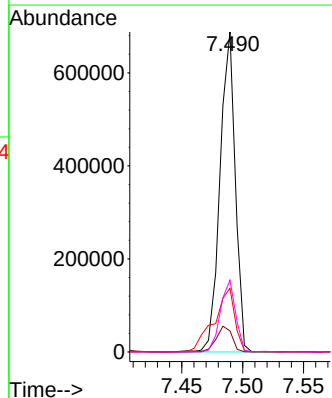
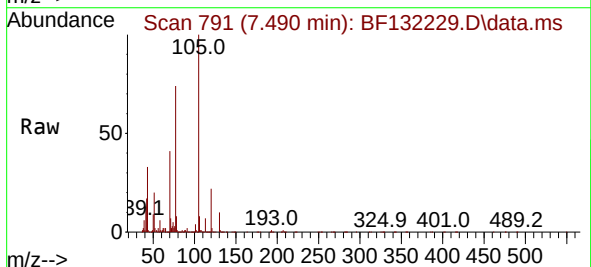
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

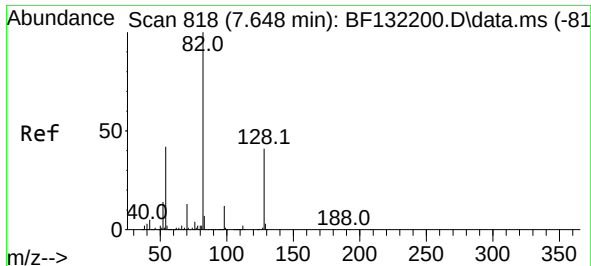
Tgt Ion:136 Resp: 514996
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.0 5.4 8.2
68 6.5 5.4 8.2



#22
Acetophenone
Concen: 47.757 ng
RT: 7.490 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:105 Resp: 601347
Ion Ratio Lower Upper
105 100
71 6.6 5.7 8.5
51 19.9 18.1 27.1
120 22.5 17.5 26.3

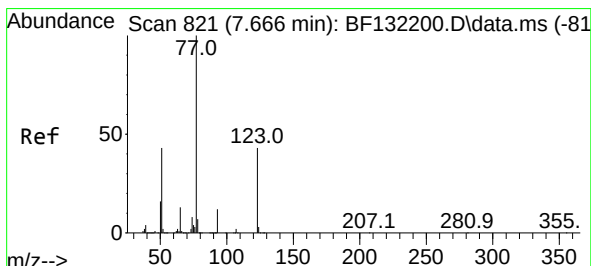
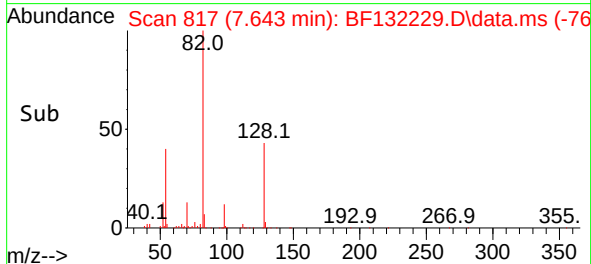
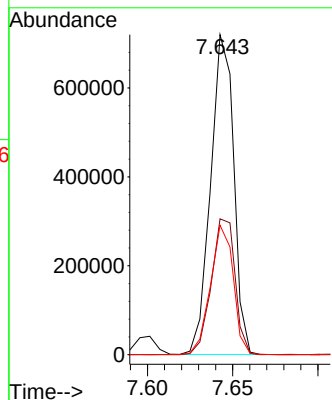
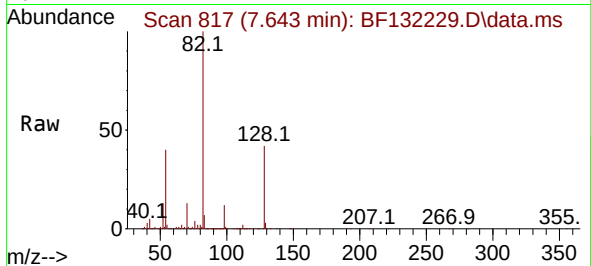




#23
Nitrobenzene-d5
Concen: 68.997 ng
RT: 7.643 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

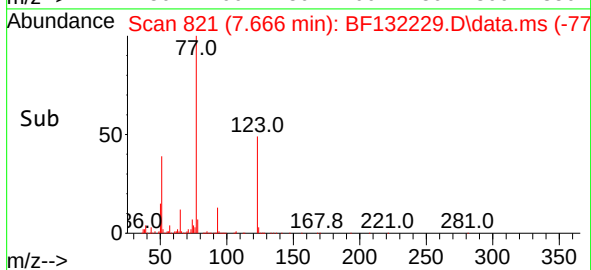
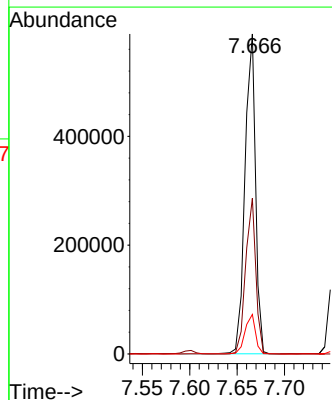
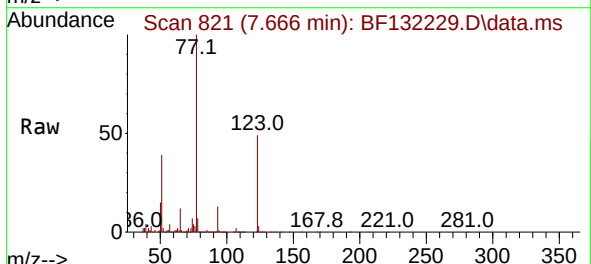
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

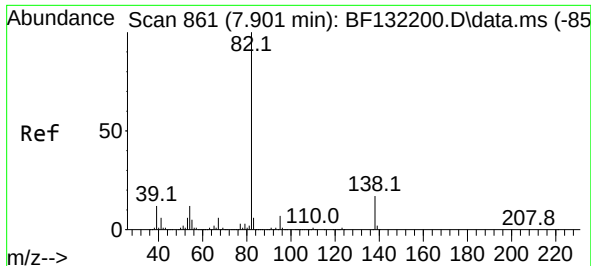
Tgt Ion: 82 Resp: 678722
Ion Ratio Lower Upper
82 100
128 42.5 32.7 49.1
54 40.4 33.3 49.9



#24
Nitrobenzene
Concen: 44.560 ng
RT: 7.666 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion: 77 Resp: 453189
Ion Ratio Lower Upper
77 100
123 48.6 34.8 52.2
65 12.3 10.5 15.7

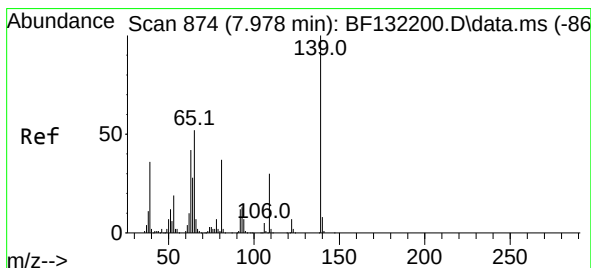
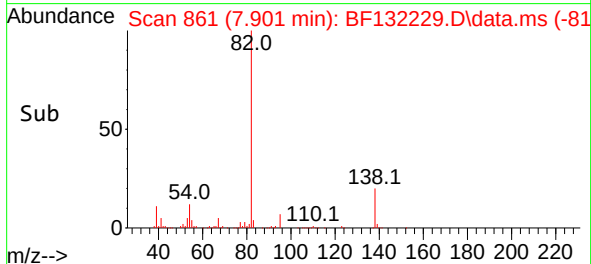
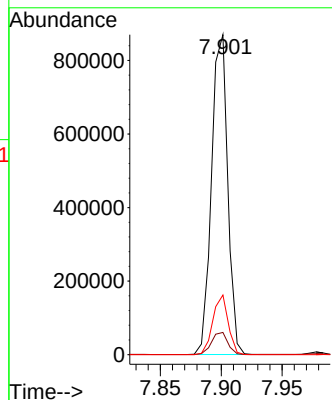
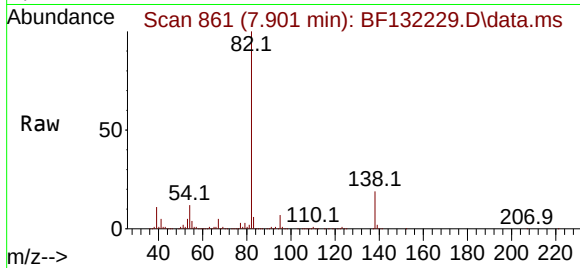




#25
Isophorone
Concen: 42.469 ng
RT: 7.901 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

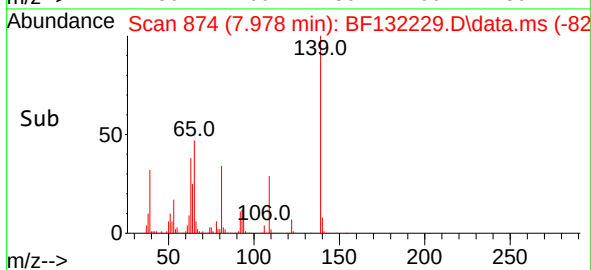
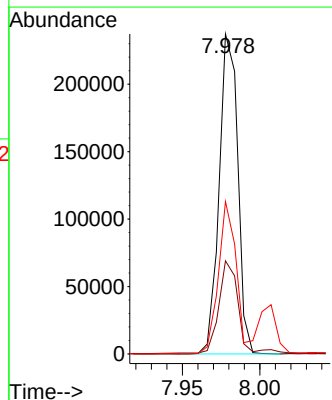
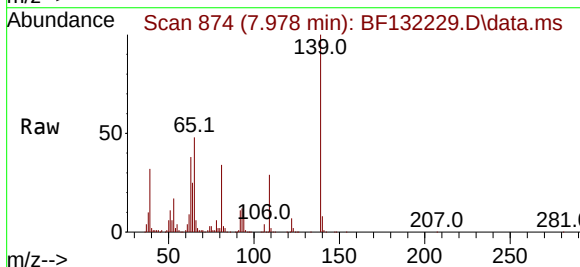
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

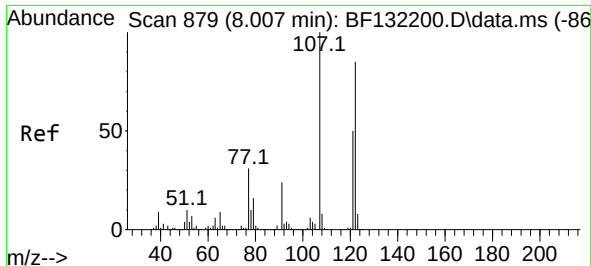
Tgt Ion: 82 Resp: 803449
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.6 13.4 20.0



#26
2-Nitrophenol
Concen: 47.842 ng
RT: 7.978 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:139 Resp: 197664
Ion Ratio Lower Upper
139 100
109 29.1 24.2 36.4
65 47.6 41.6 62.4

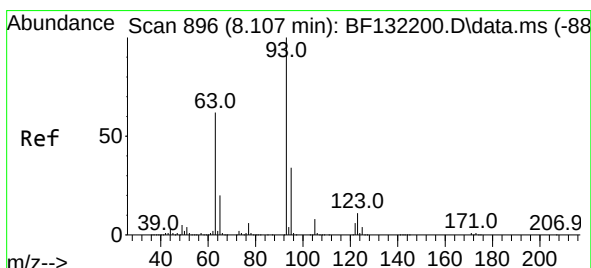
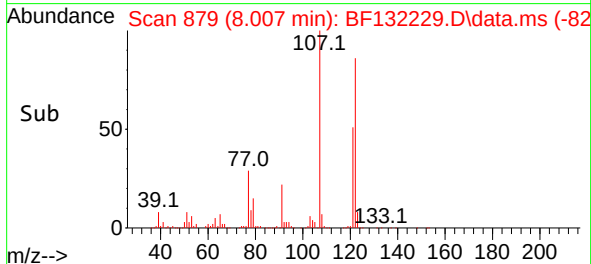
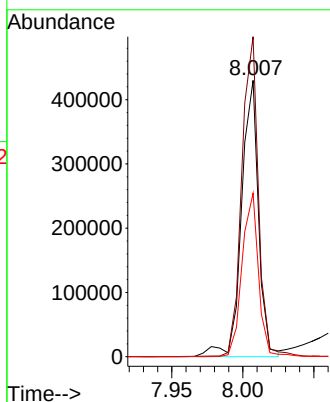
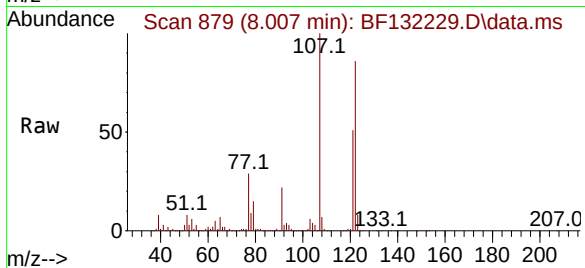




#27
2,4-Dimethylphenol
Concen: 45.360 ng
RT: 8.007 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

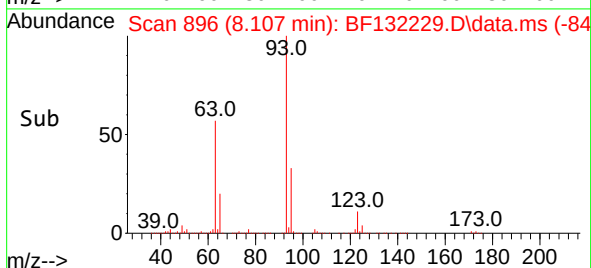
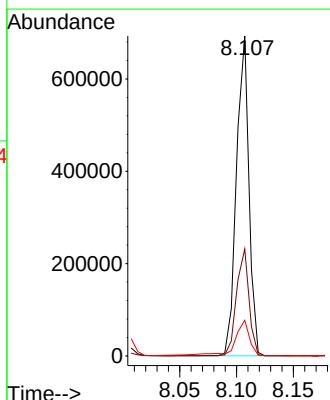
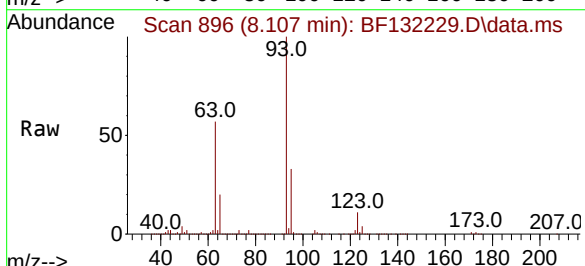
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

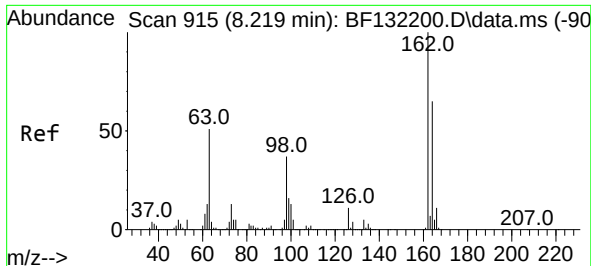
Tgt Ion:122 Resp: 358851
Ion Ratio Lower Upper
122 100
107 115.8 94.1 141.1
121 59.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.215 ng
RT: 8.107 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion: 93 Resp: 526642
Ion Ratio Lower Upper
93 100
95 33.4 27.0 40.4
123 11.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.288 ng

RT: 8.219 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

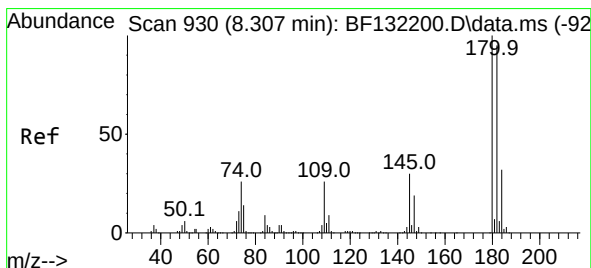
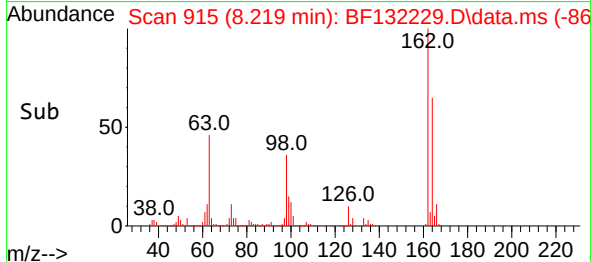
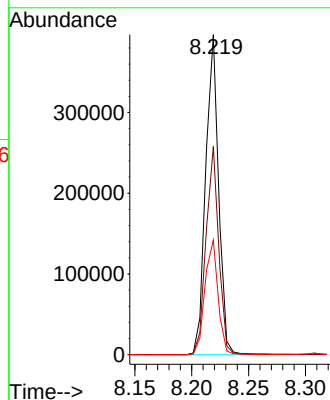
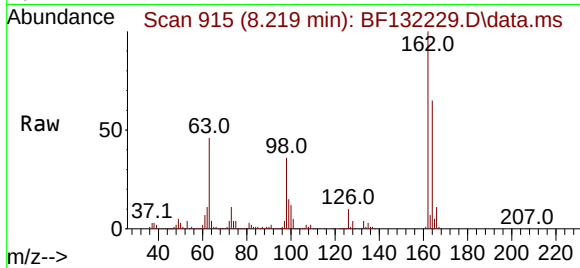
Tgt Ion:162 Resp: 312378

Ion Ratio Lower Upper

162 100

164 65.0 44.6 84.6

98 35.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 45.907 ng

RT: 8.307 min Scan# 930

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

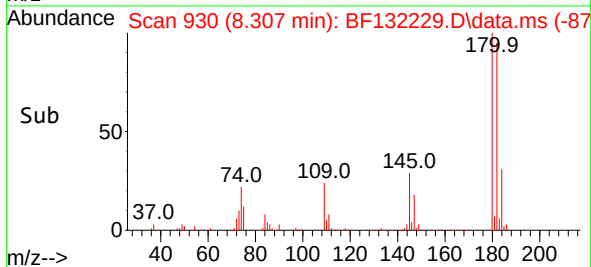
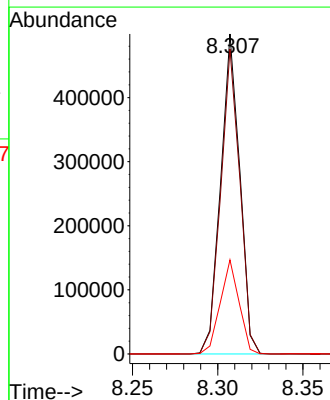
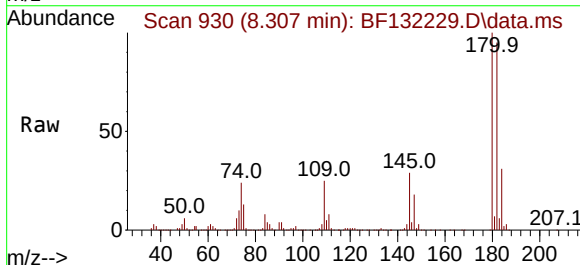
Tgt Ion:180 Resp: 389565

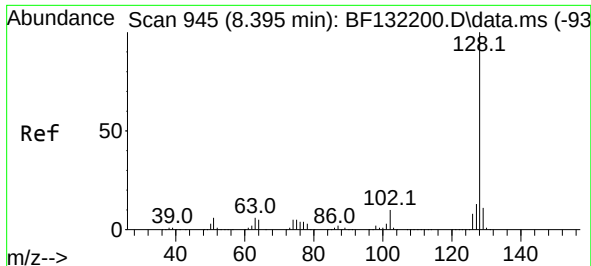
Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

