

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131643.D
 Acq On : 15 Dec 2022 11:40
 Operator : CG\JU
 Sample : PB149637BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149637BS

Quant Time: Dec 16 01:47:21 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	84786	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	321569	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	190061	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	346304	20.000	ng	0.00
76) Chrysene-d12	14.086	240	183766	20.000	ng	0.00
86) Perylene-d12	15.586	264	160439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	639685	125.867	ng	0.02
7) Phenol-d6	6.522	99	833126	125.096	ng	0.00
23) Nitrobenzene-d5	7.457	82	570796	67.108	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	246508	116.738	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	990371	65.702	ng	0.00
79) Terphenyl-d14	13.021	244	1037042	77.392	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	77665	33.856	ng	97
3) Pyridine	3.451	79	210723	33.086	ng	98
4) n-Nitrosodimethylamine	3.428	42	126566	36.033	ng	# 85
6) Aniline	6.545	93	284159	35.676	ng	98
8) 2-Chlorophenol	6.669	128	224314	41.649	ng	93
9) Benzaldehyde	6.434	77	77971	17.090	ng	97
10) Phenol	6.533	94	320129	43.094	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	235870	42.358	ng	96
12) 1,3-Dichlorobenzene	6.822	146	240213	38.469	ng	99
13) 1,4-Dichlorobenzene	6.898	146	243978	38.736	ng	99
14) 1,2-Dichlorobenzene	7.051	146	234947	39.049	ng	98
15) Benzyl Alcohol	7.028	79	244560	40.055	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	286660	39.852	ng	100
17) 2-Methylphenol	7.139	107	201598	41.533	ng	98
18) Hexachloroethane	7.392	117	100239	39.452	ng	91
19) n-Nitroso-di-n-propyla...	7.304	70	192269	38.501	ng	93
20) 3+4-Methylphenols	7.292	107	260103	39.342	ng	# 86
22) Acetophenone	7.298	105	365163	36.237	ng	96
24) Nitrobenzene	7.475	77	303778	35.411	ng	94
25) Isophorone	7.710	82	533657	38.952	ng	98
26) 2-Nitrophenol	7.786	139	120705	41.260	ng	96
27) 2,4-Dimethylphenol	7.828	122	200124	44.631	ng	95
28) bis(2-Chloroethoxy)met...	7.922	93	290335	40.965	ng	100
29) 2,4-Dichlorophenol	8.033	162	203198	36.650	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	236919	34.845	ng	98
31) Naphthalene	8.192	128	637217	35.182	ng	100
32) Benzoic acid	7.963	122	130106	40.065	ng	98
33) 4-Chloroaniline	8.245	127	178554	26.301	ng	98
34) Hexachlorobutadiene	8.304	225	160464	33.486	ng	97
35) Caprolactam	8.627	113	32453	22.628	ng	94
36) 4-Chloro-3-methylphenol	8.733	107	238596	38.324	ng	98
37) 2-Methylnaphthalene	8.886	142	438461	35.398	ng	100
38) 1-Methylnaphthalene	8.986	142	409467	34.437	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	256070	36.396	ng	98
41) Hexachlorocyclopentadiene	9.039	237	274719	76.928	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	160019	36.771	ng	99

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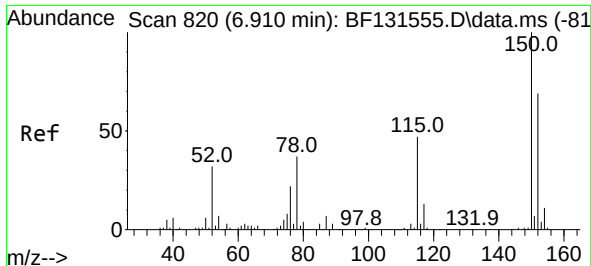
Quant Time: Dec 16 01:47:21 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	169767	36.275	ng	97
46) 1,1'-Biphenyl	9.357	154	552579	36.772	ng	98
47) 2-Chloronaphthalene	9.380	162	443078	36.189	ng	96
48) 2-Nitroaniline	9.480	65	159594	36.798	ng	93
49) Acenaphthylene	9.798	152	654561	36.411	ng	98
50) Dimethylphthalate	9.663	163	529925	36.575	ng	99
51) 2,6-Dinitrotoluene	9.727	165	116537	38.961	ng	# 81
52) Acenaphthene	9.974	154	397026	32.968	ng	99
53) 3-Nitroaniline	9.898	138	83050	28.939	ng	100
54) 2,4-Dinitrophenol	10.004	184	135386	79.116	ng	93
55) Dibenzofuran	10.145	168	619062	36.381	ng	100
56) 4-Nitrophenol	10.069	139	158658	79.581	ng	# 84
57) 2,4-Dinitrotoluene	10.133	165	155521	39.196	ng	99
58) Fluorene	10.492	166	487668	35.253	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.221	232	135540	34.200	ng	97
60) Diethylphthalate	10.363	149	501279	36.053	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	269243	35.220	ng	99
62) 4-Nitroaniline	10.521	138	107243	37.710	ng	90
63) Azobenzene	10.645	77	551312	34.765	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	88596	40.392	ng	97
66) n-Nitrosodiphenylamine	10.604	169	416299	37.184	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	159775	35.865	ng	97
68) Hexachlorobenzene	11.039	284	174948	36.306	ng	98
69) Atrazine	11.133	200	150914	42.448	ng	97
70) Pentachlorophenol	11.233	266	184127	74.223	ng	99
71) Phenanthrene	11.457	178	705942	36.572	ng	100
72) Anthracene	11.510	178	707573	37.678	ng	100
73) Carbazole	11.668	167	597769	38.996	ng	100
74) Di-n-butylphthalate	11.992	149	719643	38.267	ng	100
75) Fluoranthene	12.651	202	728159	36.634	ng	99
77) Benzidine	12.774	184	151675	30.804	ng	97
78) Pyrene	12.880	202	723177	39.910	ng	99
80) Butylbenzylphthalate	13.498	149	217928	41.558	ng	99
81) Benzo(a)anthracene	14.074	228	488901	36.840	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	137866	36.513	ng	95
83) Chrysene	14.109	228	462938	36.693	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	235888	33.966	ng	98
85) Di-n-octyl phthalate	14.674	149	340004	31.106	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	511226	39.044	ng	99
88) Benzo(b)fluoranthene	15.145	252	438002	41.422	ng	99
89) Benzo(k)fluoranthene	15.174	252	432103	39.150	ng	98
90) Benzo(a)pyrene	15.521	252	390877	43.315	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	440464	40.874	ng	99
92) Benzo(g,h,i)perylene	17.580	276	433339	40.011	ng	98

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

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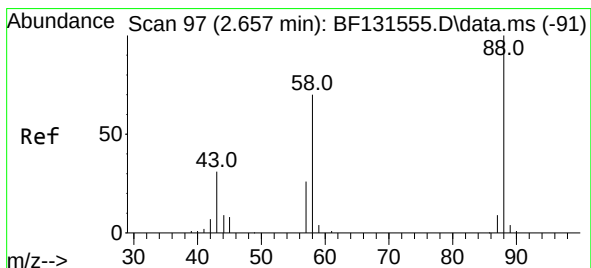
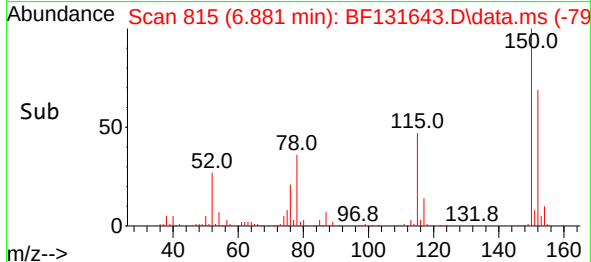
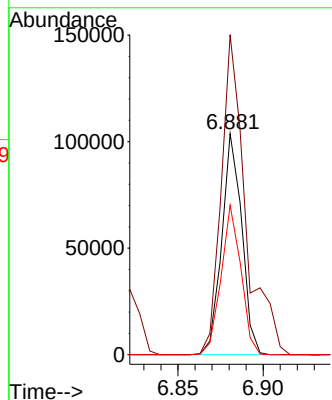
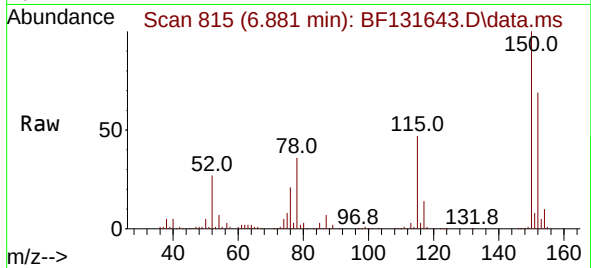




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

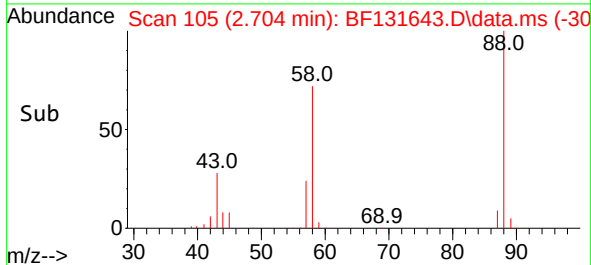
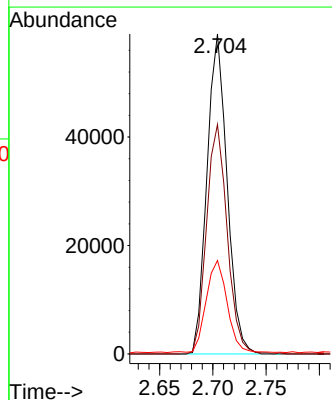
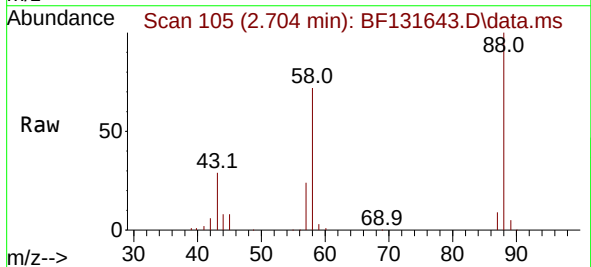
Instrument :
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 PB149637BS

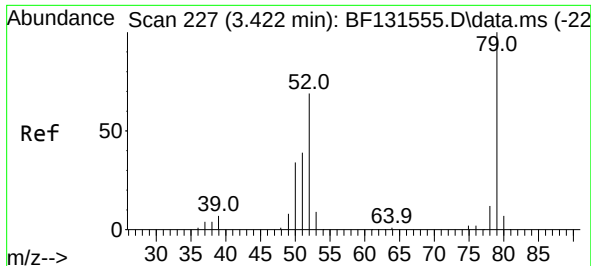
Tgt Ion:152 Resp: 84786
 Ion Ratio Lower Upper
 152 100
 150 144.8 116.7 175.1
 115 67.7 54.6 82.0



#2
 1,4-Dioxane
 Concen: 33.856 ng
 RT: 2.704 min Scan# 105
 Delta R.T. 0.094 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

Tgt Ion: 88 Resp: 77665
 Ion Ratio Lower Upper
 88 100
 58 73.1 60.0 90.0
 43 30.5 26.7 40.1





#3

Pyridine

Concen: 33.086 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

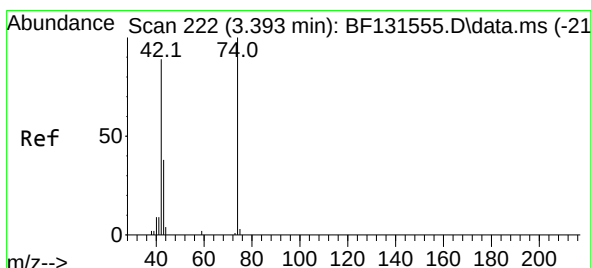
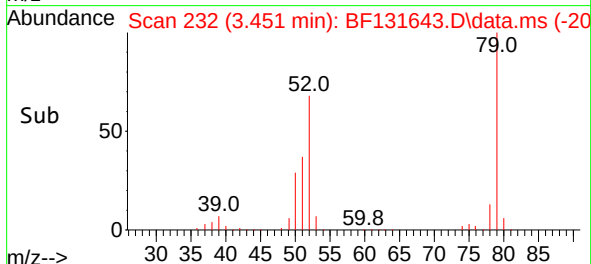
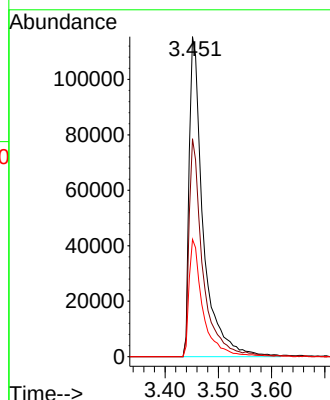
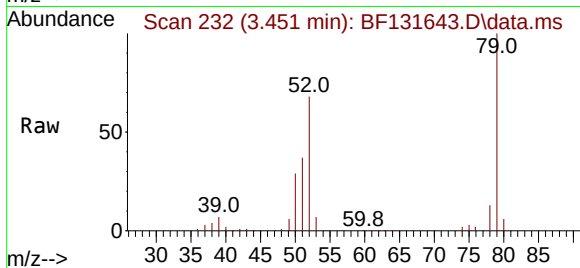
Tgt Ion: 79 Resp: 210723

Ion Ratio Lower Upper

79 100

52 68.1 55.0 82.6

51 36.7 31.4 47.2



#4

n-Nitrosodimethylamine

Concen: 36.033 ng

RT: 3.428 min Scan# 228

Delta R.T. 0.088 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

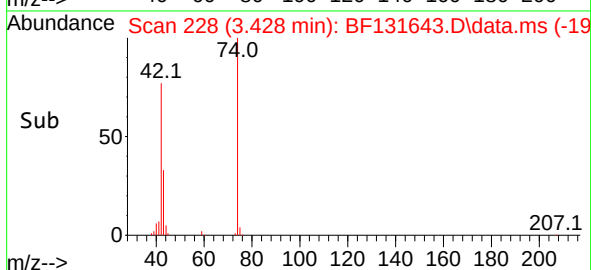
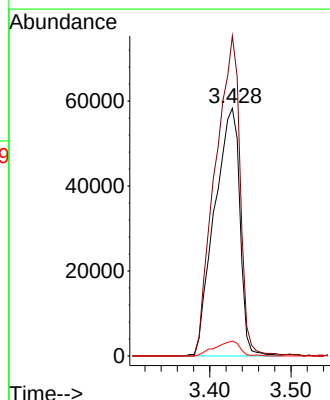
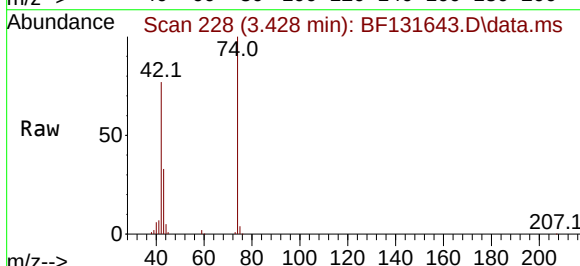
Tgt Ion: 42 Resp: 126566

