

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131645.D
 Acq On : 15 Dec 2022 12:57
 Operator : CG\JU
 Sample : N6038-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)MS

Quant Time: Dec 16 01:48:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69965	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	254421	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	150684	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	294173	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	161148	20.000	ng	0.00
86) Perylene-d12	15.580	264	148730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	446126	106.377	ng	0.01
7) Phenol-d6	6.516	99	590908	107.522	ng	0.00
23) Nitrobenzene-d5	7.451	82	415065	61.678	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	180943	108.081	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	714229	59.764	ng	0.00
79) Terphenyl-d14	13.021	244	835554	71.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	83129	43.914	ng	98
3) Pyridine	3.446	79	227058	43.203	ng	95
4) n-Nitrosodimethylamine	3.422	42	115668	39.906	ng	90
6) Aniline	6.545	93	169350	25.766	ng	98
8) 2-Chlorophenol	6.669	128	202245	45.506	ng	93
9) Benzaldehyde	6.434	77	177333	47.102	ng	98
10) Phenol	6.528	94	285919	46.642	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	211527	46.033	ng	100
12) 1,3-Dichlorobenzene	6.822	146	224468	43.563	ng	96
13) 1,4-Dichlorobenzene	6.898	146	225093	43.308	ng	99
14) 1,2-Dichlorobenzene	7.051	146	217672	43.842	ng	98
15) Benzyl Alcohol	7.028	79	222530	44.167	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	259598	43.735	ng	99
17) 2-Methylphenol	7.140	107	183330	45.771	ng	96
18) Hexachloroethane	7.392	117	92646	44.188	ng	91
19) n-Nitroso-di-n-propyla...	7.298	70	173963	42.215	ng	94
20) 3+4-Methylphenols	7.292	107	233226	42.750	ng	# 78
22) Acetophenone	7.292	105	334231	41.921	ng	97
24) Nitrobenzene	7.469	77	271306	39.973	ng	97
25) Isophorone	7.710	82	478436	44.138	ng	98
26) 2-Nitrophenol	7.787	139	107603	46.489	ng	92
27) 2,4-Dimethylphenol	7.822	122	181713	51.220	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	263809	47.046	ng	99
29) 2,4-Dichlorophenol	8.028	162	184505	42.061	ng	96
30) 1,2,4-Trichlorobenzene	8.110	180	216979	40.335	ng	98
31) Naphthalene	8.192	128	580257	40.493	ng	99
32) Benzoic acid	7.957	122	109296	42.539	ng	97
33) 4-Chloroaniline	8.239	127	46727	8.699	ng	99
34) Hexachlorobutadiene	8.304	225	145622	38.410	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	214811	43.610	ng	99
37) 2-Methylnaphthalene	8.886	142	398911	40.705	ng	99
38) 1-Methylnaphthalene	8.986	142	365672	38.870	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	234584	42.055	ng	99
41) Hexachlorocyclopentadiene	9.039	237	284990	100.659	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	144470	41.873	ng	99
44) 2,4,5-Trichlorophenol	9.210	196	155883	42.012	ng	97

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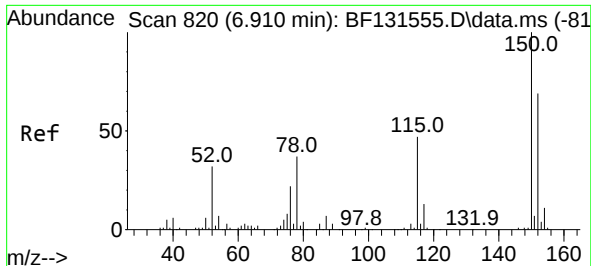
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	501964	42.133	ng	97
47) 2-Chloronaphthalene	9.381	162	401422	41.355	ng	98
48) 2-Nitroaniline	9.481	65	144494	42.022	ng	93
49) Acenaphthylene	9.798	152	602716	42.289	ng	99
50) Dimethylphthalate	9.663	163	485673	42.281	ng	99
51) 2,6-Dinitrotoluene	9.722	165	105448	44.466	ng	92
52) Acenaphthene	9.969	154	362697	37.987	ng	100
53) 3-Nitroaniline	9.892	138	39935	17.552	ng	98
54) 2,4-Dinitrophenol	10.004	184	122500	89.714	ng	97
55) Dibenzofuran	10.145	168	560872	41.575	ng	98
56) 4-Nitrophenol	10.069	139	153303	96.989	ng	# 74
57) 2,4-Dinitrotoluene	10.133	165	146307	46.509	ng	93
58) Fluorene	10.486	166	452414	41.251	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	124527	39.633	ng	96
60) Diethylphthalate	10.363	149	462917	41.995	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	247481	40.833	ng	96
62) 4-Nitroaniline	10.522	138	98258	43.579	ng	87
63) Azobenzene	10.639	77	548717	43.644	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	82190	44.112	ng	87
66) n-Nitrosodiphenylamine	10.604	169	381284	40.091	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	147775	39.049	ng	94
68) Hexachlorobenzene	11.033	284	164589	40.209	ng	# 90
69) Atrazine	11.133	200	144269	47.770	ng	96
70) Pentachlorophenol	11.233	266	172505	81.861	ng	99
71) Phenanthrene	11.457	178	658184	40.141	ng	99
72) Anthracene	11.510	178	670667	42.041	ng	99
73) Carbazole	11.669	167	574838	44.146	ng	99
74) Di-n-butylphthalate	11.992	149	703880	44.062	ng	99
75) Fluoranthene	12.651	202	720992	42.702	ng	99
77) Benzidine	12.774	184	269036	62.309	ng	98
78) Pyrene	12.880	202	717922	45.181	ng	99
80) Butylbenzylphthalate	13.498	149	259392	56.408	ng	100
81) Benzo(a)anthracene	14.074	228	501862	43.125	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	54577	16.483	ng	96
83) Chrysene	14.110	228	470375	42.515	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	333035	52.835	ng	98
85) Di-n-octyl phthalate	14.674	149	445413	43.892	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	497307	40.971	ng	99
88) Benzo(b)fluoranthene	15.139	252	417889	42.631	ng	99
89) Benzo(k)fluoranthene	15.174	252	402121	39.302	ng	99
90) Benzo(a)pyrene	15.521	252	371058	44.356	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	415285	41.571	ng	99
92) Benzo(g,h,i)perylene	17.574	276	405646	40.403	ng	98

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

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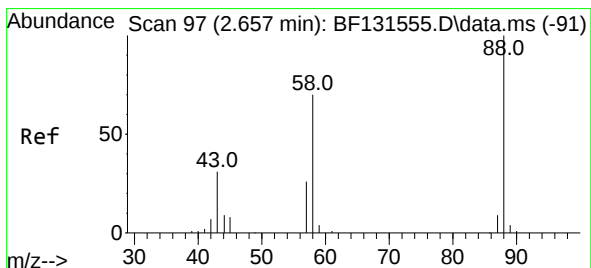
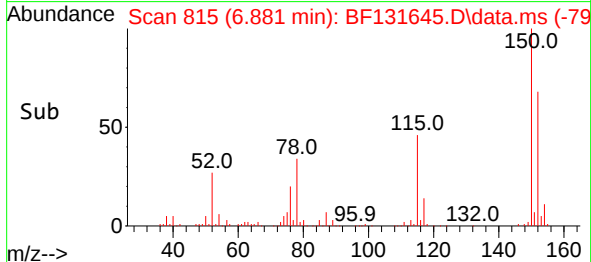
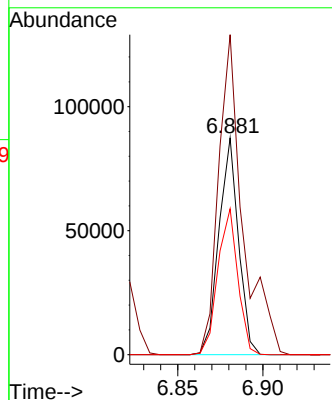
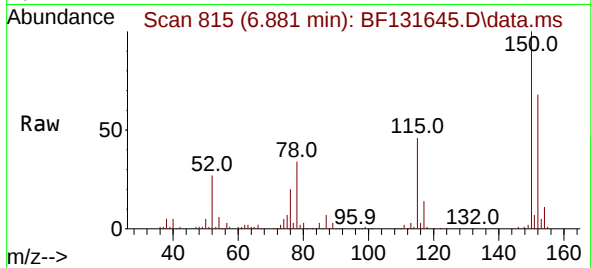




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

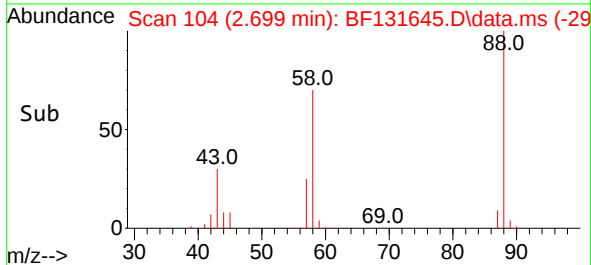
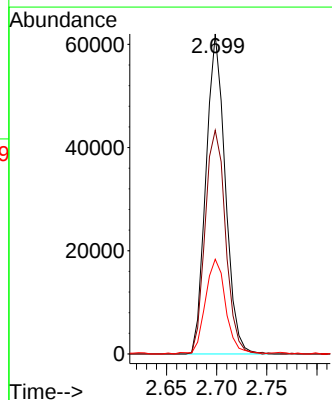
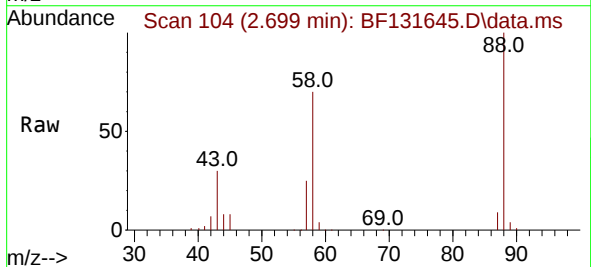
Instrument :
 BNA_F
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 RB-29-(8-10)MS

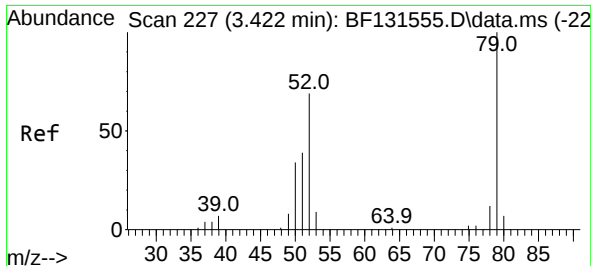
Tgt Ion:152 Resp: 69965
 Ion Ratio Lower Upper
 152 100
 150 147.6 116.7 175.1
 115 67.3 54.6 82.0



#2
 1,4-Dioxane
 Concen: 43.914 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.088 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

Tgt Ion: 88 Resp: 83129
 Ion Ratio Lower Upper
 88 100
 58 73.9 60.0 90.0
 43 31.3 26.7 40.1





#3

Pyridine

Concen: 43.203 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

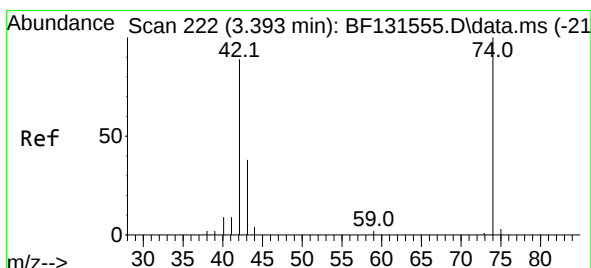
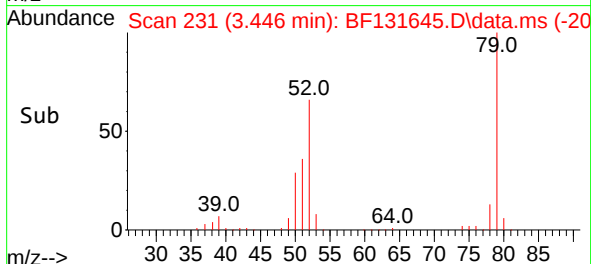
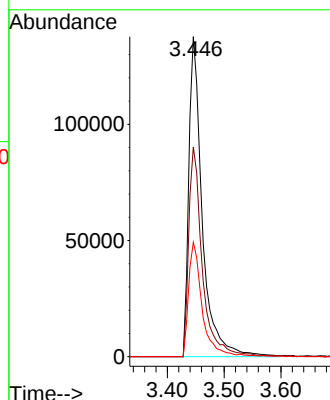
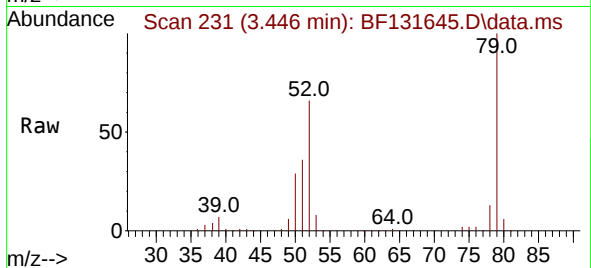
Tgt Ion: 79 Resp: 227058

Ion Ratio Lower Upper

79 100

52 65.6 55.0 82.6

51 35.8 31.4 47.2



#4

n-Nitrosodimethylamine

Concen: 39.906 ng

RT: 3.422 min Scan# 227

Delta R.T. 0.082 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

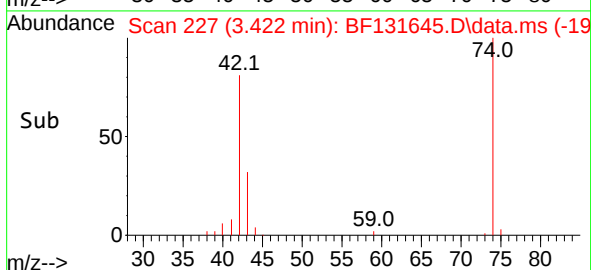
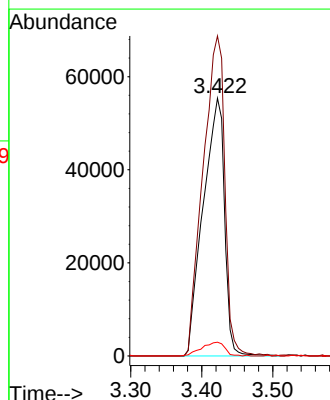
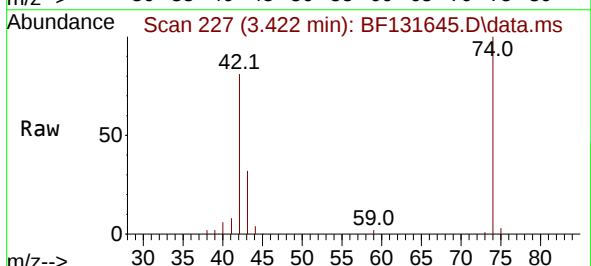
Tgt Ion: 42 Resp: 115668

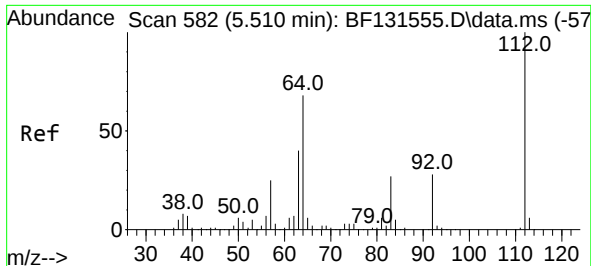
Ion Ratio Lower Upper

42 100

74 124.2 90.2 135.2

44 5.3 3.7 5.5

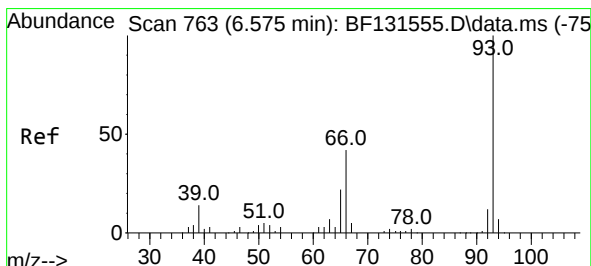
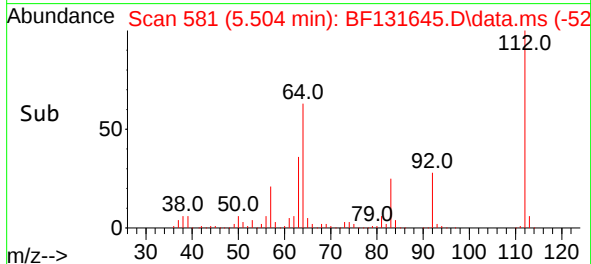
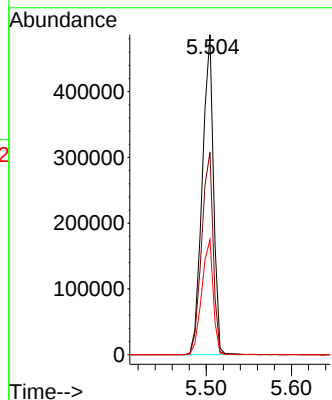
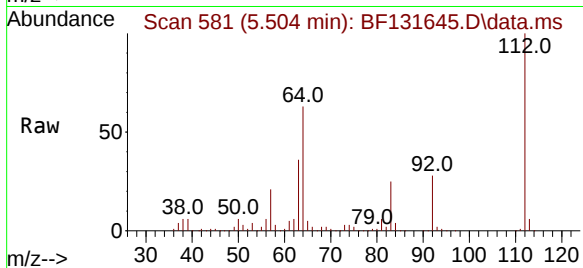




#5
2-Fluorophenol
Concen: 106.377 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

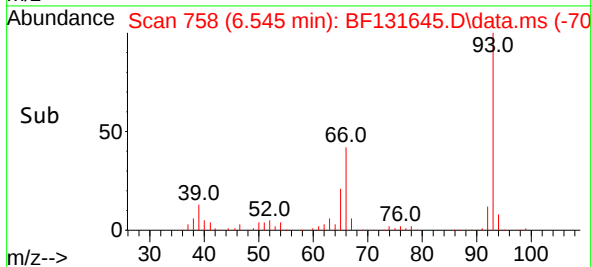
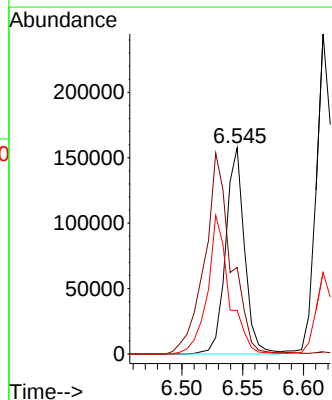
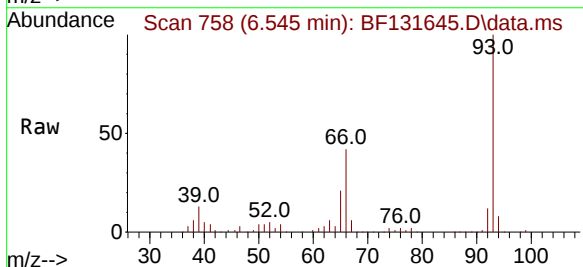
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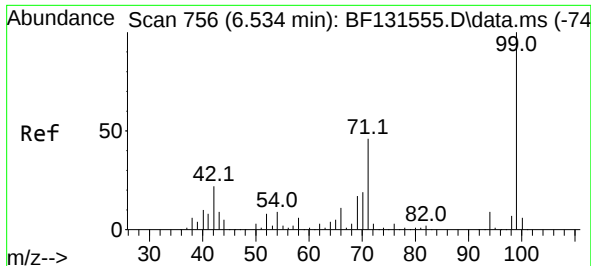
Tgt Ion:112 Resp: 446126
Ion Ratio Lower Upper
112 100
64 63.3 54.5 81.7
63 35.9 31.9 47.9



#6
Aniline
Concen: 25.766 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion: 93 Resp: 169350
Ion Ratio Lower Upper
93 100
66 42.0 34.6 51.8
65 21.1 17.7 26.5

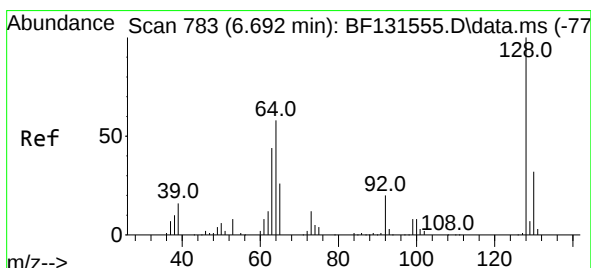
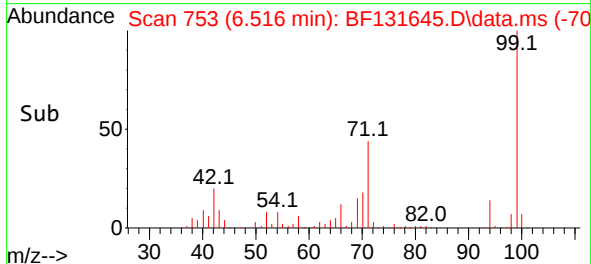
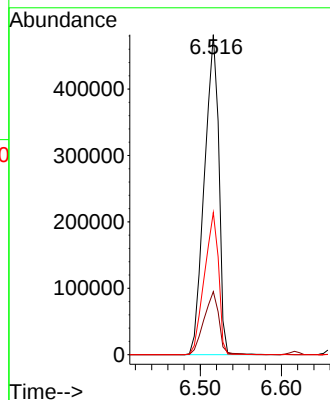
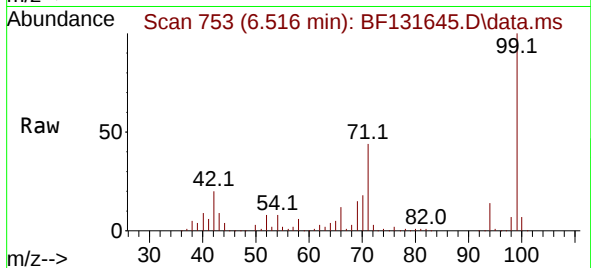




#7
Phenol-d6
Concen: 107.522 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

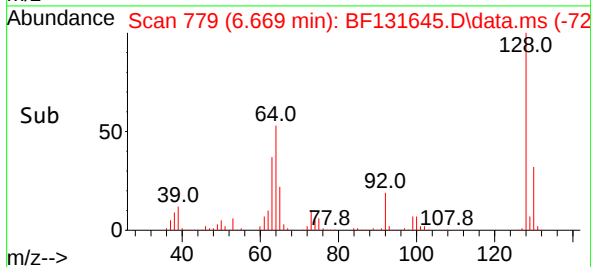
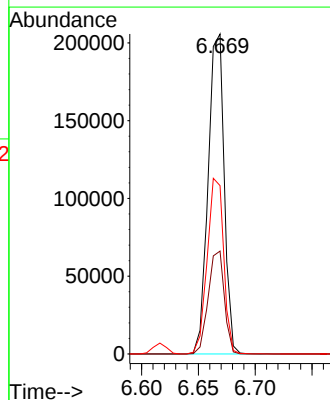
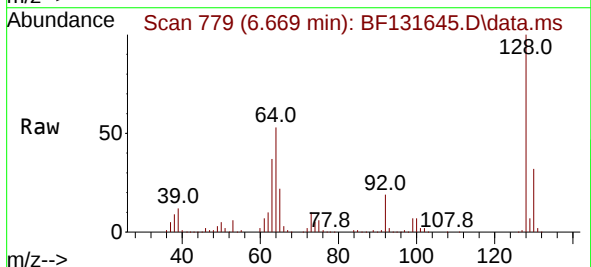
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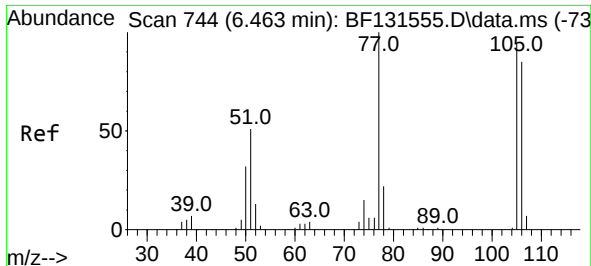
Tgt Ion: 99 Resp: 590908
Ion Ratio Lower Upper
99 100
42 19.7 17.9 26.9
71 44.4 37.2 55.8



#8
2-Chlorophenol
Concen: 45.506 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion: 128 Resp: 202245
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 52.6 40.6 80.6





#9

Benzaldehyde

Concen: 47.102 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

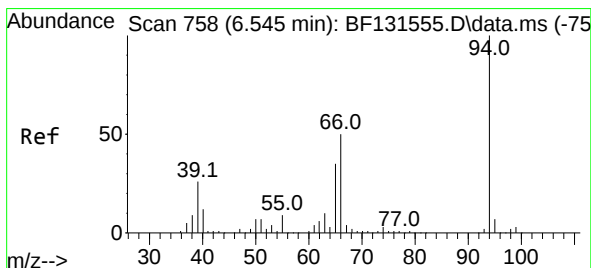
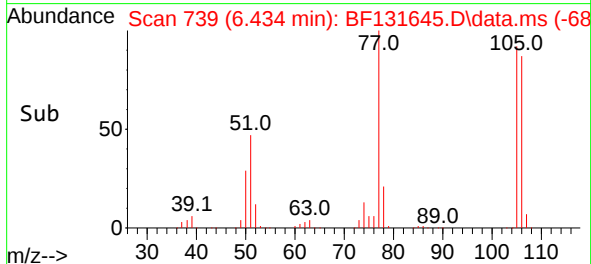
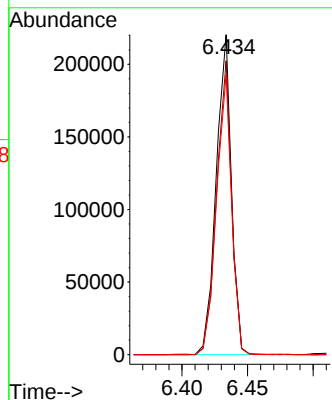
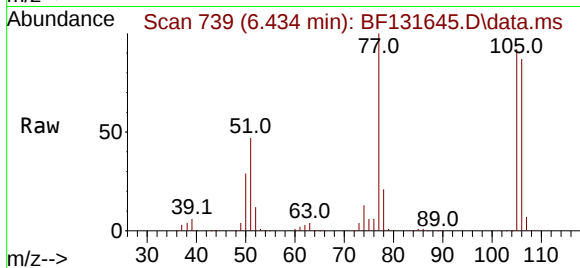
Tgt Ion: 77 Resp: 177333

