

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131433.D
 Acq On : 28 Nov 2022 17:09
 Operator : CG\JU
 Sample : N5766-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-5MSD

Quant Time: Nov 29 00:56:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.952	152	83567	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	308995	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	174705	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	316302	20.000	ng	0.00
76) Chrysene-d12	14.163	240	210011	20.000	ng	0.00
86) Perylene-d12	15.698	264	173544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	560517	127.656	ng	0.01
7) Phenol-d6	6.575	99	696103	124.255	ng	0.00
23) Nitrobenzene-d5	7.522	82	466719	76.139	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	214823	146.157	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	868760	72.344	ng	0.00
79) Terphenyl-d14	13.098	244	968490	75.412	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	87098	41.608	ng	99
3) Pyridine	3.581	79	230401	39.639	ng	97
4) n-Nitrosodimethylamine	3.552	42	158101	46.124	ng	97
6) Aniline	6.616	93	300924	40.987	ng	98
8) 2-Chlorophenol	6.734	128	246378	49.528	ng	99
9) Benzaldehyde	6.505	77	131003	37.476	ng	96
10) Phenol	6.587	94	292302	47.060	ng	96
11) bis(2-Chloroethyl)ether	6.687	93	236613	45.467	ng	99
12) 1,3-Dichlorobenzene	6.893	146	267201	45.070	ng	99
13) 1,4-Dichlorobenzene	6.969	146	270416	44.889	ng	98
14) 1,2-Dichlorobenzene	7.122	146	261848	47.207	ng	97
15) Benzyl Alcohol	7.093	79	231851	50.474	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.222	45	426265	42.830	ng	99
17) 2-Methylphenol	7.199	107	196317	46.304	ng	99
18) Hexachloroethane	7.469	117	103228	47.902	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	181741	44.315	ng	98
20) 3+4-Methylphenols	7.352	107	248207	45.850	ng	95
22) Acetophenone	7.363	105	349010	44.374	ng	99
24) Nitrobenzene	7.540	77	284375	44.527	ng	99
25) Isophorone	7.781	82	493689	45.143	ng	97
26) 2-Nitrophenol	7.857	139	125733	58.706	ng	89
27) 2,4-Dimethylphenol	7.887	122	220033	51.900	ng	97
28) bis(2-Chloroethoxy)met...	7.987	93	285893	46.026	ng	98
29) 2,4-Dichlorophenol	8.093	162	210432	45.759	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	244791	42.969	ng	99
31) Naphthalene	8.263	128	694467	42.175	ng	99
32) Benzoic acid	8.004	122	137985	50.941	ng	89
33) 4-Chloroaniline	8.310	127	139622	21.493	ng	97
34) Hexachlorobutadiene	8.375	225	158295	42.911	ng	99
35) Caprolactam	8.687	113	34365	28.437	ng	98
36) 4-Chloro-3-methylphenol	8.793	107	228455	47.816	ng	97
37) 2-Methylnaphthalene	8.957	142	469236	42.058	ng	100
38) 1-Methylnaphthalene	9.057	142	439298	40.605	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	247301	43.620	ng	99
41) Hexachlorocyclopentadiene	9.110	237	308540	121.060	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	162299	50.463	ng	97

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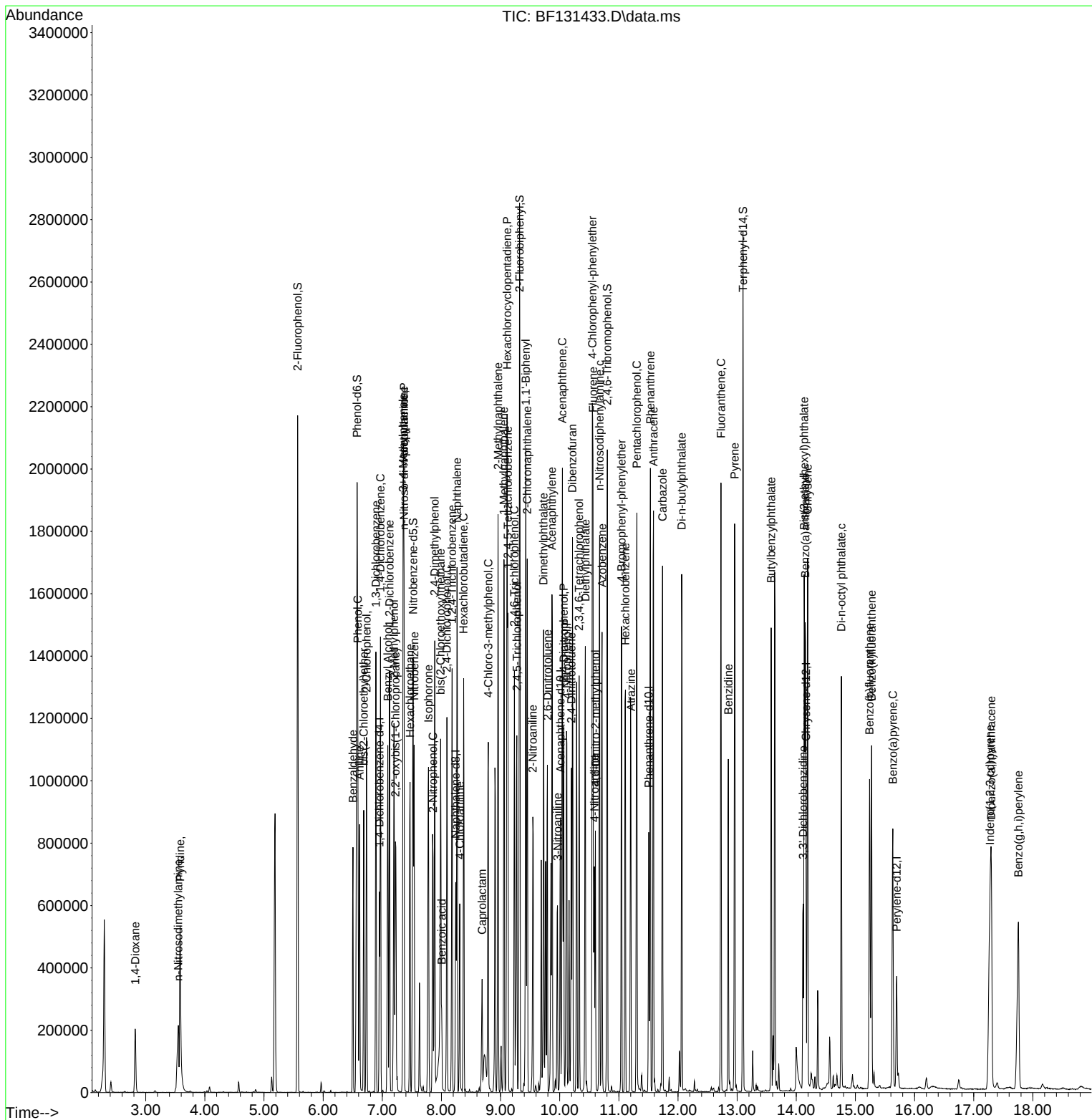
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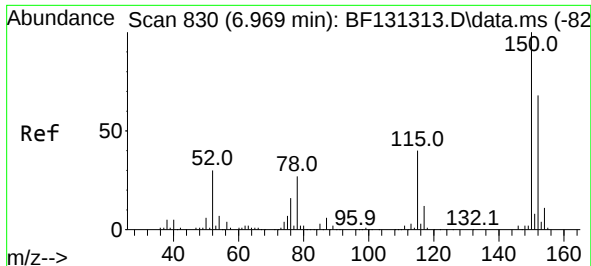
Quant Time: Nov 29 00:56:41 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	164595	45.512	ng	96
46) 1,1'-Biphenyl	9.428	154	580320	43.528	ng	100
47) 2-Chloronaphthalene	9.451	162	460103	43.021	ng	99
48) 2-Nitroaniline	9.546	65	162413	50.015	ng	97
49) Acenaphthylene	9.869	152	697463	42.781	ng	100
50) Dimethylphthalate	9.728	163	534165	43.884	ng	99
51) 2,6-Dinitrotoluene	9.793	165	118126	48.526	ng	86
52) Acenaphthene	10.046	154	503814	49.351	ng	99
53) 3-Nitroaniline	9.963	138	77675	31.053	ng	98
54) 2,4-Dinitrophenol	10.069	184	132606	104.776	ng	89
55) Dibenzofuran	10.216	168	619001	42.146	ng	99
56) 4-Nitrophenol	10.122	139	182231	104.971	ng	98
57) 2,4-Dinitrotoluene	10.198	165	155694	50.833	ng	93
58) Fluorene	10.563	166	494060	43.102	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.328	232	147019	48.814	ng	99
60) Diethylphthalate	10.434	149	509539	44.333	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	257617	43.841	ng	98
62) 4-Nitroaniline	10.587	138	115398	46.355	ng	98
63) Azobenzene	10.716	77	514742	41.652	ng	96
65) 4,6-Dinitro-2-methylph...	10.604	198	83912	58.028	ng	88
66) n-Nitrosodiphenylamine	10.675	169	427559	42.421	ng	100
67) 4-Bromophenyl-phenylether	11.045	248	166434	42.932	ng	99
68) Hexachlorobenzene	11.110	284	176945	43.005	ng	# 91
69) Atrazine	11.204	200	155097	49.980	ng	100
70) Pentachlorophenol	11.304	266	201677	84.090	ng	99
71) Phenanthrene	11.534	178	718519	42.033	ng	99
72) Anthracene	11.587	178	733426	43.658	ng	99
73) Carbazole	11.740	167	634879	44.304	ng	99
74) Di-n-butylphthalate	12.063	149	784258	46.444	ng	100
75) Fluoranthene	12.728	202	770953	42.801	ng	99
77) Benzidine	12.851	184	368082	94.887	ng	95
78) Pyrene	12.957	202	784723	42.351	ng	99
80) Butylbenzylphthalate	13.575	149	296874	47.656	ng	99
81) Benzo(a)anthracene	14.151	228	604953	42.025	ng	99
82) 3,3'-Dichlorobenzidine	14.116	252	125461	32.844	ng	# 99
83) Chrysene	14.192	228	574904	40.707	ng	99
84) Bis(2-ethylhexyl)phtha...	14.133	149	390274	47.241	ng	99
85) Di-n-octyl phthalate	14.763	149	600049	50.284	ng	97
87) Indeno(1,2,3-cd)pyrene	17.274	276	598607	51.356	ng	98
88) Benzo(b)fluoranthene	15.239	252	536151	46.505	ng	100
89) Benzo(k)fluoranthene	15.275	252	492598	41.578	ng	98
90) Benzo(a)pyrene	15.633	252	449200	47.485	ng	100
91) Dibenzo(a,h)anthracene	17.298	278	513154	53.325	ng	97
92) Benzo(g,h,i)perylene	17.757	276	506980	52.785	ng	98

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

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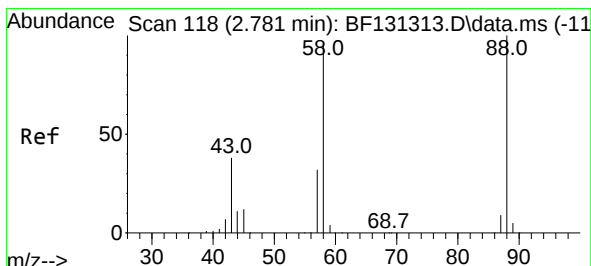
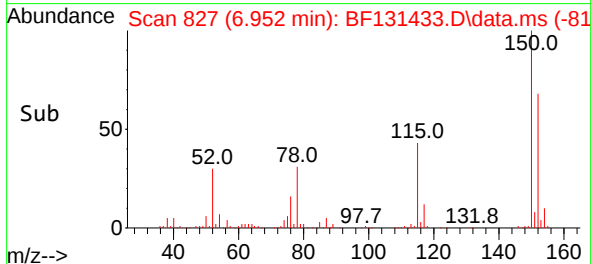
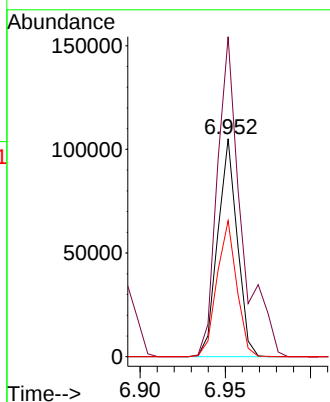
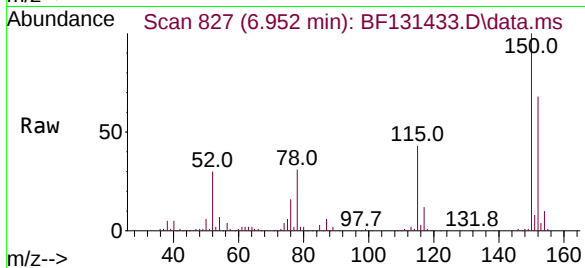




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.952 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF131433.D
 Acq: 28 Nov 2022 17:09

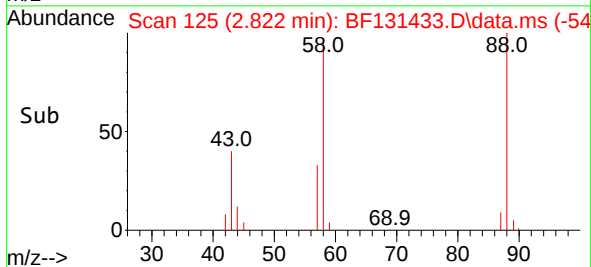
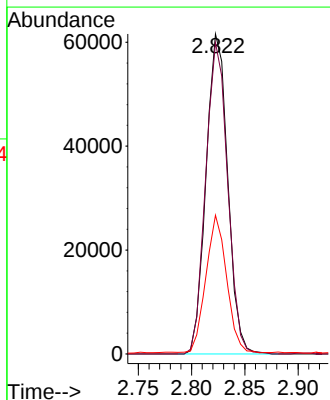
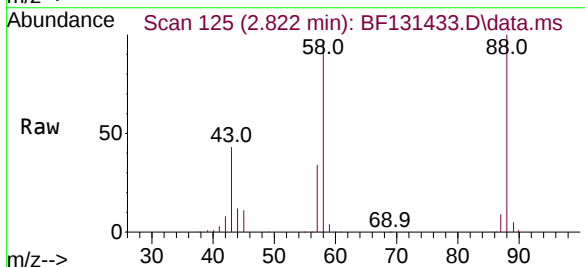
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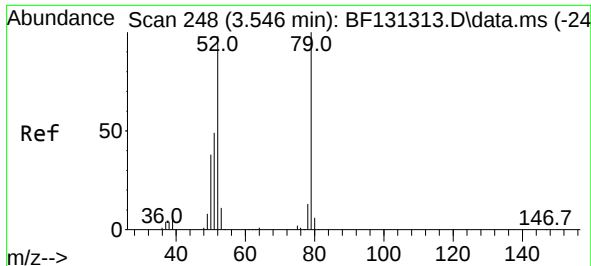
Tgt Ion:152 Resp: 83567
 Ion Ratio Lower Upper
 152 100
 150 146.9 117.8 176.8
 115 62.4 47.1 70.7



#2
 1,4-Dioxane
 Concen: 41.608 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.065 min
 Lab File: BF131433.D
 Acq: 28 Nov 2022 17:09

Tgt Ion: 88 Resp: 87098
 Ion Ratio Lower Upper
 88 100
 58 98.5 78.2 117.4
 43 41.1 31.6 47.4





#3

Pyridine

Concen: 39.639 ng

RT: 3.581 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

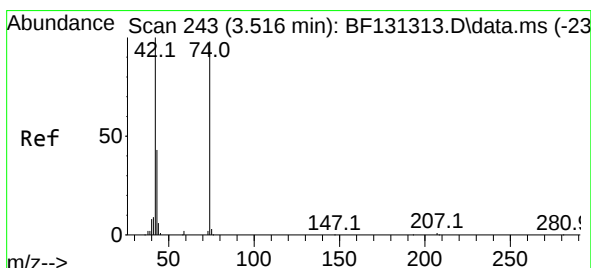
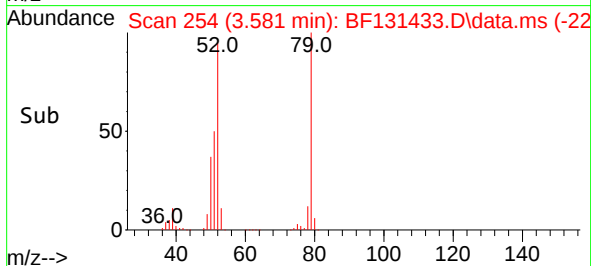
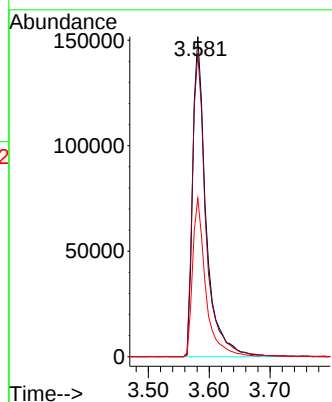
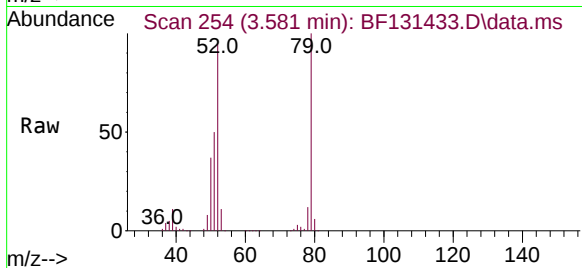
Tgt Ion: 79 Resp: 230401

Ion Ratio Lower Upper

79 100

52 94.9 78.7 118.1

51 49.5 39.3 58.9



#4

n-Nitrosodimethylamine

Concen: 46.124 ng

RT: 3.552 min Scan# 249

Delta R.T. 0.053 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

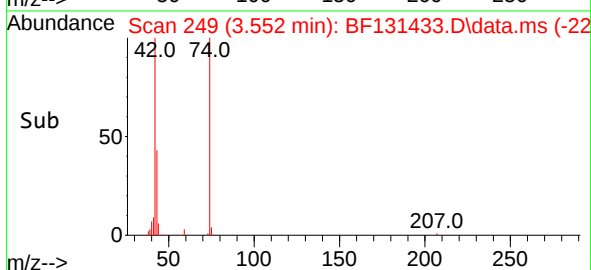
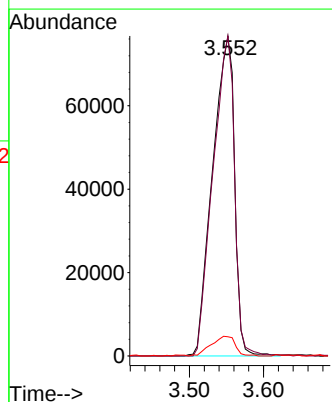
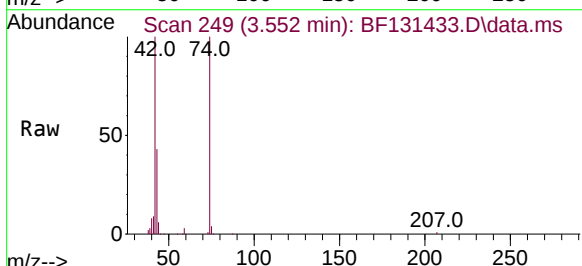
Tgt Ion: 42 Resp: 158101

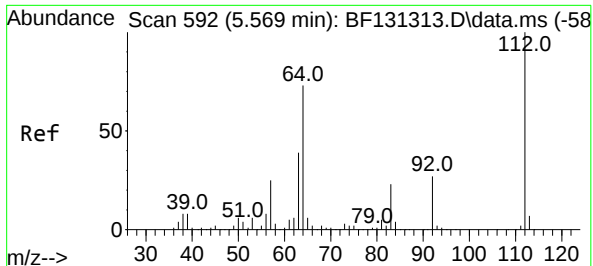
Ion Ratio Lower Upper

42 100

74 100.1 78.0 117.0

44 6.0 5.2 7.8

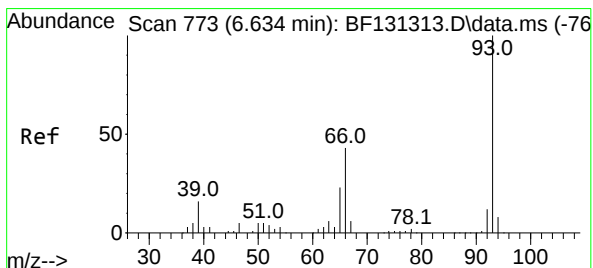
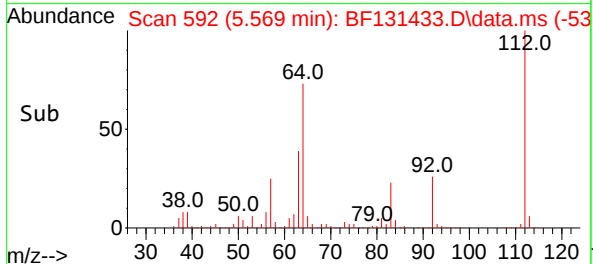
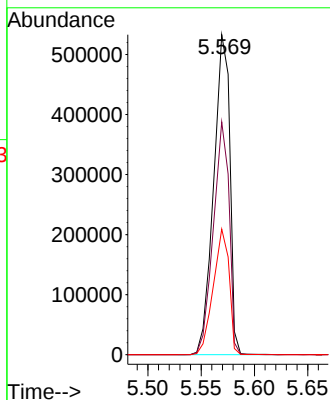
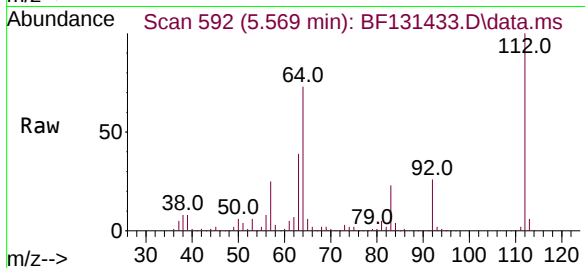




#5
2-Fluorophenol
Concen: 127.656 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

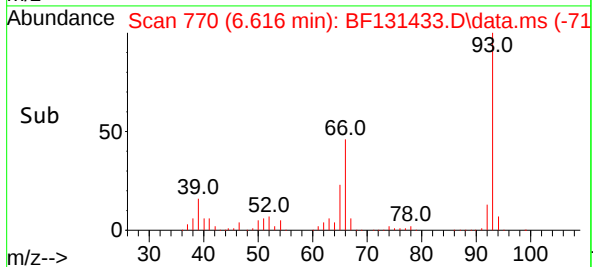
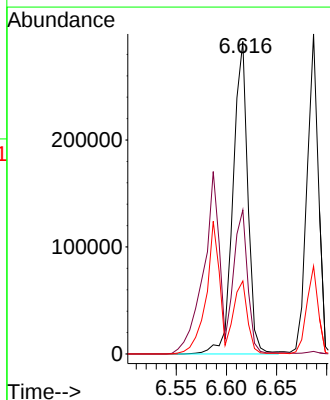
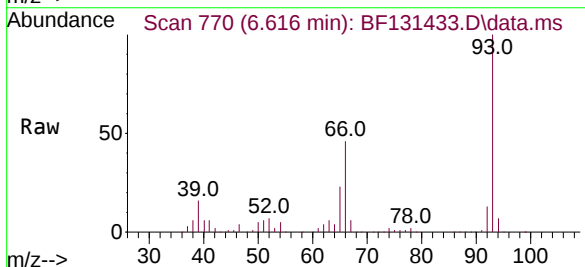
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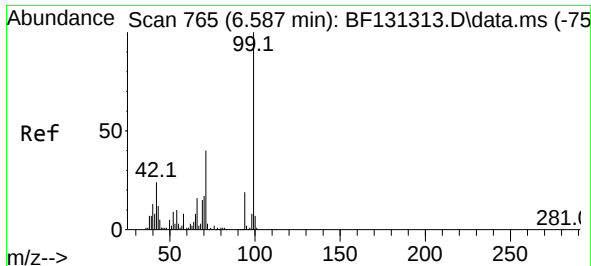
Tgt Ion:112 Resp: 560517
Ion Ratio Lower Upper
112 100
64 72.8 58.6 88.0
63 39.2 31.4 47.0



#6
Aniline
Concen: 40.987 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion: 93 Resp: 300924
Ion Ratio Lower Upper
93 100
66 46.1 35.6 53.4
65 23.4 18.4 27.6

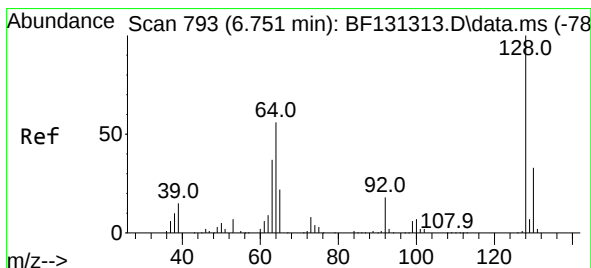
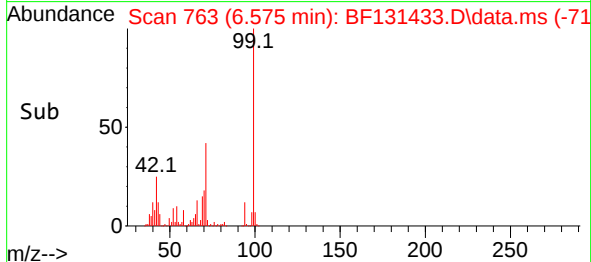
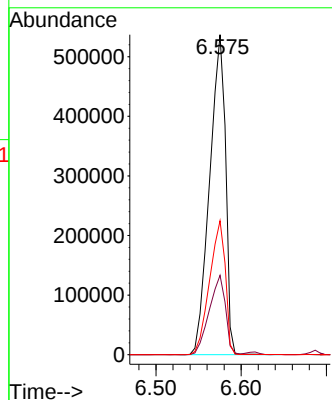
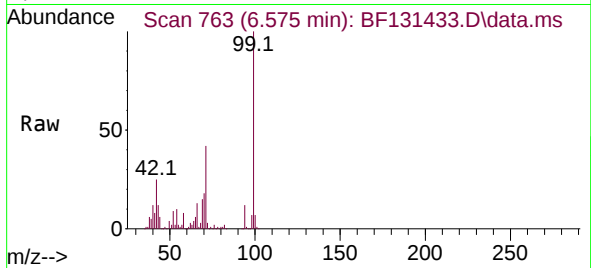




#7
Phenol-d6
Concen: 124.255 ng
RT: 6.575 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