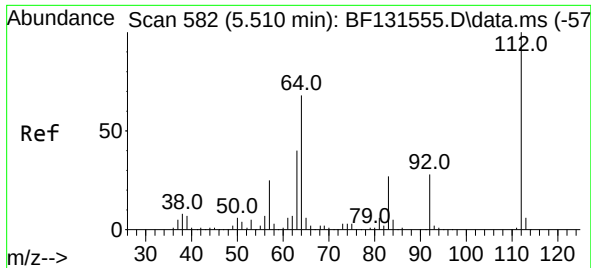
Ion Ratio Lower Upper

42 100

74 129.2 90.2 135.2

44 6.0 3.7 5.5#

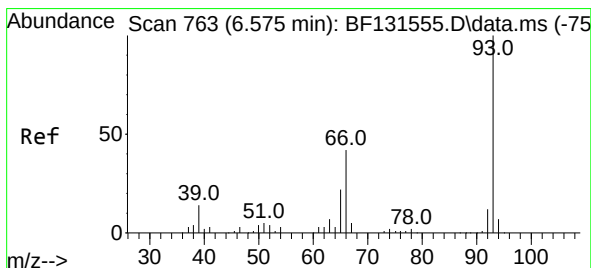
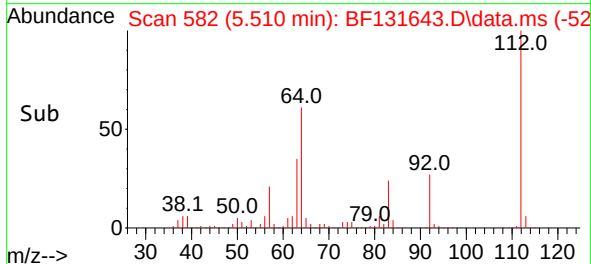
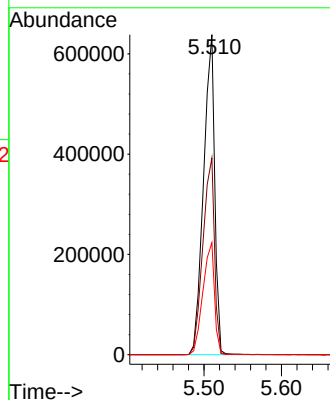
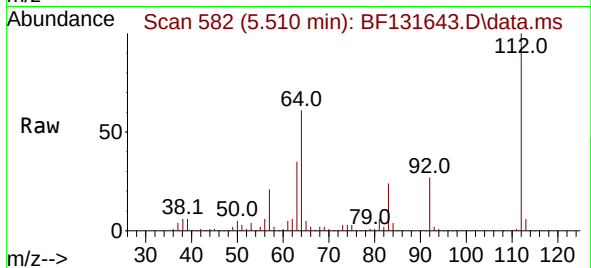




#5
2-Fluorophenol
Concen: 125.867 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

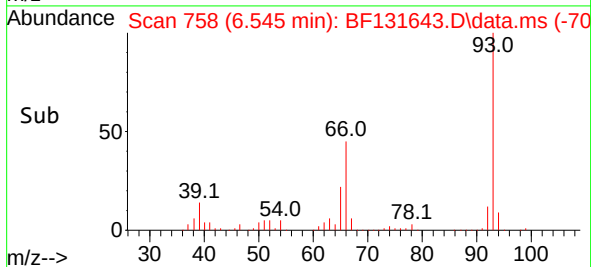
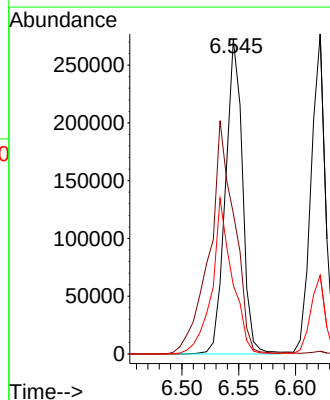
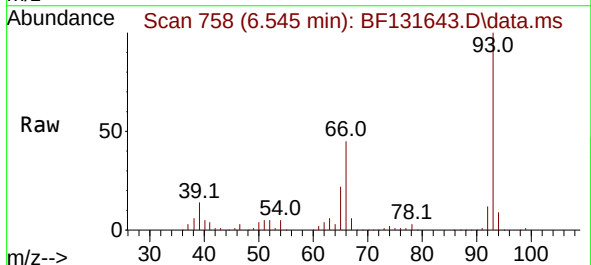
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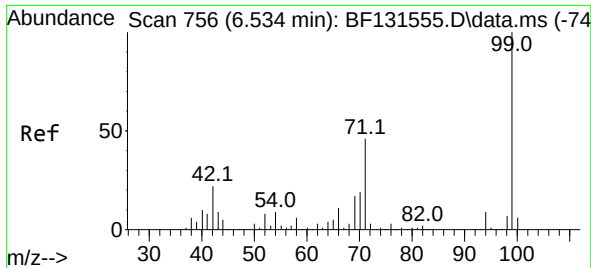
Tgt Ion:112 Resp: 639685
Ion Ratio Lower Upper
112 100
64 61.5 54.5 81.7
63 35.0 31.9 47.9



#6
Aniline
Concen: 35.676 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion: 93 Resp: 284159
Ion Ratio Lower Upper
93 100
66 44.7 34.6 51.8
65 21.8 17.7 26.5

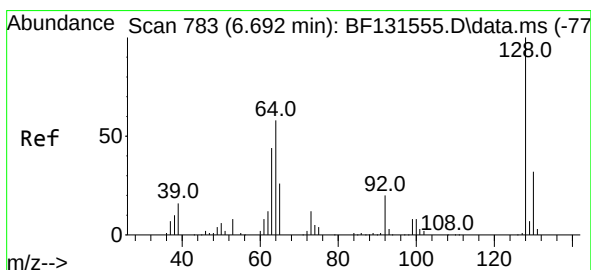
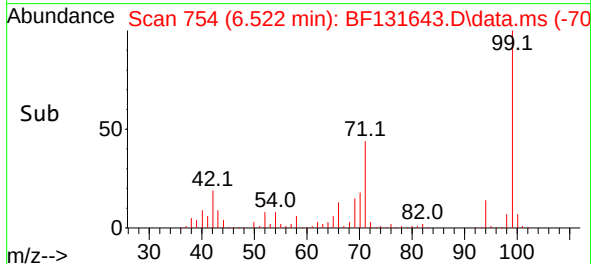
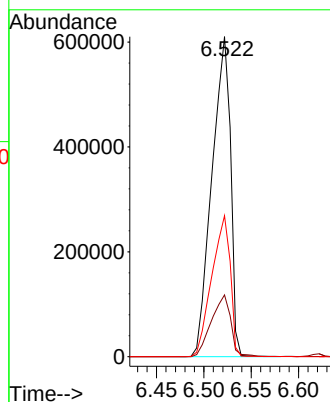
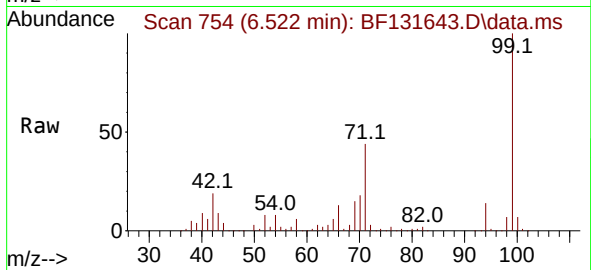




#7
Phenol-d6
Concen: 125.096 ng
RT: 6.522 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

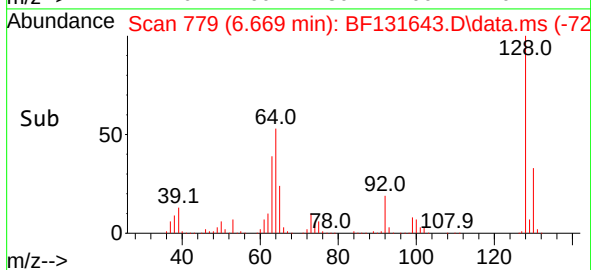
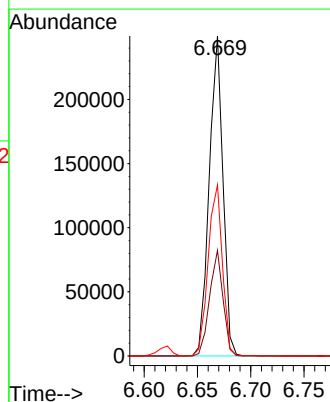
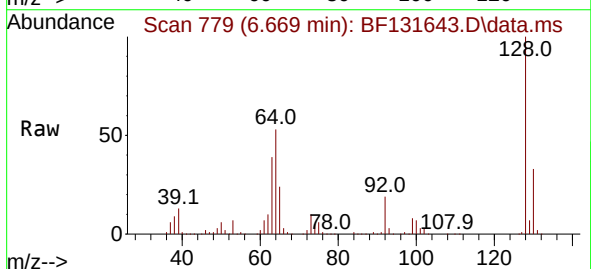
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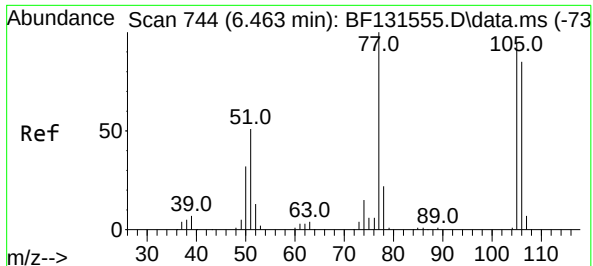
Tgt Ion: 99 Resp: 833126
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 44.0 37.2 55.8



#8
2-Chlorophenol
Concen: 41.649 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:128 Resp: 224314
Ion Ratio Lower Upper
128 100
130 33.0 11.6 51.6
64 53.4 40.6 80.6

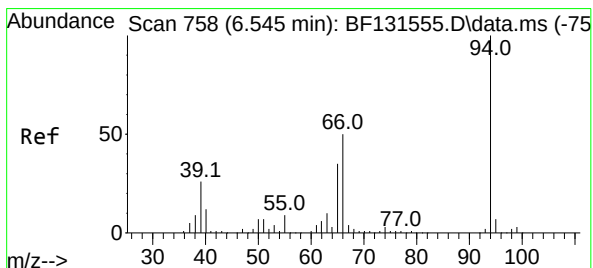
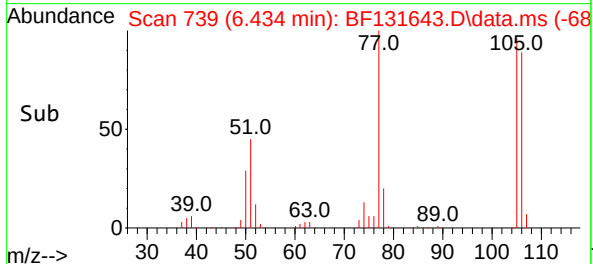
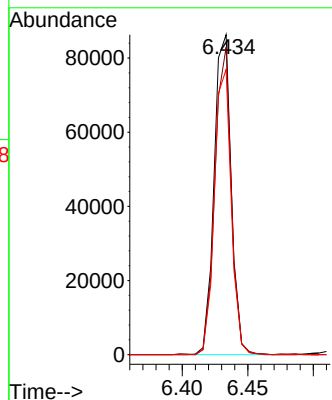
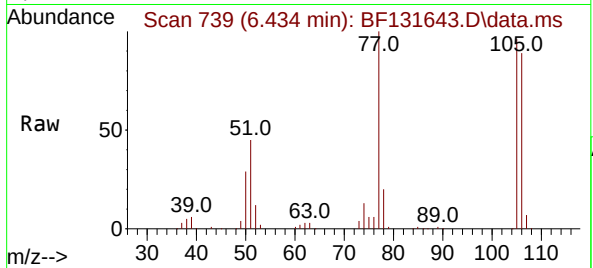




#9
Benzaldehyde
Concen: 17.090 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

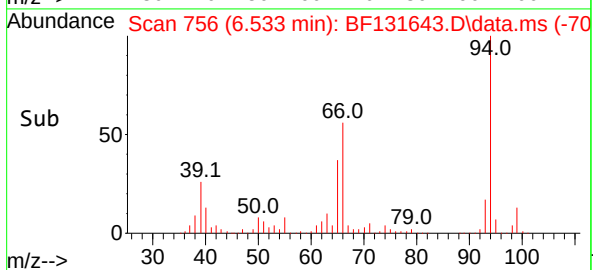
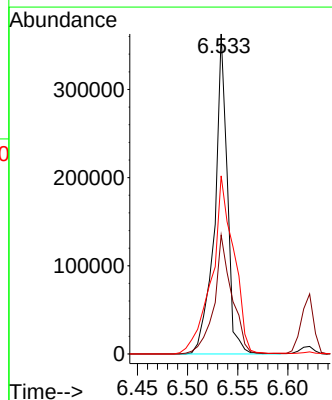
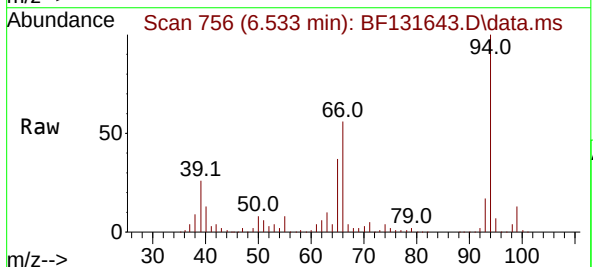
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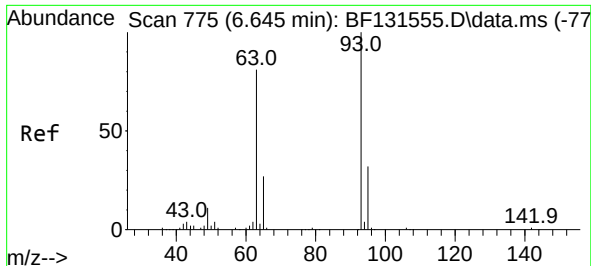
Tgt Ion:	77	Resp:	77971
Ion	Ratio	Lower	Upper
77	100		
105	96.1	73.8	113.8
106	89.1	65.2	105.2



#10
Phenol
Concen: 43.094 ng
RT: 6.533 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:	94	Resp:	320129
Ion	Ratio	Lower	Upper
94	100		
65	37.1	14.8	54.8
66	55.6	30.8	70.8





