

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131646.D
 Acq On : 15 Dec 2022 13:30
 Operator : CG\JU
 Sample : N6038-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 16 01:49:28 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	65629	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	243192	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	140747	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	276302	20.000	ng	0.00
76) Chrysene-d12	14.086	240	147921	20.000	ng	0.00
86) Perylene-d12	15.586	264	135087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	471202	119.779	ng	0.01
7) Phenol-d6	6.516	99	617471	119.778	ng	0.00
23) Nitrobenzene-d5	7.451	82	432499	67.237	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	184812	118.186	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	742835	66.546	ng	0.00
79) Terphenyl-d14	13.022	244	846806	78.509	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	87382	49.211	ng	97
3) Pyridine	3.452	79	237157	48.106	ng	97
4) n-Nitrosodimethylamine	3.434	42	120127	44.183	ng	84
6) Aniline	6.546	93	182998	29.682	ng	99
8) 2-Chlorophenol	6.669	128	210925	50.595	ng	92
9) Benzaldehyde	6.434	77	187817	53.183	ng	98
10) Phenol	6.534	94	300986	52.344	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	222649	51.654	ng	97
12) 1,3-Dichlorobenzene	6.822	146	239027	49.453	ng	98
13) 1,4-Dichlorobenzene	6.898	146	236317	48.472	ng	99
14) 1,2-Dichlorobenzene	7.051	146	229578	49.295	ng	97
15) Benzyl Alcohol	7.028	79	235332	49.794	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	274813	49.357	ng	100
17) 2-Methylphenol	7.140	107	190258	50.638	ng	97
18) Hexachloroethane	7.393	117	97023	49.333	ng	91
19) n-Nitroso-di-n-propyla...	7.298	70	181997	47.082	ng	97
20) 3+4-Methylphenols	7.293	107	244507	47.779	ng	# 78
22) Acetophenone	7.298	105	344481	45.201	ng	# 99
24) Nitrobenzene	7.469	77	283532	43.703	ng	97
25) Isophorone	7.710	82	496547	47.924	ng	100
26) 2-Nitrophenol	7.787	139	113449	51.278	ng	95
27) 2,4-Dimethylphenol	7.822	122	187293	55.231	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	276436	51.575	ng	99
29) 2,4-Dichlorophenol	8.028	162	192427	45.893	ng	95
30) 1,2,4-Trichlorobenzene	8.110	180	229358	44.604	ng	99
31) Naphthalene	8.192	128	607129	44.325	ng	100
32) Benzoic acid	7.957	122	117202	47.723	ng	98
33) 4-Chloroaniline	8.240	127	42742	8.325	ng	98
34) Hexachlorobutadiene	8.304	225	152220	42.004	ng	98
35) Caprolactam	8.622	113	30615	28.226	ng	93
36) 4-Chloro-3-methylphenol	8.734	107	221820	47.112	ng	99
37) 2-Methylnaphthalene	8.887	142	417608	44.581	ng	100
38) 1-Methylnaphthalene	8.987	142	386613	42.993	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	241632	46.377	ng	98
41) Hexachlorocyclopentadiene	9.039	237	300545	113.648	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	146137	45.347	ng	99

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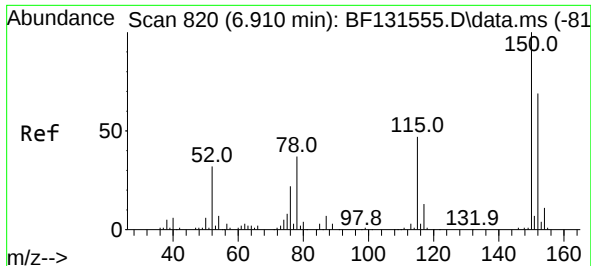
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	158308	45.678	ng	96
46) 1,1'-Biphenyl	9.357	154	525913	47.259	ng	98
47) 2-Chloronaphthalene	9.381	162	418341	46.141	ng	99
48) 2-Nitroaniline	9.481	65	147493	45.923	ng	94
49) Acenaphthylene	9.798	152	630901	47.391	ng	99
50) Dimethylphthalate	9.663	163	496989	46.320	ng	100
51) 2,6-Dinitrotoluene	9.728	165	108827	49.131	ng	# 73
52) Acenaphthene	9.969	154	373378	41.867	ng	99
53) 3-Nitroaniline	9.892	138	39380	18.530	ng	100
54) 2,4-Dinitrophenol	10.004	184	123405	96.436	ng	99
55) Dibenzofuran	10.145	168	575543	45.674	ng	99
56) 4-Nitrophenol	10.069	139	153117	103.711	ng	# 78
57) 2,4-Dinitrotoluene	10.134	165	147221	50.104	ng	96
58) Fluorene	10.492	166	458348	44.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	129316	44.063	ng	98
60) Diethylphthalate	10.363	149	474595	46.094	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	255888	45.201	ng	98
62) 4-Nitroaniline	10.522	138	98571	46.805	ng	90
63) Azobenzene	10.639	77	565446	48.150	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	83456	47.689	ng	93
66) n-Nitrosodiphenylamine	10.604	169	389055	43.554	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	152362	42.865	ng	97
68) Hexachlorobenzene	11.033	284	165726	43.105	ng	# 89
69) Atrazine	11.133	200	146128	51.515	ng	97
70) Pentachlorophenol	11.233	266	180465	91.177	ng	98
71) Phenanthrene	11.457	178	675318	43.850	ng	100
72) Anthracene	11.510	178	688532	45.953	ng	100
73) Carbazole	11.669	167	581622	47.556	ng	99
74) Di-n-butylphthalate	11.992	149	719217	47.934	ng	100
75) Fluoranthene	12.651	202	720729	45.447	ng	99
77) Benzidine	12.775	184	269387	67.969	ng	99
78) Pyrene	12.880	202	723718	49.618	ng	99
80) Butylbenzylphthalate	13.498	149	263742	62.483	ng	98
81) Benzo(a)anthracene	14.074	228	498333	46.650	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	54928	18.073	ng	99
83) Chrysene	14.110	228	474399	46.713	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	340273	58.468	ng	99
85) Di-n-octyl phthalate	14.674	149	449649	47.751	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	505274	45.832	ng	99
88) Benzo(b)fluoranthene	15.145	252	411175	46.182	ng	100
89) Benzo(k)fluoranthene	15.174	252	414111	44.562	ng	99
90) Benzo(a)pyrene	15.521	252	375739	49.451	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	420996	46.399	ng	99
92) Benzo(g,h,i)perylene	17.580	276	407235	44.658	ng	100

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

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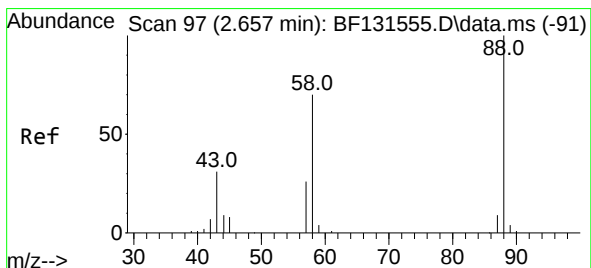
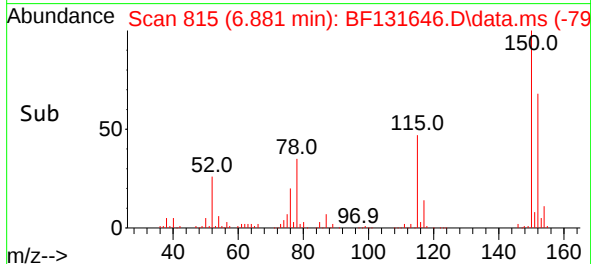
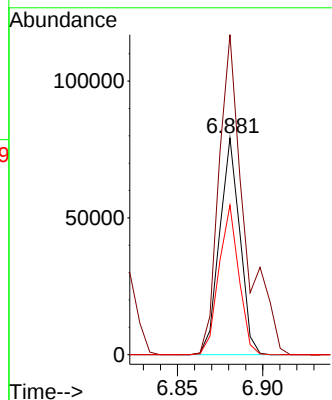
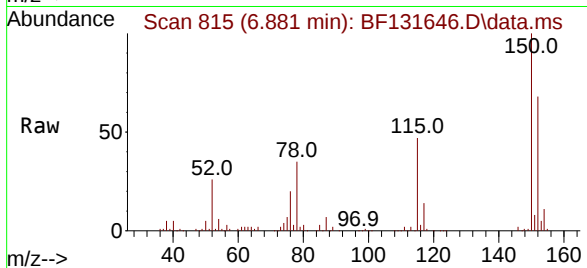




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131646.D
 Acq: 15 Dec 2022 13:30

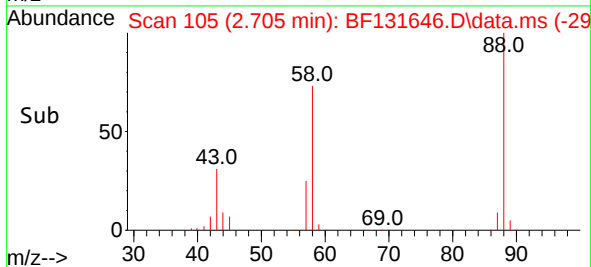
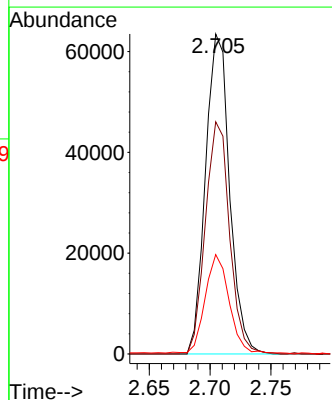
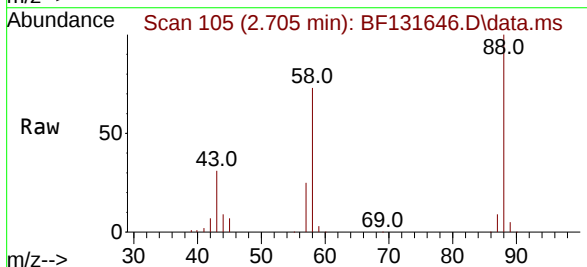
Instrument :
 BNA_F
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 RB-29-(8-10)MSD

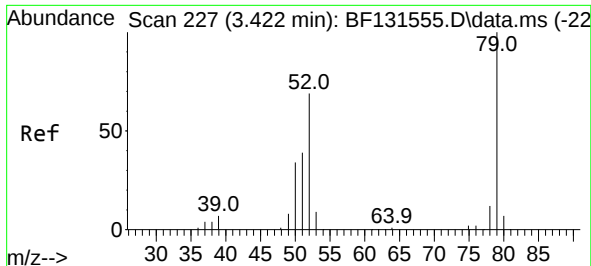
Tgt Ion:152 Resp: 65629
 Ion Ratio Lower Upper
 152 100
 150 147.6 116.7 175.1
 115 68.9 54.6 82.0



#2
 1,4-Dioxane
 Concen: 49.211 ng
 RT: 2.705 min Scan# 105
 Delta R.T. 0.094 min
 Lab File: BF131646.D
 Acq: 15 Dec 2022 13:30

Tgt Ion: 88 Resp: 87382
 Ion Ratio Lower Upper
 88 100
 58 72.8 60.0 90.0
 43 31.5 26.7 40.1





#3

Pyridine

Concen: 48.106 ng

RT: 3.452 min Scan# 21

Delta R.T. 0.083 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

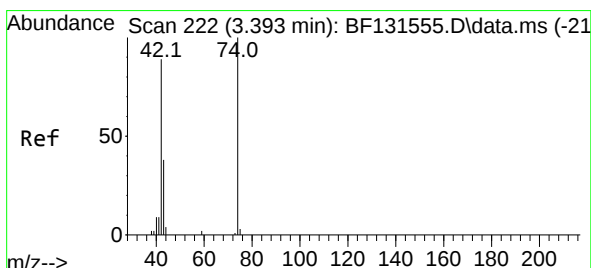
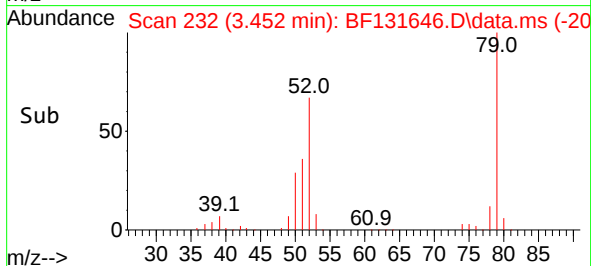
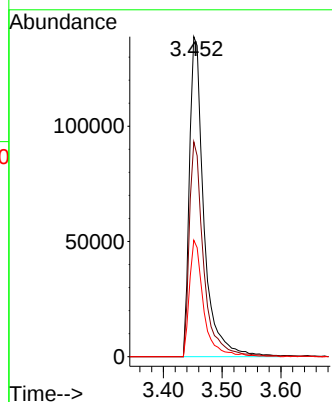
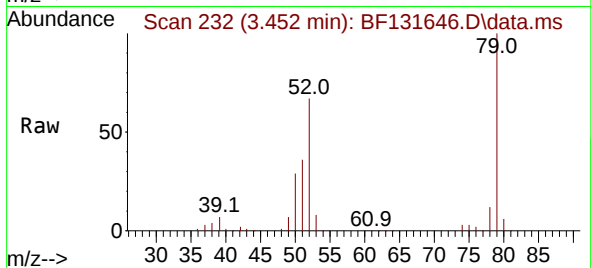
Tgt Ion: 79 Resp: 237157

Ion Ratio Lower Upper

79 100

52 67.1 55.0 82.6

51 36.4 31.4 47.2



#4

n-Nitrosodimethylamine

Concen: 44.183 ng

RT: 3.434 min Scan# 229

Delta R.T. 0.094 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

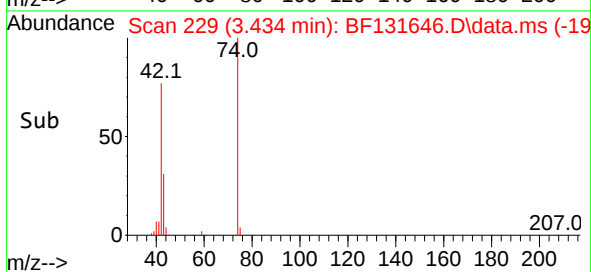
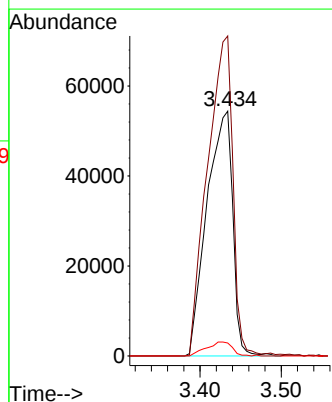
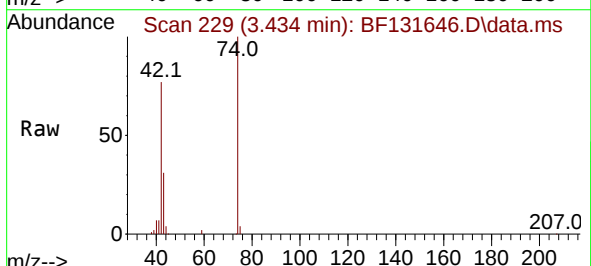
Tgt Ion: 42 Resp: 120127

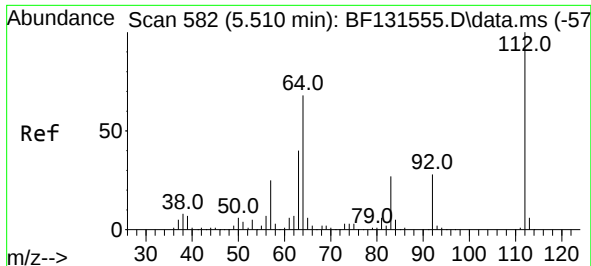
Ion Ratio Lower Upper

42 100

74 130.7 90.2 135.2

44 5.3 3.7 5.5

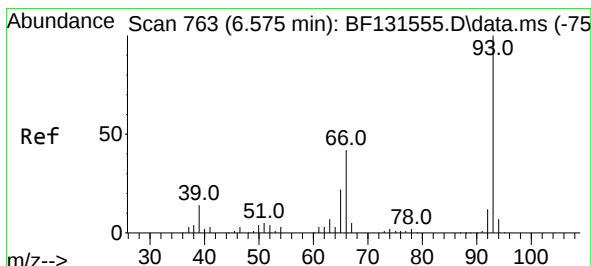
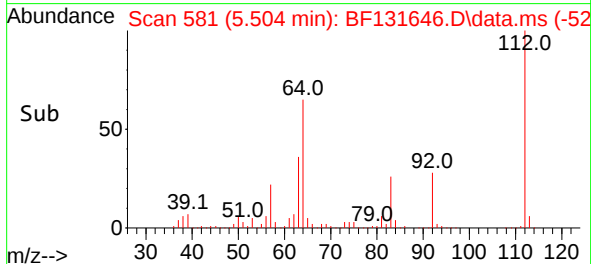
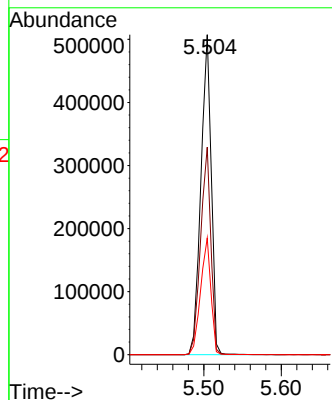
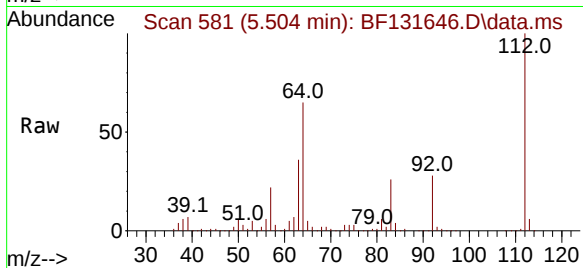




#5
2-Fluorophenol
Concen: 119.779 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

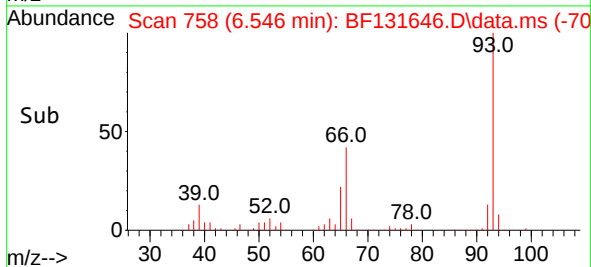
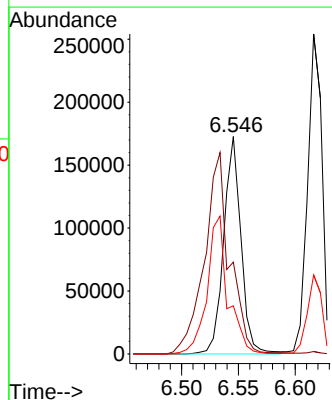
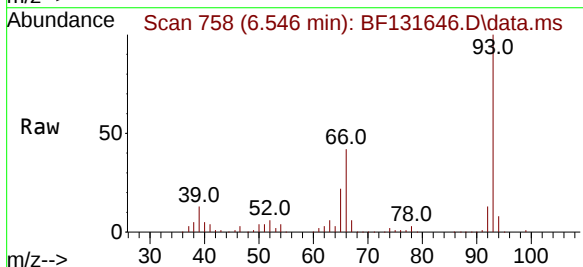
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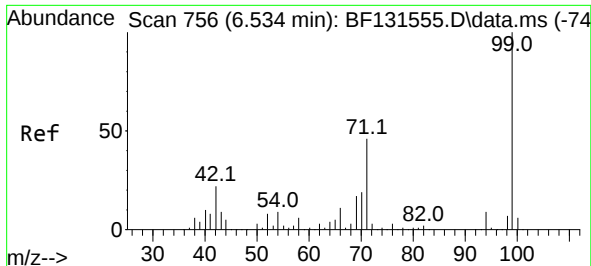
Tgt Ion:112 Resp: 471202
Ion Ratio Lower Upper
112 100
64 64.8 54.5 81.7
63 36.4 31.9 47.9



#6
Aniline
Concen: 29.682 ng
RT: 6.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion: 93 Resp: 182998
Ion Ratio Lower Upper
93 100
66 42.3 34.6 51.8
65 22.1 17.7 26.5

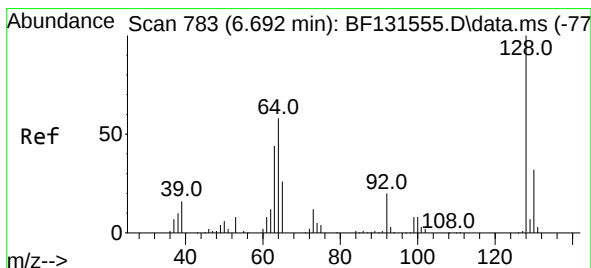
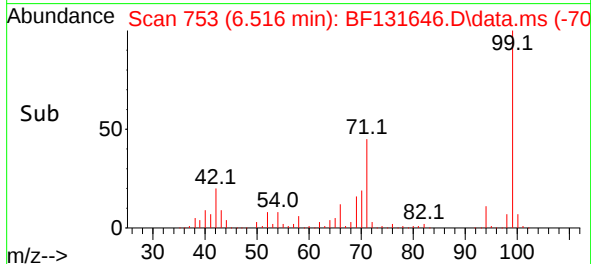
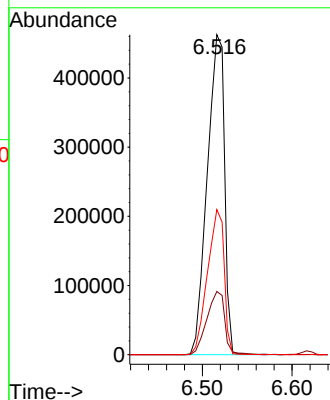
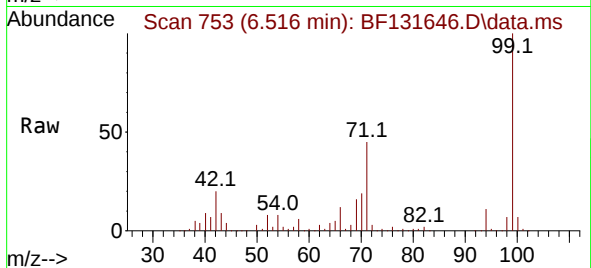




#7
Phenol-d6
Concen: 119.778 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

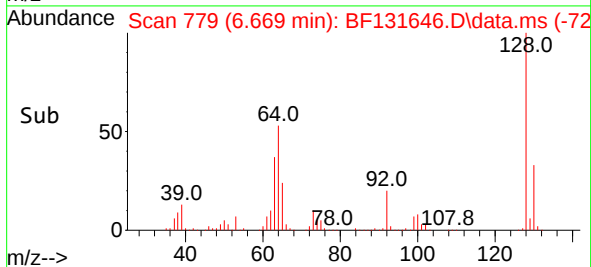
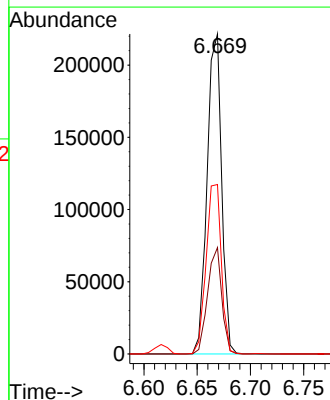
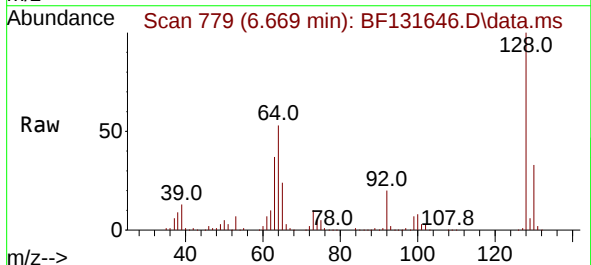
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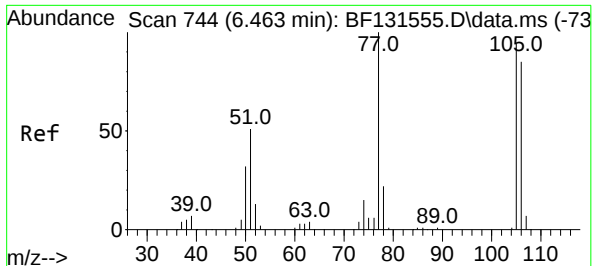
Tgt Ion: 99 Resp: 617471
Ion Ratio Lower Upper
99 100
42 19.8 17.9 26.9
71 45.4 37.2 55.8



#8
2-Chlorophenol
Concen: 50.595 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:128 Resp: 210925
Ion Ratio Lower Upper
128 100
130 33.3 11.6 51.6
64 53.0 40.6 80.6

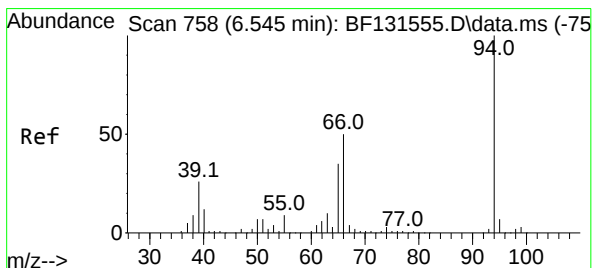
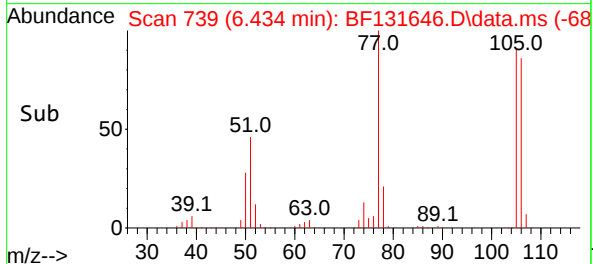
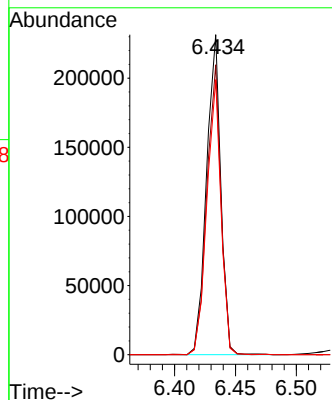
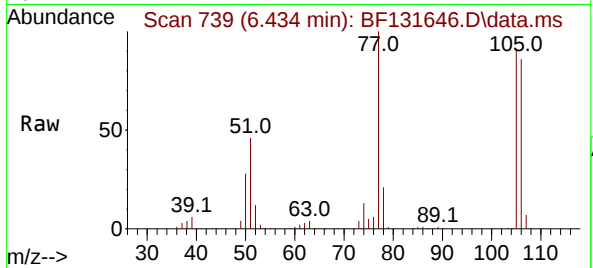