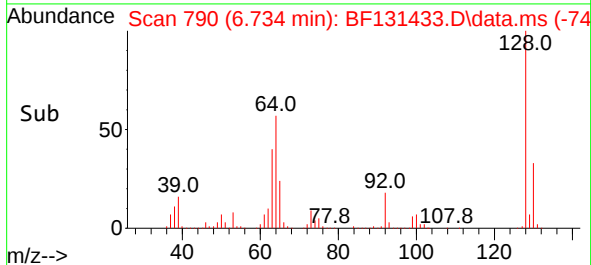
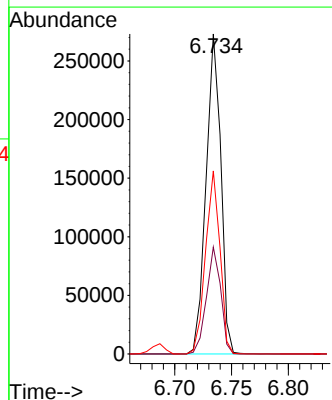
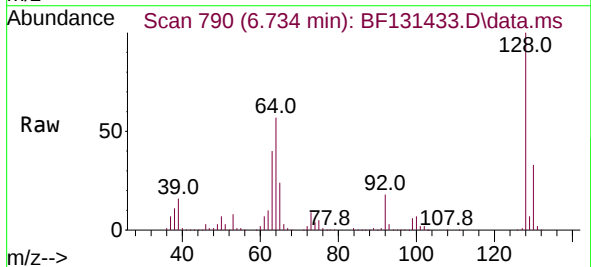
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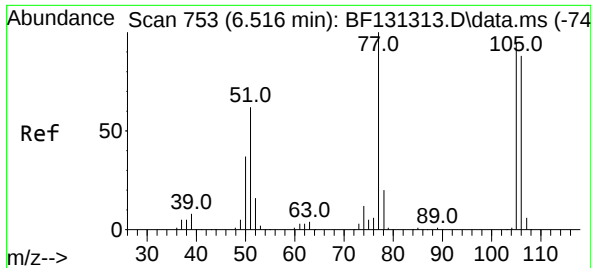
Tgt Ion: 99 Resp: 696103
Ion Ratio Lower Upper
99 100
42 24.8 19.4 29.2
71 41.9 32.3 48.5



#8
2-Chlorophenol
Concen: 49.528 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion: 128 Resp: 246378
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 57.2 36.9 76.9

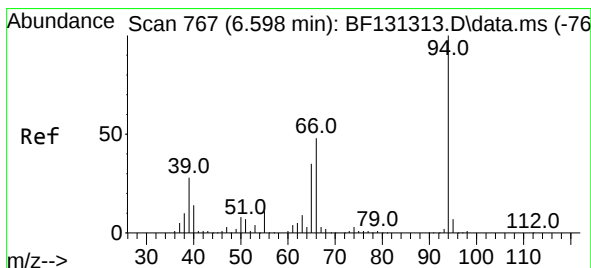
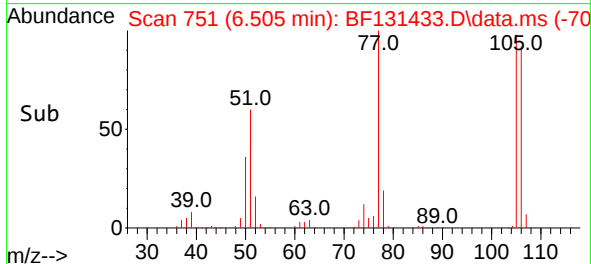
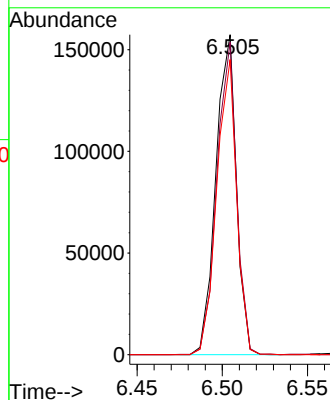
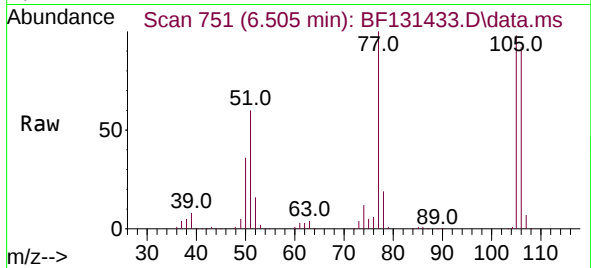




#9
Benzaldehyde
Concen: 37.476 ng
RT: 6.505 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

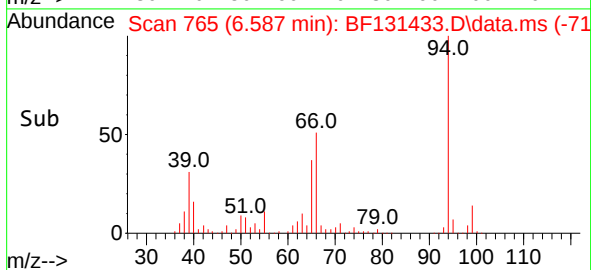
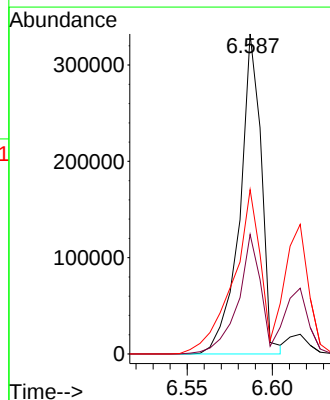
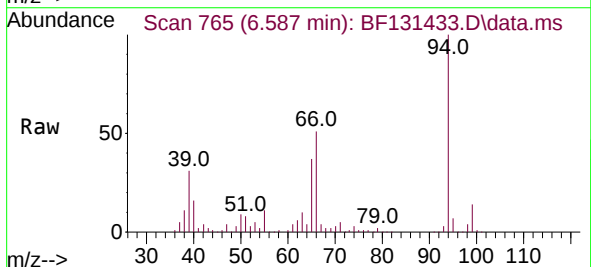
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ClientSampleId :
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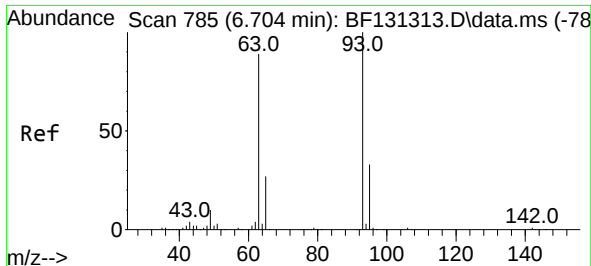
Tgt Ion: 77 Resp: 131003
Ion Ratio Lower Upper
77 100
105 97.7 74.5 114.5
106 92.3 68.1 108.1



#10
Phenol
Concen: 47.060 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion: 94 Resp: 292302
Ion Ratio Lower Upper
94 100
65 37.3 15.0 55.0
66 51.3 28.6 68.6





#11

bis(2-Chloroethyl)ether

Concen: 45.467 ng

RT: 6.687 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

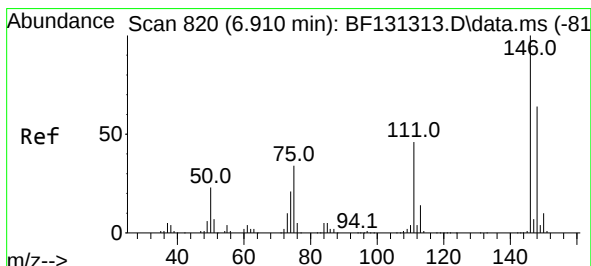
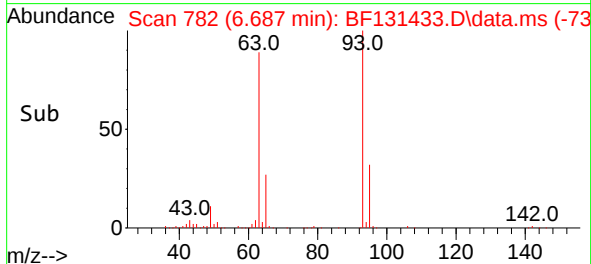
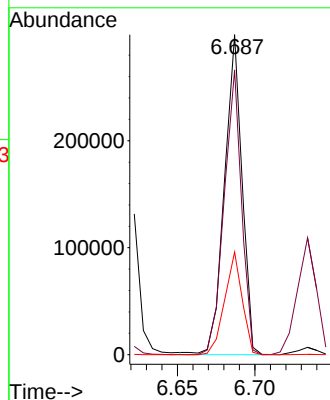
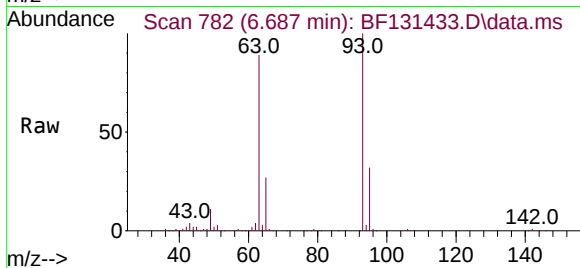
Tgt Ion: 93 Resp: 236613

Ion Ratio Lower Upper

93 100

63 89.0 68.6 108.6

95 32.1 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 45.070 ng

RT: 6.893 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

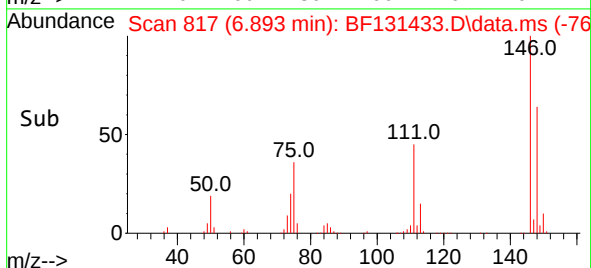
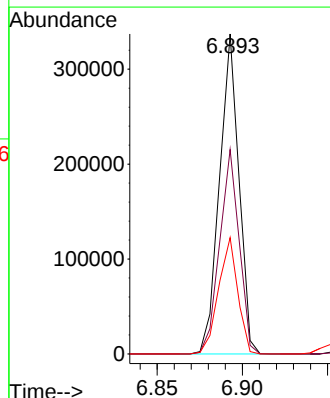
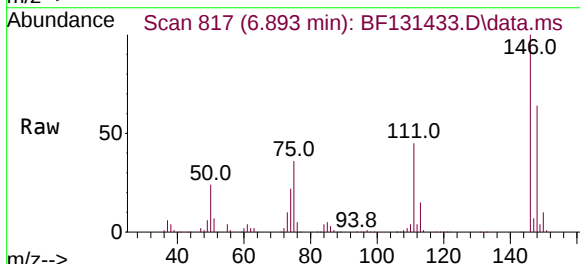
Tgt Ion: 146 Resp: 267201

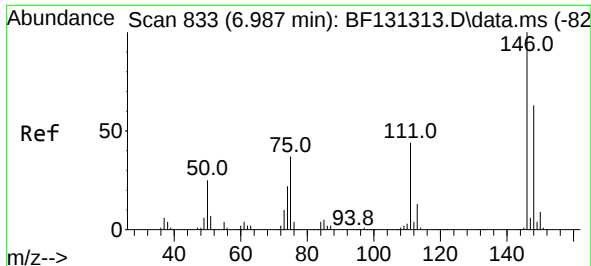
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

75 36.4 27.6 41.4

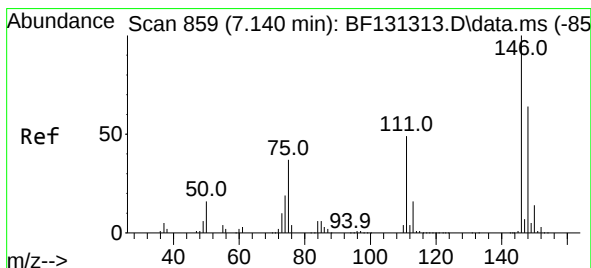
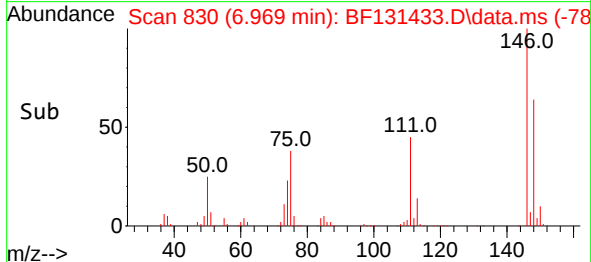
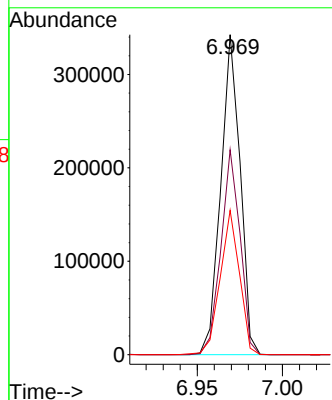
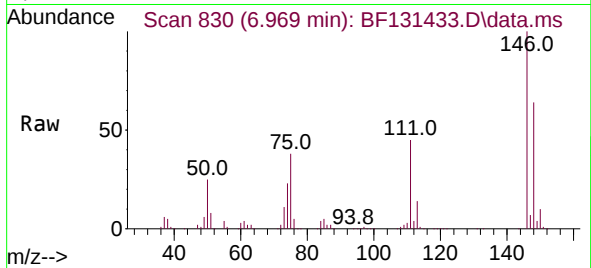




#13
1,4-Dichlorobenzene
Concen: 44.889 ng
RT: 6.969 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

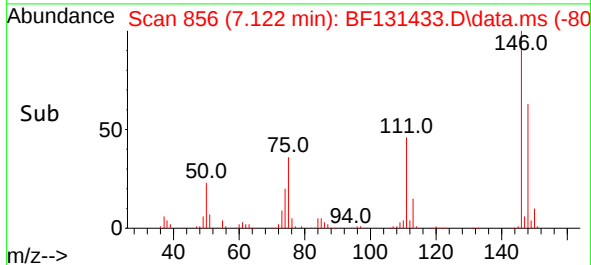
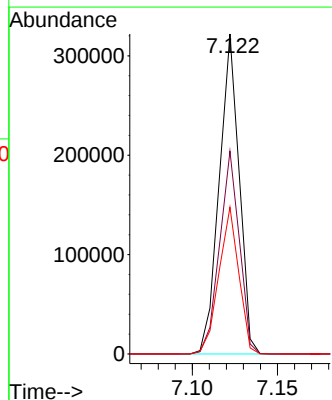
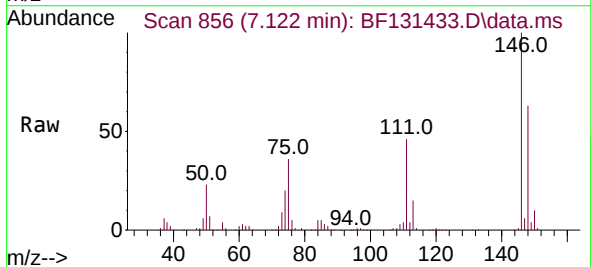
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

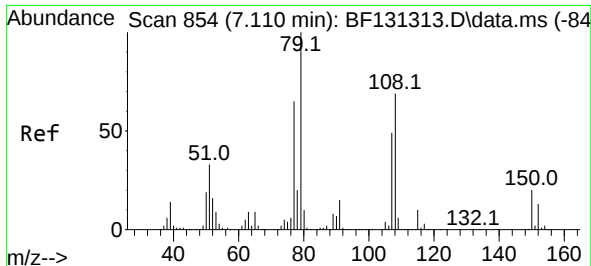
Tgt Ion:146 Resp: 270416
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 45.1 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 47.207 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:146 Resp: 261848
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
111 45.8 39.4 59.0

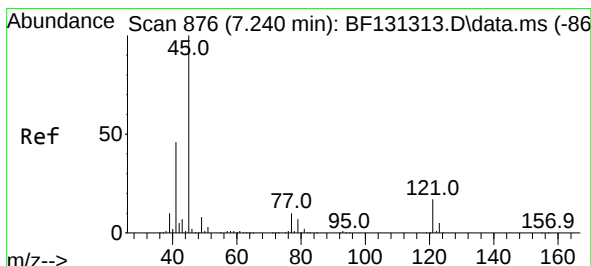
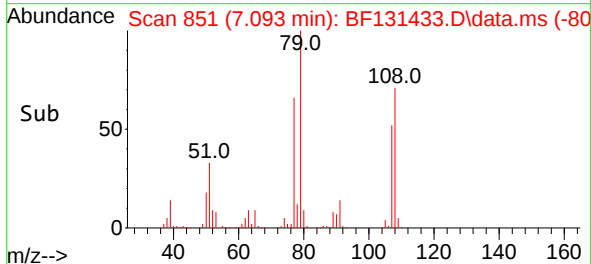
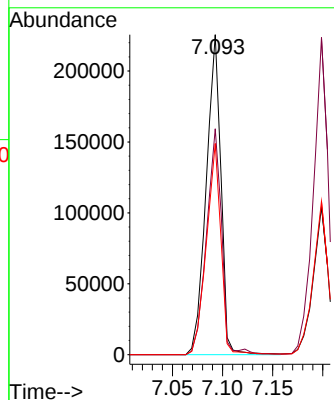
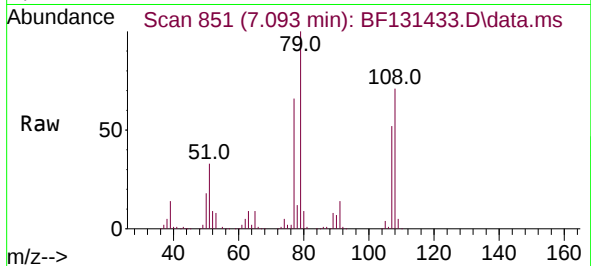




#15
Benzyl Alcohol
Concen: 50.474 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

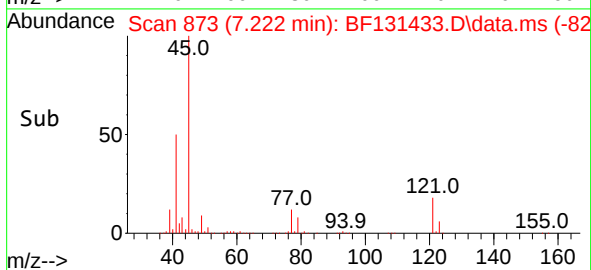
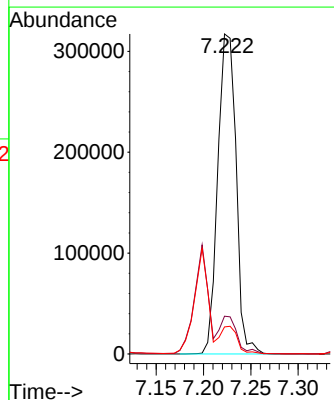
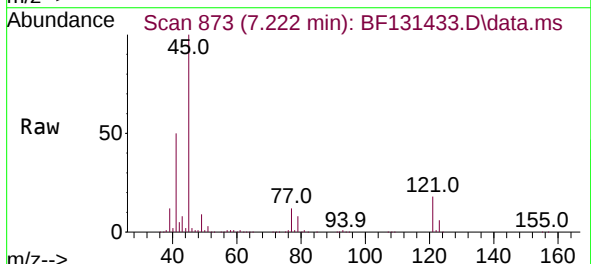
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

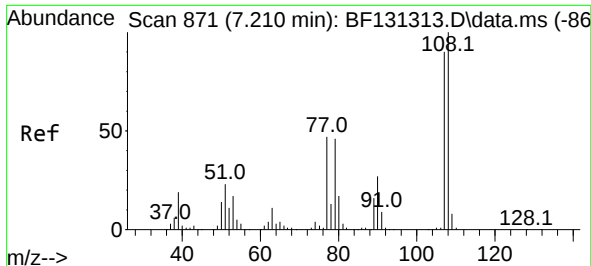
Tgt Ion: 79 Resp: 231851
Ion Ratio Lower Upper
79 100
108 70.6 55.1 82.7
77 66.0 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.830 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion: 45 Resp: 426265
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.2
79 8.4 0.0 28.4

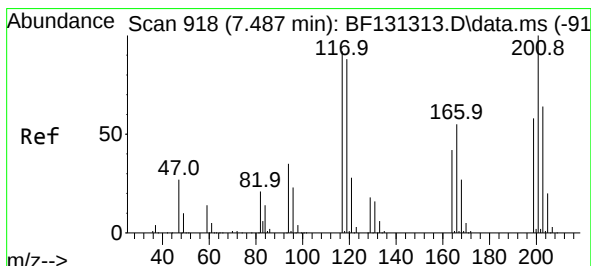
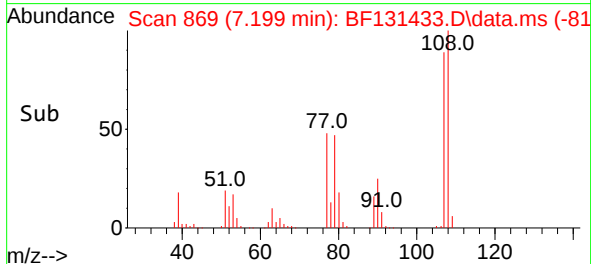
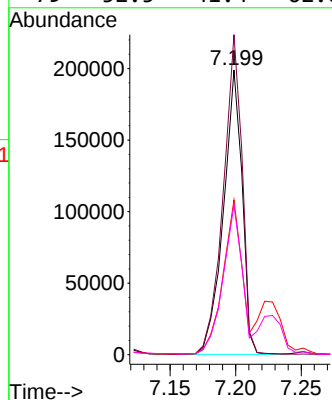
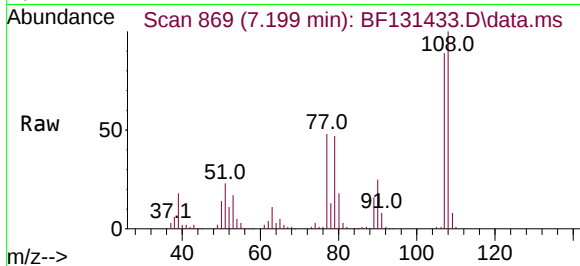




#17
2-Methylphenol
Concen: 46.304 ng
RT: 7.199 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

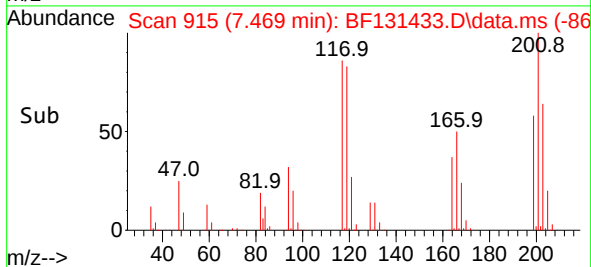
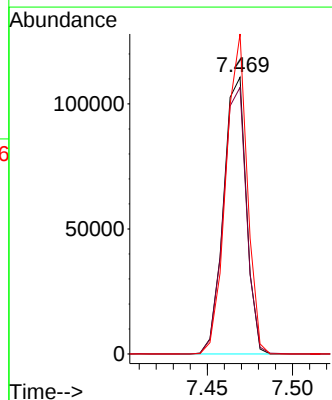
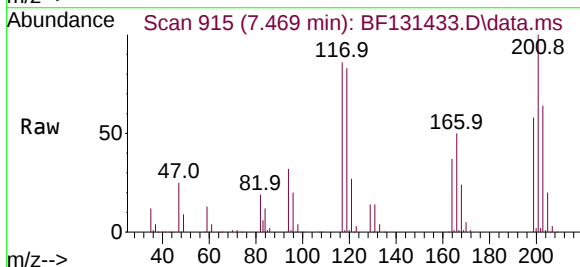
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

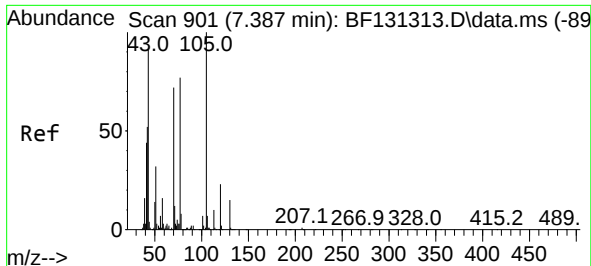
Tgt Ion:	107	Resp:	196317
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.0	133.6
77	54.4	42.5	63.7
79	52.5	41.4	62.0



#18
Hexachloroethane
Concen: 47.902 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:	117	Resp:	103228
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
201	115.7	87.0	130.6

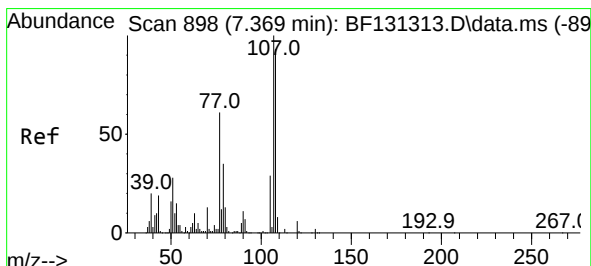
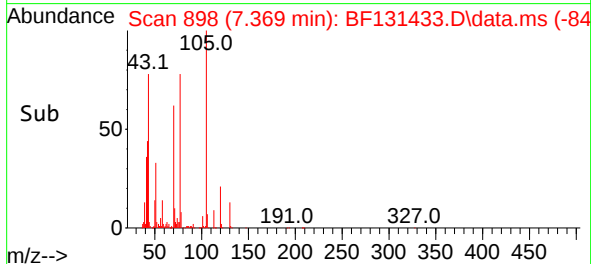
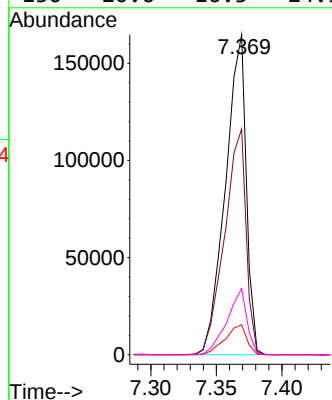
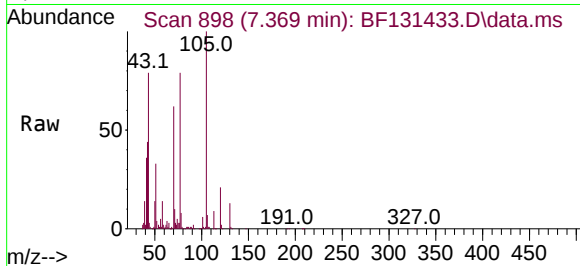




#19
n-Nitroso-di-n-propylamine
Concen: 44.315 ng
RT: 7.369 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