#11

bis(2-Chloroethyl)ether

Concen: 42.358 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

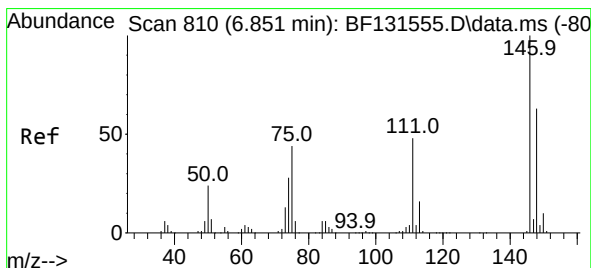
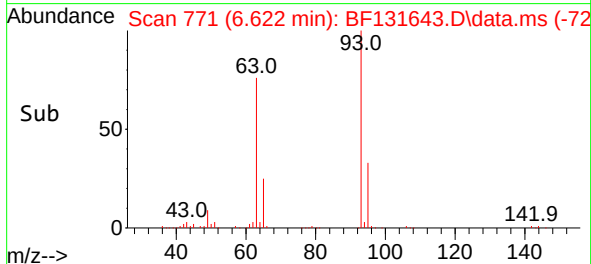
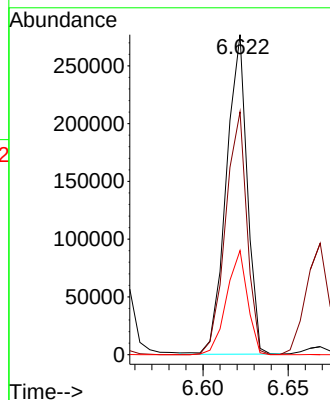
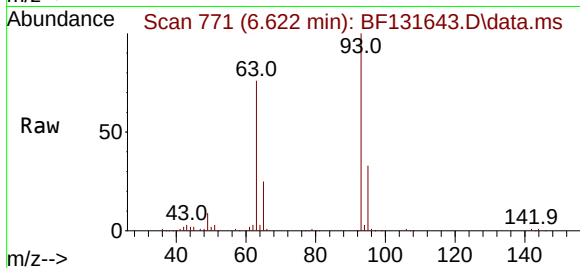
Tgt Ion: 93 Resp: 235870

Ion Ratio Lower Upper

93 100

63 75.9 60.4 100.4

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.469 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

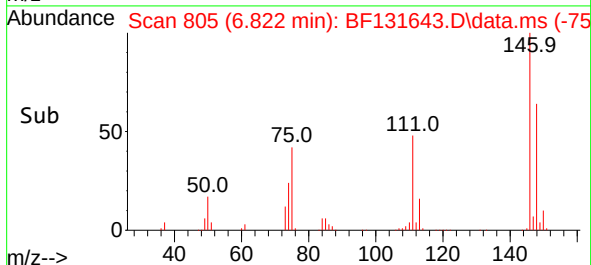
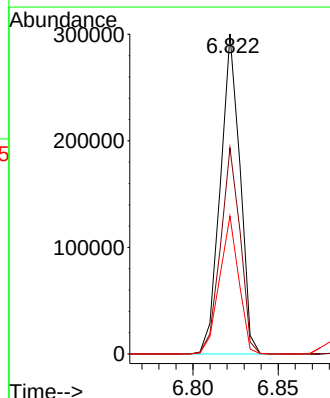
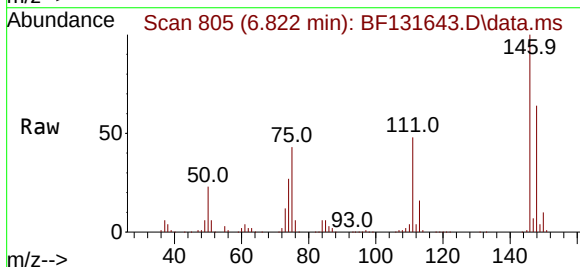
Tgt Ion: 146 Resp: 240213

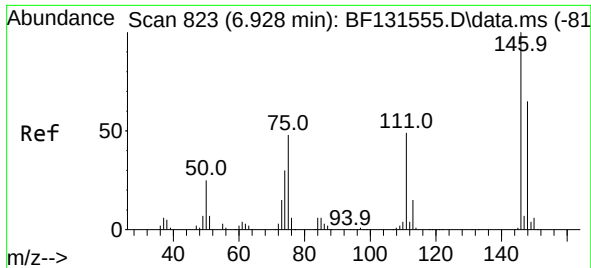
Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

75 43.1 35.1 52.7

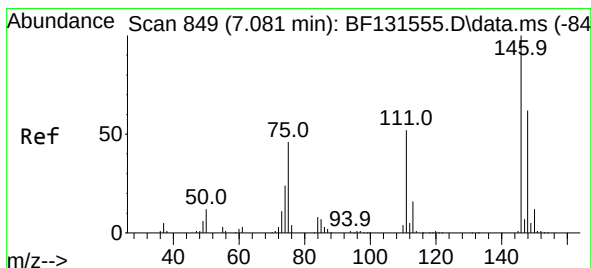
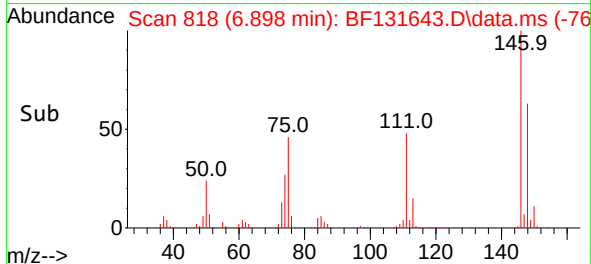
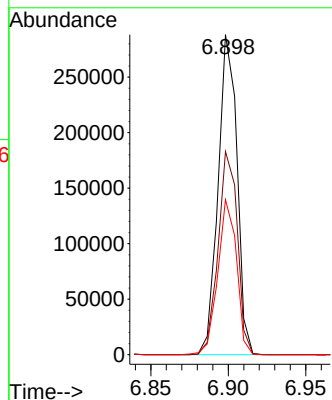
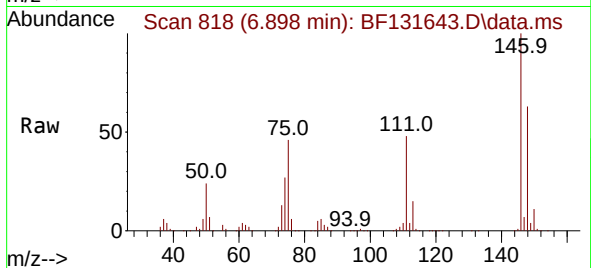




#13
1,4-Dichlorobenzene
Concen: 38.736 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

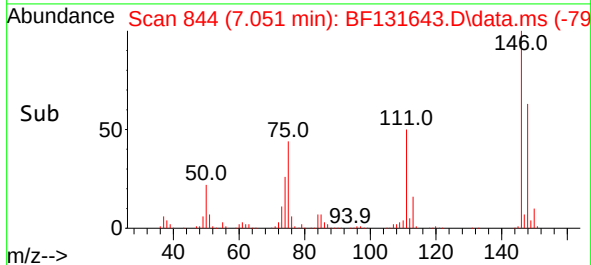
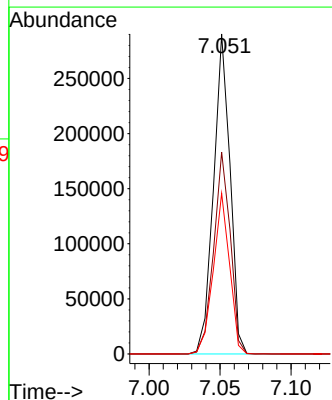
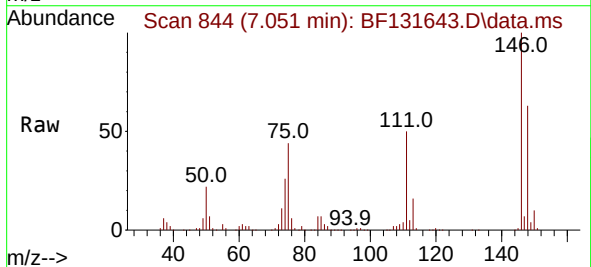
Instrument :
BNA_F
ClientSampleId :
PB149637BS

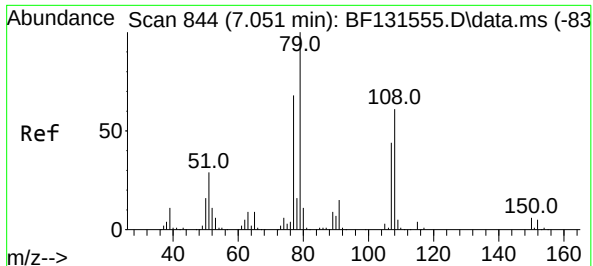
Tgt Ion:146 Resp: 243978
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 48.5 38.9 58.3



#14
1,2-Dichlorobenzene
Concen: 39.049 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:146 Resp: 234947
Ion Ratio Lower Upper
146 100
148 63.1 49.9 74.9
111 50.2 41.8 62.6





#15

Benzyl Alcohol

Concen: 40.055 ng

RT: 7.028 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

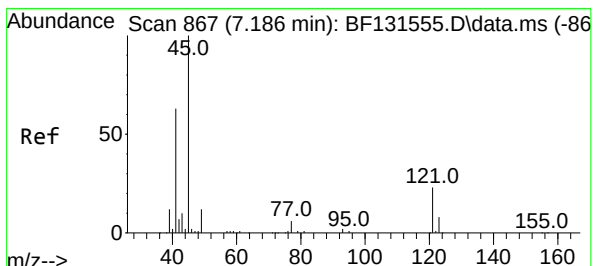
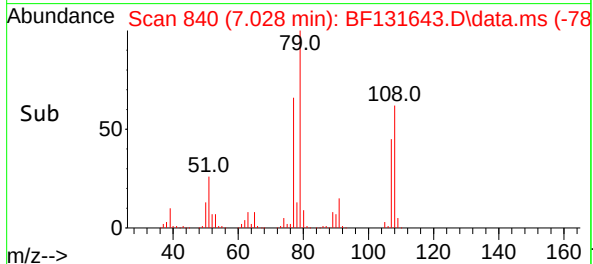
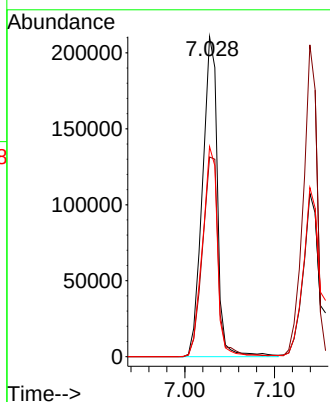
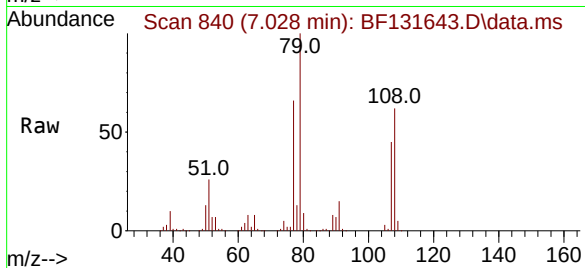
Tgt Ion: 79 Resp: 244560

Ion Ratio Lower Upper

79 100

108 62.4 49.2 73.8

77 65.7 54.5 81.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.852 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

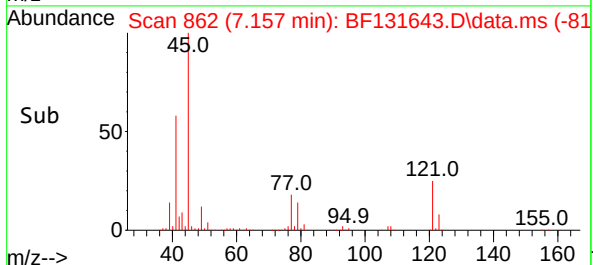
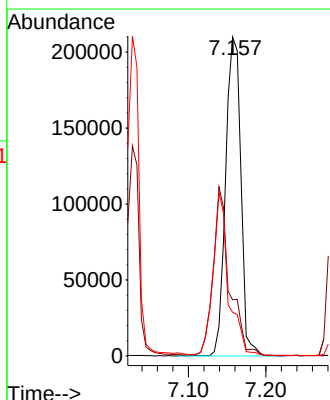
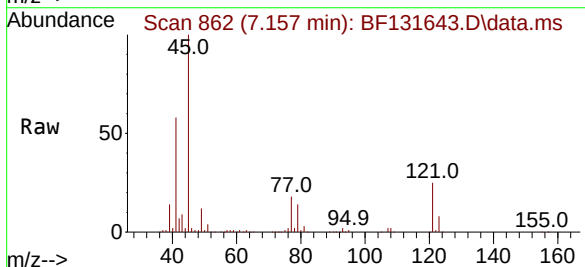
Tgt Ion: 45 Resp: 286660

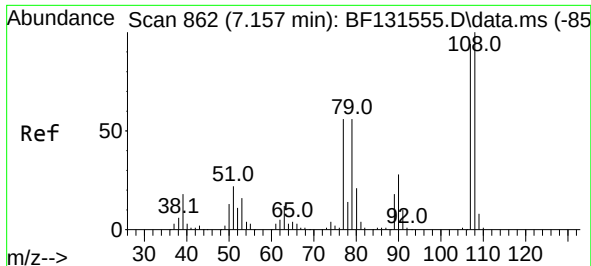
Ion Ratio Lower Upper

45 100

77 17.6 0.0 37.7

79 13.7 0.0 33.6

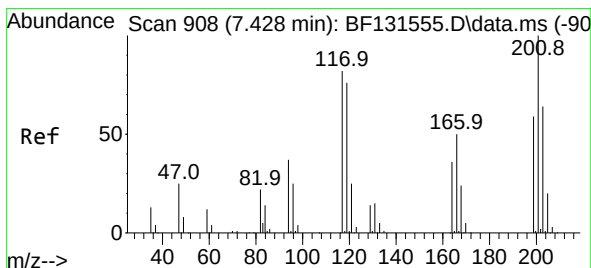
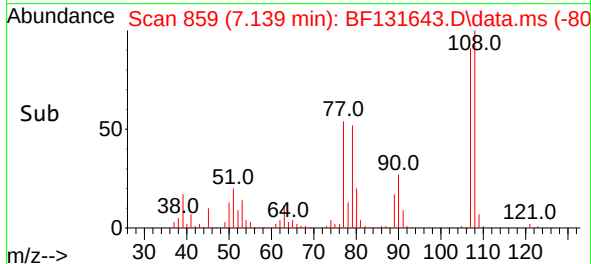
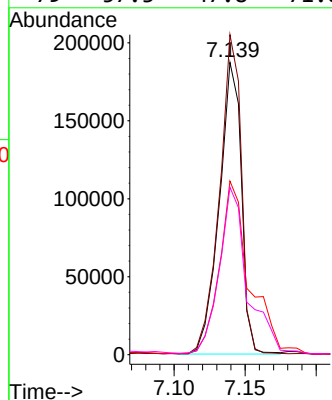
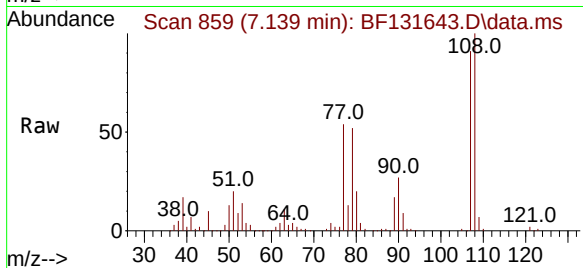