Ion Ratio Lower Upper

77 100

105 91.8 73.8 113.8

106 87.5 65.2 105.2



#10

Phenol

Concen: 46.642 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.000 min

Lab File: BF131645.D

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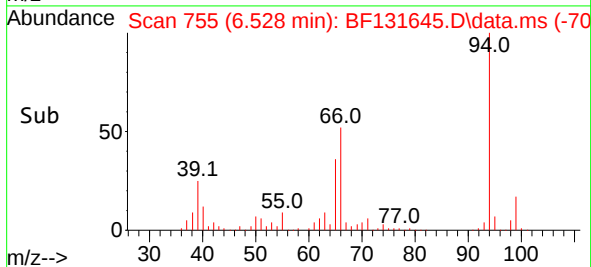
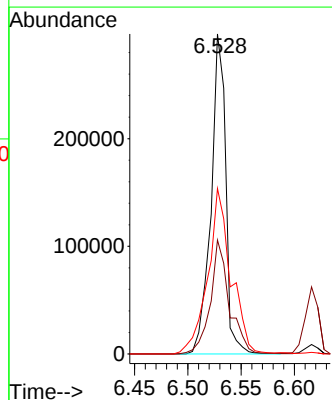
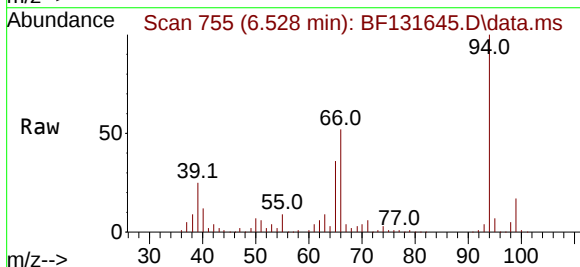
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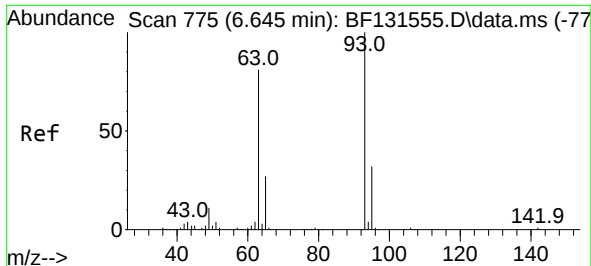
Ion Ratio Lower Upper

94 100

65 35.6 14.8 54.8

66 51.7 30.8 70.8

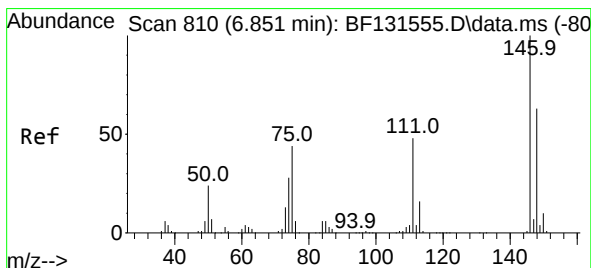
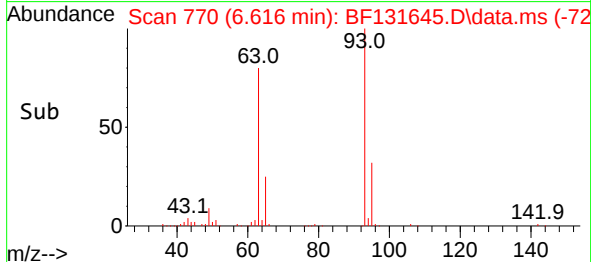
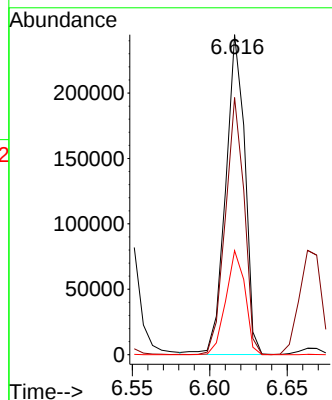
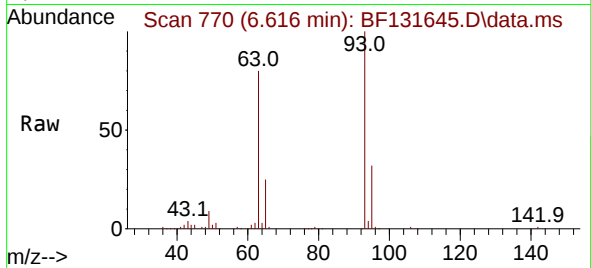




#11
bis(2-Chloroethyl)ether
Concen: 46.033 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

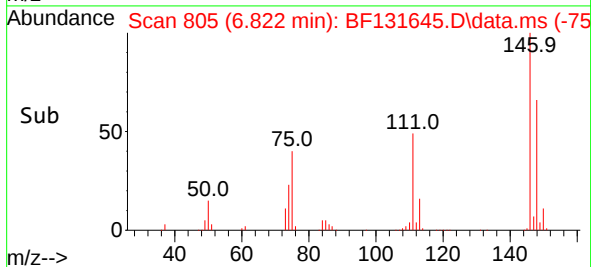
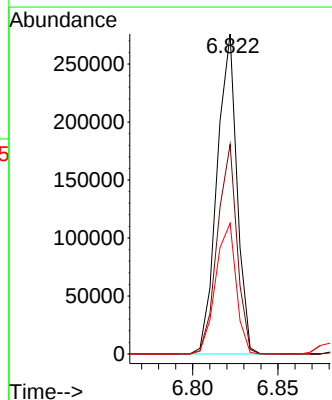
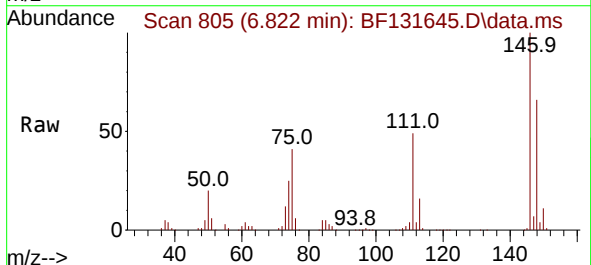
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

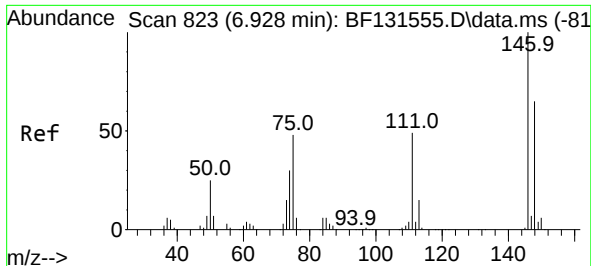
Tgt Ion: 93 Resp: 211527
Ion Ratio Lower Upper
93 100
63 80.4 60.4 100.4
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.563 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion: 146 Resp: 224468
Ion Ratio Lower Upper
146 100
148 65.5 50.7 76.1
75 40.8 35.1 52.7

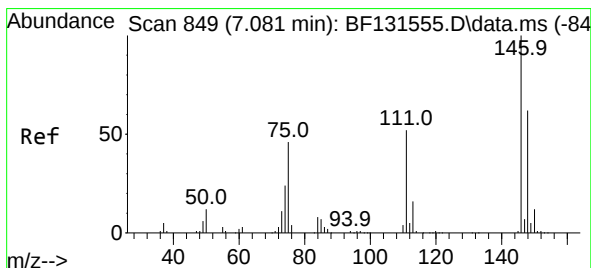
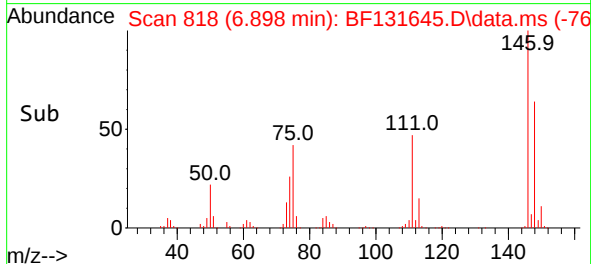
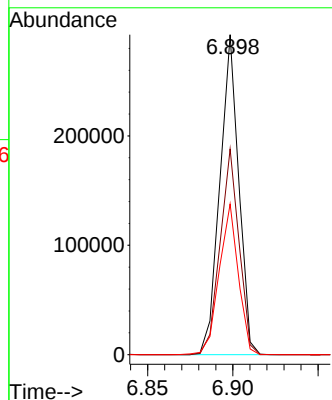
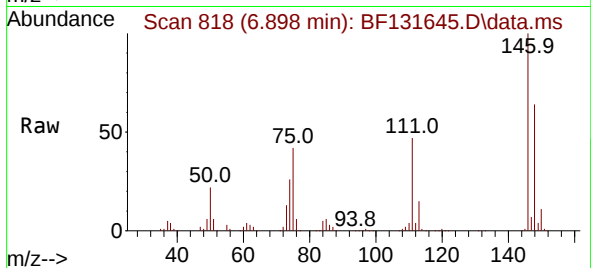




#13
1,4-Dichlorobenzene
Concen: 43.308 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

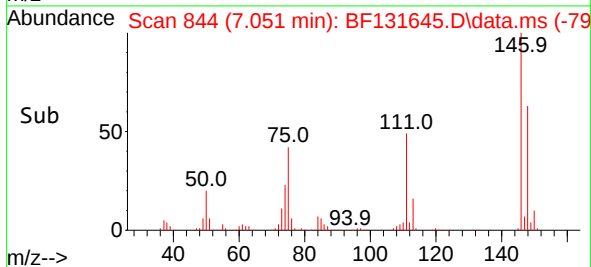
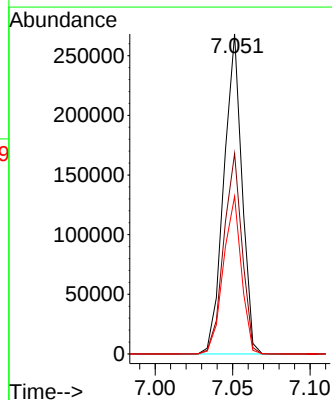
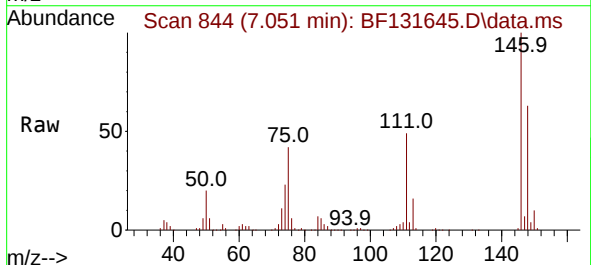
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

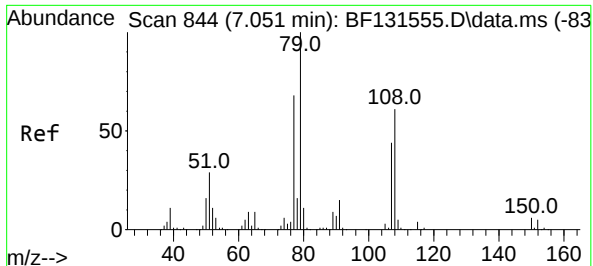
Tgt Ion:146 Resp: 225093
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 47.1 38.9 58.3



#14
1,2-Dichlorobenzene
Concen: 43.842 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:146 Resp: 217672
Ion Ratio Lower Upper
146 100
148 62.6 49.9 74.9
111 49.2 41.8 62.6





#15

Benzyl Alcohol

Concen: 44.167 ng

RT: 7.028 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

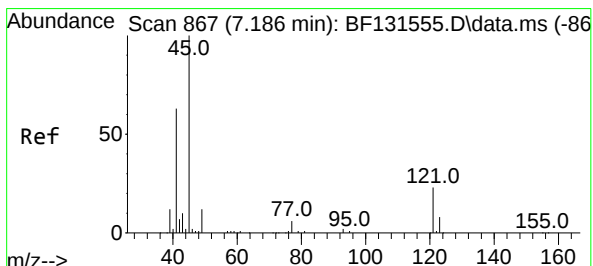
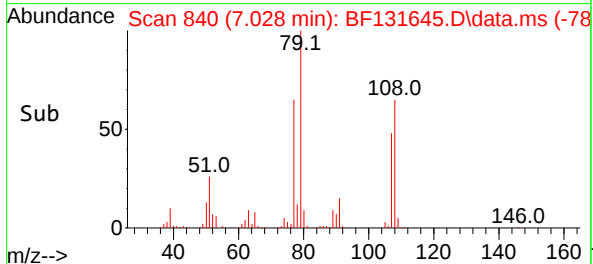
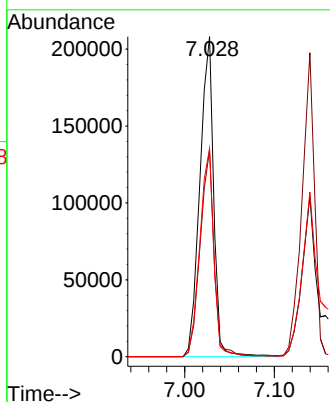
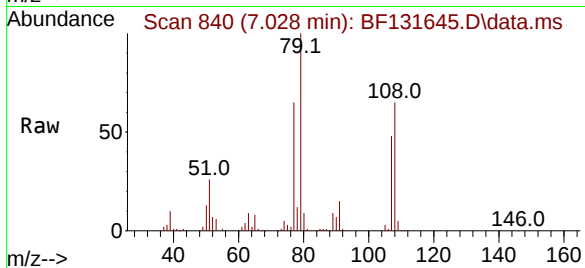
Tgt Ion: 79 Resp: 222530

Ion Ratio Lower Upper

79 100

108 64.6 49.2 73.8

77 65.0 54.5 81.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.735 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

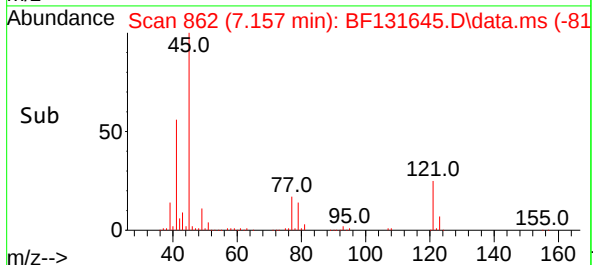
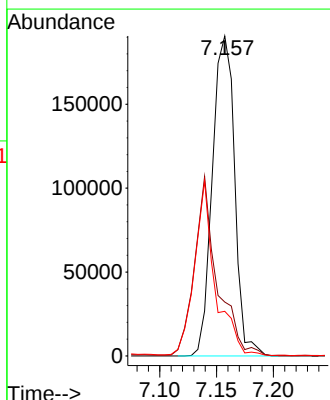
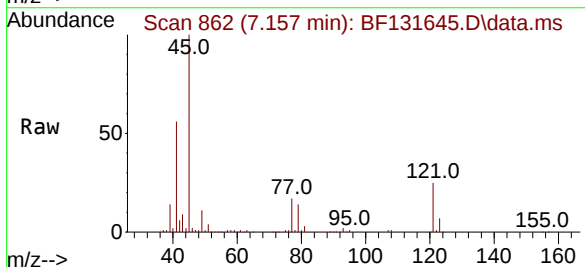
Tgt Ion: 45 Resp: 259598

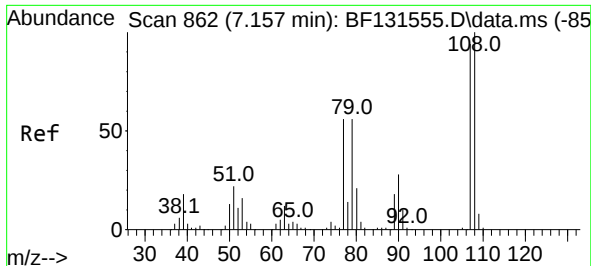
Ion Ratio Lower Upper

45 100

77 16.8 0.0 37.7

79 14.0 0.0 33.6



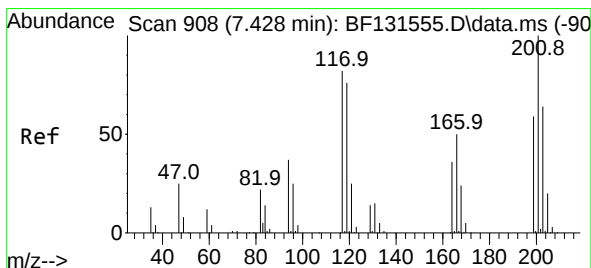
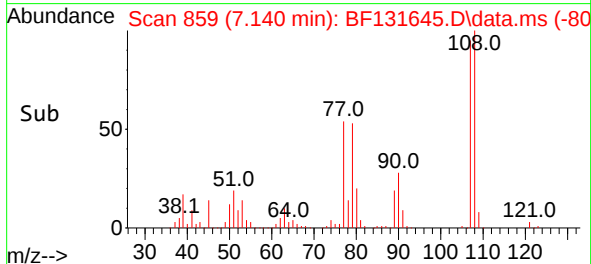
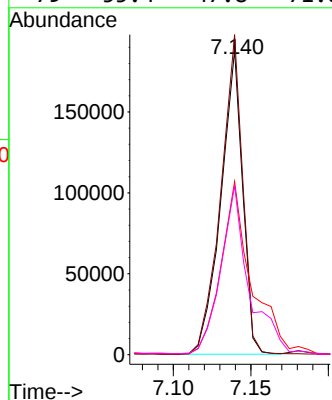
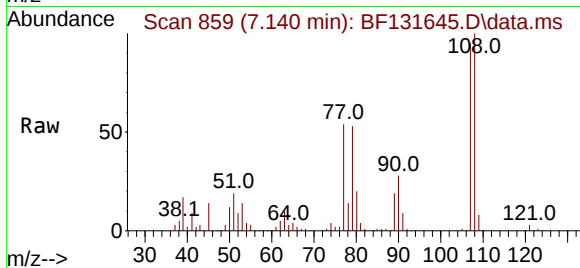


#17
2-Methylphenol
Concen: 45.771 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

Tgt Ion:107 Resp: 183330

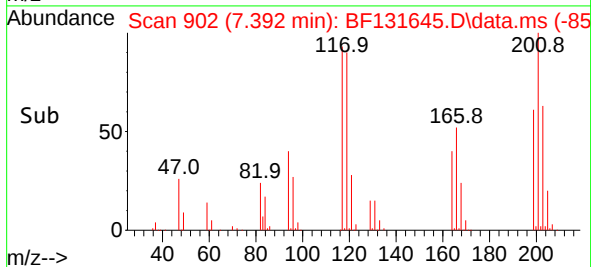
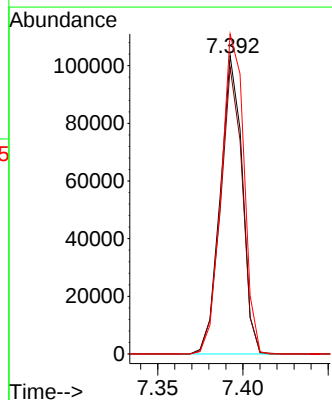
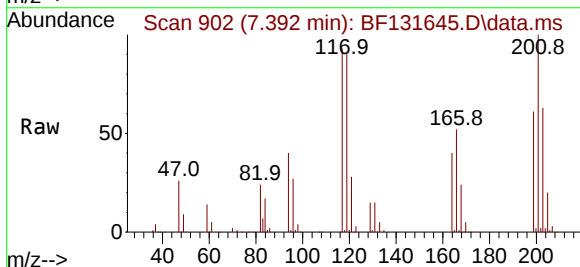
Ion	Ratio	Lower	Upper
107	100		
108	105.0	85.5	128.3
77	56.8	48.2	72.4
79	55.4	47.8	71.8

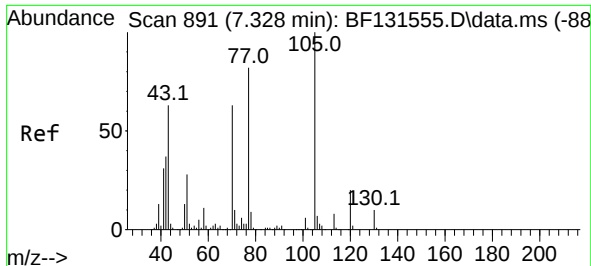


#18
Hexachloroethane
Concen: 44.188 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:117 Resp: 92646

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.4
201	107.2	98.0	147.0



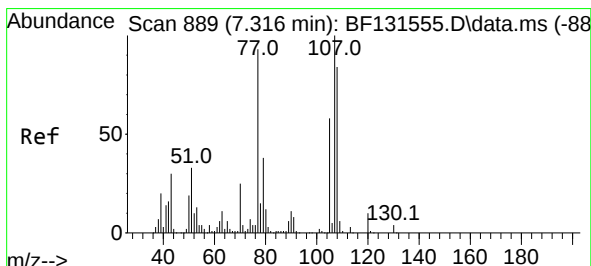
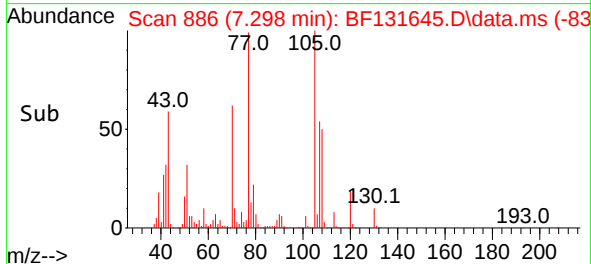
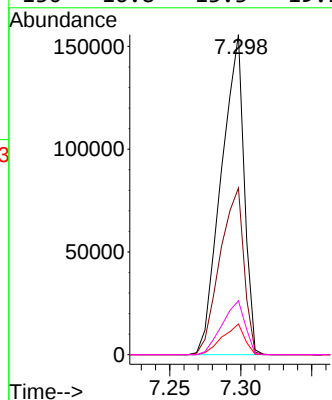
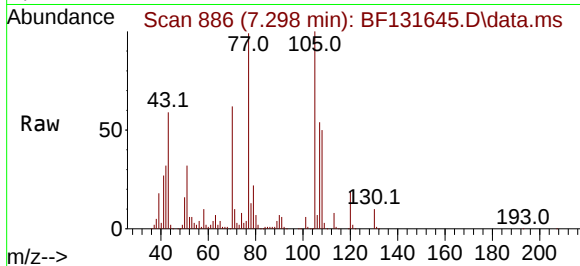


#19
n-Nitroso-di-n-propylamine
Concen: 42.215 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

Tgt Ion: 70 Resp: 173963

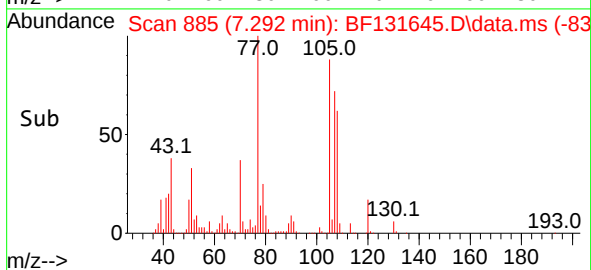
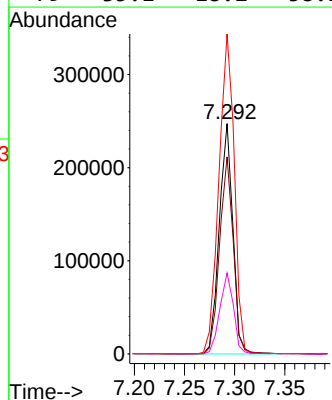
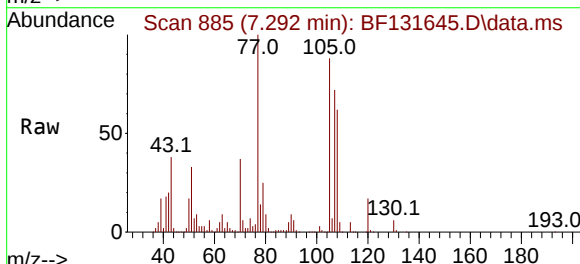
Ion	Ratio	Lower	Upper
70	100		
42	52.1	46.4	69.6
101	9.6	7.2	10.8
130	16.8	13.3	19.9

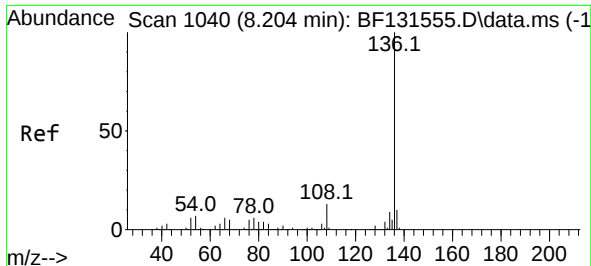


#20
3+4-Methylphenols
Concen: 42.750 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion: 107 Resp: 233226

Ion	Ratio	Lower	Upper
107	100		
108	85.6	64.0	104.0
77	138.9	73.1	113.1#
79	35.1	18.2	58.2