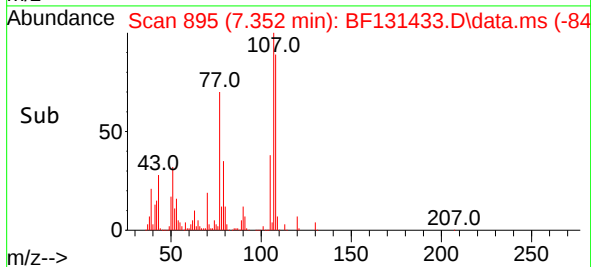
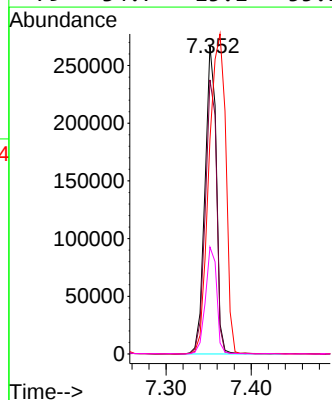
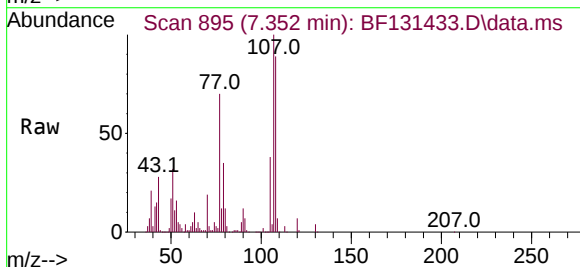
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

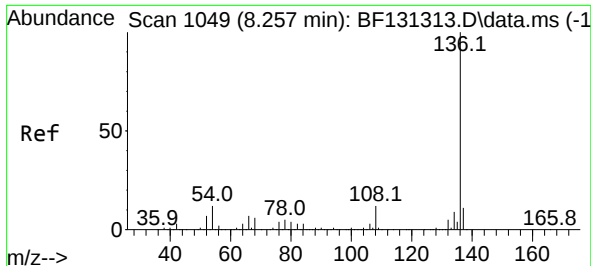
Tgt Ion: 70 Resp: 181741
Ion Ratio Lower Upper
70 100
42 70.6 57.6 86.4
101 9.4 8.2 12.2
130 20.6 16.3 24.5



#20
3+4-Methylphenols
Concen: 45.850 ng
RT: 7.352 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:107 Resp: 248207
Ion Ratio Lower Upper
107 100
108 88.9 72.6 112.6
77 69.6 41.4 81.4
79 34.7 15.1 55.1



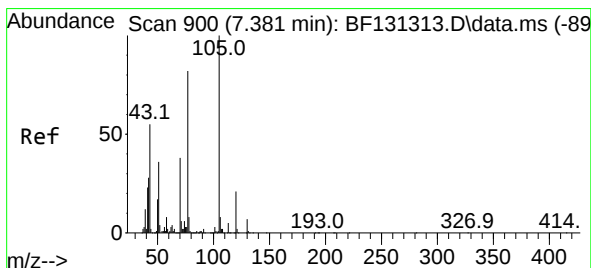
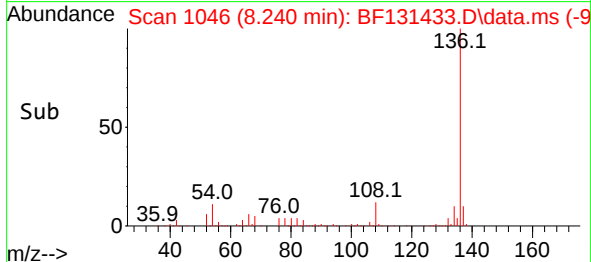
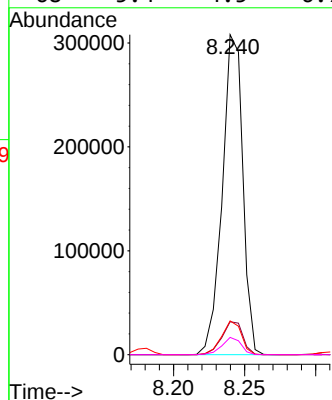
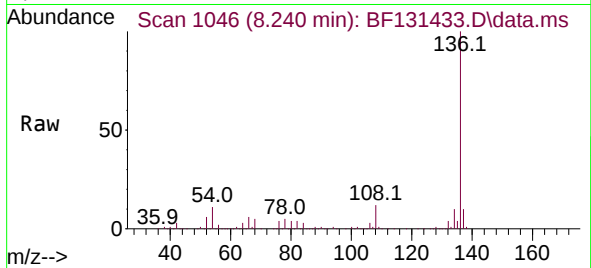


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Instrument :
BNA_F
ClientSampleId :
CR-5MSD

Tgt Ion:136 Resp: 308995

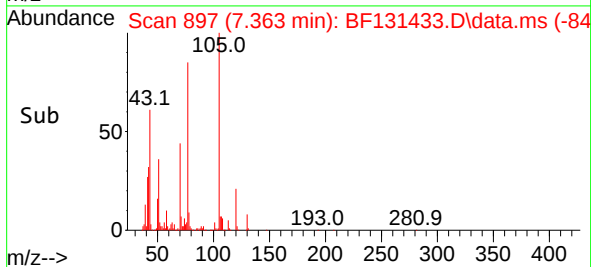
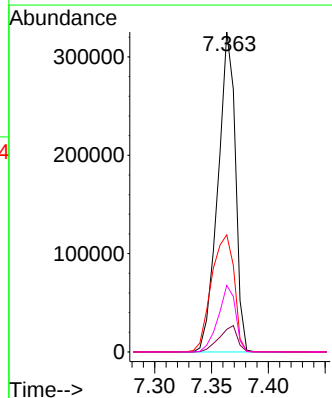
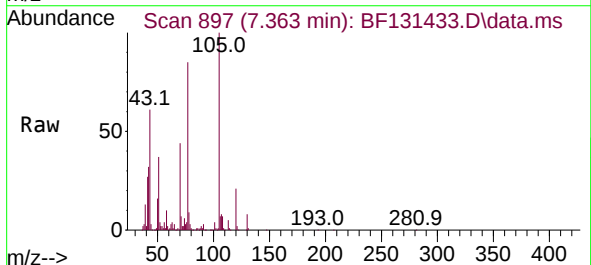
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	10.6	9.4	14.0
68	5.4	4.5	6.7

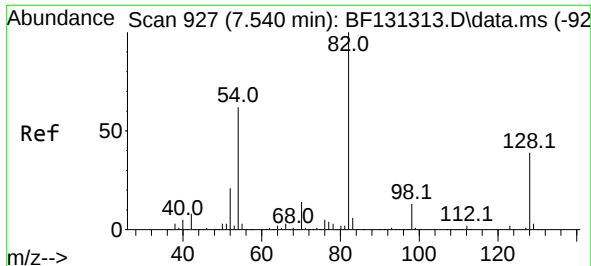


#22
Acetophenone
Concen: 44.374 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:105 Resp: 349010

Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.9	7.3
51	36.6	29.0	43.4
120	20.8	16.9	25.3

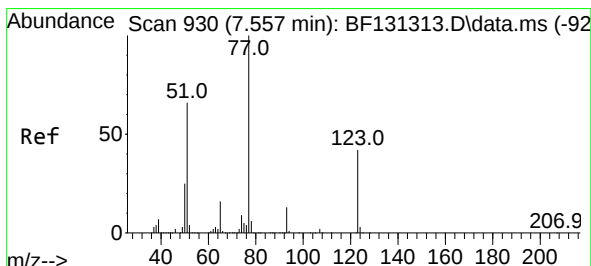
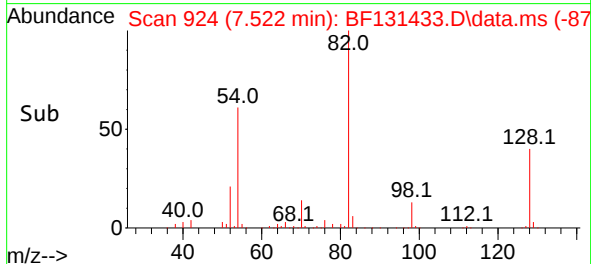
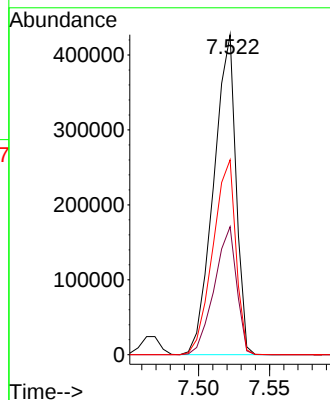
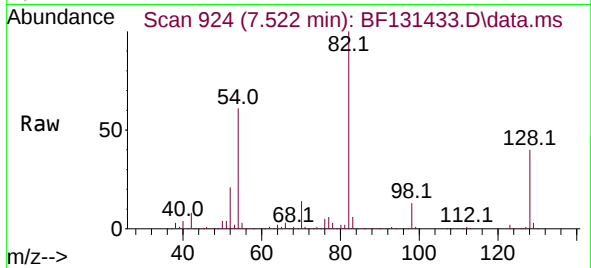




#23
Nitrobenzene-d5
Concen: 76.139 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

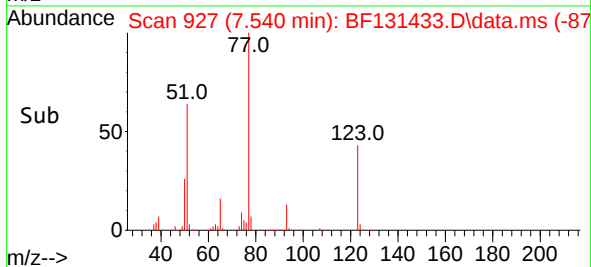
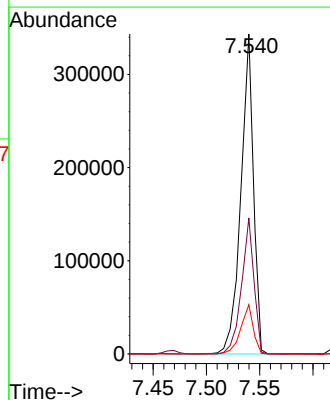
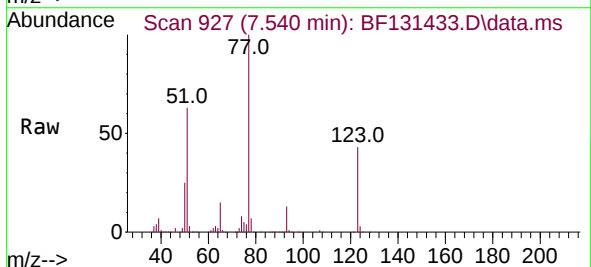
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

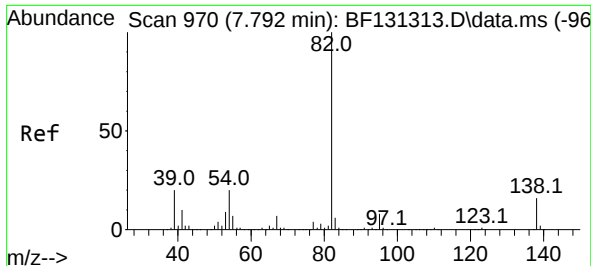
Tgt Ion: 82 Resp: 466719
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 60.9 49.8 74.6



#24
Nitrobenzene
Concen: 44.527 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion: 77 Resp: 284375
Ion Ratio Lower Upper
77 100
123 42.5 33.3 49.9
65 15.4 12.7 19.1

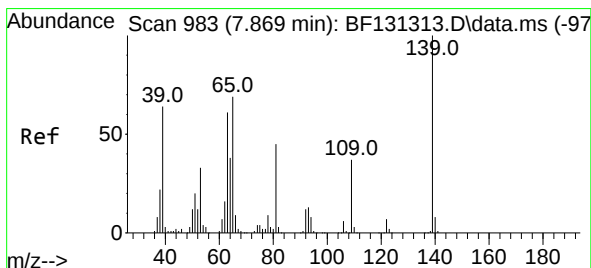
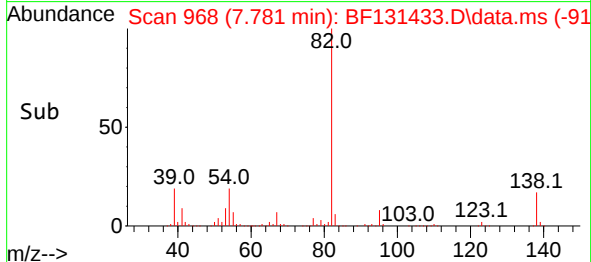
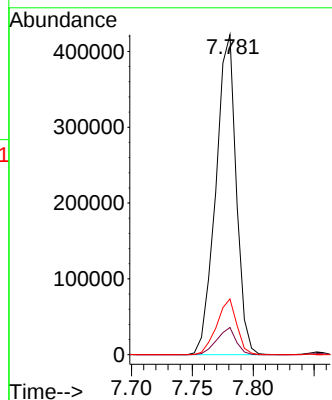
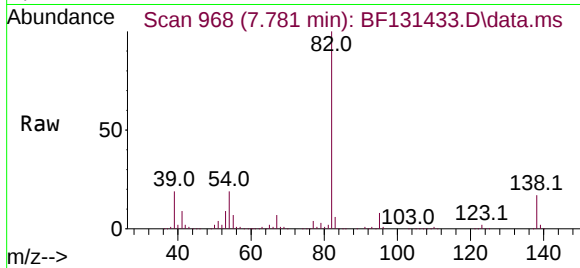




#25
Isophorone
Concen: 45.143 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

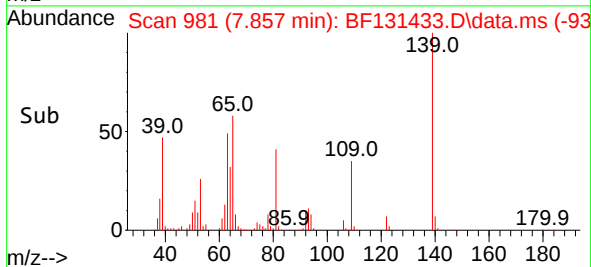
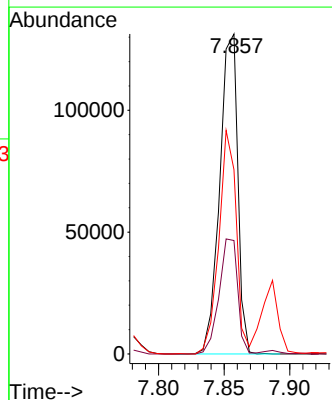
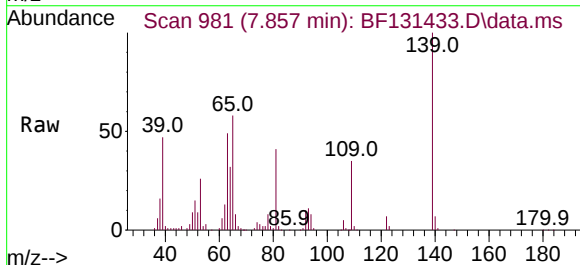
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

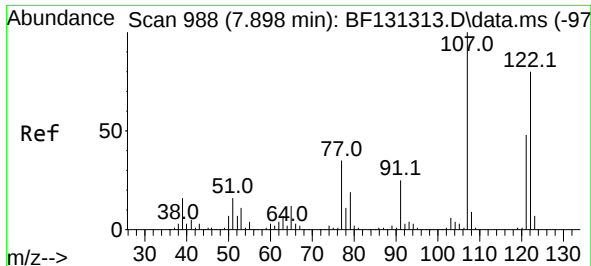
Tgt Ion: 82 Resp: 493689
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.2
138 17.4 12.7 19.1



#26
2-Nitrophenol
Concen: 58.706 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion: 139 Resp: 125733
Ion Ratio Lower Upper
139 100
109 35.5 29.9 44.9
65 57.6 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 51.900 ng

RT: 7.887 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

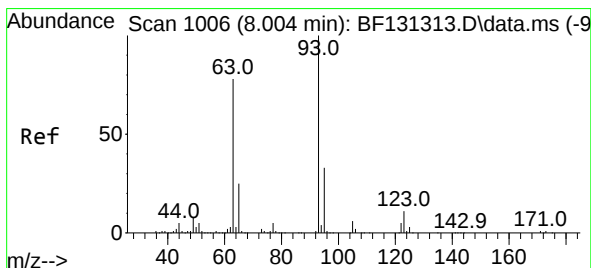
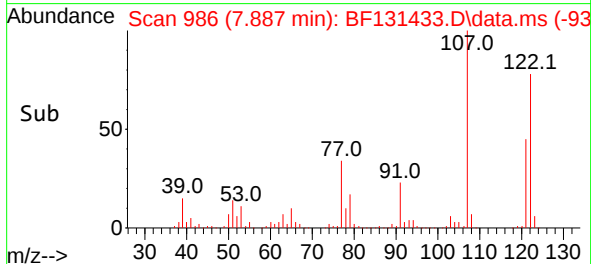
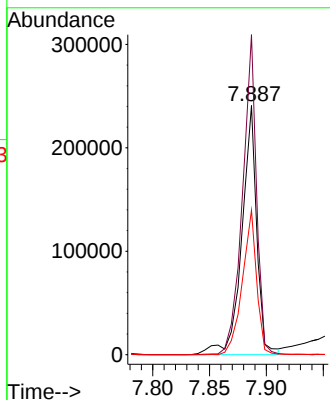
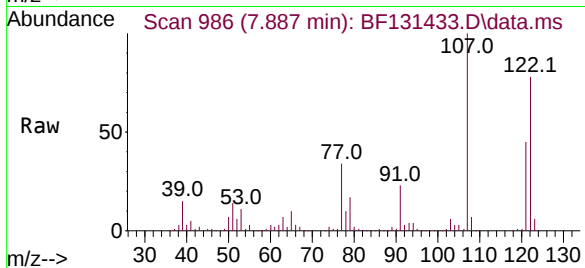
Tgt Ion:122 Resp: 220033

Ion Ratio Lower Upper

122 100

107 128.4 99.9 149.9

121 58.0 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 46.026 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

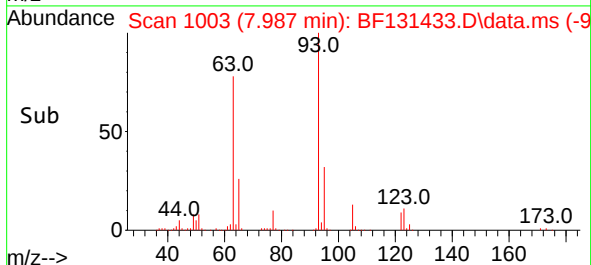
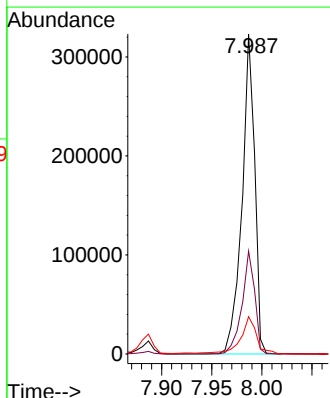
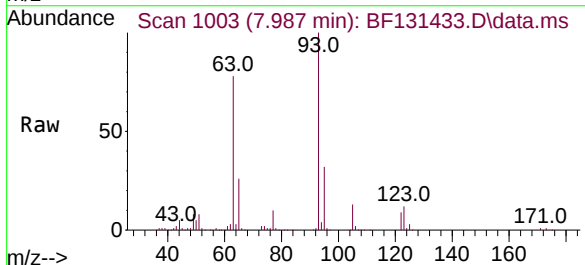
Tgt Ion: 93 Resp: 285893

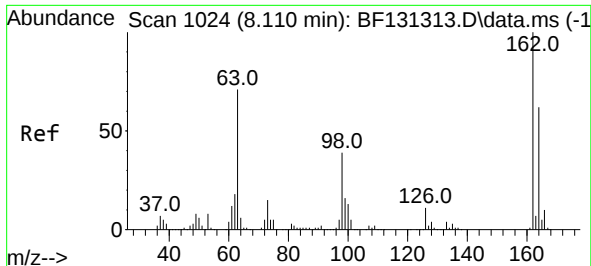
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 11.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.759 ng

RT: 8.093 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

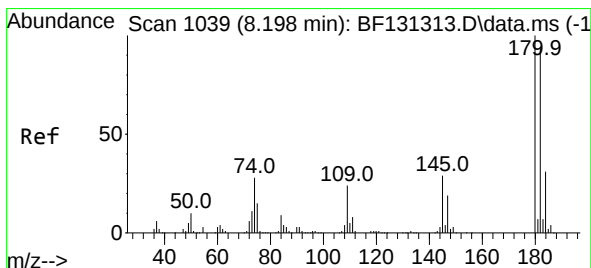
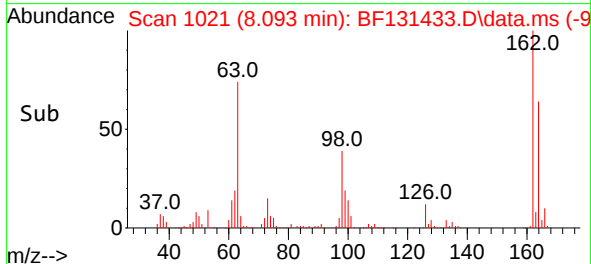
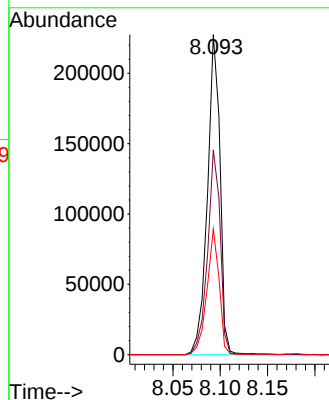
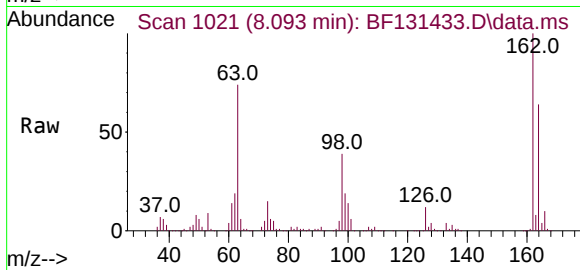
Tgt Ion:162 Resp: 210432

Ion Ratio Lower Upper

162 100

164 64.0 42.2 82.2

98 39.3 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 42.969 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

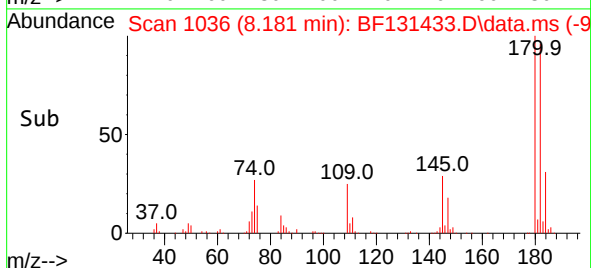
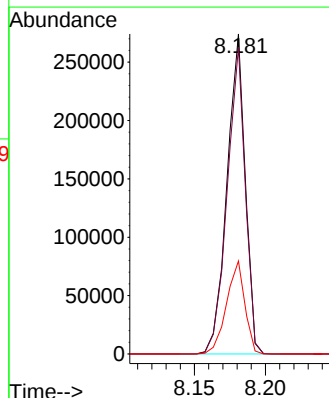
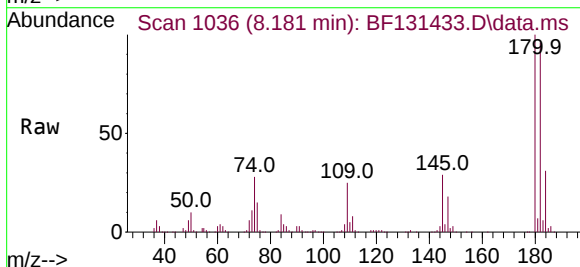
Tgt Ion:180 Resp: 244791

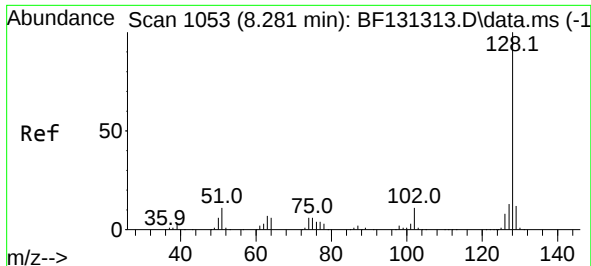
Ion Ratio Lower Upper

180 100

182 95.8 75.3 112.9

145 29.1 23.4 35.0

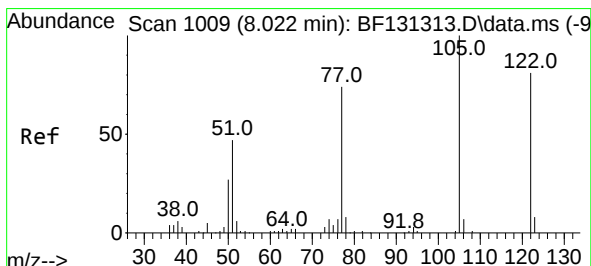
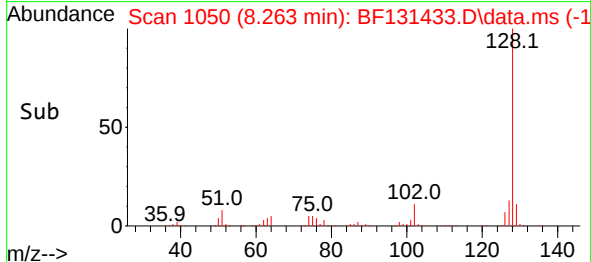
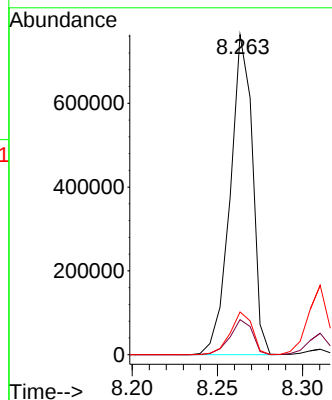
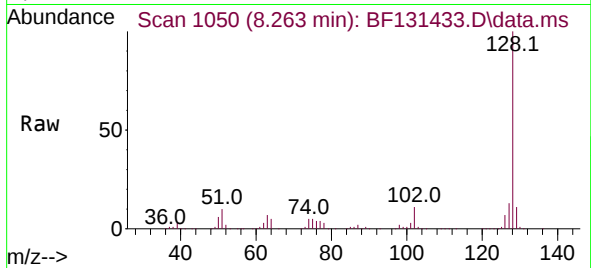




#31
Naphthalene
Concen: 42.175 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