#17
2-Methylphenol
Concen: 41.533 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

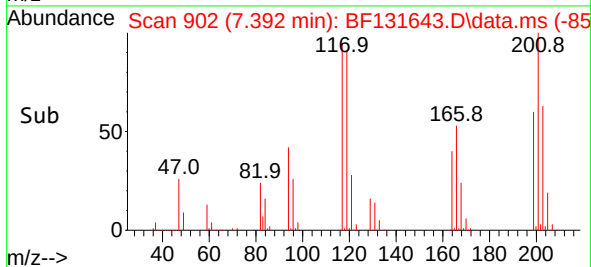
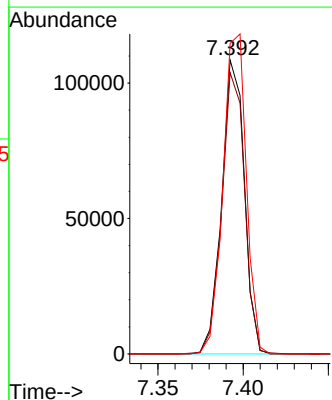
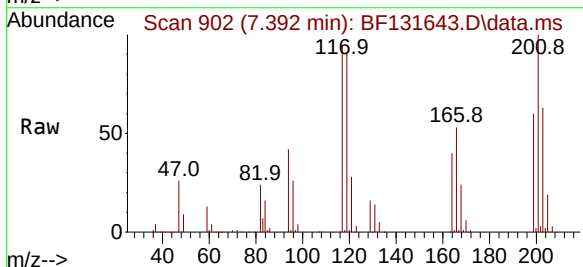
Instrument :
BNA_F
ClientSampleId :
PB149637BS

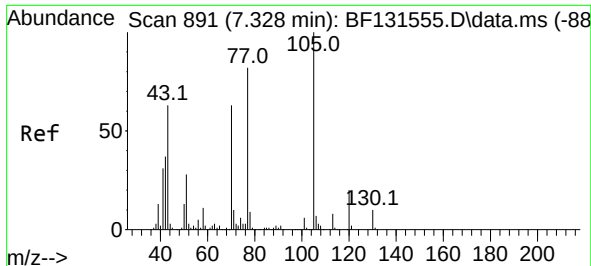
Tgt Ion:	107	Resp:	201598
Ion	Ratio	Lower	Upper
107	100		
108	109.5	85.5	128.3
77	59.4	48.2	72.4
79	57.3	47.8	71.8



#18
Hexachloroethane
Concen: 39.452 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:	117	Resp:	100239
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.4
201	105.7	98.0	147.0

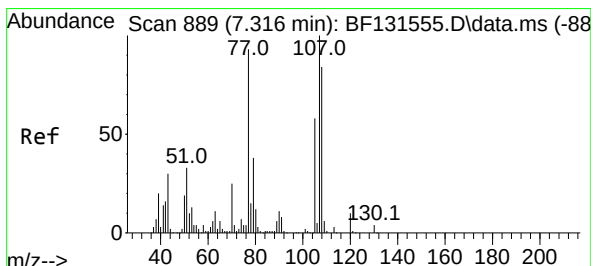
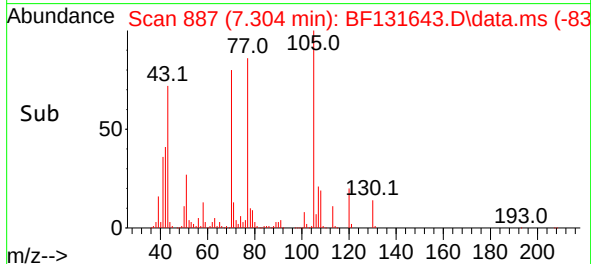
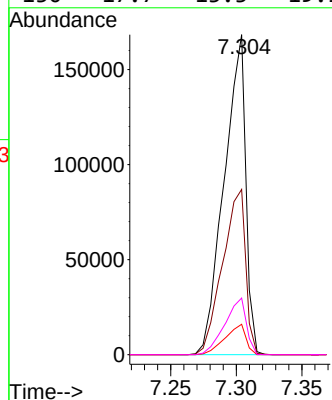
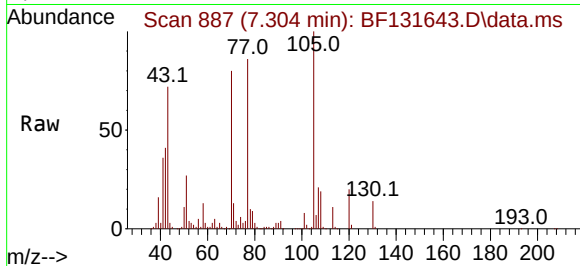




#19
n-Nitroso-di-n-propylamine
Concen: 38.501 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

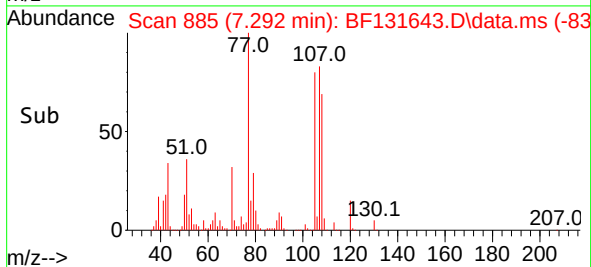
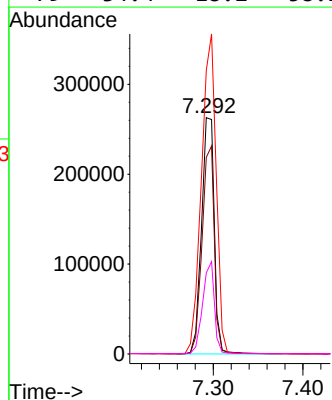
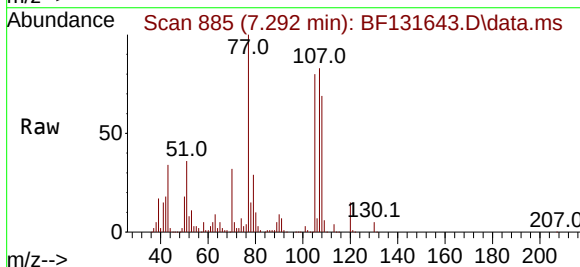
Instrument :
BNA_F
ClientSampleId :
PB149637BS

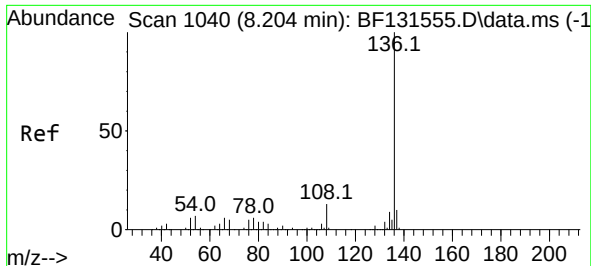
Tgt Ion: 70 Resp: 192269
Ion Ratio Lower Upper
70 100
42 51.6 46.4 69.6
101 9.5 7.2 10.8
130 17.7 13.3 19.9



#20
3+4-Methylphenols
Concen: 39.342 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion: 107 Resp: 260103
Ion Ratio Lower Upper
107 100
108 83.1 64.0 104.0
77 119.9 73.1 113.1#
79 34.4 18.2 58.2

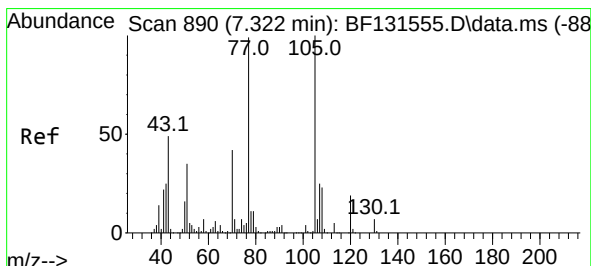
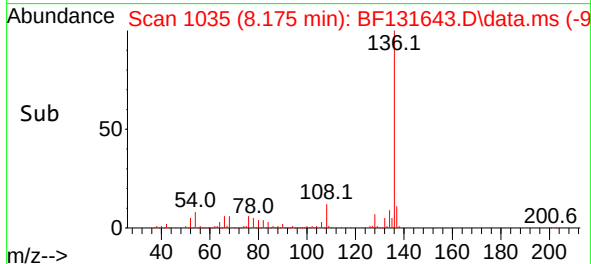
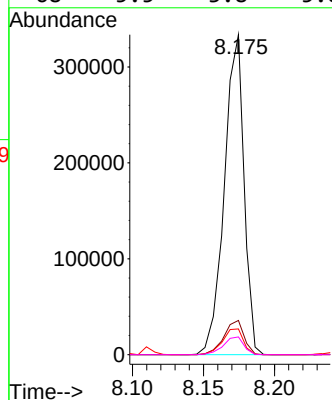
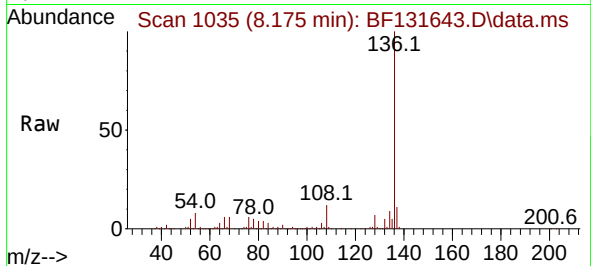




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

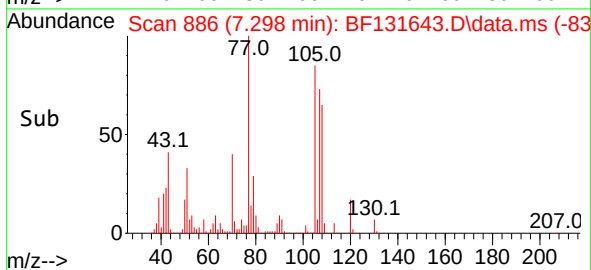
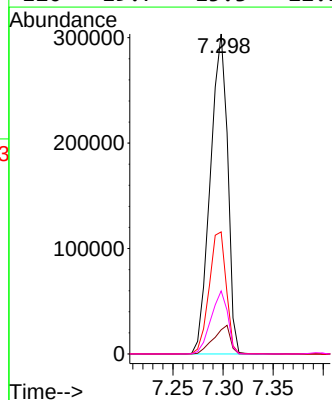
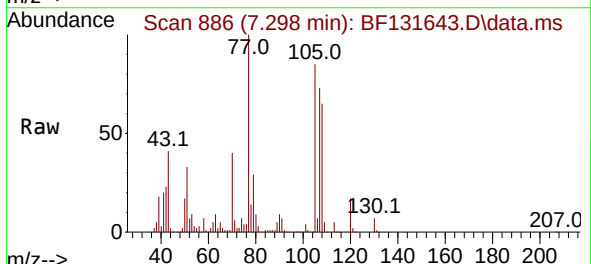
Instrument :
BNA_F
ClientSampleId :
PB149637BS

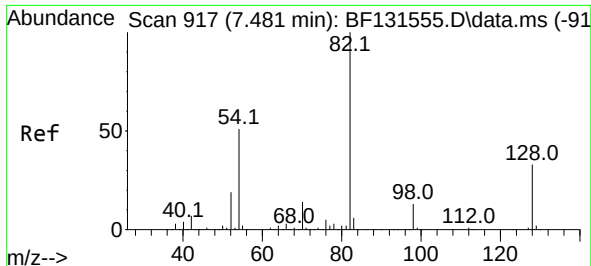
Tgt Ion:136 Resp: 321569
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 8.1 6.0 9.0
68 5.5 3.8 5.8



#22
Acetophenone
Concen: 36.237 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:105 Resp: 365163
Ion Ratio Lower Upper
105 100
71 7.5 5.4 8.0
51 38.2 27.8 41.6
120 19.7 15.3 22.9

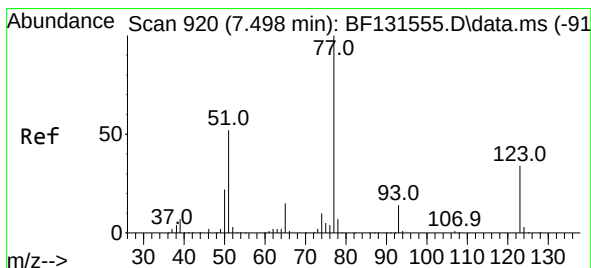
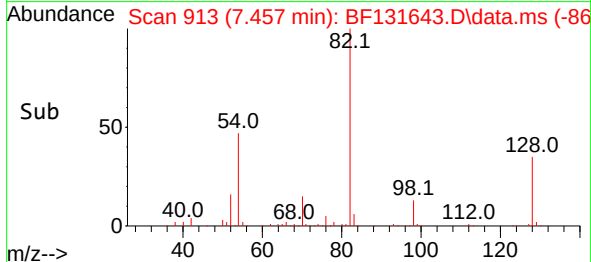
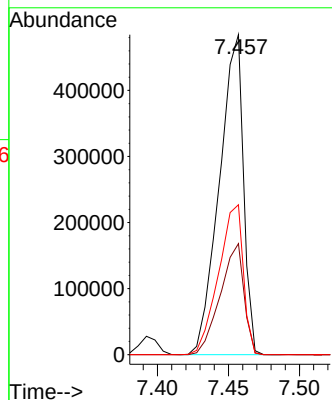
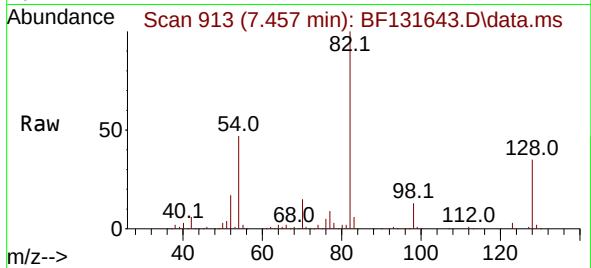




#23
Nitrobenzene-d5
Concen: 67.108 ng
RT: 7.457 min Scan# 916
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