#9
Benzaldehyde
Concen: 53.183 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

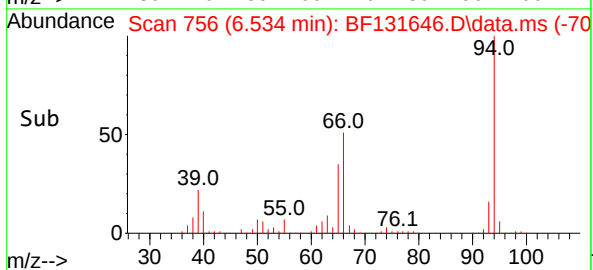
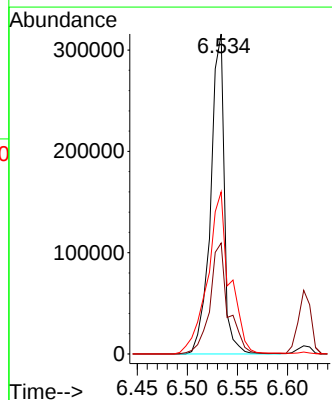
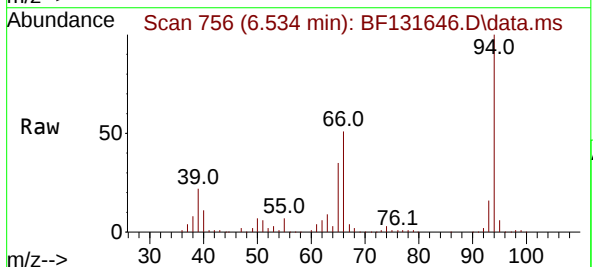
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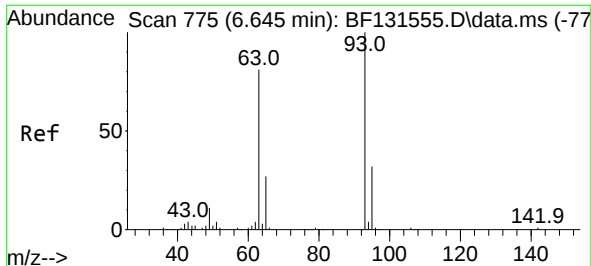
Tgt Ion: 77 Resp: 187817
Ion Ratio Lower Upper
77 100
105 90.6 73.8 113.8
106 85.9 65.2 105.2



#10
Phenol
Concen: 52.344 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion: 94 Resp: 300986
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 50.6 30.8 70.8





#11

bis(2-Chloroethyl)ether

Concen: 51.654 ng

RT: 6.616 min Scan# 775

Delta R.T. -0.006 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

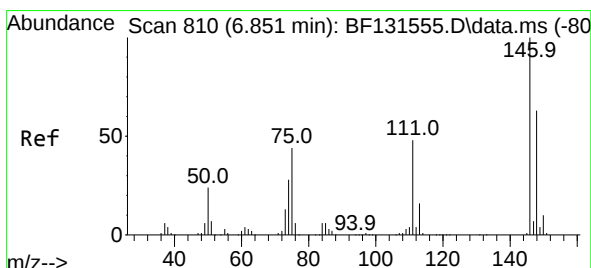
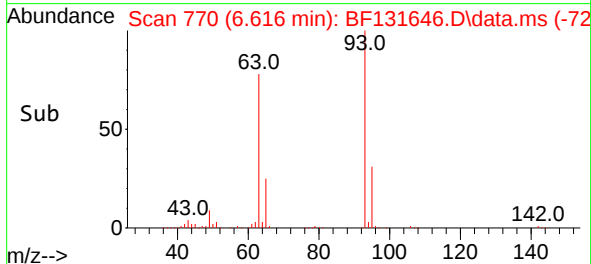
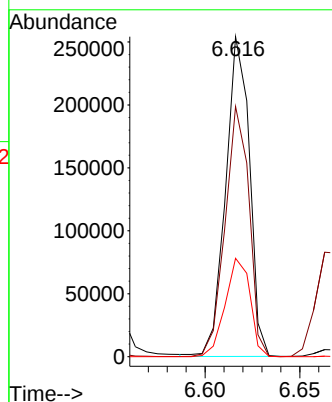
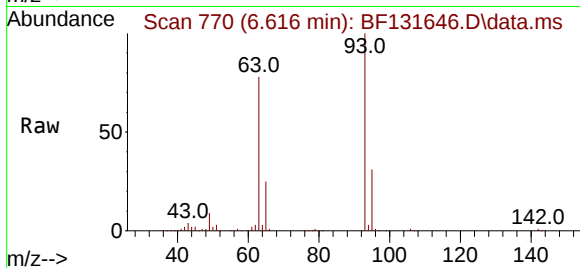
Tgt Ion: 93 Resp: 222649

Ion Ratio Lower Upper

93 100

63 78.2 60.4 100.4

95 30.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 49.453 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

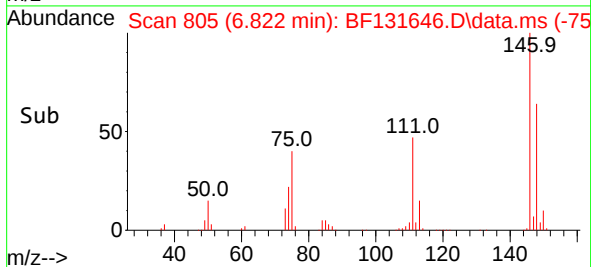
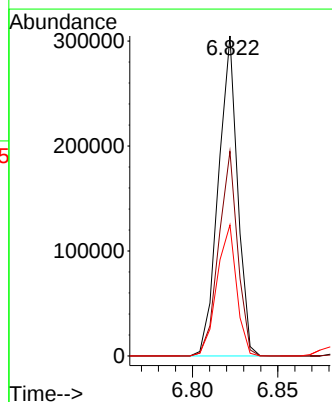
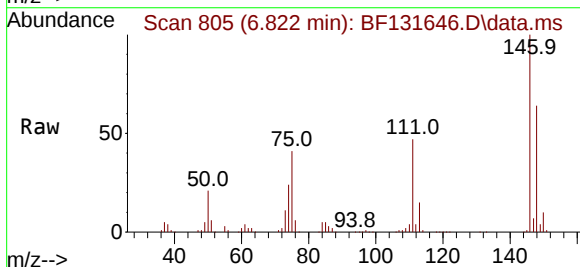
Tgt Ion: 146 Resp: 239027

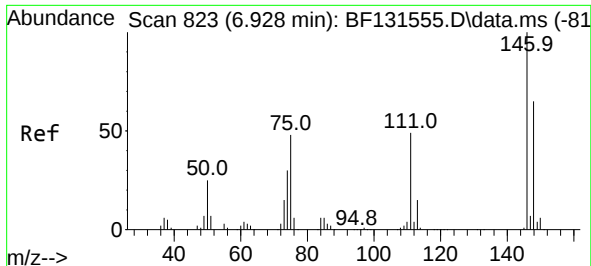
Ion Ratio Lower Upper

146 100

148 64.0 50.7 76.1

75 40.9 35.1 52.7





#13

1,4-Dichlorobenzene

Concen: 48.472 ng

RT: 6.898 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

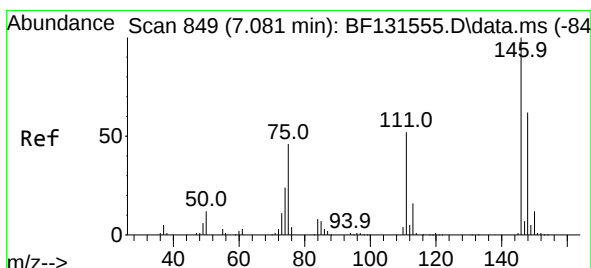
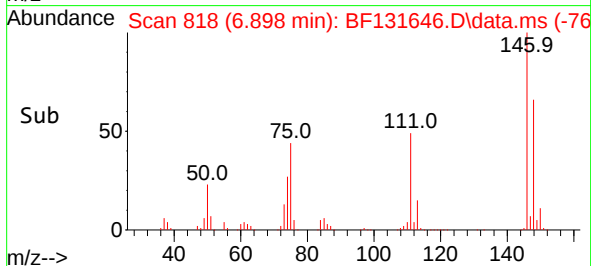
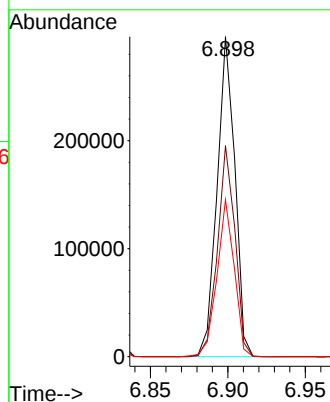
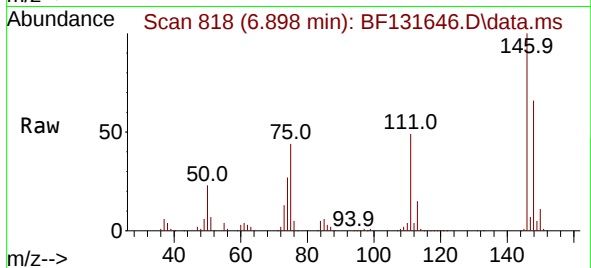
Tgt Ion:146 Resp: 236317

Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.6

111 49.1 38.9 58.3



#14

1,2-Dichlorobenzene

Concen: 49.295 ng

RT: 7.051 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

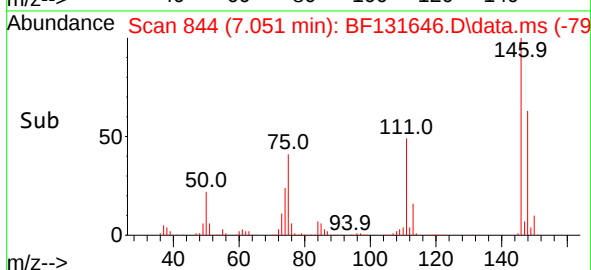
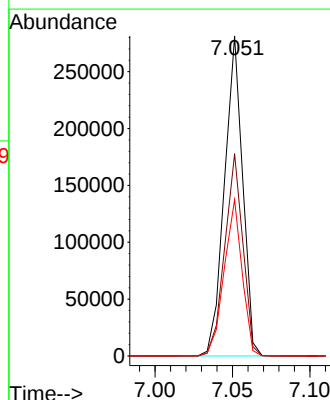
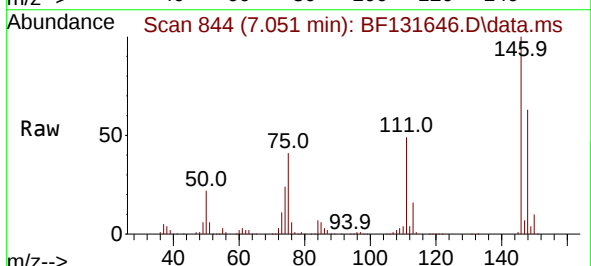
Tgt Ion:146 Resp: 229578

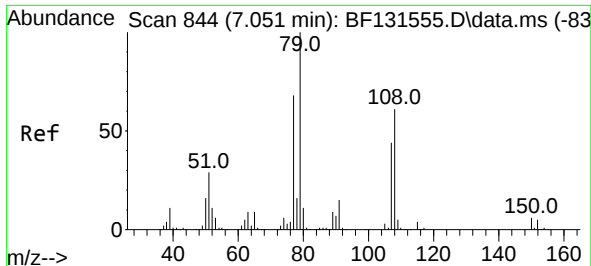
Ion Ratio Lower Upper

146 100

148 63.2 49.9 74.9

111 48.8 41.8 62.6

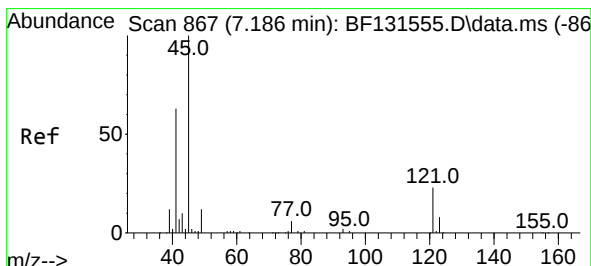
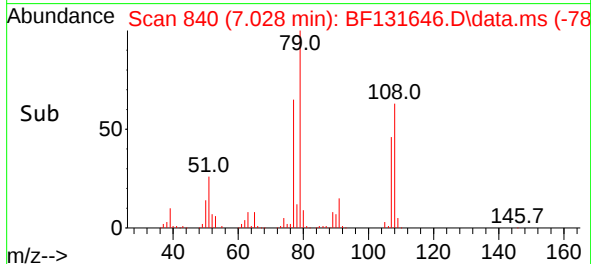
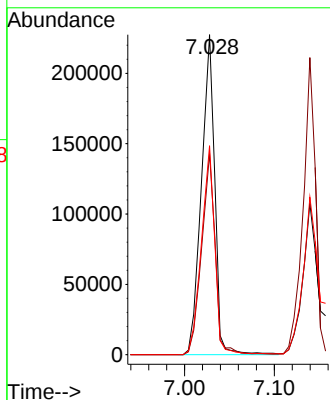
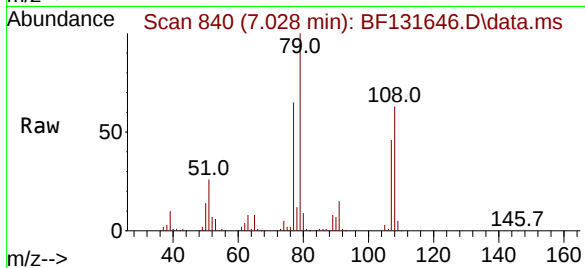




#15
Benzyl Alcohol
Concen: 49.794 ng
RT: 7.028 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

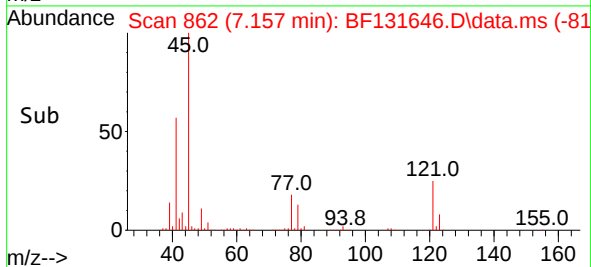
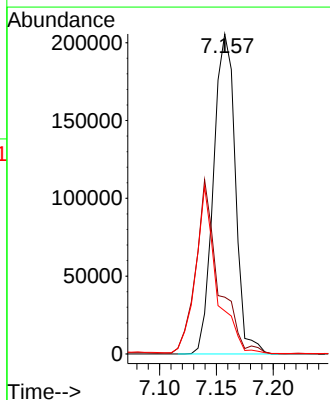
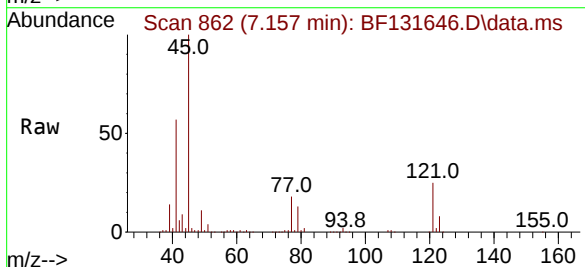
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

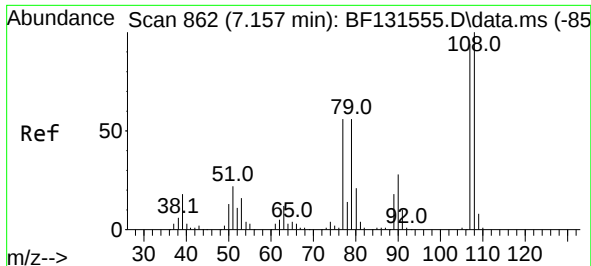
Tgt Ion: 79 Resp: 235332
Ion Ratio Lower Upper
79 100
108 62.9 49.2 73.8
77 65.3 54.5 81.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.357 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion: 45 Resp: 274813
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 13.4 0.0 33.6

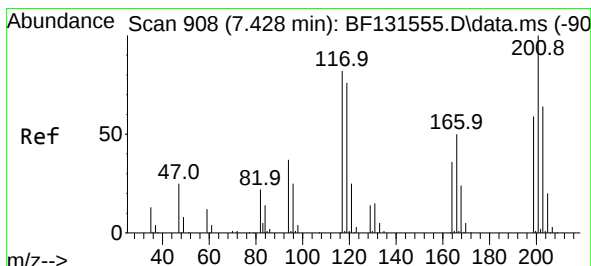
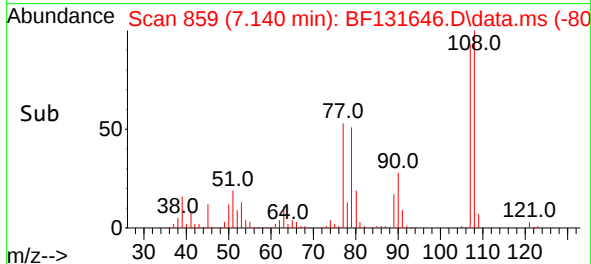
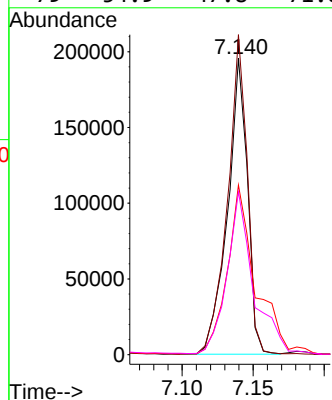
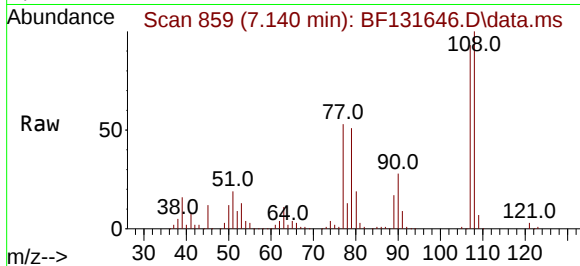




#17
2-Methylphenol
Concen: 50.638 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

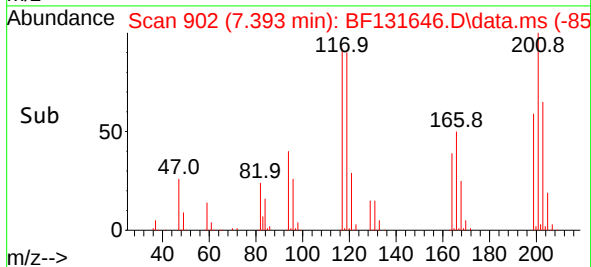
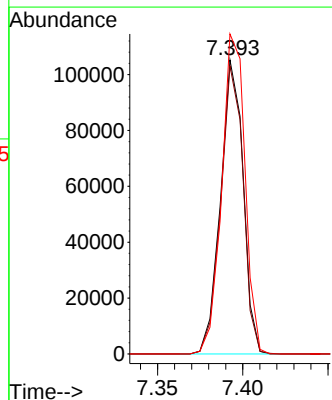
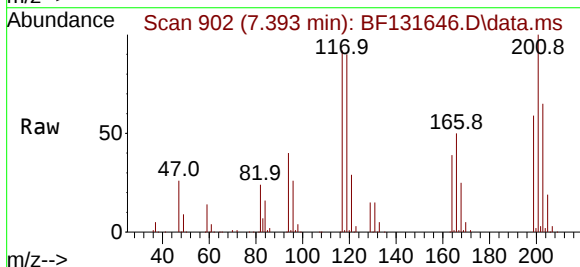
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

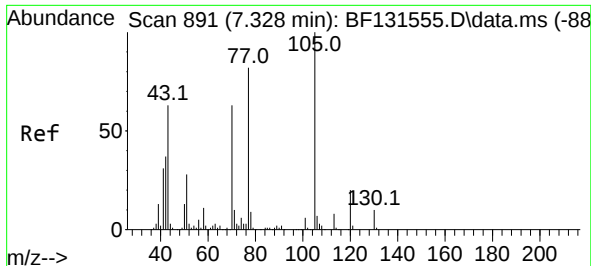
Tgt Ion:107 Resp: 190258
Ion Ratio Lower Upper
107 100
108 107.9 85.5 128.3
77 57.2 48.2 72.4
79 54.9 47.8 71.8



#18
Hexachloroethane
Concen: 49.333 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:117 Resp: 97023
Ion Ratio Lower Upper
117 100
119 98.0 75.0 112.4
201 108.8 98.0 147.0



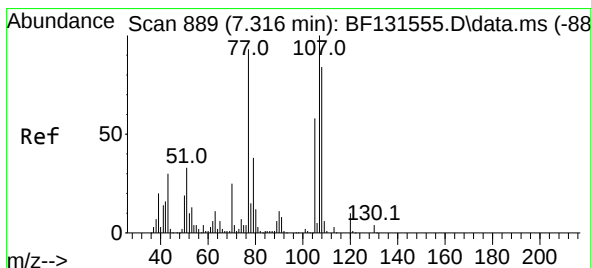
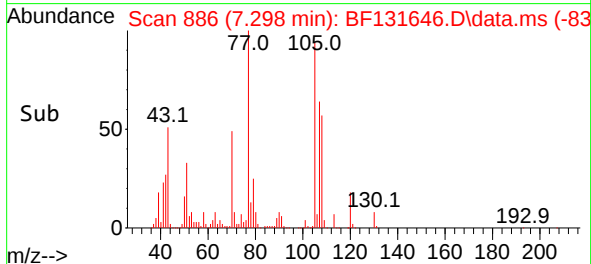
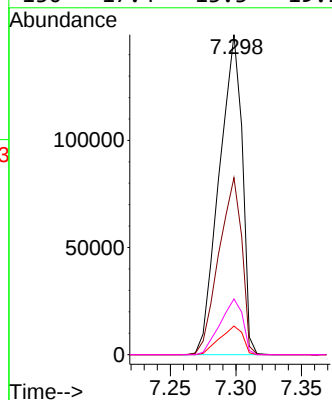
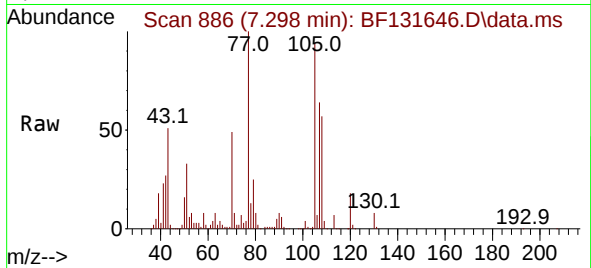


#19
n-Nitroso-di-n-propylamine
Concen: 47.082 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

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

Tgt Ion: 70 Resp: 181997

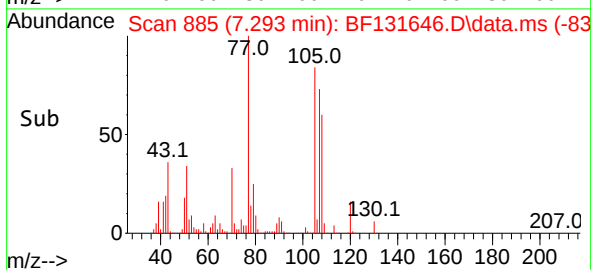
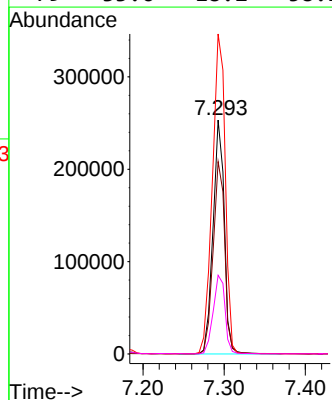
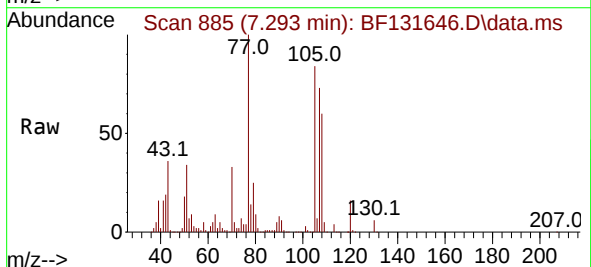
Ion	Ratio	Lower	Upper
70	100		
42	55.3	46.4	69.6
101	8.9	7.2	10.8
130	17.4	13.3	19.9

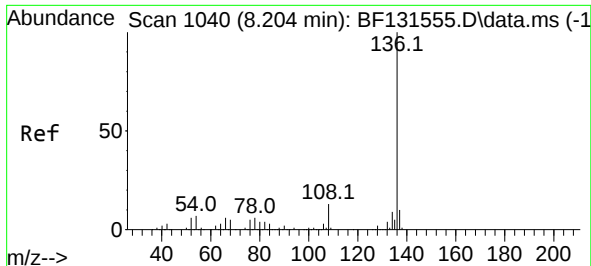


#20
3+4-Methylphenols
Concen: 47.779 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion: 107 Resp: 244507

Ion	Ratio	Lower	Upper
107	100		
108	82.2	64.0	104.0
77	136.8	73.1	113.1#
79	33.6	18.2	58.2