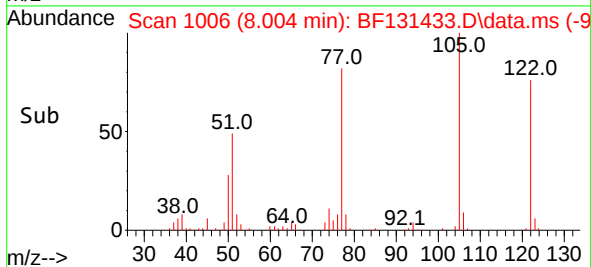
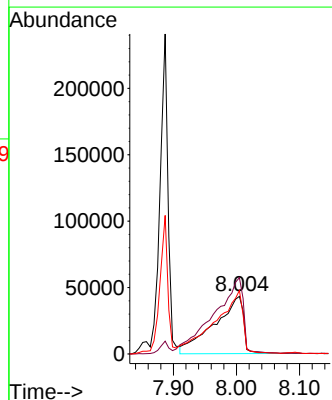
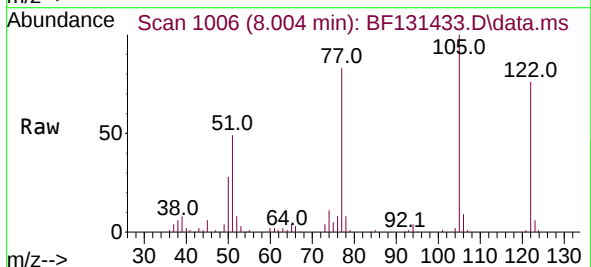
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

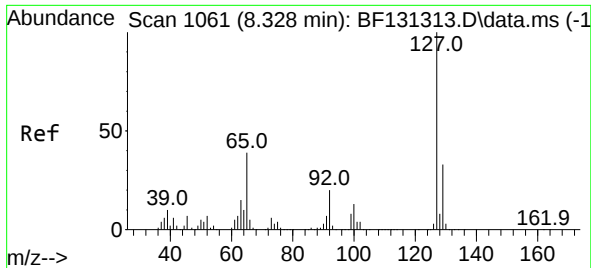
Tgt Ion:128 Resp: 694467
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 50.941 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:122 Resp: 137985
Ion Ratio Lower Upper
122 100
105 132.4 103.8 143.8
77 110.1 74.3 114.3

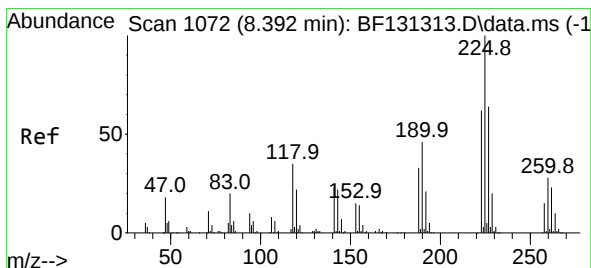
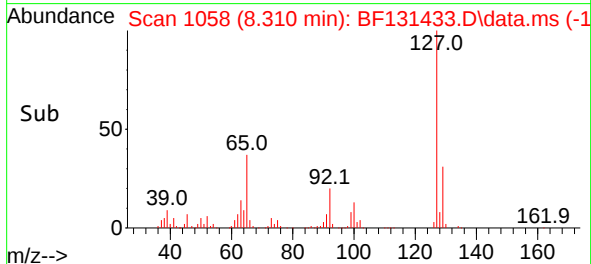
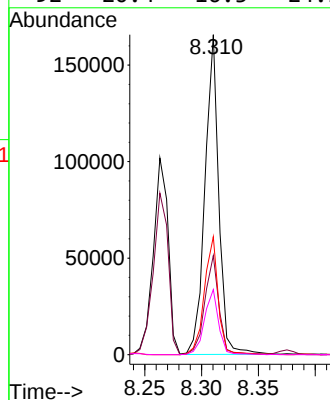
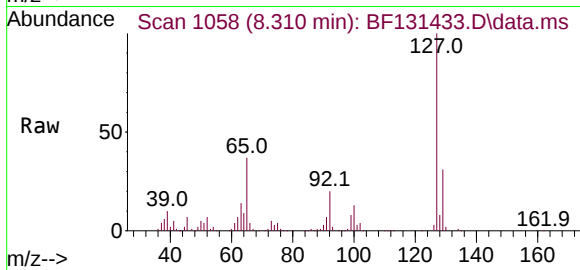




#33
4-Chloroaniline
Concen: 21.493 ng
RT: 8.310 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

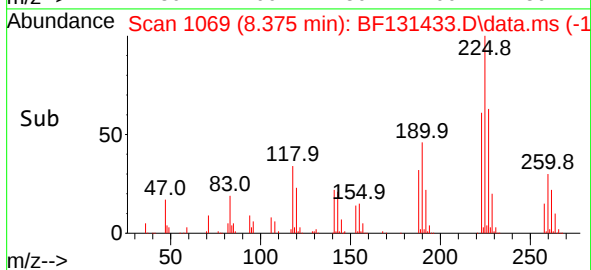
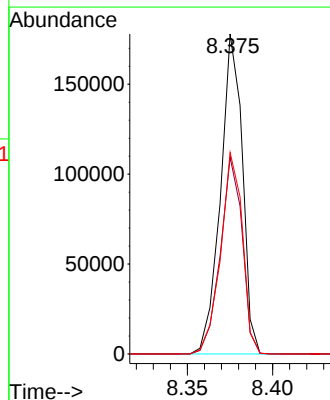
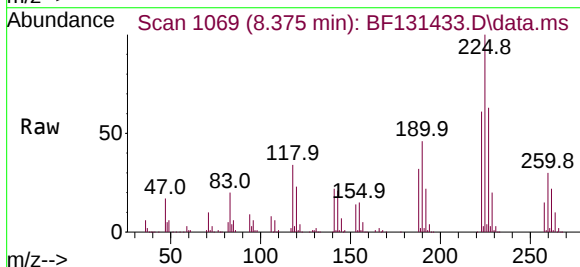
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

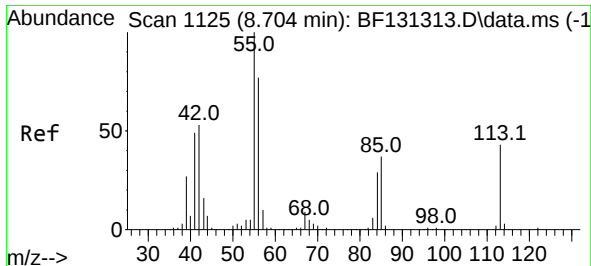
Tgt Ion:127	Resp: 139622
Ion Ratio	Lower Upper
127 100	
129 30.9	26.4 39.6
65 36.9	31.0 46.6
92 20.4	16.3 24.5



#34
Hexachlorobutadiene
Concen: 42.911 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:225	Resp: 158295
Ion Ratio	Lower Upper
225 100	
223 61.5	49.4 74.0
227 63.0	51.1 76.7

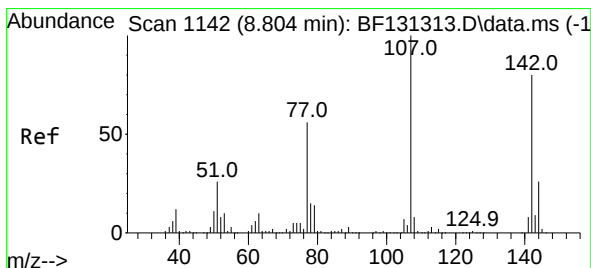
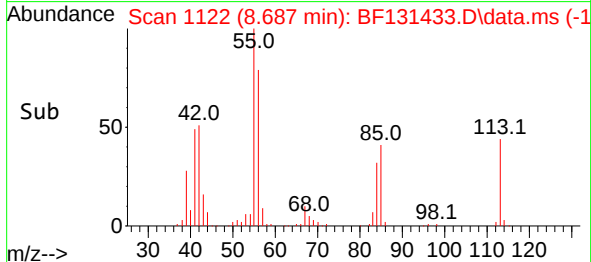
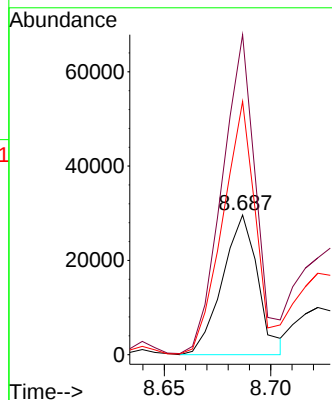
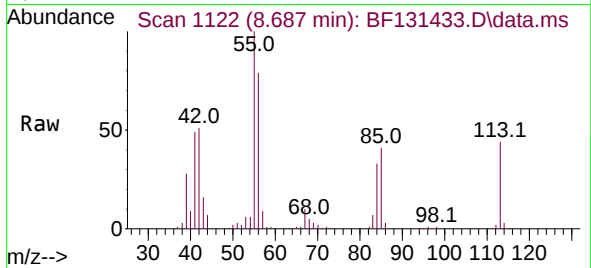




#35
Caprolactam
Concen: 28.437 ng
RT: 8.687 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

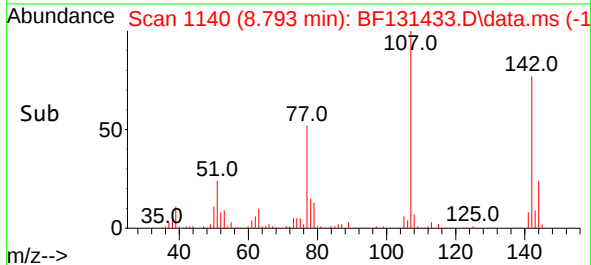
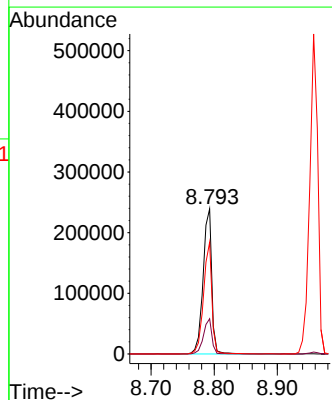
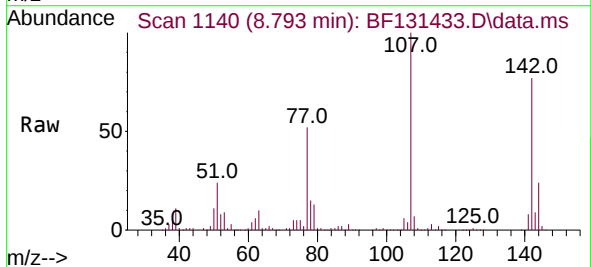
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

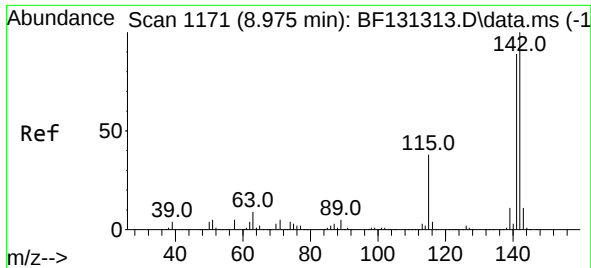
Tgt Ion:113 Resp: 34365
Ion Ratio Lower Upper
113 100
55 229.2 214.5 254.5
56 181.4 159.4 199.4



#36
4-Chloro-3-methylphenol
Concen: 47.816 ng
RT: 8.793 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:107 Resp: 228455
Ion Ratio Lower Upper
107 100
144 24.3 20.9 31.3
142 77.0 63.9 95.9

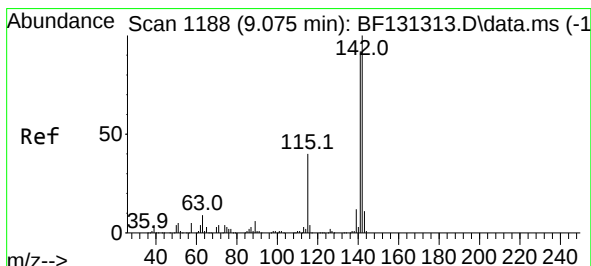
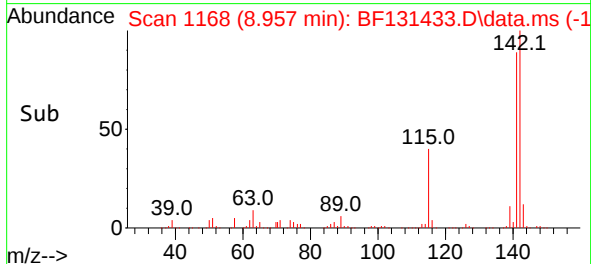
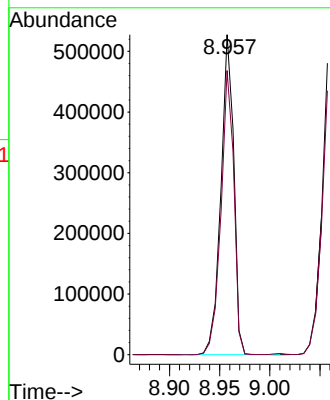
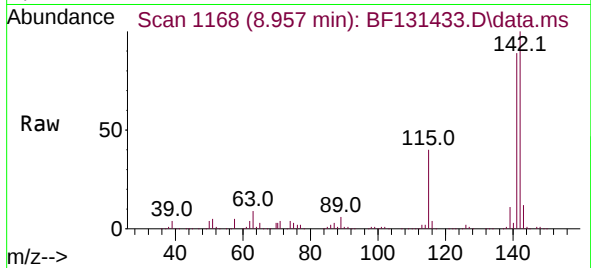




#37
2-Methylnaphthalene
Concen: 42.058 ng
RT: 8.957 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

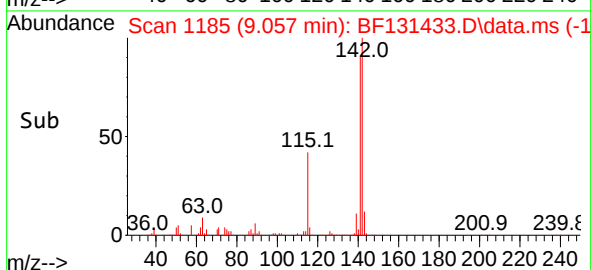
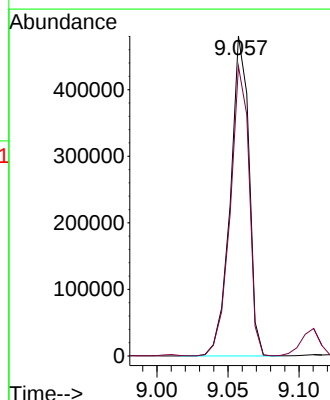
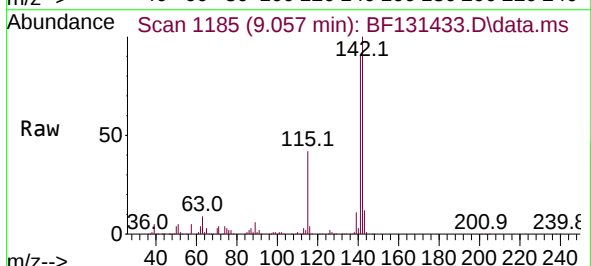
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

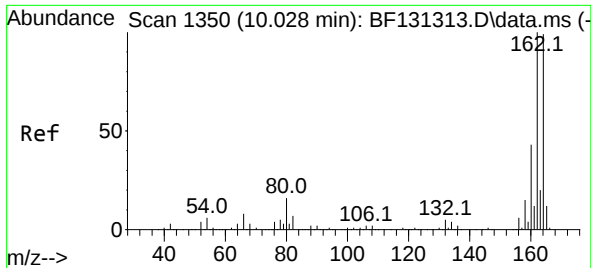
Tgt Ion:142 Resp: 469236
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4



#38
1-Methylnaphthalene
Concen: 40.605 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:142 Resp: 439298
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.0

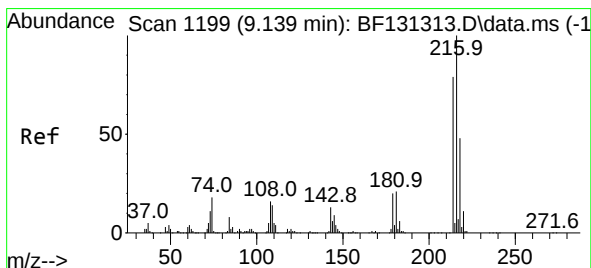
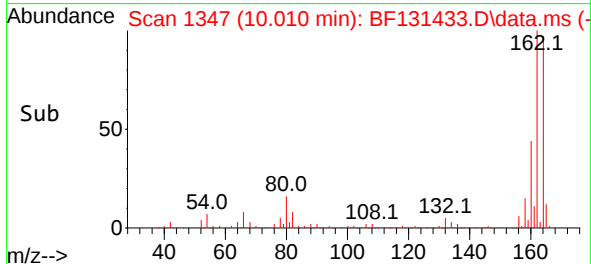
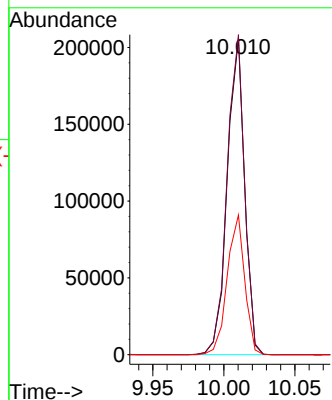
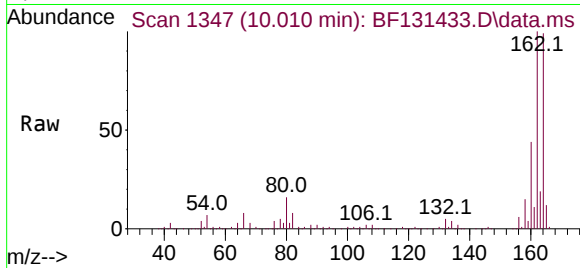




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

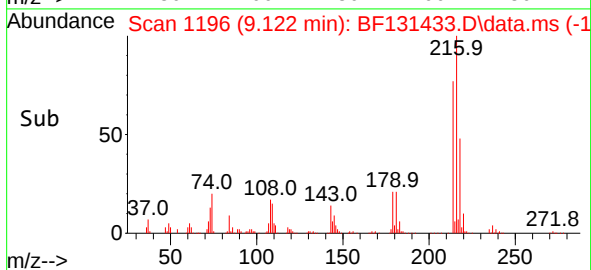
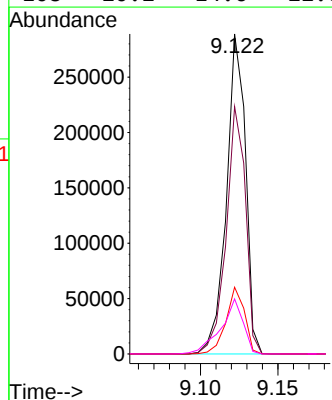
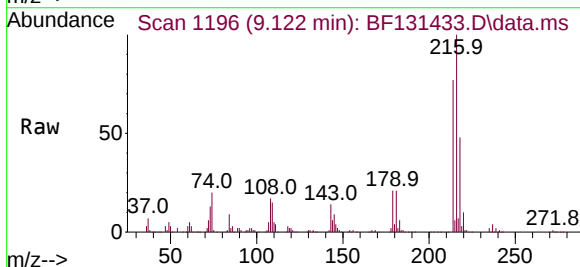
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

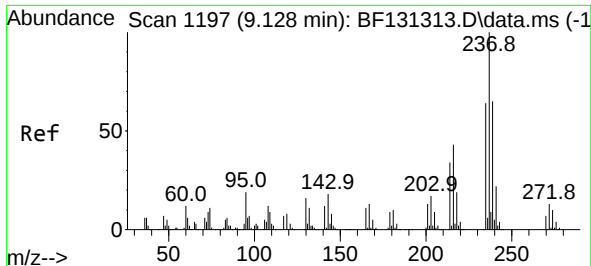
Tgt Ion:164 Resp: 174705
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.620 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:216 Resp: 247301
Ion Ratio Lower Upper
216 100
214 78.0 63.1 94.7
179 20.3 16.2 24.4
108 20.2 14.6 22.0

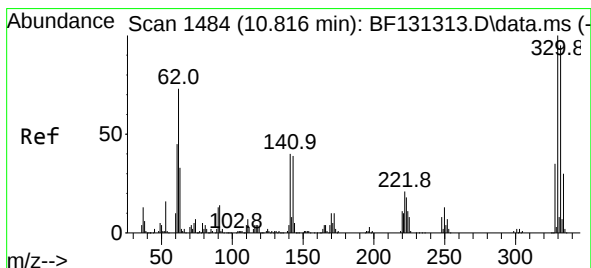
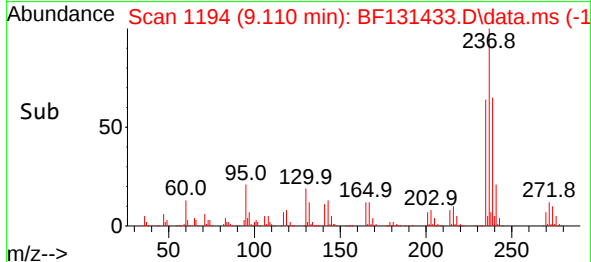
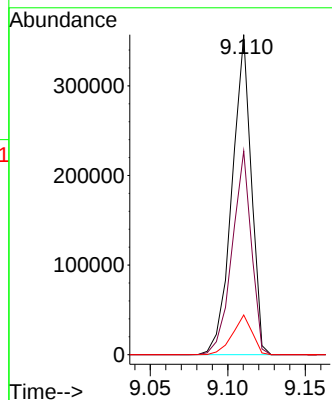
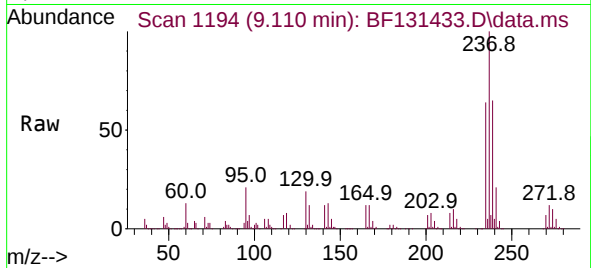




#41
Hexachlorocyclopentadiene
Concen: 121.060 ng
RT: 9.110 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

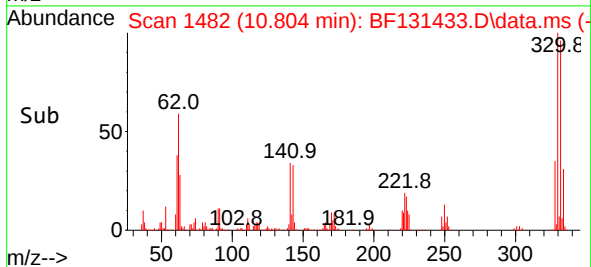
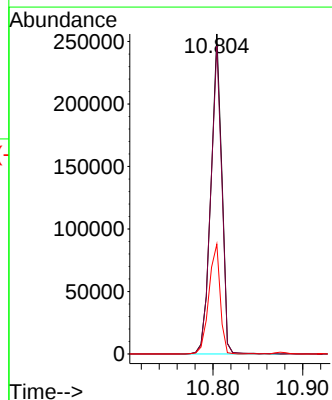
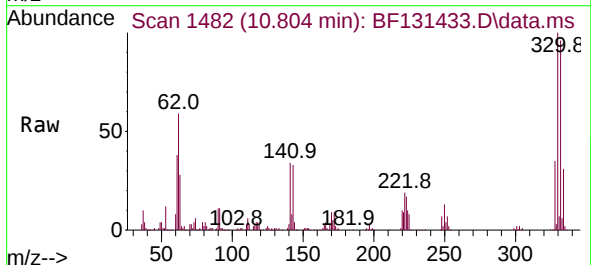
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

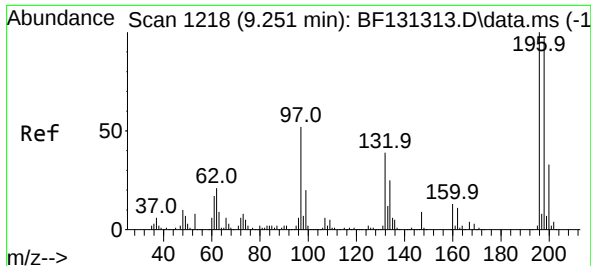
Tgt Ion:237 Resp: 308540
Ion Ratio Lower Upper
237 100
235 63.7 44.2 84.2
272 12.4 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 146.157 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:330 Resp: 214823
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 35.5 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 50.463 ng

RT: 9.234 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

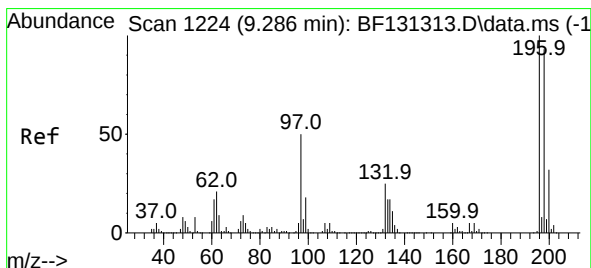
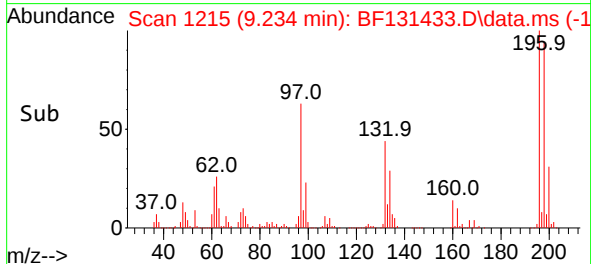
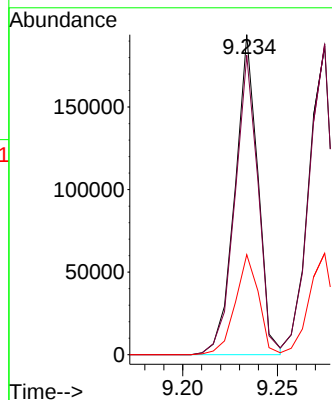
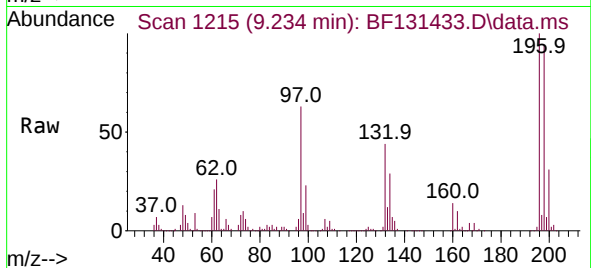
Tgt Ion:196 Resp: 162299

Ion Ratio Lower Upper

196 100

198 93.6 77.4 116.0

200 31.2 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 45.512 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Tgt Ion:196 Resp: 164595