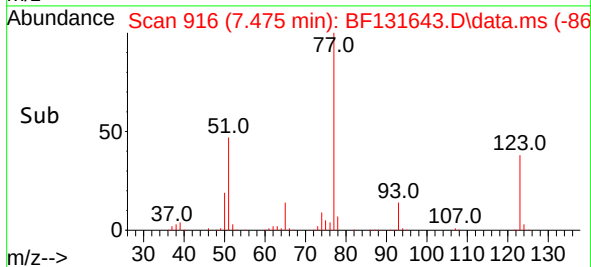
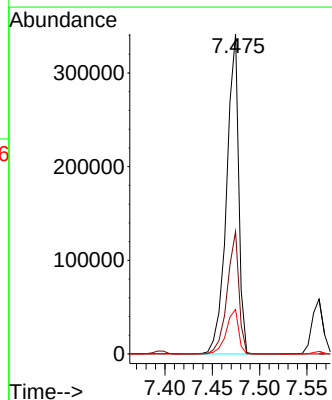
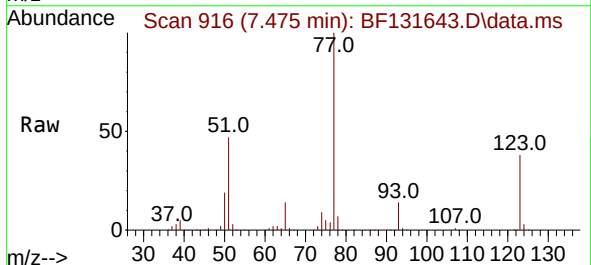
Instrument :
BNA_F
ClientSampleId :
PB149637BS

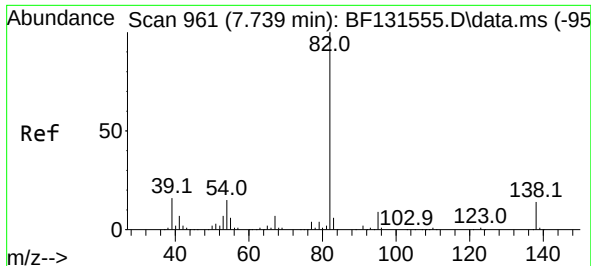
Tgt Ion: 82 Resp: 570796
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 46.8 40.6 60.8



#24
Nitrobenzene
Concen: 35.411 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion: 77 Resp: 303778
Ion Ratio Lower Upper
77 100
123 38.3 27.1 40.7
65 13.9 11.9 17.9

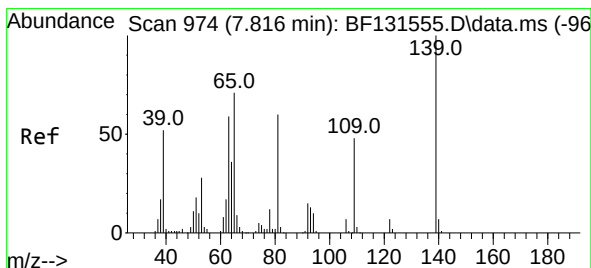
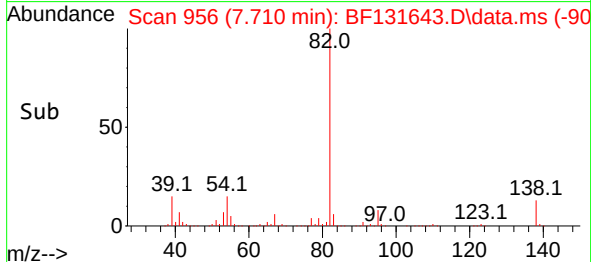
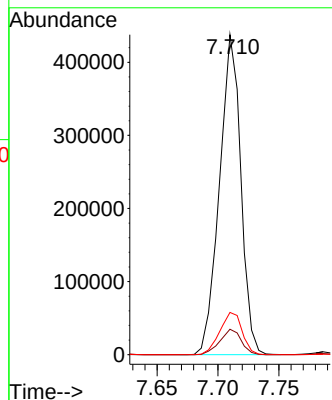
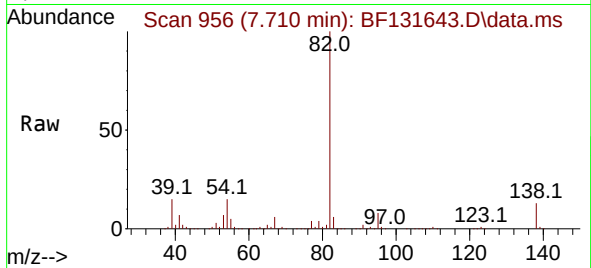




#25
Isophorone
Concen: 38.952 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

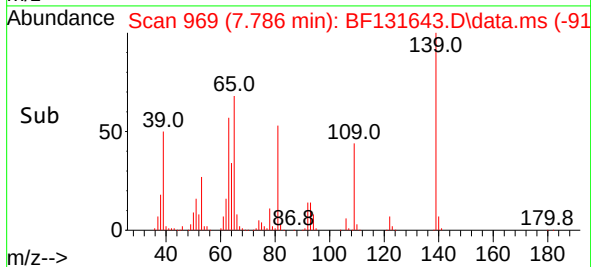
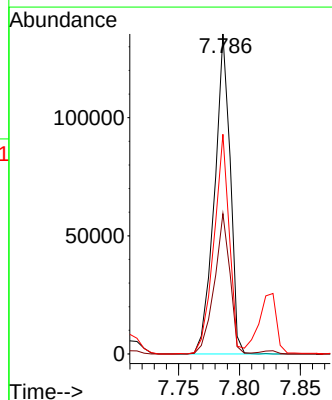
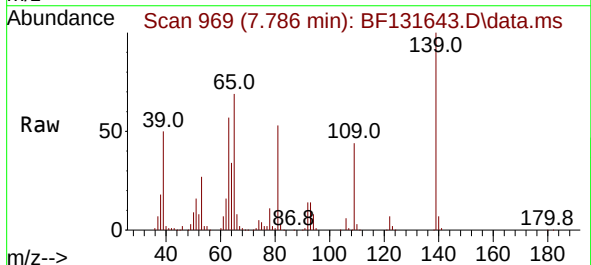
Instrument :
BNA_F
ClientSampleId :
PB149637BS

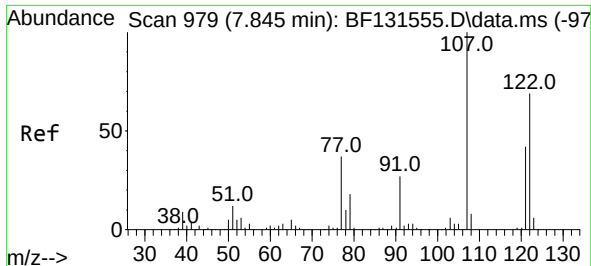
Tgt Ion: 82 Resp: 533657
Ion Ratio Lower Upper
82 100
95 8.0 6.9 10.3
138 13.2 11.4 17.0



#26
2-Nitrophenol
Concen: 41.260 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion: 139 Resp: 120705
Ion Ratio Lower Upper
139 100
109 43.8 38.6 58.0
65 68.7 56.5 84.7

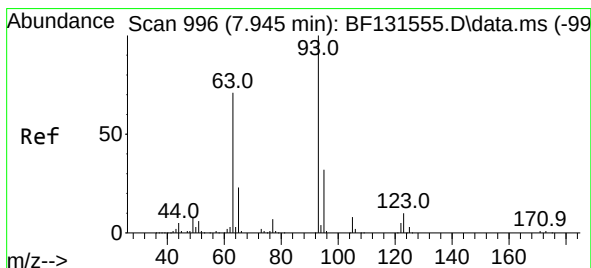
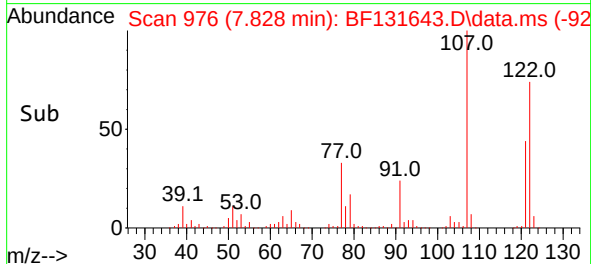
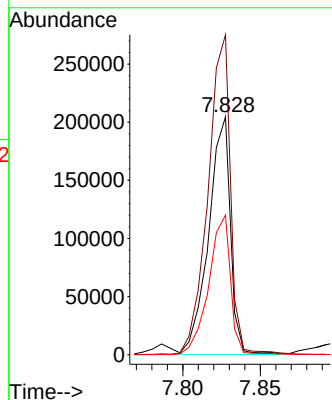
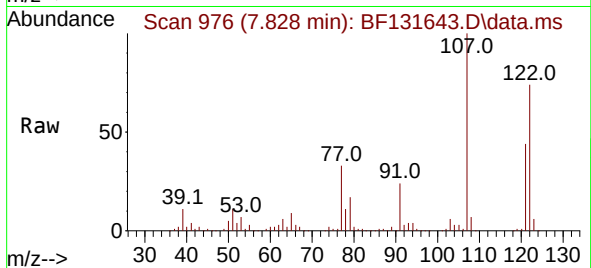




#27
2,4-Dimethylphenol
Concen: 44.631 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

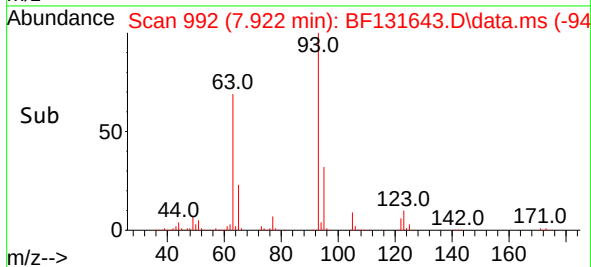
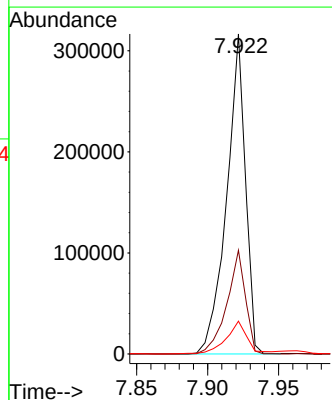
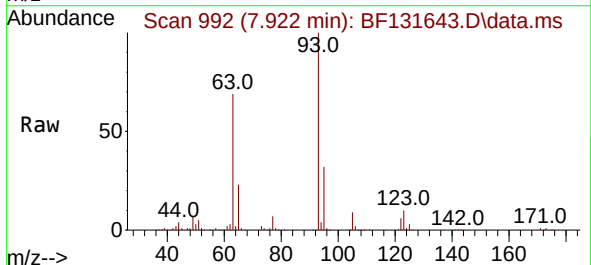
Instrument :
BNA_F
ClientSampleId :
PB149637BS

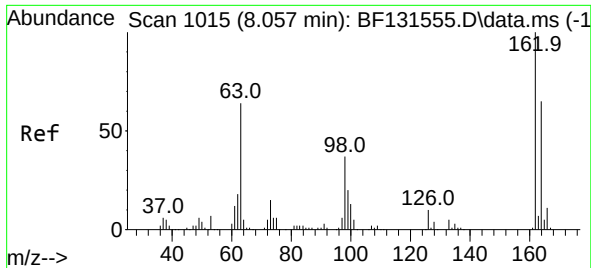
Tgt Ion:122 Resp: 200124
Ion Ratio Lower Upper
122 100
107 134.6 114.2 171.2
121 58.8 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.965 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion: 93 Resp: 290335
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 10.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 36.650 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

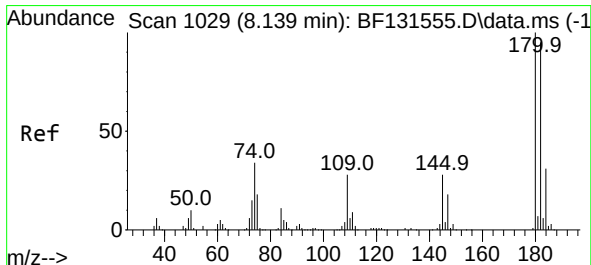
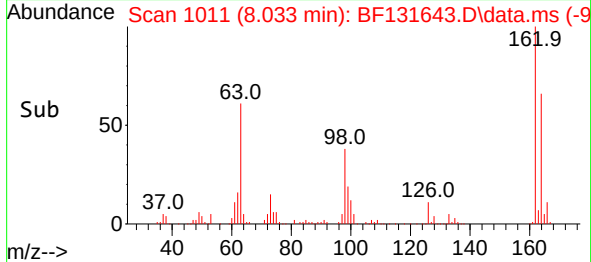
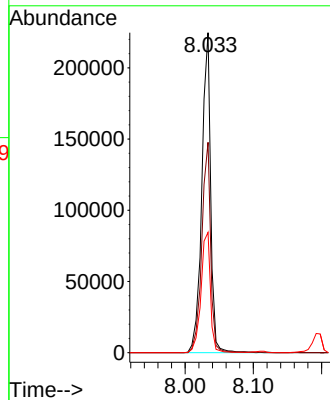
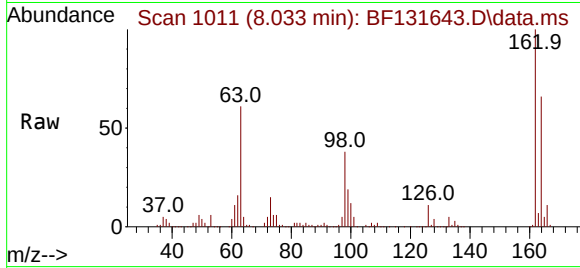
Tgt Ion:162 Resp: 203198

Ion Ratio Lower Upper

162 100

164 65.7 45.0 85.0

98 37.6 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 34.845 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

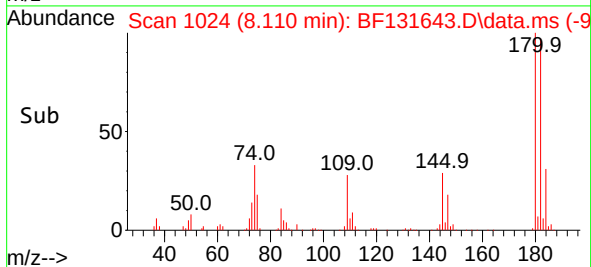
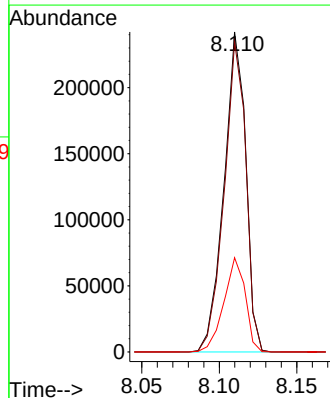
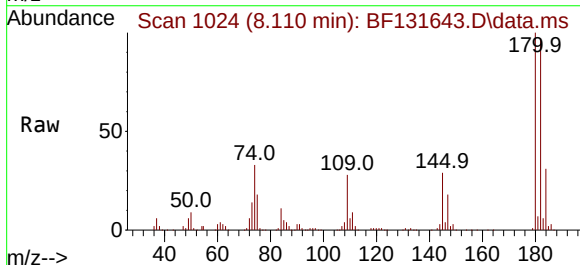
Tgt Ion:180 Resp: 236919

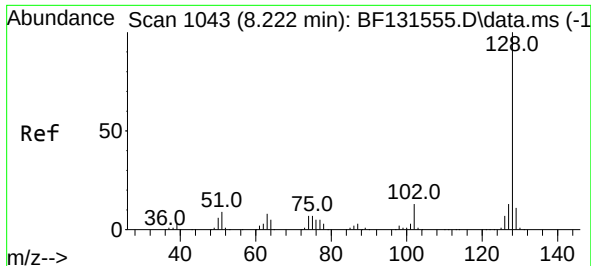
Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.6