145 29.4 23.9 35.9

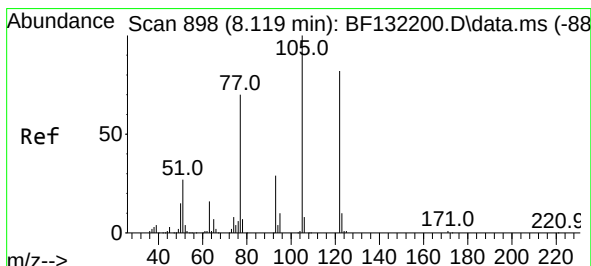
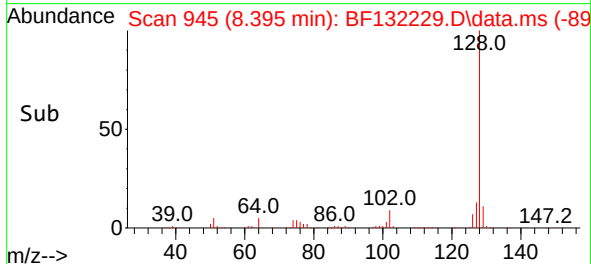
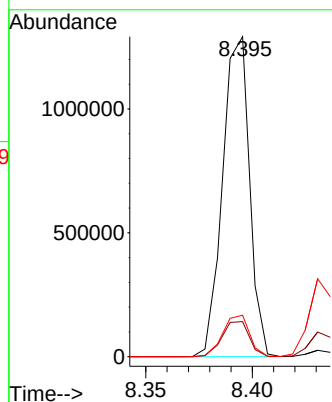
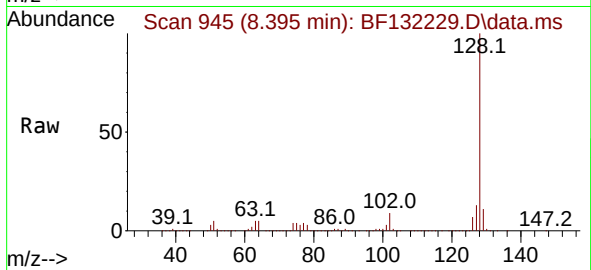




#31
Naphthalene
Concen: 44.659 ng
RT: 8.395 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

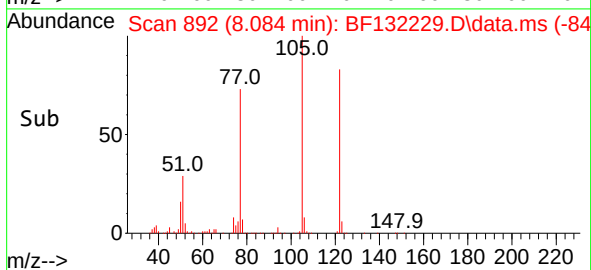
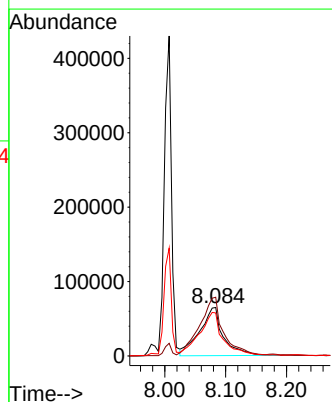
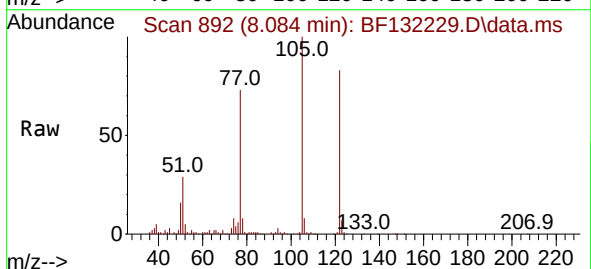
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

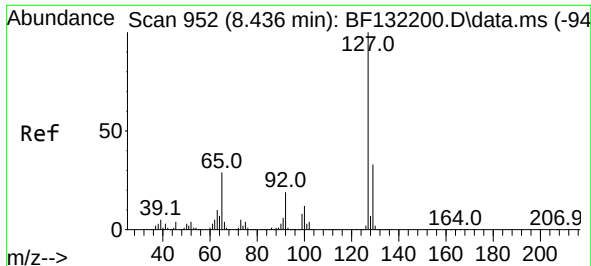
Tgt Ion:128 Resp: 1137972
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 35.384 ng
RT: 8.084 min Scan# 892
Delta R.T. -0.035 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:122 Resp: 175654
Ion Ratio Lower Upper
122 100
105 121.2 101.5 141.5
77 88.6 66.5 106.5

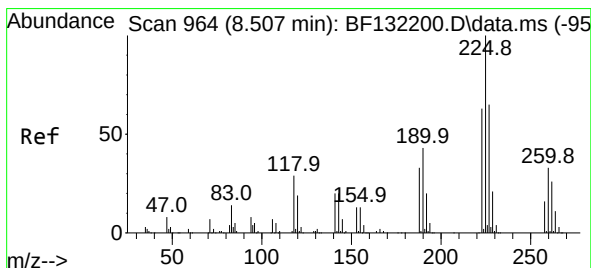
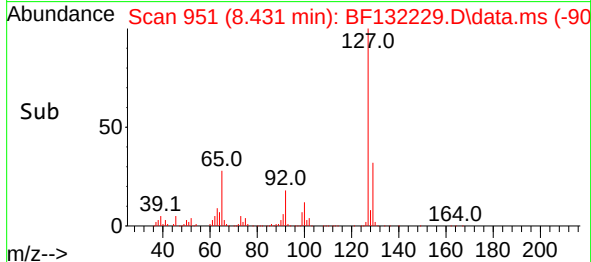
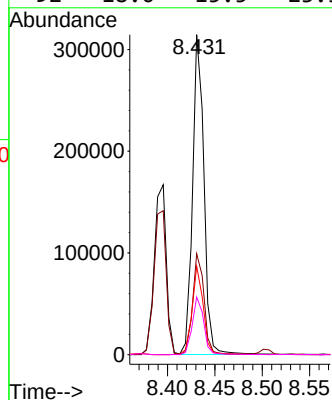
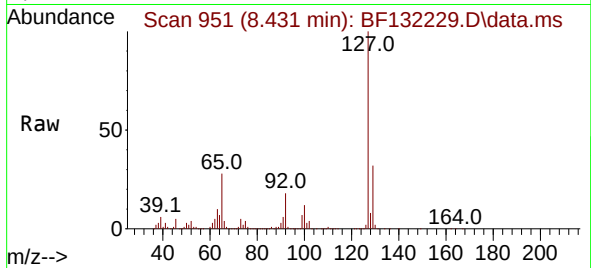




#33
4-Chloroaniline
Concen: 23.845 ng
RT: 8.431 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

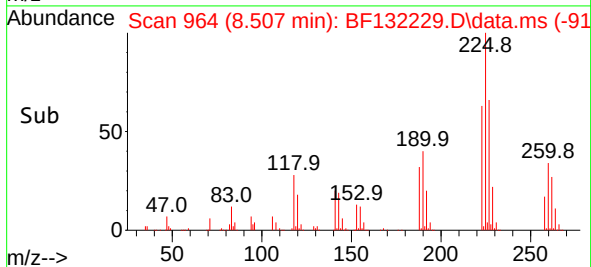
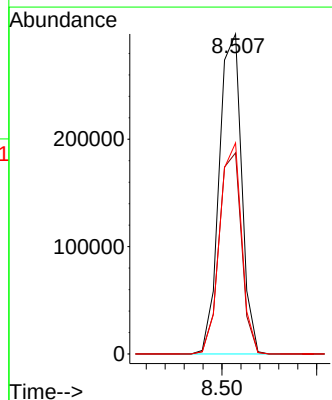
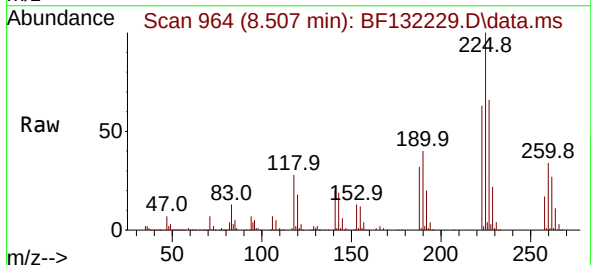
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

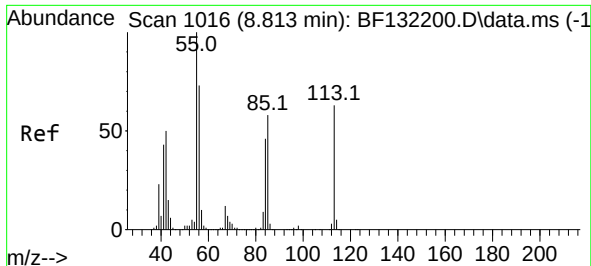
Tgt Ion:	127	Resp:	263401
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	39.8
65	27.6	22.9	34.3
92	18.0	15.5	23.3



#34
Hexachlorobutadiene
Concen: 46.243 ng
RT: 8.507 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:	225	Resp:	245138
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	66.0	52.1	78.1

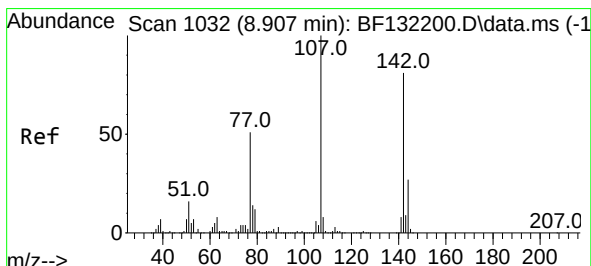
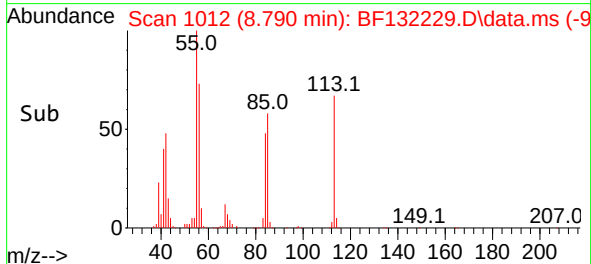
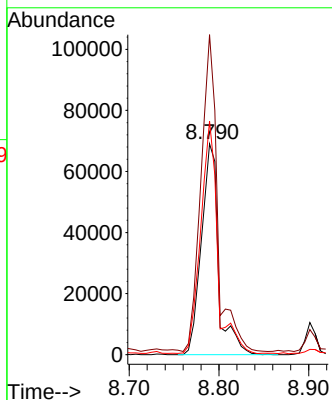
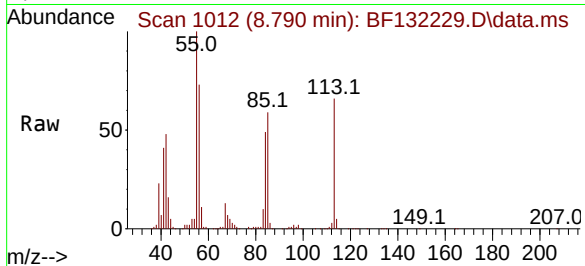




#35
 Caprolactam
 Concen: 43.678 ng
 RT: 8.790 min Scan# 1016
 Delta R.T. -0.024 min
 Lab File: BF132229.D
 Acq: 31 Jan 2023 01:08

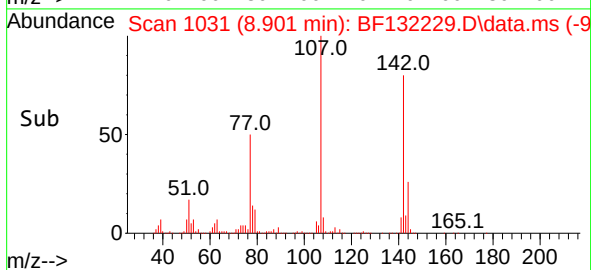
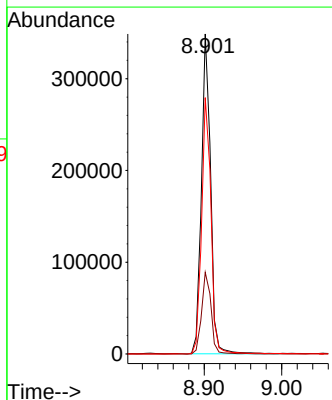
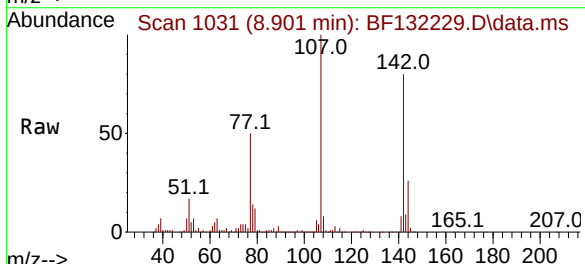
Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MSD

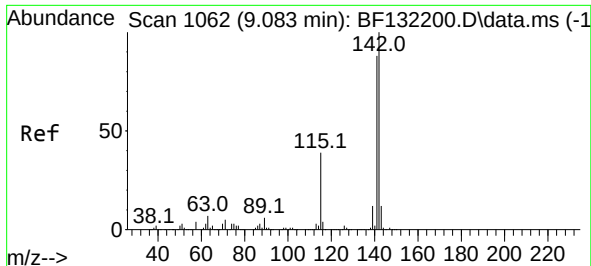
Tgt Ion:113 Resp: 91354
 Ion Ratio Lower Upper
 113 100
 55 151.7 138.7 178.7
 56 110.7 96.5 136.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.795 ng
 RT: 8.901 min Scan# 1031
 Delta R.T. -0.006 min
 Lab File: BF132229.D
 Acq: 31 Jan 2023 01:08

Tgt Ion:107 Resp: 285896
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.6 32.4
 142 80.1 64.8 97.2





#37

2-Methylnaphthalene

Concen: 40.335 ng

RT: 9.084 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

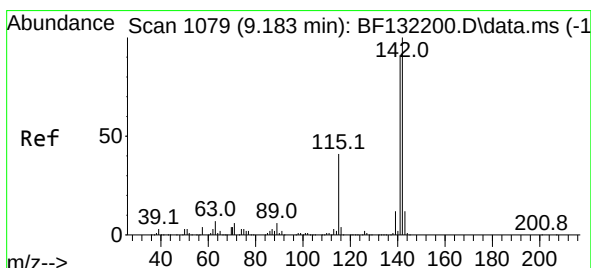
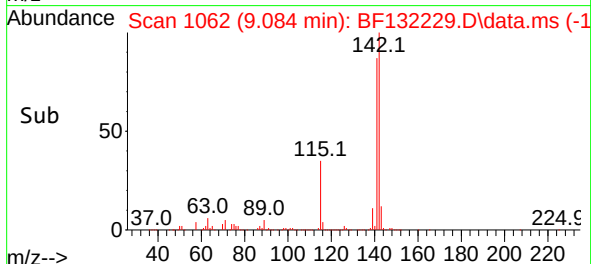
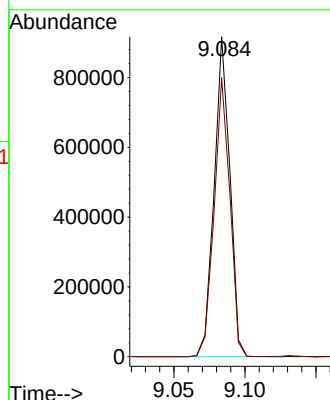
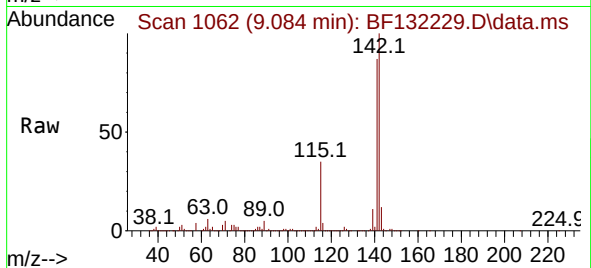
DR-1-012523MSD

Tgt Ion:142 Resp: 705184

Ion Ratio Lower Upper

142 100

141 87.2 70.0 105.0



#38

1-Methylnaphthalene

Concen: 39.206 ng

RT: 9.184 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BF132229.D

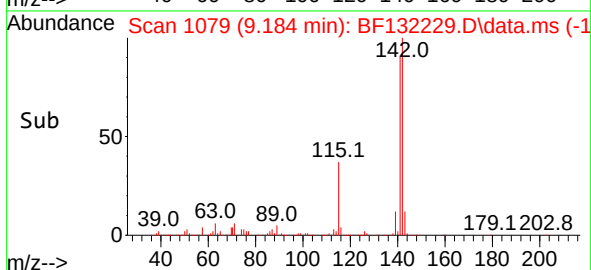
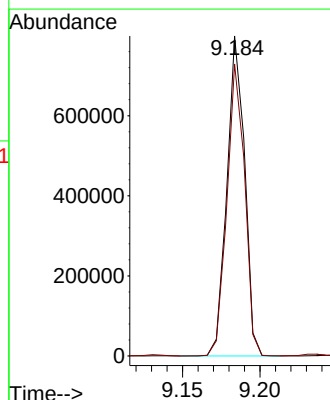
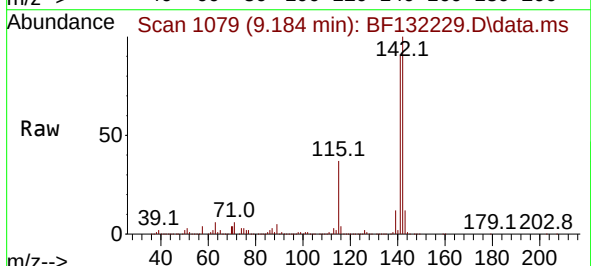
Acq: 31 Jan 2023 01:08

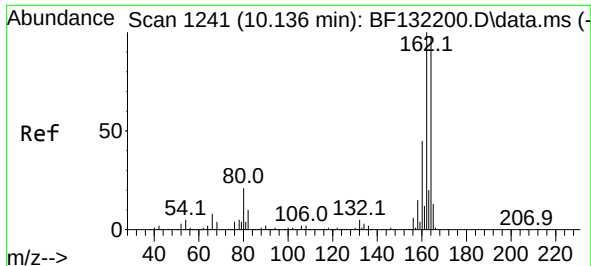
Tgt Ion:142 Resp: 635850

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4

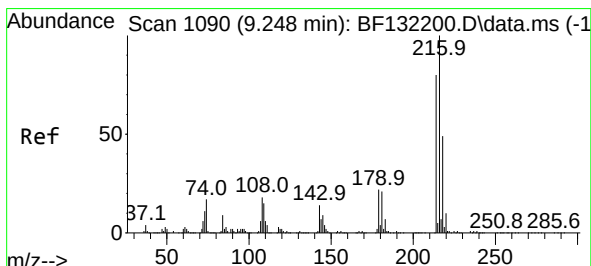
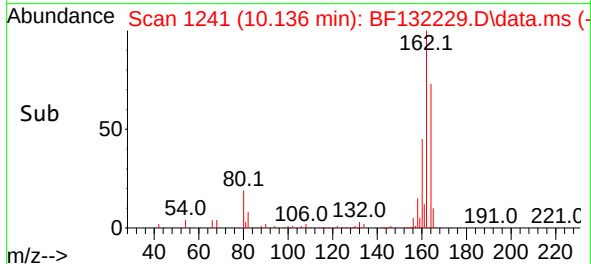
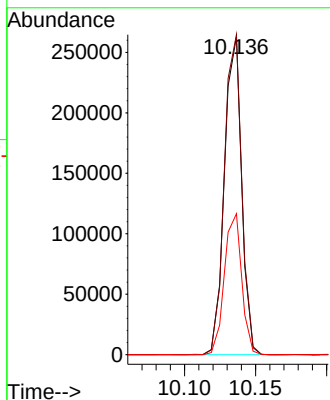
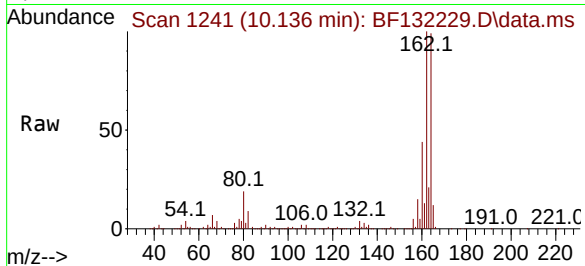