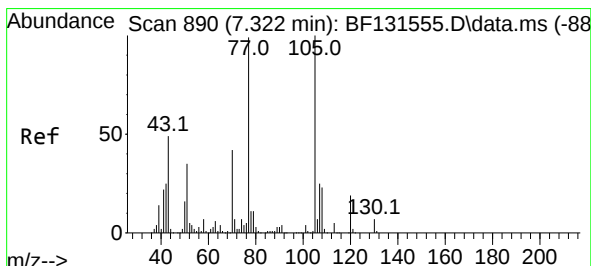
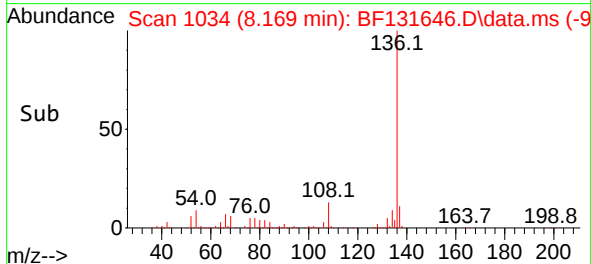
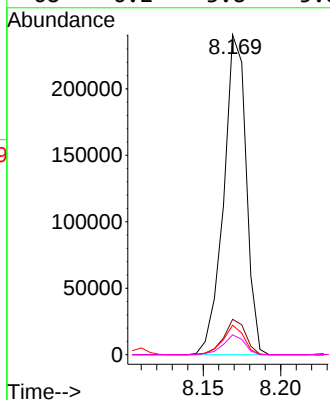
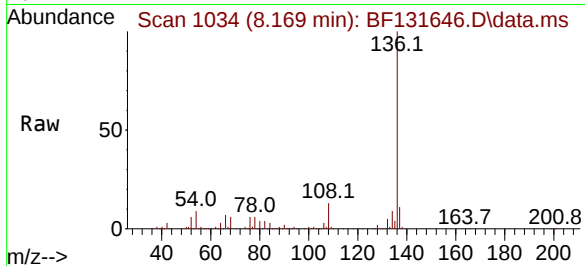




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

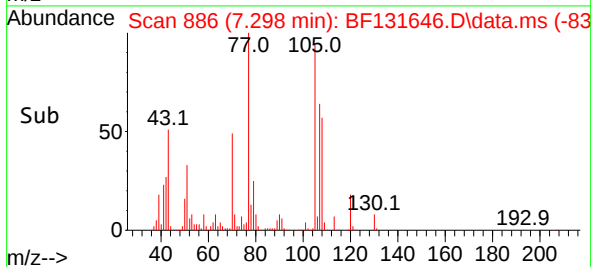
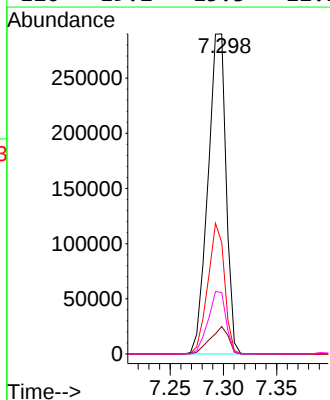
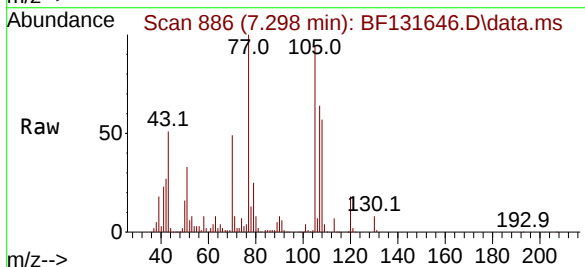
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

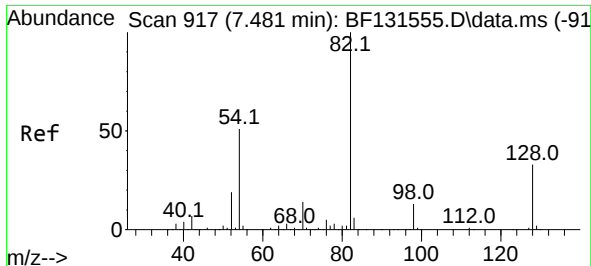
Tgt Ion:136 Resp: 243192
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.2 6.0 9.0#
68 6.2 3.8 5.8#



#22
Acetophenone
Concen: 45.201 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:105 Resp: 344481
Ion Ratio Lower Upper
105 100
71 8.6 5.4 8.0#
51 34.9 27.8 41.6
120 19.2 15.3 22.9

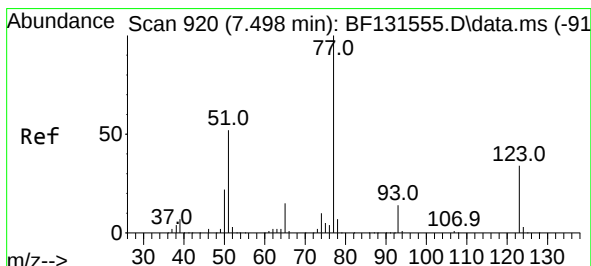
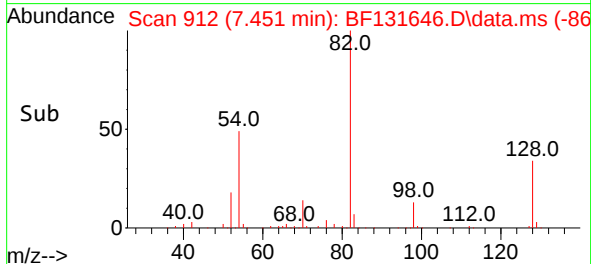
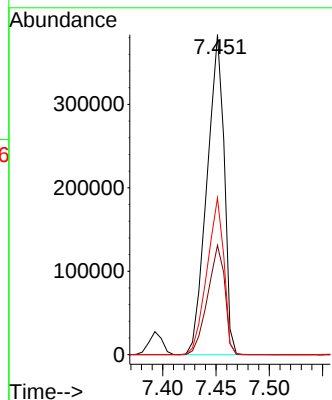
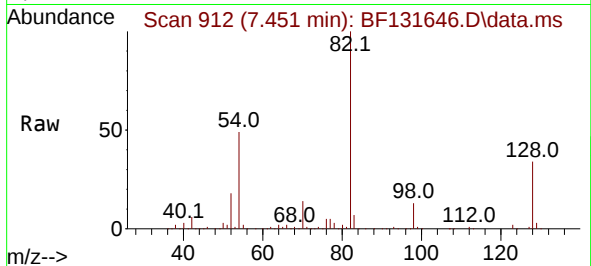




#23
Nitrobenzene-d5
Concen: 67.237 ng
RT: 7.451 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

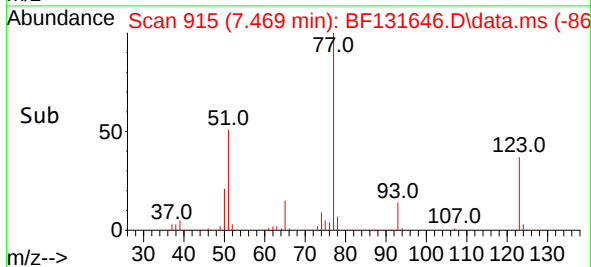
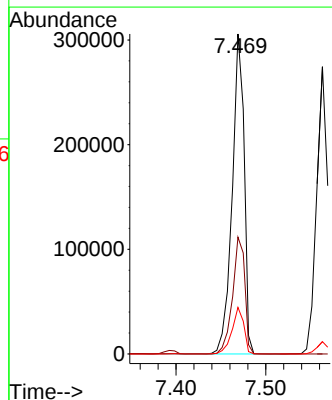
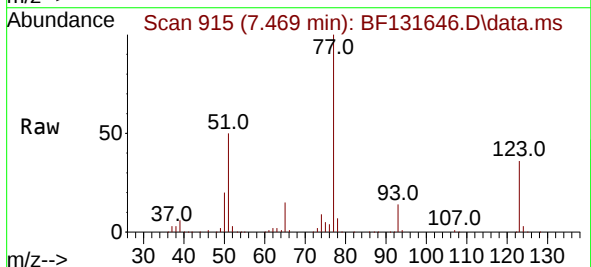
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

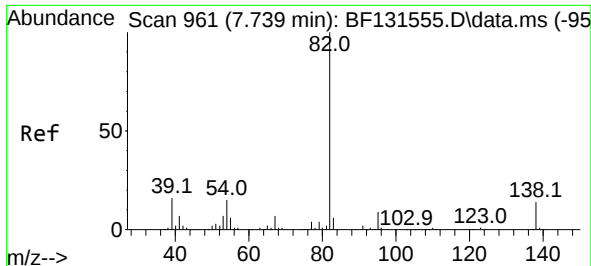
Tgt Ion: 82 Resp: 432499
Ion Ratio Lower Upper
82 100
128 34.2 26.1 39.1
54 49.0 40.6 60.8



#24
Nitrobenzene
Concen: 43.703 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion: 77 Resp: 283532
Ion Ratio Lower Upper
77 100
123 36.5 27.1 40.7
65 14.6 11.9 17.9

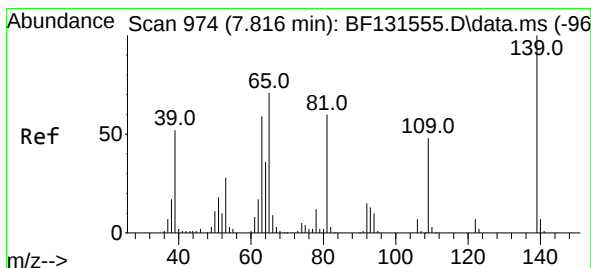
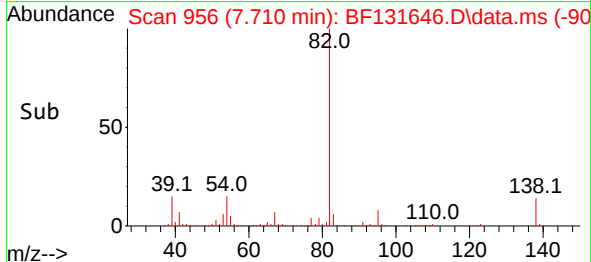
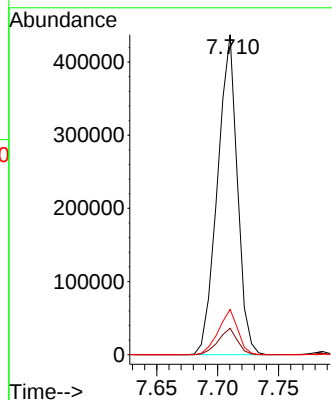
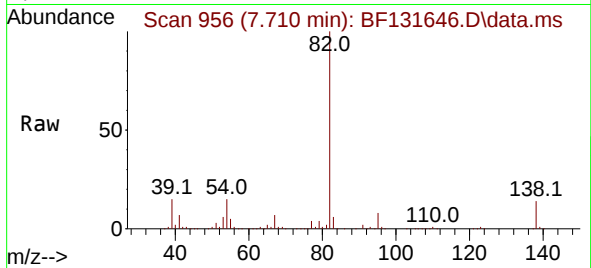




#25
Isophorone
Concen: 47.924 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

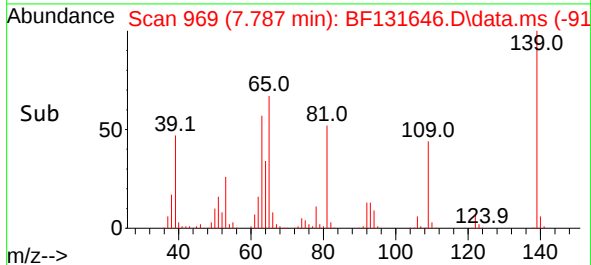
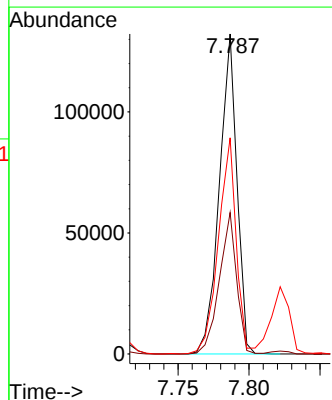
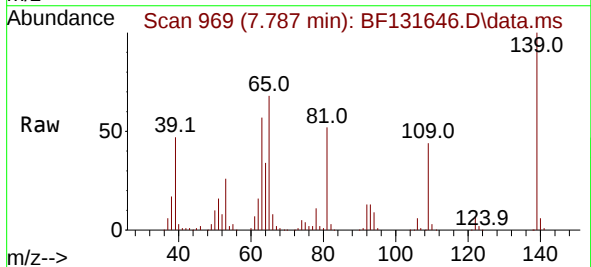
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

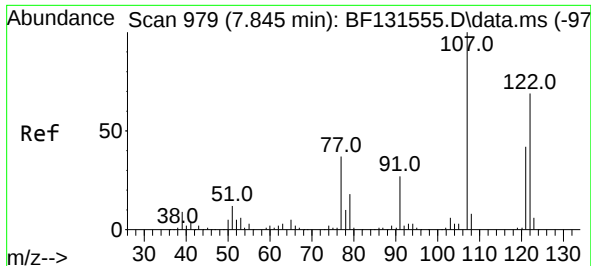
Tgt Ion: 82 Resp: 496547
Ion Ratio Lower Upper
82 100
95 8.3 6.9 10.3
138 14.2 11.4 17.0



#26
2-Nitrophenol
Concen: 51.278 ng
RT: 7.787 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:139 Resp: 113449
Ion Ratio Lower Upper
139 100
109 44.2 38.6 58.0
65 67.5 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 55.231 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

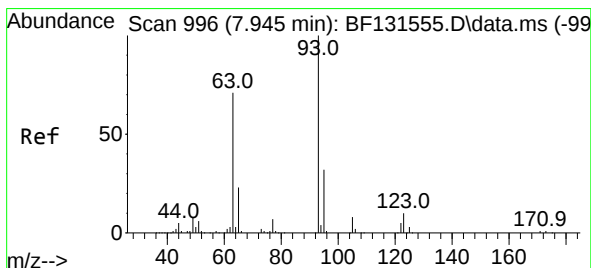
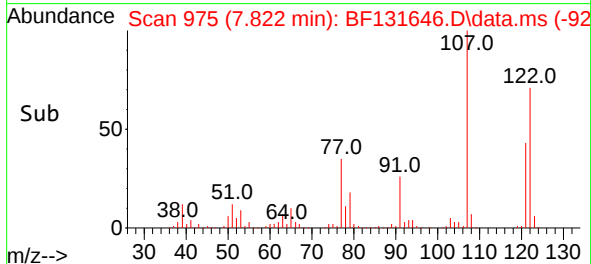
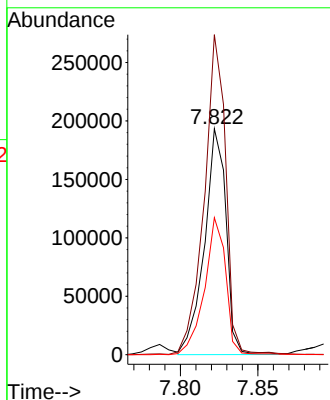
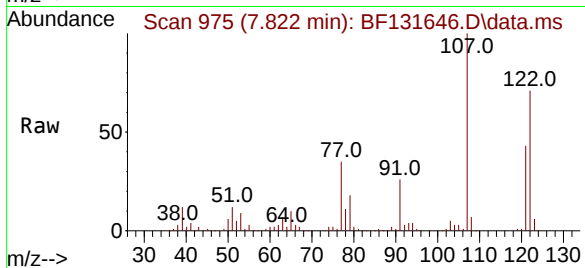
Tgt Ion:122 Resp: 187293

Ion Ratio Lower Upper

122 100

107 141.6 114.2 171.2

121 60.6 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 51.575 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

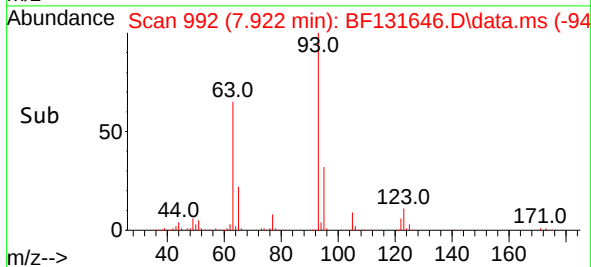
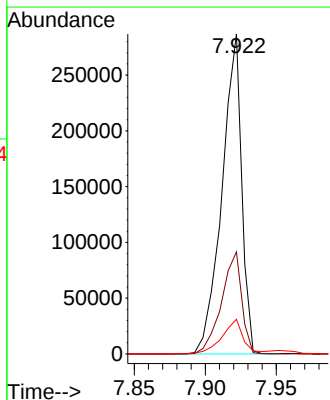
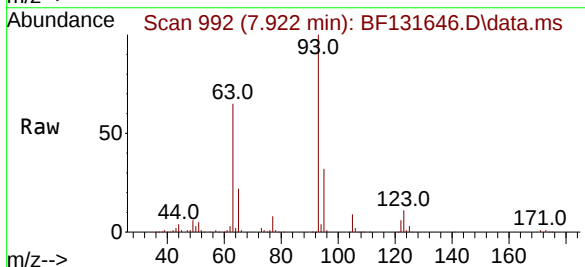
Tgt Ion: 93 Resp: 276436

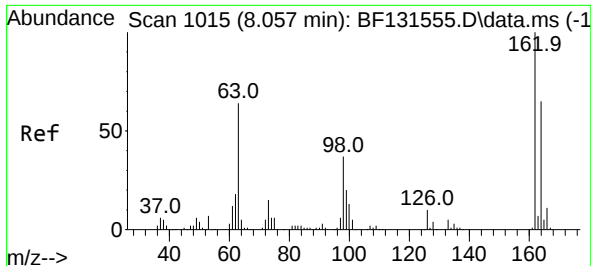
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.6

123 10.8 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 45.893 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

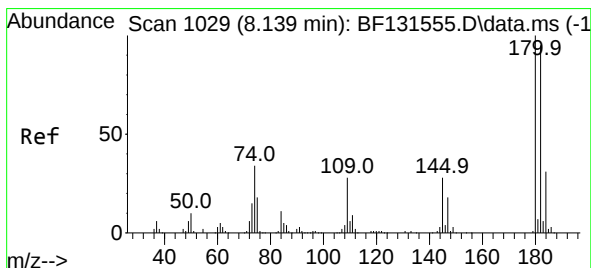
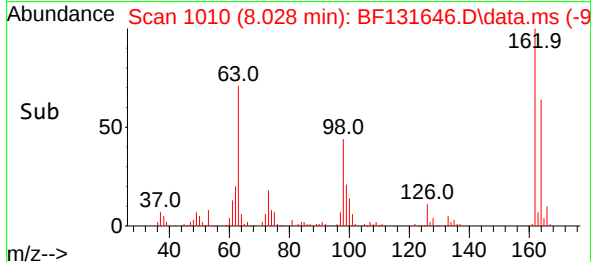
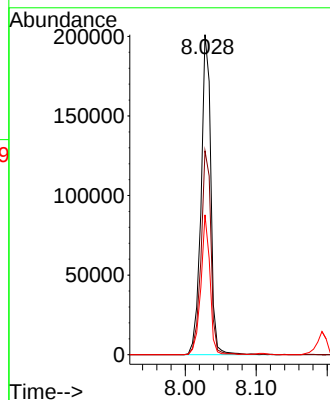
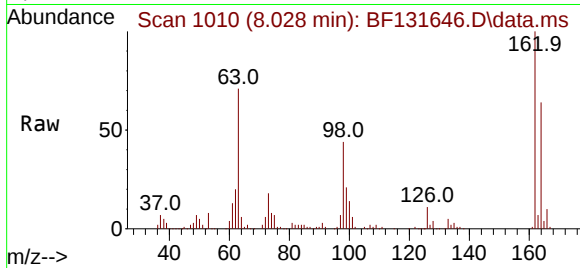
Tgt Ion:162 Resp: 192427

Ion Ratio Lower Upper

162 100

164 63.7 45.0 85.0

98 43.7 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.604 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

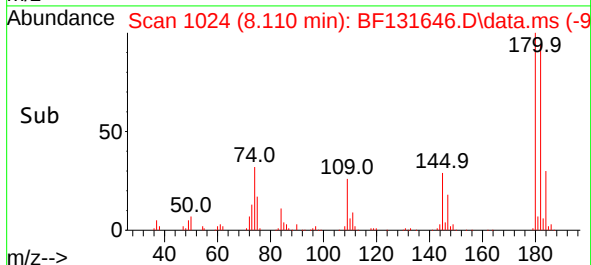
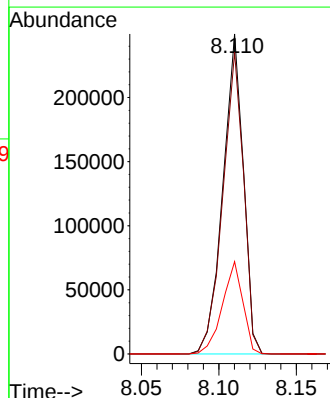
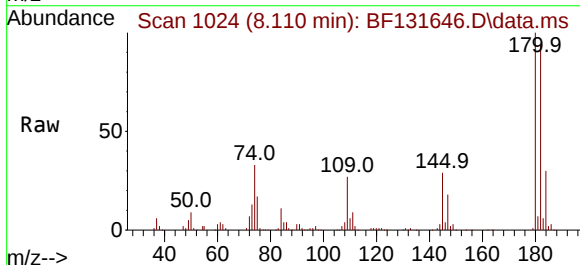
Tgt Ion:180 Resp: 229358

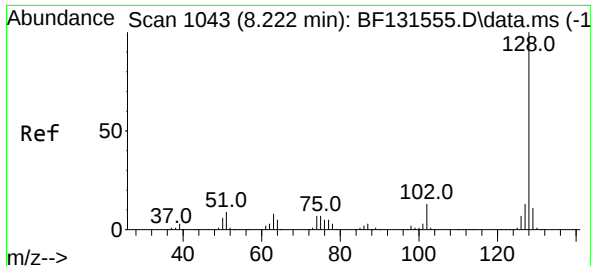
Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

145 28.9 22.4 33.6

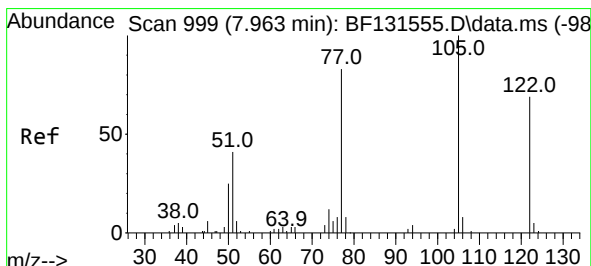
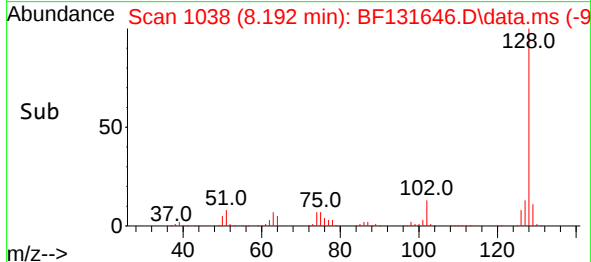
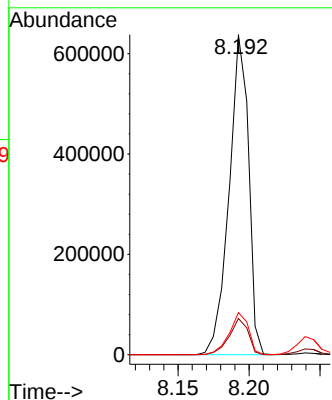
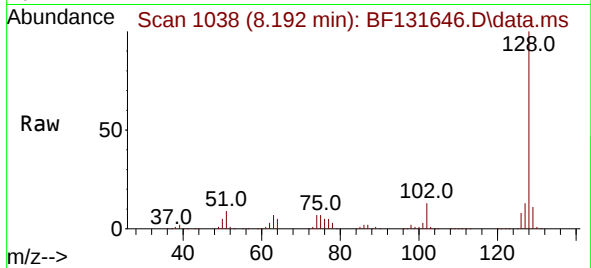




#31
Naphthalene
Concen: 44.325 ng
RT: 8.192 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

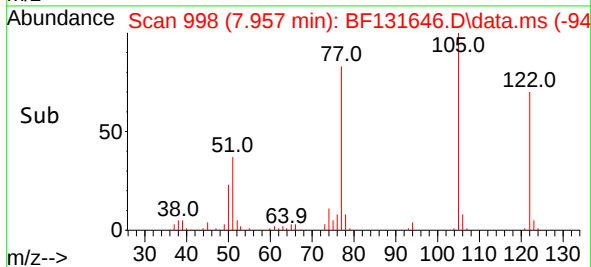
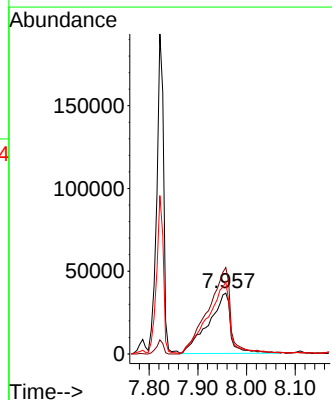
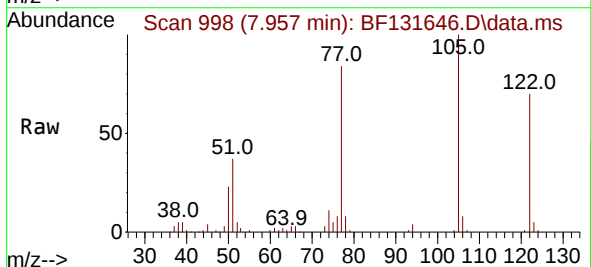
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

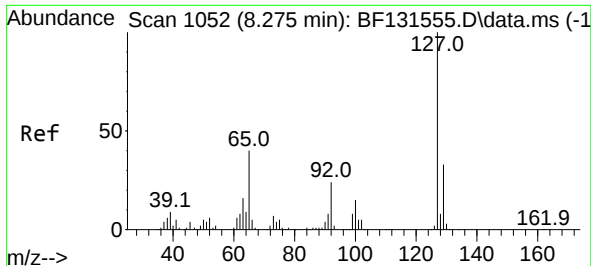
Tgt Ion:128 Resp: 607129
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 47.723 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:122 Resp: 117202
Ion Ratio Lower Upper
122 100
105 142.3 119.8 159.8
77 119.1 97.6 137.6