145 29.4 22.4 33.6





#31

Naphthalene

Concen: 35.182 ng

RT: 8.192 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

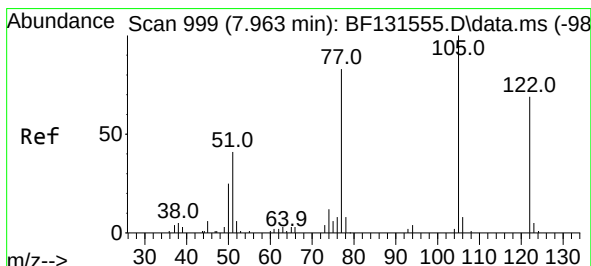
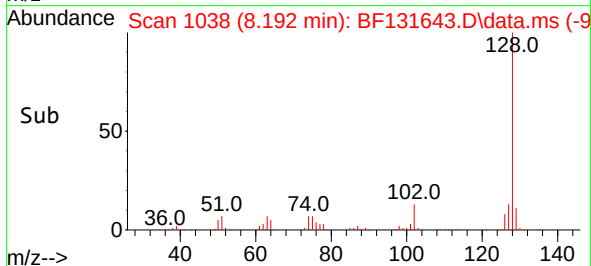
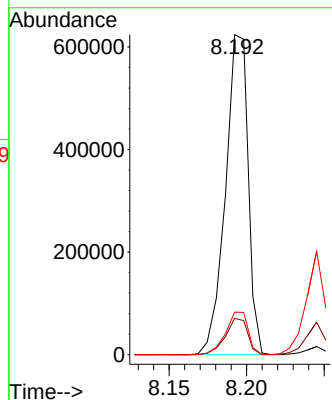
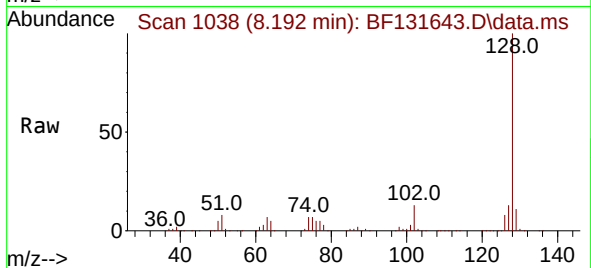
Tgt Ion:128 Resp: 637217

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 40.065 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.012 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

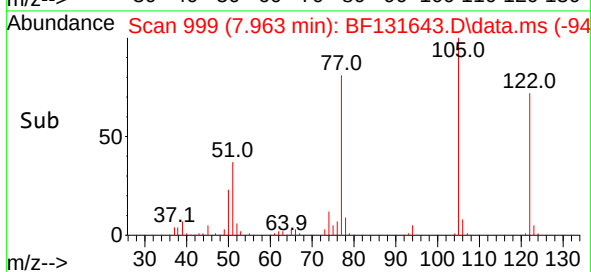
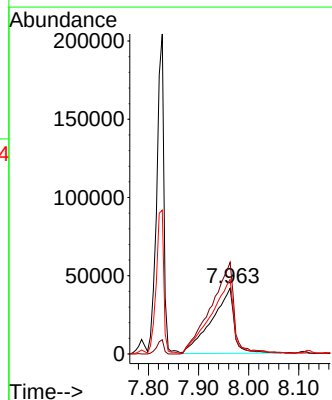
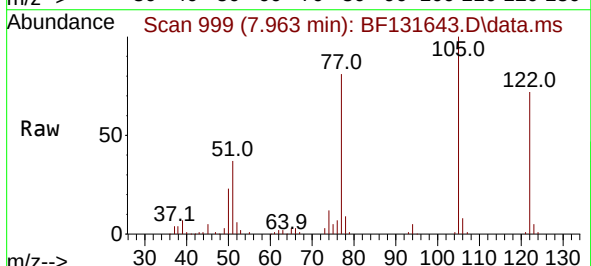
Tgt Ion:122 Resp: 130106

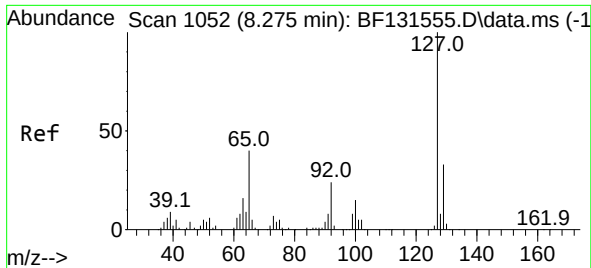
Ion Ratio Lower Upper

122 100

105 139.4 119.8 159.8

77 113.2 97.6 137.6



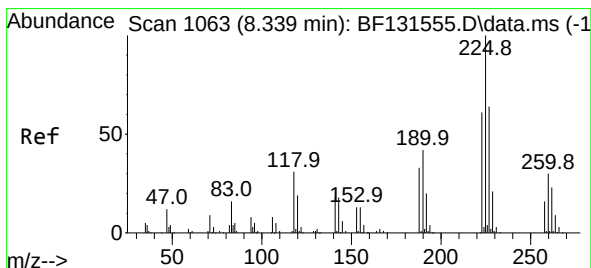
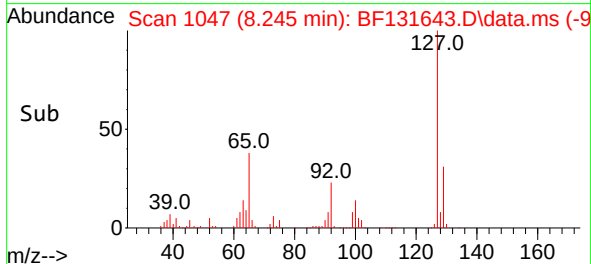
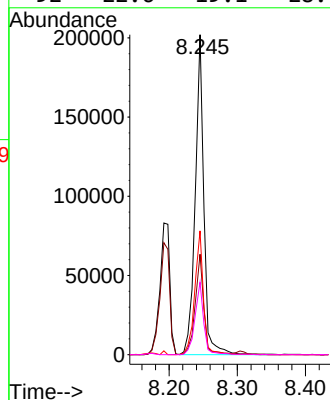
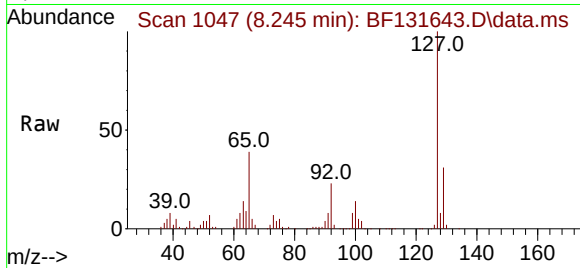


#33
4-Chloroaniline
Concen: 26.301 ng
RT: 8.245 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Instrument :
BNA_F
ClientSampleId :
PB149637BS

Tgt Ion:127 Resp: 178554

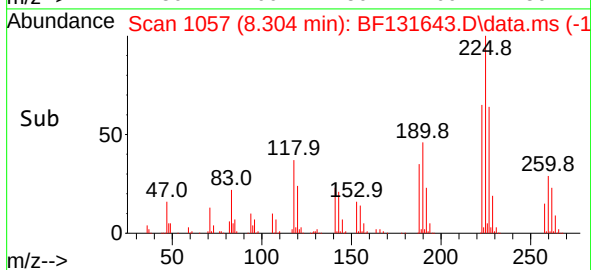
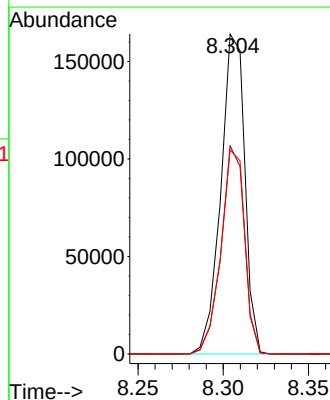
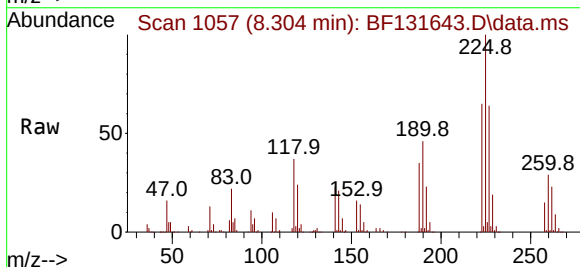
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.4	39.6
65	38.7	31.9	47.9
92	22.6	19.1	28.7

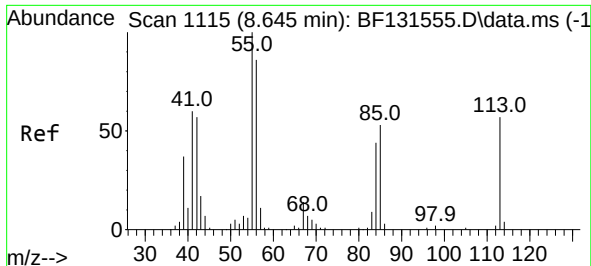


#34
Hexachlorobutadiene
Concen: 33.486 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:225 Resp: 160464

Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.7	73.1
227	63.8	51.0	76.6

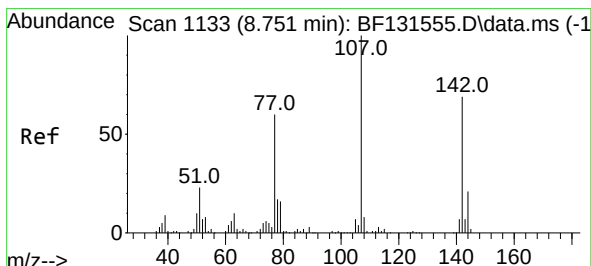
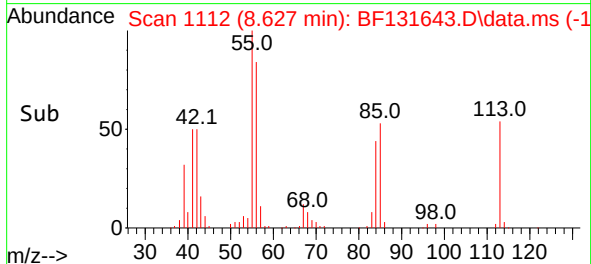
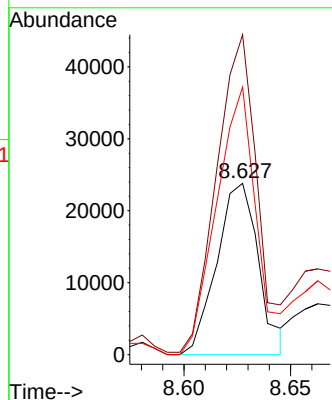
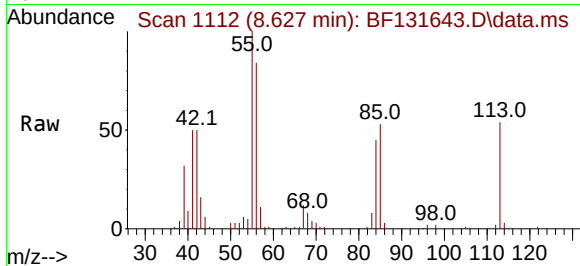




#35
 Caprolactam
 Concen: 22.628 ng
 RT: 8.627 min Scan# 1115
 Delta R.T. -0.000 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

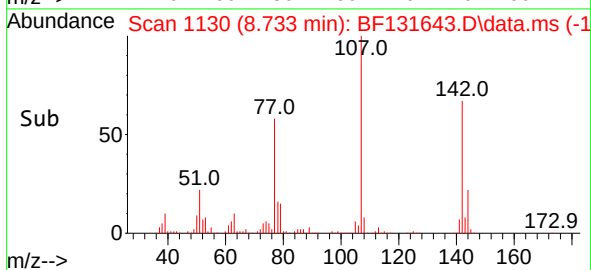
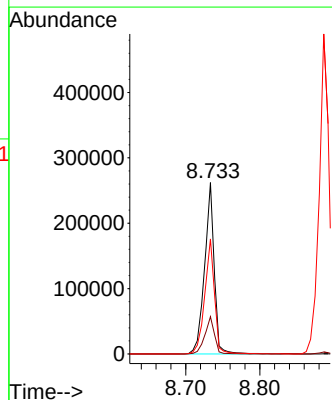
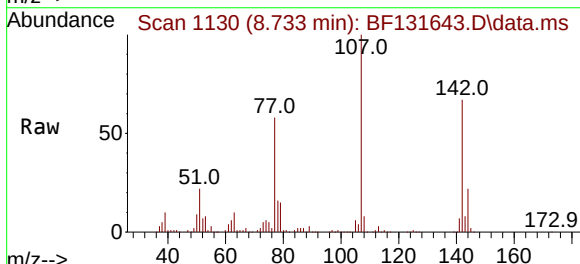
Instrument :
 BNA_F
 ClientSampleId :
 PB149637BS

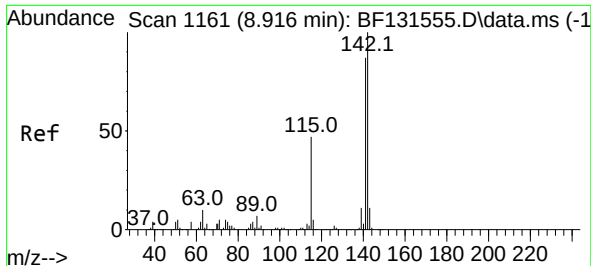
Tgt Ion:113 Resp: 32453
 Ion Ratio Lower Upper
 113 100
 55 186.7 155.8 195.8
 56 156.2 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.324 ng
 RT: 8.733 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

Tgt Ion:107 Resp: 238596
 Ion Ratio Lower Upper
 107 100
 144 21.8 17.0 25.4
 142 67.1 54.8 82.2





#37

2-Methylnaphthalene

Concen: 35.398 ng

RT: 8.886 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

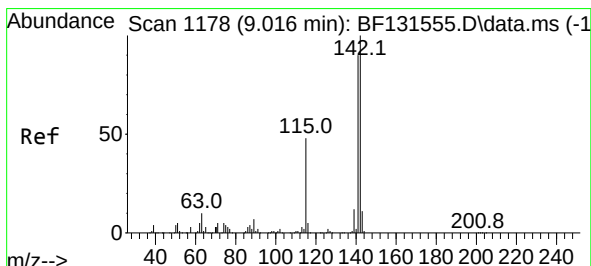
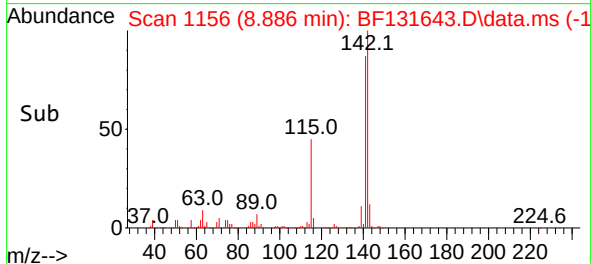
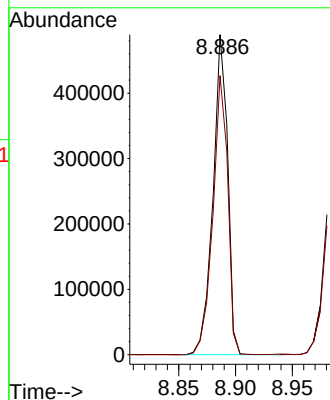
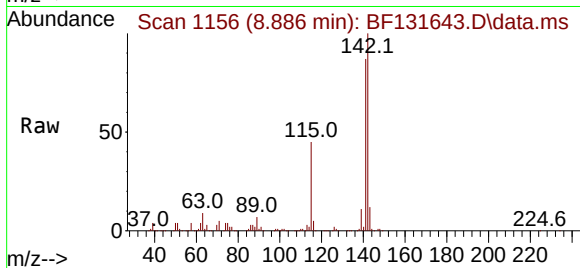
PB149637BS