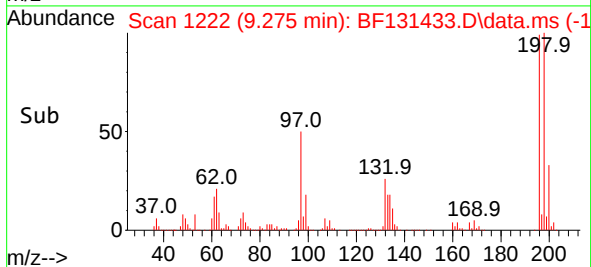
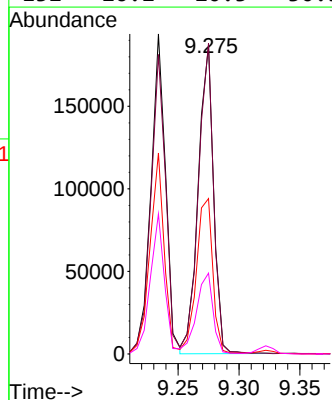
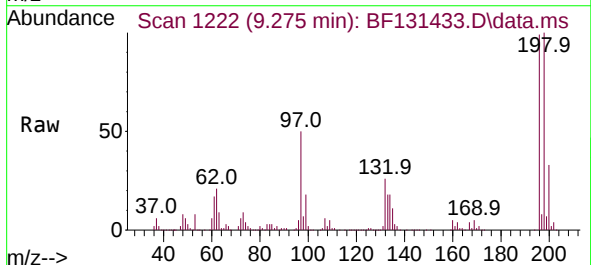
Ion Ratio Lower Upper

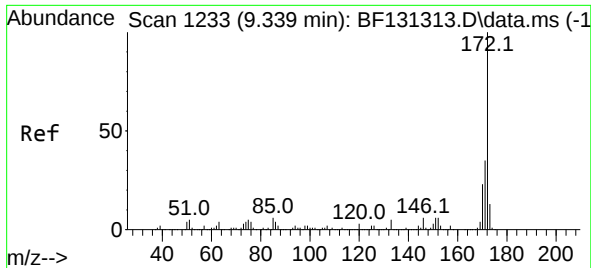
196 100

198 100.9 75.0 112.4

97 50.4 40.3 60.5

132 26.2 20.3 30.5

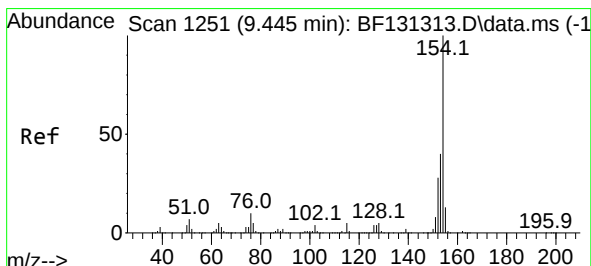
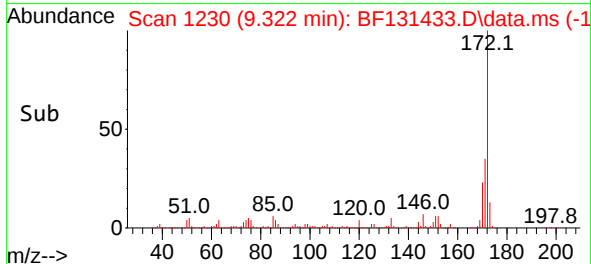
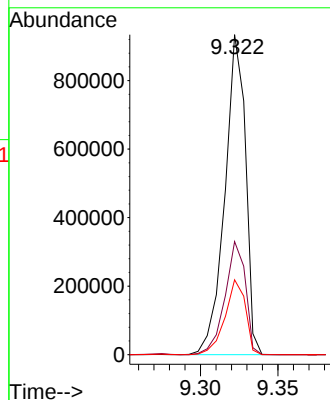
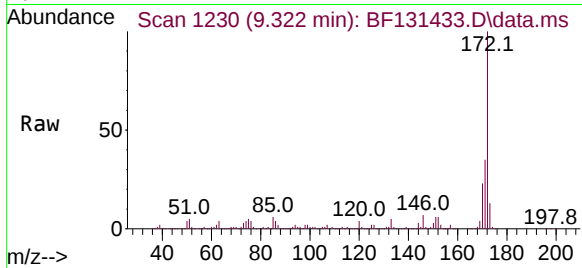




#45
2-Fluorobiphenyl
Concen: 72.344 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

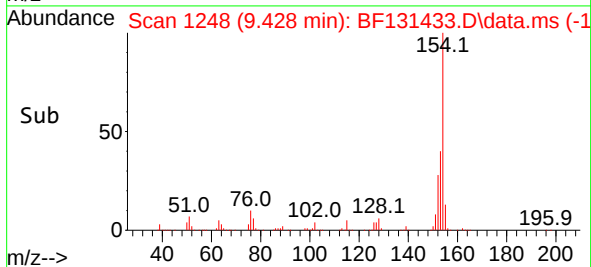
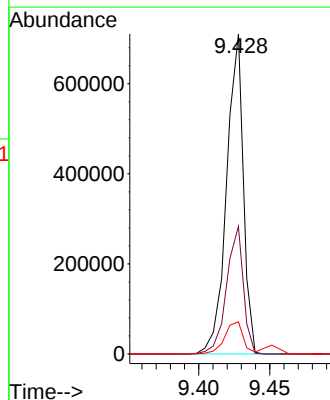
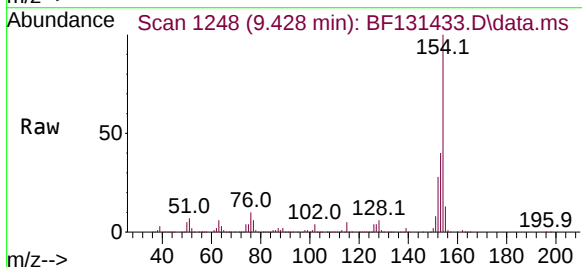
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

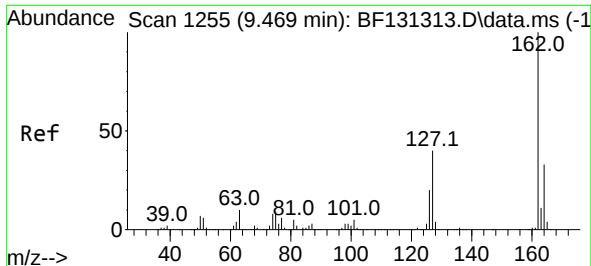
Tgt Ion:172 Resp: 868760
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 43.528 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:154 Resp: 580320
Ion Ratio Lower Upper
154 100
153 39.9 19.8 59.8
76 10.1 0.0 30.2





#47

2-Chloronaphthalene

Concen: 43.021 ng

RT: 9.451 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

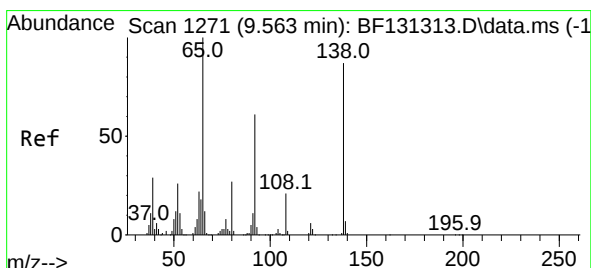
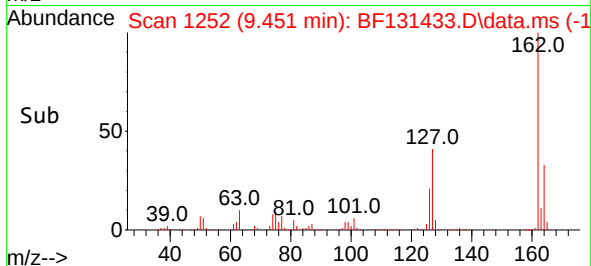
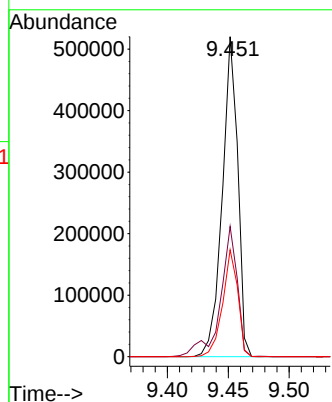
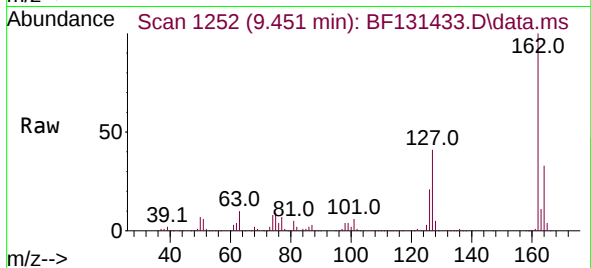
Tgt Ion:162 Resp: 460103

Ion Ratio Lower Upper

162 100

127 40.7 32.1 48.1

164 33.4 26.6 39.8



#48

2-Nitroaniline

Concen: 50.015 ng

RT: 9.546 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

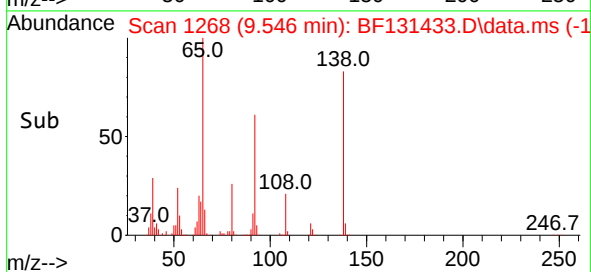
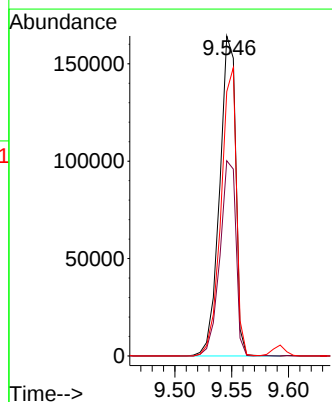
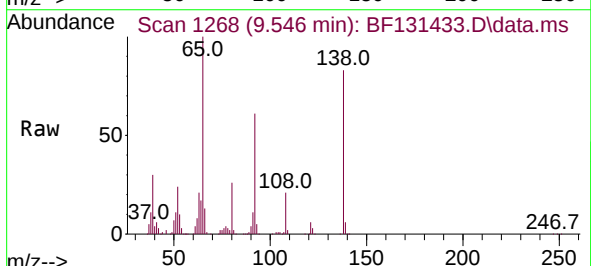
Tgt Ion: 65 Resp: 162413

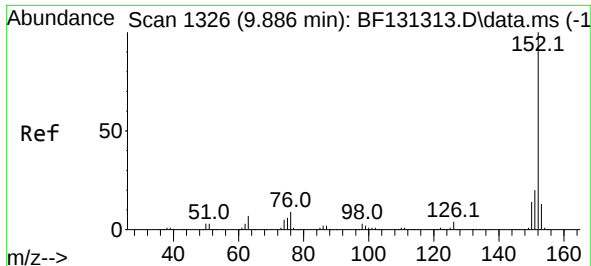
Ion Ratio Lower Upper

65 100

92 61.0 49.0 73.4

138 82.6 69.4 104.2





#49

Acenaphthylene

Concen: 42.781 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

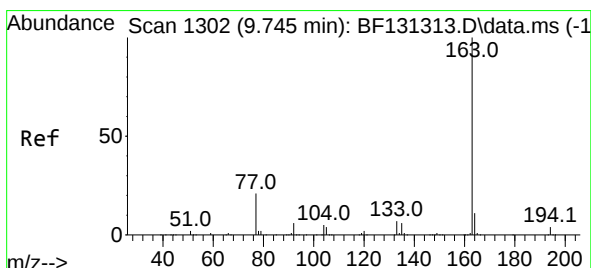
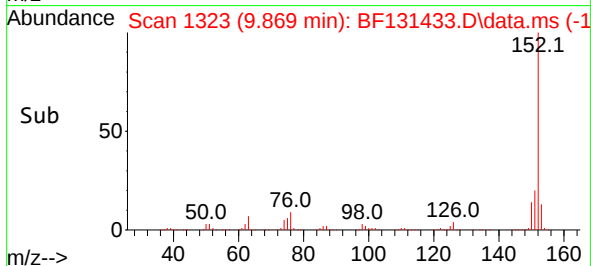
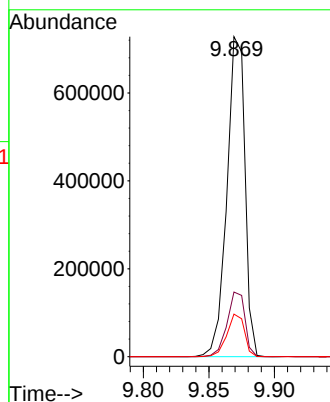
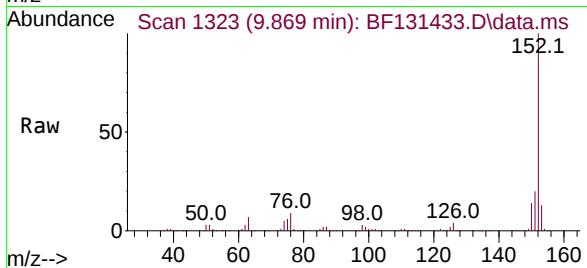
Tgt Ion:152 Resp: 697463

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 43.884 ng

RT: 9.728 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

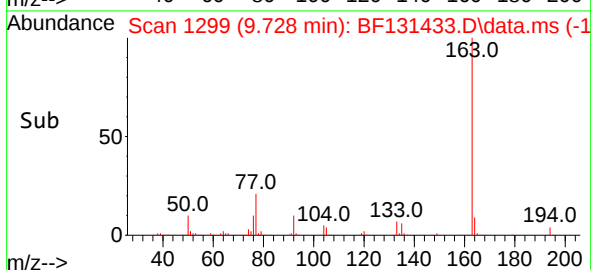
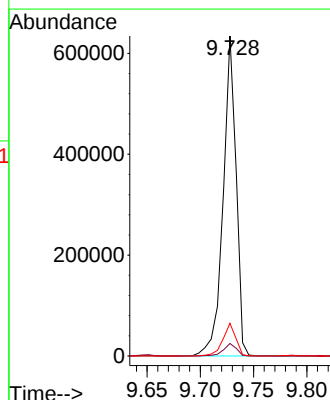
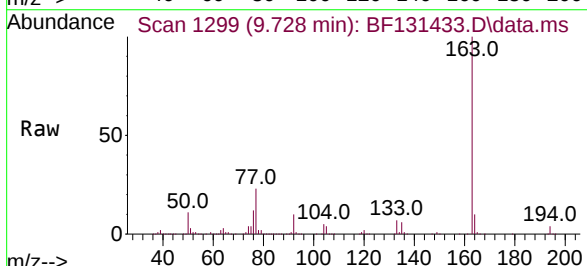
Tgt Ion:163 Resp: 534165

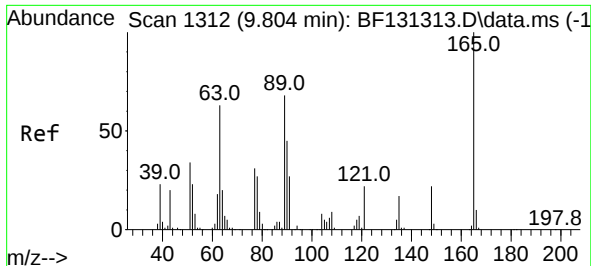
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.5 12.7

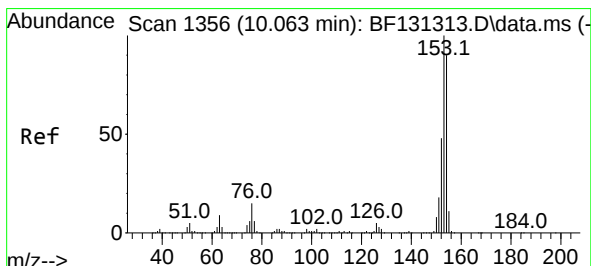
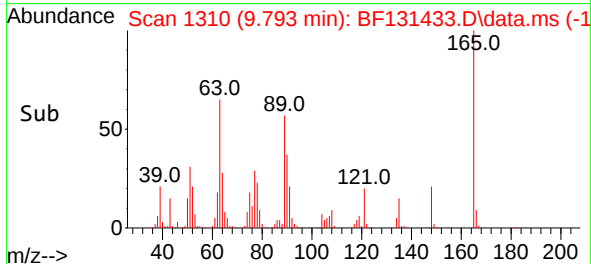
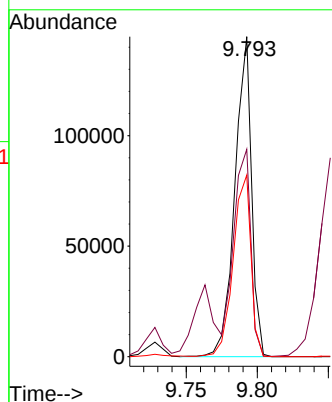
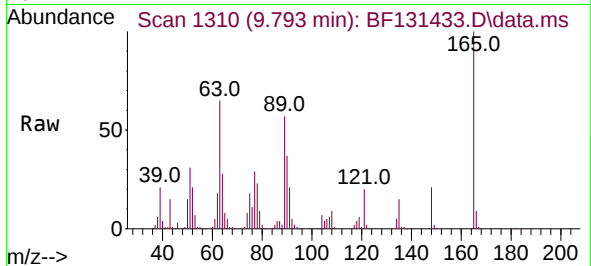




#51
2,6-Dinitrotoluene
Concen: 48.526 ng
RT: 9.793 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

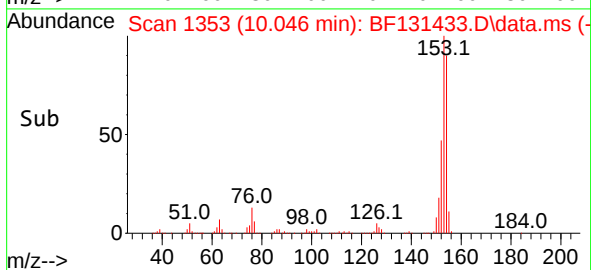
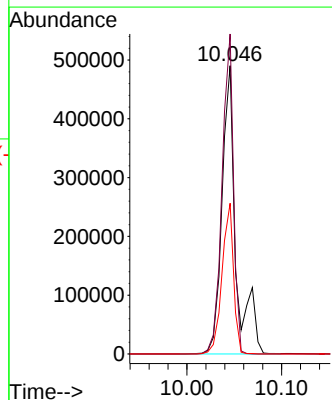
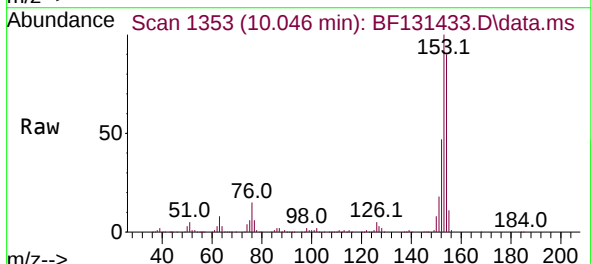
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

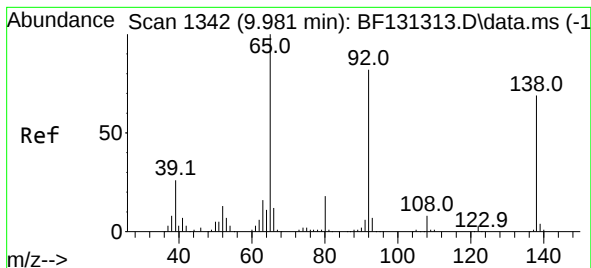
Tgt Ion:165 Resp: 118126
Ion Ratio Lower Upper
165 100
63 64.8 62.0 93.0
89 56.8 54.4 81.6



#52
Acenaphthene
Concen: 49.351 ng
RT: 10.046 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:154 Resp: 503814
Ion Ratio Lower Upper
154 100
153 111.0 88.4 132.6
152 52.3 42.8 64.2





#53

3-Nitroaniline

Concen: 31.053 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

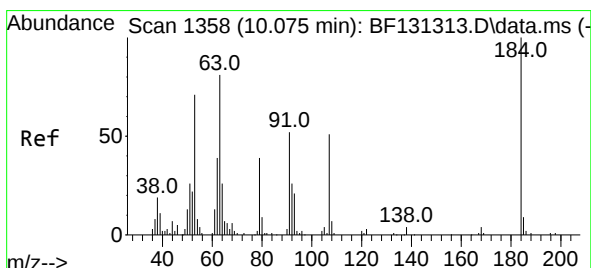
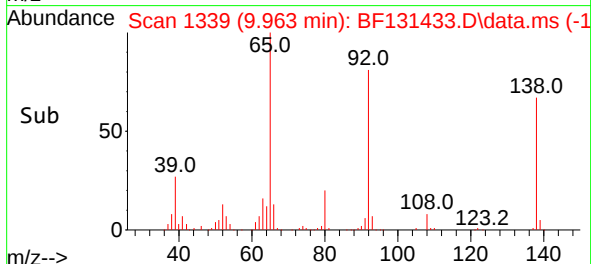
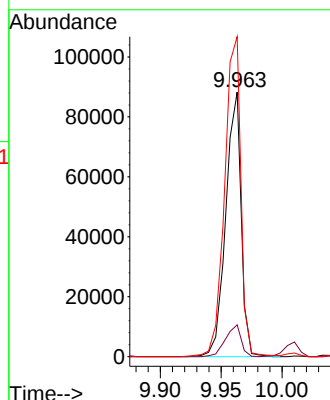
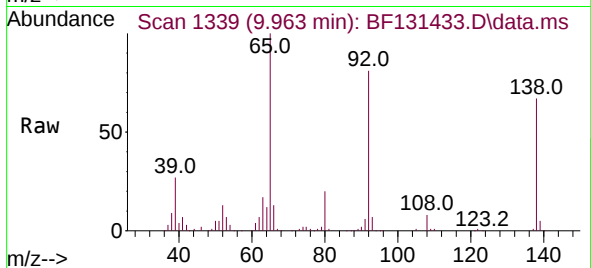
Tgt Ion:138 Resp: 77675

Ion Ratio Lower Upper

138 100

108 12.0 8.9 13.3

92 120.9 95.3 142.9



#54

2,4-Dinitrophenol

Concen: 104.776 ng

RT: 10.069 min Scan# 1357

Delta R.T. 0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

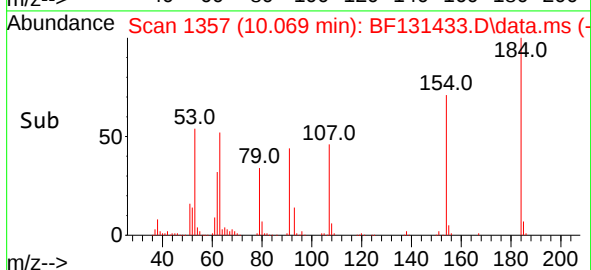
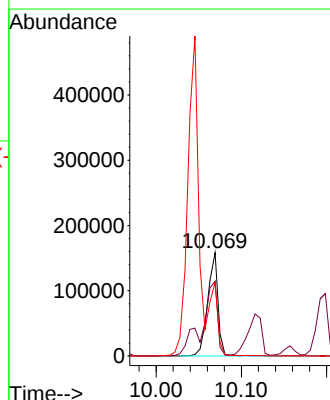
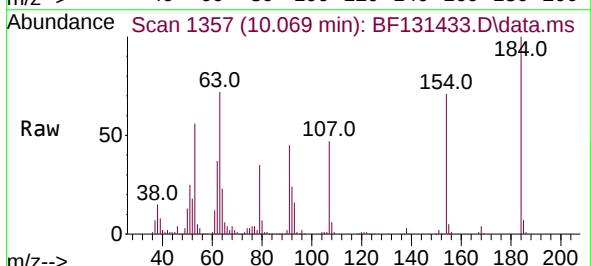
Tgt Ion:184 Resp: 132606

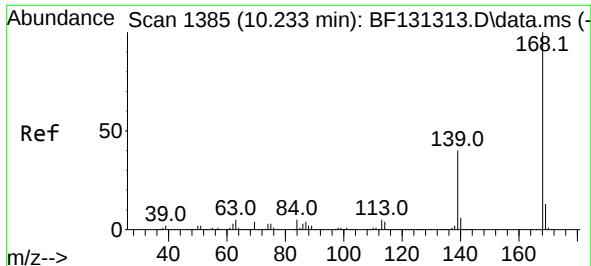
Ion Ratio Lower Upper

184 100

63 72.3 72.1 108.1

154 71.3 56.3 84.5

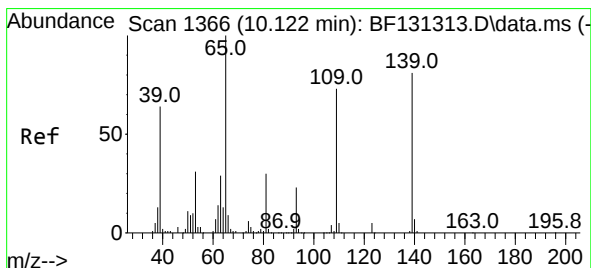
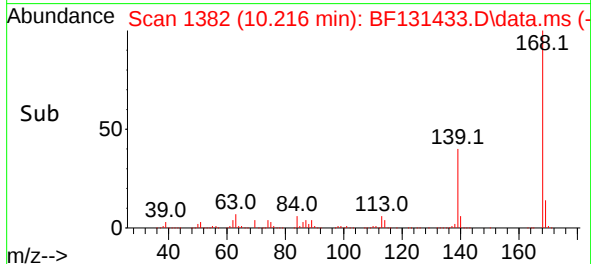
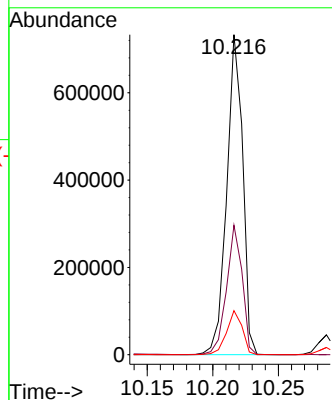
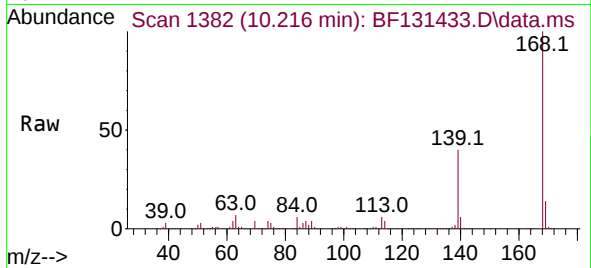




#55
Dibenzenofuran
Concen: 42.146 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