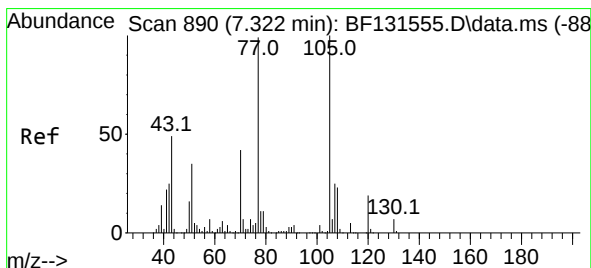
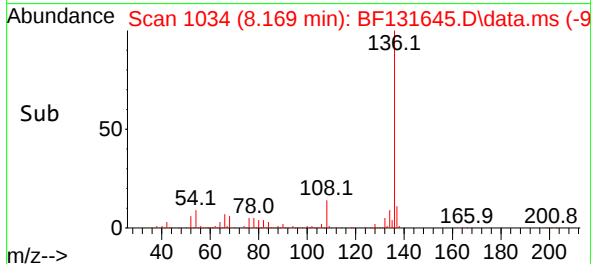
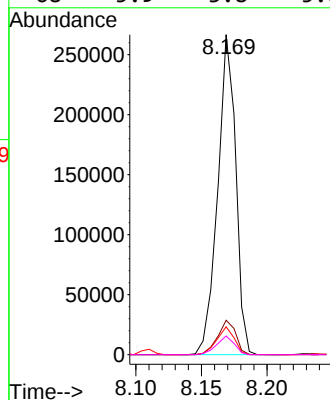
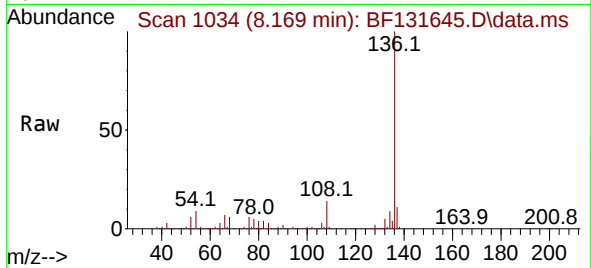




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

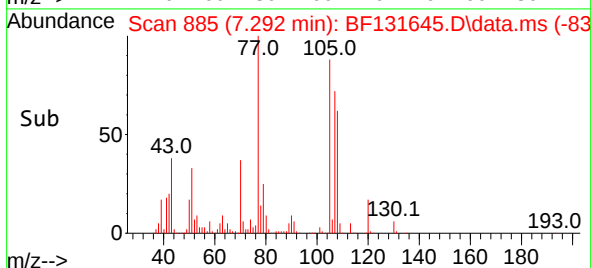
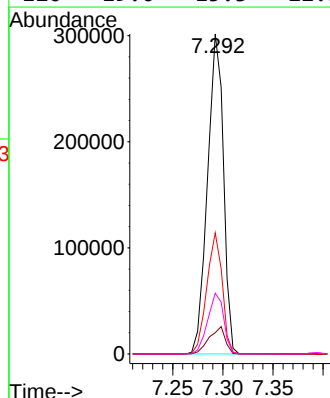
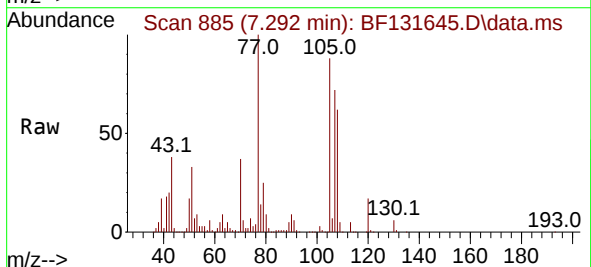
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

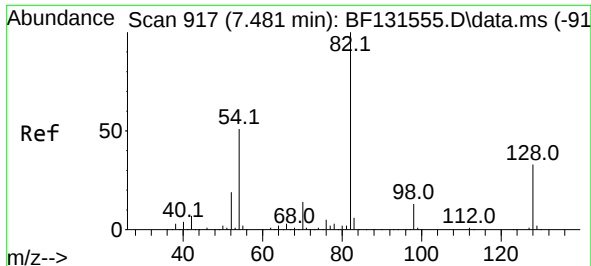
Tgt Ion:136 Resp: 254421
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.7 6.0 9.0
68 5.9 3.8 5.8#



#22
Acetophenone
Concen: 41.921 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:105 Resp: 334231
Ion Ratio Lower Upper
105 100
71 6.7 5.4 8.0
51 37.8 27.8 41.6
120 19.0 15.3 22.9

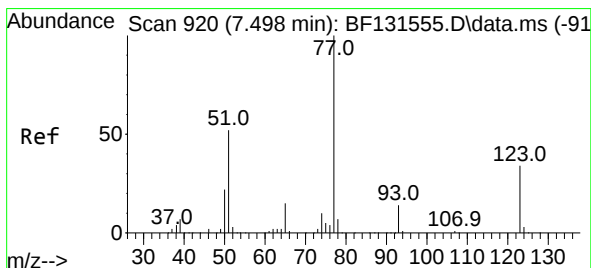
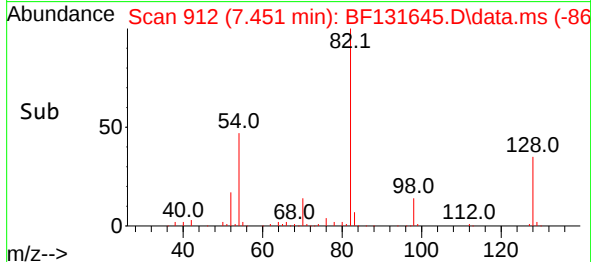
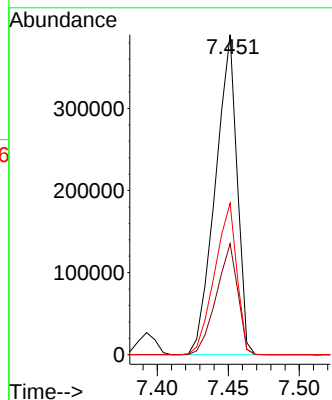
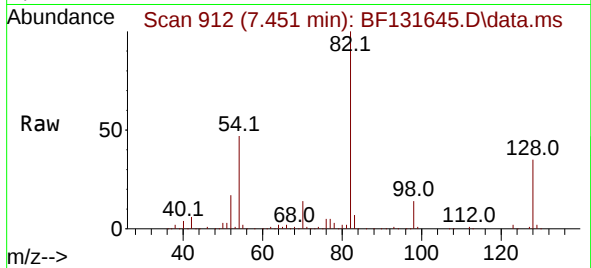




#23
Nitrobenzene-d5
Concen: 61.678 ng
RT: 7.451 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

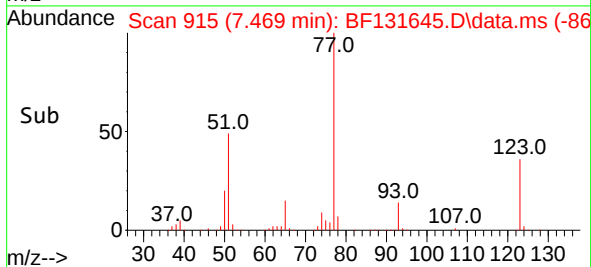
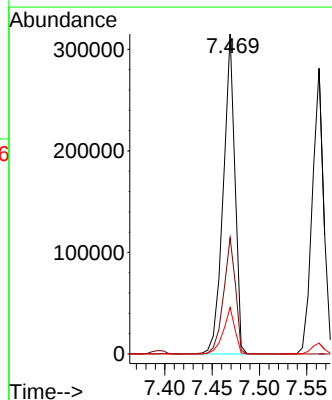
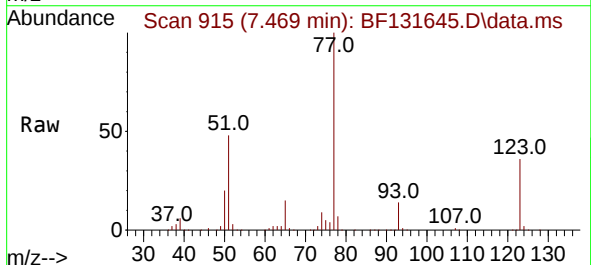
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

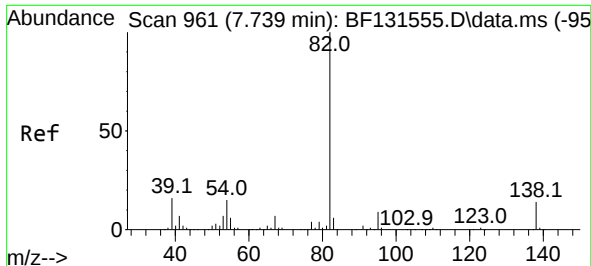
Tgt Ion: 82 Resp: 415065
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 47.3 40.6 60.8



#24
Nitrobenzene
Concen: 39.973 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion: 77 Resp: 271306
Ion Ratio Lower Upper
77 100
123 36.3 27.1 40.7
65 14.5 11.9 17.9

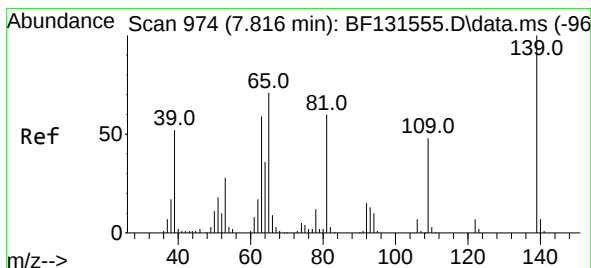
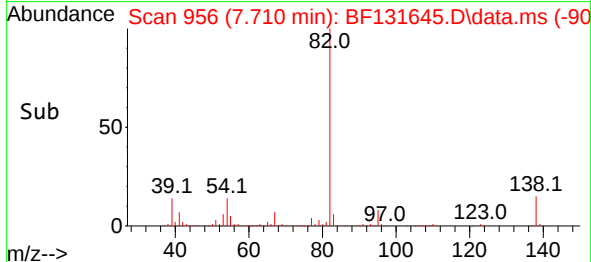
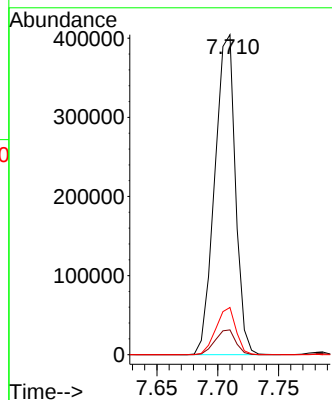
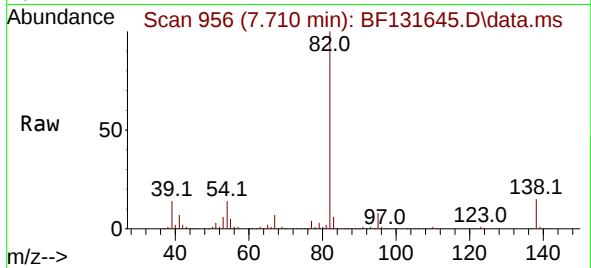




#25
Isophorone
Concen: 44.138 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

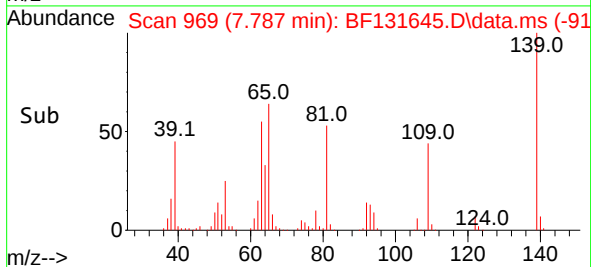
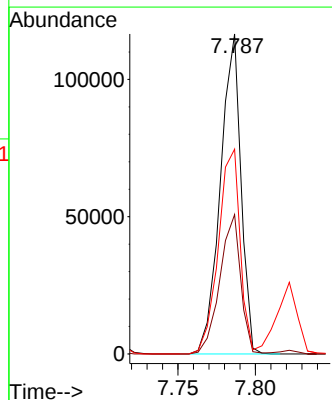
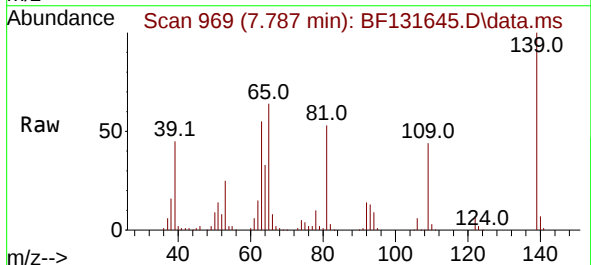
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

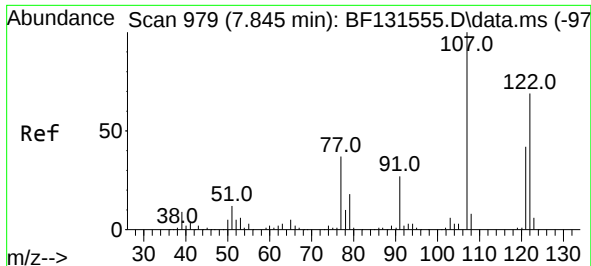
Tgt Ion: 82 Resp: 478436
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 14.7 11.4 17.0



#26
2-Nitrophenol
Concen: 46.489 ng
RT: 7.787 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:139 Resp: 107603
Ion Ratio Lower Upper
139 100
109 43.6 38.6 58.0
65 64.0 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 51.220 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

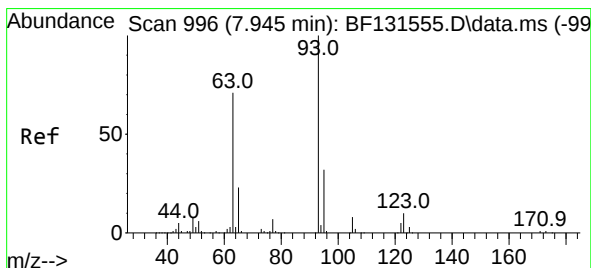
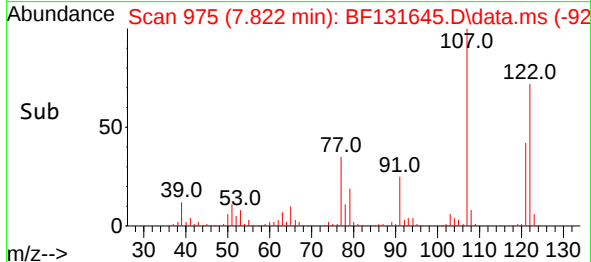
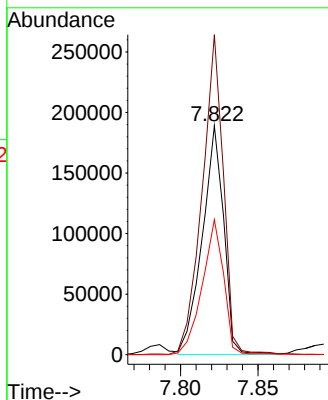
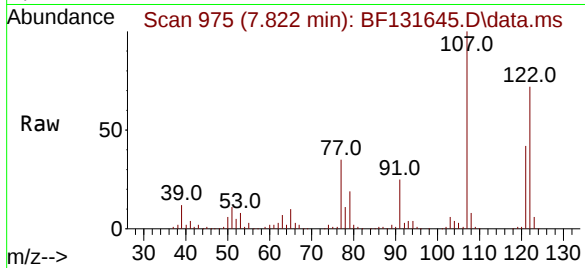
Tgt Ion:122 Resp: 181713

Ion Ratio Lower Upper

122 100

107 139.7 114.2 171.2

121 59.0 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 47.046 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

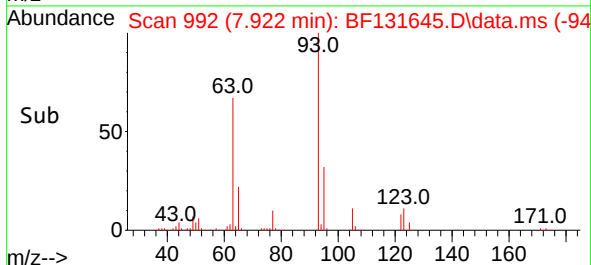
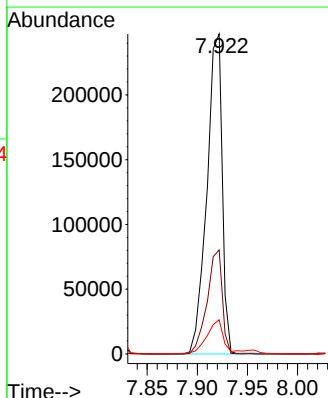
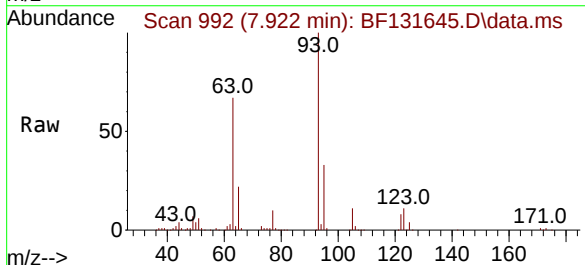
Tgt Ion: 93 Resp: 263809

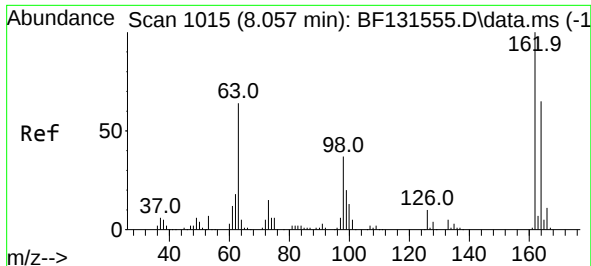
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.061 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

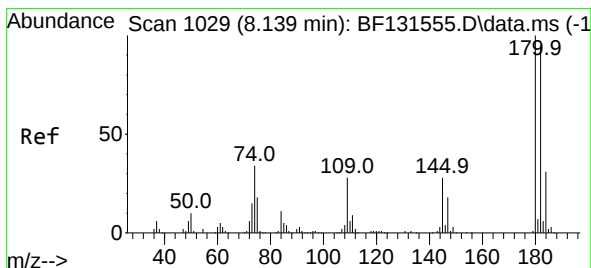
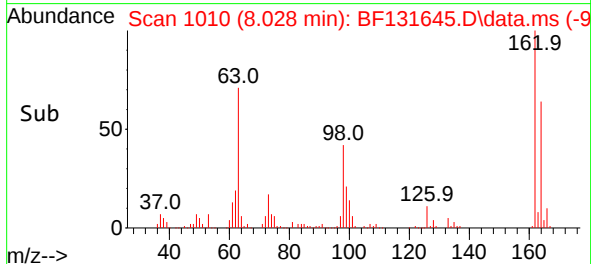
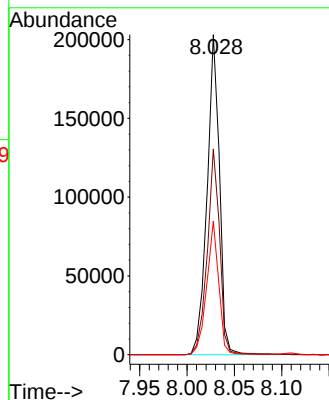
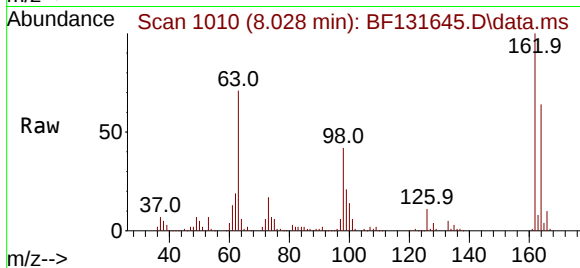
Tgt Ion:162 Resp: 184505

Ion Ratio Lower Upper

162 100

164 64.3 45.0 85.0

98 41.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 40.335 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

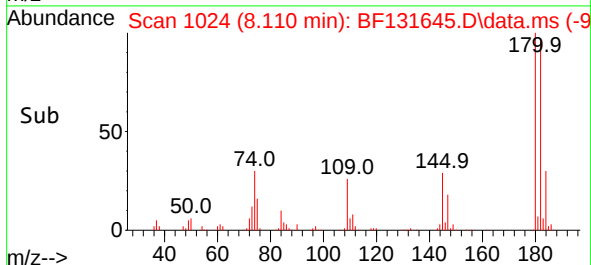
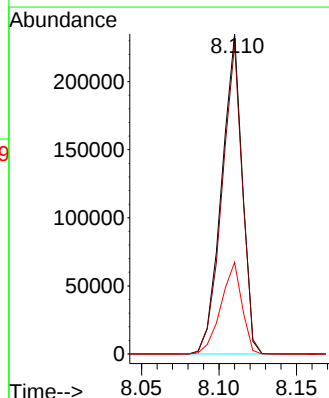
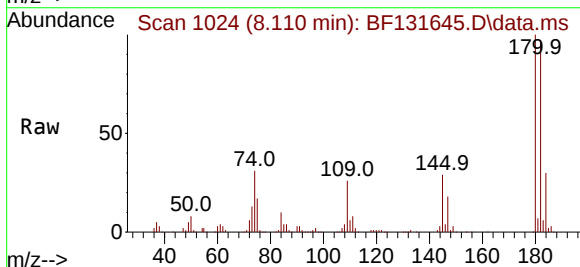
Tgt Ion:180 Resp: 216979

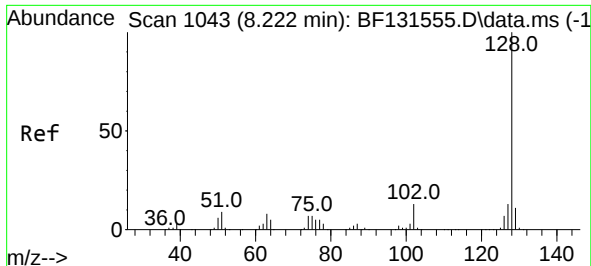
Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.6

145 28.6 22.4 33.6

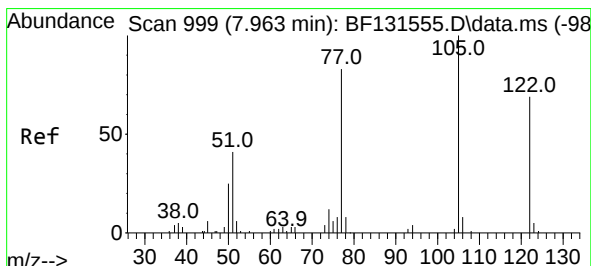
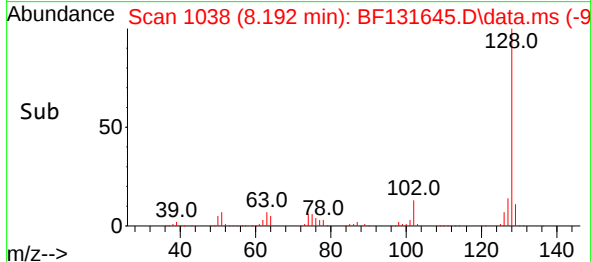
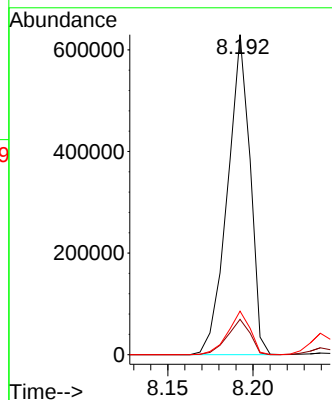
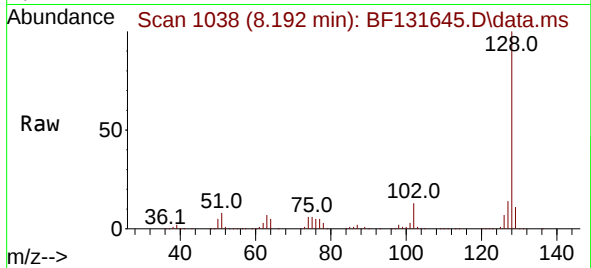




#31
Naphthalene
Concen: 40.493 ng
RT: 8.192 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

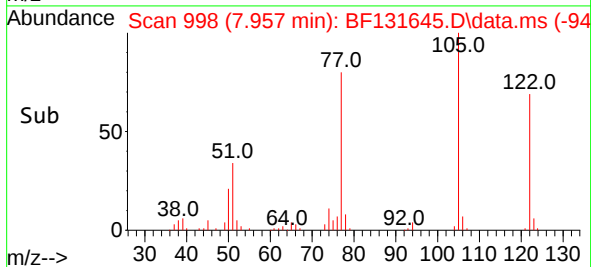
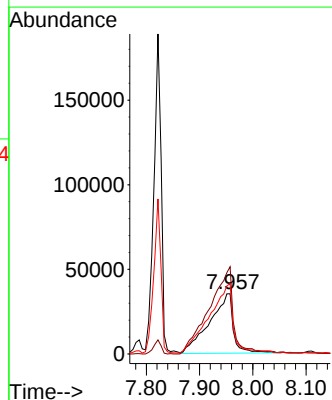
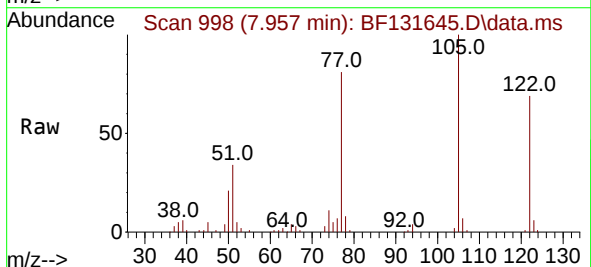
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

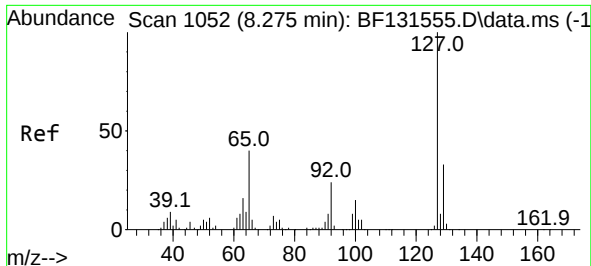
Tgt Ion:128 Resp: 580257
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 42.539 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:122 Resp: 109296
Ion Ratio Lower Upper
122 100
105 144.8 119.8 159.8
77 116.7 97.6 137.6