Tgt Ion:142 Resp: 438461

Ion Ratio Lower Upper

142 100

141 87.2 69.7 104.5



#38

1-Methylnaphthalene

Concen: 34.437 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF131643.D

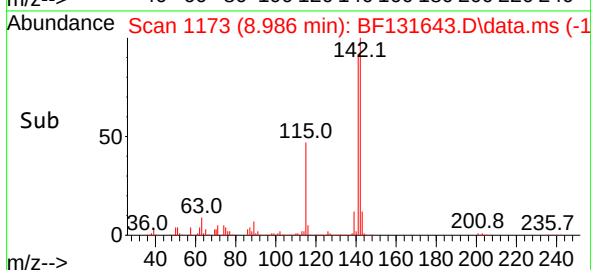
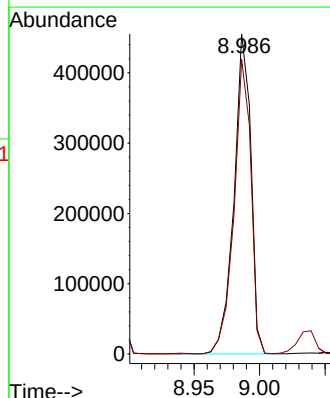
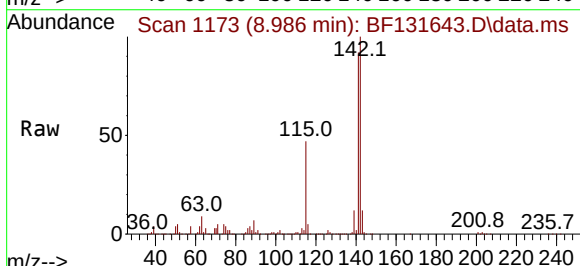
Acq: 15 Dec 2022 11:40

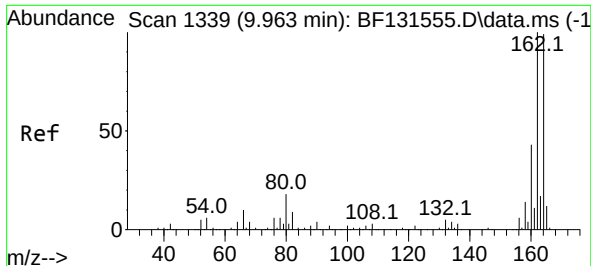
Tgt Ion:142 Resp: 409467

Ion Ratio Lower Upper

142 100

141 92.1 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

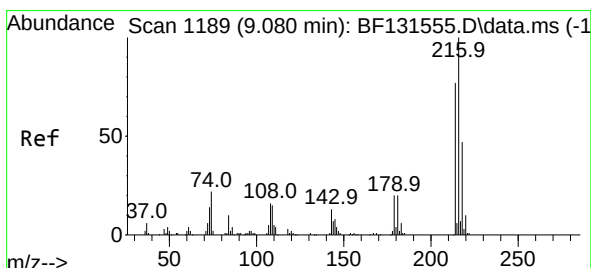
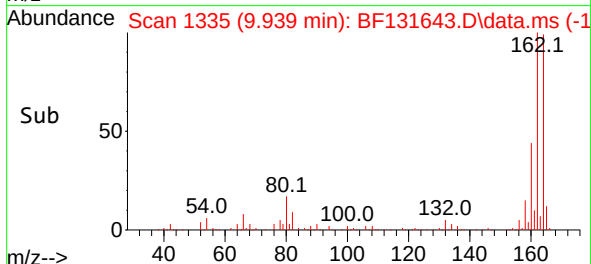
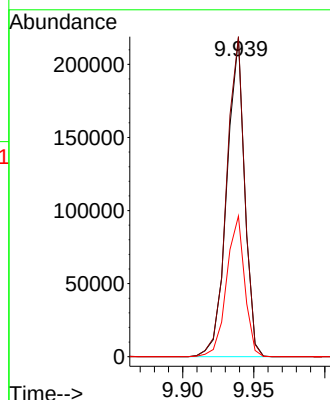
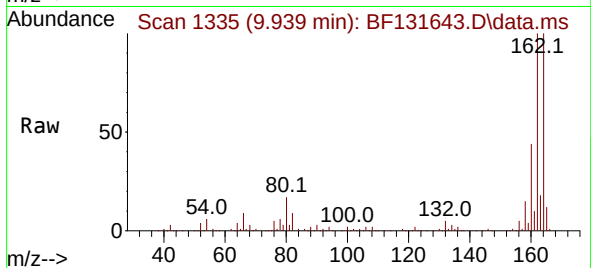
Tgt Ion:164 Resp: 190061

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.6

160 44.1 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.396 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Tgt Ion:216 Resp: 256070

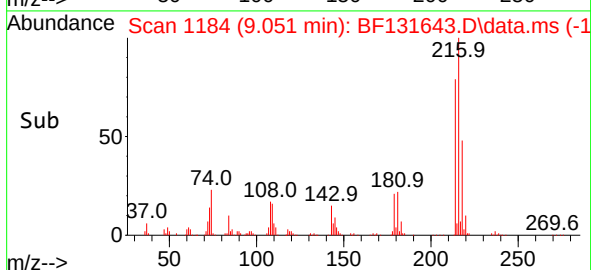
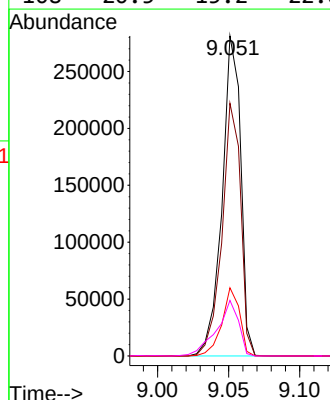
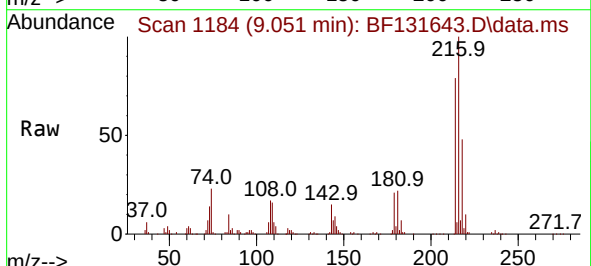
Ion Ratio Lower Upper

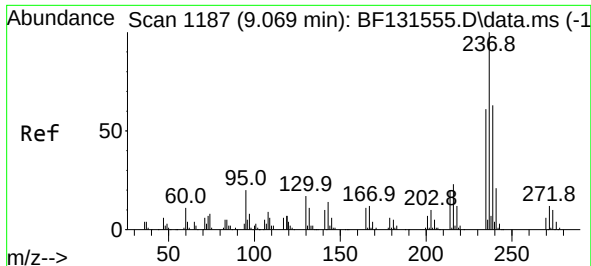
216 100

214 78.8 62.1 93.1

179 20.4 16.0 24.0

108 20.5 15.2 22.8

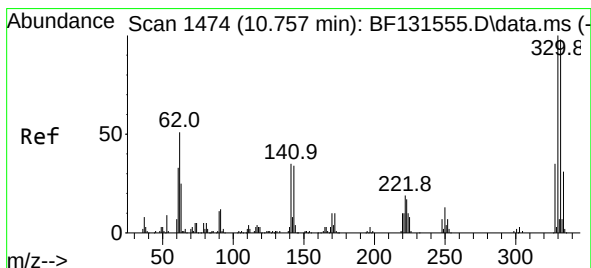
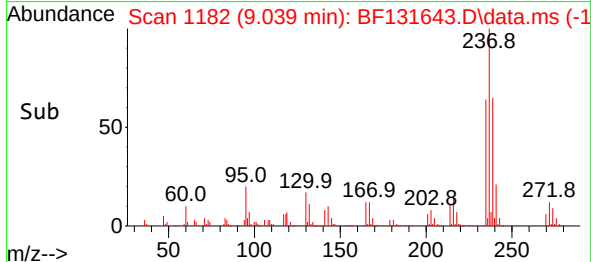
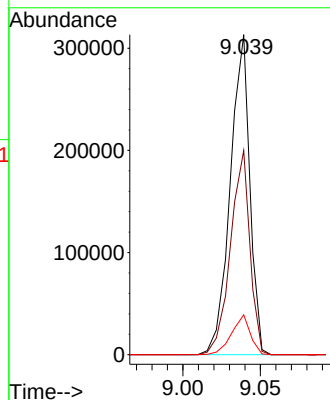
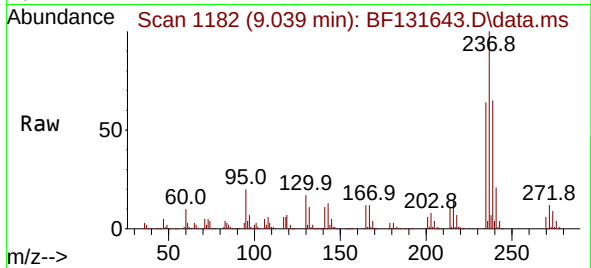




#41
Hexachlorocyclopentadiene
Concen: 76.928 ng
RT: 9.039 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

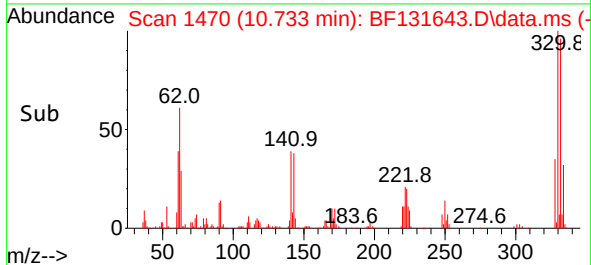
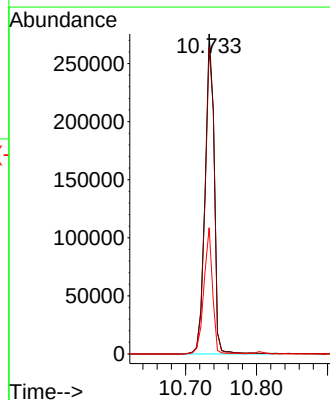
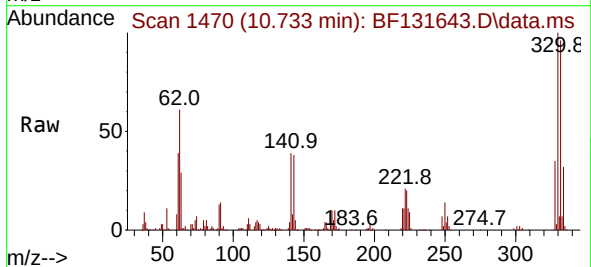
Instrument :
BNA_F
ClientSampleId :
PB149637BS

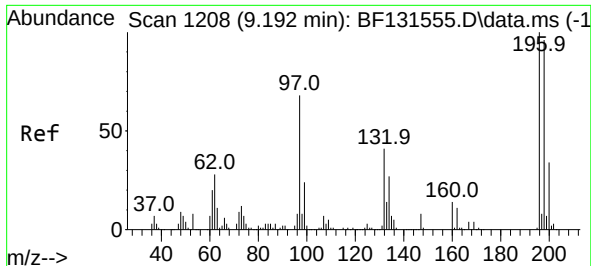
Tgt Ion:237 Resp: 274719
Ion Ratio Lower Upper
237 100
235 63.8 40.6 80.6
272 12.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 116.738 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:330 Resp: 246508
Ion Ratio Lower Upper
330 100
332 97.5 78.3 117.5
141 37.3 32.6 49.0

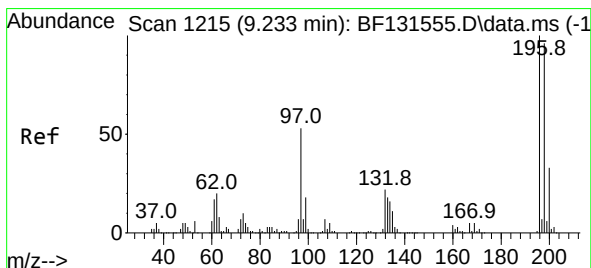
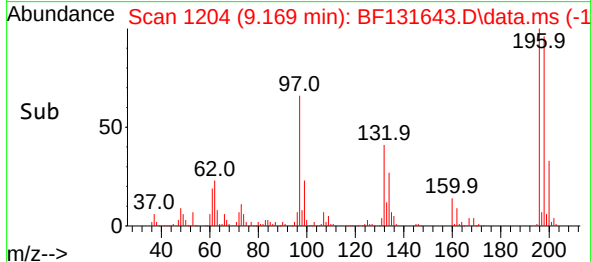
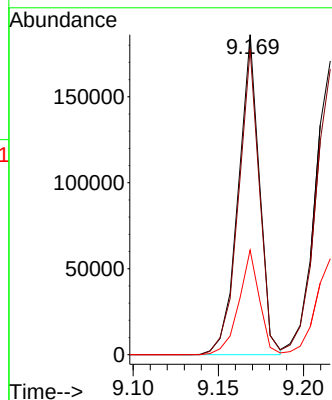
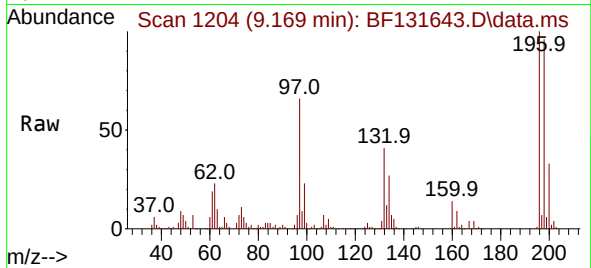




#43
 2,4,6-Trichlorophenol
 Concen: 36.771 ng
 RT: 9.169 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