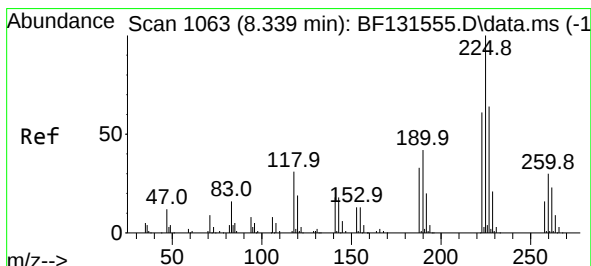
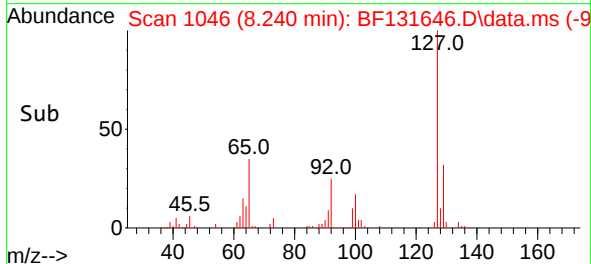
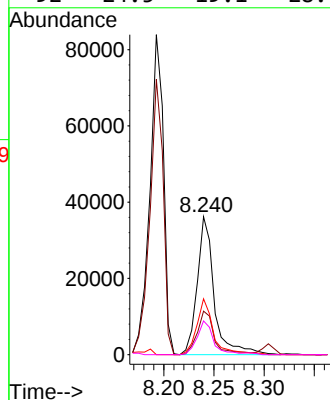
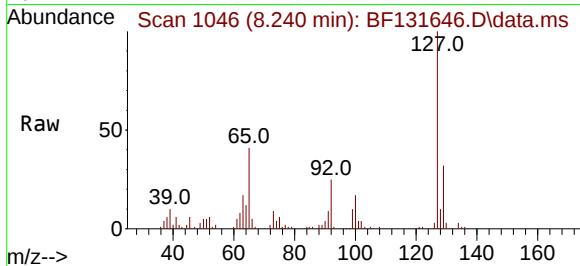




#33
4-Chloroaniline
Concen: 8.325 ng
RT: 8.240 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

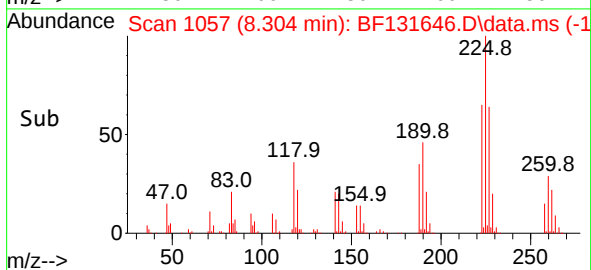
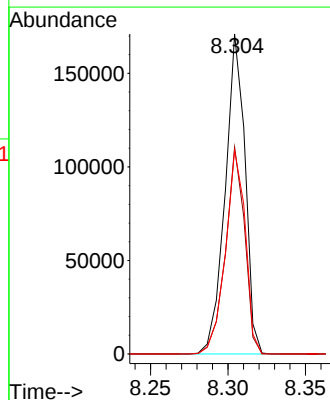
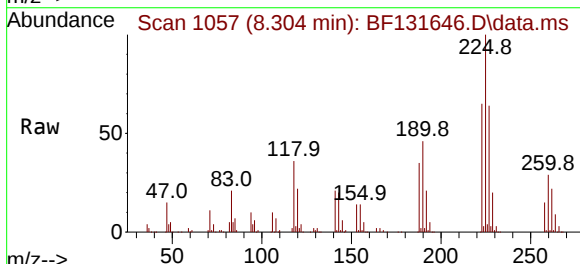
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

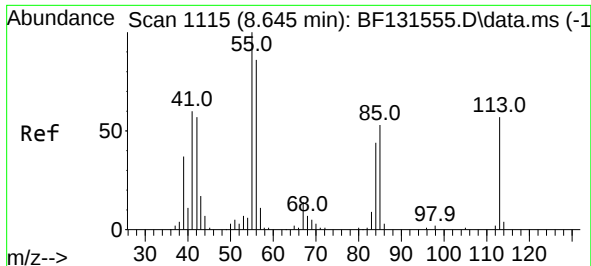
Tgt Ion:	127	Resp:	42742
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	40.5	31.9	47.9
92	24.5	19.1	28.7



#34
Hexachlorobutadiene
Concen: 42.004 ng
RT: 8.304 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:	225	Resp:	152220
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.7	73.1
227	63.7	51.0	76.6

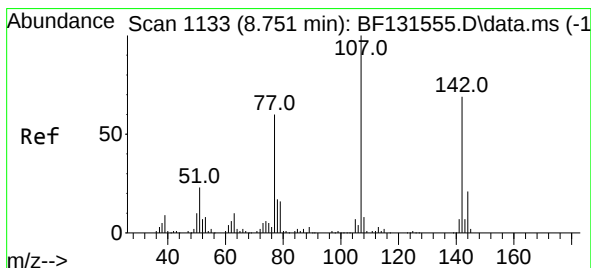
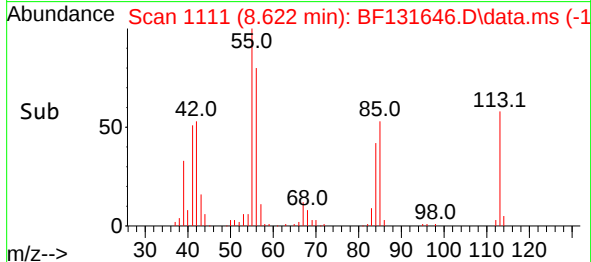
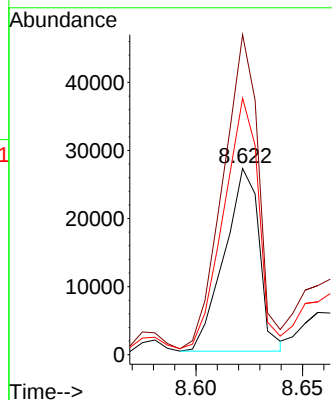
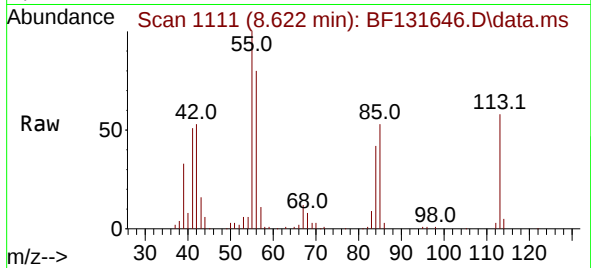




#35
 Caprolactam
 Concen: 28.226 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. -0.006 min
 Lab File: BF131646.D
 Acq: 15 Dec 2022 13:30

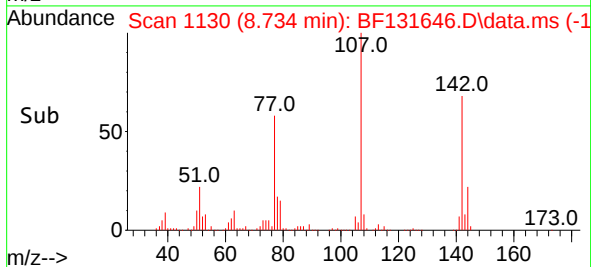
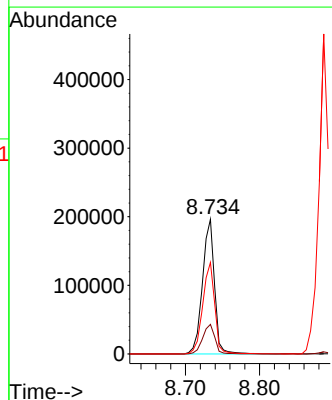
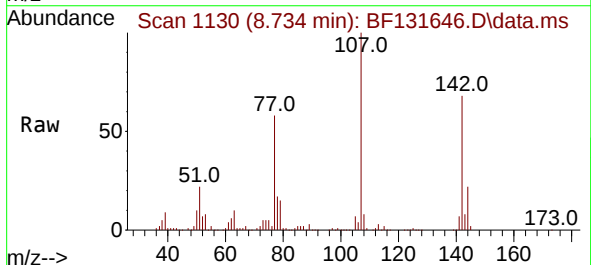
Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)MSD

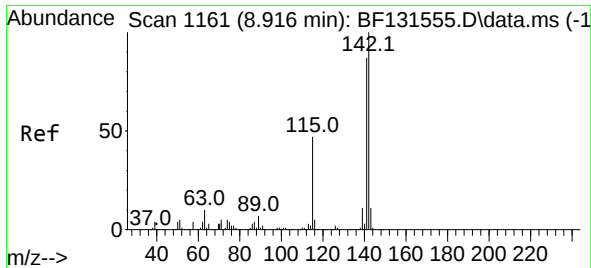
Tgt Ion:113 Resp: 30615
 Ion Ratio Lower Upper
 113 100
 55 171.8 155.8 195.8
 56 137.7 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.112 ng
 RT: 8.734 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: BF131646.D
 Acq: 15 Dec 2022 13:30

Tgt Ion:107 Resp: 221820
 Ion Ratio Lower Upper
 107 100
 144 22.0 17.0 25.4
 142 68.0 54.8 82.2

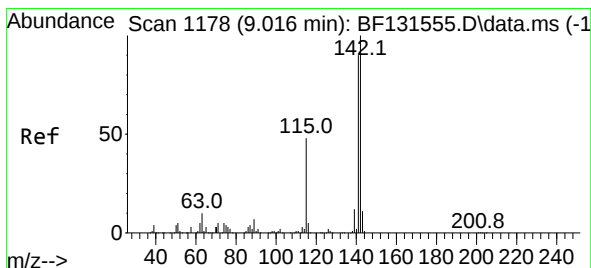
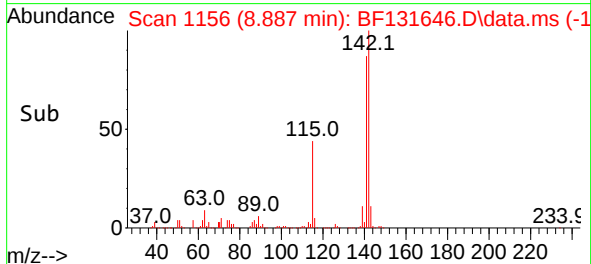
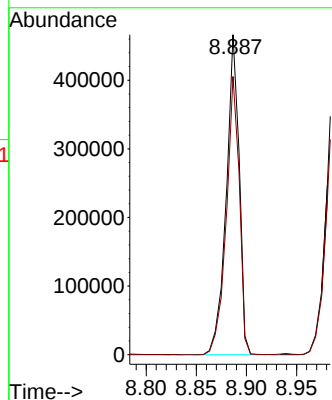
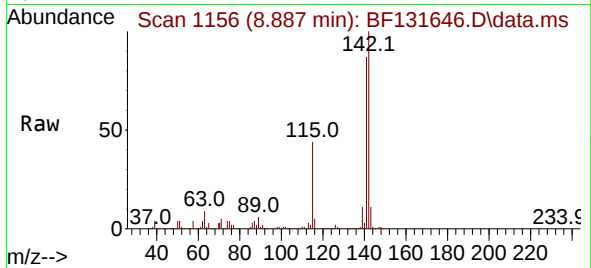




#37
2-Methylnaphthalene
Concen: 44.581 ng
RT: 8.887 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

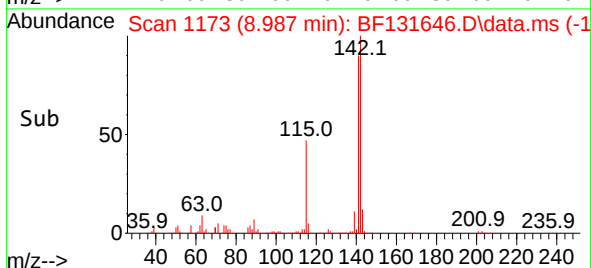
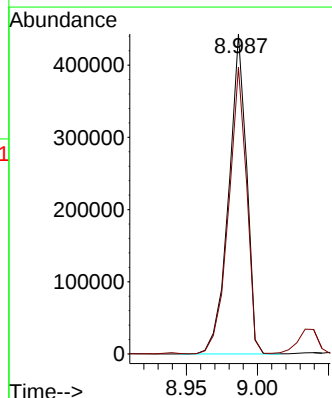
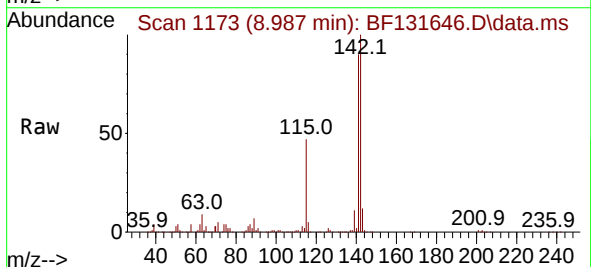
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

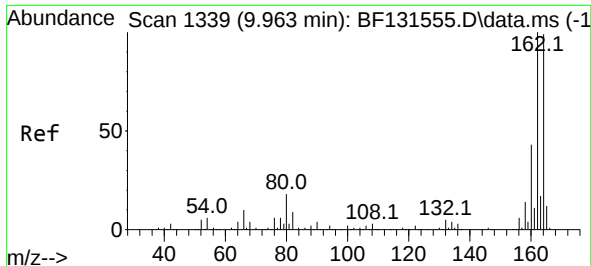
Tgt Ion:142 Resp: 417608
Ion Ratio Lower Upper
142 100
141 87.0 69.7 104.5



#38
1-Methylnaphthalene
Concen: 42.993 ng
RT: 8.987 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:142 Resp: 386613
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9

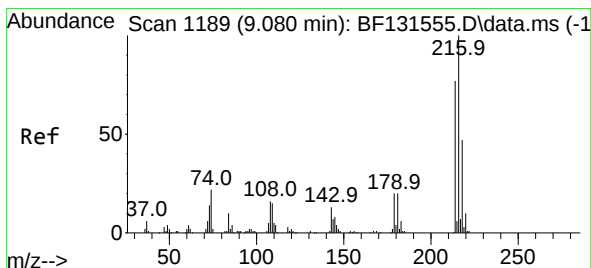
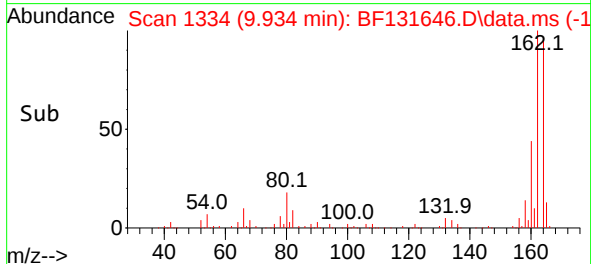
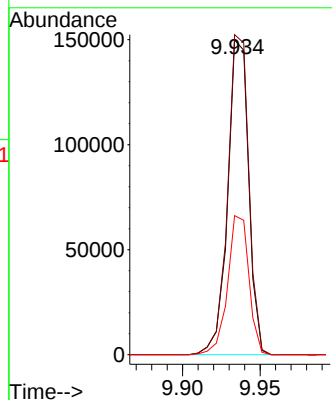
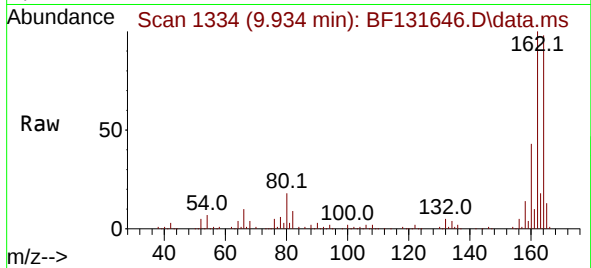




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

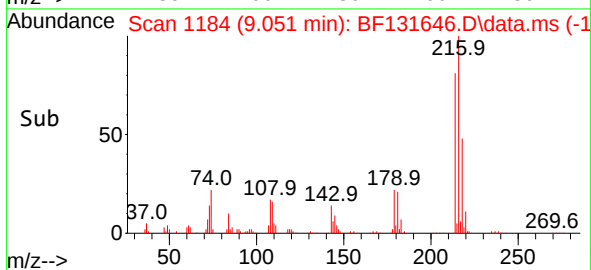
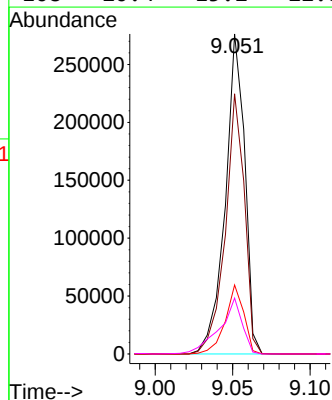
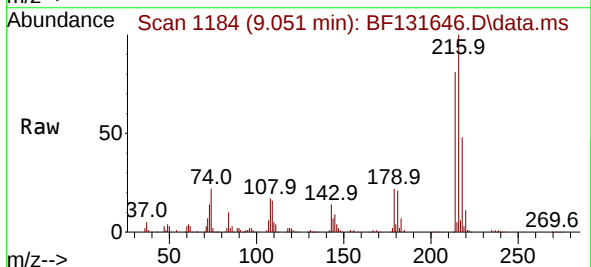
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

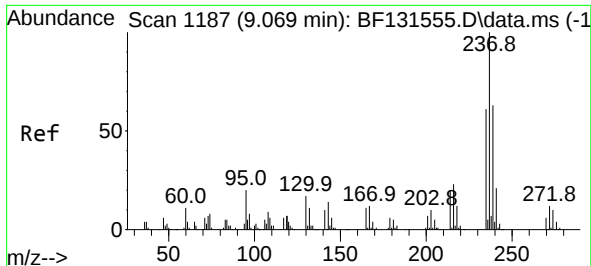
Tgt Ion:164 Resp: 140747
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.6
160 44.2 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.377 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:216 Resp: 241632
Ion Ratio Lower Upper
216 100
214 79.7 62.1 93.1
179 20.6 16.0 24.0
108 20.4 15.2 22.8

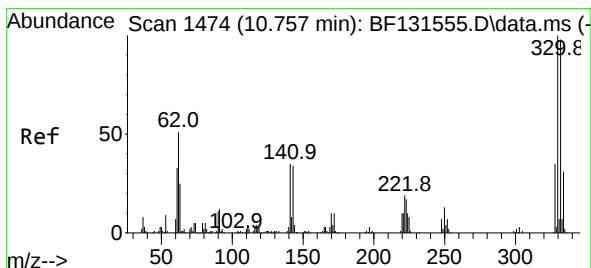
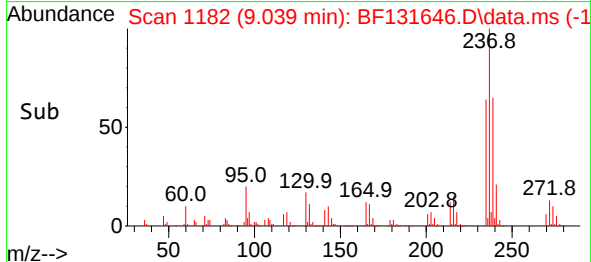
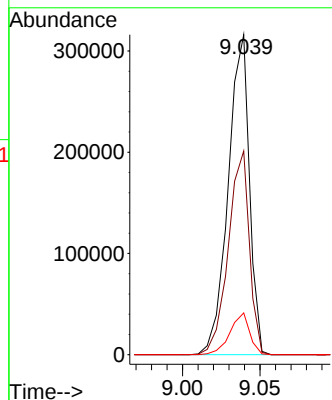
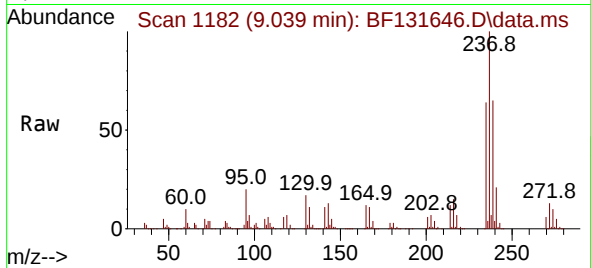




#41
Hexachlorocyclopentadiene
Concen: 113.648 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

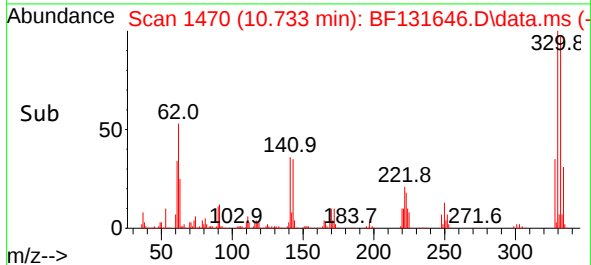
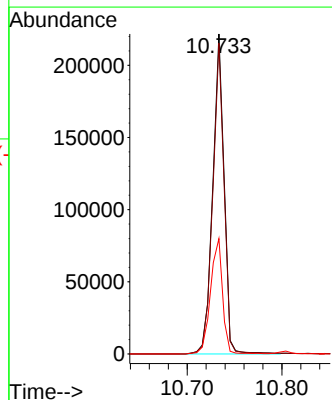
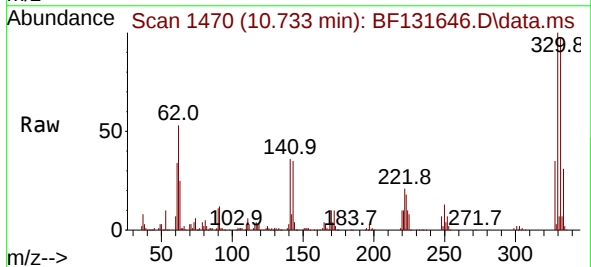
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

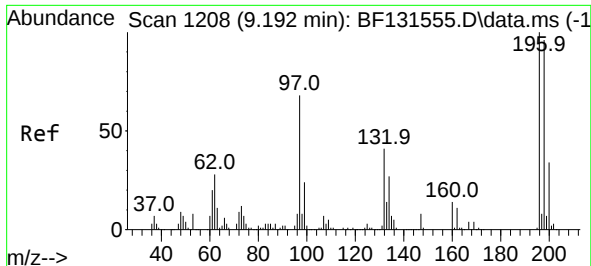
Tgt Ion:237 Resp: 300545
Ion Ratio Lower Upper
237 100
235 63.7 40.6 80.6
272 13.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 118.186 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:330 Resp: 184812
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 38.2 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 45.347 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

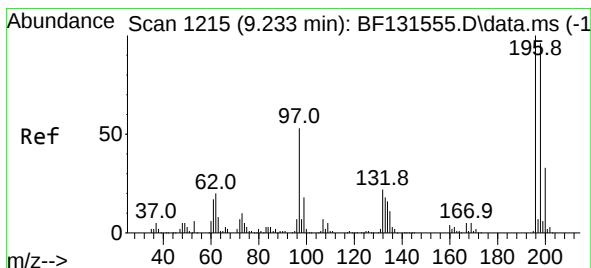
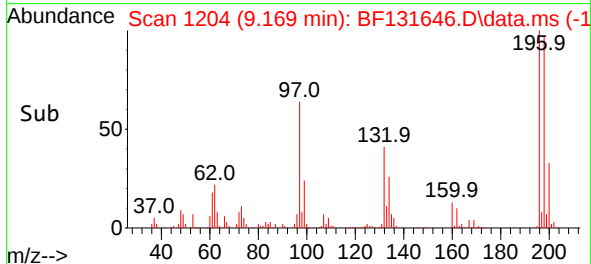
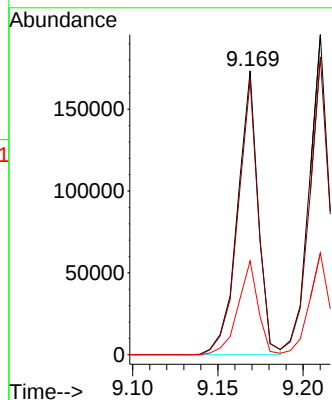
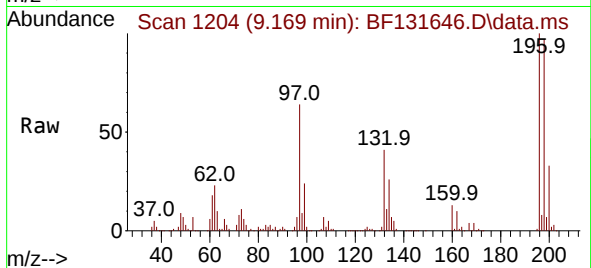
Tgt Ion:196 Resp: 146137

Ion Ratio Lower Upper

196 100

198 96.9 76.9 115.3

200 33.0 26.9 40.3



#44

2,4,5-Trichlorophenol

Concen: 45.678 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Tgt Ion:196 Resp: 158308

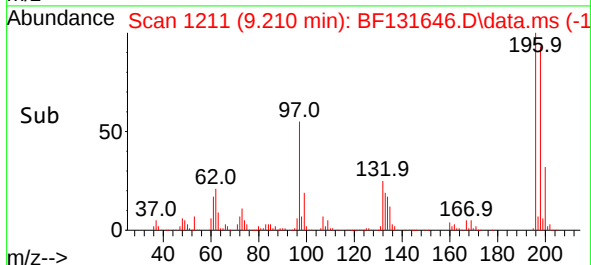
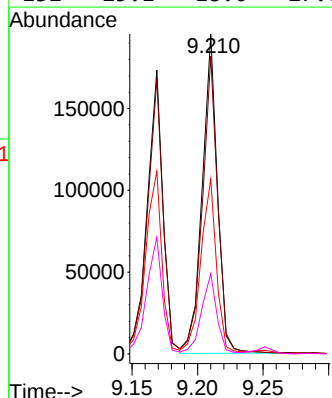
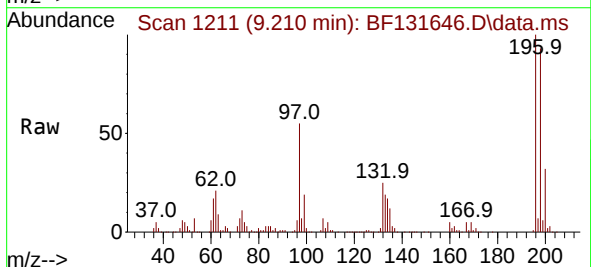
Ion Ratio Lower Upper