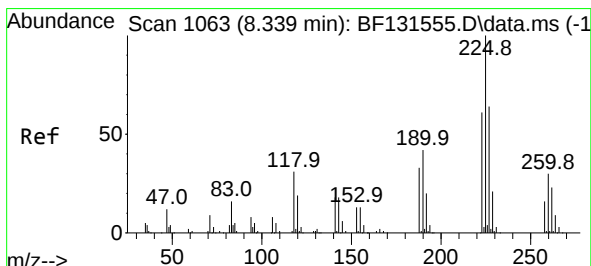
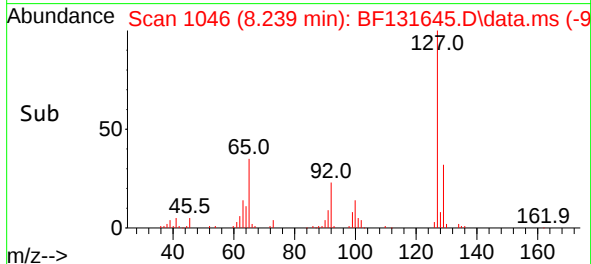
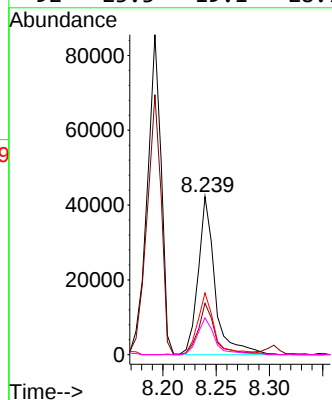
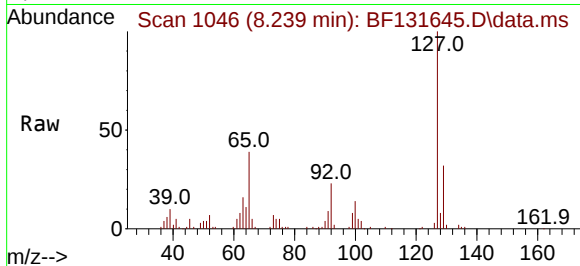




#33
4-Chloroaniline
Concen: 8.699 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

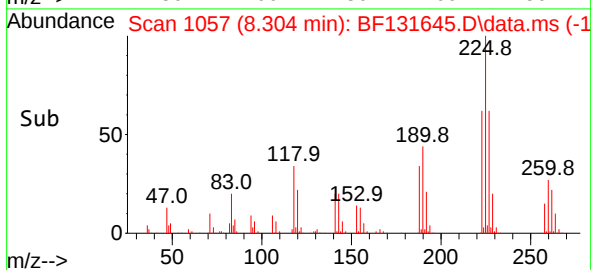
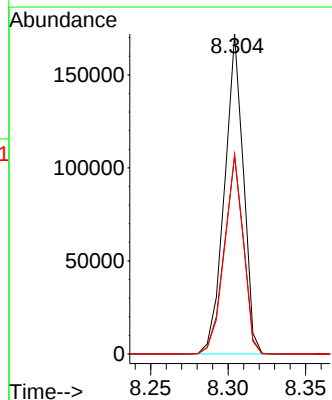
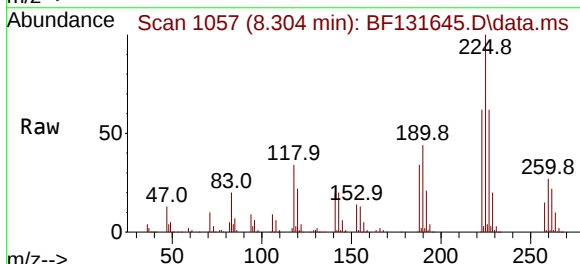
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

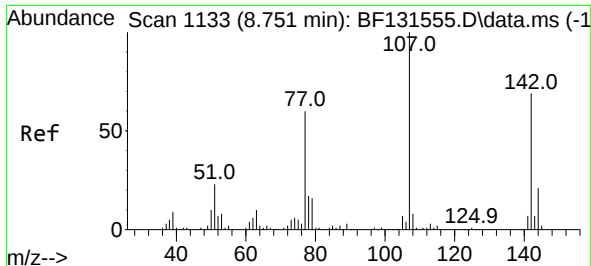
Tgt Ion:	127	Resp:	46727
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	39.0	31.9	47.9
92	23.3	19.1	28.7



#34
Hexachlorobutadiene
Concen: 38.410 ng
RT: 8.304 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:	225	Resp:	145622
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.7	73.1
227	62.4	51.0	76.6

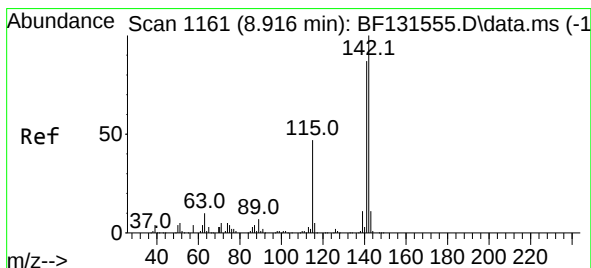
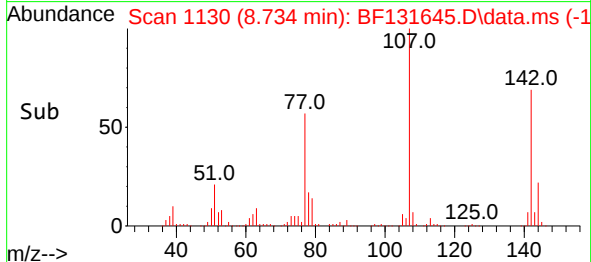
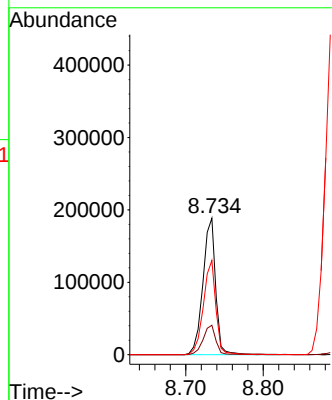
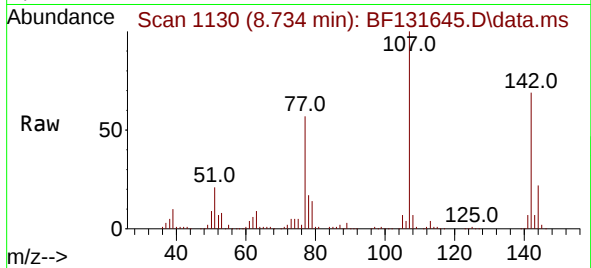




#36
4-Chloro-3-methylphenol
Concen: 43.610 ng
RT: 8.734 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

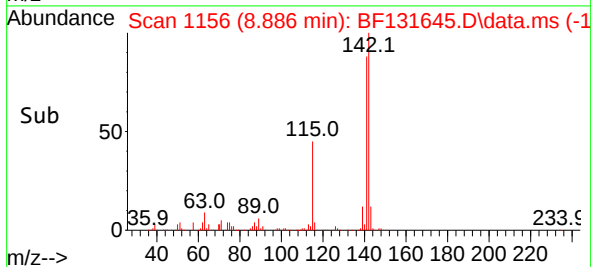
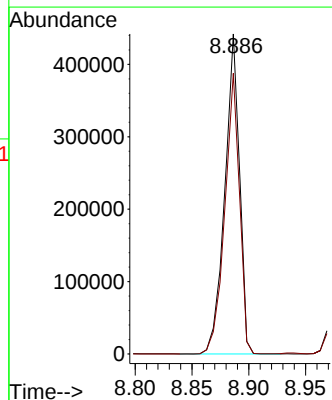
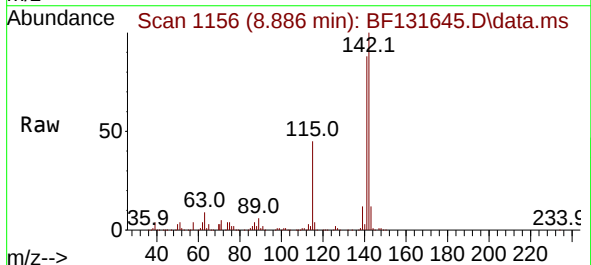
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

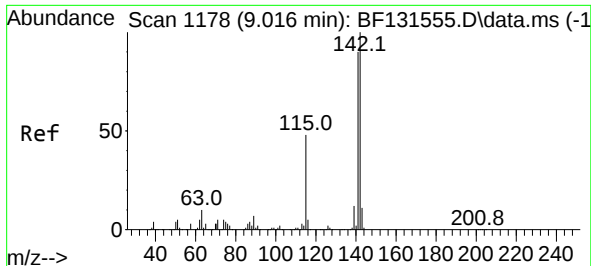
Tgt Ion:107 Resp: 214811
Ion Ratio Lower Upper
107 100
144 21.6 17.0 25.4
142 69.0 54.8 82.2



#37
2-Methylnaphthalene
Concen: 40.705 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:142 Resp: 398911
Ion Ratio Lower Upper
142 100
141 87.7 69.7 104.5

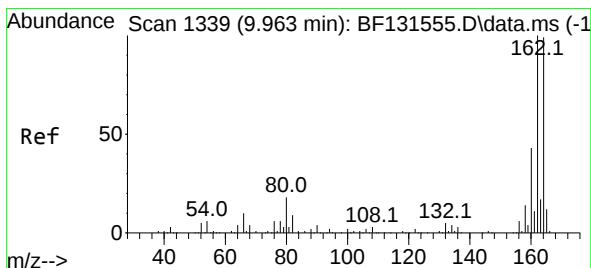
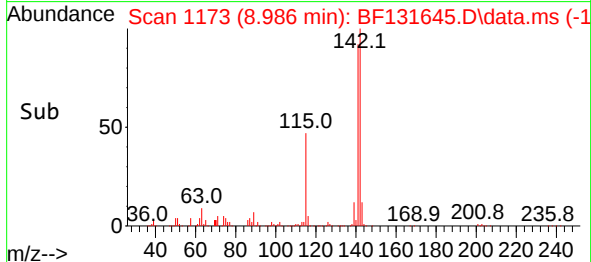
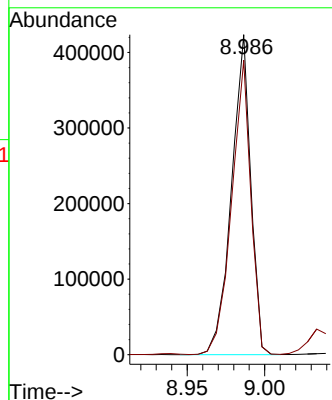
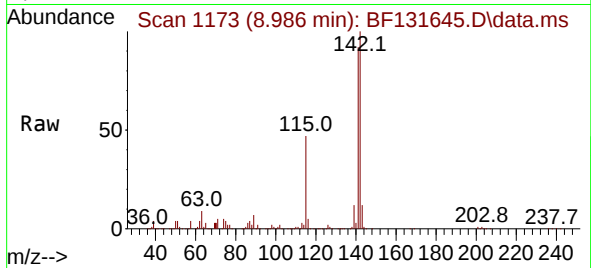




#38
1-Methylnaphthalene
Concen: 38.870 ng
RT: 8.986 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

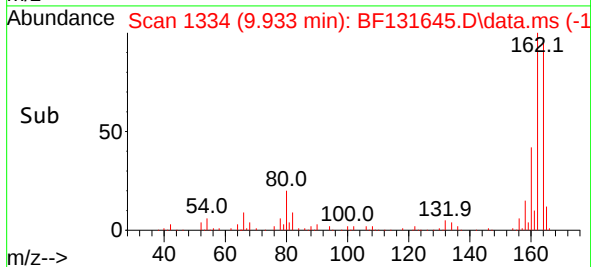
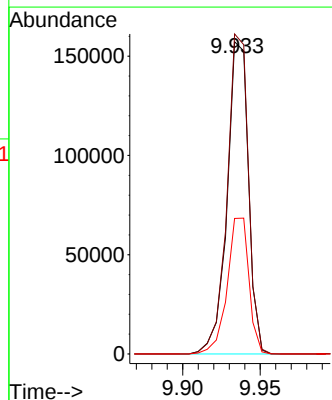
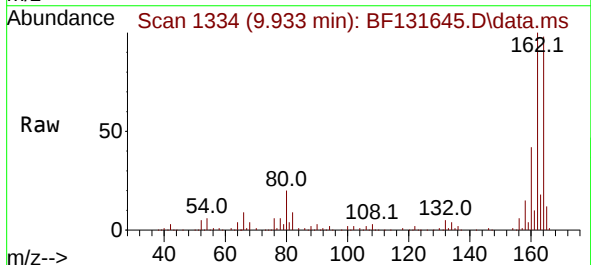
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

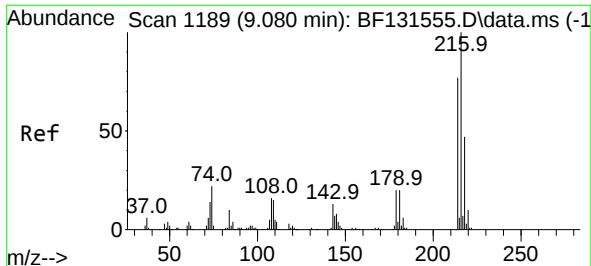
Tgt Ion:142 Resp: 365672
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:164 Resp: 150684
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.6
160 43.4 35.0 52.6

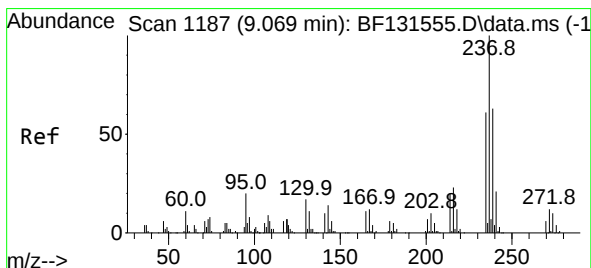
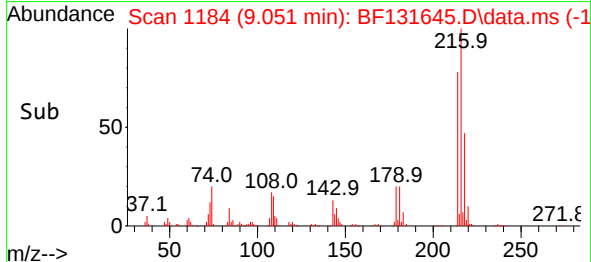
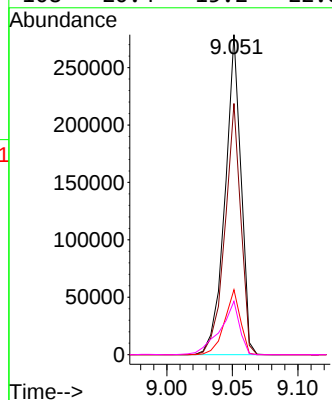
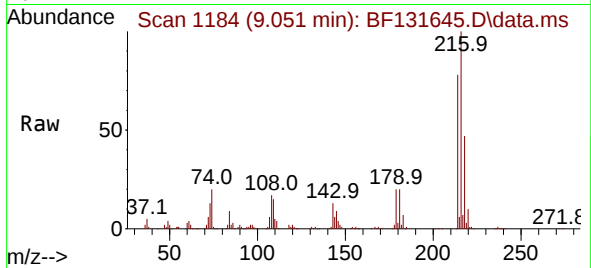




#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.055 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

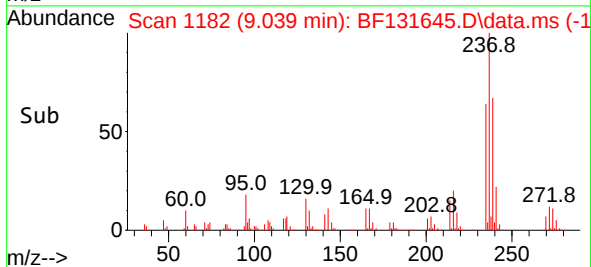
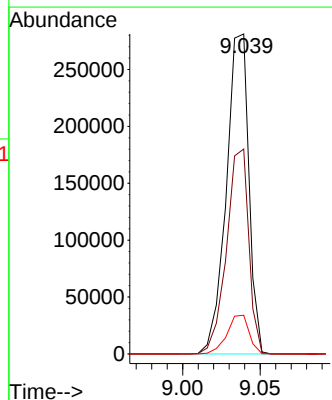
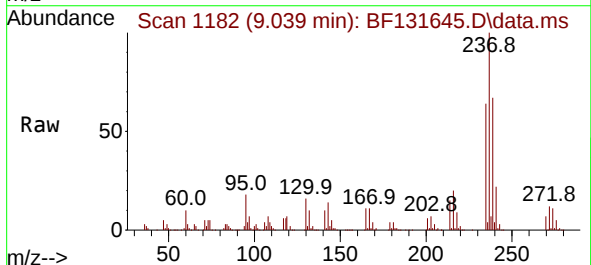
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

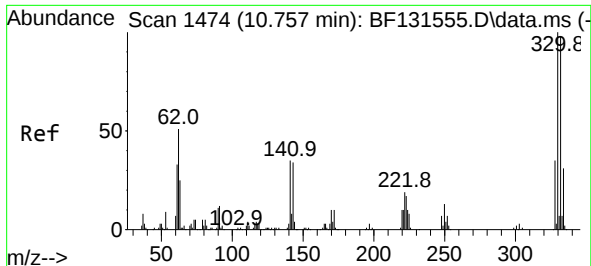
Tgt Ion:	216	Resp:	234584
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.1	93.1
179	20.1	16.0	24.0
108	20.4	15.2	22.8



#41
Hexachlorocyclopentadiene
Concen: 100.659 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:	237	Resp:	284990
Ion Ratio	Lower	Upper	
237	100		
235	64.1	40.6	80.6
272	12.1	0.0	32.2





#42

2,4,6-Tribromophenol

Concen: 108.081 ng

RT: 10.733 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

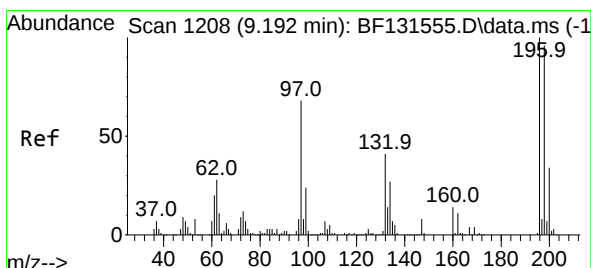
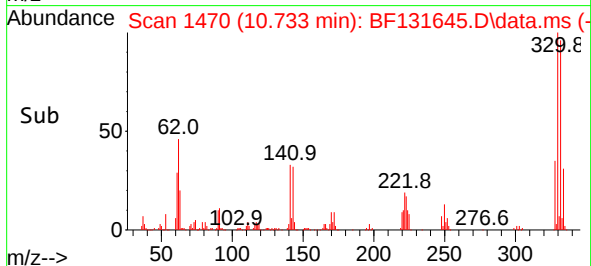
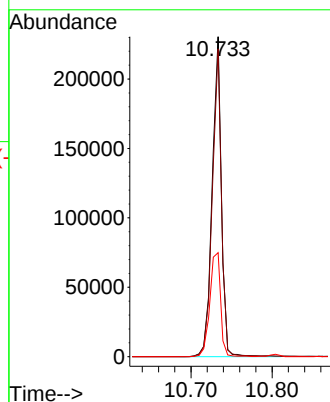
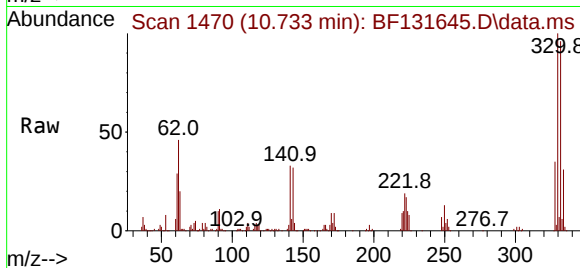
Tgt Ion:330 Resp: 180943

Ion Ratio Lower Upper

330 100

332 95.8 78.3 117.5

141 38.2 32.6 49.0



#43

2,4,6-Trichlorophenol

Concen: 41.873 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

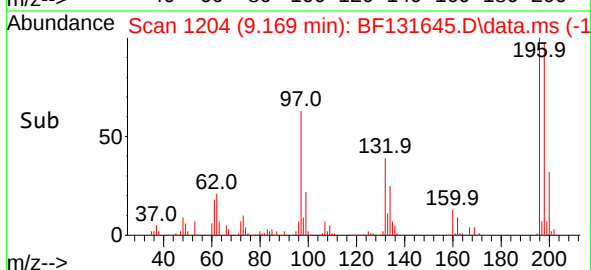
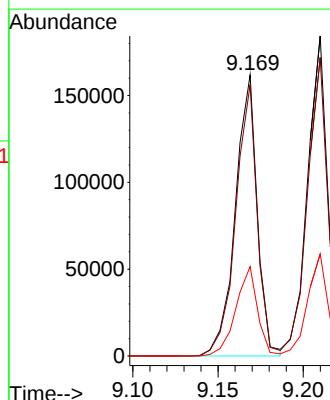
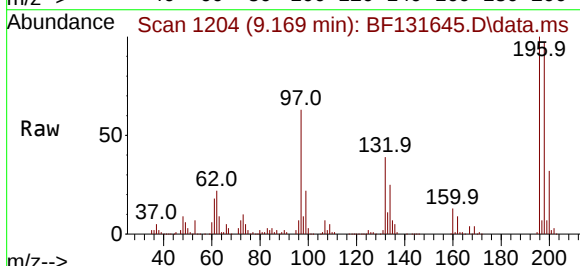
Tgt Ion:196 Resp: 144470

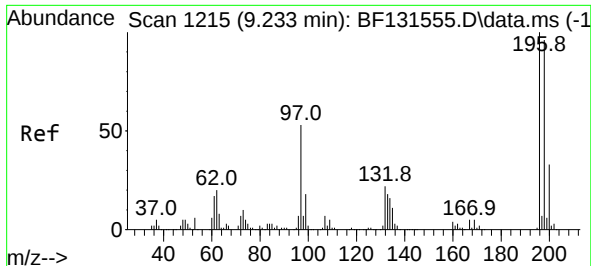
Ion Ratio Lower Upper

196 100

198 96.6 76.9 115.3

200 31.8 26.9 40.3

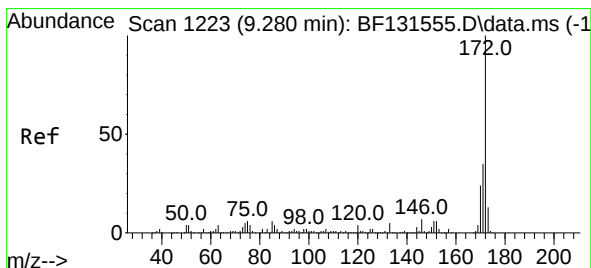
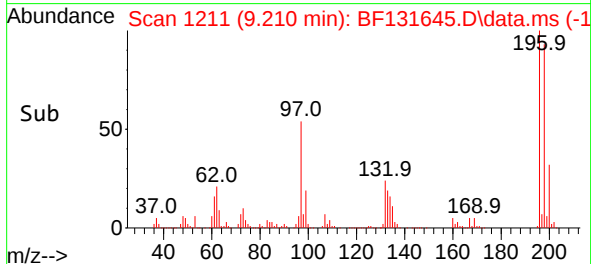
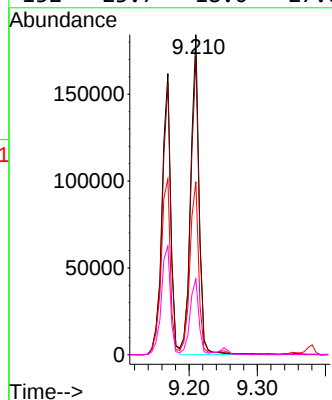
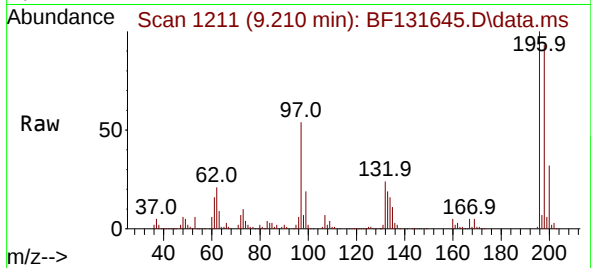




#44
2,4,5-Trichlorophenol
Concen: 42.012 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

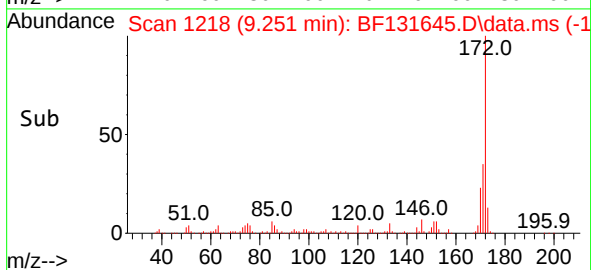
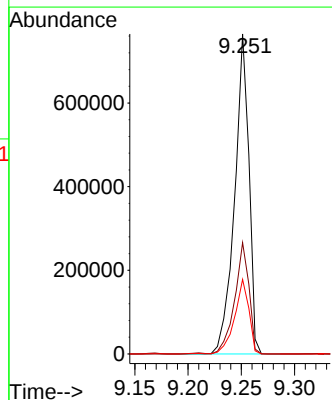
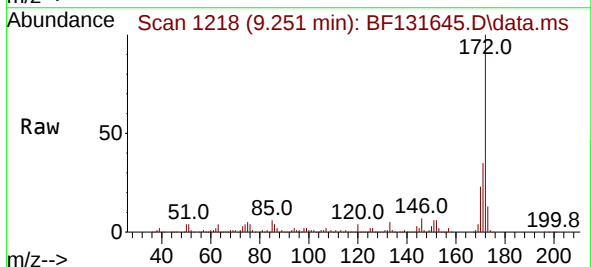
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