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

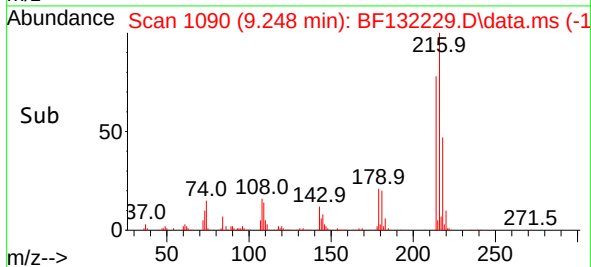
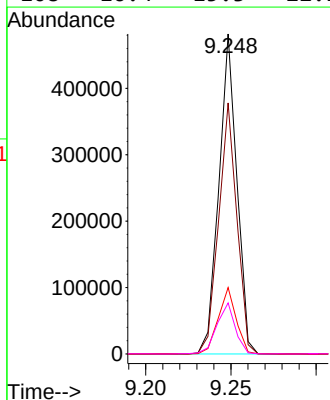
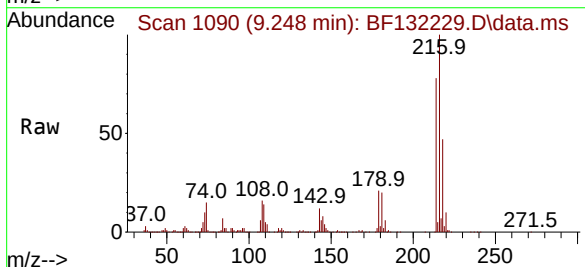
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

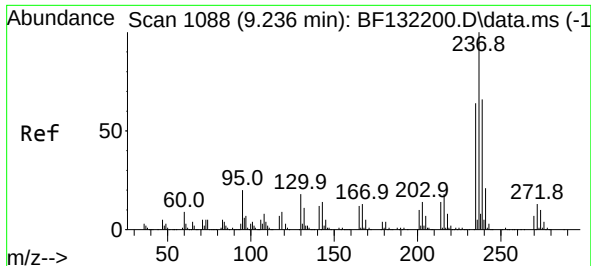
Tgt Ion:164 Resp: 221066
Ion Ratio Lower Upper
164 100
162 100.7 81.5 122.3
160 44.4 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.778 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:216 Resp: 354465
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.2
179 20.7 16.8 25.2
108 16.4 15.3 22.9

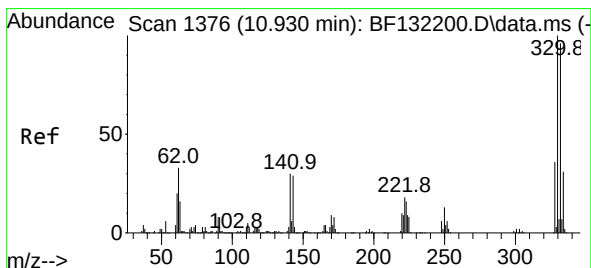
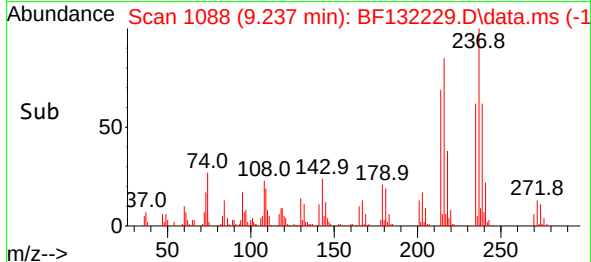
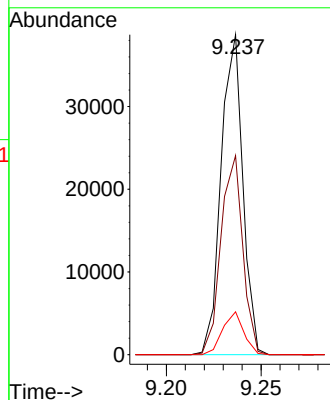
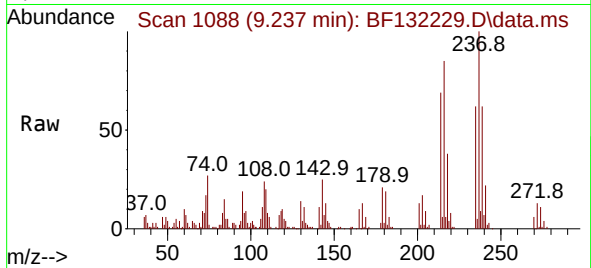




#41
Hexachlorocyclopentadiene
Concen: 8.184 ng
RT: 9.237 min Scan# 1088
Delta R.T. 0.001 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

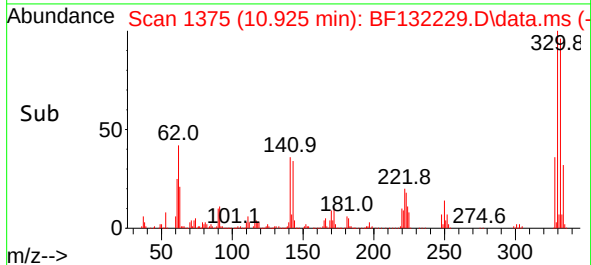
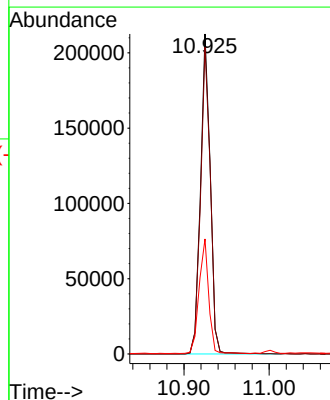
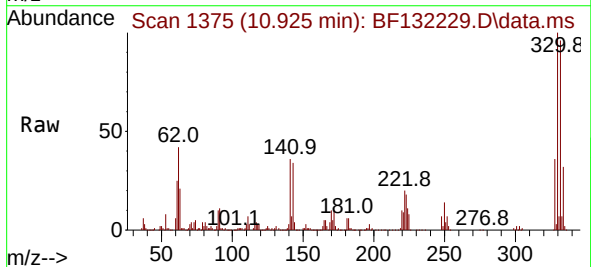
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

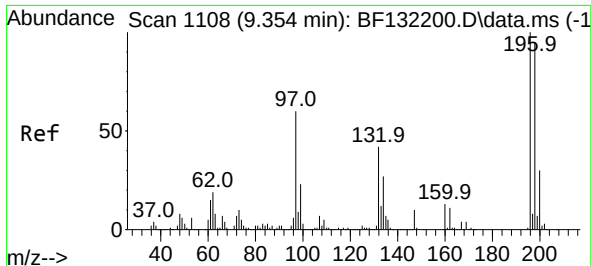
Tgt Ion:237 Resp: 30841
Ion Ratio Lower Upper
237 100
235 62.2 43.9 83.9
272 13.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 82.305 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:330 Resp: 168482
Ion Ratio Lower Upper
330 100
332 96.7 75.7 113.5
141 35.8 30.7 46.1

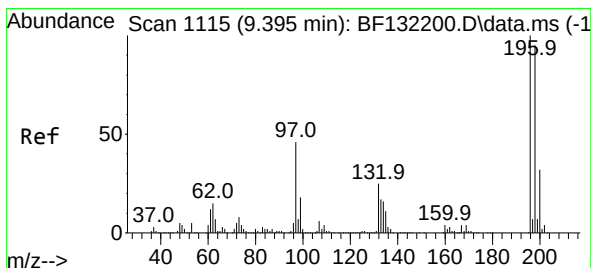
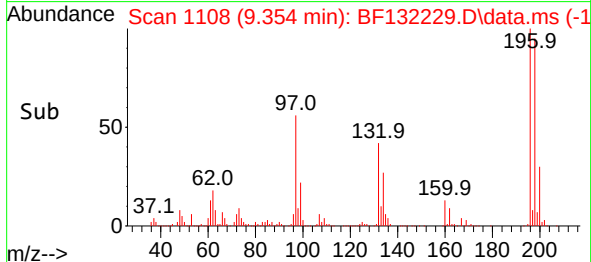
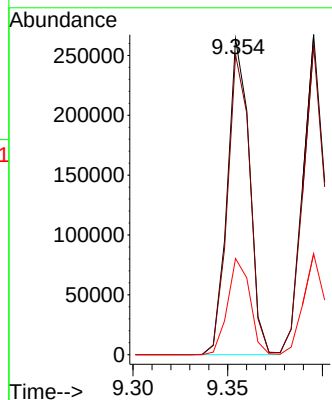
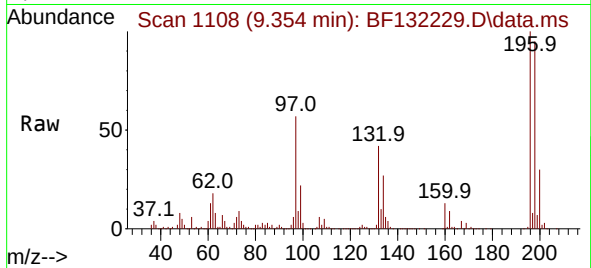




#43
2,4,6-Trichlorophenol
Concen: 47.325 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

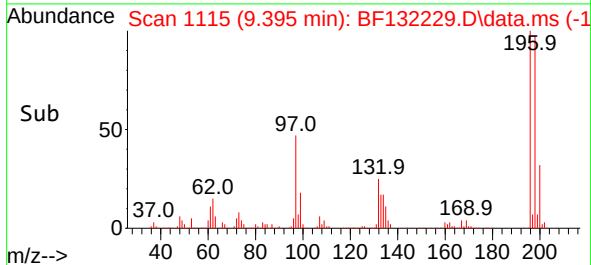
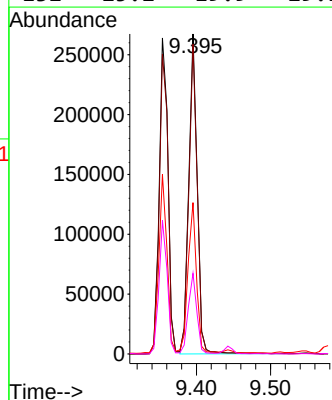
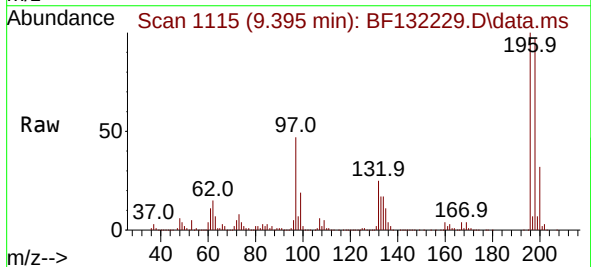
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

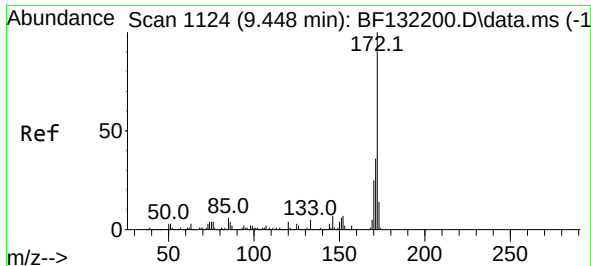
Tgt Ion:196 Resp: 214232
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
200 30.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 40.288 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:196 Resp: 213576
Ion Ratio Lower Upper
196 100
198 96.9 75.8 113.6
97 47.3 37.1 55.7
132 25.2 19.9 29.9

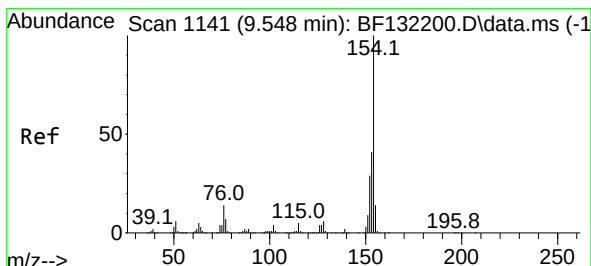
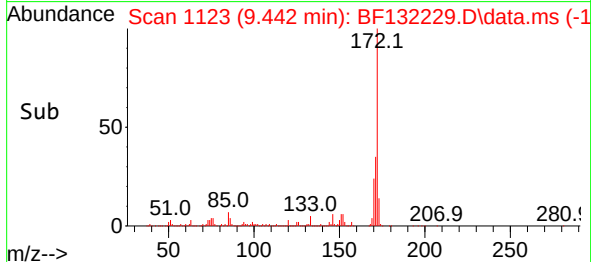
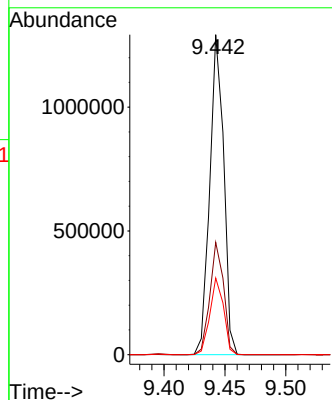
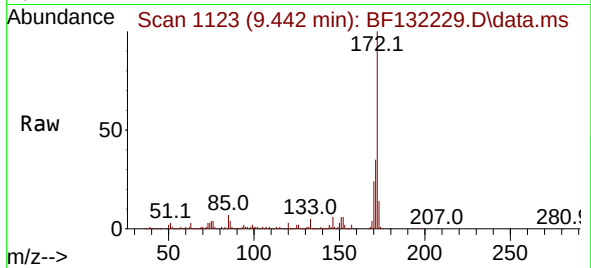




#45
2-Fluorobiphenyl
Concen: 68.525 ng
RT: 9.442 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

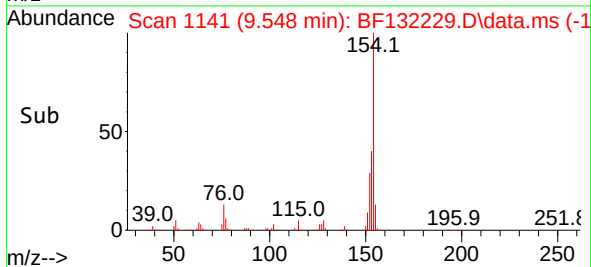
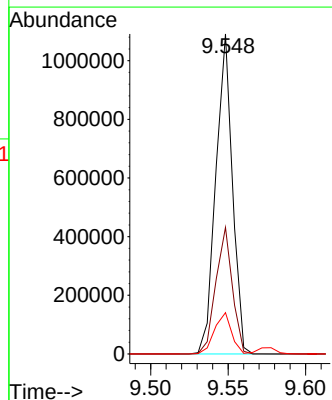
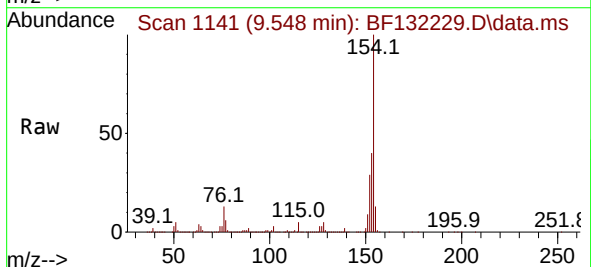
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

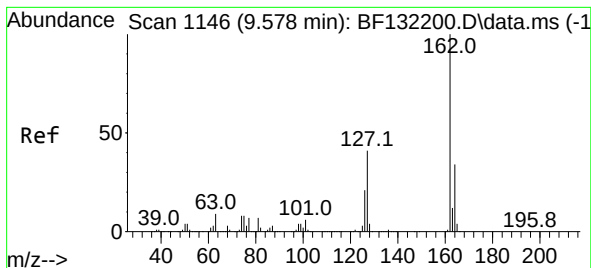
Tgt Ion:172 Resp: 1029505
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.6
170 24.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 47.615 ng
RT: 9.548 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:154 Resp: 811188
Ion Ratio Lower Upper
154 100
153 39.6 20.6 60.6
76 12.9 0.0 34.2





#47

2-Chloronaphthalene

Concen: 46.957 ng

RT: 9.578 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

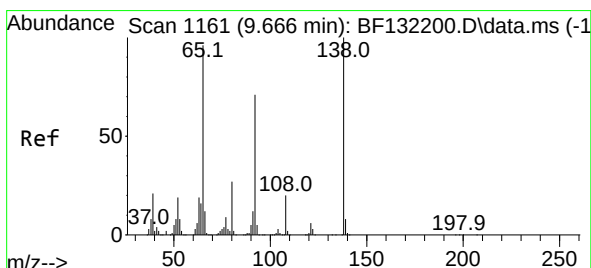
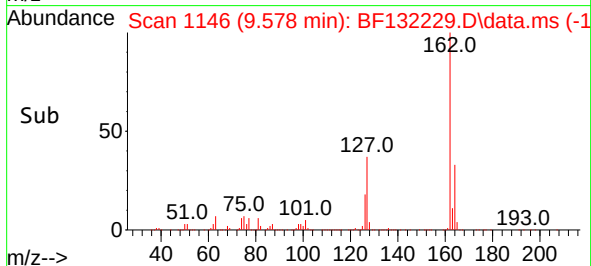
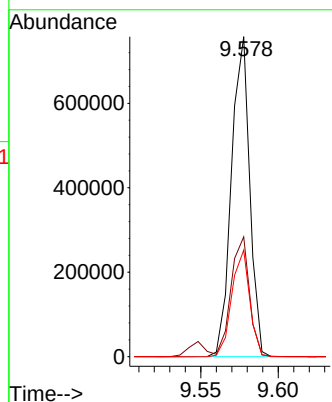
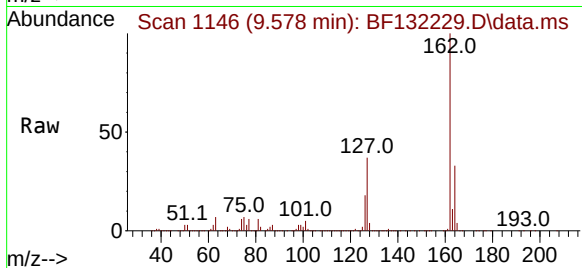
Tgt Ion:162 Resp: 620901

Ion Ratio Lower Upper

162 100

127 37.5 32.7 49.1

164 33.3 27.3 40.9



#48

2-Nitroaniline

Concen: 45.849 ng

RT: 9.666 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

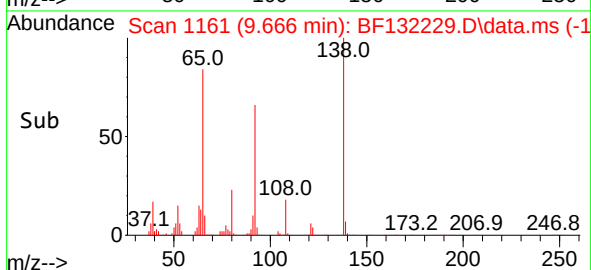
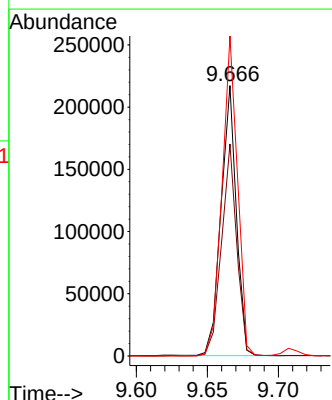
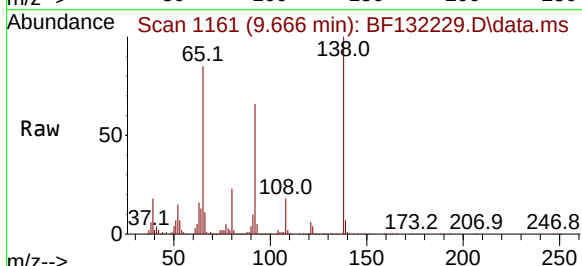
Tgt Ion: 65 Resp: 162814