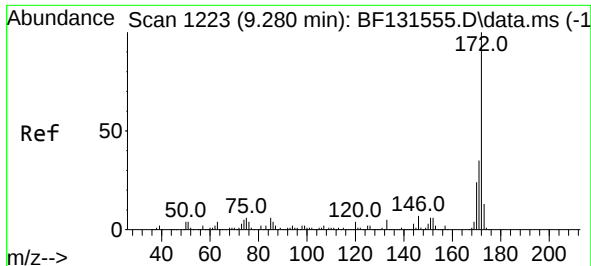
196 100

198 93.1 77.2 115.8

97 54.6 42.2 63.2

132 25.1 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 66.546 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

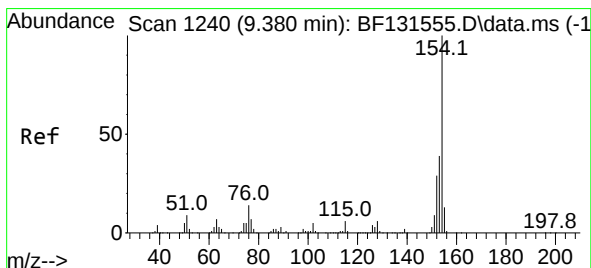
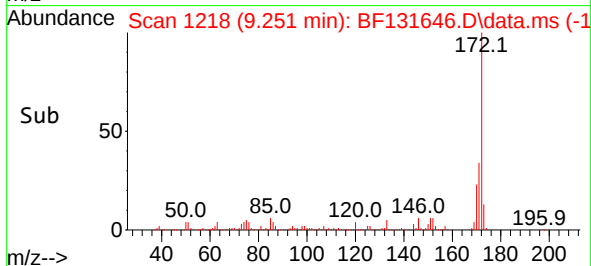
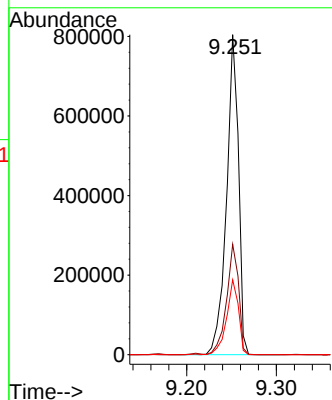
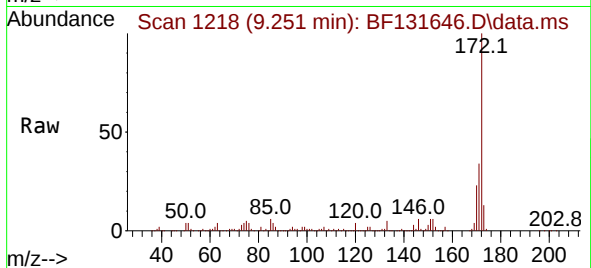
Tgt Ion:172 Resp: 742835

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.4 19.3 28.9



#46

1,1'-Biphenyl

Concen: 47.259 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

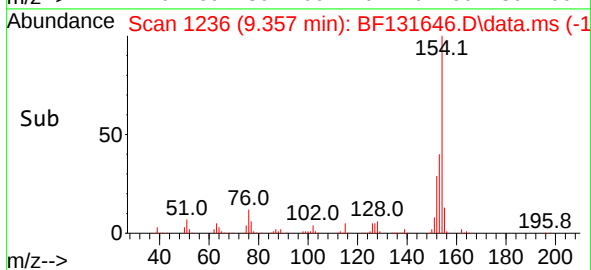
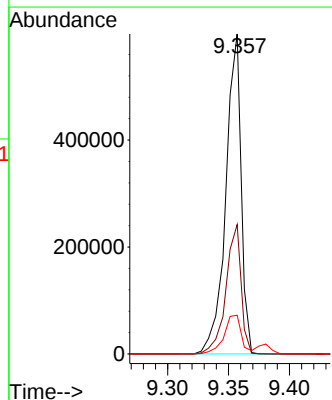
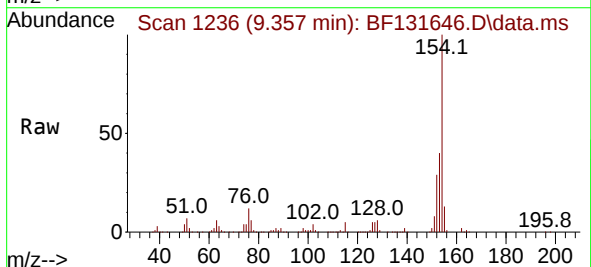
Tgt Ion:154 Resp: 525913

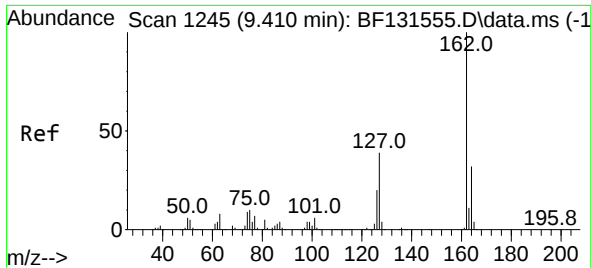
Ion Ratio Lower Upper

154 100

153 40.4 19.4 59.4

76 12.1 0.0 34.0

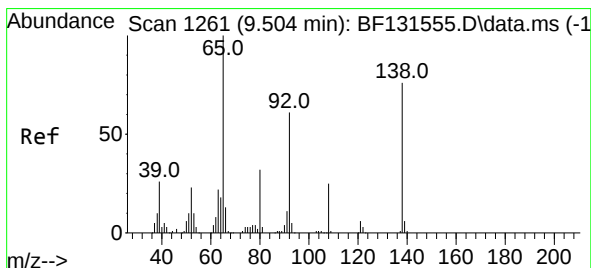
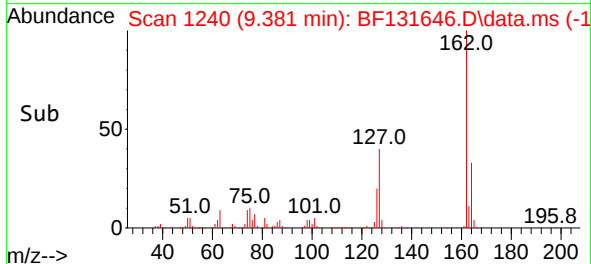
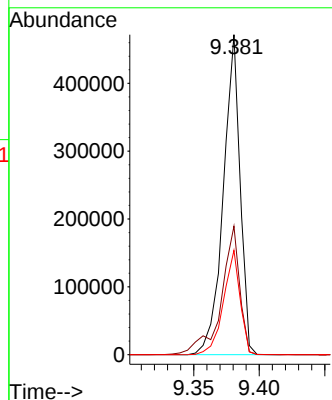
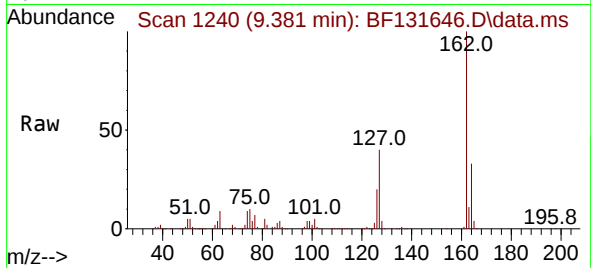




#47
2-Chloronaphthalene
Concen: 46.141 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

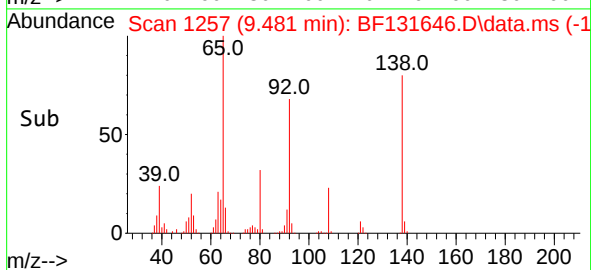
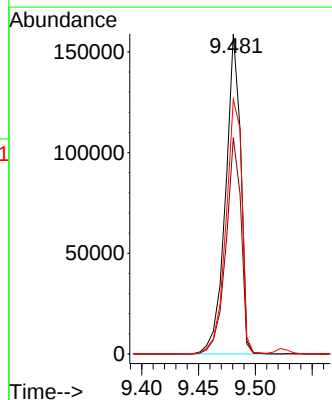
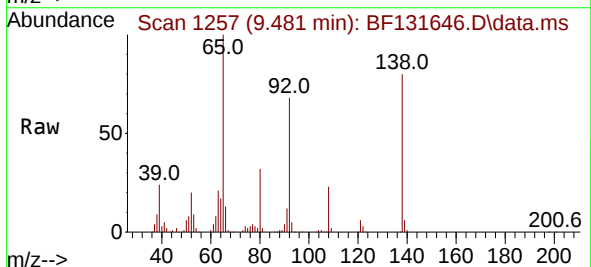
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

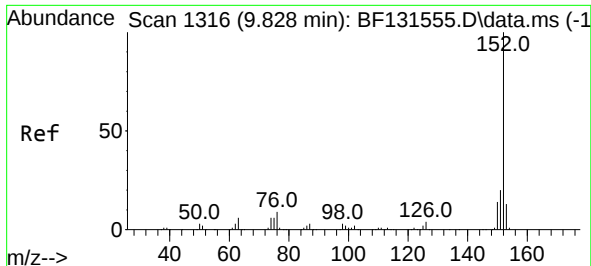
Tgt Ion:162 Resp: 418341
Ion Ratio Lower Upper
162 100
127 40.2 31.4 47.2
164 32.6 25.8 38.8



#48
2-Nitroaniline
Concen: 45.923 ng
RT: 9.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion: 65 Resp: 147493
Ion Ratio Lower Upper
65 100
92 67.6 49.2 73.8
138 79.5 60.7 91.1





#49

Acenaphthylene

Concen: 47.391 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

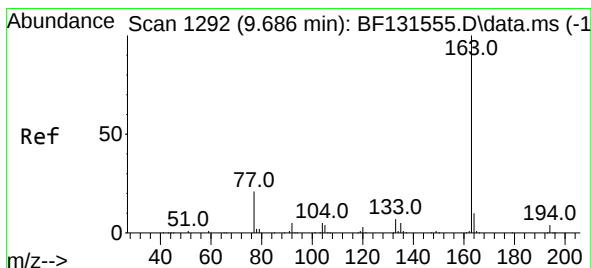
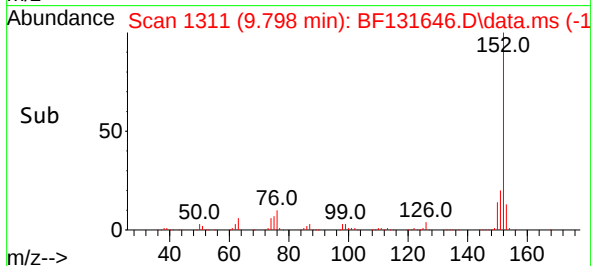
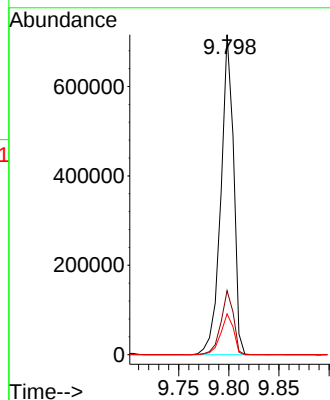
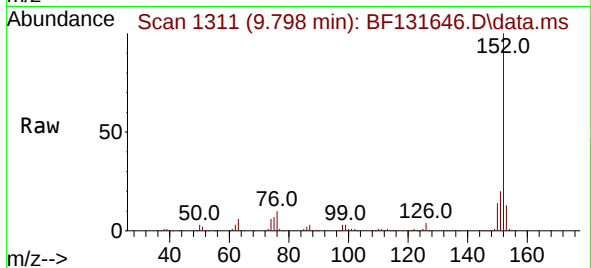
Tgt Ion:152 Resp: 630901

Ion Ratio Lower Upper

152 100

151 20.0 15.6 23.4

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 46.320 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

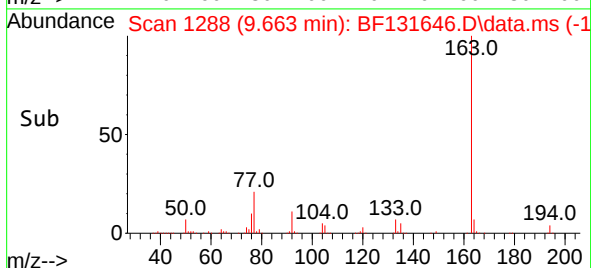
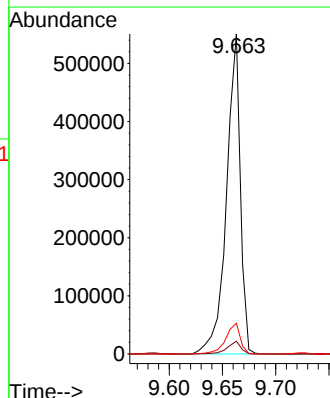
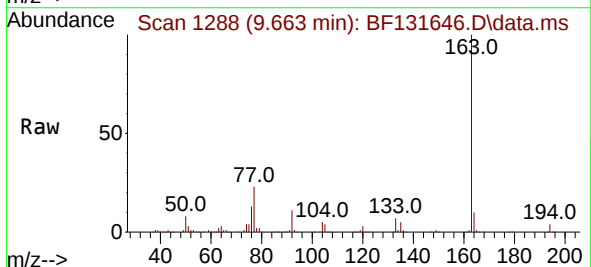
Tgt Ion:163 Resp: 496989

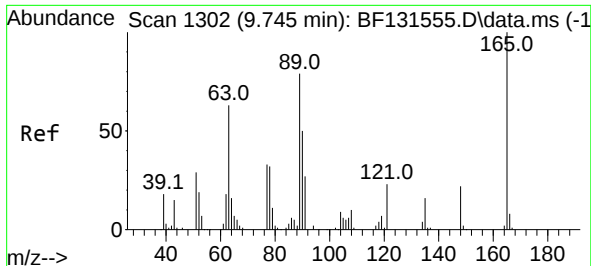
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.6 7.8 11.6

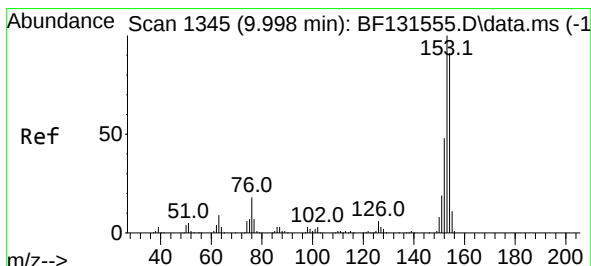
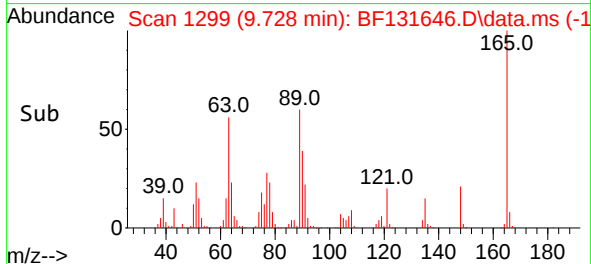
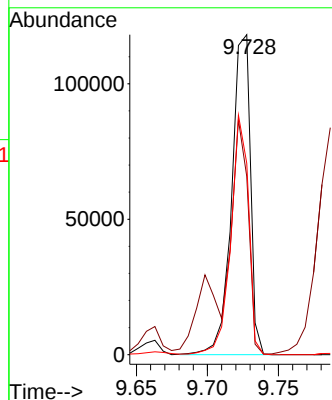
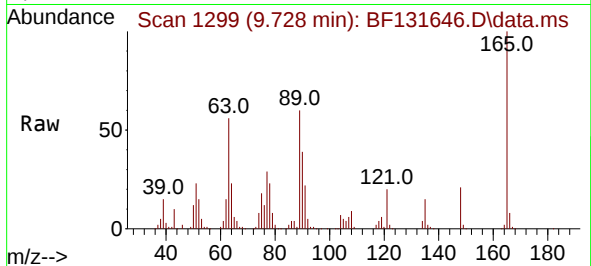




#51
2,6-Dinitrotoluene
Concen: 49.131 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

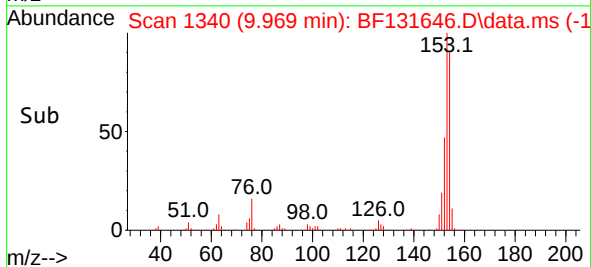
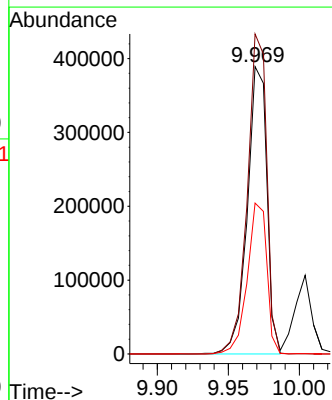
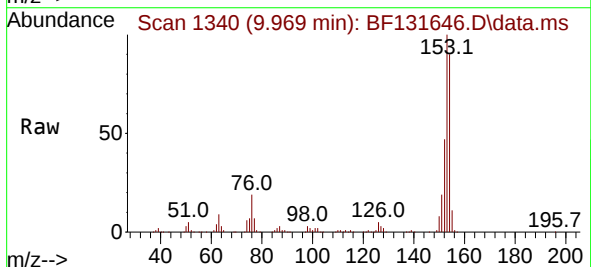
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

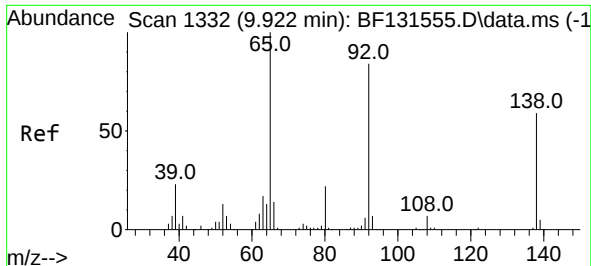
Tgt Ion:165 Resp: 108827
Ion Ratio Lower Upper
165 100
63 55.7 67.9 101.9#
89 59.8 63.2 94.8#



#52
Acenaphthene
Concen: 41.867 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:154 Resp: 373378
Ion Ratio Lower Upper
154 100
153 111.3 87.9 131.9
152 52.5 42.4 63.6

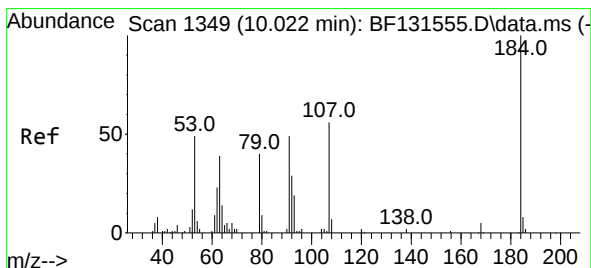
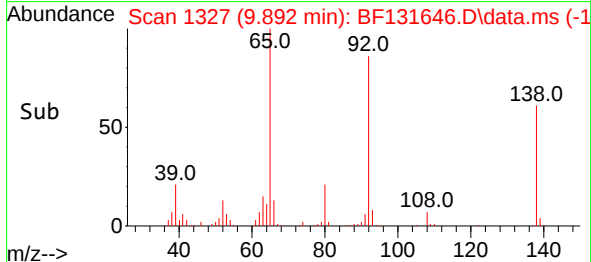
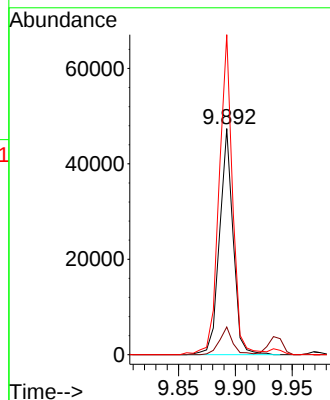
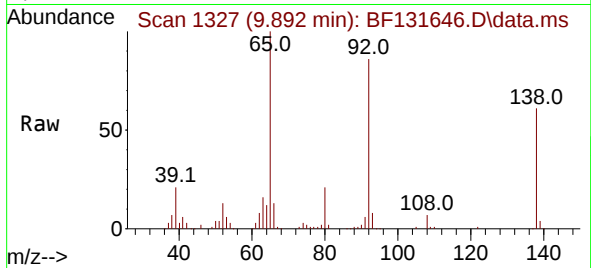




#53
3-Nitroaniline
Concen: 18.530 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

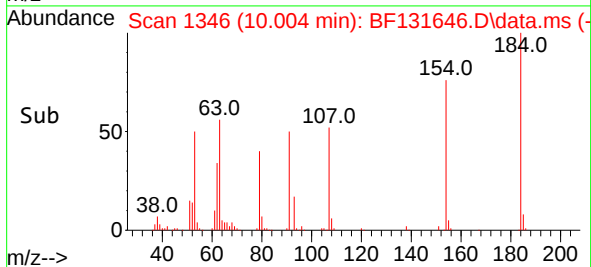
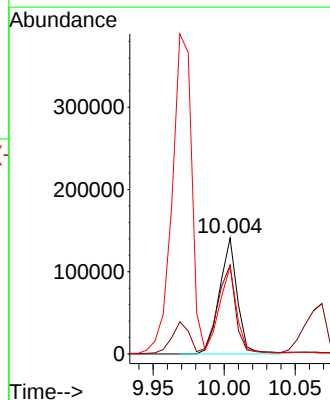
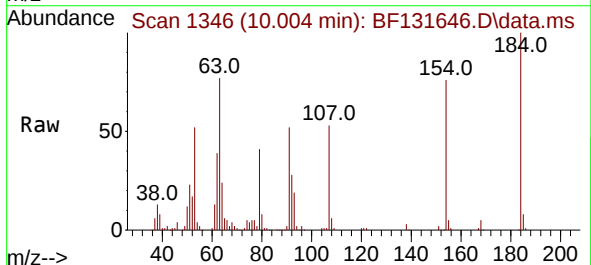
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

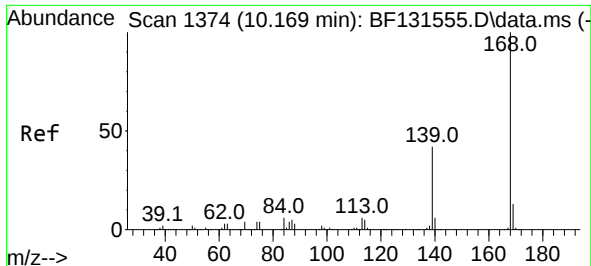
Tgt Ion:138 Resp: 39380
Ion Ratio Lower Upper
138 100
108 12.2 9.6 14.4
92 141.6 113.4 170.0



#54
2,4-Dinitrophenol
Concen: 96.436 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:184 Resp: 123405
Ion Ratio Lower Upper
184 100
63 76.5 60.7 91.1
154 75.6 59.0 88.6

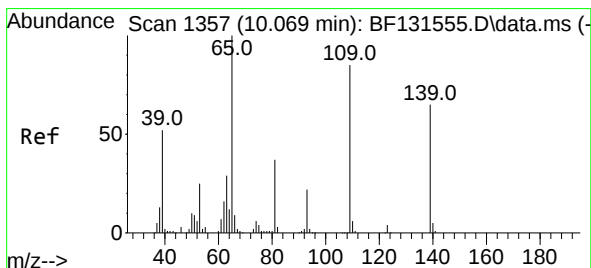
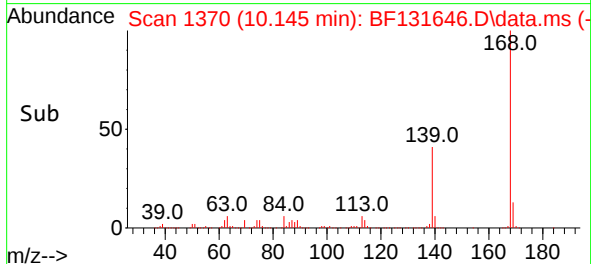
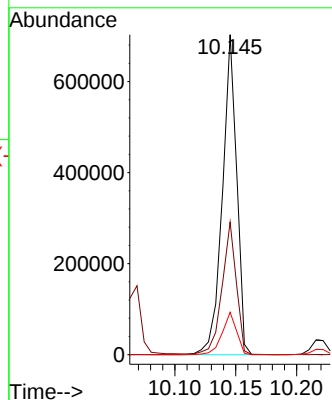
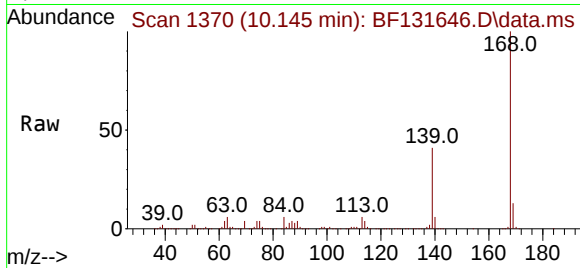




#55
Dibenzenofuran
Concen: 45.674 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

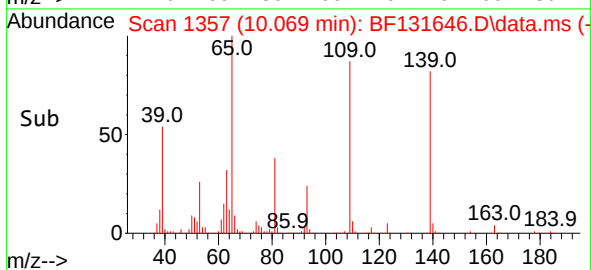
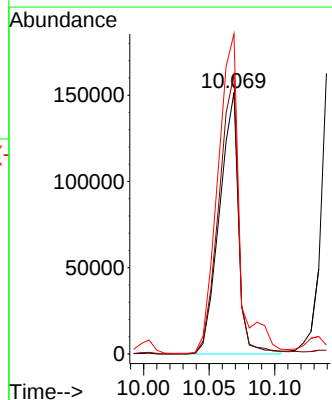
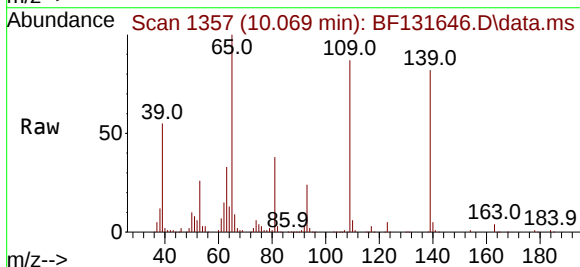
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