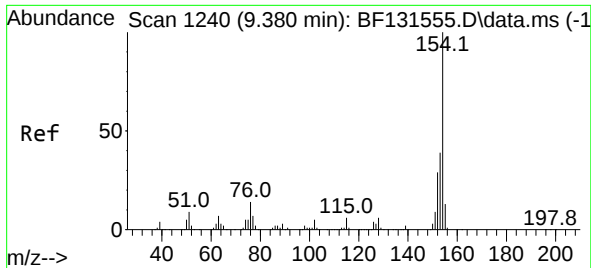
Tgt Ion:196 Resp: 155883
Ion Ratio Lower Upper
196 100
198 93.3 77.2 115.8
97 54.1 42.2 63.2
132 23.7 18.0 27.0



#45
2-Fluorobiphenyl
Concen: 59.764 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:172 Resp: 714229
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.3 19.3 28.9

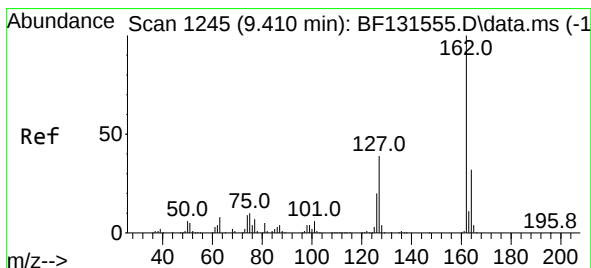
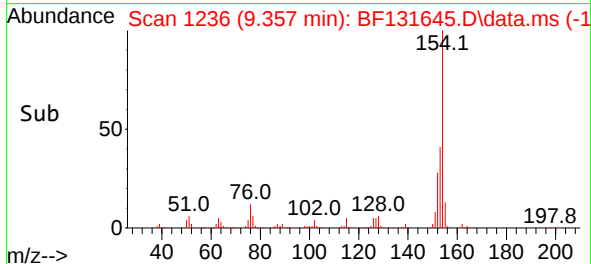
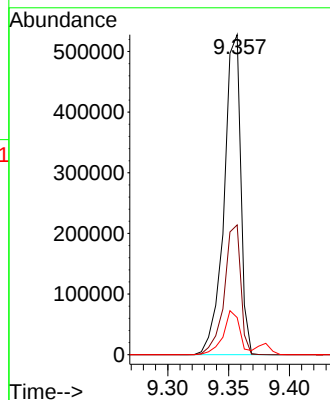
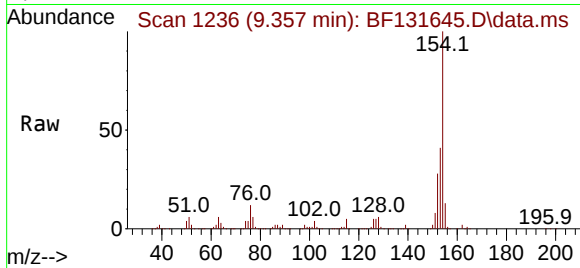




#46
1,1'-Biphenyl
Concen: 42.133 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

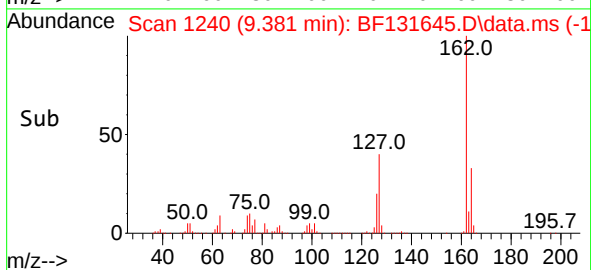
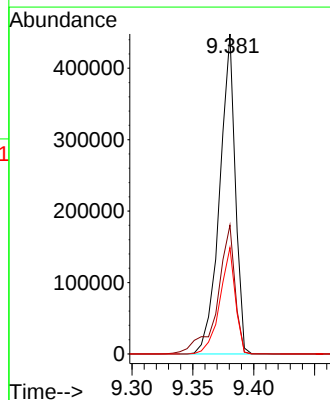
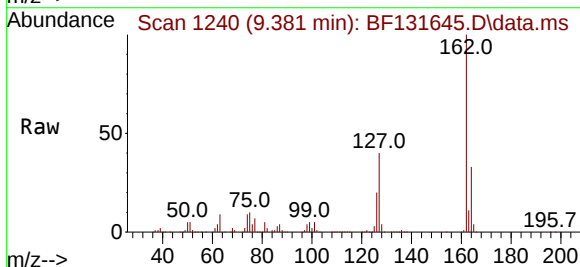
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

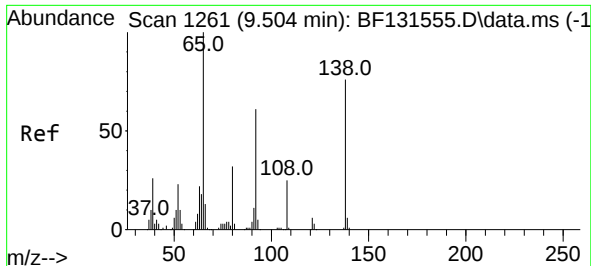
Tgt Ion:154 Resp: 501964
Ion Ratio Lower Upper
154 100
153 40.5 19.4 59.4
76 11.6 0.0 34.0



#47
2-Chloronaphthalene
Concen: 41.355 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:162 Resp: 401422
Ion Ratio Lower Upper
162 100
127 40.2 31.4 47.2
164 33.2 25.8 38.8

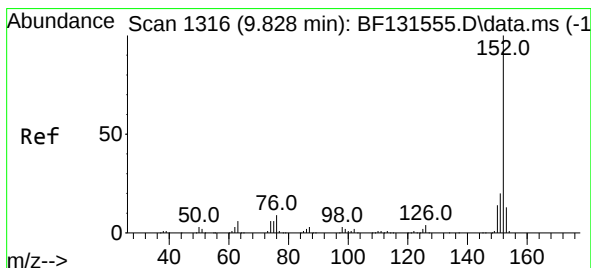
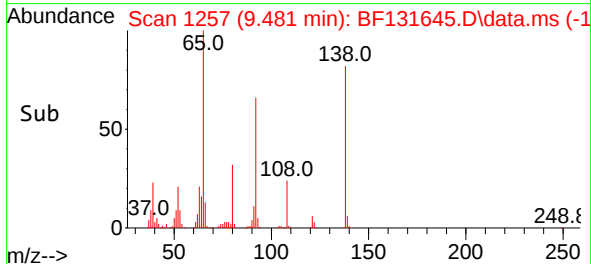
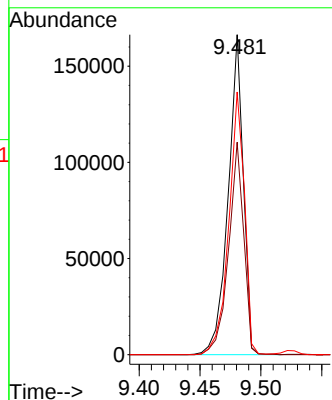
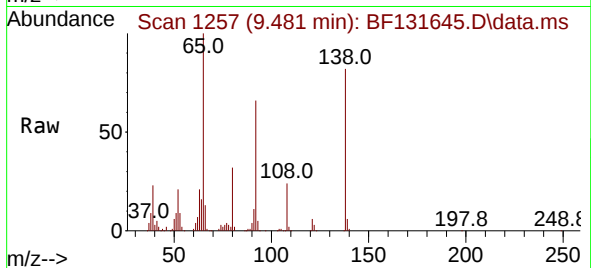




#48
2-Nitroaniline
Concen: 42.022 ng
RT: 9.481 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

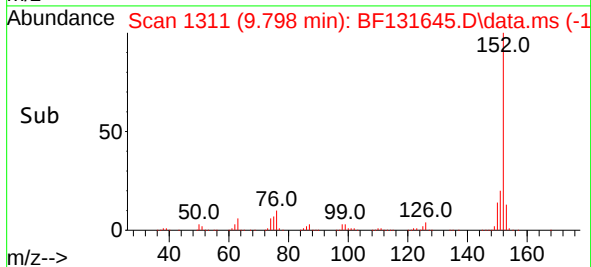
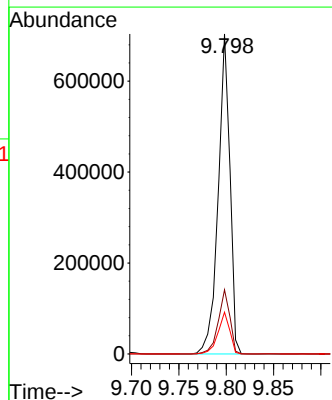
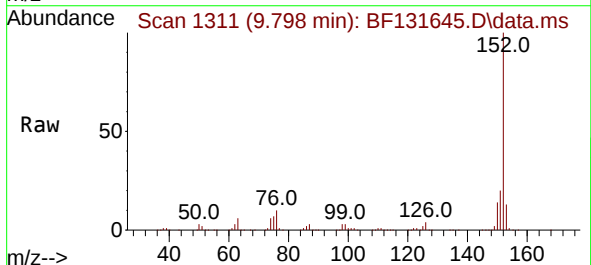
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

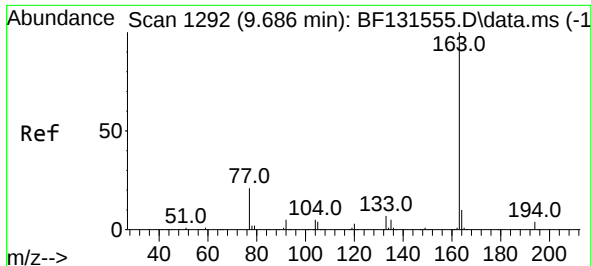
Tgt Ion: 65 Resp: 144494
Ion Ratio Lower Upper
65 100
92 66.4 49.2 73.8
138 82.1 60.7 91.1



#49
Acenaphthylene
Concen: 42.289 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

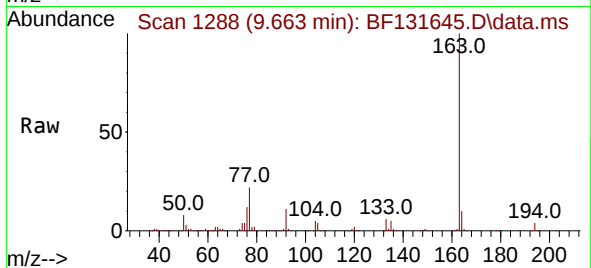
Tgt Ion:152 Resp: 602716
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.1 10.4 15.6



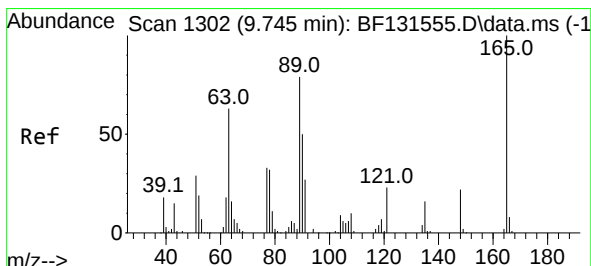
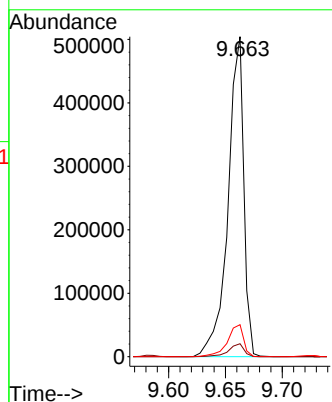
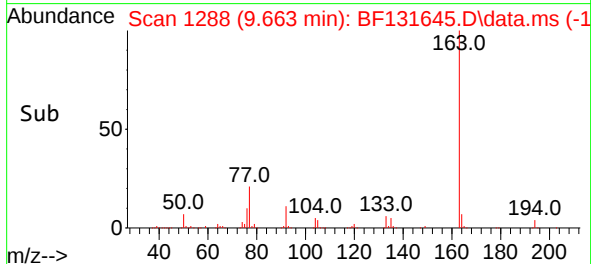


#50
Dimethylphthalate
Concen: 42.281 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

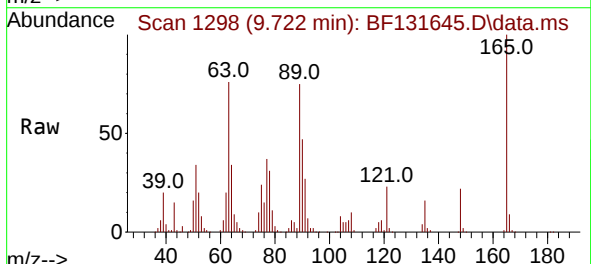
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS



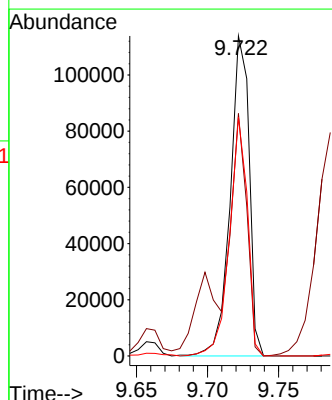
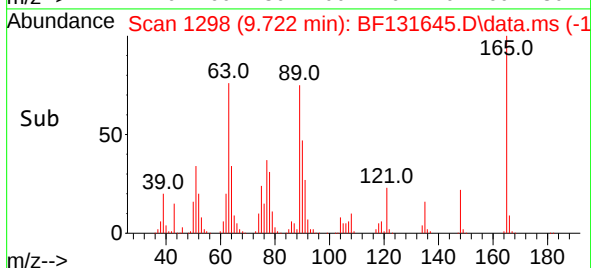
Tgt Ion:163 Resp: 485673
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 7.8 11.6

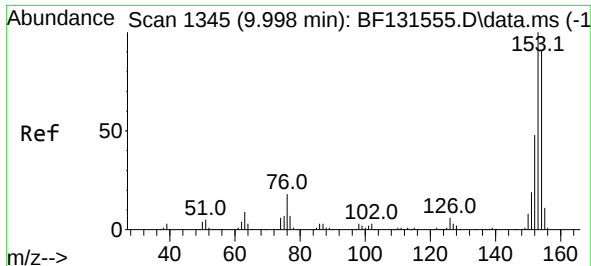


#51
2,6-Dinitrotoluene
Concen: 44.466 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57



Tgt Ion:165 Resp: 105448
Ion Ratio Lower Upper
165 100
63 75.8 67.9 101.9
89 74.6 63.2 94.8

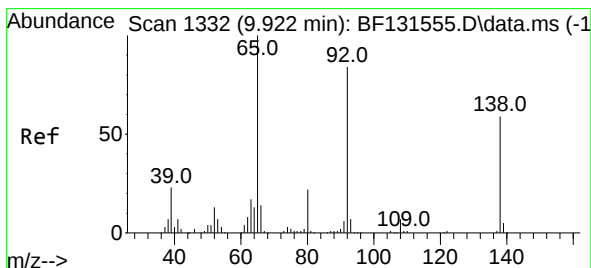
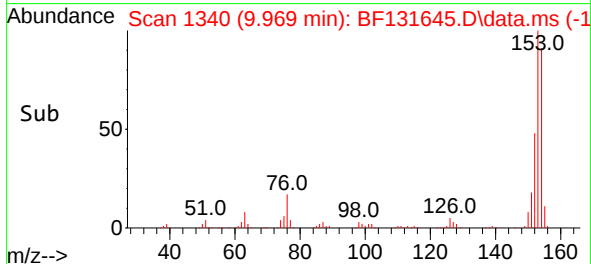
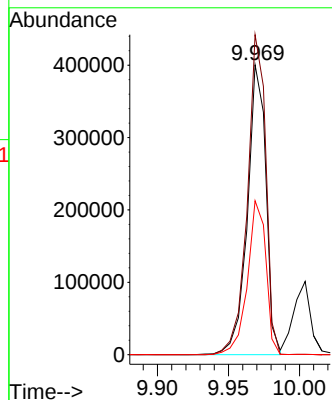
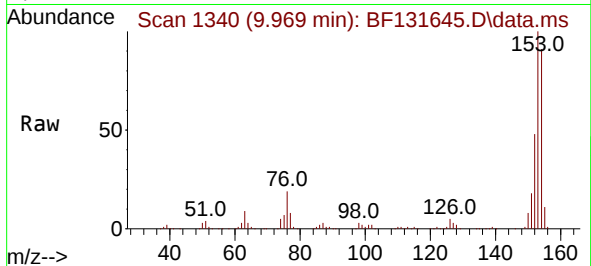




#52
Acenaphthene
Concen: 37.987 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

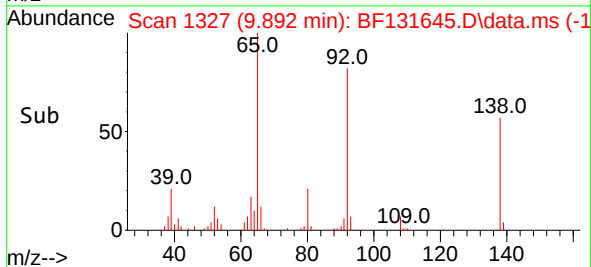
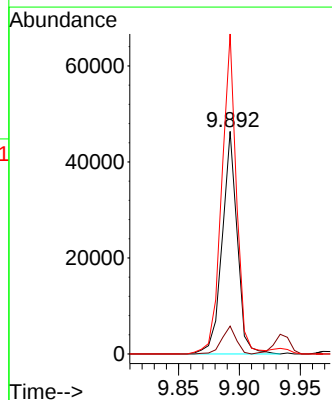
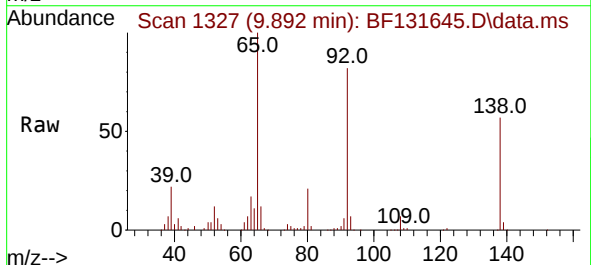
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

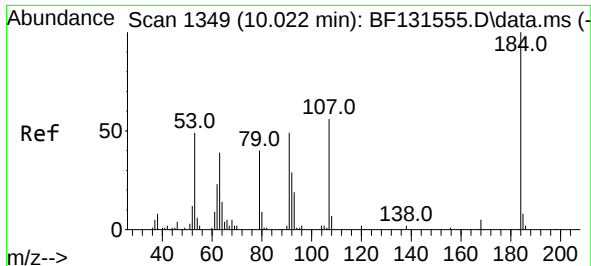
Tgt Ion:154 Resp: 362697
Ion Ratio Lower Upper
154 100
153 110.3 87.9 131.9
152 53.1 42.4 63.6



#53
3-Nitroaniline
Concen: 17.552 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:138 Resp: 39935
Ion Ratio Lower Upper
138 100
108 12.5 9.6 14.4
92 143.8 113.4 170.0

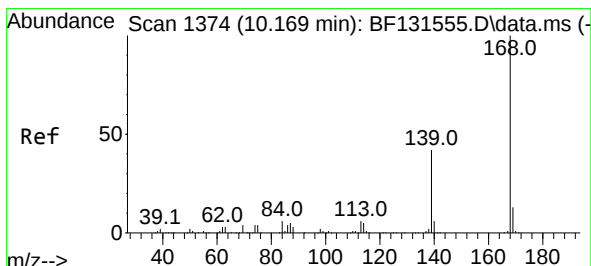
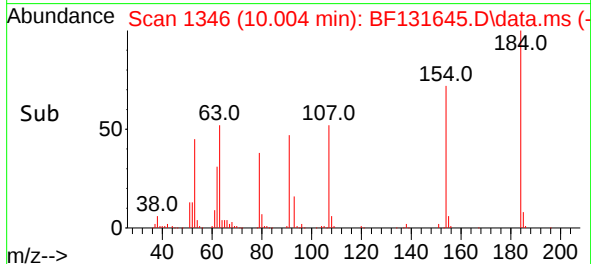
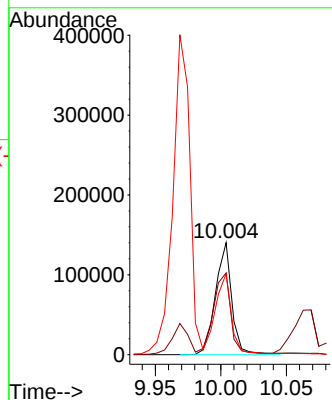
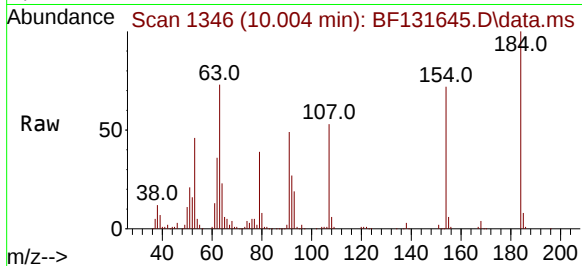




#54
2,4-Dinitrophenol
Concen: 89.714 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

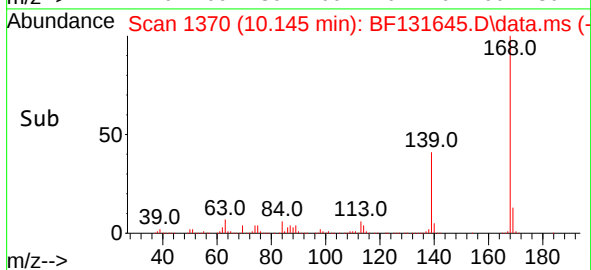
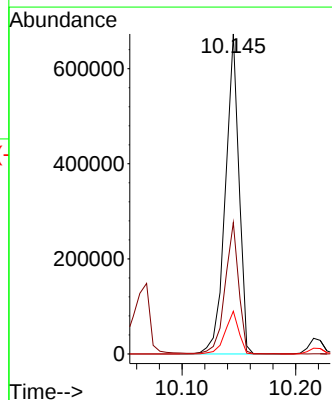
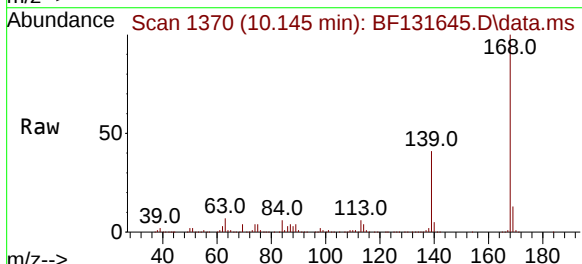
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

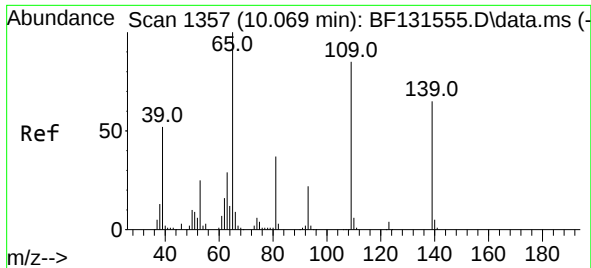
Tgt Ion:184 Resp: 122500
Ion Ratio Lower Upper
184 100
63 73.0 60.7 91.1
154 72.3 59.0 88.6



#55
Dibenzofuran
Concen: 41.575 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:168 Resp: 560872
Ion Ratio Lower Upper
168 100
139 41.1 33.9 50.9
169 13.3 10.7 16.1

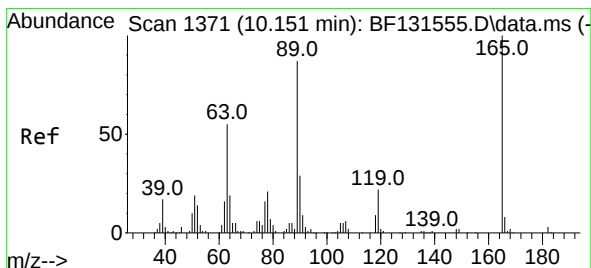
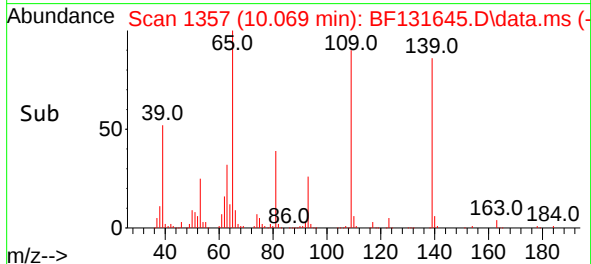
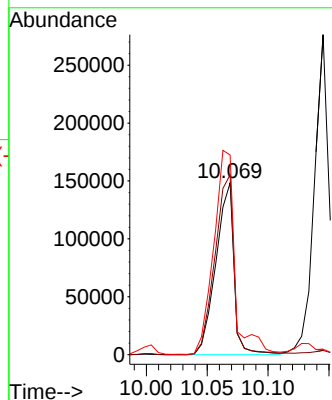
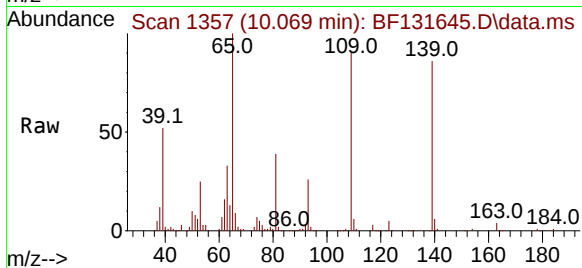




#56
4-Nitrophenol
Concen: 96.989 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.012 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