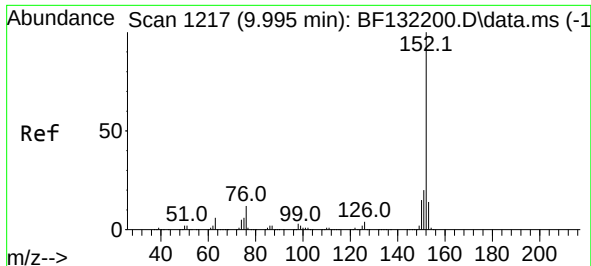
Ion Ratio Lower Upper

65 100

92 78.4 59.2 88.8

138 118.3 83.7 125.5





#49

Acenaphthylene

Concen: 45.256 ng

RT: 9.995 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

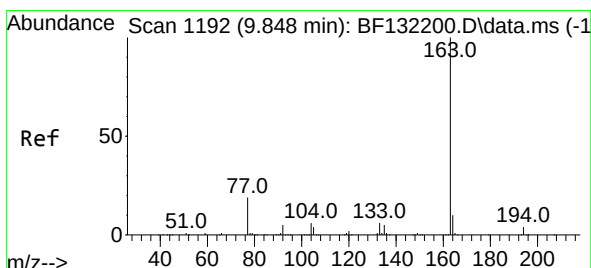
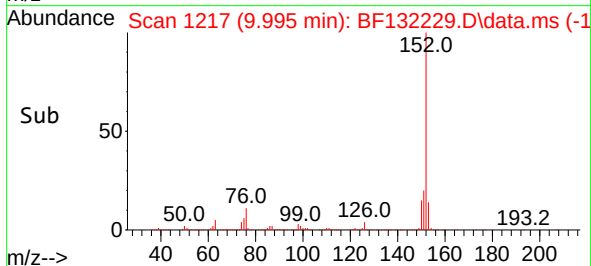
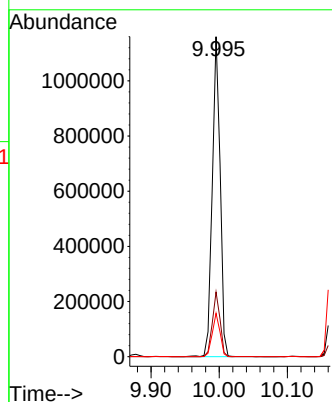
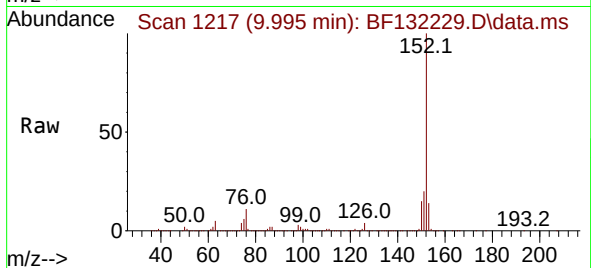
Tgt Ion:152 Resp: 929760

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.6 10.9 16.3



#50

Dimethylphthalate

Concen: 47.186 ng

RT: 9.842 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

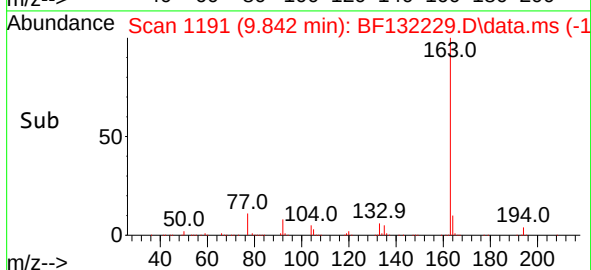
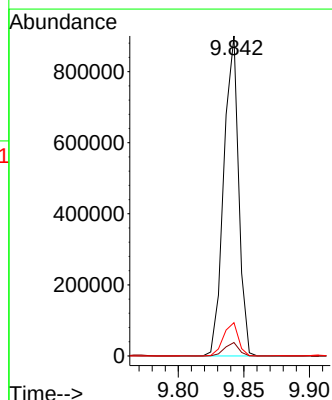
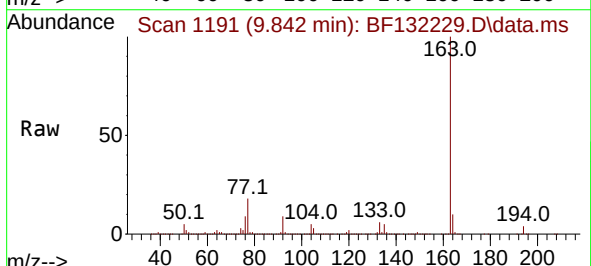
Tgt Ion:163 Resp: 707925

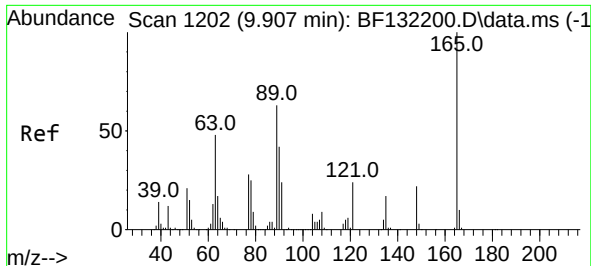
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.3 12.5

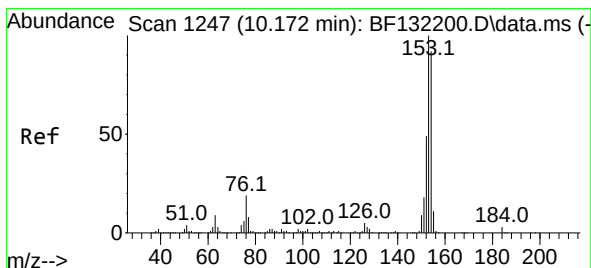
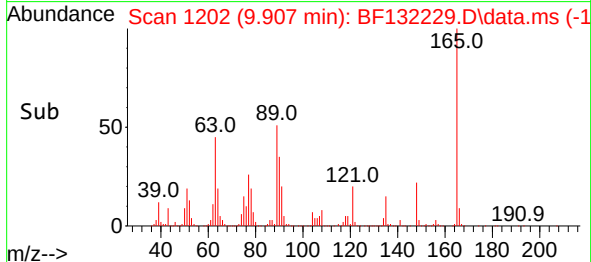
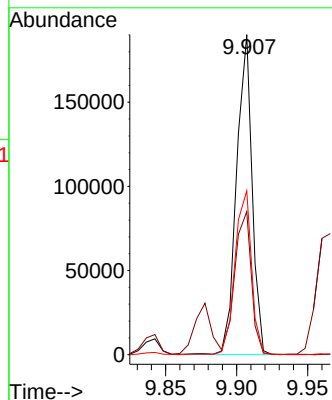
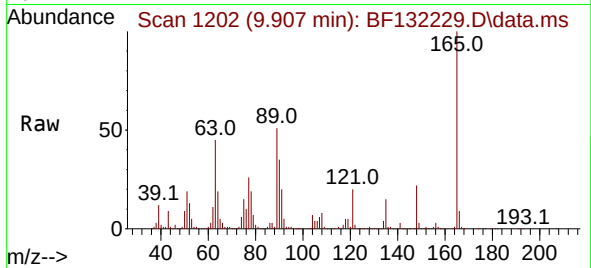




#51
2,6-Dinitrotoluene
Concen: 45.293 ng
RT: 9.907 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

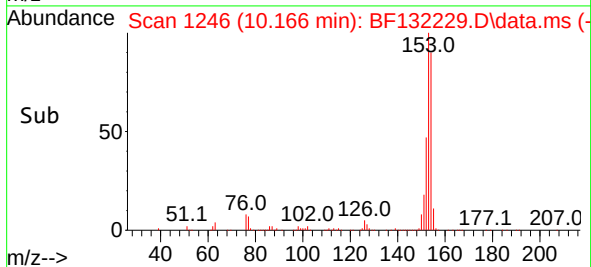
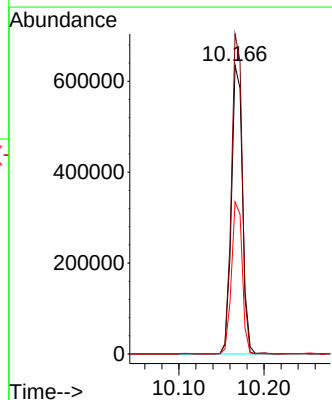
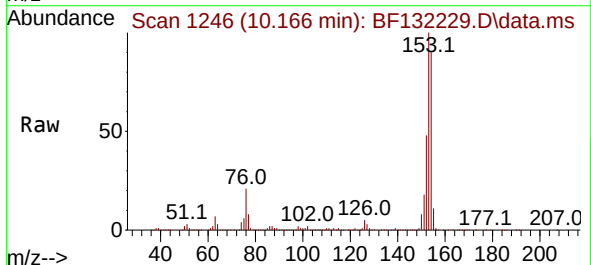
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

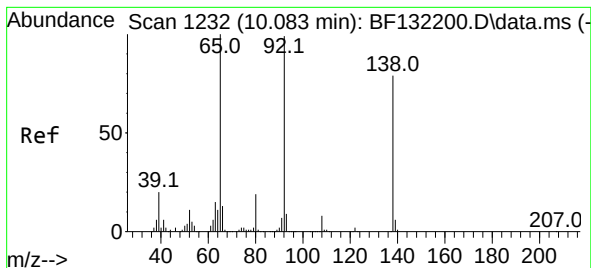
Tgt Ion:165 Resp: 144364
Ion Ratio Lower Upper
165 100
63 44.7 46.1 69.1#
89 51.2 50.3 75.5



#52
Acenaphthene
Concen: 45.130 ng
RT: 10.166 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:154 Resp: 570057
Ion Ratio Lower Upper
154 100
153 110.9 87.3 130.9
152 52.7 43.2 64.8

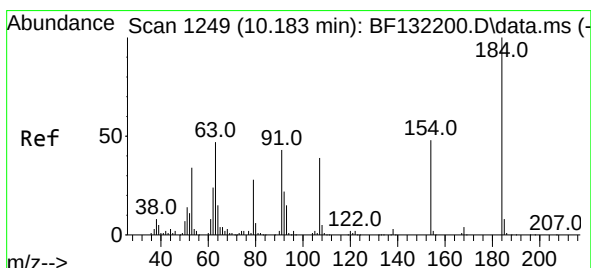
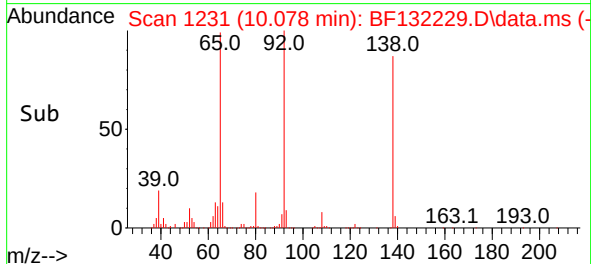
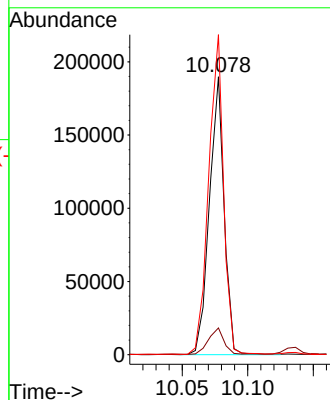
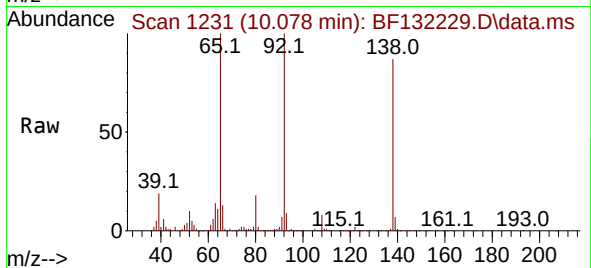




#53
3-Nitroaniline
Concen: 42.233 ng
RT: 10.078 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

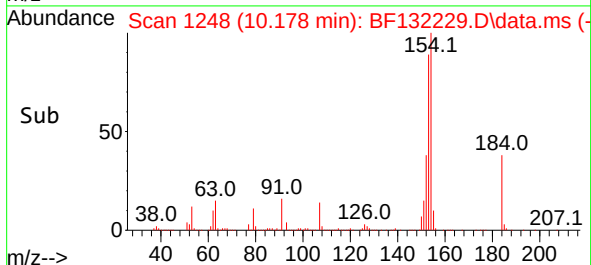
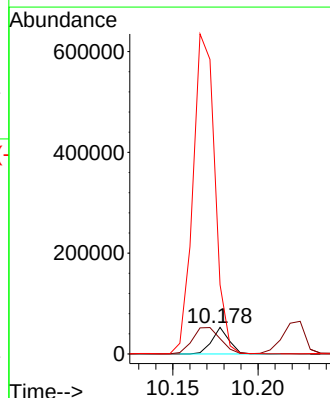
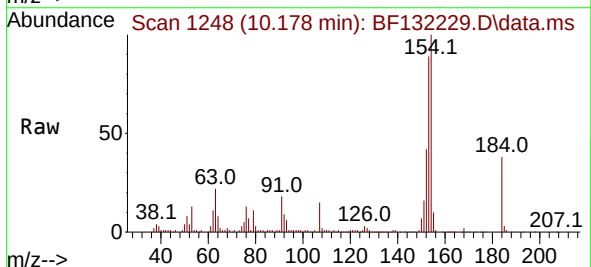
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

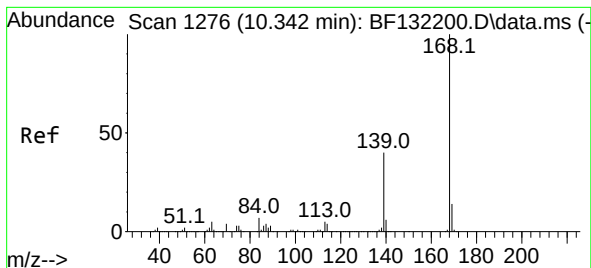
Tgt Ion:138 Resp: 148953
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 115.1 100.2 150.2



#54
2,4-Dinitrophenol
Concen: 27.387 ng
RT: 10.178 min Scan# 1248
Delta R.T. -0.005 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:184 Resp: 36956
Ion Ratio Lower Upper
184 100
63 58.0 39.8 59.6
154 261.0 54.2 81.2#





#55

Dibenzofuran

Concen: 44.417 ng

RT: 10.342 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

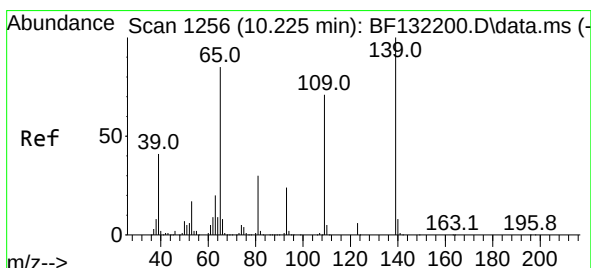
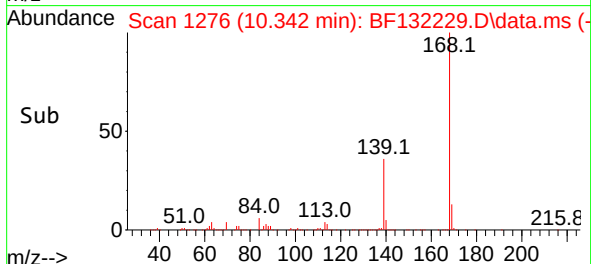
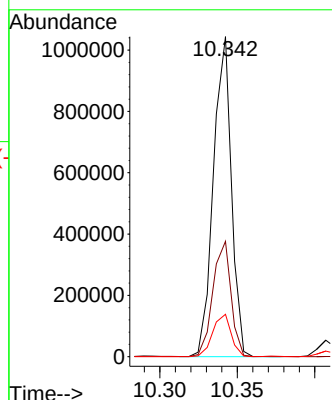
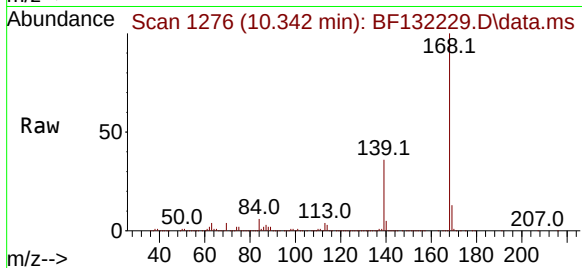
Tgt Ion:168 Resp: 840520

Ion Ratio Lower Upper

168 100

139 36.0 31.7 47.5

169 13.2 11.1 16.7



#56

4-Nitrophenol

Concen: 99.347 ng

RT: 10.225 min Scan# 1256

Delta R.T. -0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

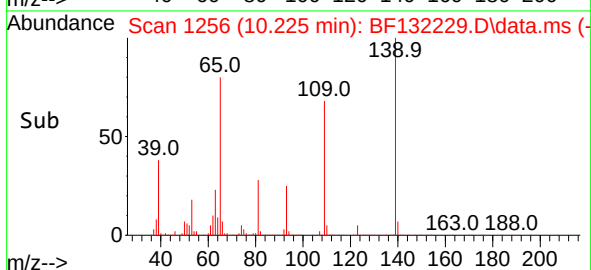
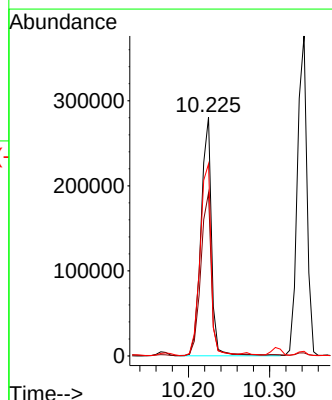
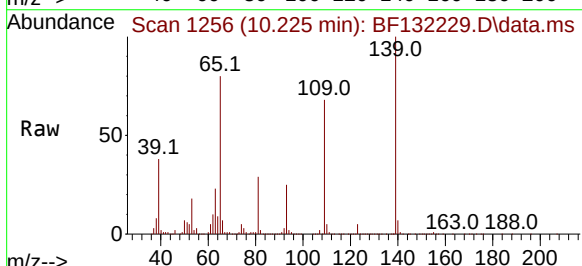
Tgt Ion:139 Resp: 253153