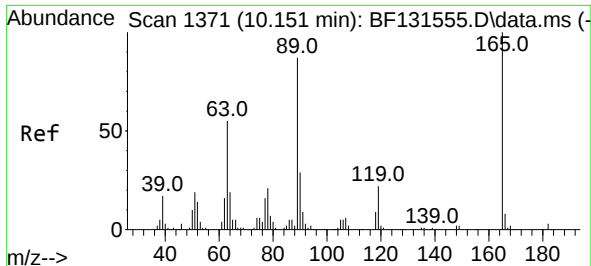
Tgt Ion:168 Resp: 575543
Ion Ratio Lower Upper
168 100
139 41.4 33.9 50.9
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 103.711 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.012 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:139 Resp: 153117
Ion Ratio Lower Upper
139 100
109 106.9 110.2 150.2#
65 122.4 133.3 173.3#

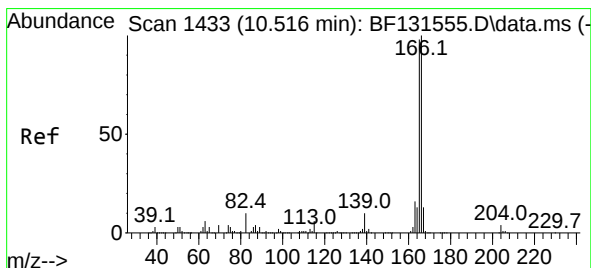
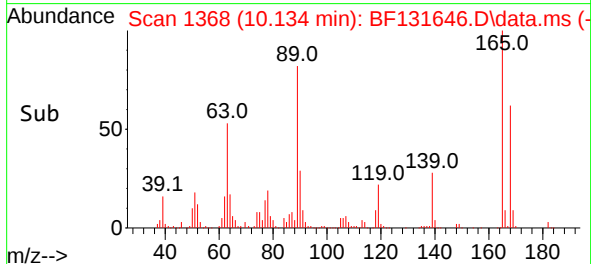
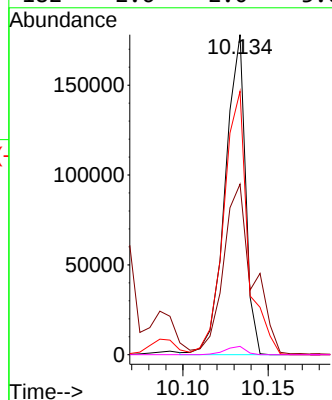
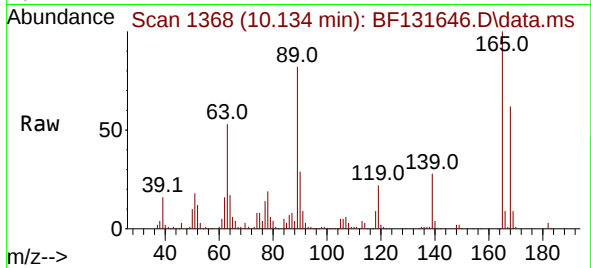




#57
2,4-Dinitrotoluene
Concen: 50.104 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

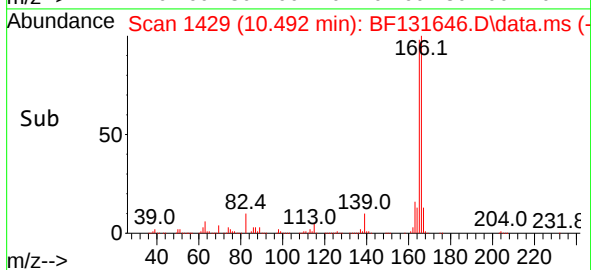
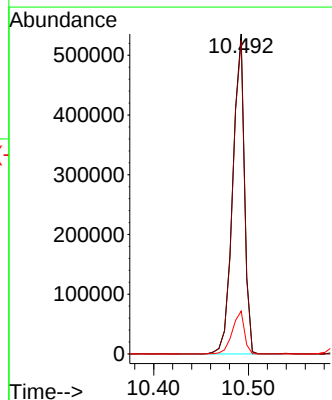
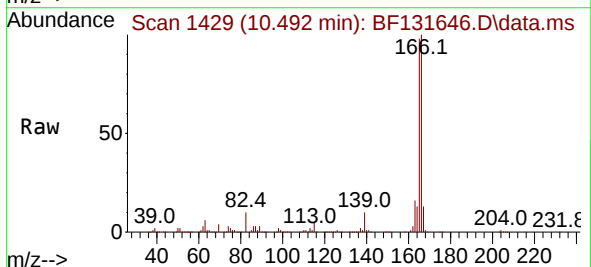
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

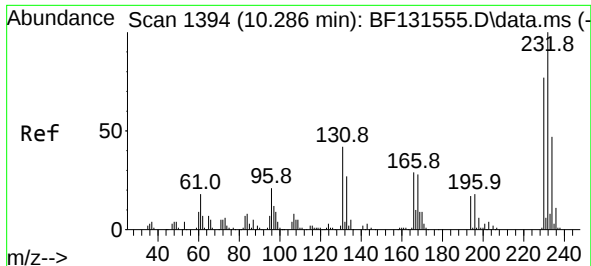
Tgt Ion:165 Resp: 147221
Ion Ratio Lower Upper
165 100
63 53.3 44.4 66.6
89 82.3 69.6 104.4
182 2.6 2.0 3.0



#58
Fluorene
Concen: 44.743 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:166 Resp: 458348
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.4 10.7 16.1

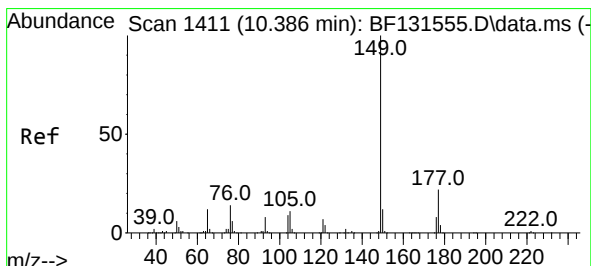
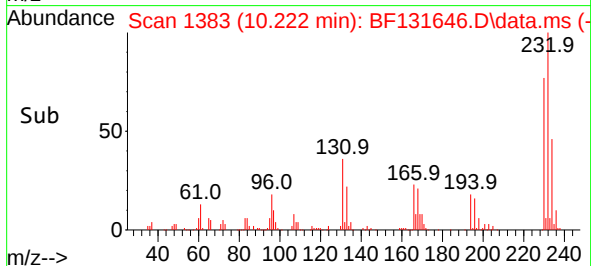
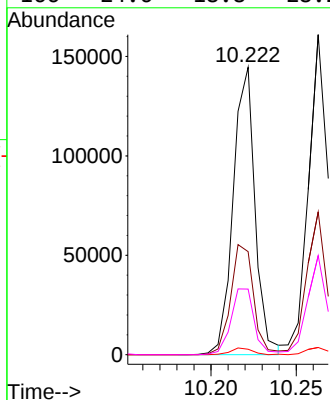
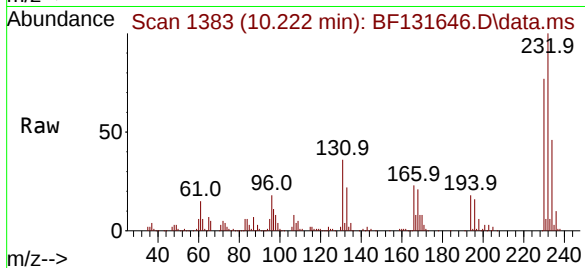




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.063 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

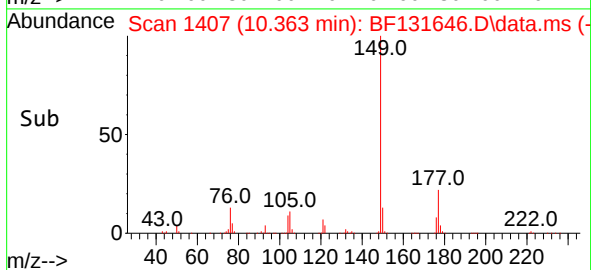
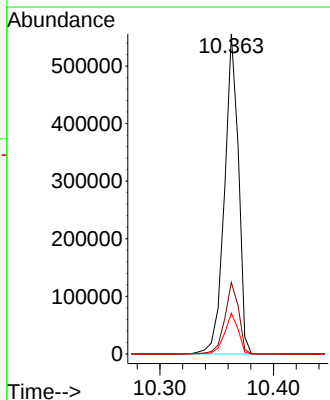
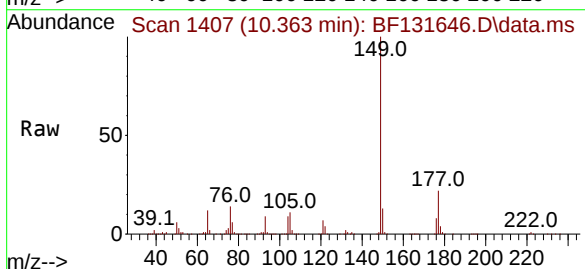
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

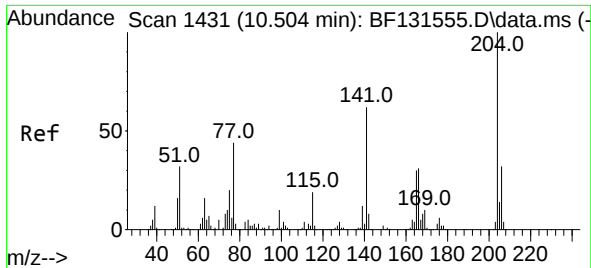
Tgt Ion:232 Resp: 129316
Ion Ratio Lower Upper
232 100
131 40.2 31.0 46.6
130 2.3 1.8 2.8
166 24.6 18.8 28.2



#60
Diethylphthalate
Concen: 46.094 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:149 Resp: 474595
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.2
150 12.7 9.7 14.5

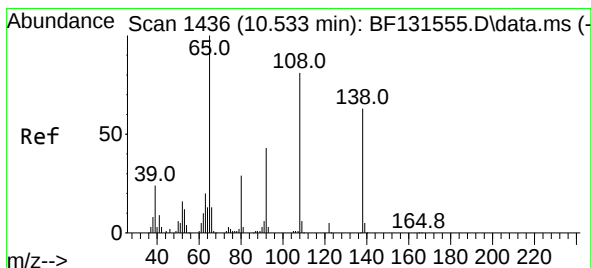
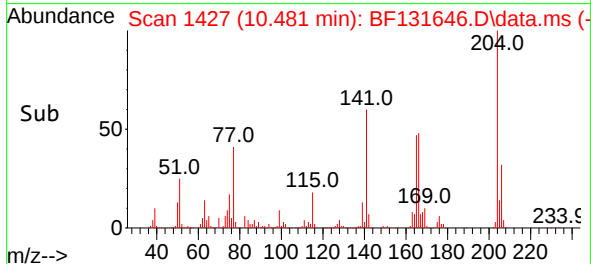
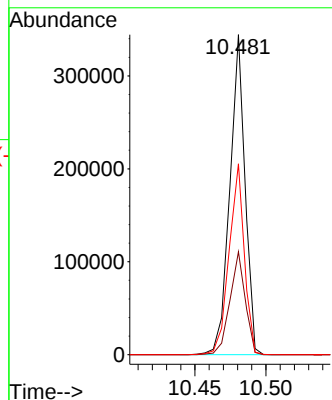
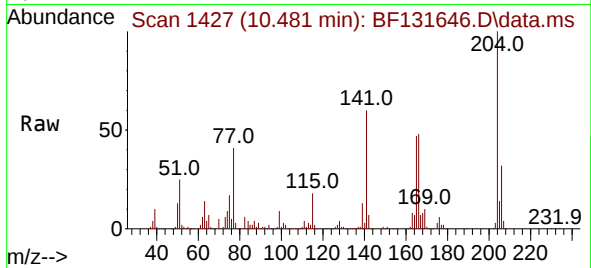




#61
4-Chlorophenyl-phenylether
Concen: 45.201 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

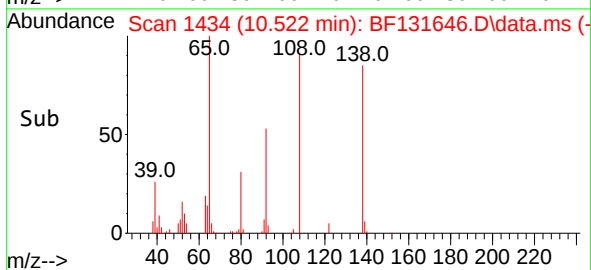
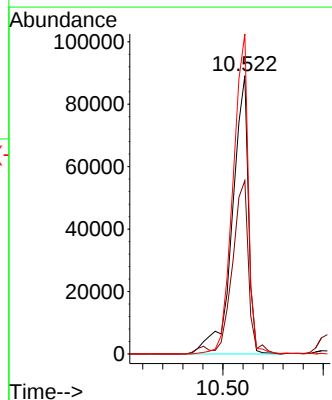
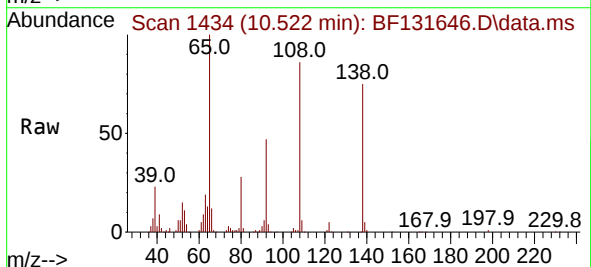
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

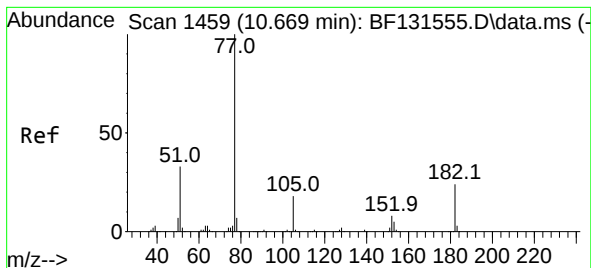
Tgt Ion:204 Resp: 255888
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.2
141 59.6 49.5 74.3



#62
4-Nitroaniline
Concen: 46.805 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:138 Resp: 98571
Ion Ratio Lower Upper
138 100
92 62.2 47.5 87.5
108 115.0 108.8 148.8





#63

Azobenzene

Concen: 48.150 ng

RT: 10.639 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

Tgt Ion: 77 Resp: 565446

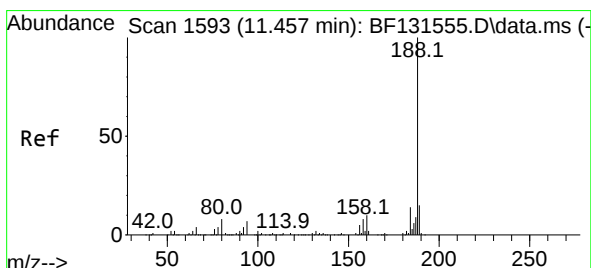
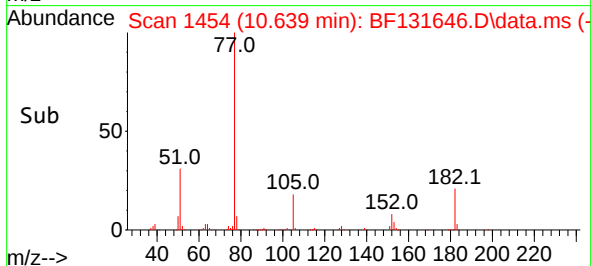
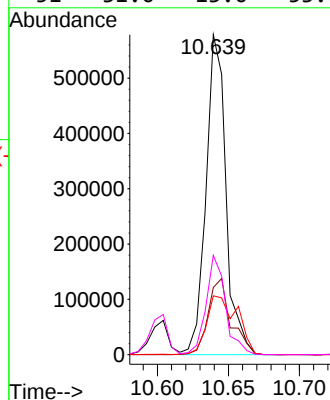
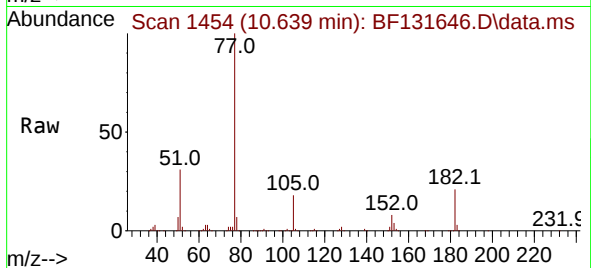
Ion Ratio Lower Upper

77 100

182 21.0 3.9 43.9

105 18.4 0.0 38.3

51 31.0 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.006 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

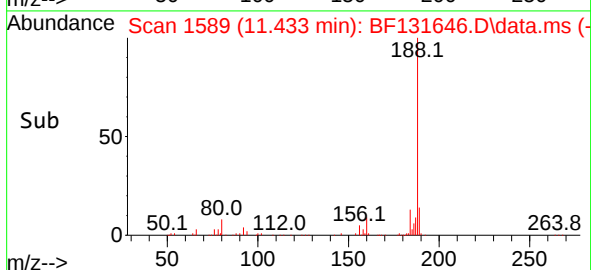
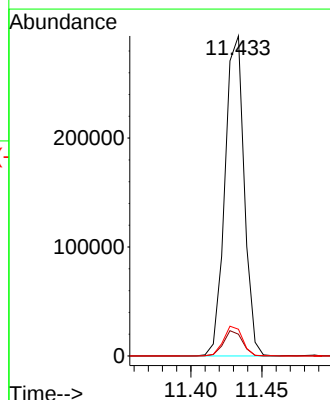
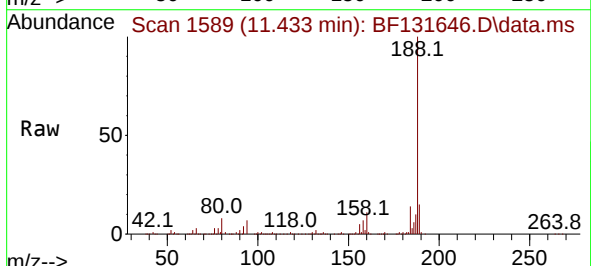
Tgt Ion: 188 Resp: 276302

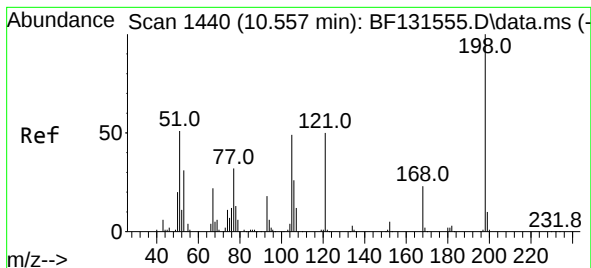
Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

80 8.3 6.6 10.0

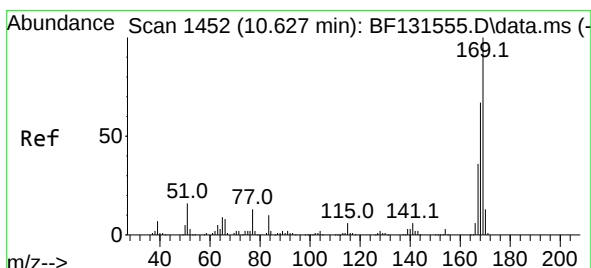
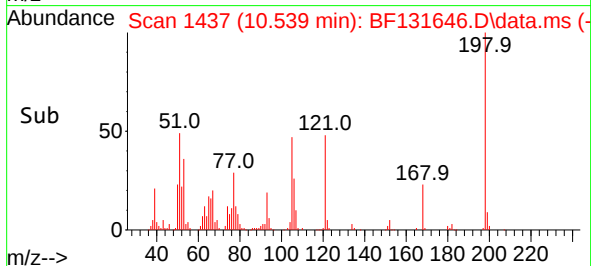
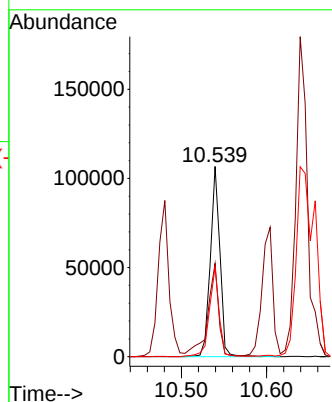
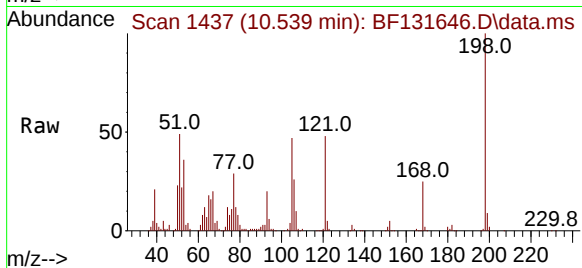




#65
4,6-Dinitro-2-methylphenol
Concen: 47.689 ng
RT: 10.539 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

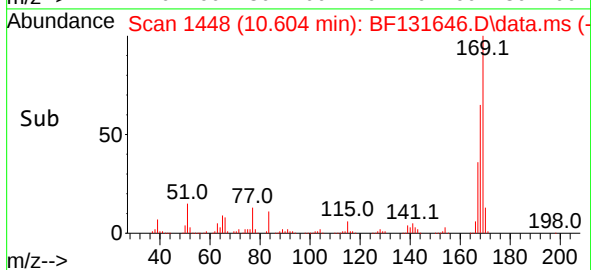
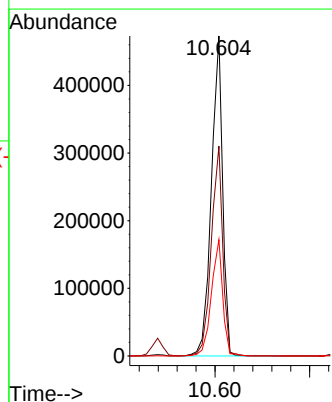
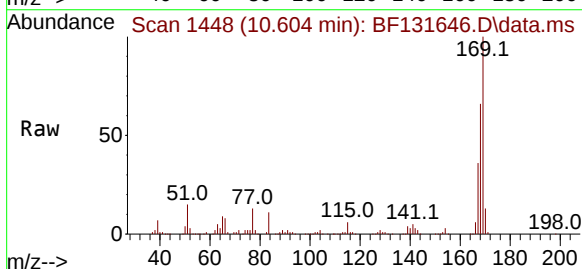
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

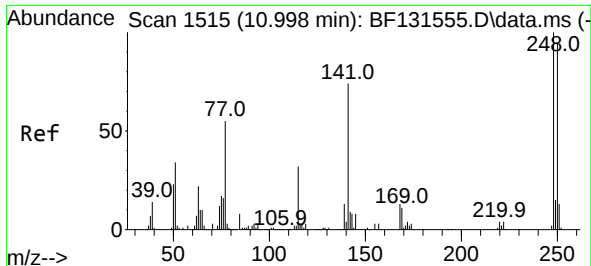
Tgt Ion:198 Resp: 83456
Ion Ratio Lower Upper
198 100
51 49.0 36.7 76.7
105 47.1 29.9 69.9



#66
n-Nitrosodiphenylamine
Concen: 43.554 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:169 Resp: 389055
Ion Ratio Lower Upper
169 100
168 65.6 53.8 80.6
167 36.4 29.1 43.7

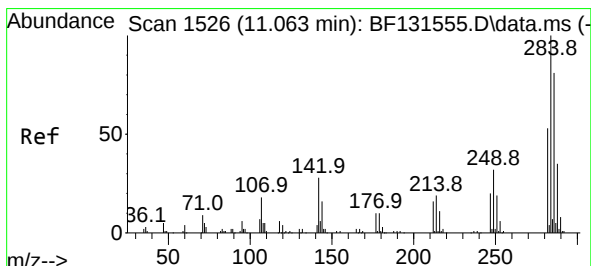
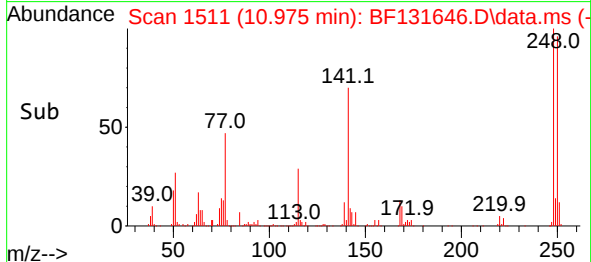
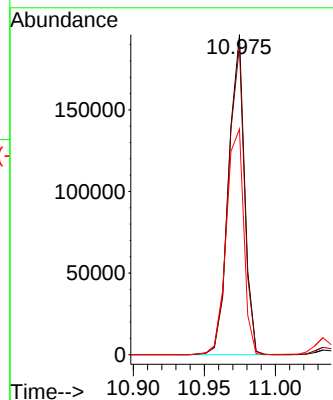
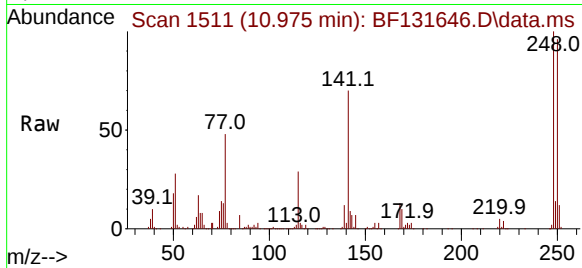




#67
4-Bromophenyl-phenylether
Concen: 42.865 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