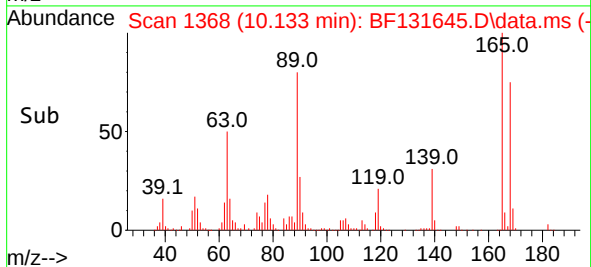
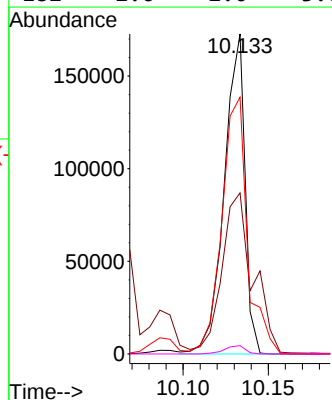
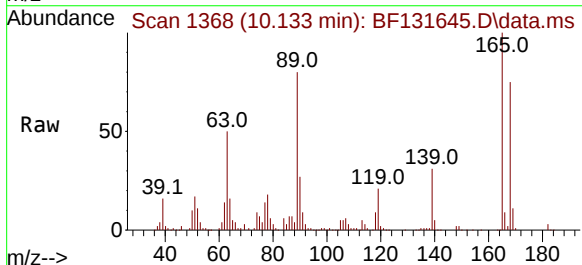
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

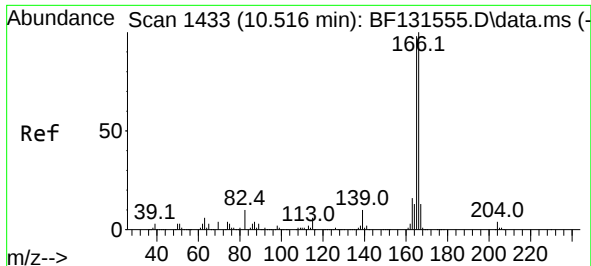
Tgt Ion:139 Resp: 153303
Ion Ratio Lower Upper
139 100
109 104.7 110.2 150.2#
65 116.2 133.3 173.3#



#57
2,4-Dinitrotoluene
Concen: 46.509 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:165 Resp: 146307
Ion Ratio Lower Upper
165 100
63 50.3 44.4 66.6
89 80.3 69.6 104.4
182 2.6 2.0 3.0

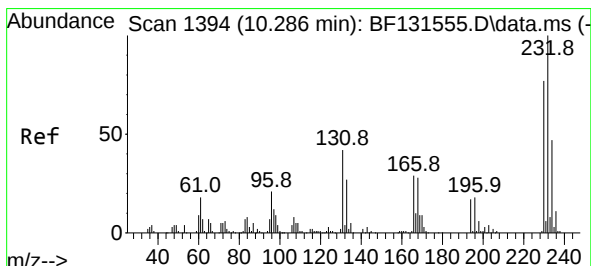
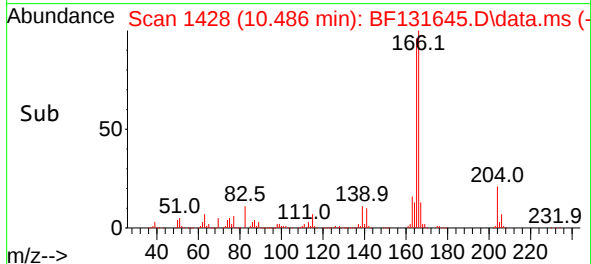
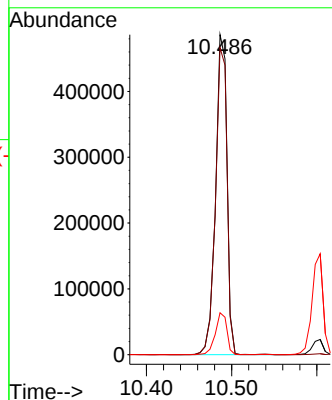
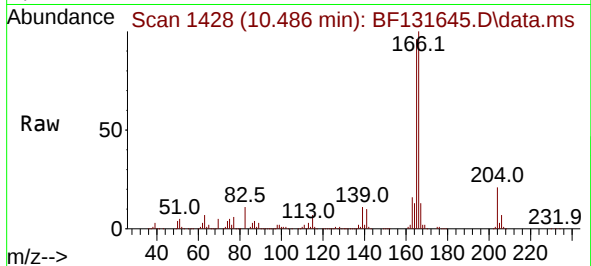




#58
Fluorene
Concen: 41.251 ng
RT: 10.486 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

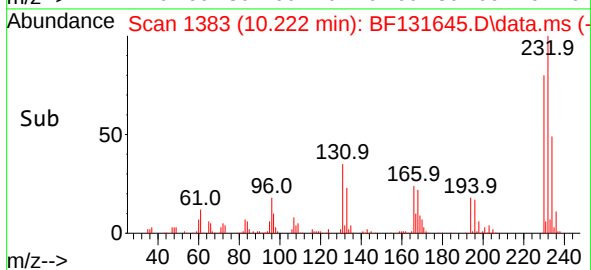
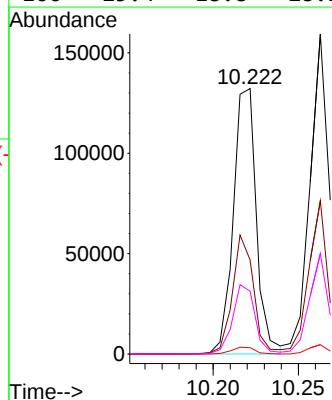
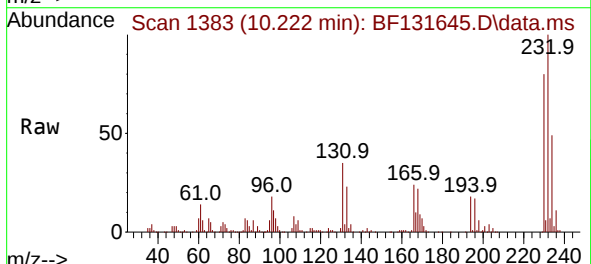
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

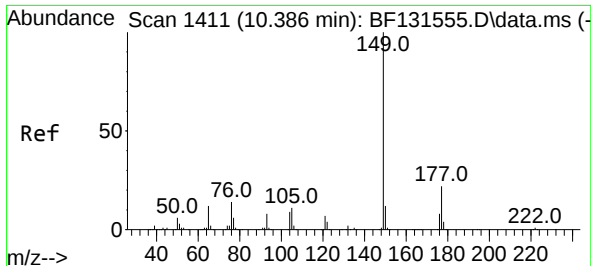
Tgt Ion:166 Resp: 452414
Ion Ratio Lower Upper
166 100
165 95.9 78.4 117.6
167 13.1 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 39.633 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.041 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:232 Resp: 124527
Ion Ratio Lower Upper
232 100
131 41.2 31.0 46.6
130 2.5 1.8 2.8
166 25.4 18.8 28.2

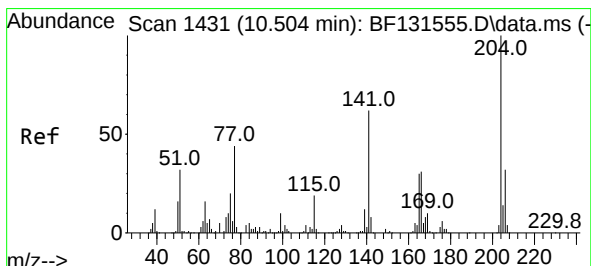
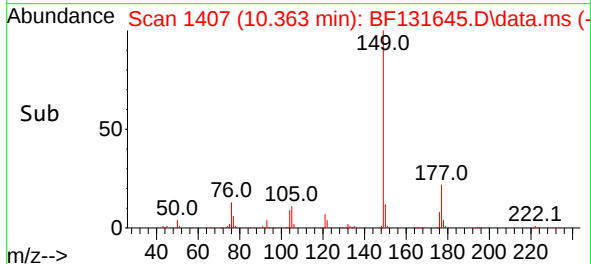
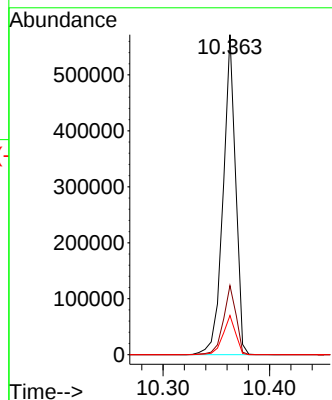
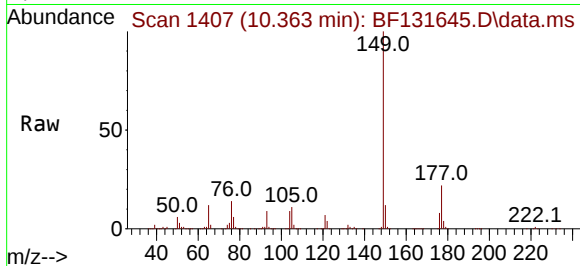




#60
Diethylphthalate
Concen: 41.995 ng
RT: 10.363 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

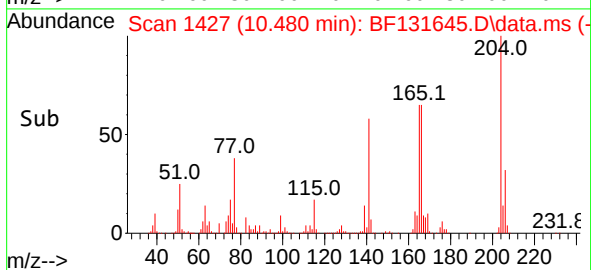
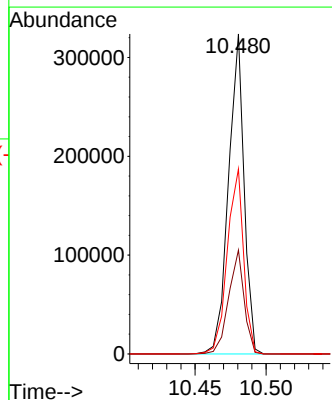
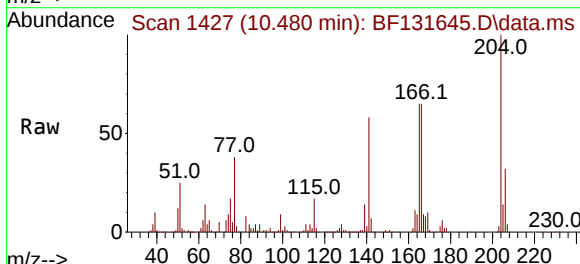
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

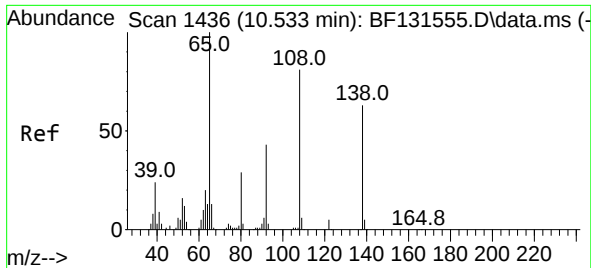
Tgt Ion:149 Resp: 462917
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.3 9.7 14.5



#61
4-Chlorophenyl-phenylether
Concen: 40.833 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:204 Resp: 247481
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.2
141 57.8 49.5 74.3

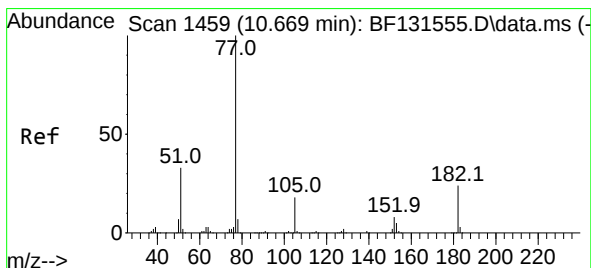
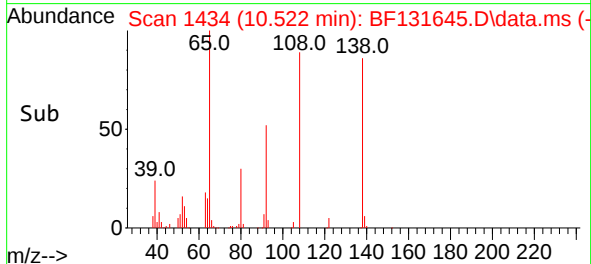
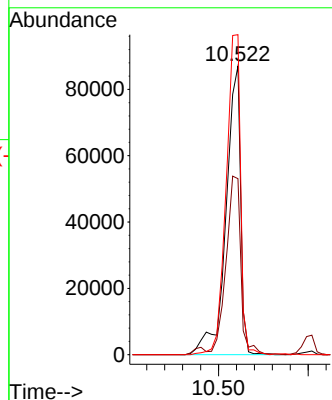
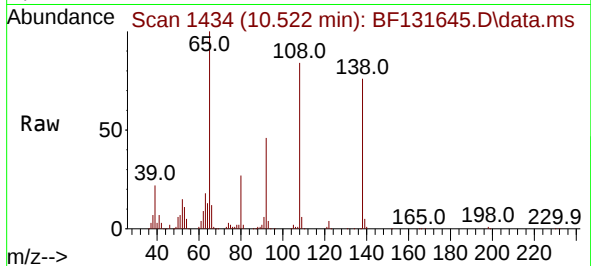




#62
4-Nitroaniline
Concen: 43.579 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

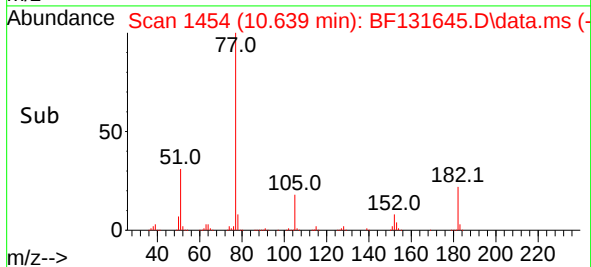
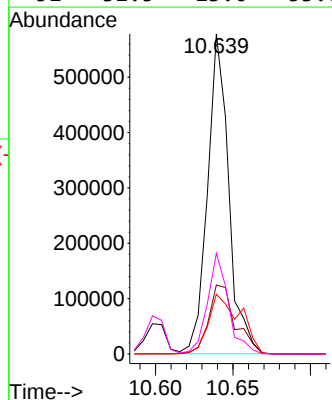
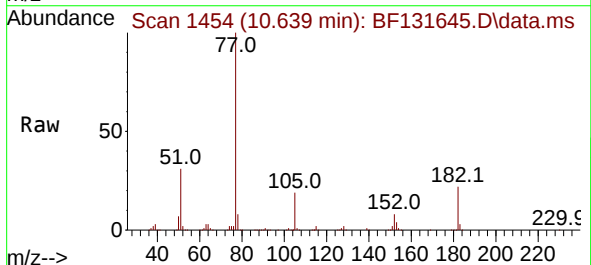
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

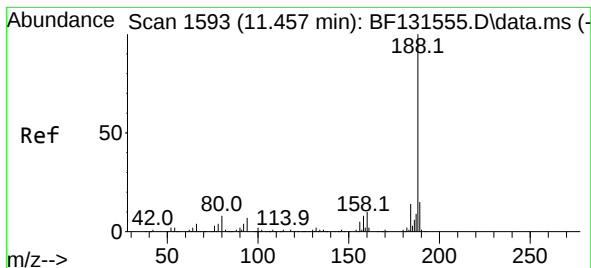
Tgt Ion:138 Resp: 98258
Ion Ratio Lower Upper
138 100
92 61.0 47.5 87.5
108 110.9 108.8 148.8



#63
Azobenzene
Concen: 43.644 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion: 77 Resp: 548717
Ion Ratio Lower Upper
77 100
182 21.6 3.9 43.9
105 18.7 0.0 38.3
51 31.5 13.0 53.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

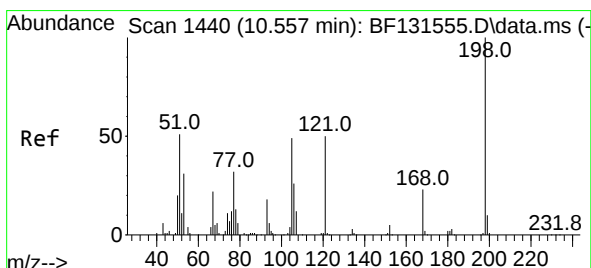
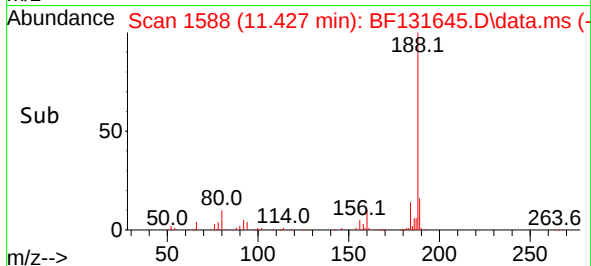
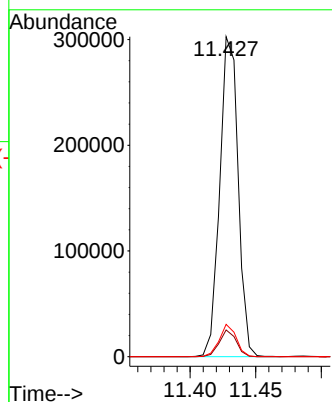
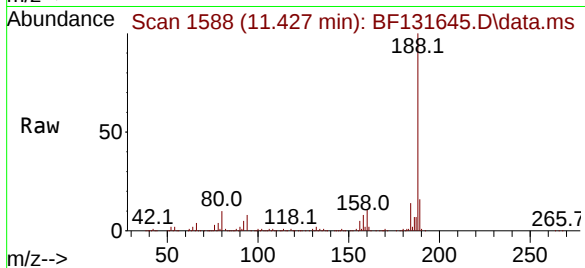
Tgt Ion:188 Resp: 294173

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 10.1 6.6 10.0#



#65

4,6-Dinitro-2-methylphenol

Concen: 44.112 ng

RT: 10.539 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

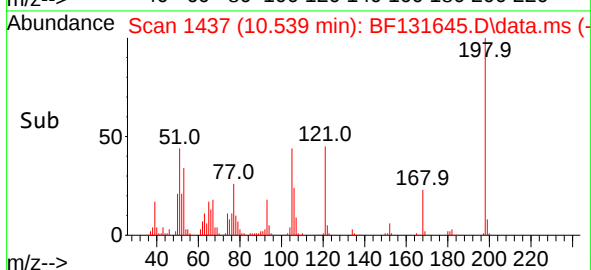
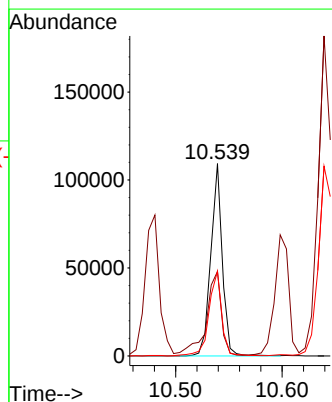
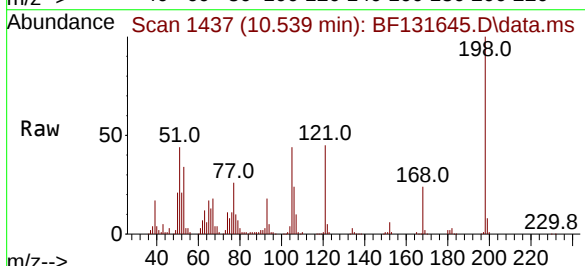
Tgt Ion:198 Resp: 82190

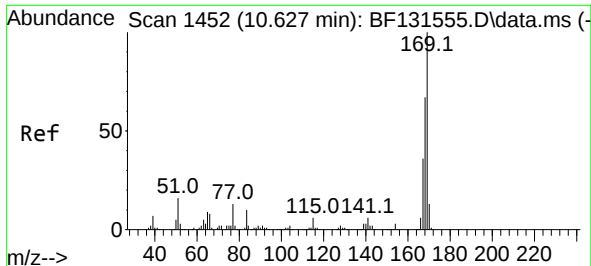
Ion Ratio Lower Upper

198 100

51 44.0 36.7 76.7

105 44.2 29.9 69.9

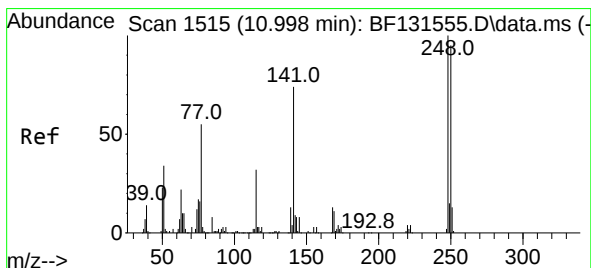
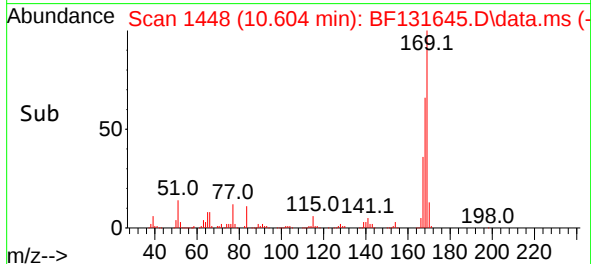
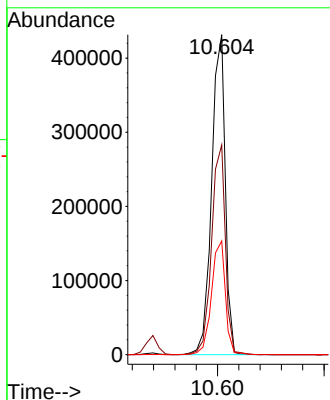
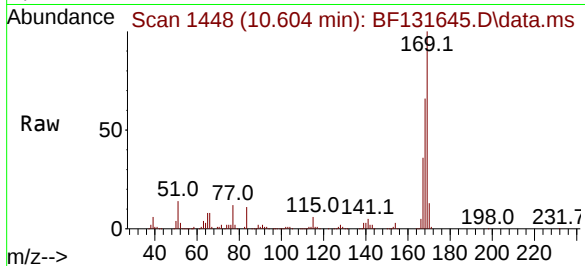




#66
n-Nitrosodiphenylamine
Concen: 40.091 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

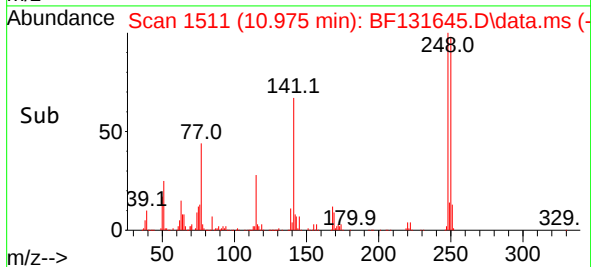
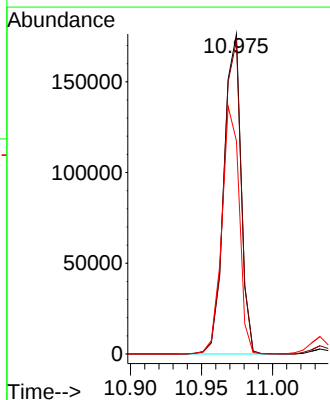
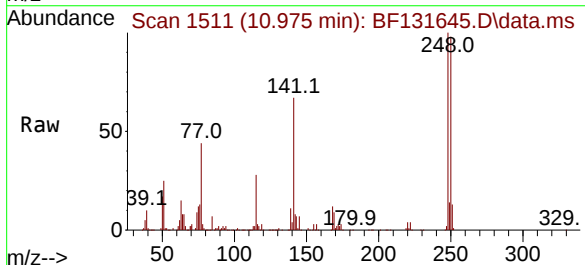
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

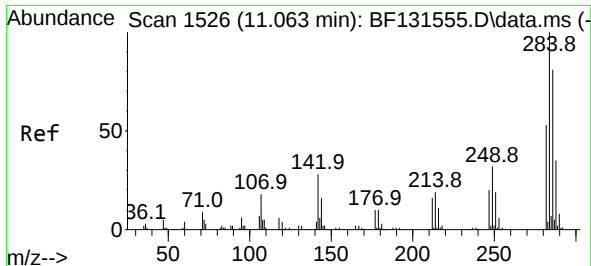
Tgt Ion:169 Resp: 381284
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 35.6 29.1 43.7



#67
4-Bromophenyl-phenylether
Concen: 39.049 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:248 Resp: 147775
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.2
141 66.6 59.5 89.3

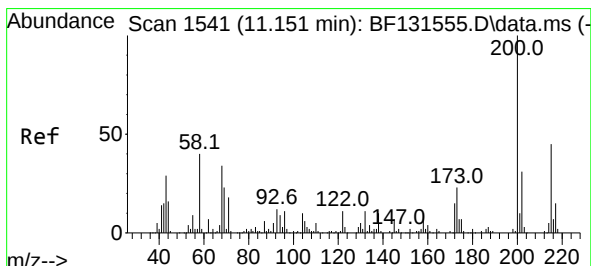
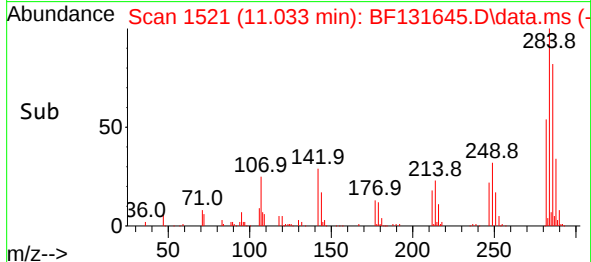
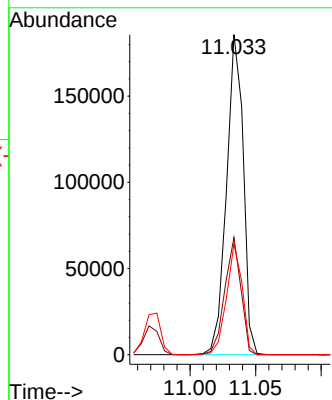
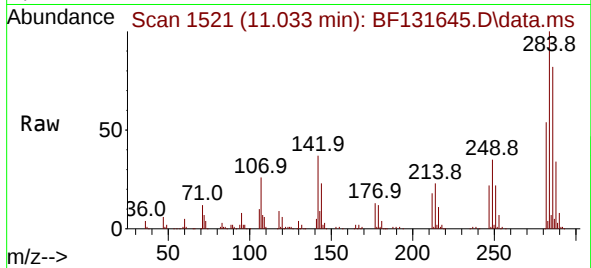