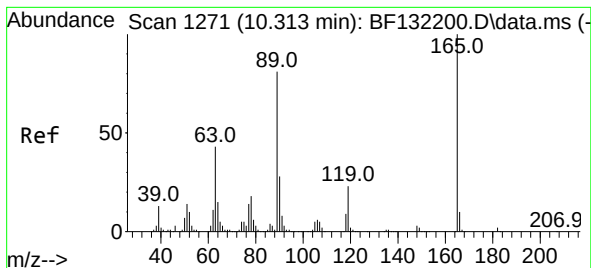
Ion Ratio Lower Upper

139 100

109 68.3 50.8 90.8

65 80.5 65.5 105.5

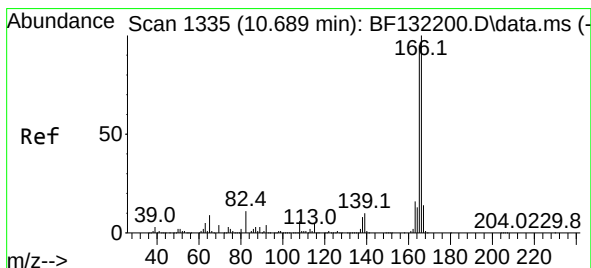
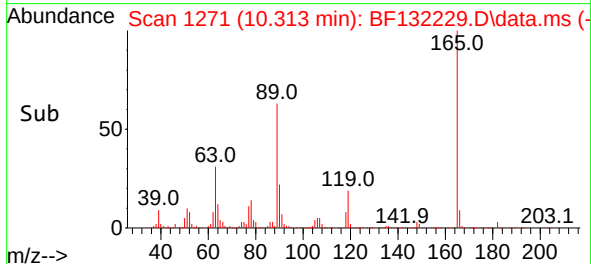
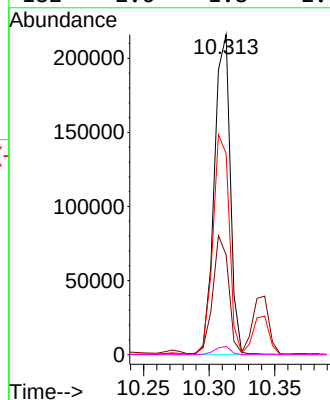
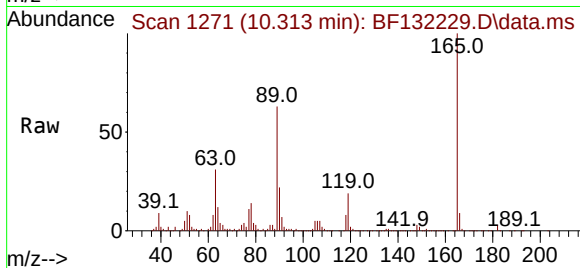




#57
2,4-Dinitrotoluene
Concen: 46.360 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

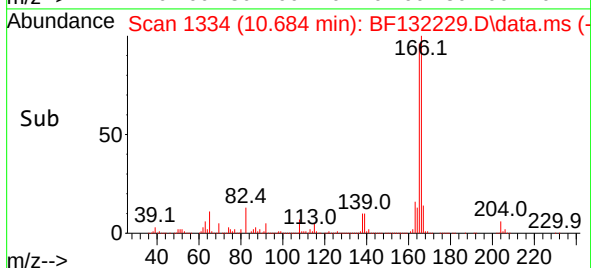
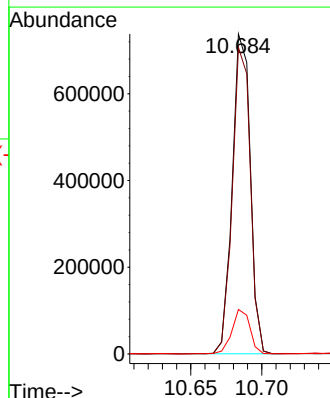
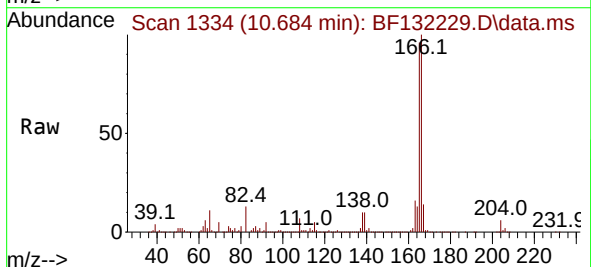
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

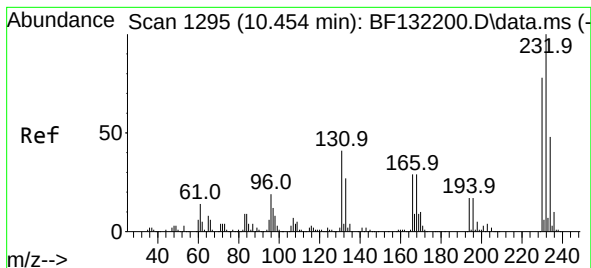
Tgt Ion:165 Resp: 181911
Ion Ratio Lower Upper
165 100
63 31.2 34.2 51.2#
89 62.9 65.1 97.7#
182 2.6 1.8 2.6



#58
Fluorene
Concen: 45.009 ng
RT: 10.684 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:166 Resp: 650567
Ion Ratio Lower Upper
166 100
165 95.8 76.3 114.5
167 13.9 10.9 16.3

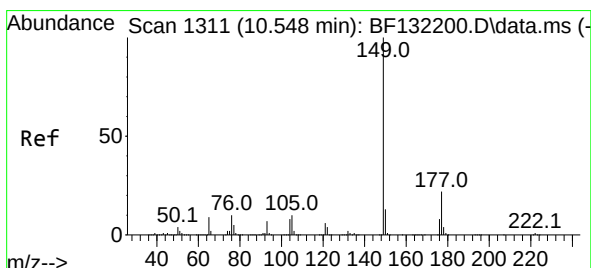
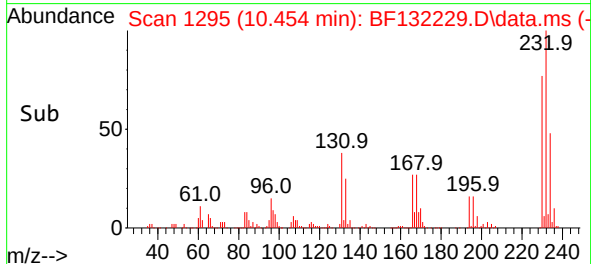
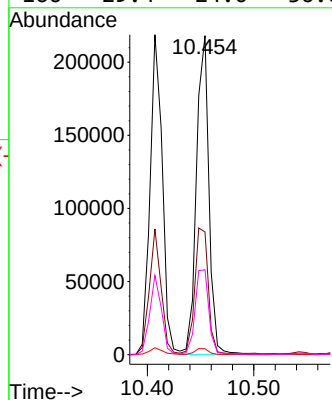
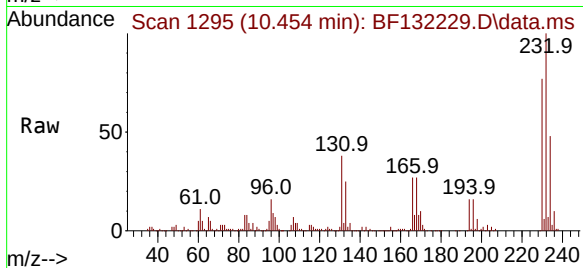




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.217 ng
RT: 10.454 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

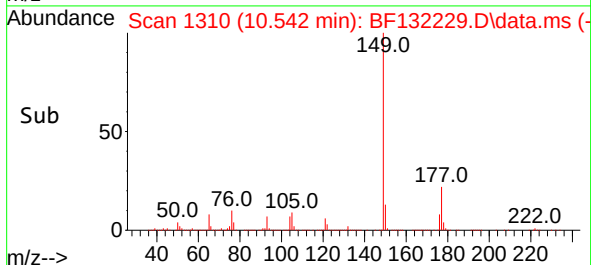
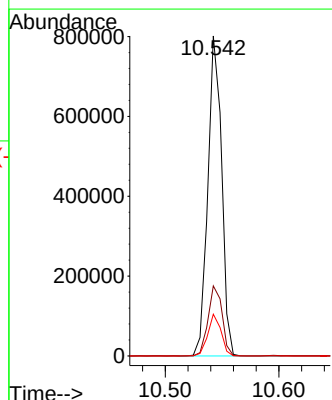
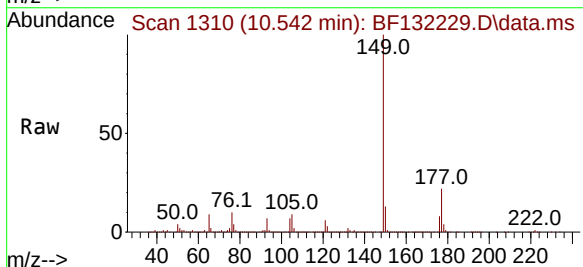
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

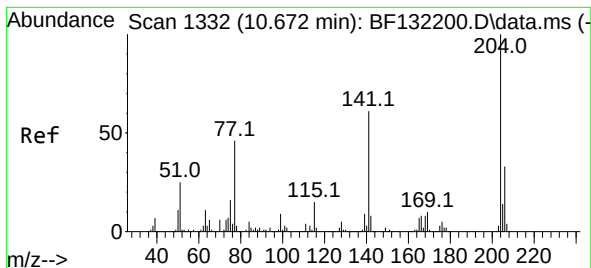
Tgt Ion:232 Resp: 177854
Ion Ratio Lower Upper
232 100
131 43.0 35.1 52.7
130 2.2 1.7 2.5
166 29.4 24.0 36.0



#60
Diethylphthalate
Concen: 45.972 ng
RT: 10.542 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:149 Resp: 672333
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 13.0 10.2 15.4

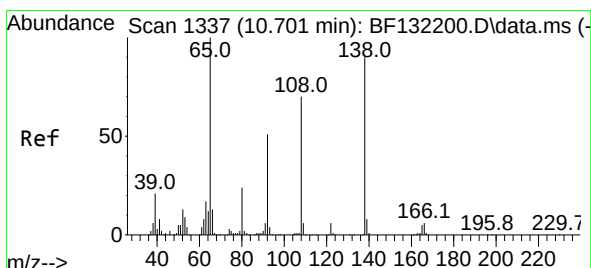
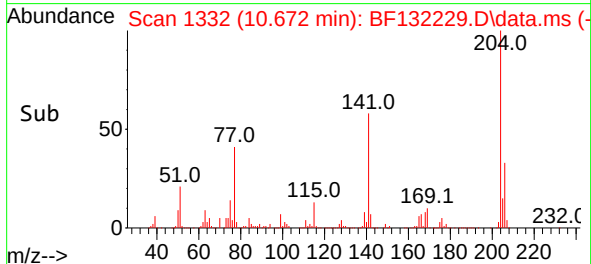
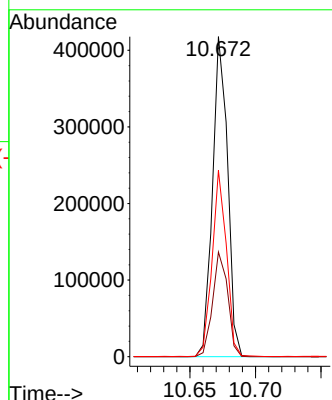
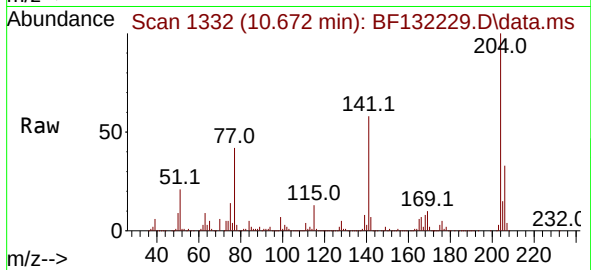




#61
4-Chlorophenyl-phenylether
Concen: 43.720 ng
RT: 10.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

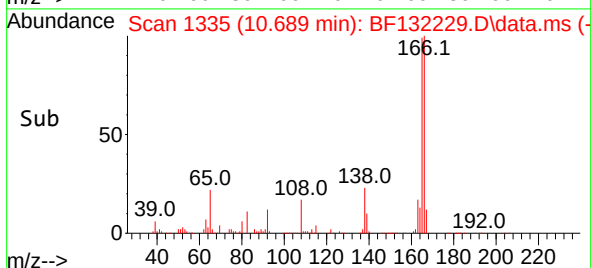
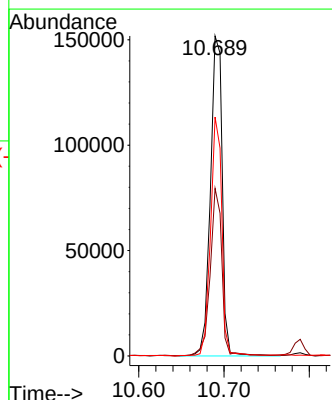
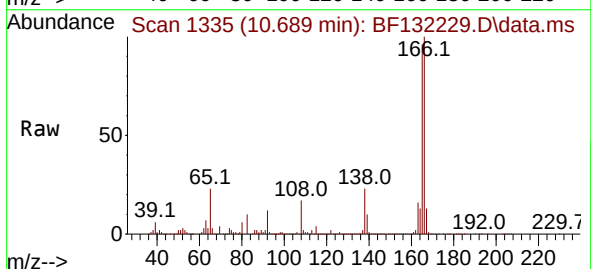
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

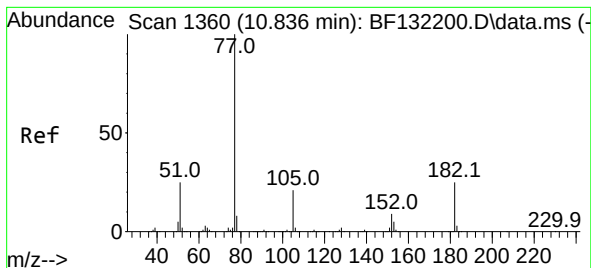
Tgt Ion:204 Resp: 333361
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 58.2 49.2 73.8



#62
4-Nitroaniline
Concen: 44.254 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:138 Resp: 146445
Ion Ratio Lower Upper
138 100
92 52.4 36.0 76.0
108 74.7 57.9 97.9





#63

Azobenzene

Concen: 41.253 ng

RT: 10.836 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

Tgt Ion: 77 Resp: 636689

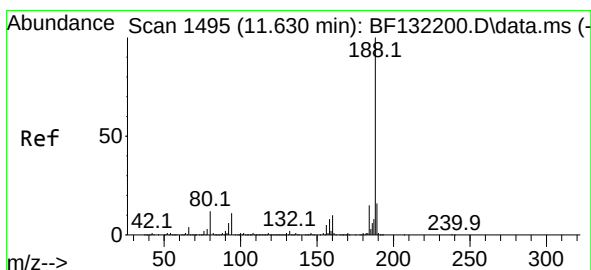
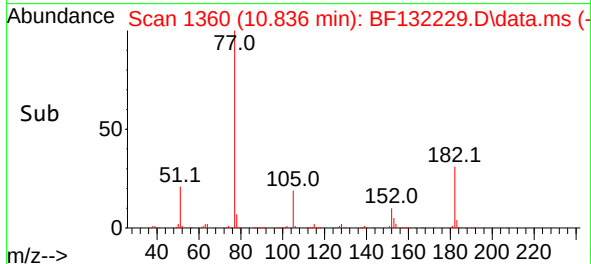
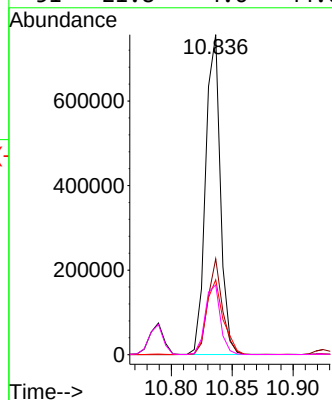
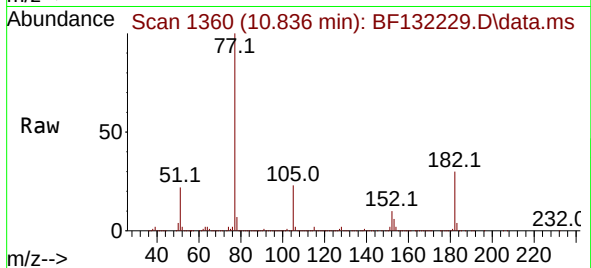
Ion Ratio Lower Upper

77 100

182 30.0 4.7 44.7

105 23.4 1.1 41.1

51 21.8 4.6 44.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.631 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

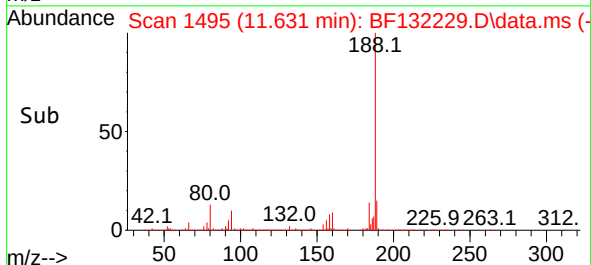
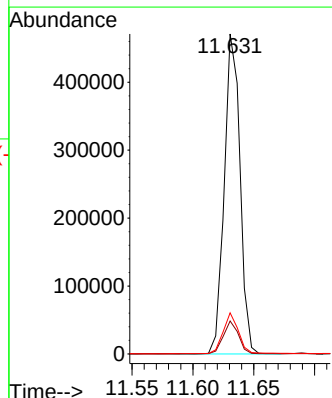
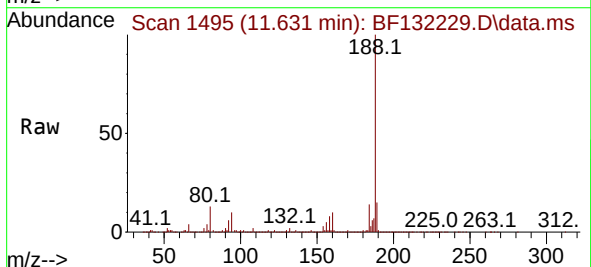
Tgt Ion:188 Resp: 424605

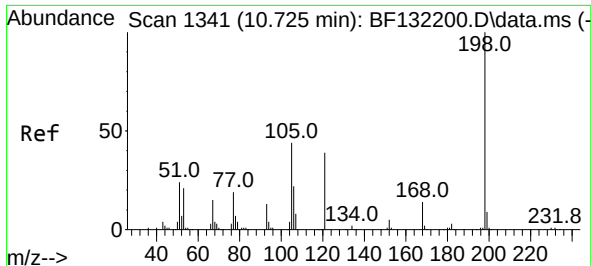
Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

80 12.9 9.2 13.8

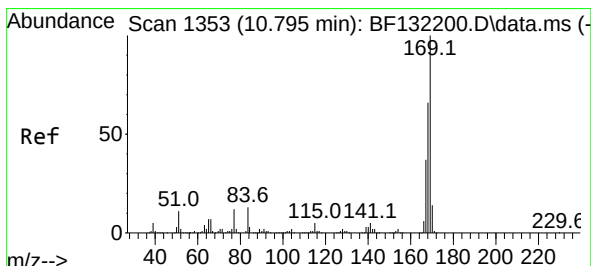
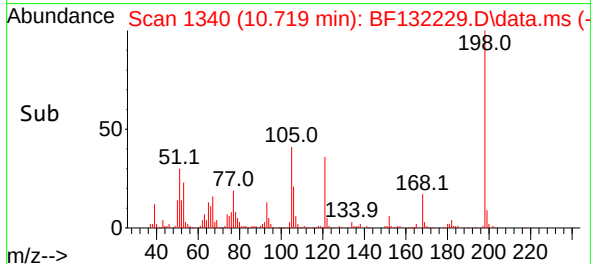
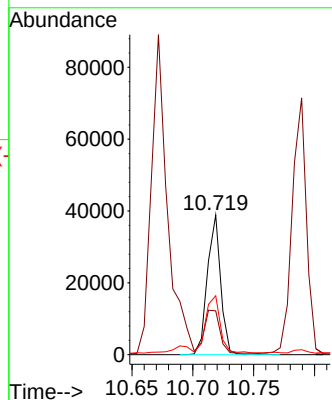
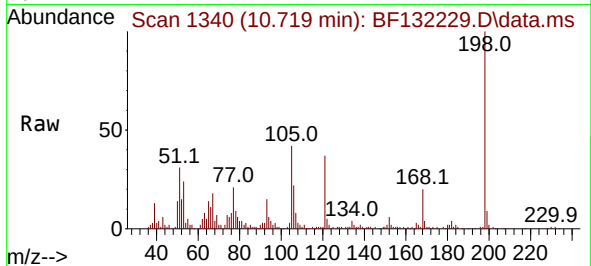