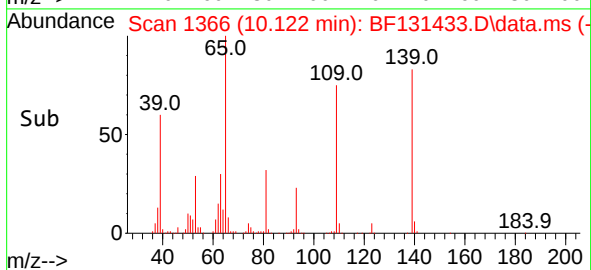
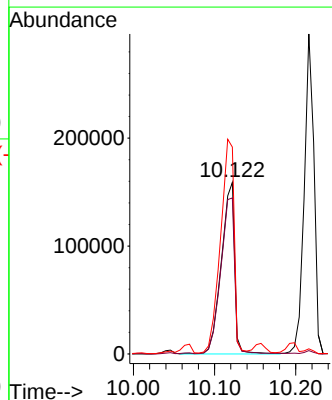
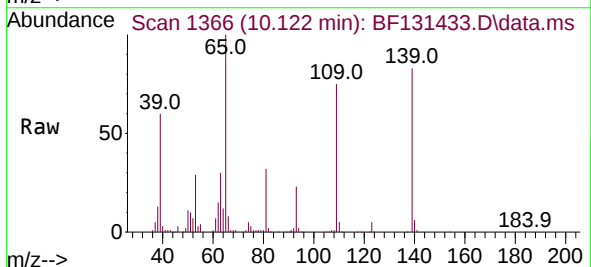
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

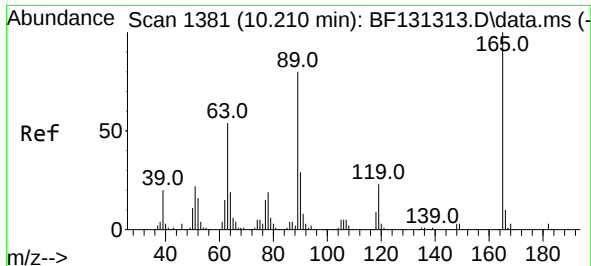
Tgt Ion:168 Resp: 619001
Ion Ratio Lower Upper
168 100
139 40.4 31.7 47.5
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 104.971 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:139 Resp: 182231
Ion Ratio Lower Upper
139 100
109 90.9 69.6 109.6
65 120.5 103.4 143.4

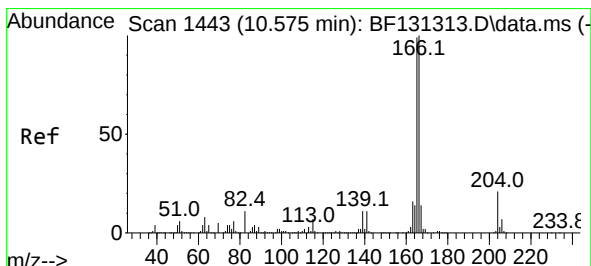
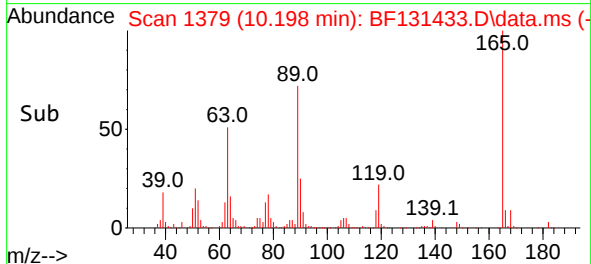
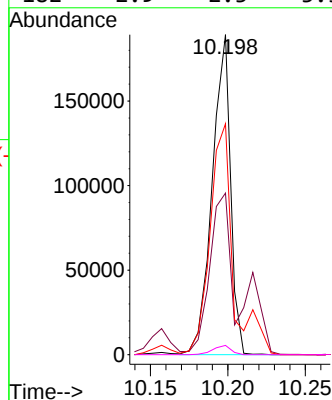
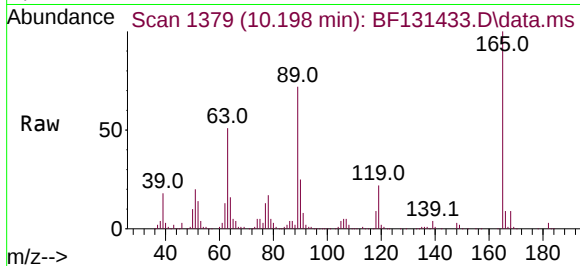




#57
2,4-Dinitrotoluene
Concen: 50.833 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

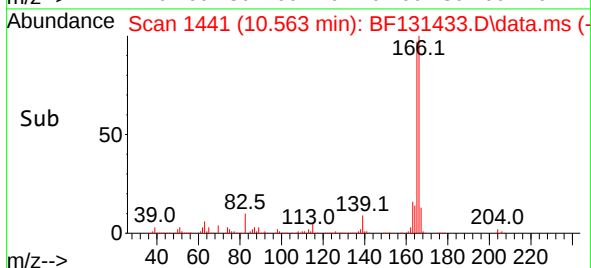
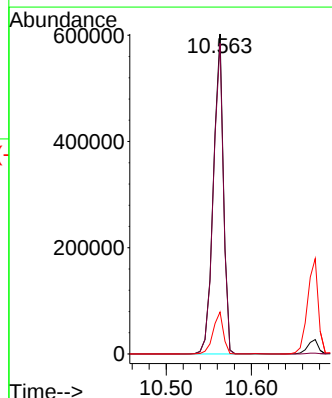
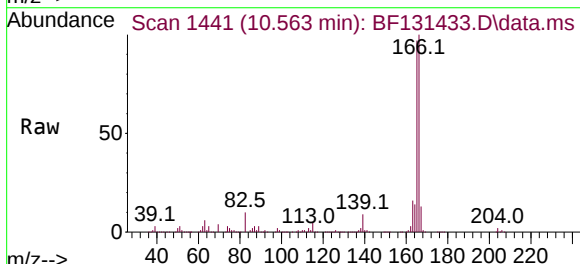
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

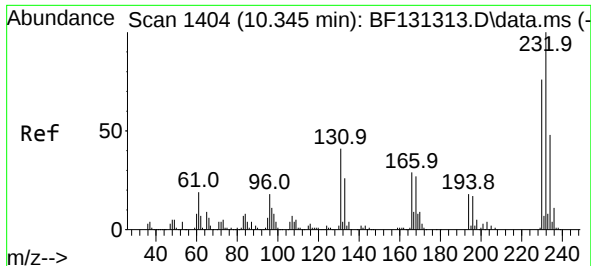
Tgt Ion:165 Resp: 155694
Ion Ratio Lower Upper
165 100
63 50.5 43.4 65.2
89 72.1 64.0 96.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 43.102 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:166 Resp: 494060
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.4
167 13.1 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.814 ng

RT: 10.328 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

Tgt Ion:232 Resp: 147019

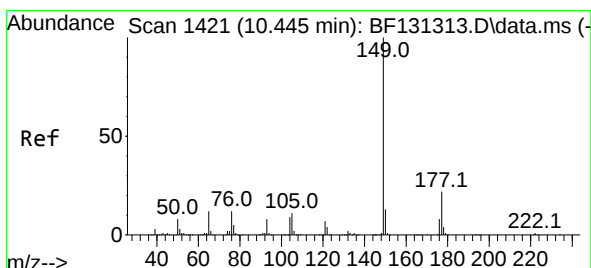
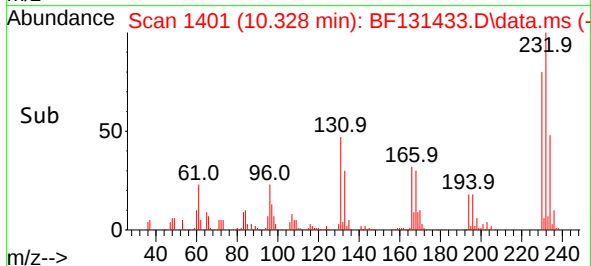
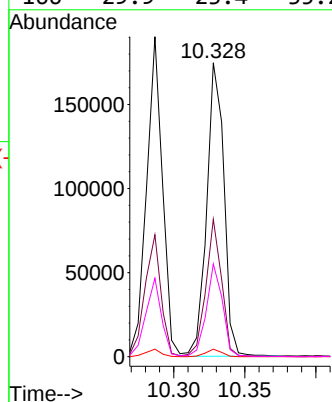
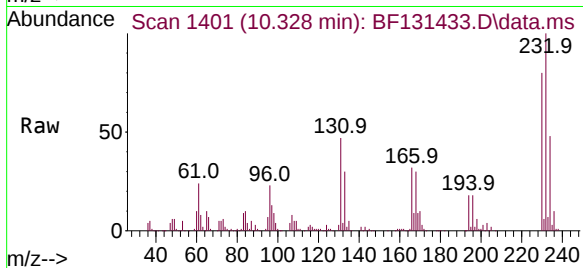
Ion Ratio Lower Upper

232 100

131 43.3 35.2 52.8

130 2.4 1.8 2.8

166 29.9 23.4 35.2



#60

Diethylphthalate

Concen: 44.333 ng

RT: 10.434 min Scan# 1419

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

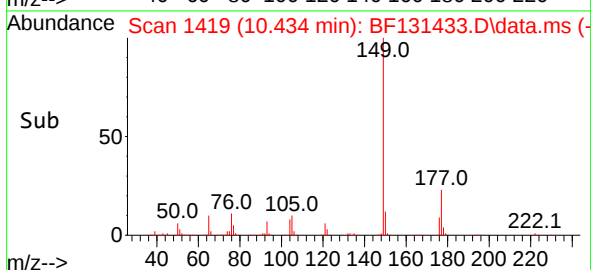
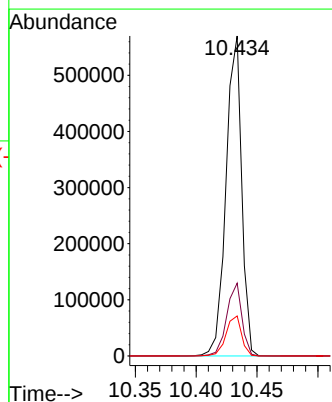
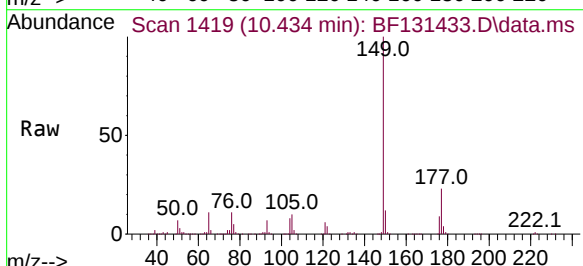
Tgt Ion:149 Resp: 509539

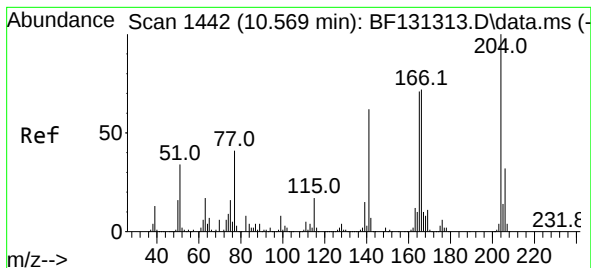
Ion Ratio Lower Upper

149 100

177 22.8 17.6 26.4

150 12.5 10.2 15.4

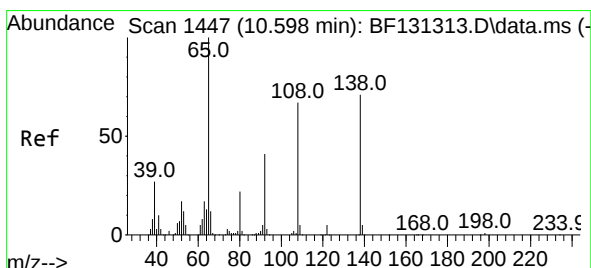
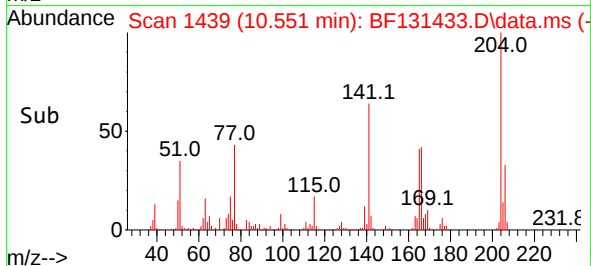
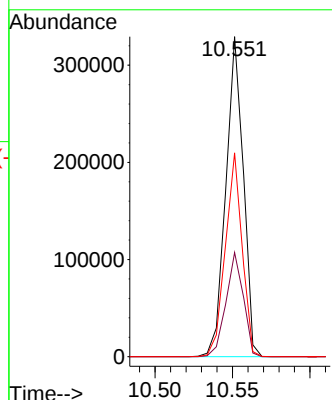
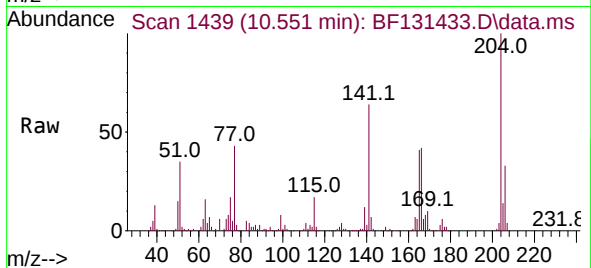




#61
4-Chlorophenyl-phenylether
Concen: 43.841 ng
RT: 10.551 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

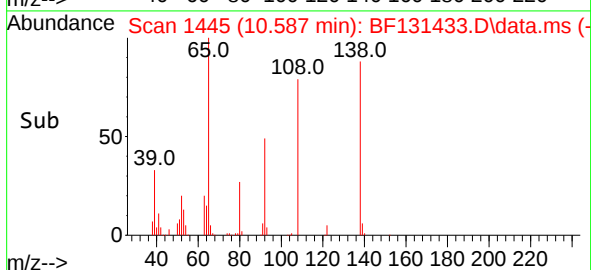
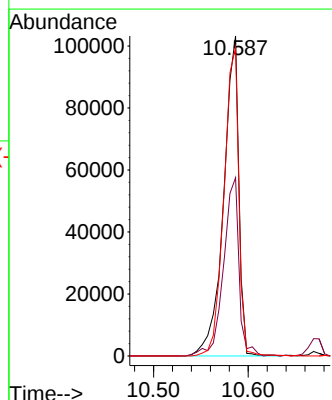
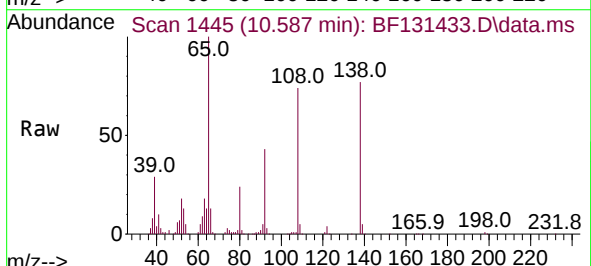
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

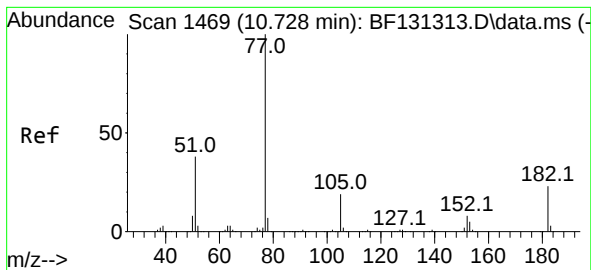
Tgt Ion:204 Resp: 257617
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 63.7 49.2 73.8



#62
4-Nitroaniline
Concen: 46.355 ng
RT: 10.587 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:138 Resp: 115398
Ion Ratio Lower Upper
138 100
92 55.7 37.0 77.0
108 96.3 74.0 114.0





#63

Azobenzene

Concen: 41.652 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

Tgt Ion: 77 Resp: 514742

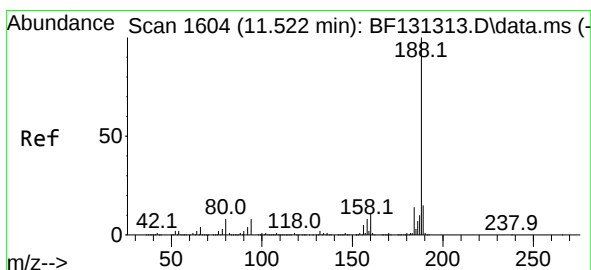
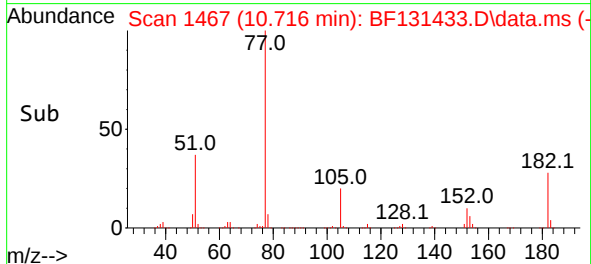
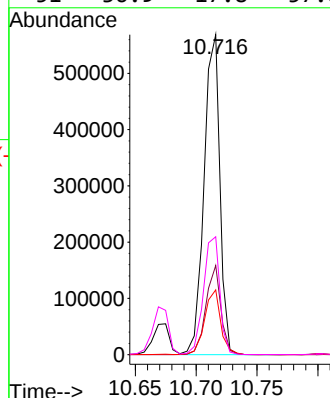
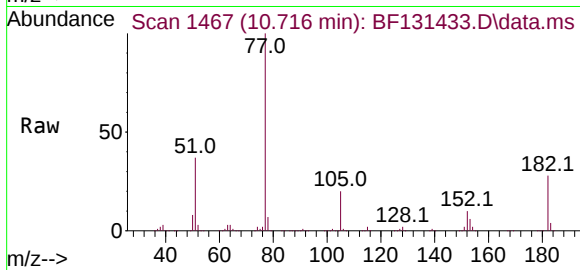
Ion Ratio Lower Upper

77 100

182 27.9 3.1 43.1

105 20.3 0.0 39.2

51 36.9 17.8 57.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

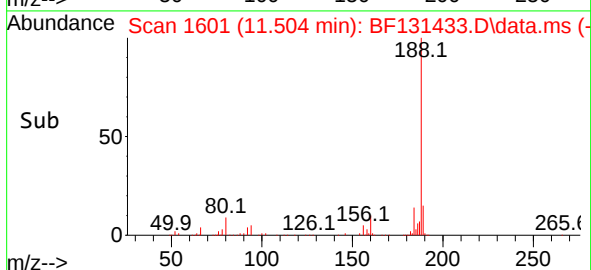
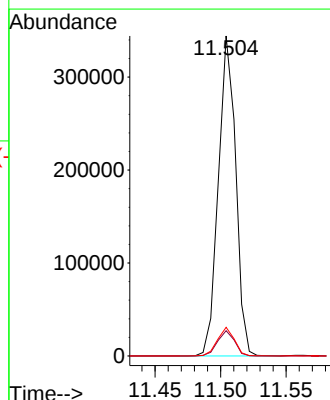
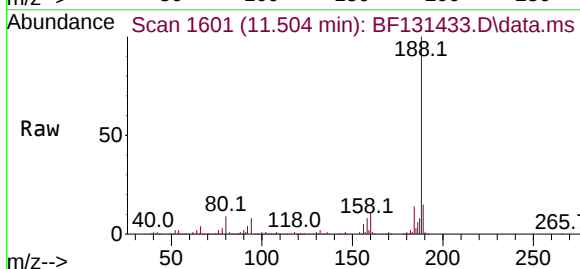
Tgt Ion: 188 Resp: 316302

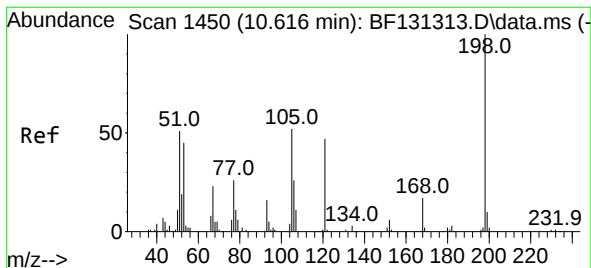
Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

80 9.0 6.8 10.2

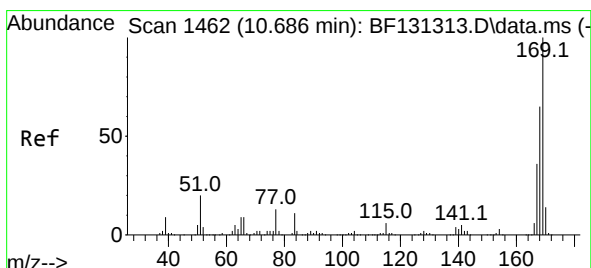
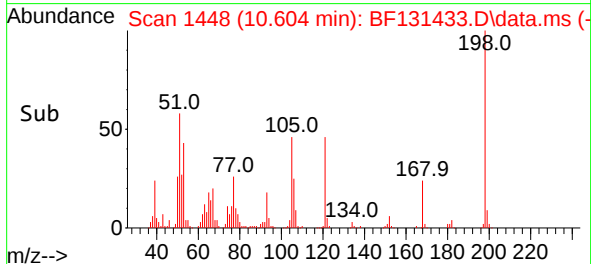
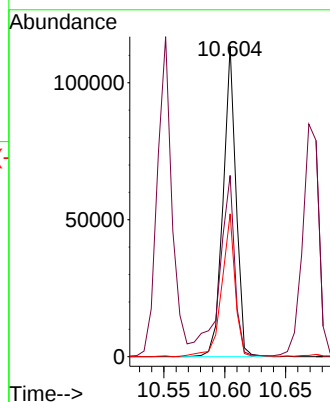
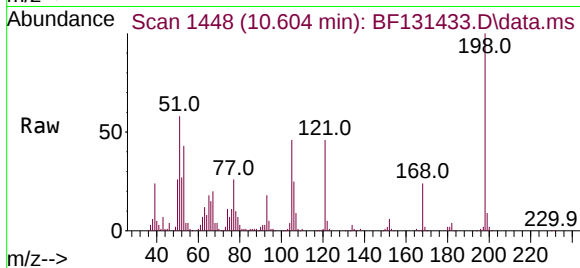




#65
4,6-Dinitro-2-methylphenol
Concen: 58.028 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

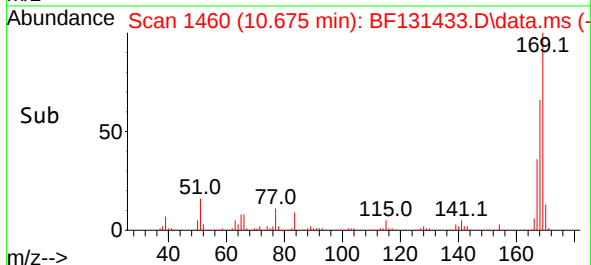
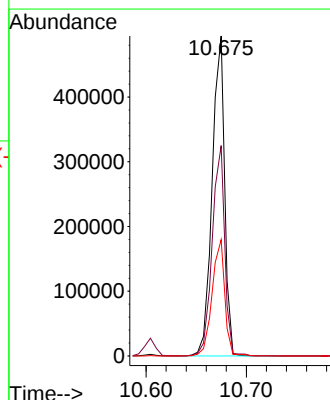
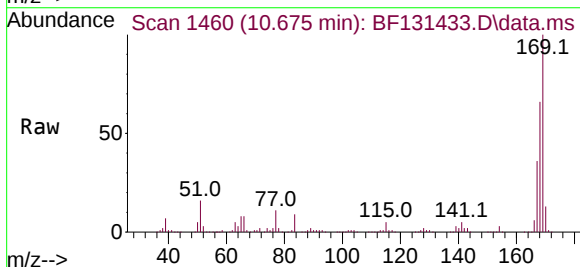
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

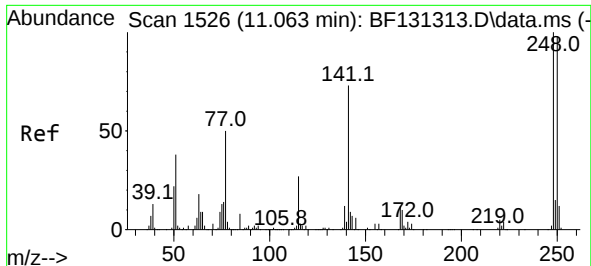
Tgt Ion:198 Resp: 83912
Ion Ratio Lower Upper
198 100
51 58.3 50.1 90.1
105 46.0 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 42.421 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:169 Resp: 427559
Ion Ratio Lower Upper
169 100
168 65.7 52.4 78.6
167 36.4 29.2 43.8

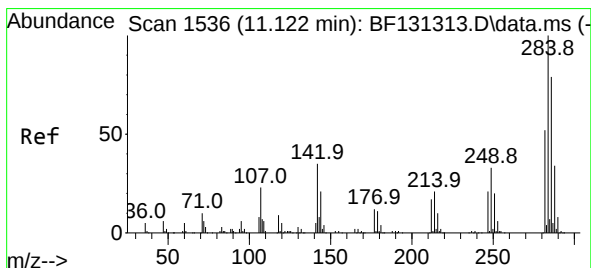
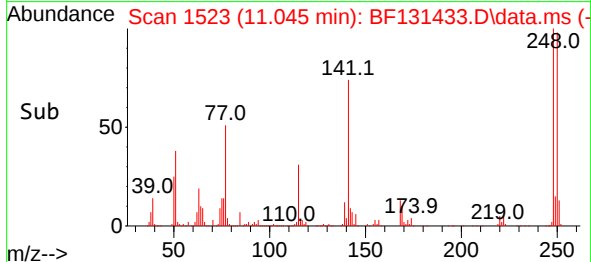
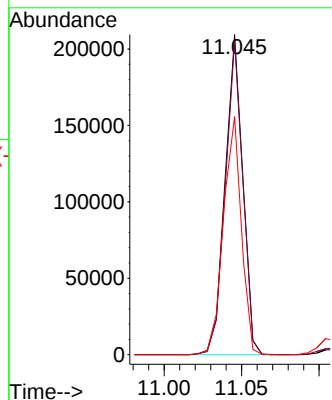
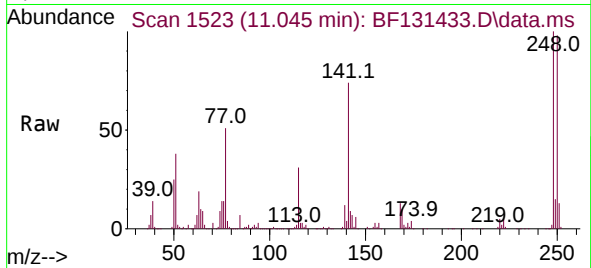




#67
4-Bromophenyl-phenylether
Concen: 42.932 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