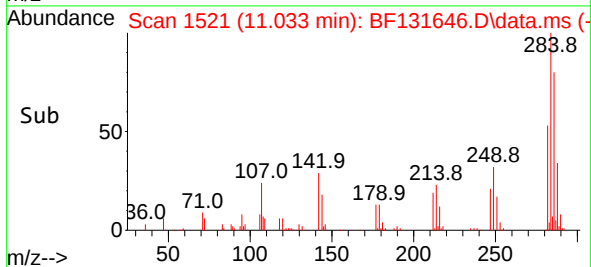
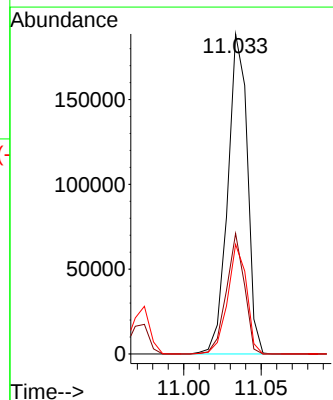
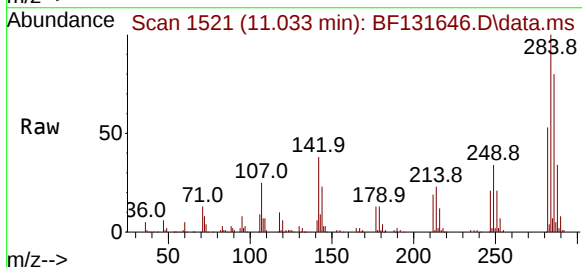
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

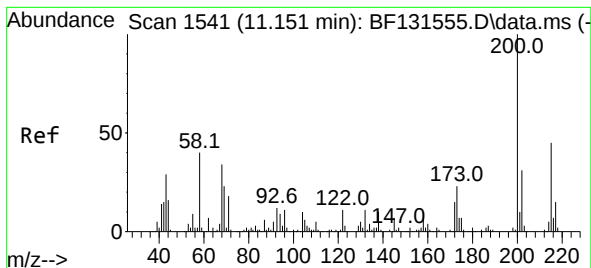
Tgt Ion:248 Resp: 152362
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.2
141 70.5 59.5 89.3



#68
Hexachlorobenzene
Concen: 43.105 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:284 Resp: 165726
Ion Ratio Lower Upper
284 100
142 37.6 22.3 33.5#
249 34.3 25.4 38.2





#69

Atrazine

Concen: 51.515 ng

RT: 11.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

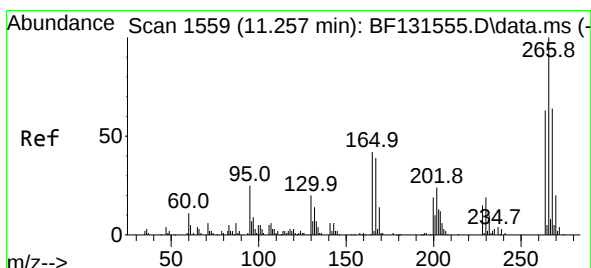
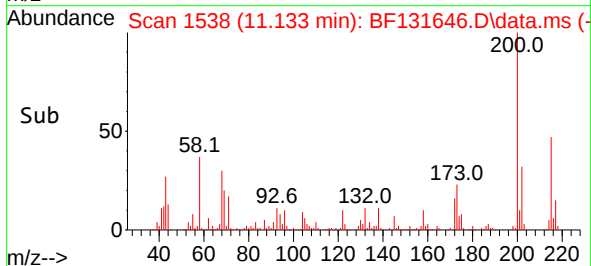
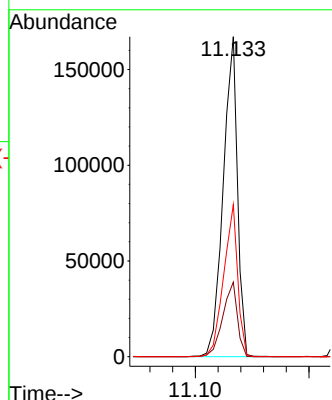
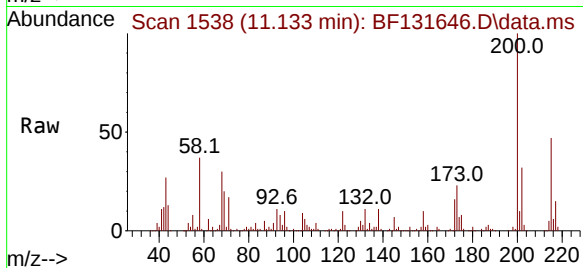
Tgt Ion:200 Resp: 146128

Ion Ratio Lower Upper

200 100

173 23.3 3.4 43.4

215 47.5 25.0 65.0



#70

Pentachlorophenol

Concen: 91.177 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

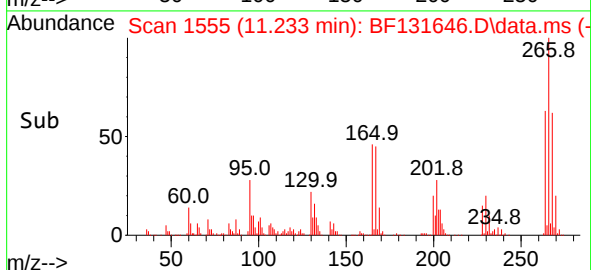
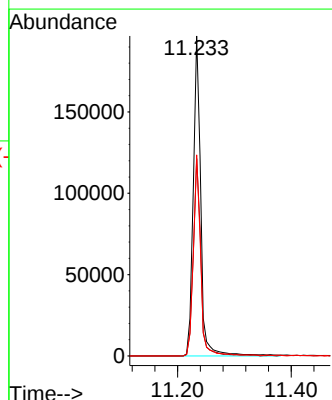
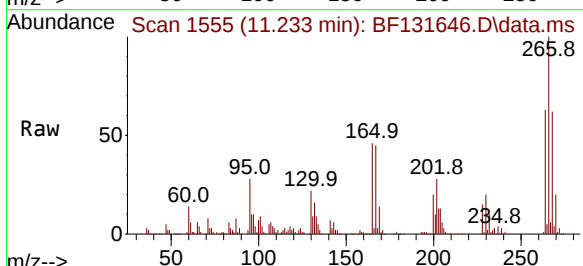
Tgt Ion:266 Resp: 180465

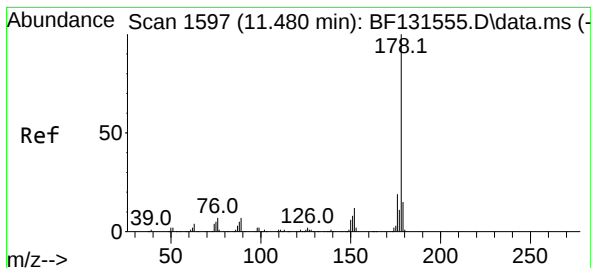
Ion Ratio Lower Upper

266 100

268 61.7 51.5 77.3

264 62.9 50.7 76.1





#71

Phenanthrene

Concen: 43.850 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

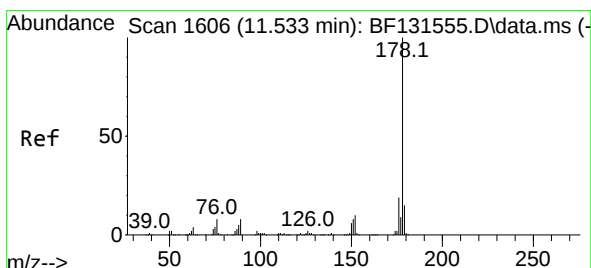
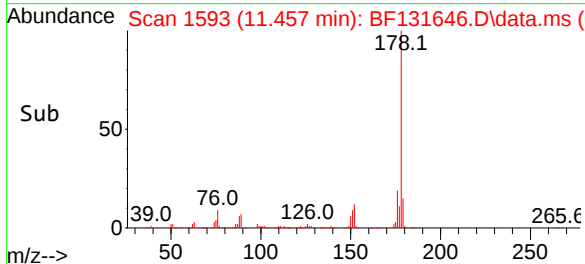
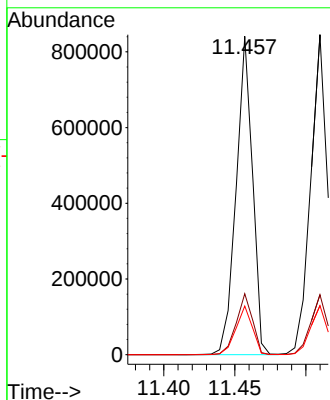
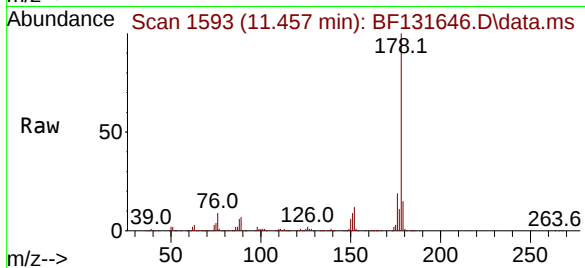
Tgt Ion:178 Resp: 675318

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.953 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

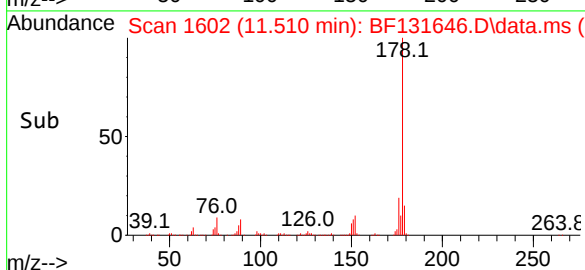
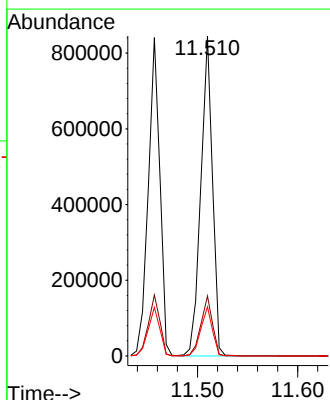
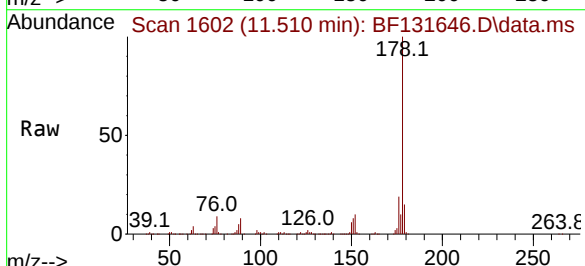
Tgt Ion:178 Resp: 688532

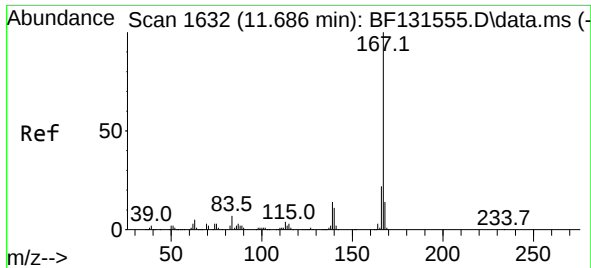
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.4 12.3 18.5

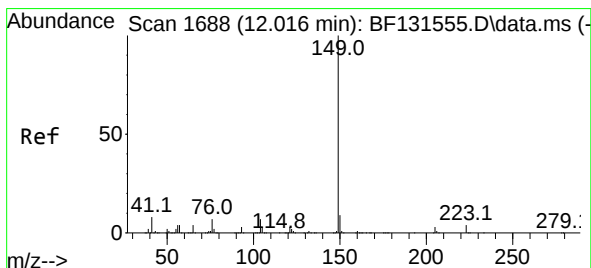
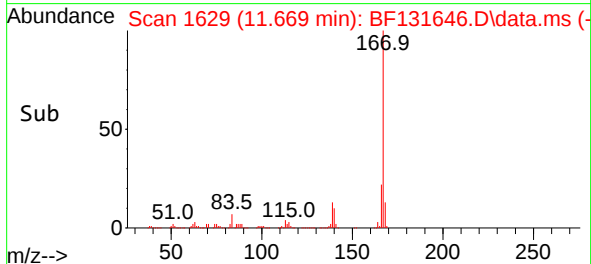
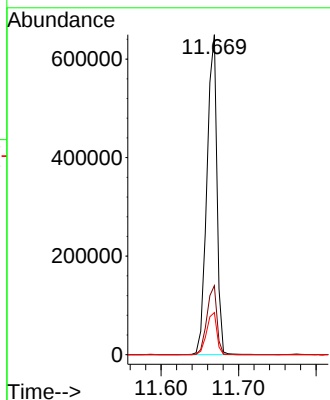
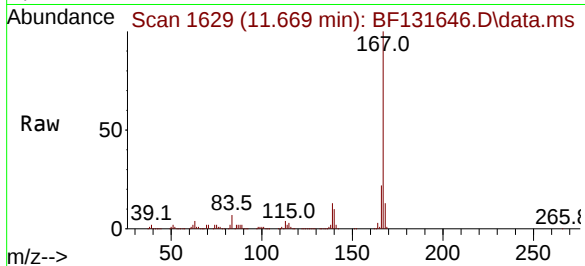




#73
Carbazole
Concen: 47.556 ng
RT: 11.669 min Scan# 1629
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

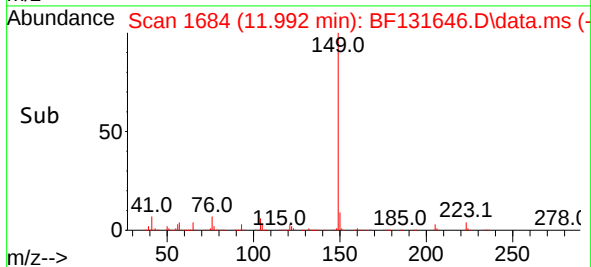
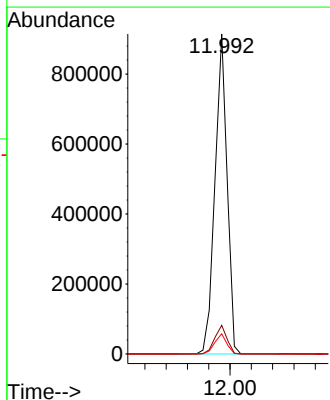
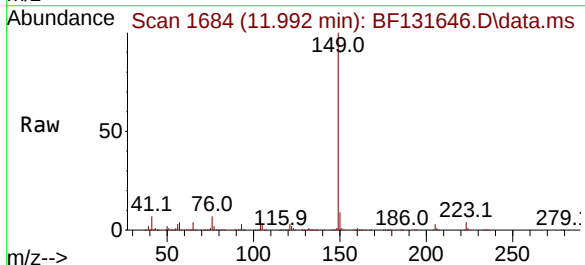
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

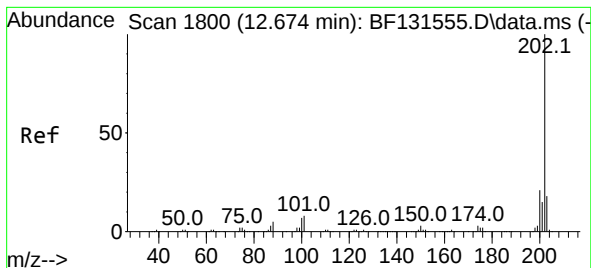
Tgt Ion:167 Resp: 581622
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 13.1 11.0 16.4



#74
Di-n-butylphthalate
Concen: 47.934 ng
RT: 11.992 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:149 Resp: 719217
Ion Ratio Lower Upper
149 100
150 8.9 7.2 10.8
104 6.3 5.2 7.8





#75

Fluoranthene

Concen: 45.447 ng

RT: 12.651 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

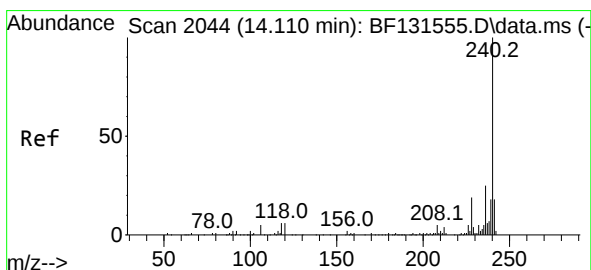
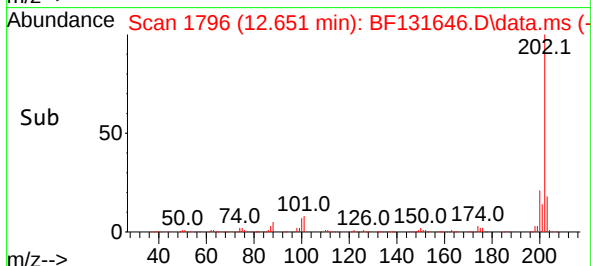
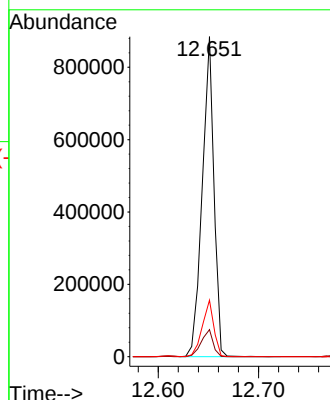
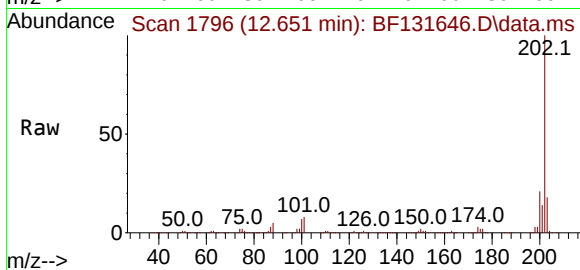
Tgt Ion:202 Resp: 720729

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.7

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

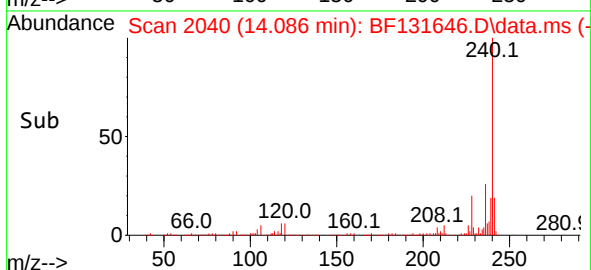
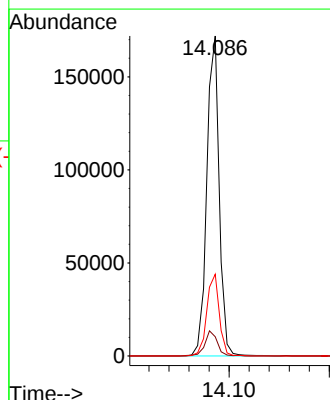
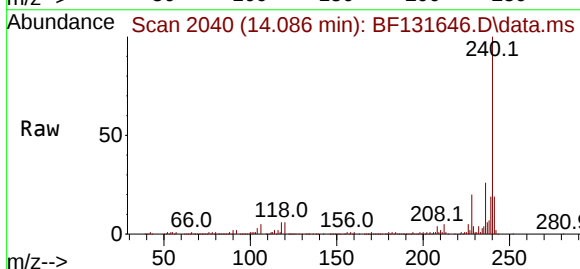
Tgt Ion:240 Resp: 147921

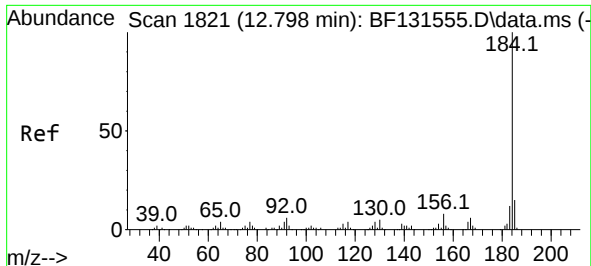
Ion Ratio Lower Upper

240 100

120 6.0 4.6 7.0

236 25.6 20.2 30.2

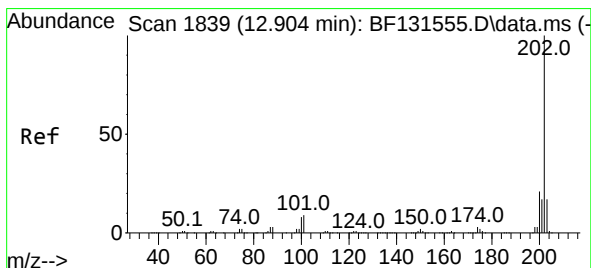
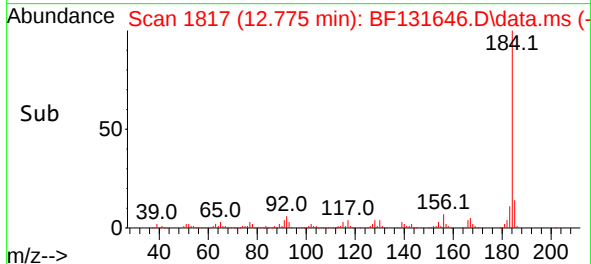
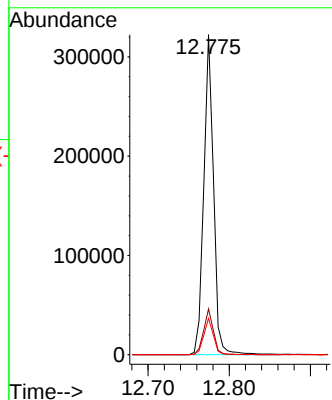
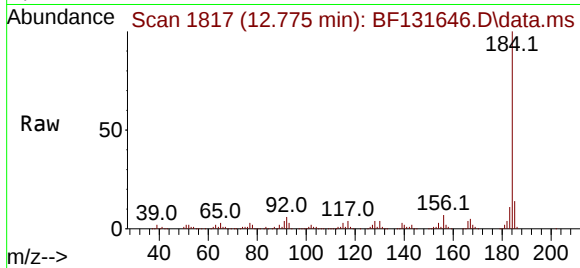




#77
Benzidine
Concen: 67.969 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

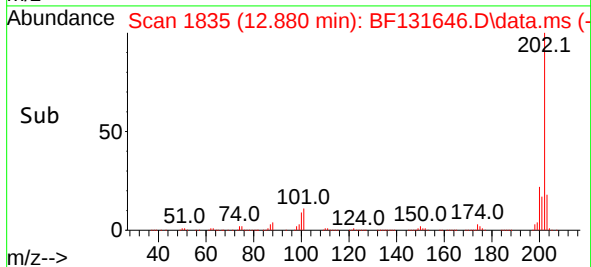
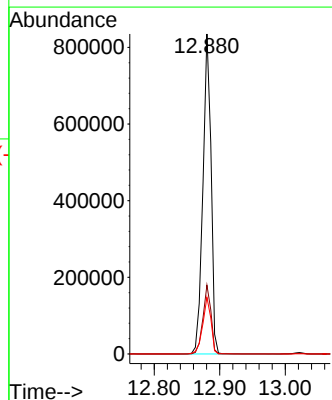
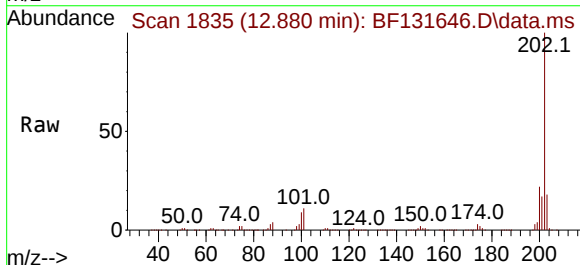
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

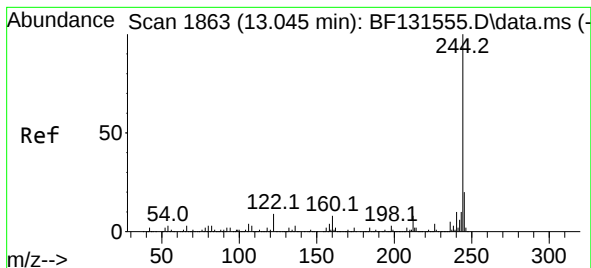
Tgt Ion:184 Resp: 269387
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.4 9.3 13.9



#78
Pyrene
Concen: 49.618 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:202 Resp: 723718
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 78.509 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

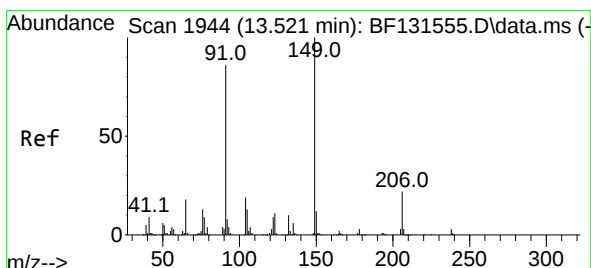
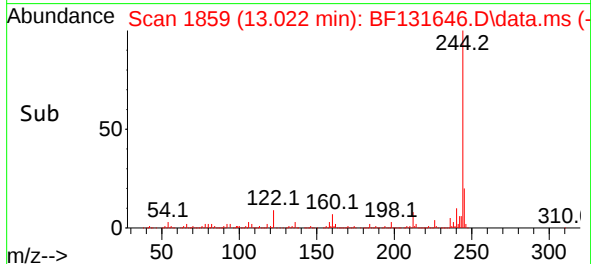
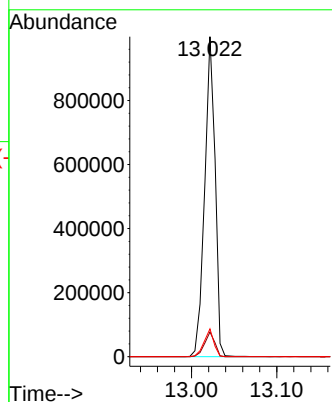
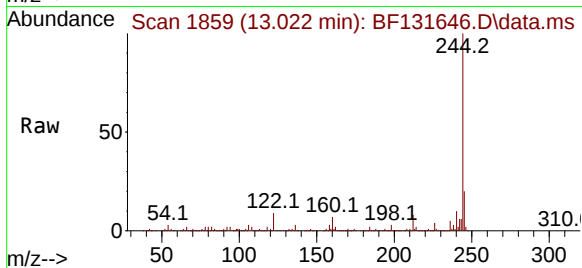
Tgt Ion:244 Resp: 846806