#65
4,6-Dinitro-2-methylphenol
Concen: 17.267 ng
RT: 10.719 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

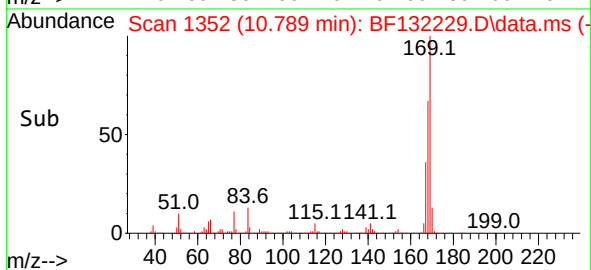
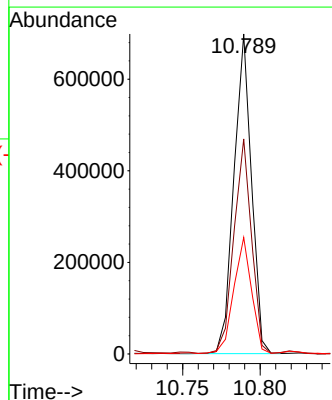
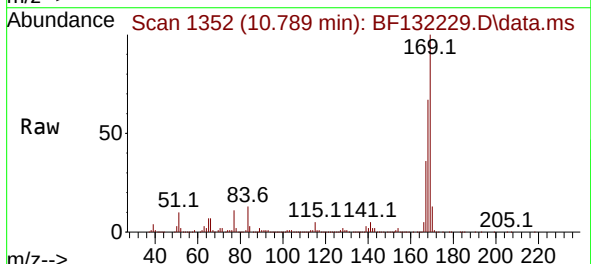
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

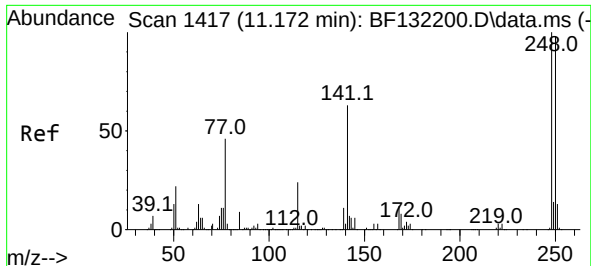
Tgt Ion:198 Resp: 29518
Ion Ratio Lower Upper
198 100
51 31.4 14.9 54.9
105 42.2 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 41.145 ng
RT: 10.789 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:169 Resp: 548614
Ion Ratio Lower Upper
169 100
168 67.2 53.1 79.7
167 36.4 29.7 44.5

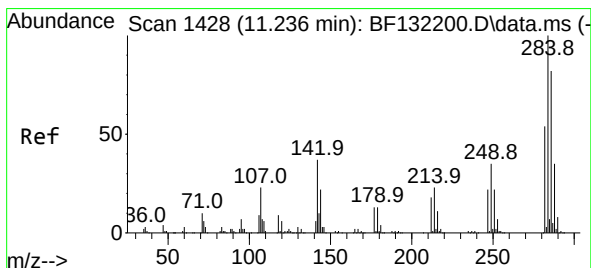
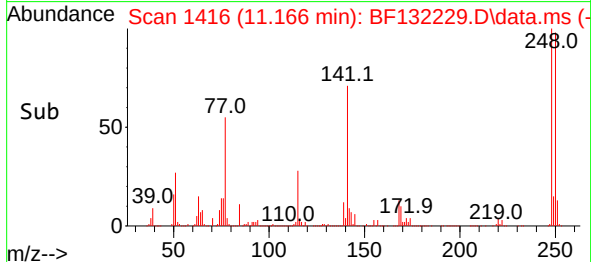
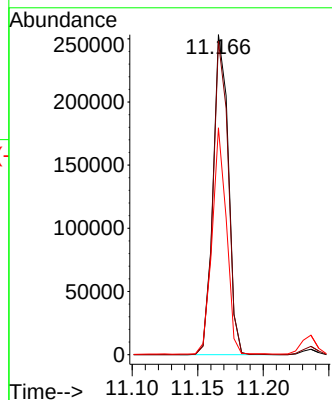
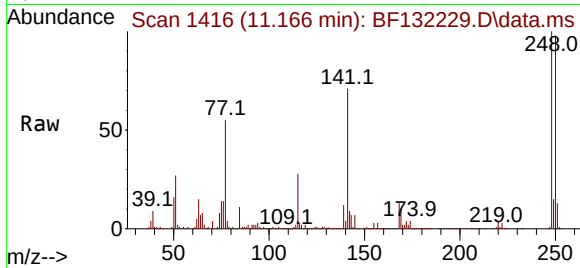




#67
4-Bromophenyl-phenylether
Concen: 42.069 ng
RT: 11.166 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

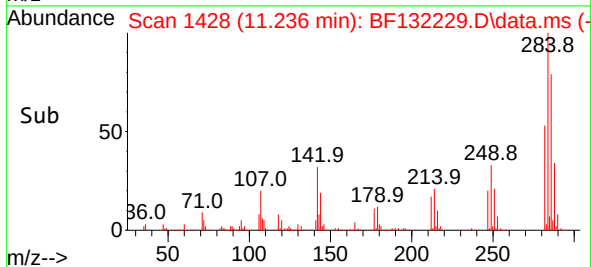
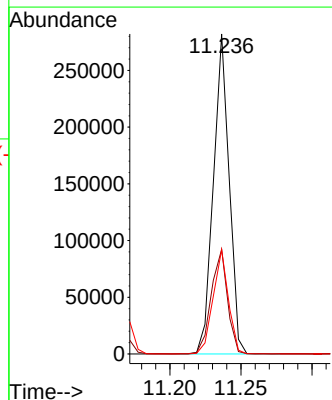
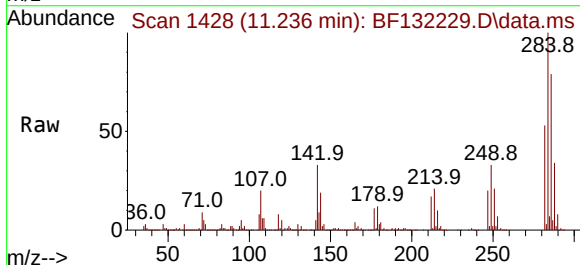
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

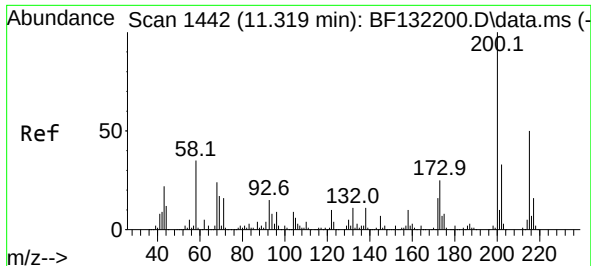
Tgt Ion:248 Resp: 205641
Ion Ratio Lower Upper
248 100
250 98.0 78.5 117.7
141 70.9 50.2 75.4



#68
Hexachlorobenzene
Concen: 44.932 ng
RT: 11.236 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:284 Resp: 217630
Ion Ratio Lower Upper
284 100
142 32.7 29.4 44.2
249 32.6 27.8 41.8

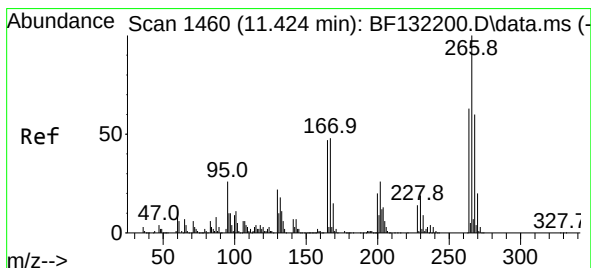
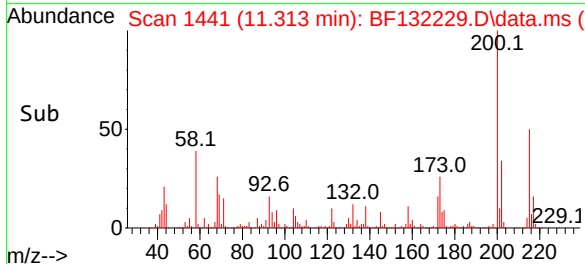
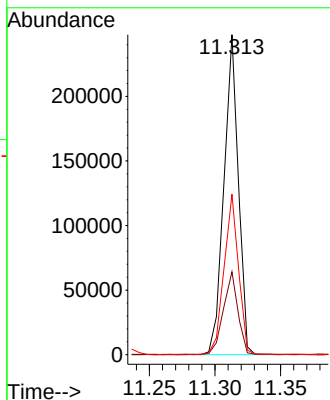
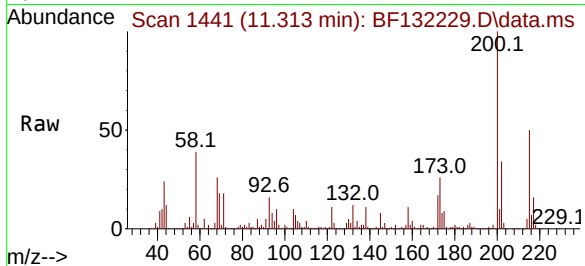




#69
 Atrazine
 Concen: 49.425 ng
 RT: 11.313 min Scan# 1441
 Delta R.T. -0.006 min
 Lab File: BF132229.D
 Acq: 31 Jan 2023 01:08

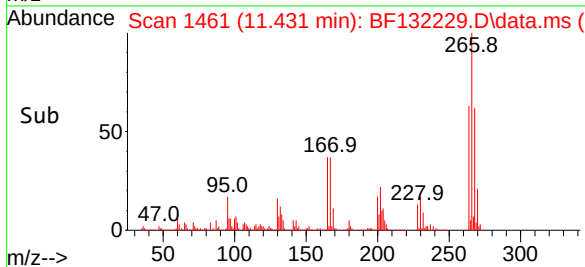
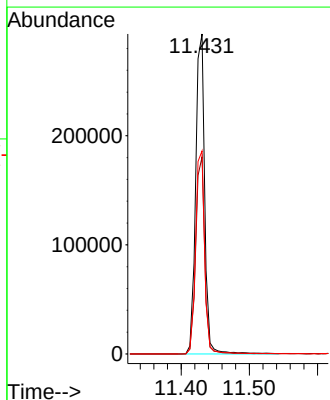
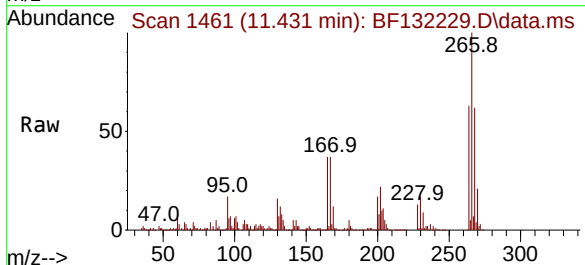
Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MSD

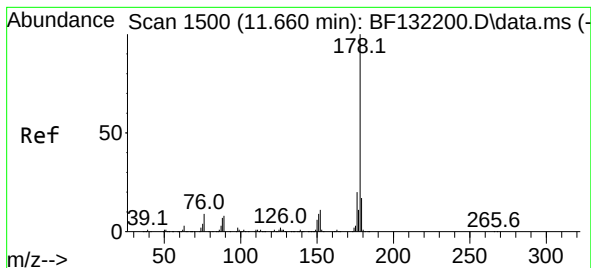
Tgt Ion:200 Resp: 189149
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.2 45.2
 215 50.1 29.8 69.8



#70
 Pentachlorophenol
 Concen: 84.302 ng
 RT: 11.431 min Scan# 1461
 Delta R.T. 0.007 min
 Lab File: BF132229.D
 Acq: 31 Jan 2023 01:08

Tgt Ion:266 Resp: 269504
 Ion Ratio Lower Upper
 266 100
 268 61.6 48.2 72.4
 264 63.5 50.7 76.1





#71

Phenanthrene

Concen: 62.551 ng

RT: 11.660 min Scan# 1500

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

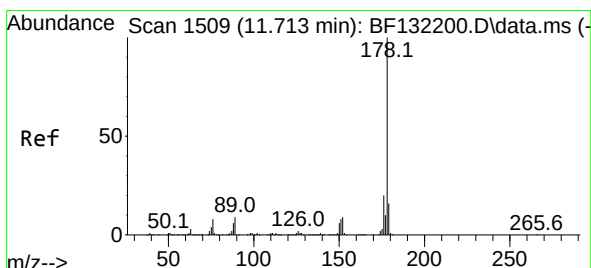
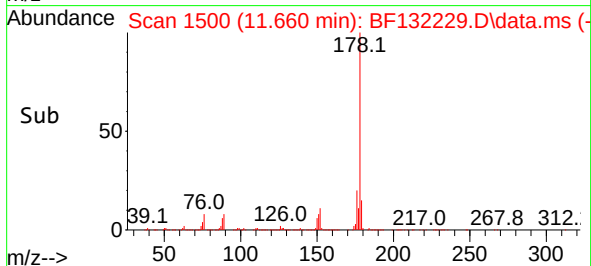
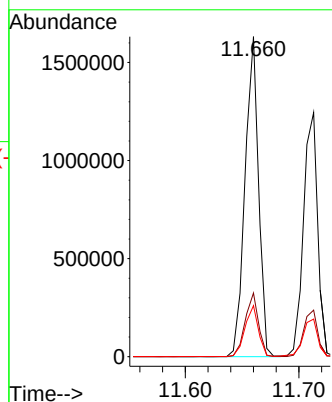
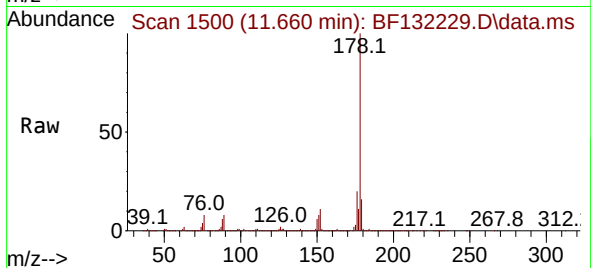
Tgt Ion:178 Resp: 1351128

Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

179 15.9 13.3 19.9



#72

Anthracene

Concen: 49.249 ng

RT: 11.713 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

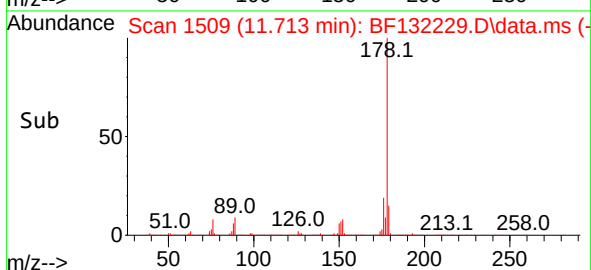
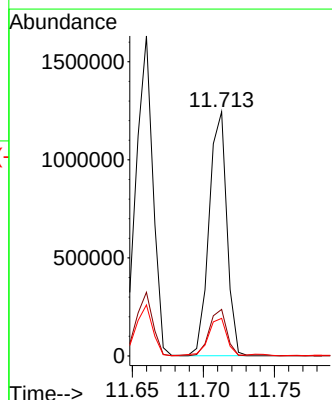
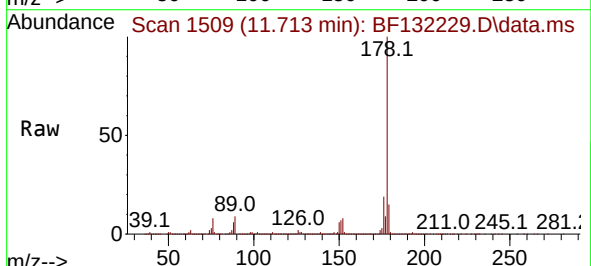
Tgt Ion:178 Resp: 1083266

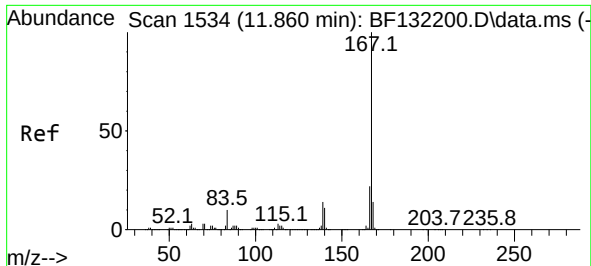
Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

179 15.4 13.0 19.6

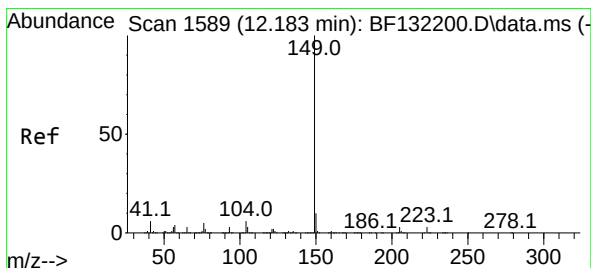
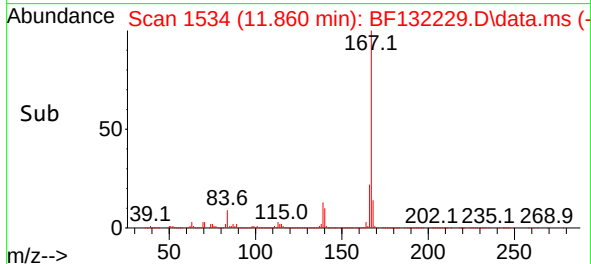
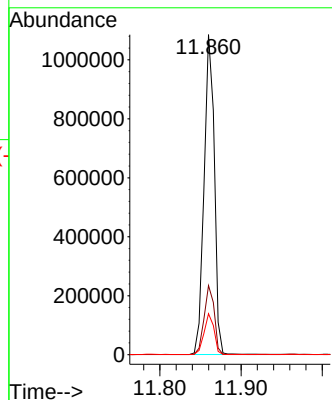
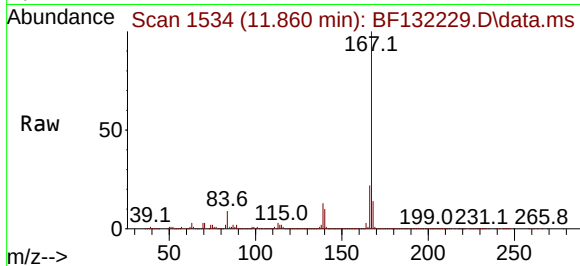




#73
 Carbazole
 Concen: 50.371 ng
 RT: 11.860 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF132229.D
 Acq: 31 Jan 2023 01:08

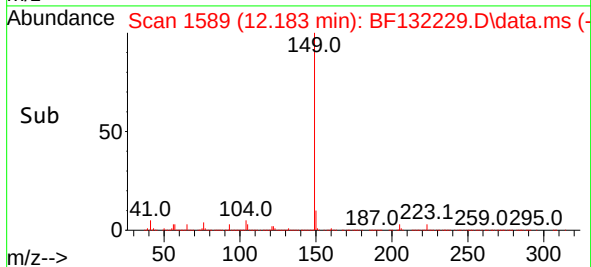
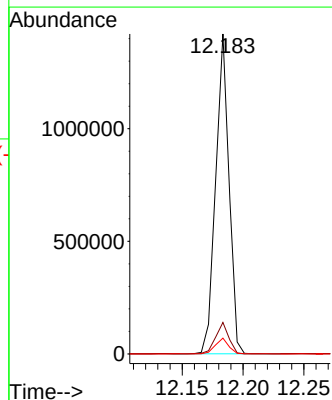
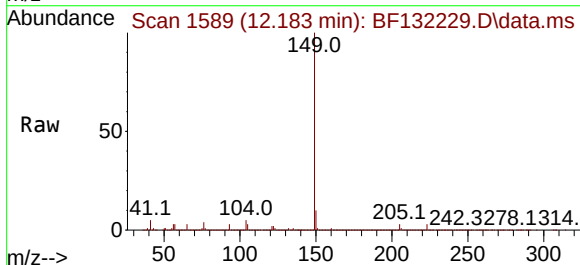
Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MSD