#68
Hexachlorobenzene
Concen: 40.209 ng
RT: 11.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

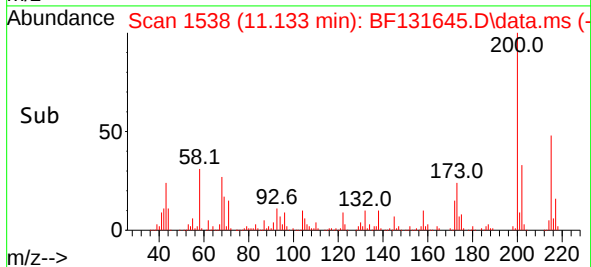
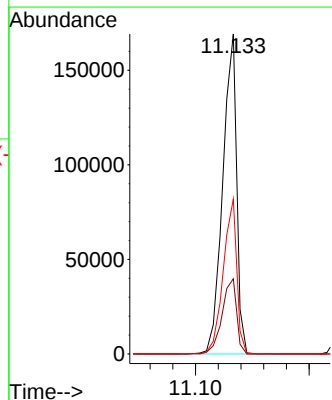
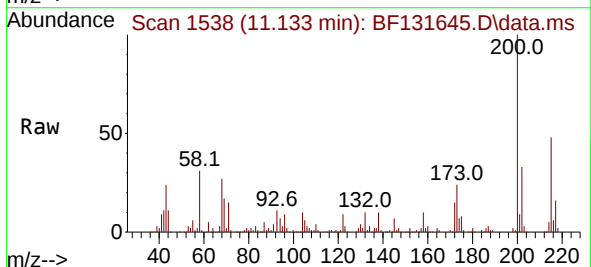
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

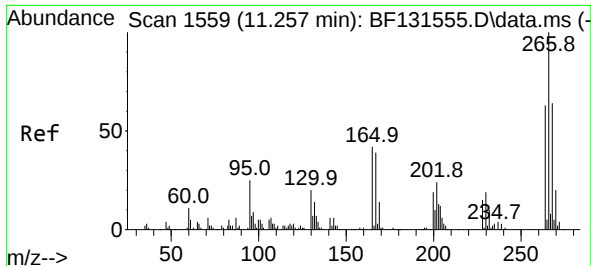
Tgt Ion:284 Resp: 164589
Ion Ratio Lower Upper
284 100
142 36.6 22.3 33.5#
249 34.6 25.4 38.2



#69
Atrazine
Concen: 47.770 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:200 Resp: 144269
Ion Ratio Lower Upper
200 100
173 23.5 3.4 43.4
215 48.4 25.0 65.0

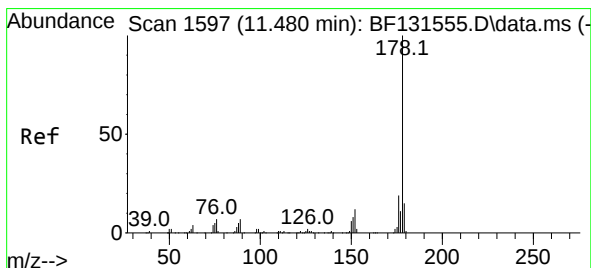
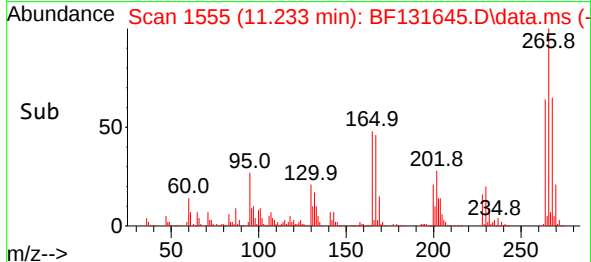
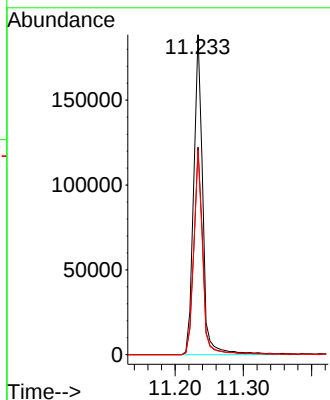
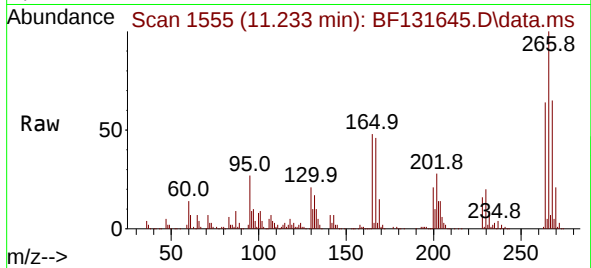




#70
 Pentachlorophenol
 Concen: 81.861 ng
 RT: 11.233 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

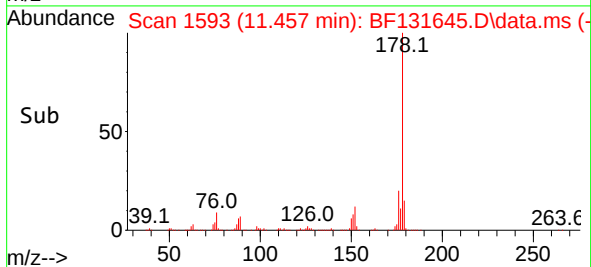
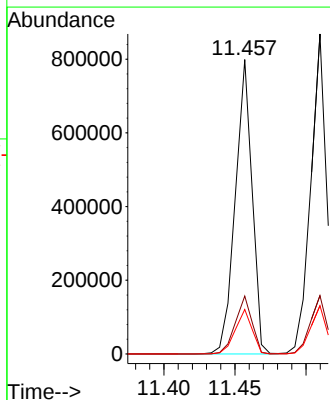
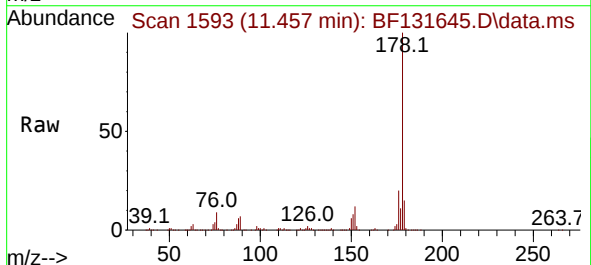
Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)MS

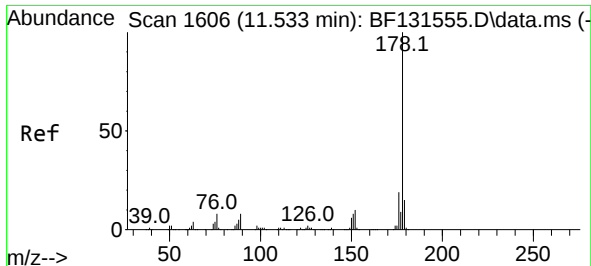
Tgt Ion:266 Resp: 172505
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.5 77.3
 264 63.7 50.7 76.1



#71
 Phenanthrene
 Concen: 40.141 ng
 RT: 11.457 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

Tgt Ion:178 Resp: 658184
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 15.1 12.2 18.4

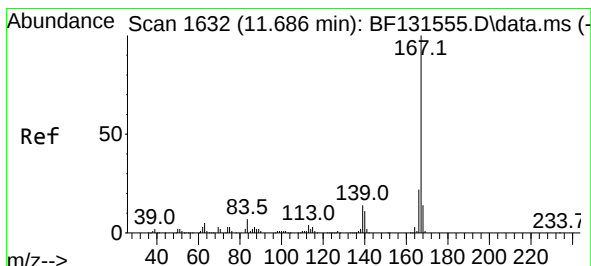
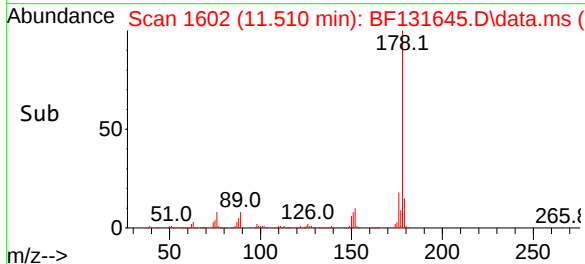
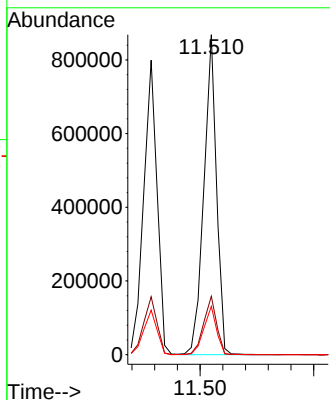
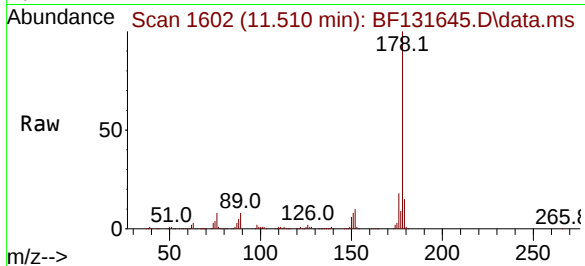




#72
 Anthracene
 Concen: 42.041 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

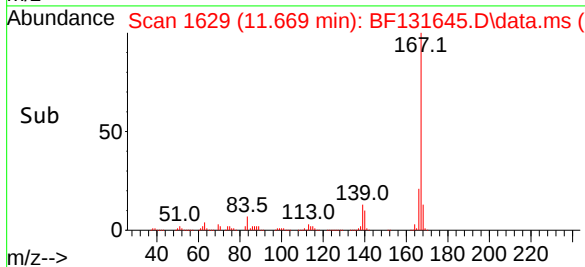
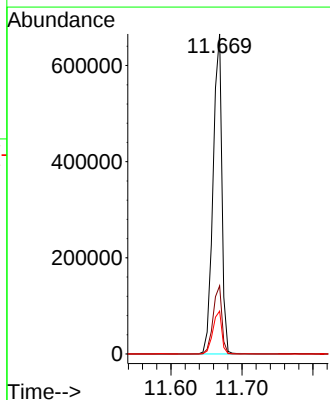
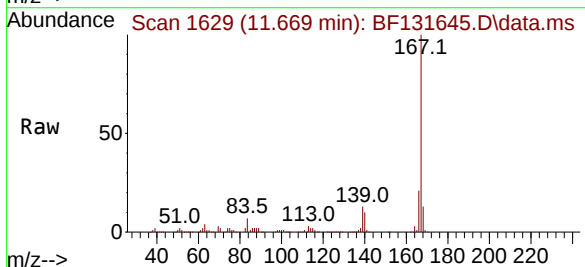
Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)MS

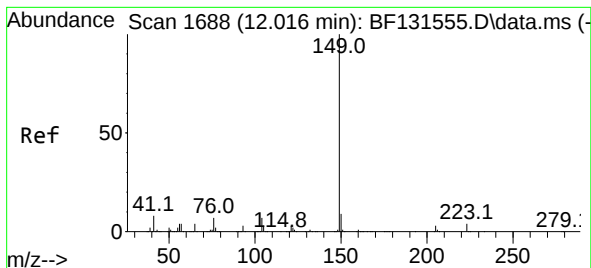
Tgt Ion:178 Resp: 670667
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.6
 179 15.1 12.3 18.5



#73
 Carbazole
 Concen: 44.146 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.006 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

Tgt Ion:167 Resp: 574838
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.4 11.0 16.4





#74

Di-n-butylphthalate

Concen: 44.062 ng

RT: 11.992 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

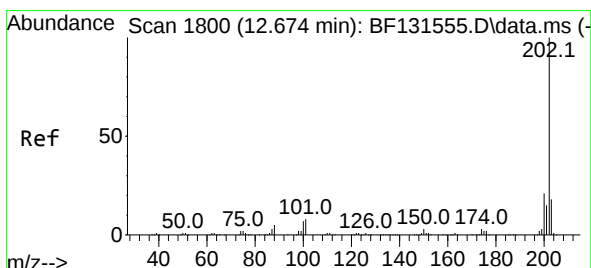
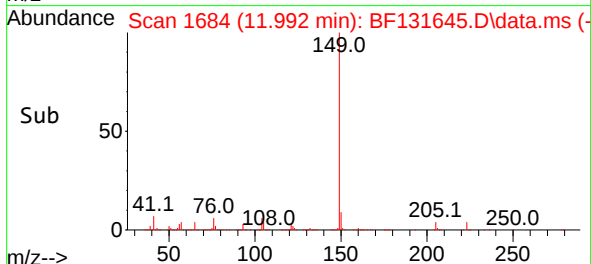
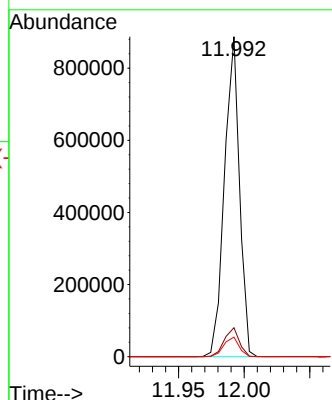
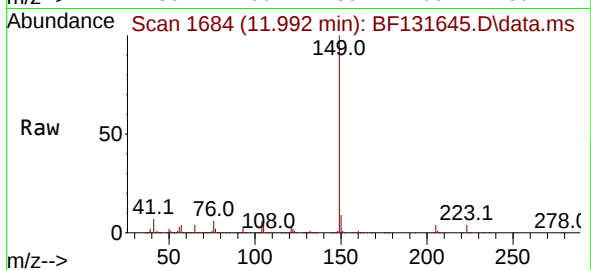
Tgt Ion:149 Resp: 703880

Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 6.1 5.2 7.8



#75

Fluoranthene

Concen: 42.702 ng

RT: 12.651 min Scan# 1796

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

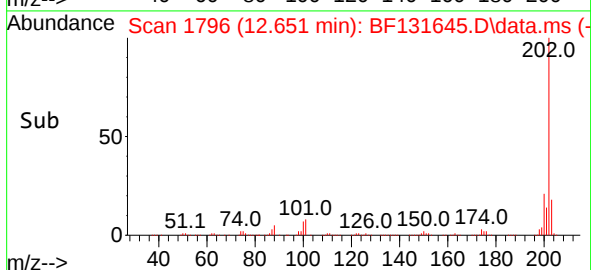
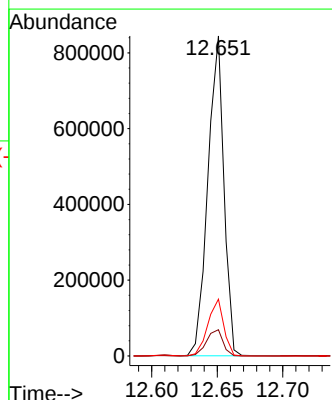
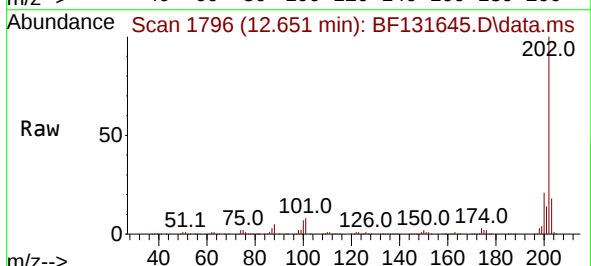
Tgt Ion:202 Resp: 720992

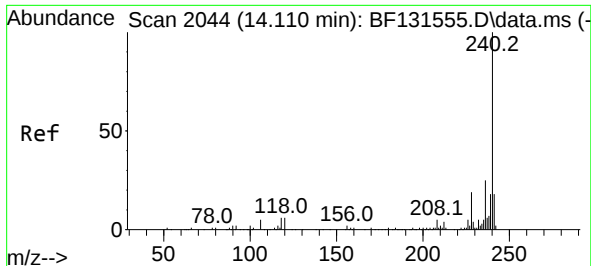
Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.7

203 17.7 0.0 37.7

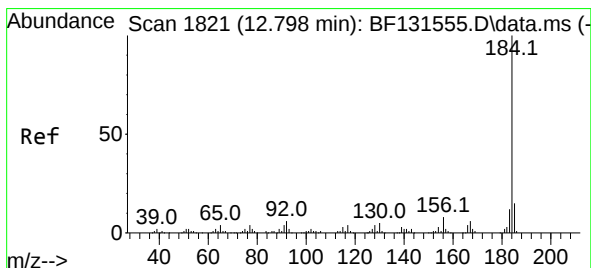
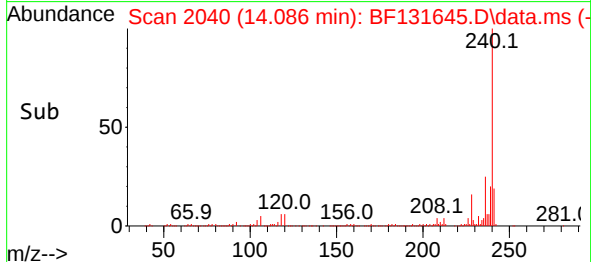
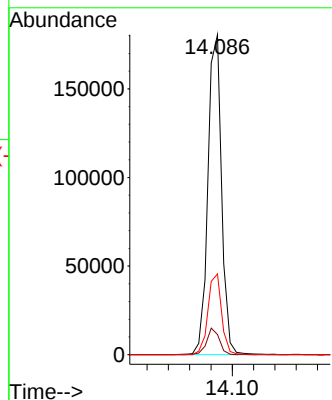
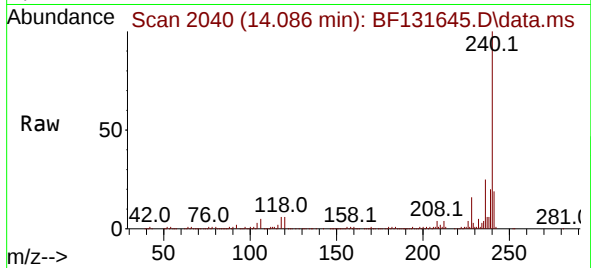




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

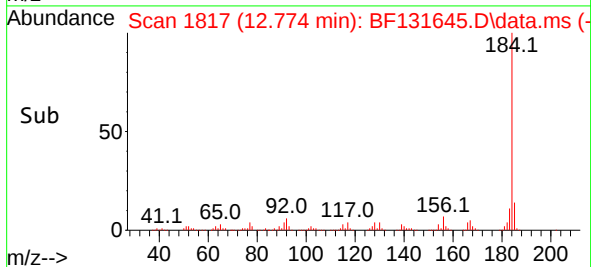
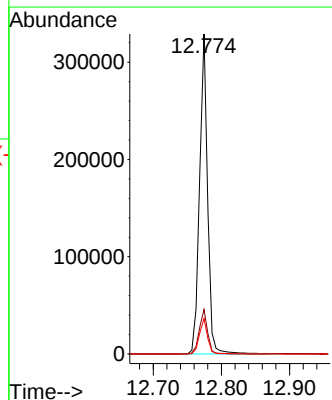
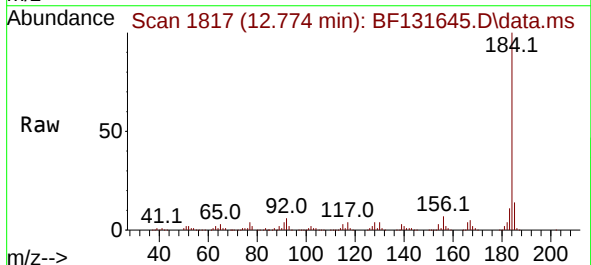
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MS

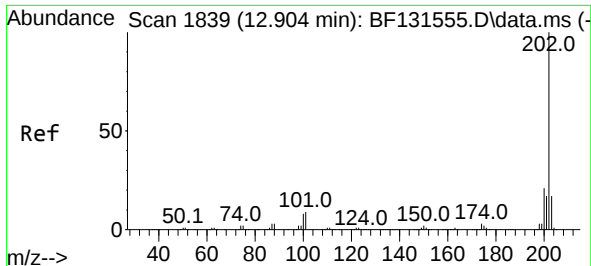
Tgt Ion:240 Resp: 161148
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 25.2 20.2 30.2



#77
Benzidine
Concen: 62.309 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131645.D
Acq: 15 Dec 2022 12:57

Tgt Ion:184 Resp: 269036
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 11.1 9.3 13.9

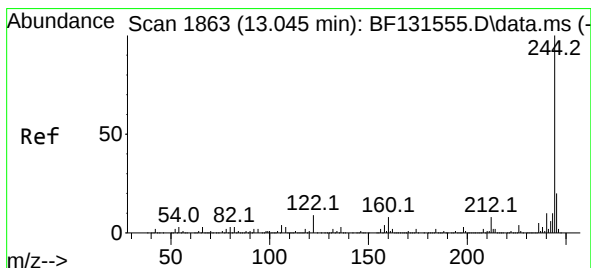
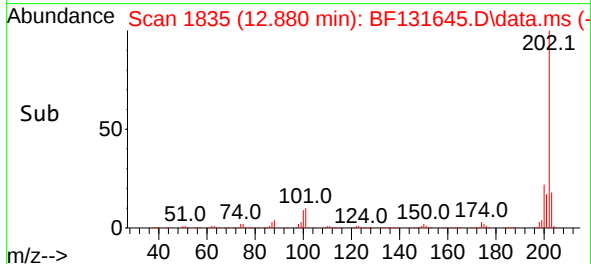
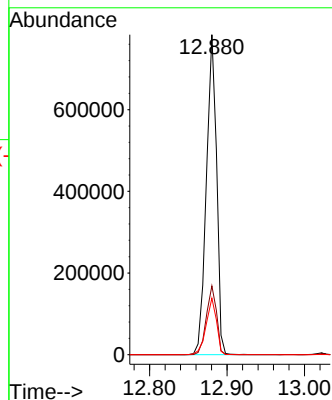
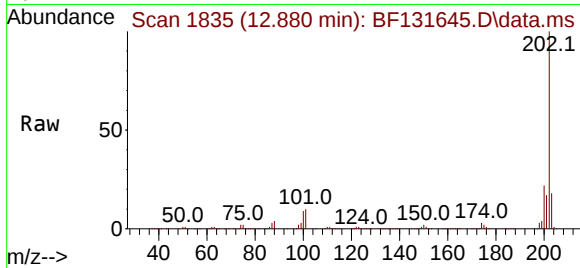




#78
 Pyrene
 Concen: 45.181 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

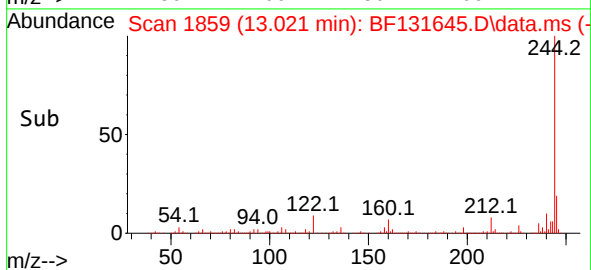
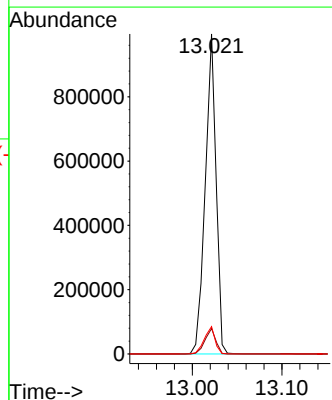
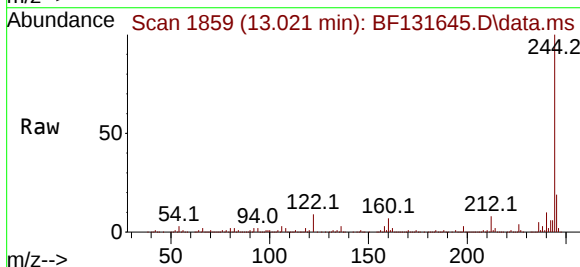
Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)MS

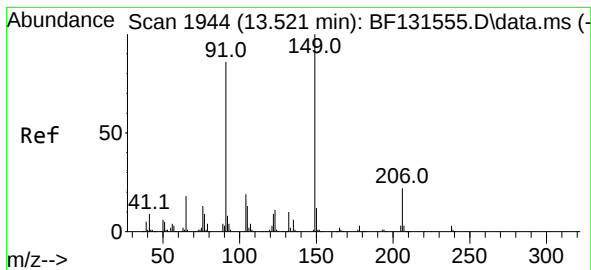
Tgt Ion:202 Resp: 717922
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.7 25.1
 203 17.6 13.8 20.6



#79
 Terphenyl-d14
 Concen: 71.107 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

Tgt Ion:244 Resp: 835554
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.6 7.1 10.7





#80

Butylbenzylphthalate

Concen: 56.408 ng

RT: 13.498 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

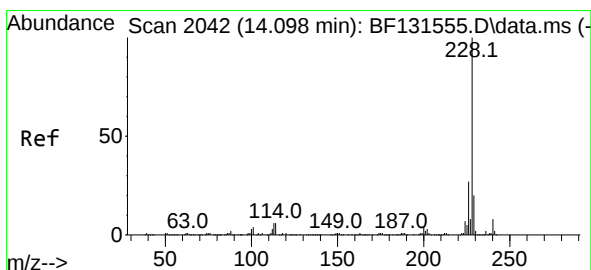
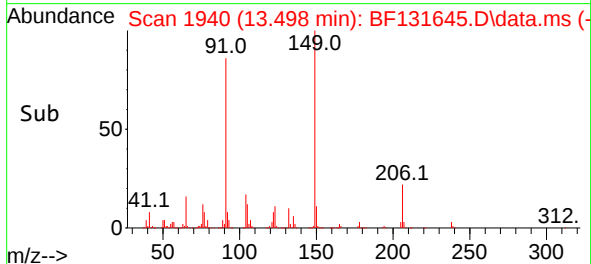
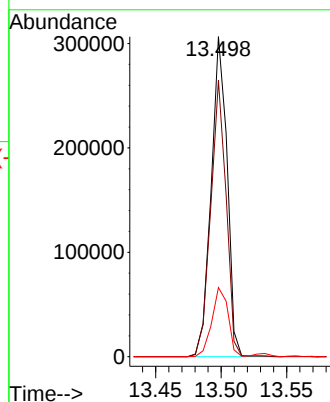
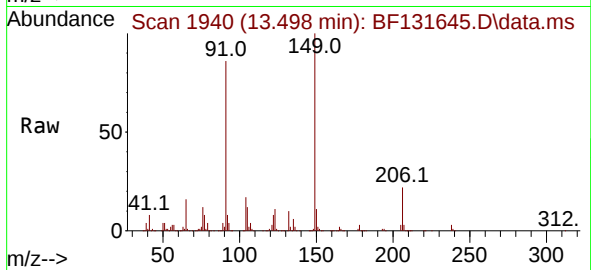
Tgt Ion:149 Resp: 259392