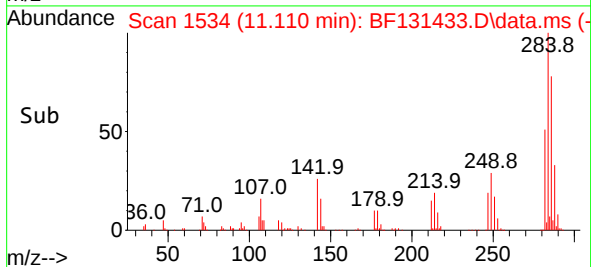
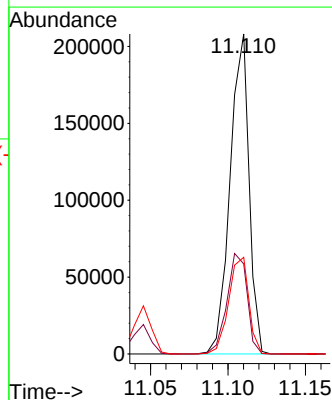
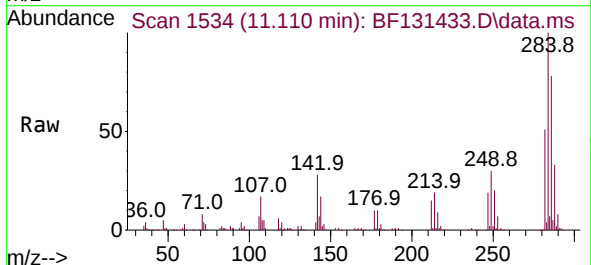
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

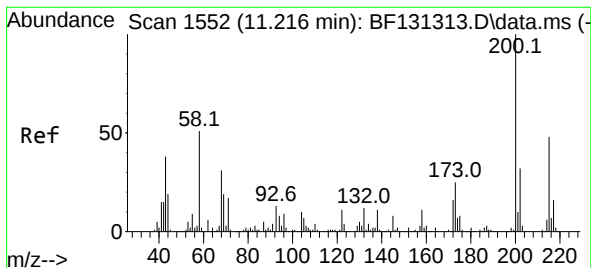
Tgt Ion:248 Resp: 166434
Ion Ratio Lower Upper
248 100
250 98.0 78.3 117.5
141 74.4 58.0 87.0



#68
Hexachlorobenzene
Concen: 43.005 ng
RT: 11.110 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:284 Resp: 176945
Ion Ratio Lower Upper
284 100
142 28.2 28.4 42.6#
249 30.2 26.5 39.7





#69

Atrazine

Concen: 49.980 ng

RT: 11.204 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

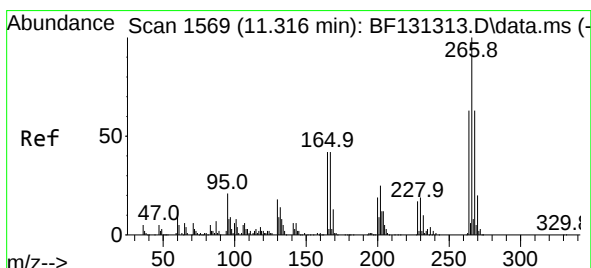
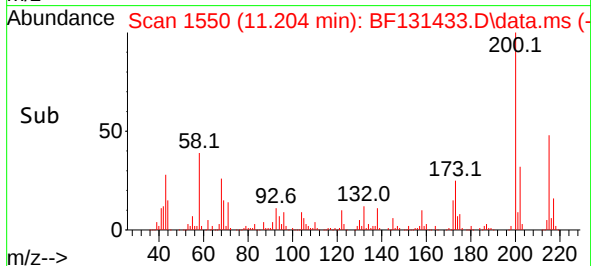
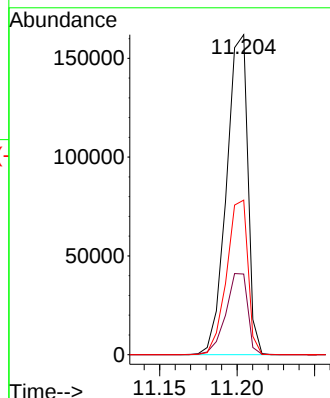
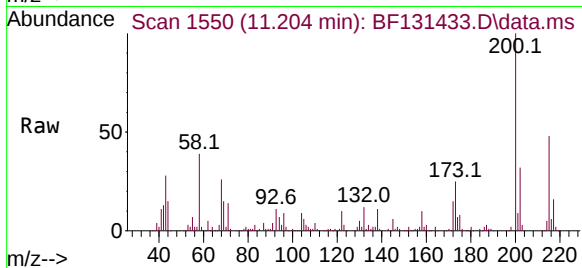
Tgt Ion:200 Resp: 155097

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

215 48.3 28.3 68.3



#70

Pentachlorophenol

Concen: 84.090 ng

RT: 11.304 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

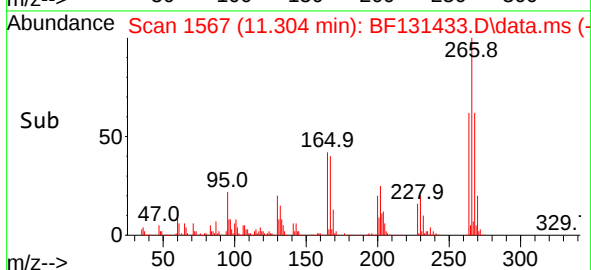
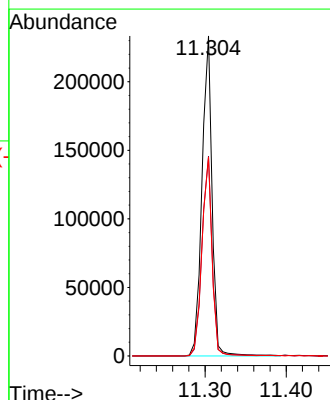
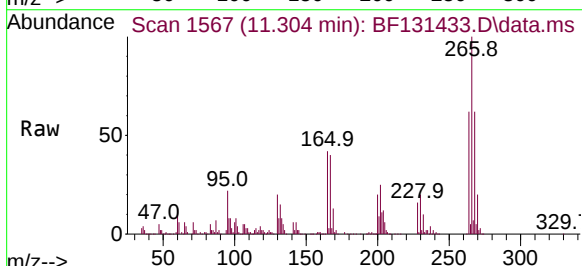
Tgt Ion:266 Resp: 201677

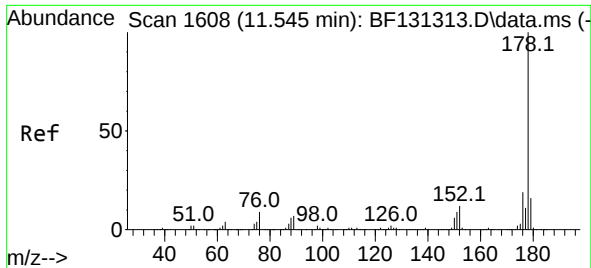
Ion Ratio Lower Upper

266 100

268 62.4 50.6 75.8

264 62.1 50.4 75.6

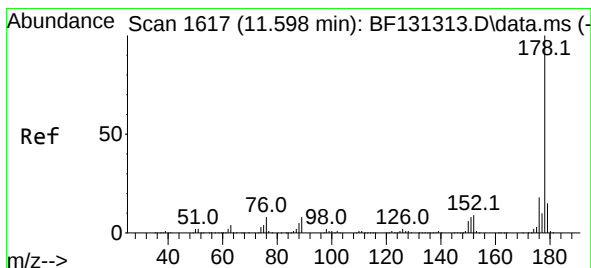
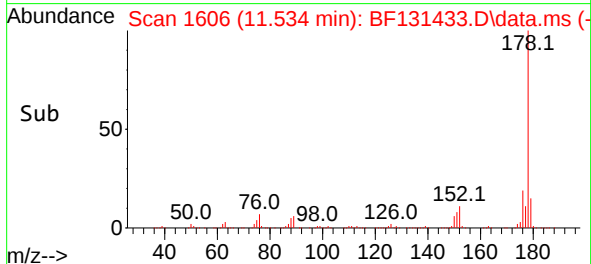
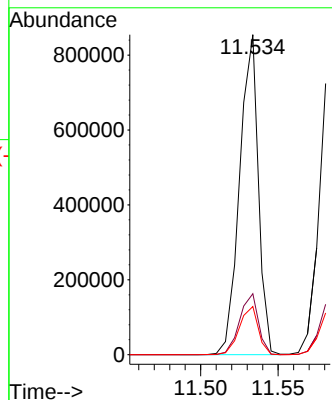
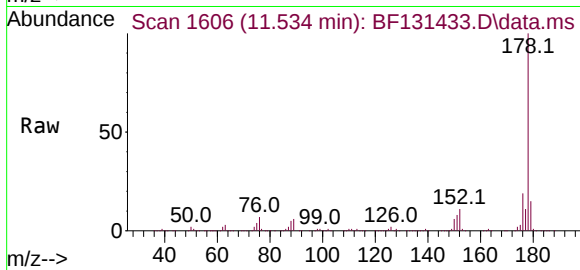




#71
Phenanthrene
Concen: 42.033 ng
RT: 11.534 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

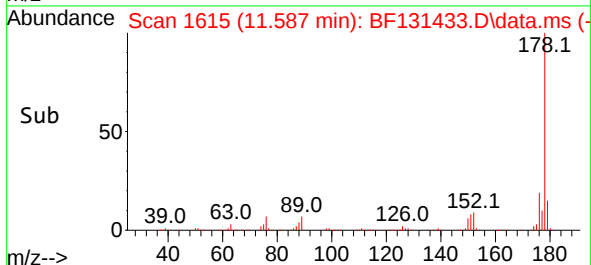
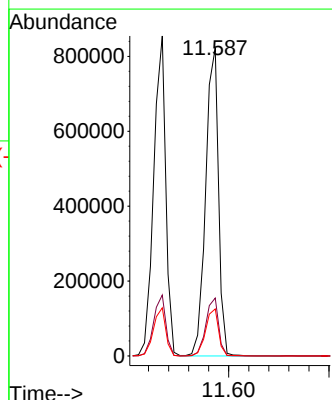
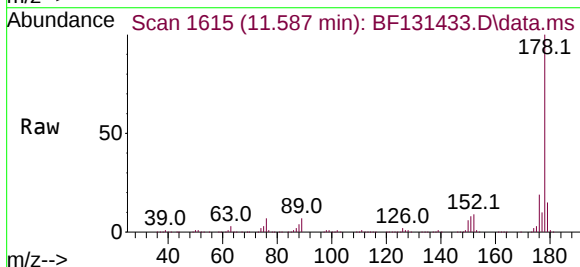
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

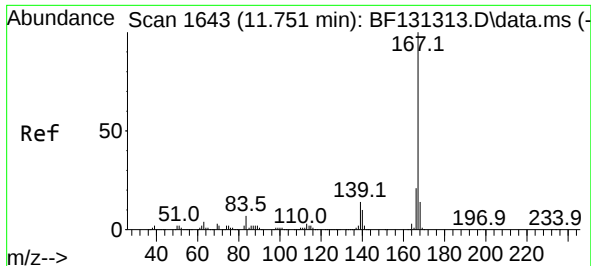
Tgt Ion:178 Resp: 718519
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.1 12.4 18.6



#72
Anthracene
Concen: 43.658 ng
RT: 11.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:178 Resp: 733426
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.3 12.2 18.4

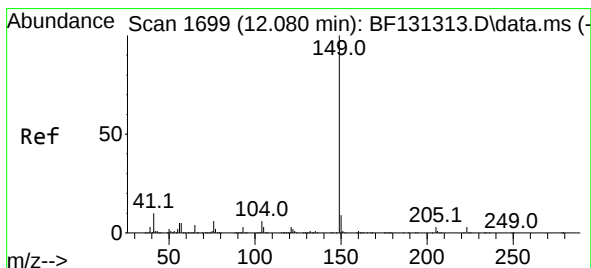
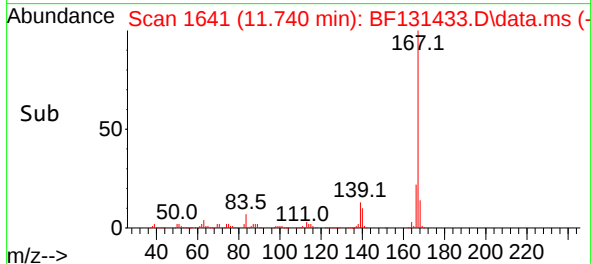
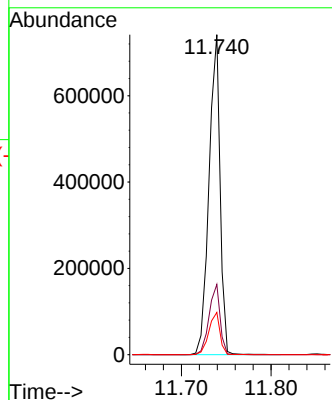
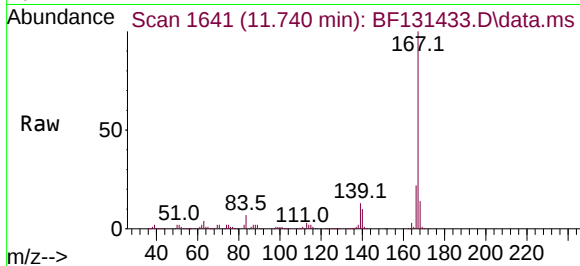




#73
Carbazole
Concen: 44.304 ng
RT: 11.740 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

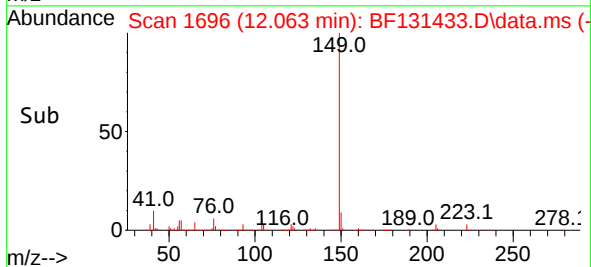
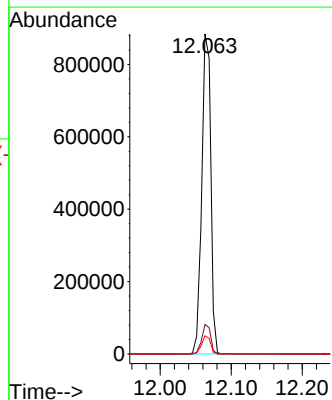
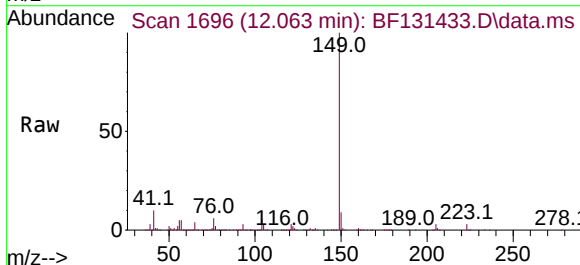
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

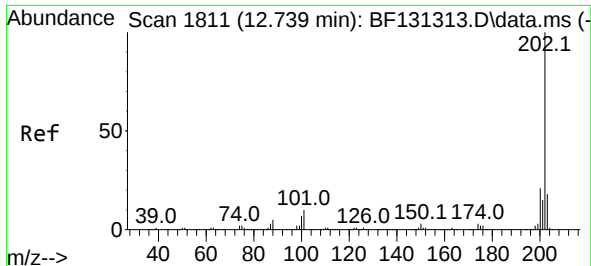
Tgt Ion:167 Resp: 634879
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 13.2 10.8 16.2



#74
Di-n-butylphthalate
Concen: 46.444 ng
RT: 12.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

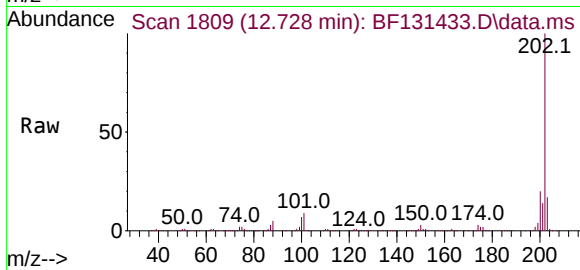
Tgt Ion:149 Resp: 784258
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.7 4.7 7.1



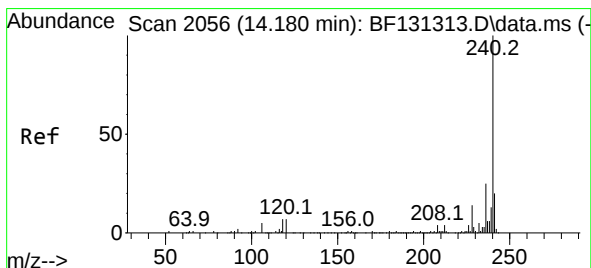
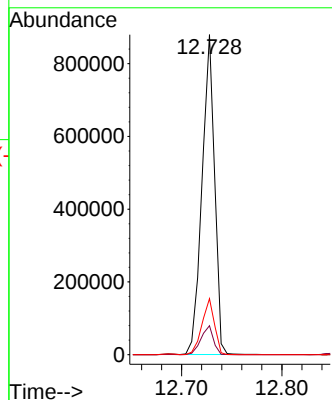
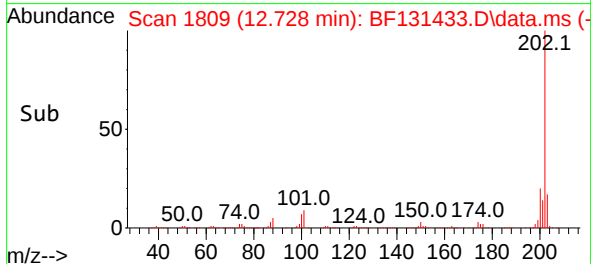


#75
Fluoranthene
Concen: 42.801 ng
RT: 12.728 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Instrument :
BNA_F
ClientSampleId :
CR-5MSD

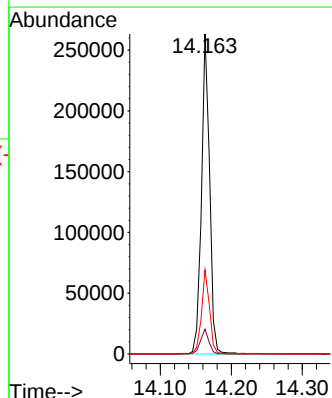
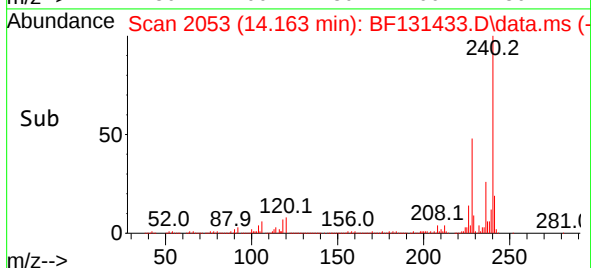
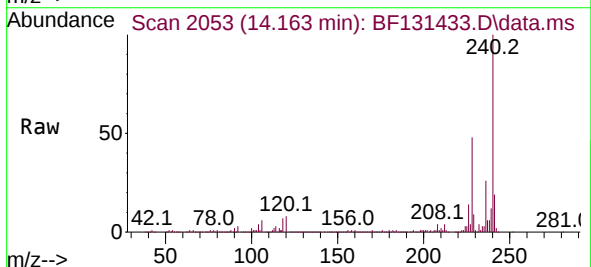


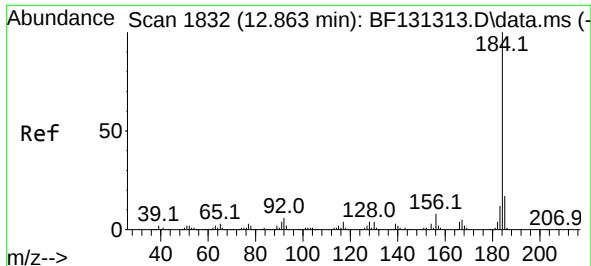
Tgt Ion:202 Resp: 770953
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.6
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:240 Resp: 210011
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 26.2 20.3 30.5

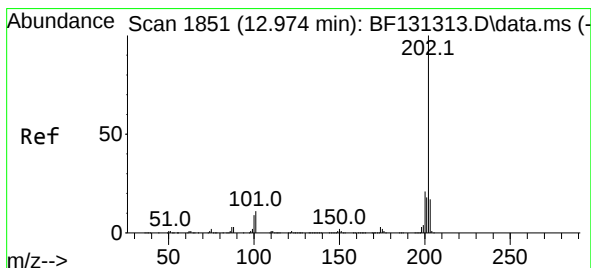
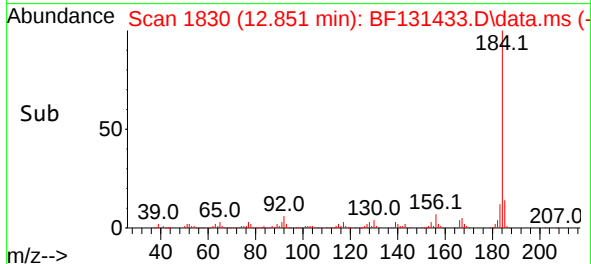
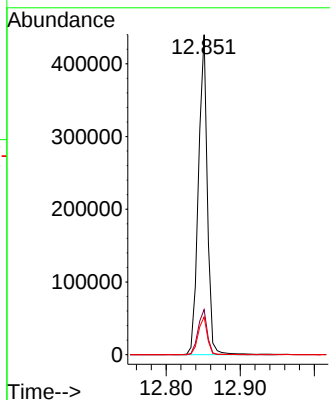
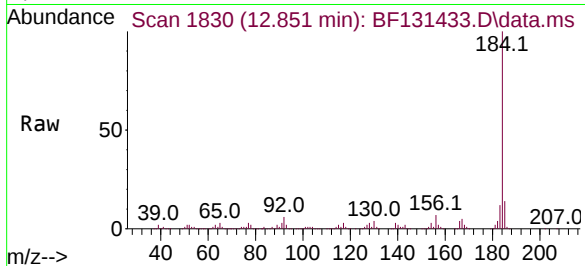




#77
Benzidine
Concen: 94.887 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

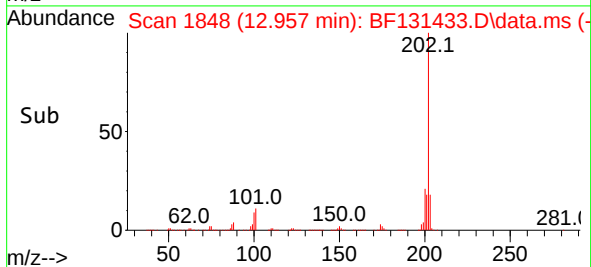
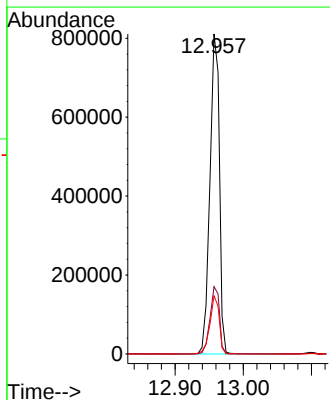
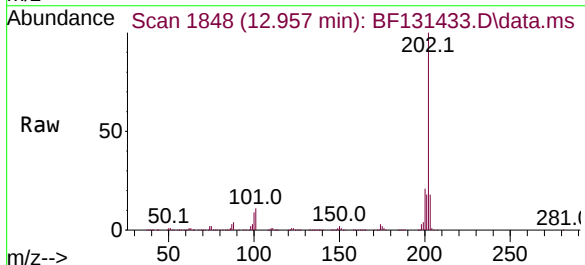
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

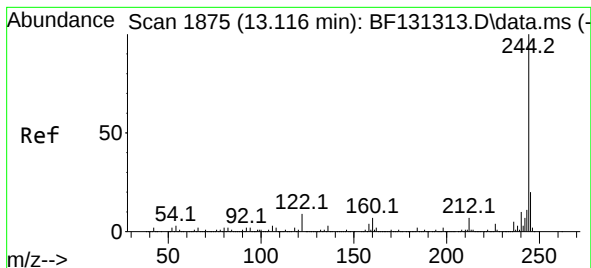
Tgt Ion:184 Resp: 368082
Ion Ratio Lower Upper
184 100
185 14.1 13.8 20.8
183 11.8 9.6 14.4



#78
Pyrene
Concen: 42.351 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:202 Resp: 784723
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 18.1 13.9 20.9





#79

Terphenyl-d14

Concen: 75.412 ng

RT: 13.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

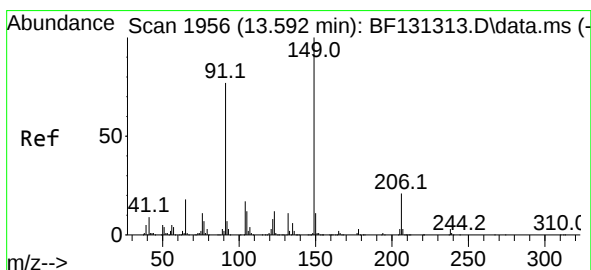
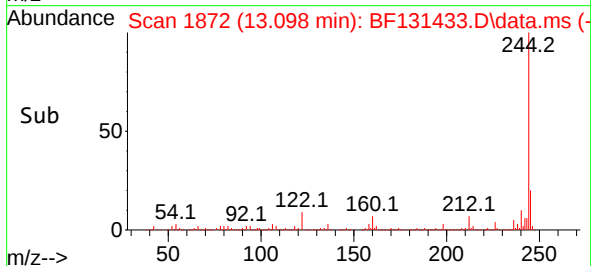
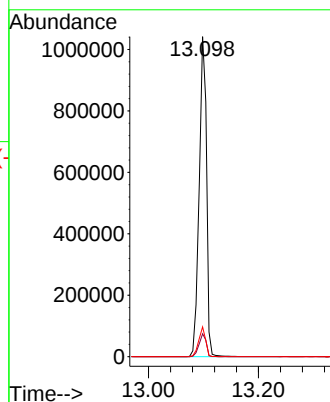
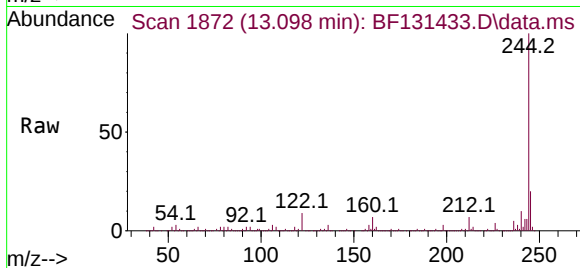
Tgt Ion:244 Resp: 968490