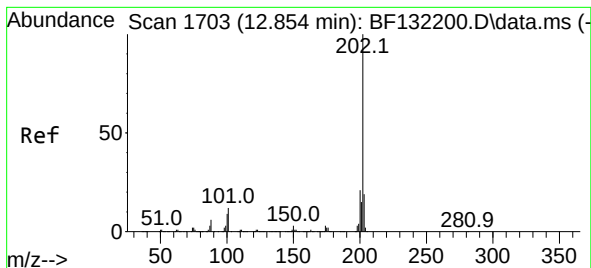
Tgt Ion:167 Resp: 951803
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 12.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 50.411 ng
 RT: 12.183 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF132229.D
 Acq: 31 Jan 2023 01:08

Tgt Ion:149 Resp: 1083694
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.0 12.0
 104 5.0 4.6 7.0





#75

Fluoranthene

Concen: 83.104 ng

RT: 12.860 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

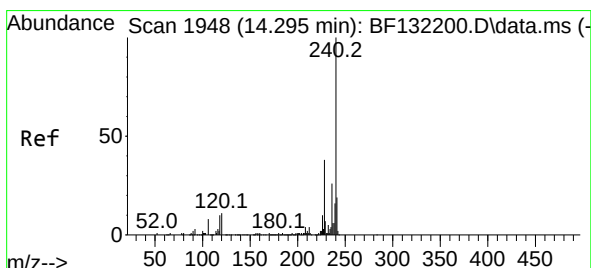
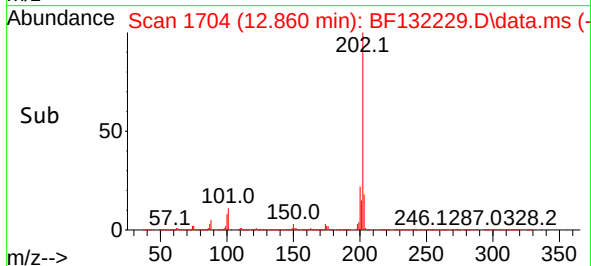
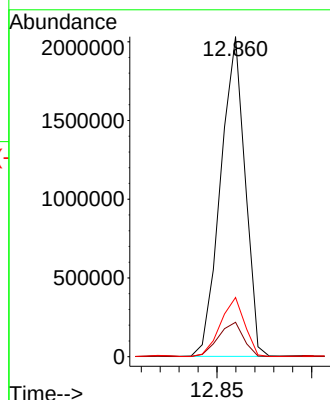
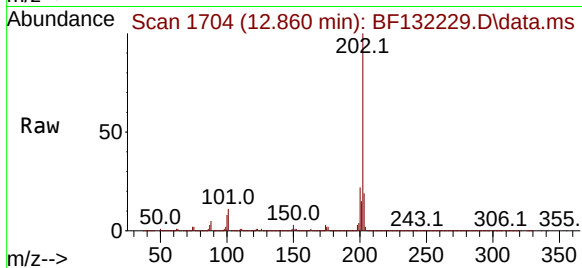
Tgt Ion:202 Resp: 1826479

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.5

203 18.5 0.0 38.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.301 min Scan# 1949

Delta R.T. 0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

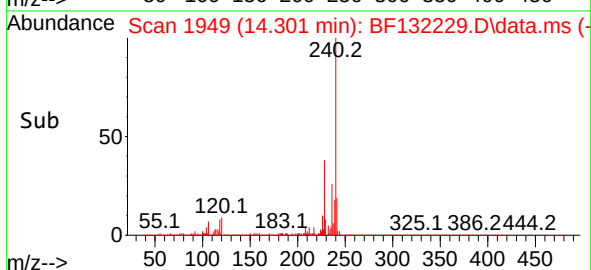
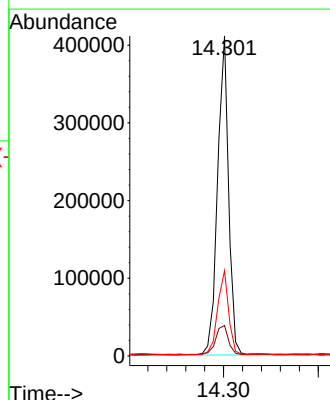
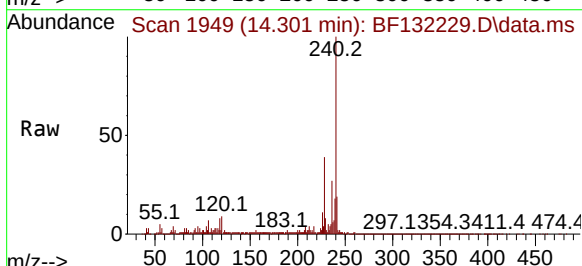
Tgt Ion:240 Resp: 331058

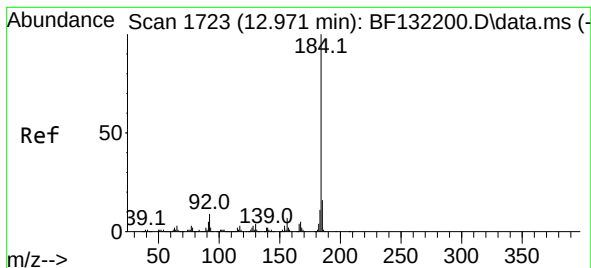
Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.4

236 26.6 20.8 31.2





#77

Benzidine

Concen: 46.955 ng

RT: 12.972 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

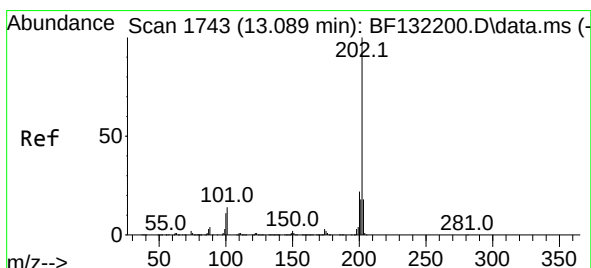
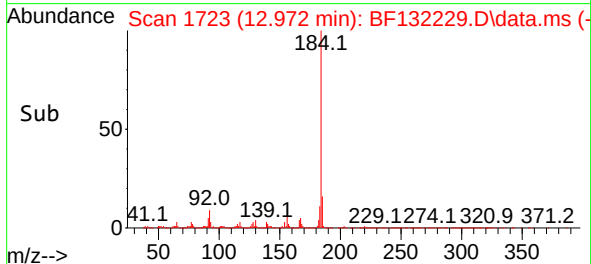
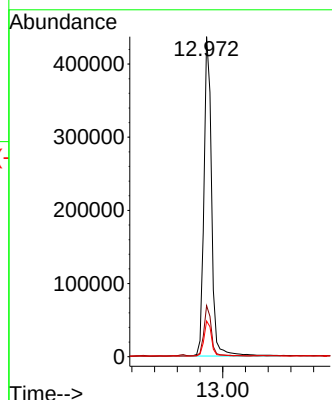
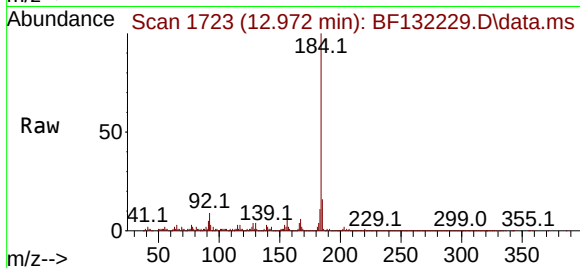
Tgt Ion:184 Resp: 405746

Ion Ratio Lower Upper

184 100

185 15.9 13.2 19.8

183 11.2 8.8 13.2



#78

Pyrene

Concen: 59.079 ng

RT: 13.095 min Scan# 1744

Delta R.T. 0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

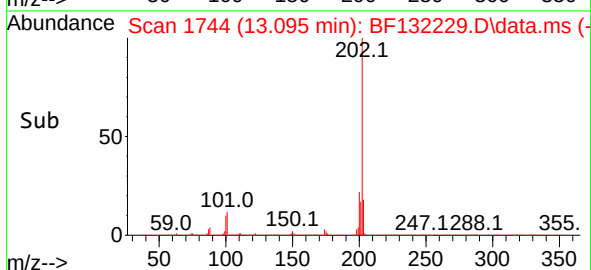
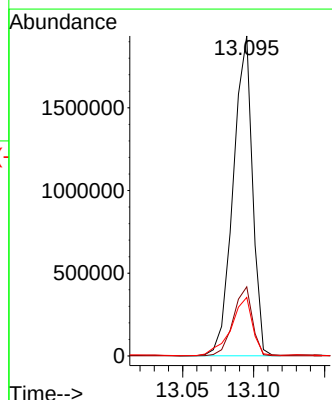
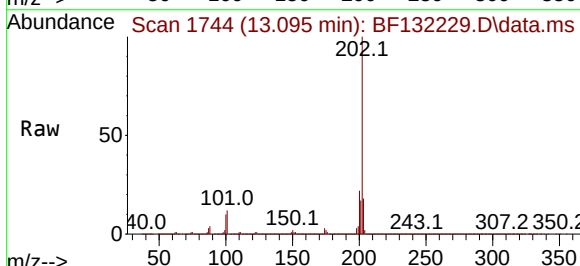
Tgt Ion:202 Resp: 1832559

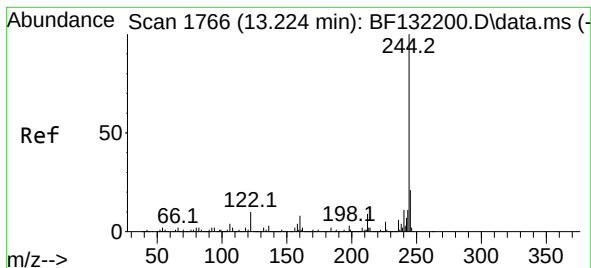
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 18.3 14.7 22.1





#79

Terphenyl-d14

Concen: 56.384 ng

RT: 13.225 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

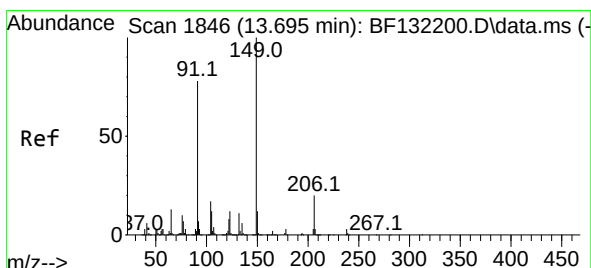
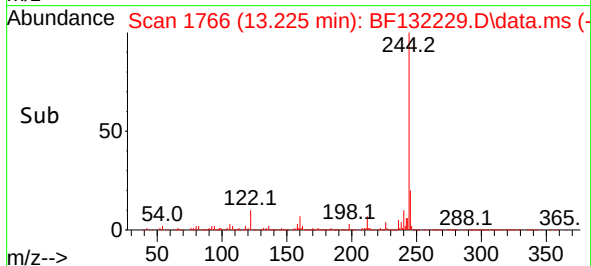
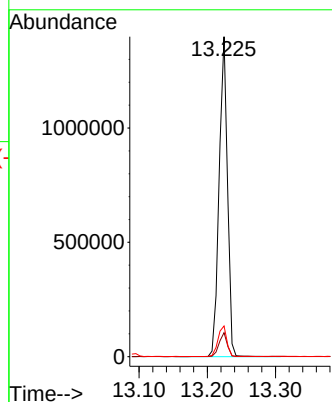
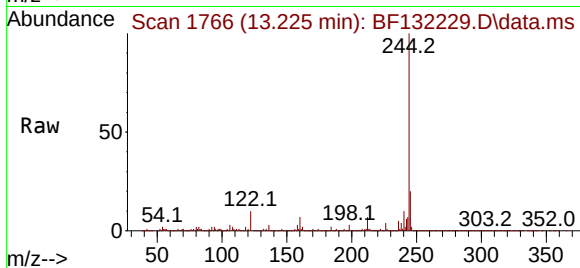
Tgt Ion:244 Resp: 1188090

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 9.6 8.3 12.5



#80

Butylbenzylphthalate

Concen: 48.163 ng

RT: 13.701 min Scan# 1847

Delta R.T. 0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

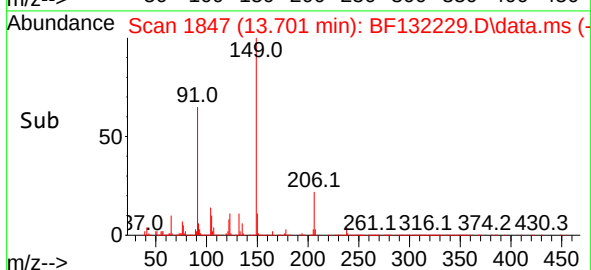
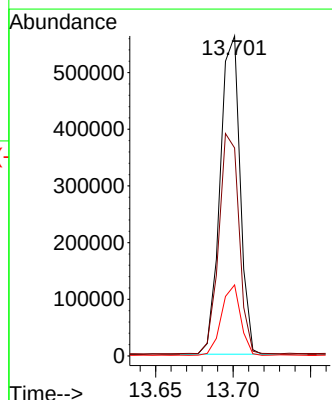
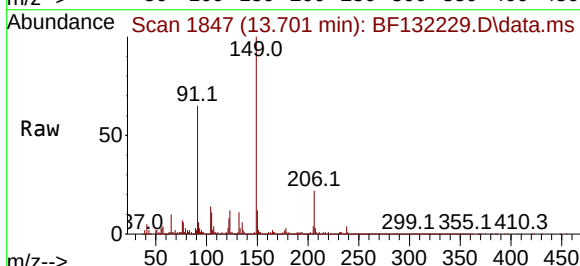
Tgt Ion:149 Resp: 502606

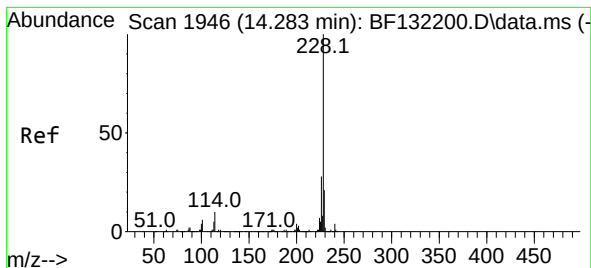
Ion Ratio Lower Upper

149 100

91 65.0 62.1 93.1

206 22.2 15.8 23.8





#81

Benzo(a)anthracene

Concen: 58.381 ng

RT: 14.289 min Scan# 1947

Delta R.T. 0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

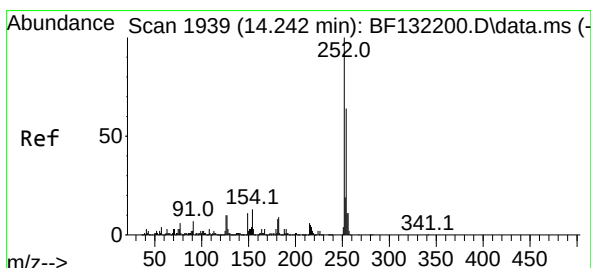
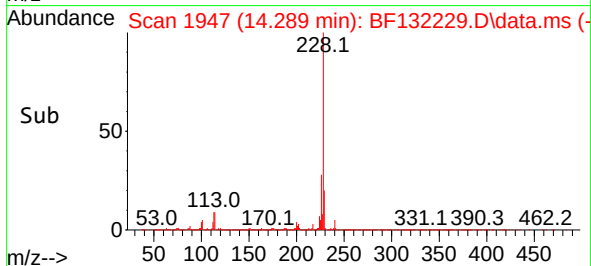
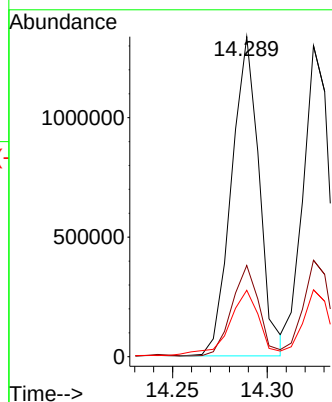
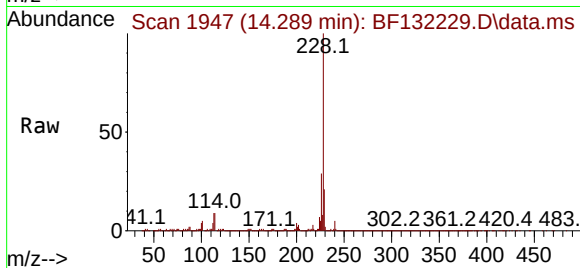
Tgt Ion:228 Resp: 1358920

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

229 20.7 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 49.535 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

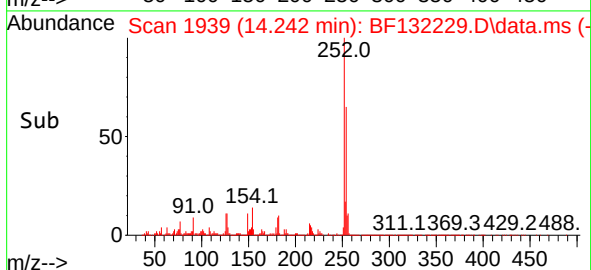
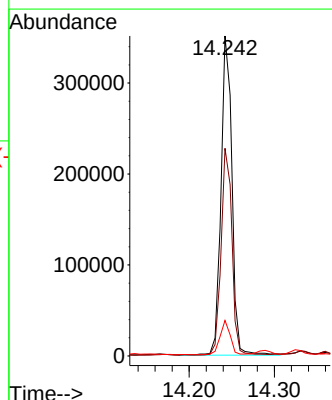
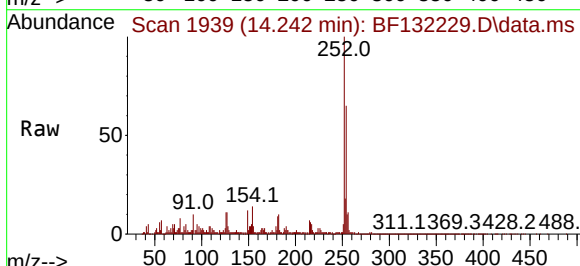
Tgt Ion:252 Resp: 312459

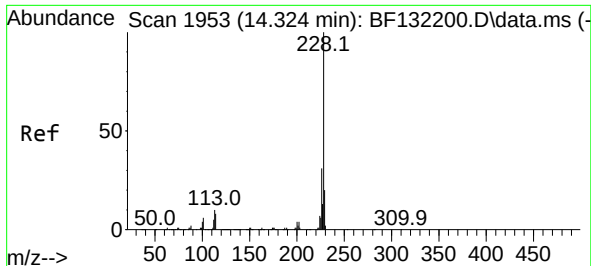
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 11.1 8.0 12.0