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.7 7.1 10.7



#80

Butylbenzylphthalate

Concen: 62.483 ng

RT: 13.498 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

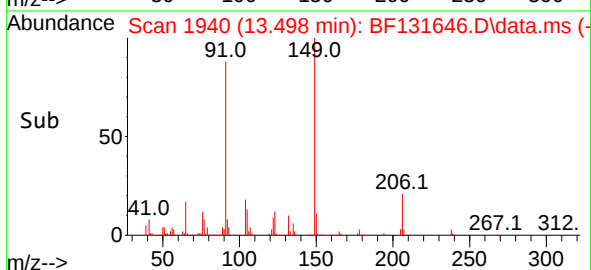
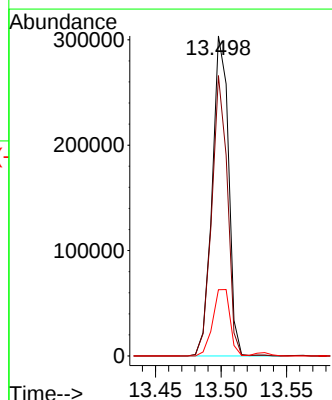
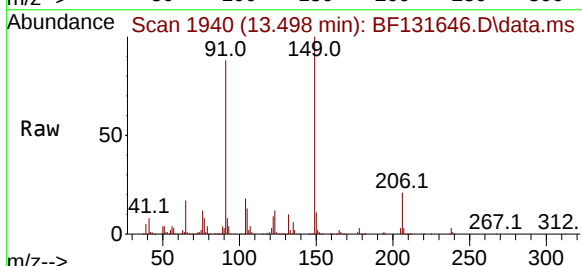
Tgt Ion:149 Resp: 263742

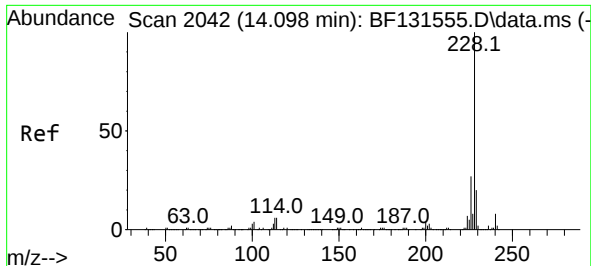
Ion Ratio Lower Upper

149 100

91 87.6 69.0 103.4

206 20.7 17.8 26.8

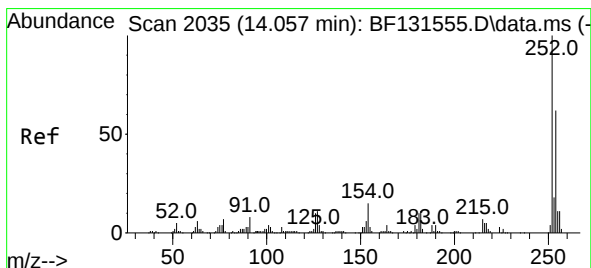
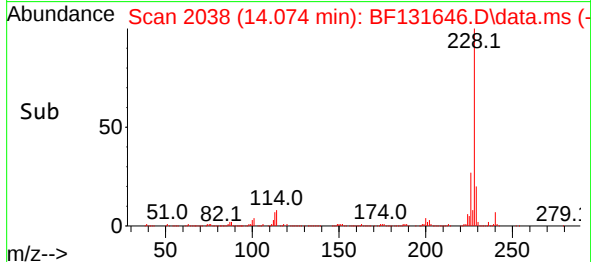
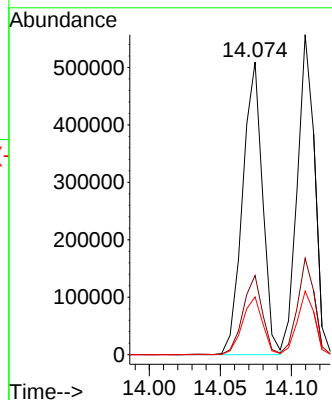
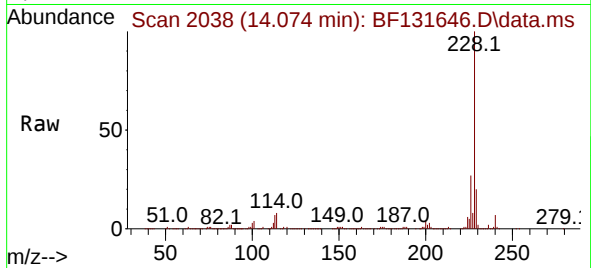




#81
Benzo(a)anthracene
Concen: 46.650 ng
RT: 14.074 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

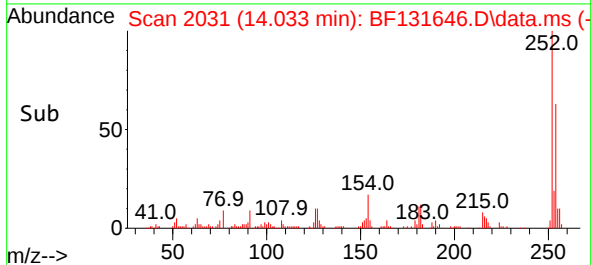
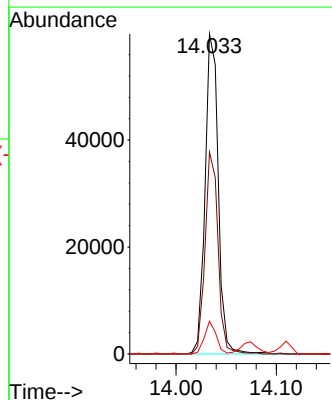
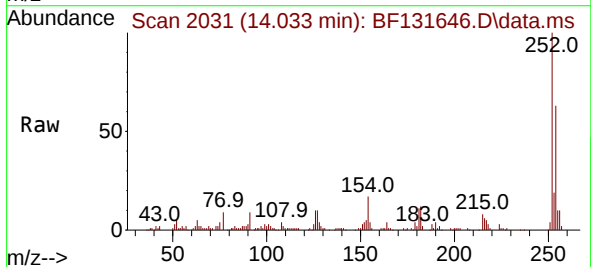
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

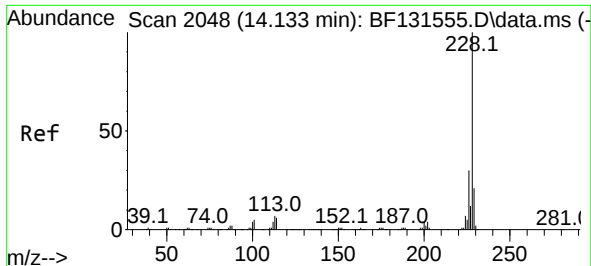
Tgt Ion:228 Resp: 498333
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 18.073 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:252 Resp: 54928
Ion Ratio Lower Upper
252 100
254 63.1 49.6 74.4
126 10.3 7.9 11.9

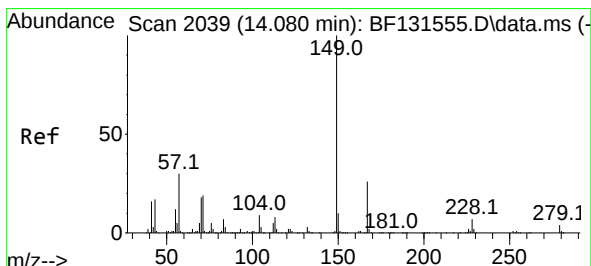
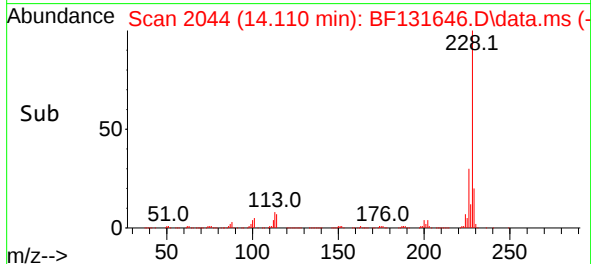
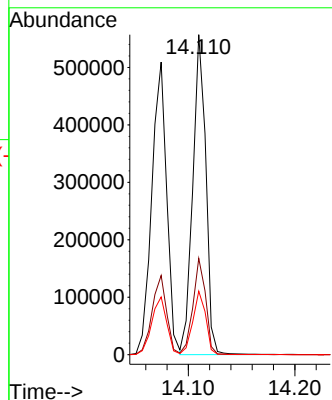
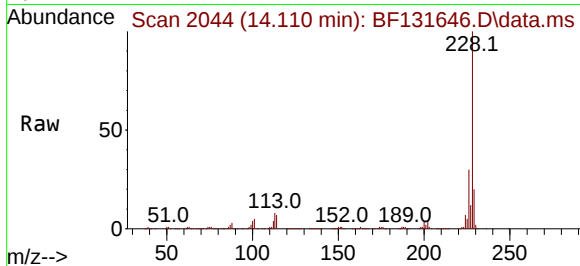




#83
 Chrysene
 Concen: 46.713 ng
 RT: 14.110 min Scan# 2044
 Delta R.T. 0.000 min
 Lab File: BF131646.D
 Acq: 15 Dec 2022 13:30

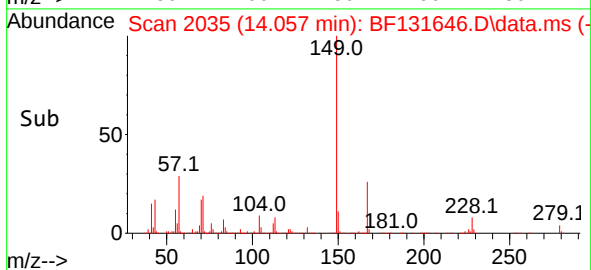
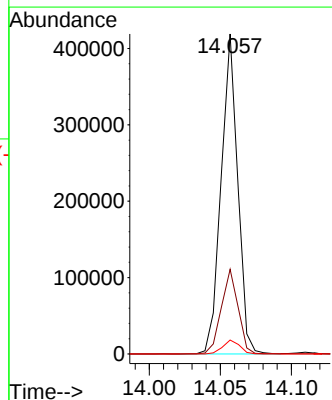
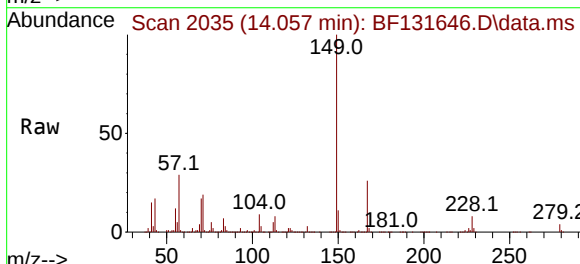
Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)MSD

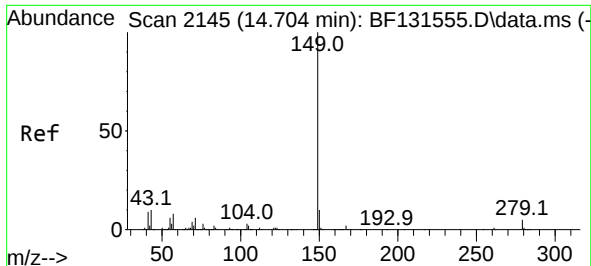
Tgt Ion:228 Resp: 474399
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.9 35.9
 229 19.9 16.7 25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.468 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF131646.D
 Acq: 15 Dec 2022 13:30

Tgt Ion:149 Resp: 340273
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.8 31.2
 279 4.3 3.3 4.9

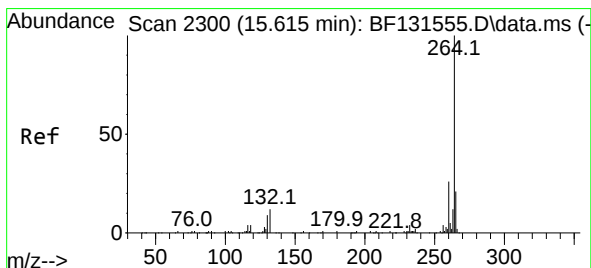
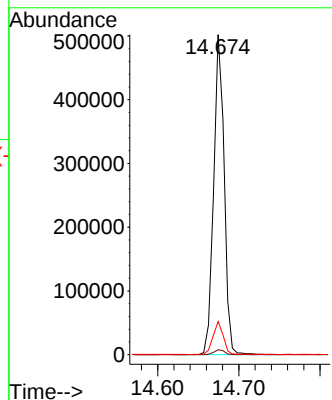
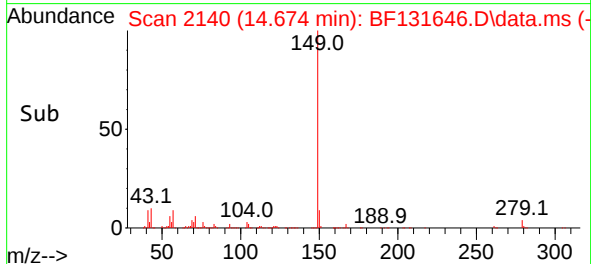
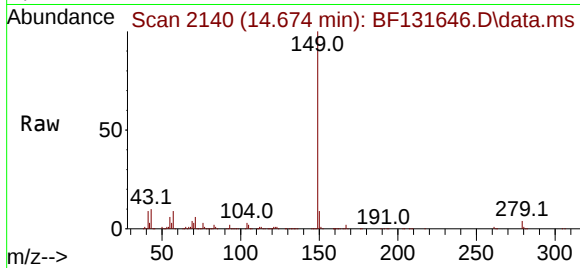




#85
Di-n-octyl phthalate
Concen: 47.751 ng
RT: 14.674 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

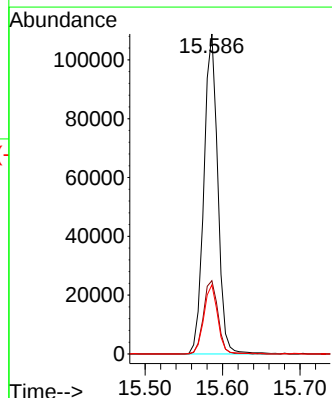
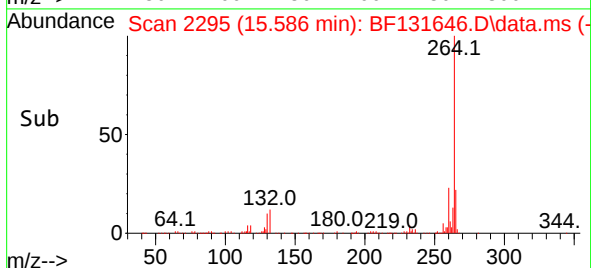
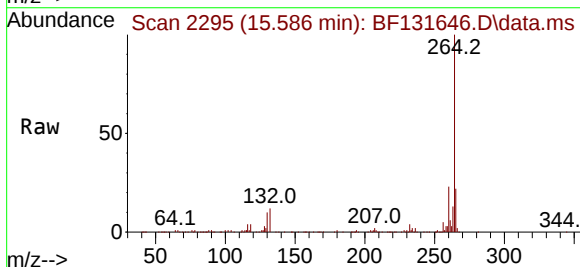
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

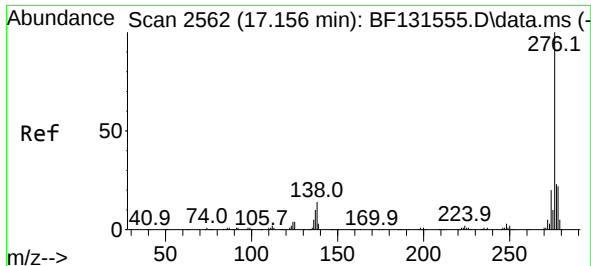
Tgt Ion:149 Resp: 449649
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:264 Resp: 135087
Ion Ratio Lower Upper
264 100
260 22.9 20.6 30.8
265 21.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.832 ng

RT: 17.115 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)MSD

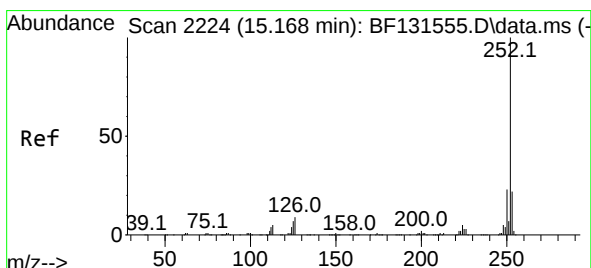
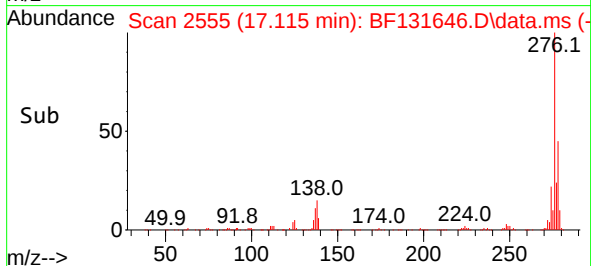
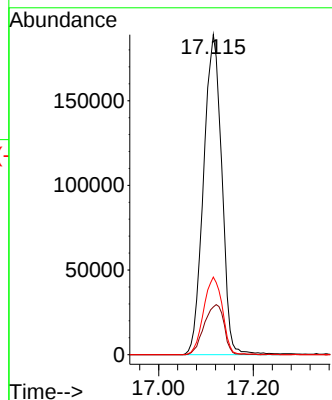
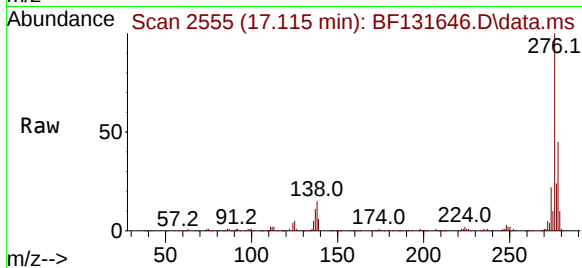
Tgt Ion:276 Resp: 505274

Ion Ratio Lower Upper

276 100

138 17.1 12.7 19.1

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.182 ng

RT: 15.145 min Scan# 2220

Delta R.T. 0.006 min

Lab File: BF131646.D

Acq: 15 Dec 2022 13:30

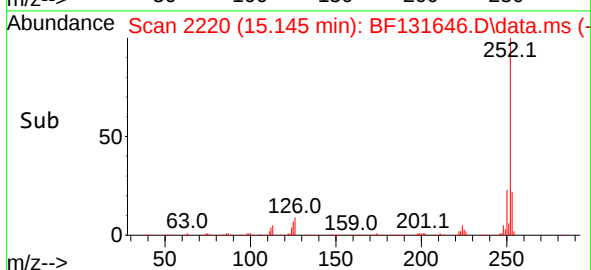
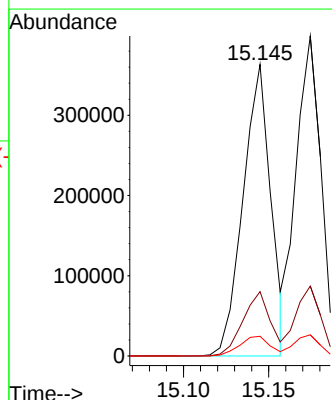
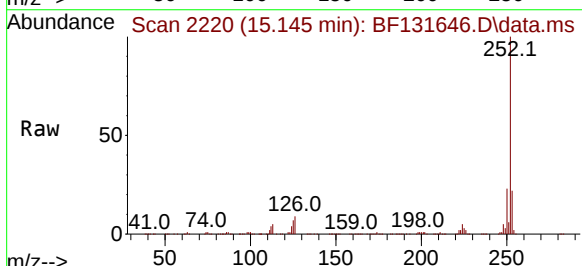
Tgt Ion:252 Resp: 411175

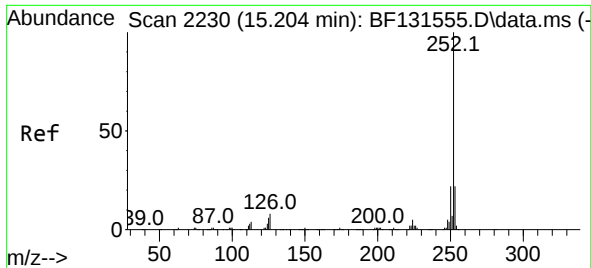
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 6.8 5.6 8.4

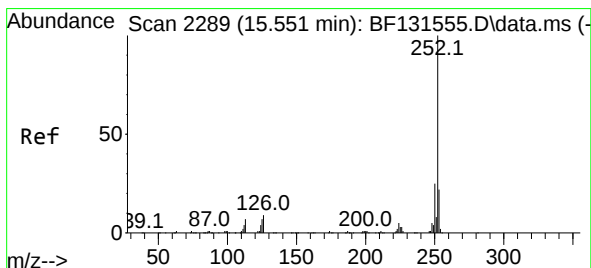
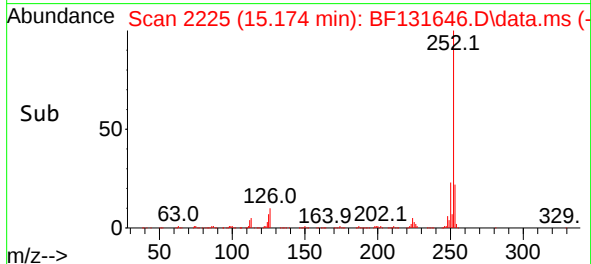
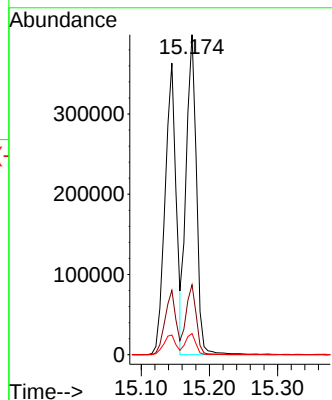
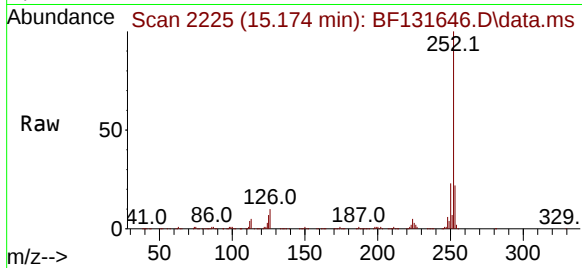




#89
Benzo(k)fluoranthene
Concen: 44.562 ng
RT: 15.174 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

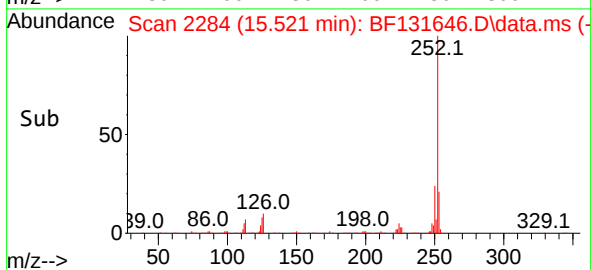
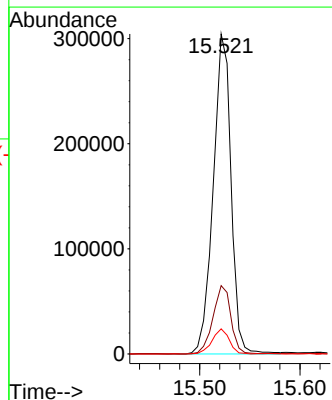
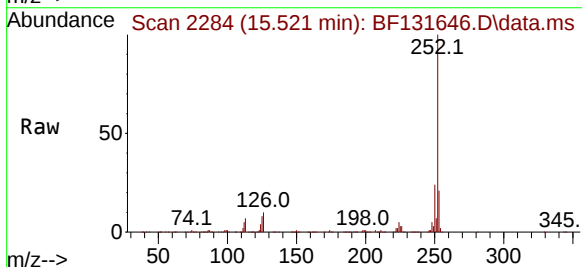
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

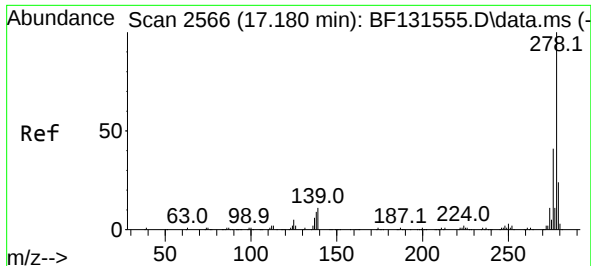
Tgt Ion:252 Resp: 414111
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 6.6 4.9 7.3



#90
Benzo(a)pyrene
Concen: 49.451 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:252 Resp: 375739
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 7.9 5.6 8.4

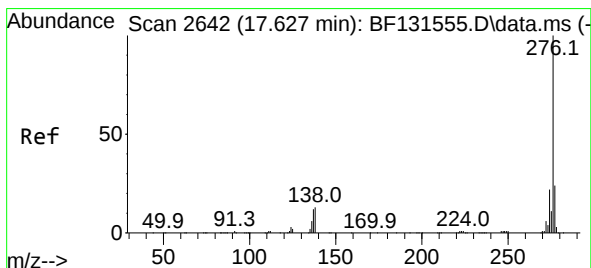
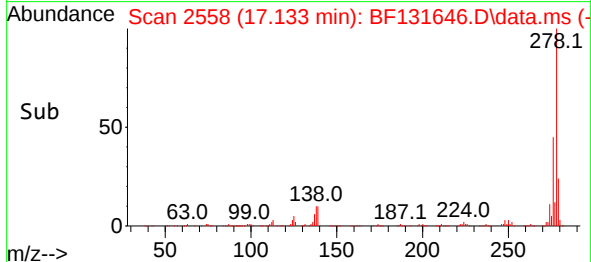
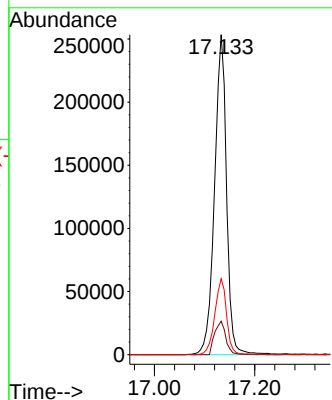
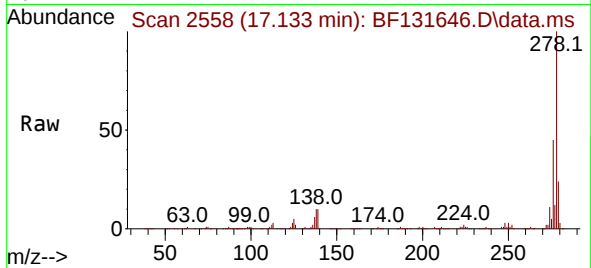




#91
Dibenzo(a,h)anthracene
Concen: 46.399 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

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

Tgt Ion:278 Resp: 420996
Ion Ratio Lower Upper
278 100
139 10.5 8.9 13.3
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 44.658 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.006 min
Lab File: BF131646.D
Acq: 15 Dec 2022 13:30

Tgt Ion:276 Resp: 407235
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 13.9 10.7 16.1