Ion Ratio Lower Upper

149 100

91 86.3 69.0 103.4

206 21.6 17.8 26.8



#81

Benzo(a)anthracene

Concen: 43.125 ng

RT: 14.074 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

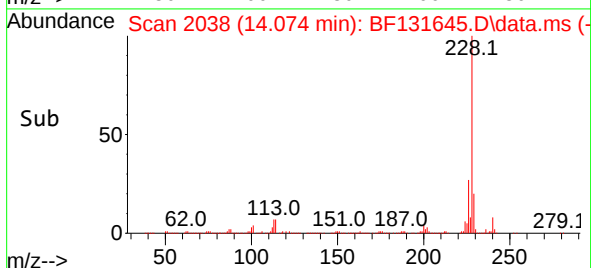
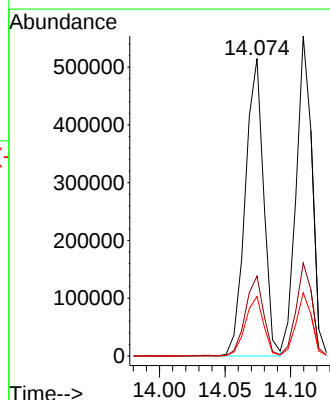
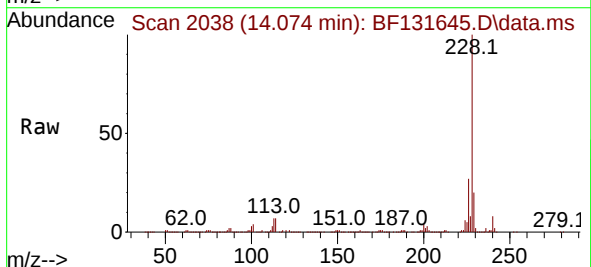
Tgt Ion:228 Resp: 501862

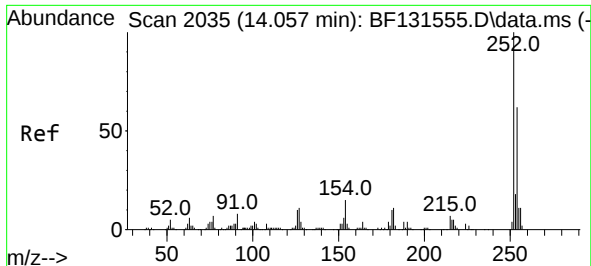
Ion Ratio Lower Upper

228 100

226 26.8 21.5 32.3

229 20.0 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 16.483 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

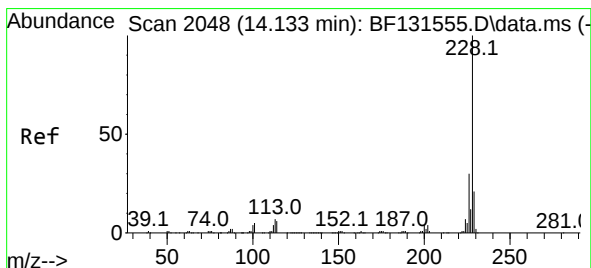
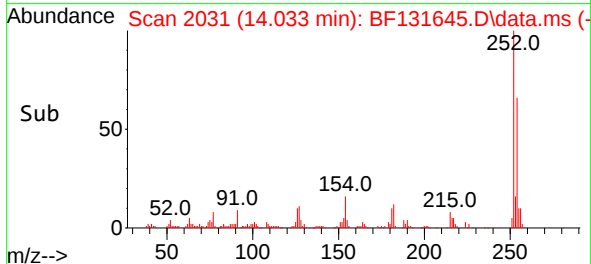
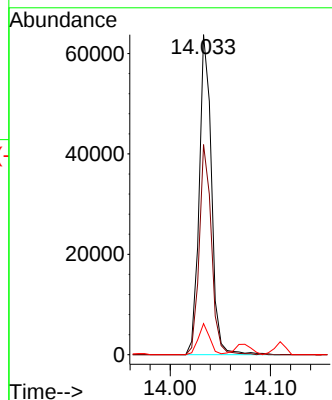
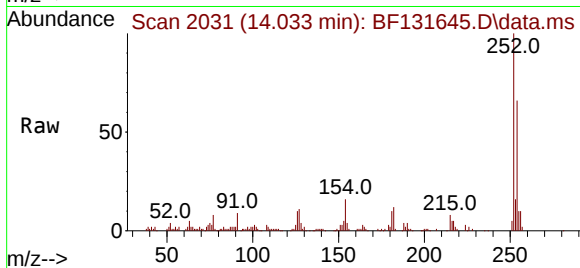
Tgt Ion:252 Resp: 54577

Ion Ratio Lower Upper

252 100

254 65.7 49.6 74.4

126 9.7 7.9 11.9



#83

Chrysene

Concen: 42.515 ng

RT: 14.110 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

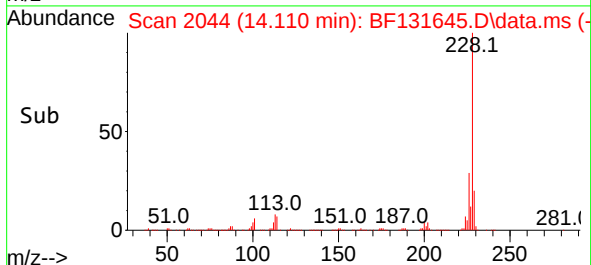
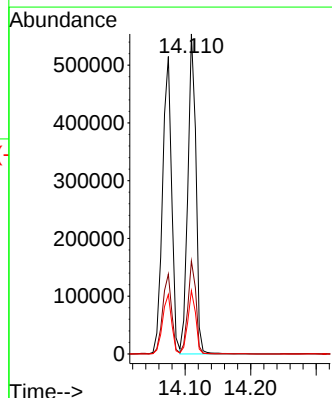
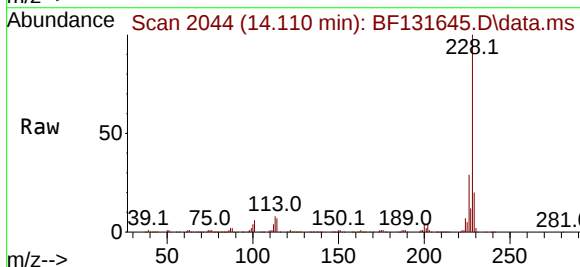
Tgt Ion:228 Resp: 470375

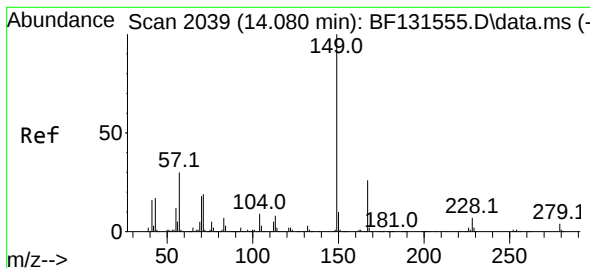
Ion Ratio Lower Upper

228 100

226 29.0 23.9 35.9

229 19.8 16.7 25.1

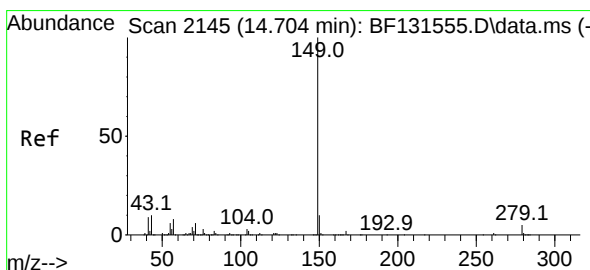
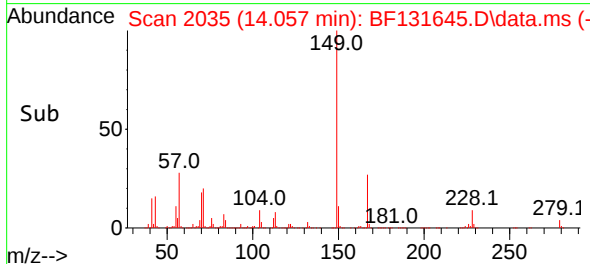
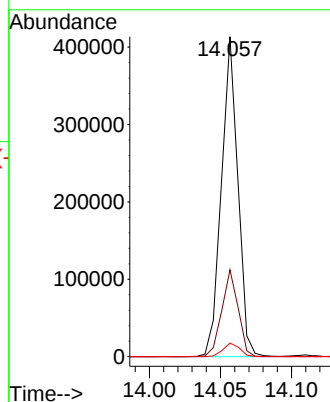
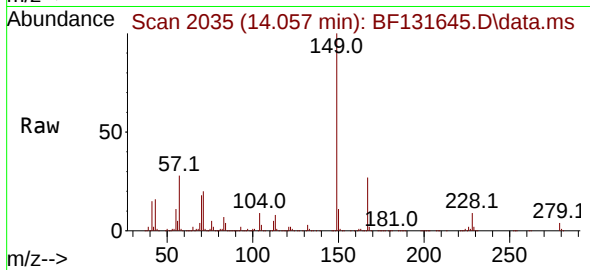




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.835 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

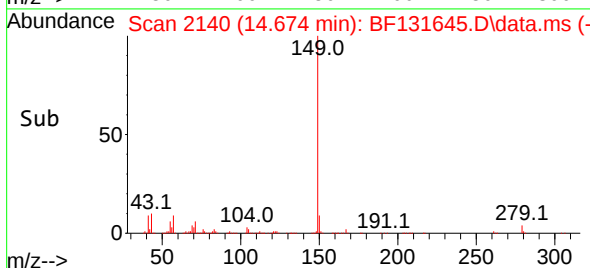
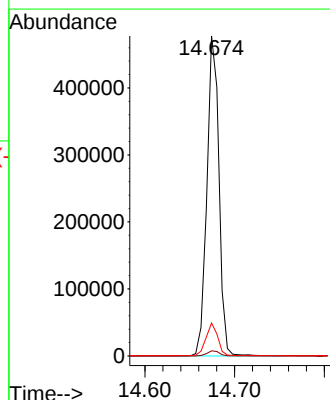
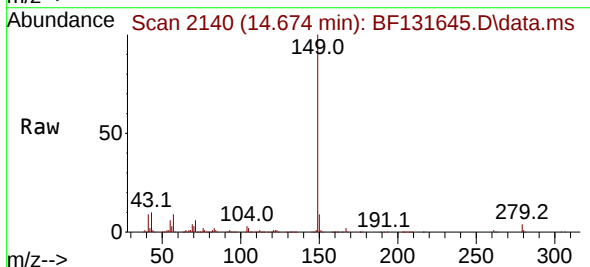
Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)MS

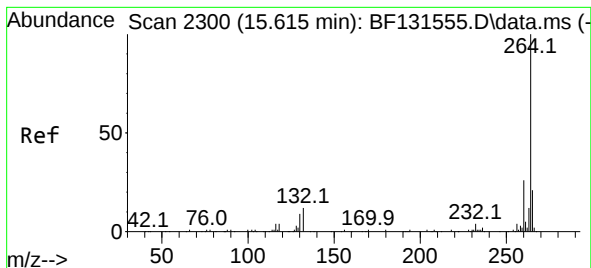
Tgt Ion:149 Resp: 333035
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.8 31.2
 279 4.3 3.3 4.9



#85
 Di-n-octyl phthalate
 Concen: 43.892 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

Tgt Ion:149 Resp: 445413
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.1 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

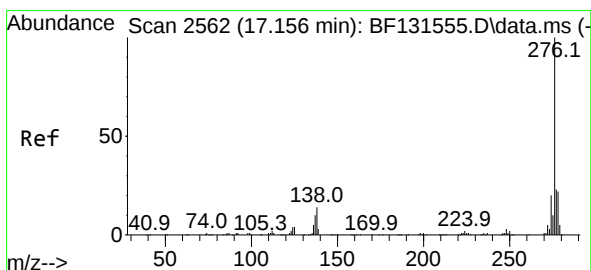
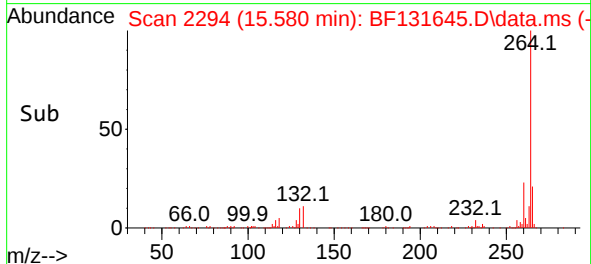
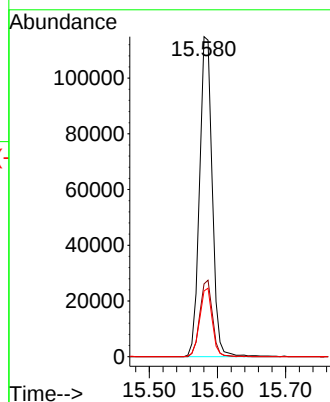
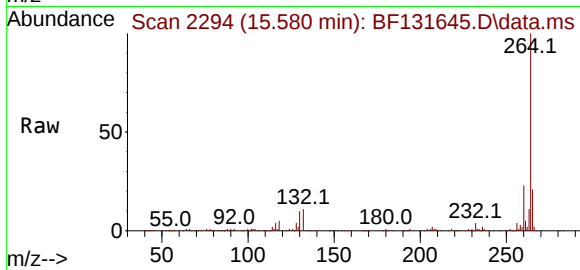
Tgt Ion:264 Resp: 148730

Ion Ratio Lower Upper

264 100

260 22.7 20.6 30.8

265 20.5 16.8 25.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 40.971 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

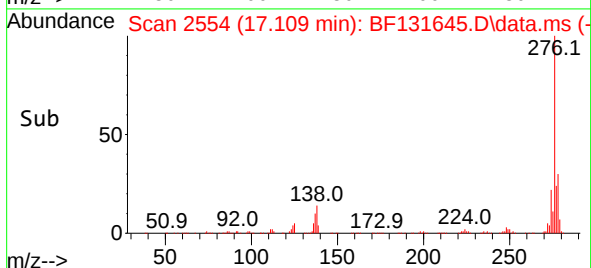
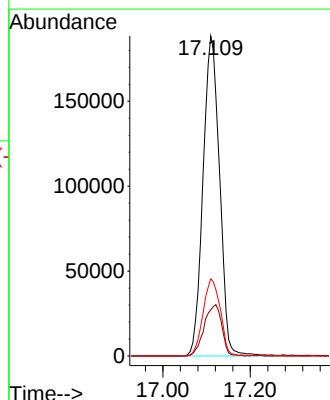
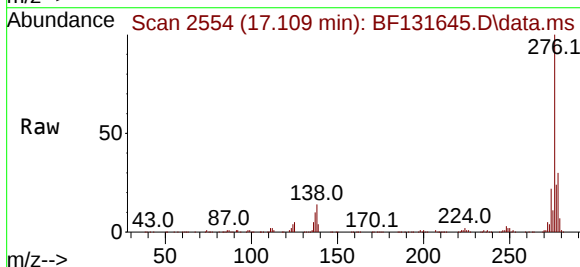
Tgt Ion:276 Resp: 497307

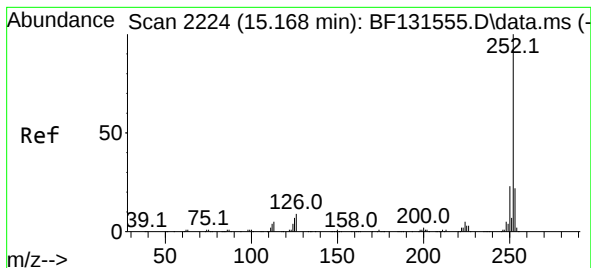
Ion Ratio Lower Upper

276 100

138 17.0 12.7 19.1

277 25.1 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 42.631 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

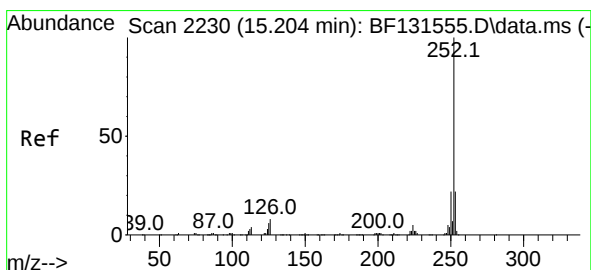
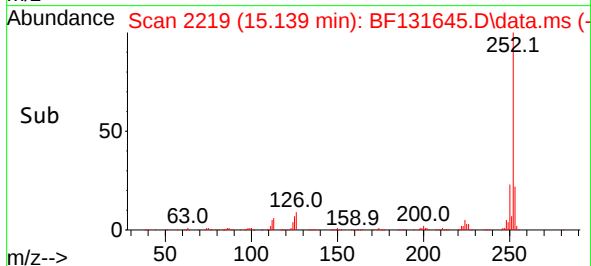
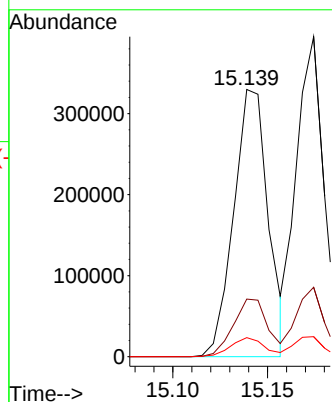
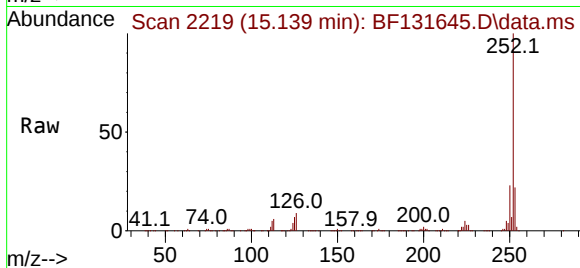
Tgt Ion:252 Resp: 417889

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 7.1 5.6 8.4



#89

Benzo(k)fluoranthene

Concen: 39.302 ng

RT: 15.174 min Scan# 2225

Delta R.T. 0.006 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

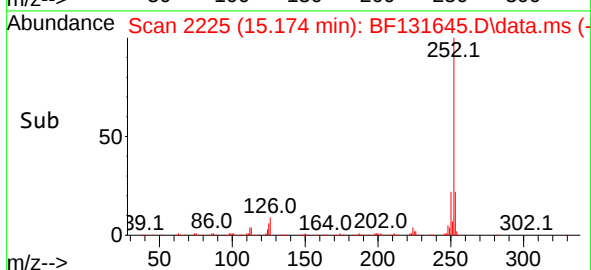
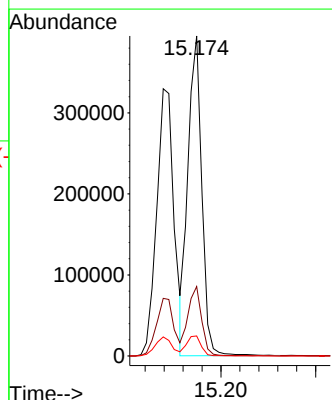
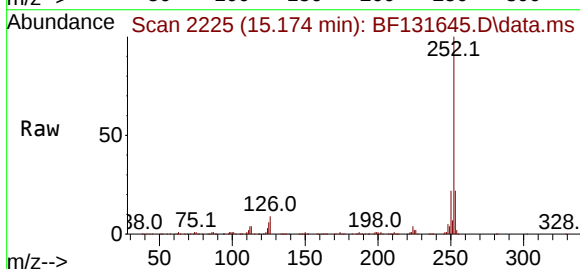
Tgt Ion:252 Resp: 402121

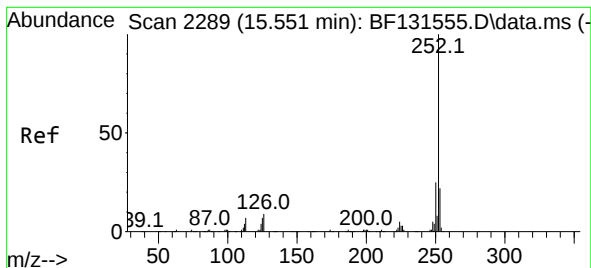
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 6.3 4.9 7.3





#90

Benzo(a)pyrene

Concen: 44.356 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MS

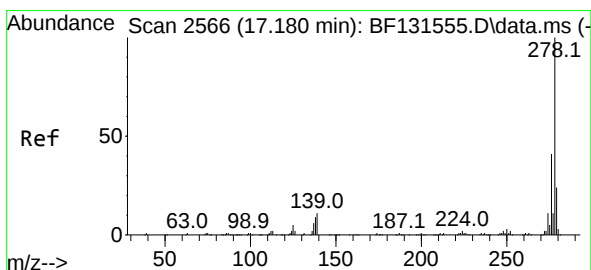
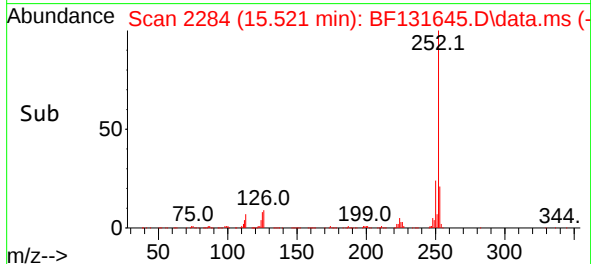
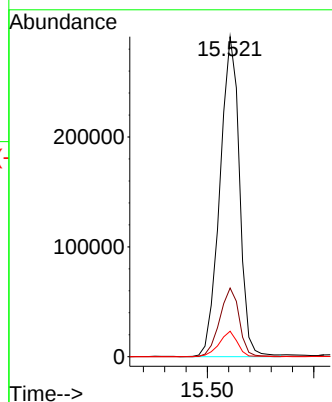
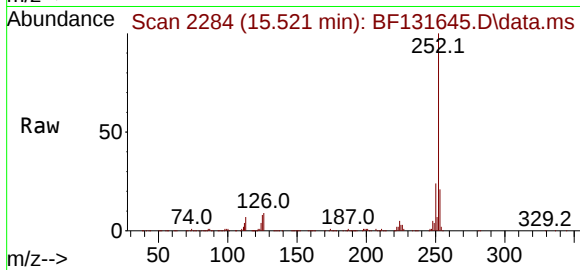
Tgt Ion:252 Resp: 371058

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 7.9 5.6 8.4



#91

Dibenzo(a,h)anthracene

Concen: 41.571 ng

RT: 17.133 min Scan# 2558

Delta R.T. 0.006 min

Lab File: BF131645.D

Acq: 15 Dec 2022 12:57

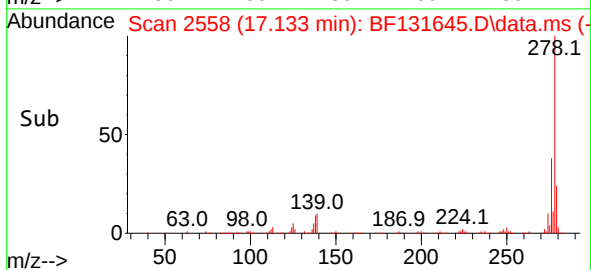
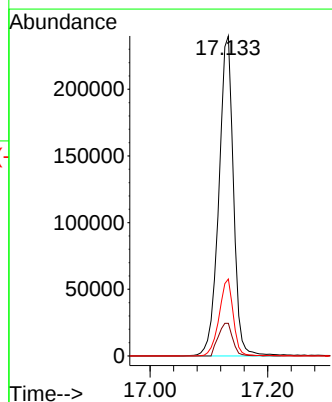
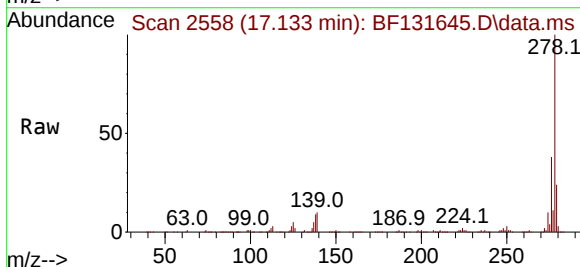
Tgt Ion:278 Resp: 415285

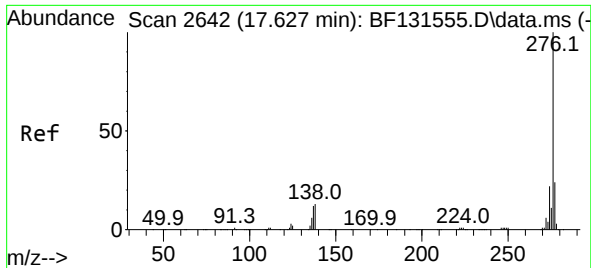
Ion Ratio Lower Upper

278 100

139 10.2 8.9 13.3

279 24.0 19.0 28.6





#92
 Benzo(g,h,i)perylene
 Concen: 40.403 ng
 RT: 17.574 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF131645.D
 Acq: 15 Dec 2022 12:57

Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)MS

Tgt Ion:276 Resp: 405646

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	15.3	10.7	16.1