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.3 7.5 11.3



#80

Butylbenzylphthalate

Concen: 47.656 ng

RT: 13.575 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

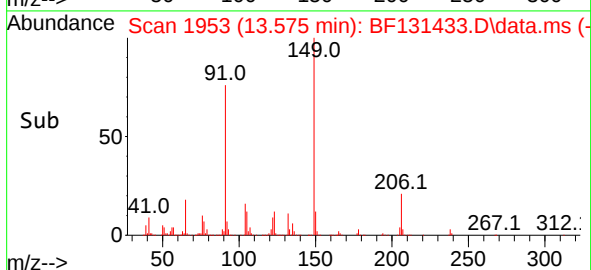
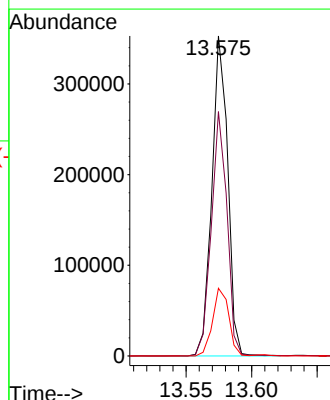
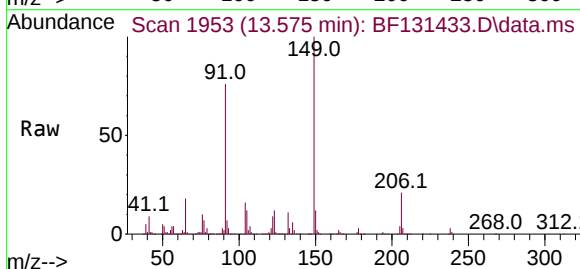
Tgt Ion:149 Resp: 296874

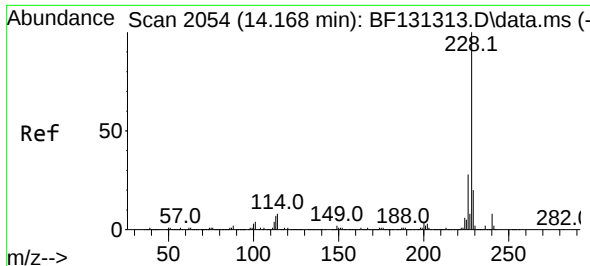
Ion Ratio Lower Upper

149 100

91 76.3 61.9 92.9

206 21.2 16.5 24.7

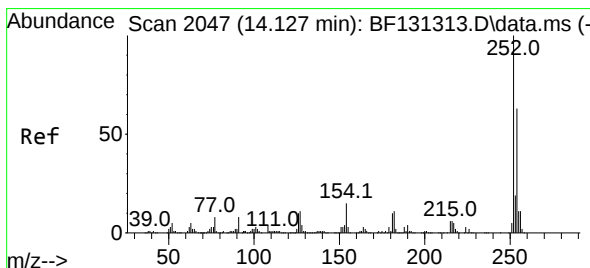
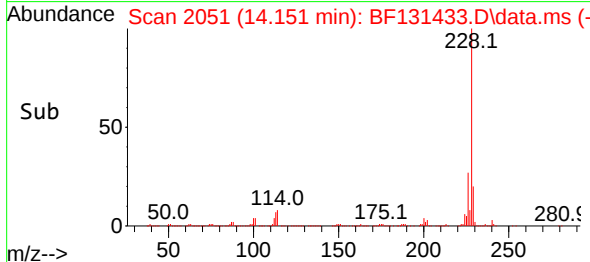
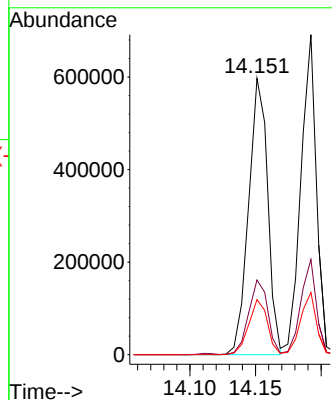
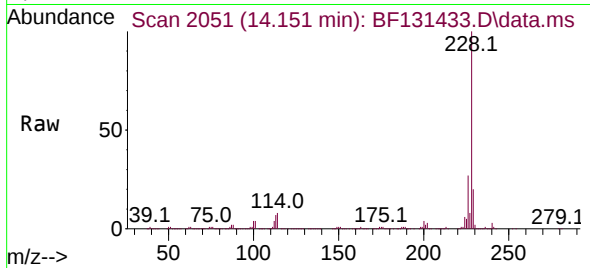




#81
Benzo(a)anthracene
Concen: 42.025 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

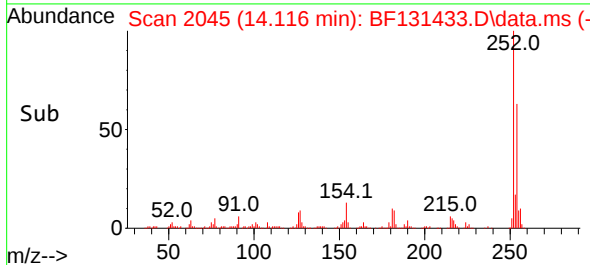
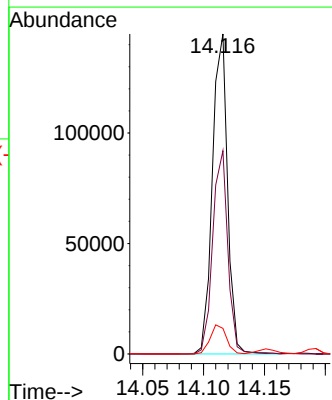
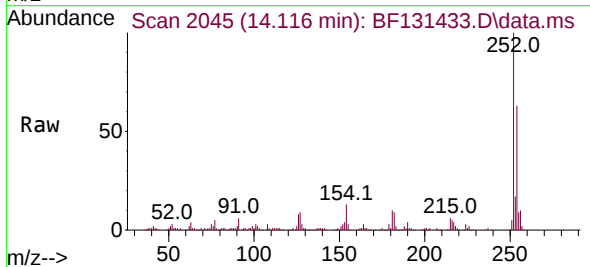
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

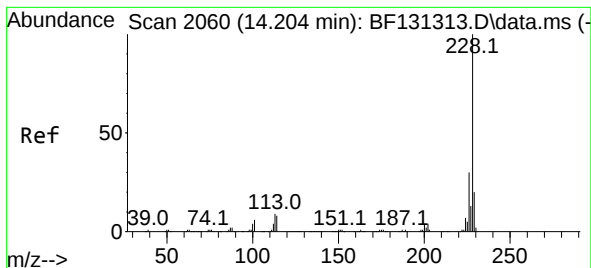
Tgt Ion:228 Resp: 604953
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 32.844 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:252 Resp: 125461
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 8.0 8.3 12.5#





#83

Chrysene

Concen: 40.707 ng

RT: 14.192 min Scan# 2058

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

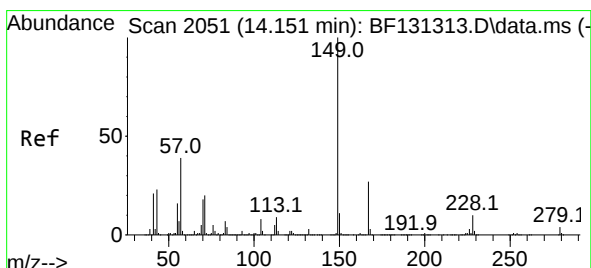
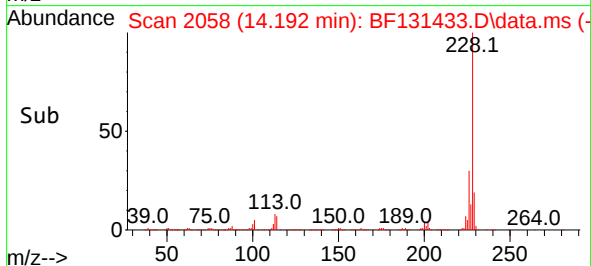
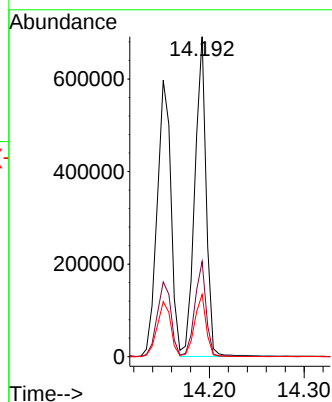
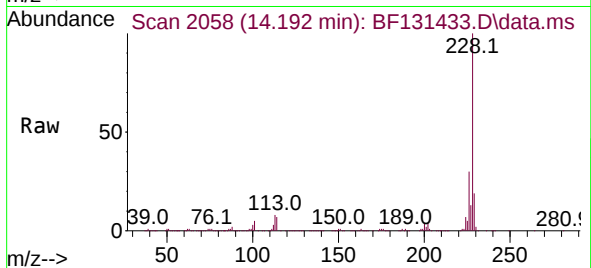
Tgt Ion:228 Resp: 574904

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.241 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

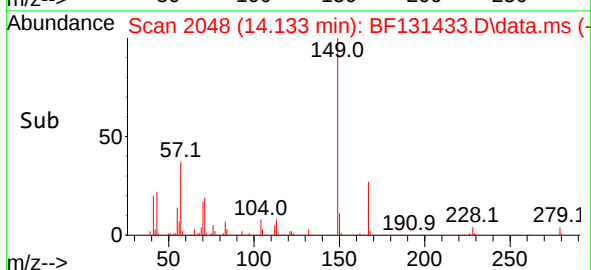
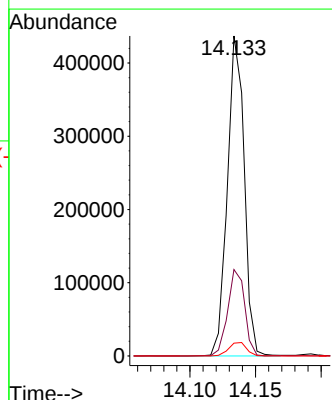
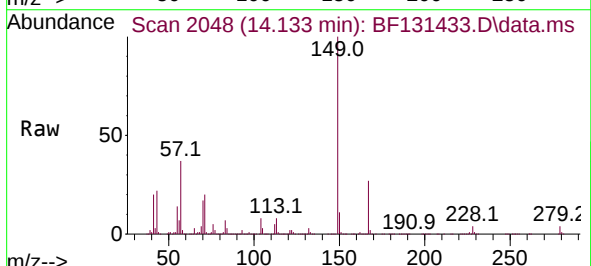
Tgt Ion:149 Resp: 390274

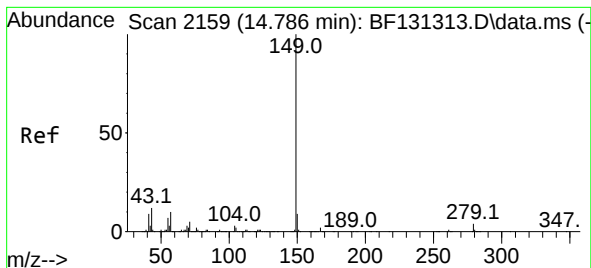
Ion Ratio Lower Upper

149 100

167 27.0 21.9 32.9

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 50.284 ng

RT: 14.763 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

Instrument :

BNA_F

ClientSampleId :

CR-5MSD

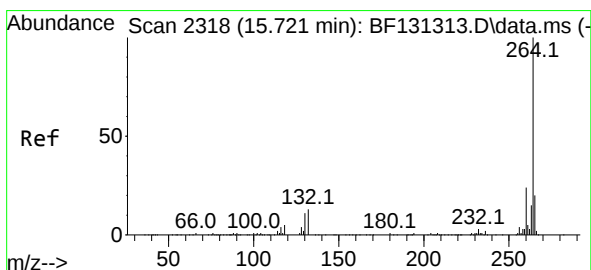
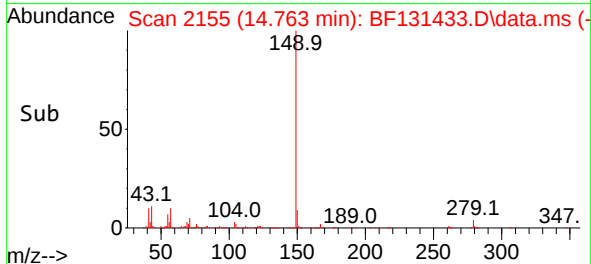
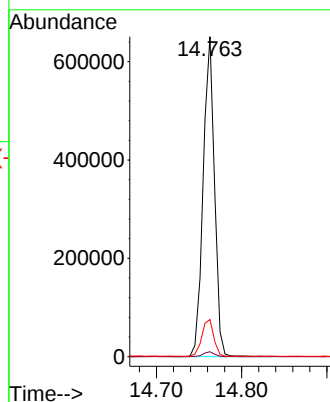
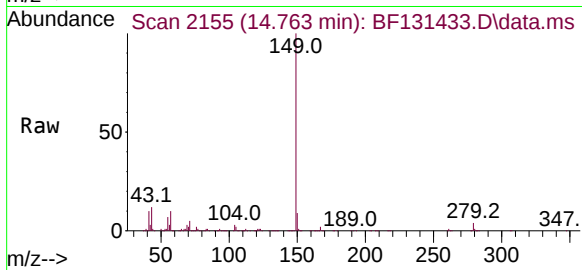
Tgt Ion:149 Resp: 600049

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.2 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. 0.000 min

Lab File: BF131433.D

Acq: 28 Nov 2022 17:09

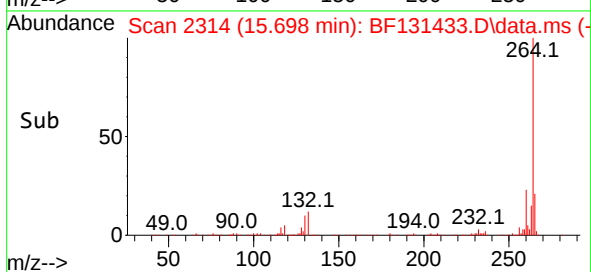
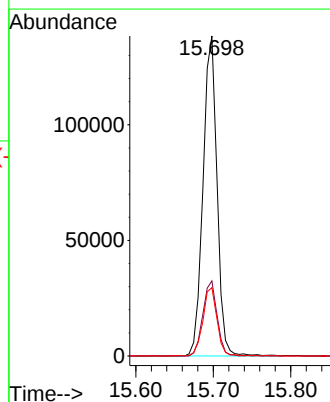
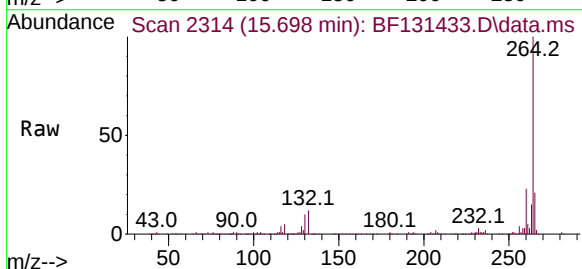
Tgt Ion:264 Resp: 173544

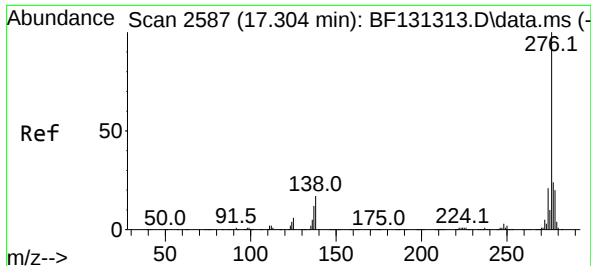
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.3 16.4 24.6

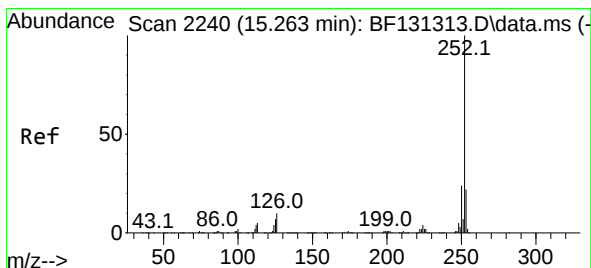
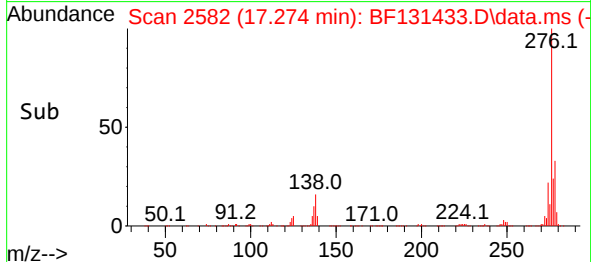
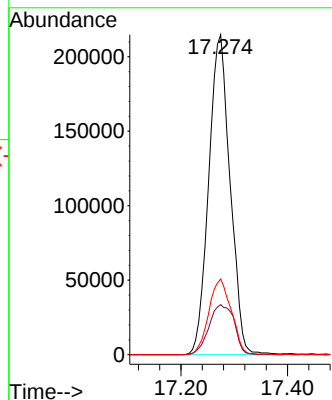
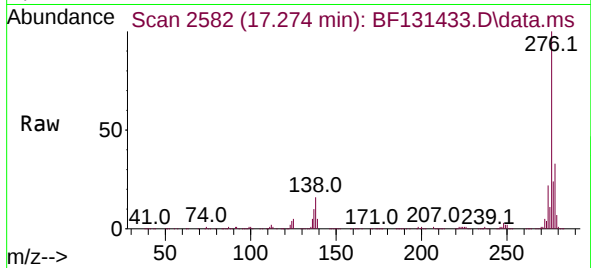




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.356 ng
RT: 17.274 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

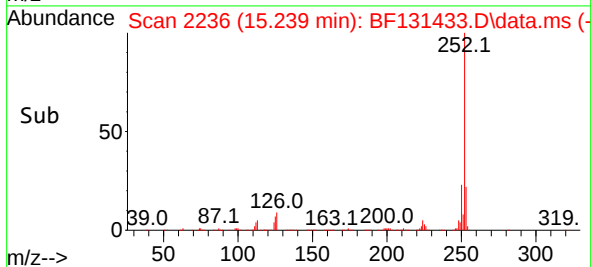
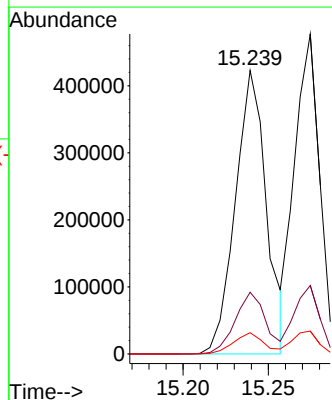
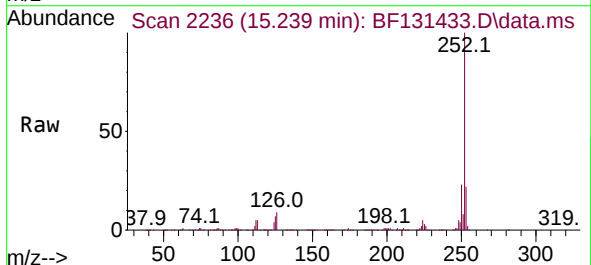
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

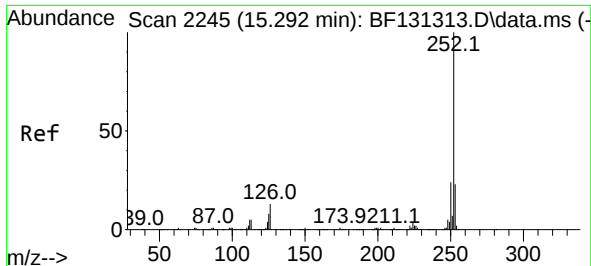
Tgt Ion:276 Resp: 598607
Ion Ratio Lower Upper
276 100
138 18.4 15.8 23.6
277 25.0 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 46.505 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:252 Resp: 536151
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.5 5.8 8.6

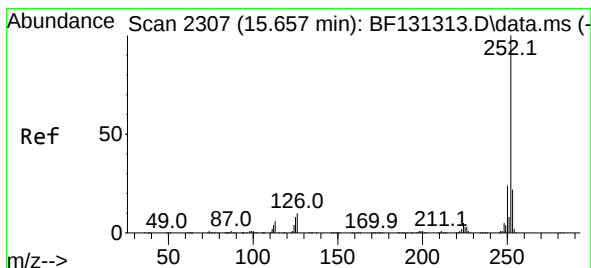
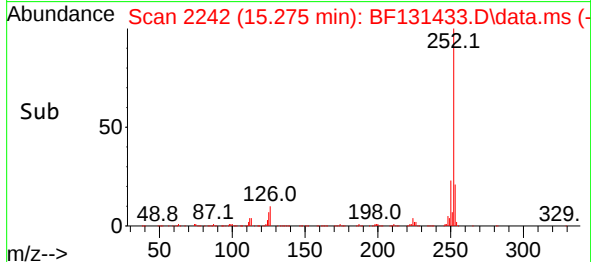
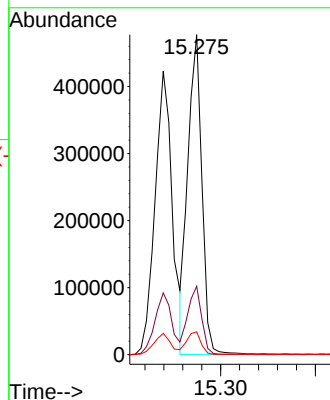
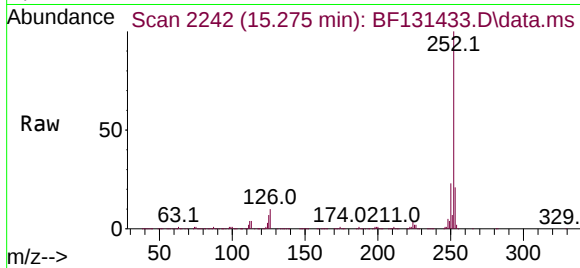




#89
Benzo(k)fluoranthene
Concen: 41.578 ng
RT: 15.275 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

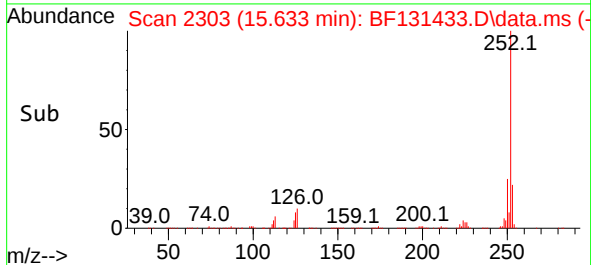
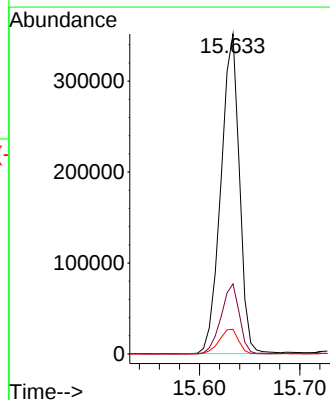
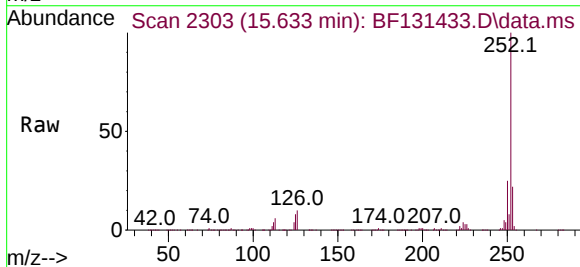
Instrument :
BNA_F
ClientSampleId :
CR-5MSD

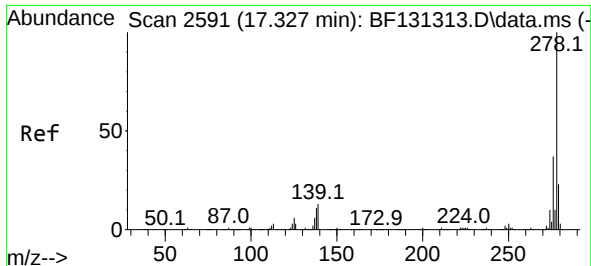
Tgt Ion:252 Resp: 492598
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 7.2 6.6 10.0



#90
Benzo(a)pyrene
Concen: 47.485 ng
RT: 15.633 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:252 Resp: 449200
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.7 6.1 9.1

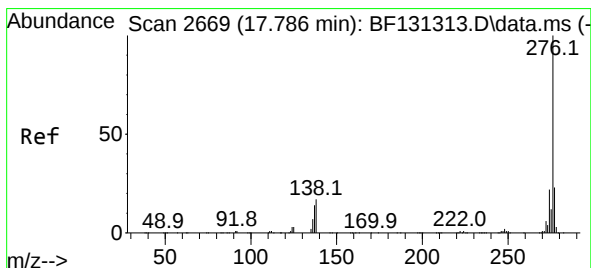
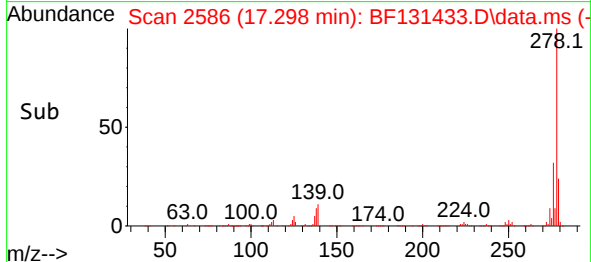
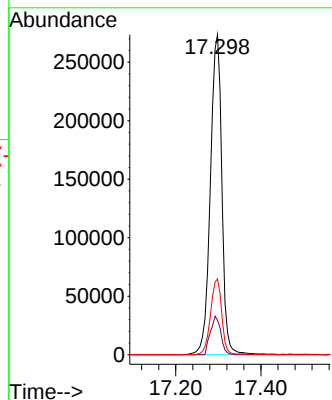
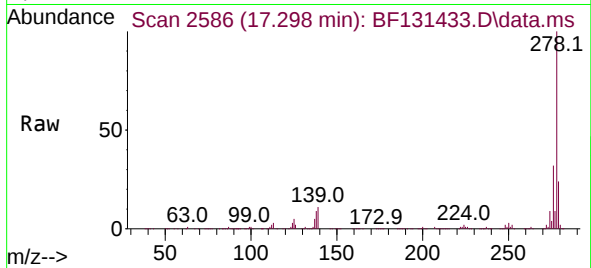




#91
Dibenzo(a,h)anthracene
Concen: 53.325 ng
RT: 17.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Instrument :
BNA_F
ClientSampleId :
CR-5MSD

Tgt Ion:278 Resp: 513154
Ion Ratio Lower Upper
278 100
139 10.9 10.4 15.6
279 23.7 18.3 27.5



#92
Benzo(g,h,i)perylene
Concen: 52.785 ng
RT: 17.757 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BF131433.D
Acq: 28 Nov 2022 17:09

Tgt Ion:276 Resp: 506980
Ion Ratio Lower Upper
276 100
277 23.6 18.3 27.5
138 15.9 13.8 20.6