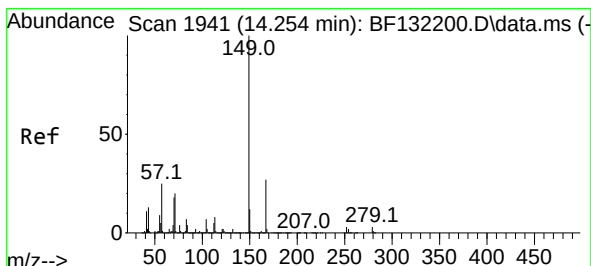
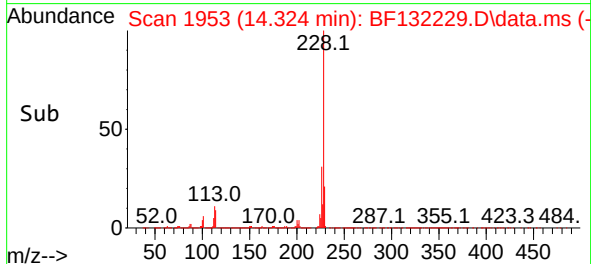
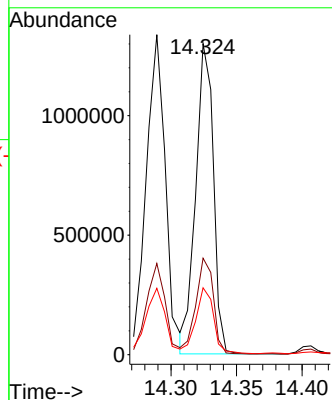
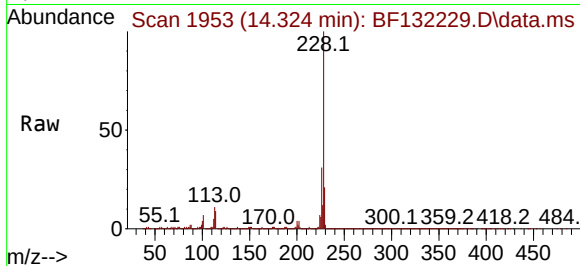




#83
Chrysene
Concen: 56.209 ng
RT: 14.324 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

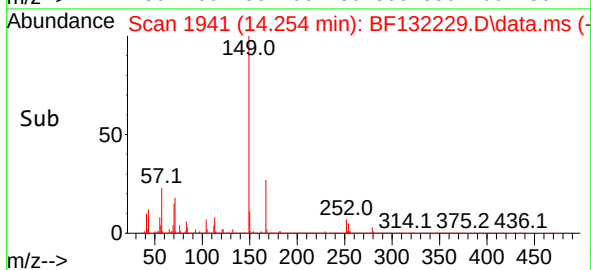
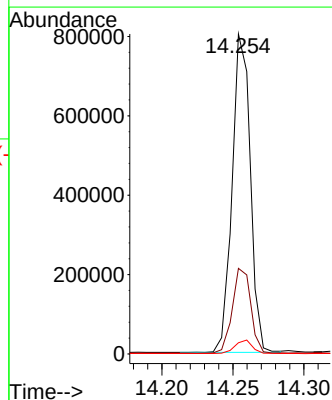
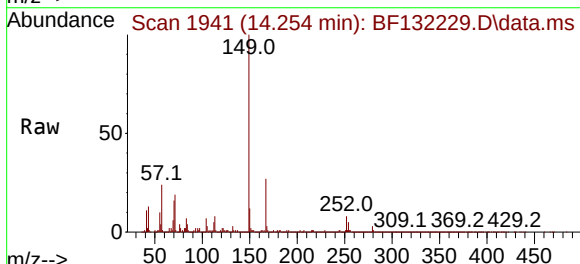
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MSD

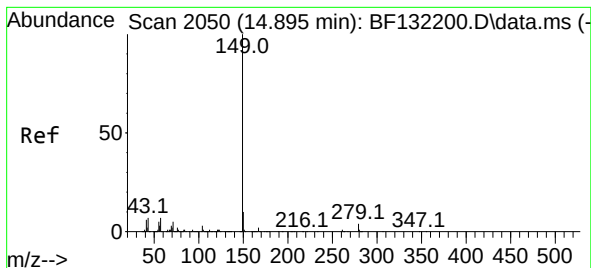
Tgt Ion:228 Resp: 1219291
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 21.5 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.878 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF132229.D
Acq: 31 Jan 2023 01:08

Tgt Ion:149 Resp: 715165
Ion Ratio Lower Upper
149 100
167 26.8 21.7 32.5
279 3.5 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 56.438 ng

RT: 14.895 min Scan# 2050

Delta R.T. 0.000 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

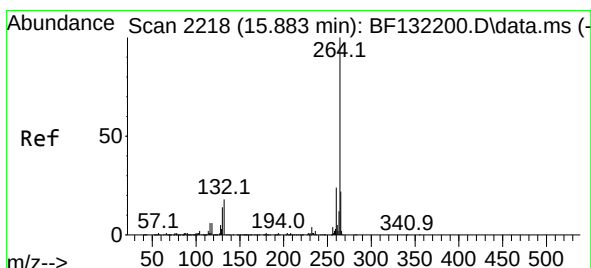
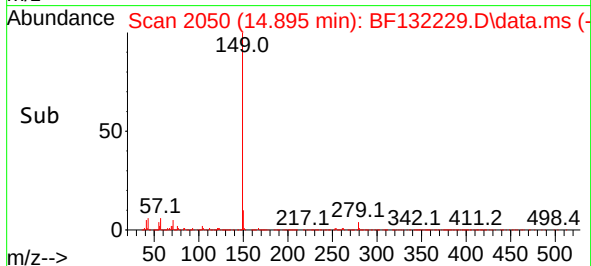
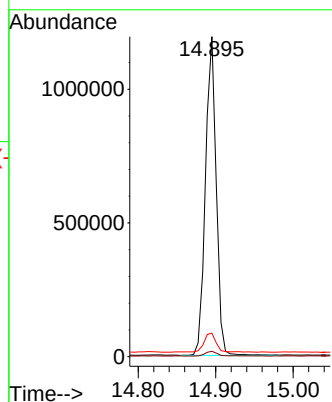
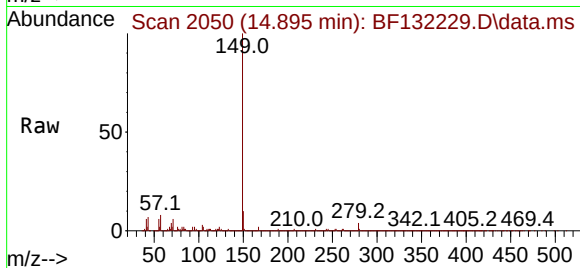
Tgt Ion:149 Resp: 1148897

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.4 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 2220

Delta R.T. 0.012 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

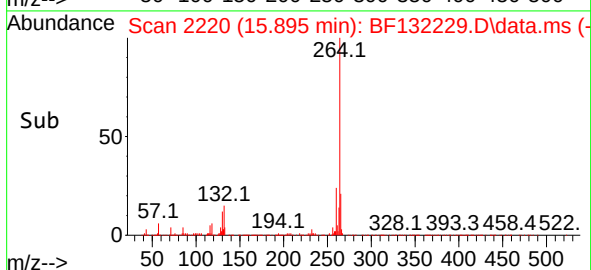
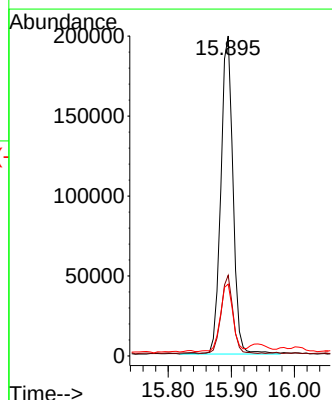
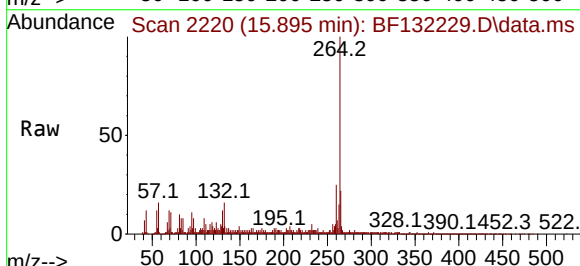
Tgt Ion:264 Resp: 266663

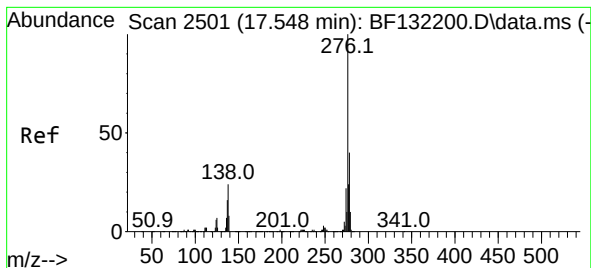
Ion Ratio Lower Upper

264 100

260 25.2 18.8 28.2

265 22.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.995 ng

RT: 17.560 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

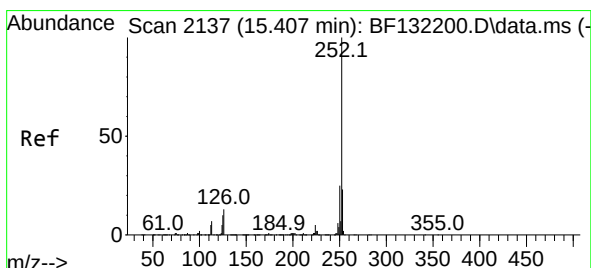
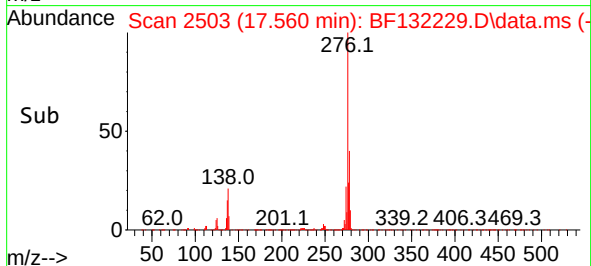
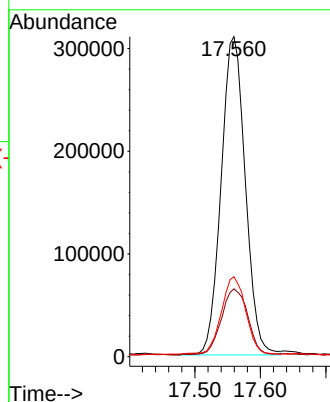
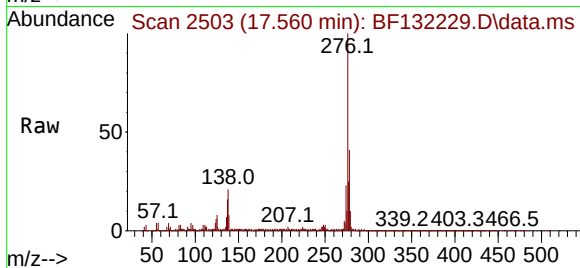
Tgt Ion:276 Resp: 793292

Ion Ratio Lower Upper

276 100

138 22.1 21.0 31.6

277 24.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 67.650 ng

RT: 15.413 min Scan# 2138

Delta R.T. 0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

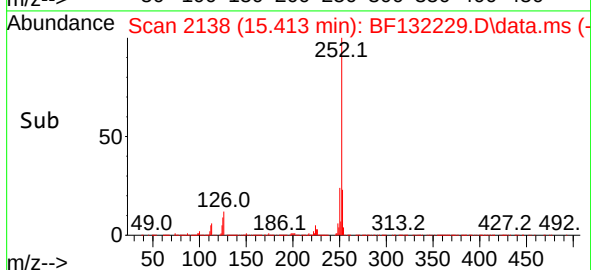
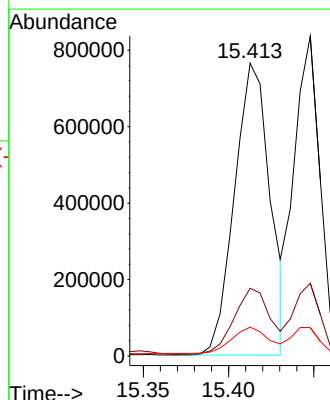
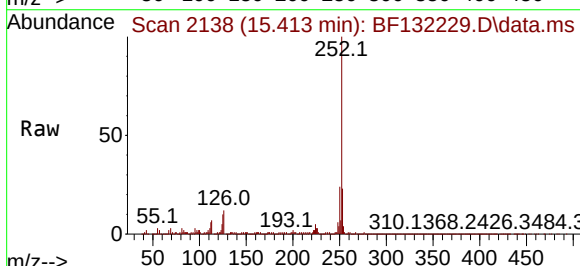
Tgt Ion:252 Resp: 1107951

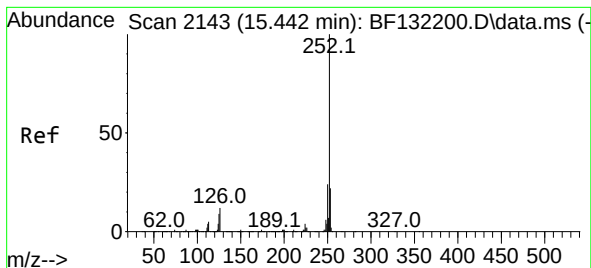
Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 9.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 52.524 ng

RT: 15.448 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

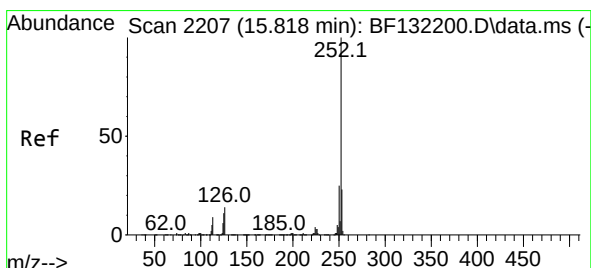
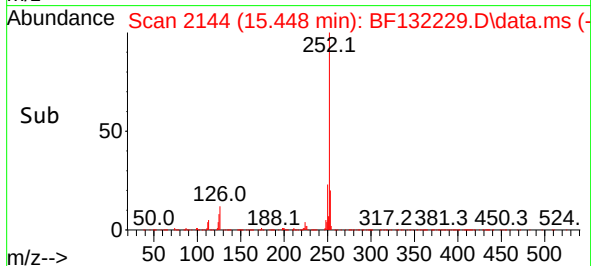
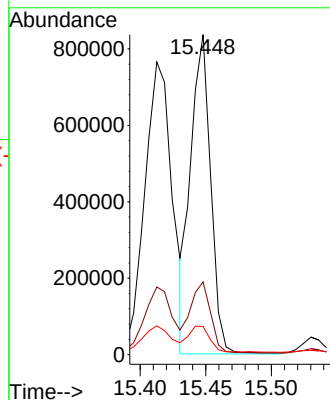
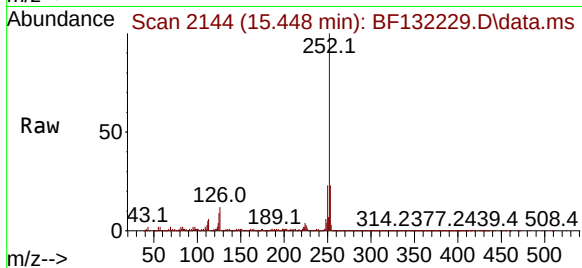
Tgt Ion:252 Resp: 887621

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 8.9 7.7 11.5



#90

Benzo(a)pyrene

Concen: 56.162 ng

RT: 15.824 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

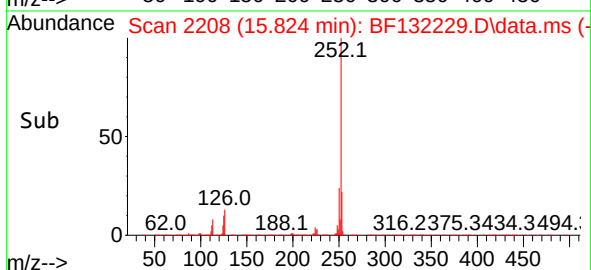
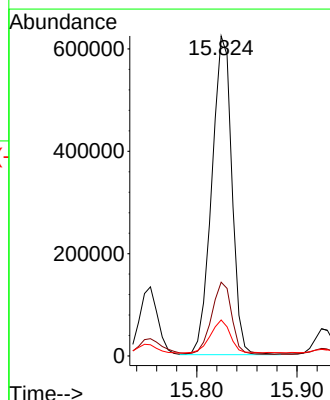
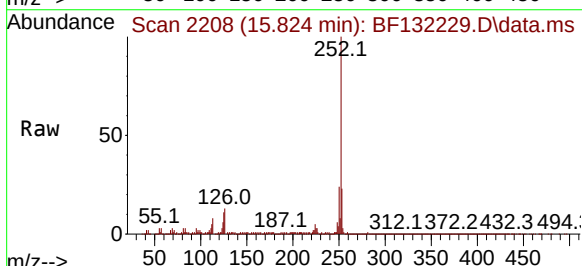
Tgt Ion:252 Resp: 868082

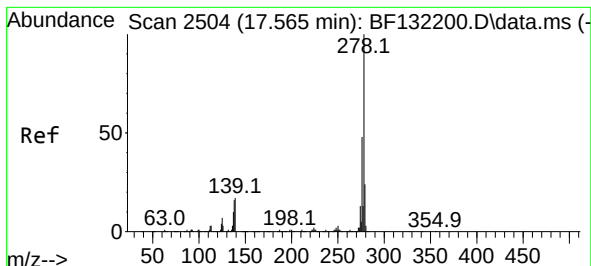
Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

125 11.3 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.498 ng

RT: 17.577 min Scan# 2506

Delta R.T. 0.012 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MSD

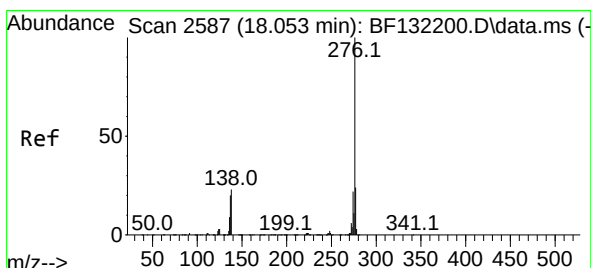
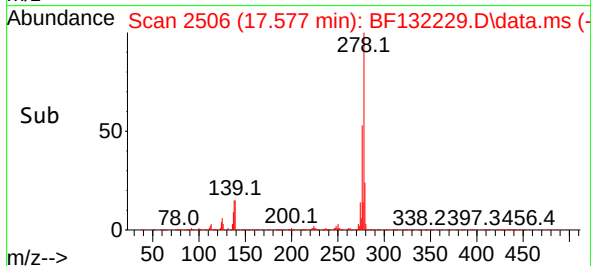
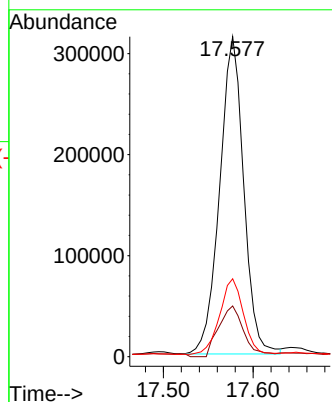
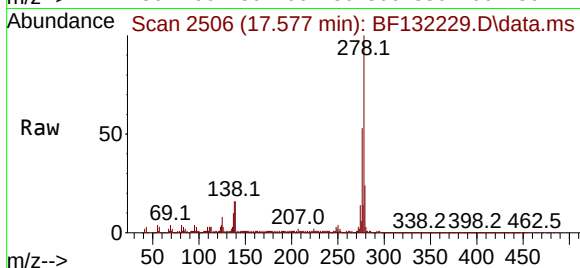
Tgt Ion:278 Resp: 583774

Ion Ratio Lower Upper

278 100

139 15.9 13.2 19.8

279 24.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 44.652 ng

RT: 18.065 min Scan# 2589

Delta R.T. 0.012 min

Lab File: BF132229.D

Acq: 31 Jan 2023 01:08

Tgt Ion:276 Resp: 656258

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 20.2 18.3 27.5