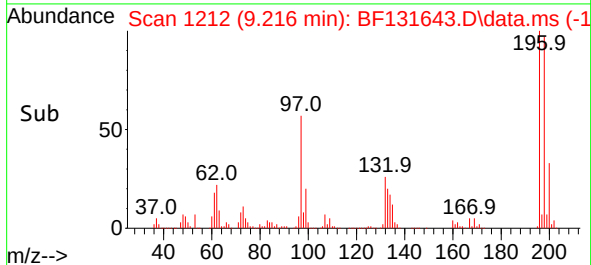
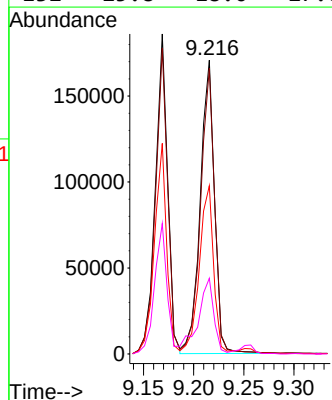
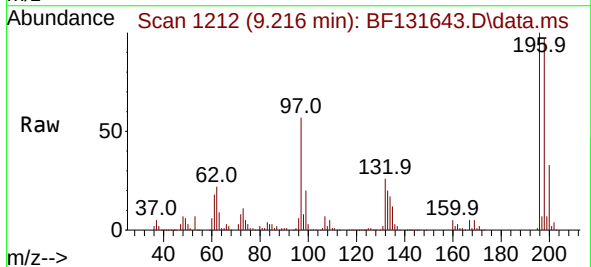
Instrument :
 BNA_F
 ClientSampleId :
 PB149637BS

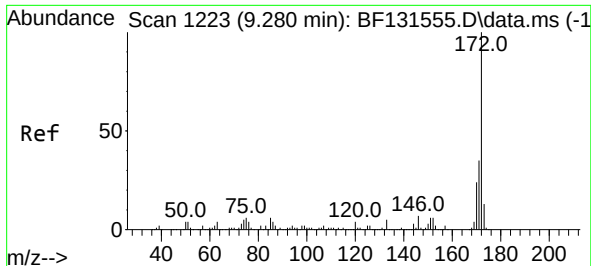
Tgt Ion:196 Resp: 160019
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.9 115.3
 200 32.7 26.9 40.3



#44
 2,4,5-Trichlorophenol
 Concen: 36.275 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. 0.006 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

Tgt Ion:196 Resp: 169767
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.2 115.8
 97 57.2 42.2 63.2
 132 25.8 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 65.702 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

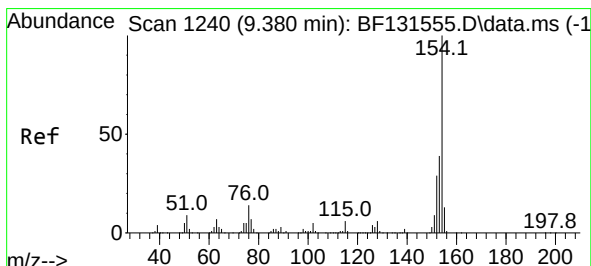
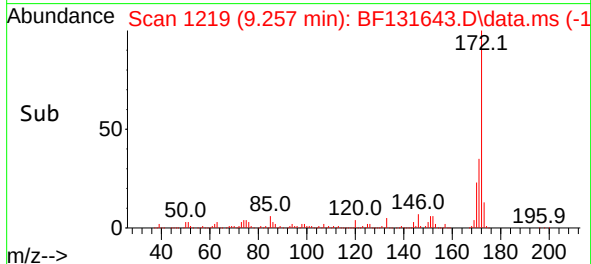
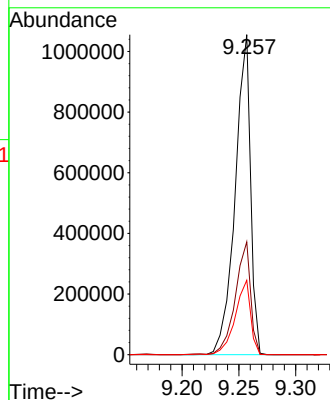
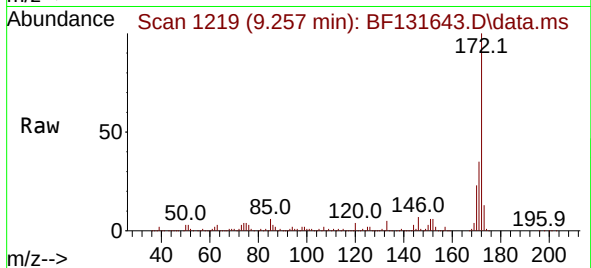
Tgt Ion:172 Resp: 990371

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.3 28.9



#46

1,1'-Biphenyl

Concen: 36.772 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

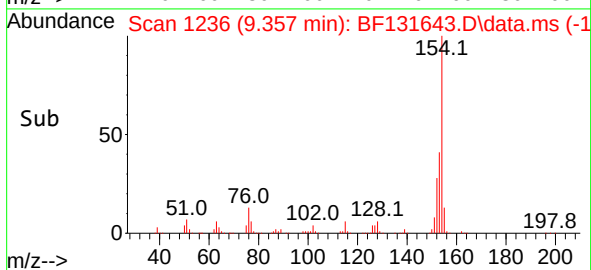
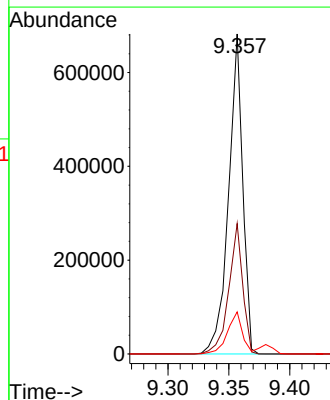
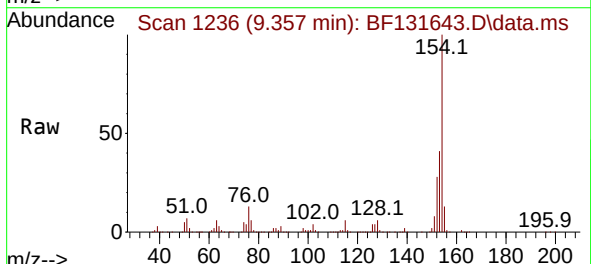
Tgt Ion:154 Resp: 552579

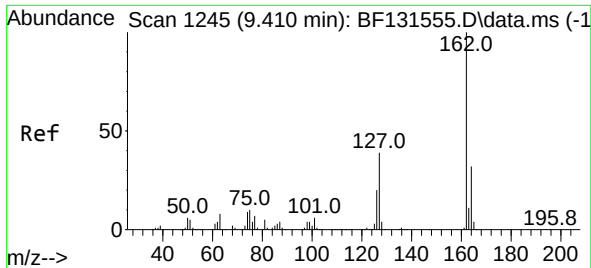
Ion Ratio Lower Upper

154 100

153 40.7 19.4 59.4

76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 36.189 ng

RT: 9.380 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

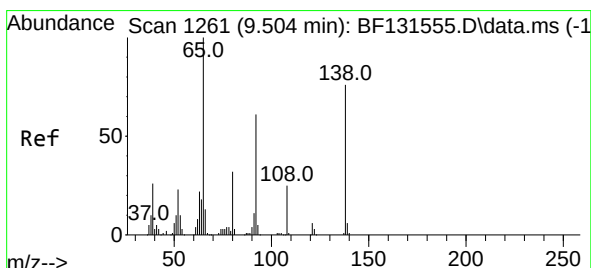
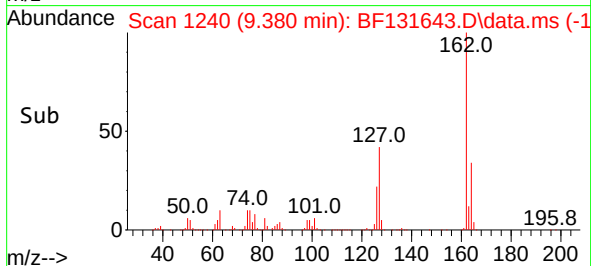
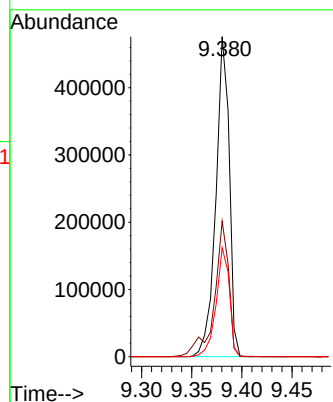
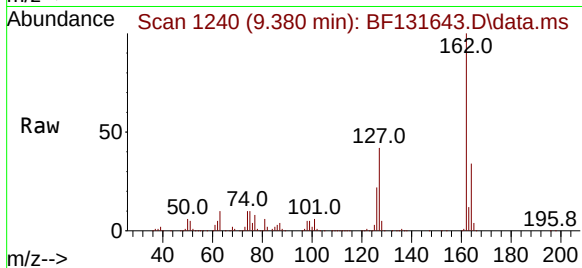
Tgt Ion:162 Resp: 443078

Ion Ratio Lower Upper

162 100

127 42.3 31.4 47.2

164 34.1 25.8 38.8



#48

2-Nitroaniline

Concen: 36.798 ng

RT: 9.480 min Scan# 1257

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

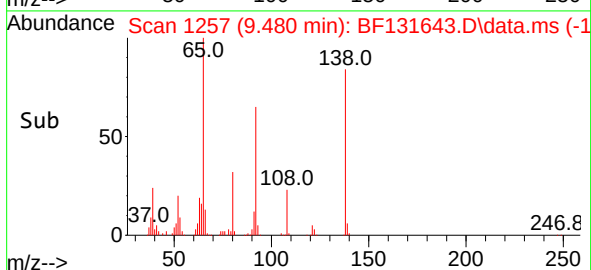
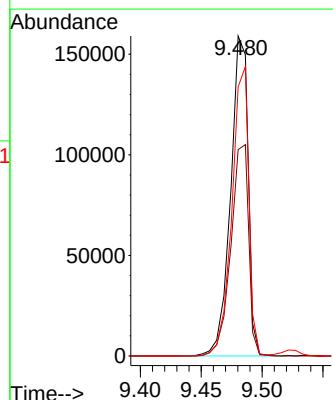
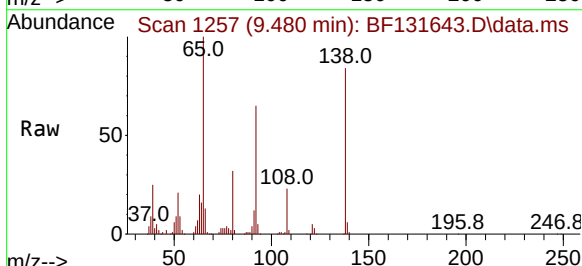
Tgt Ion: 65 Resp: 159594

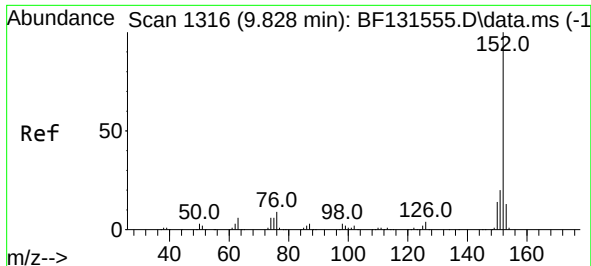
Ion Ratio Lower Upper

65 100

92 64.5 49.2 73.8

138 84.1 60.7 91.1

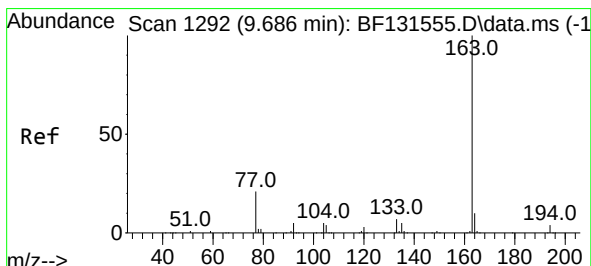
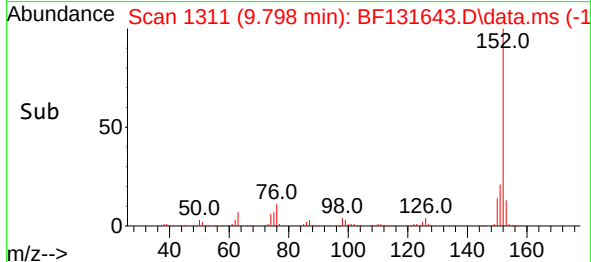
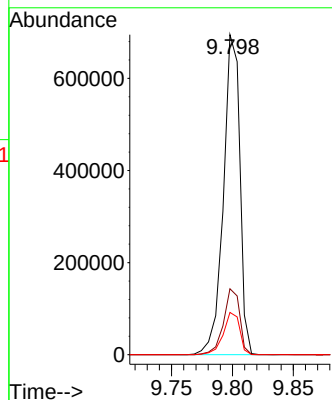
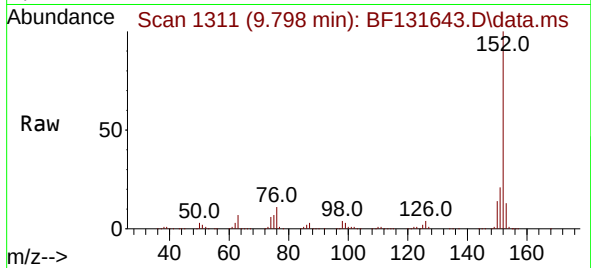




#49
Acenaphthylene
Concen: 36.411 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

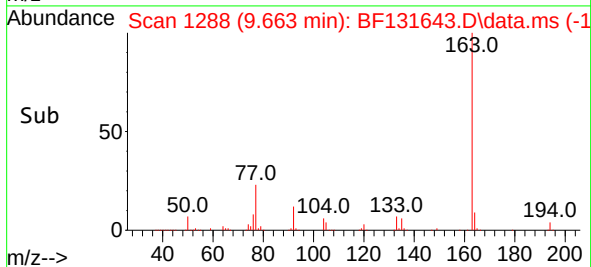
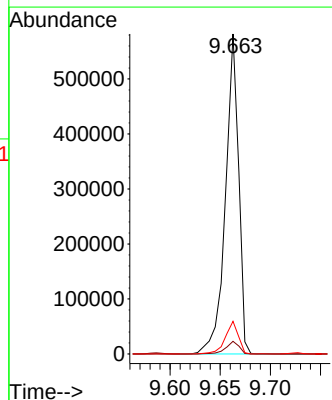
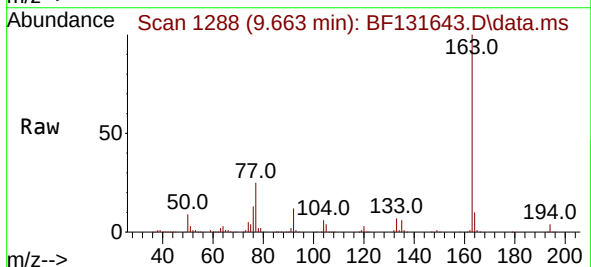
Instrument :
BNA_F
ClientSampleId :
PB149637BS

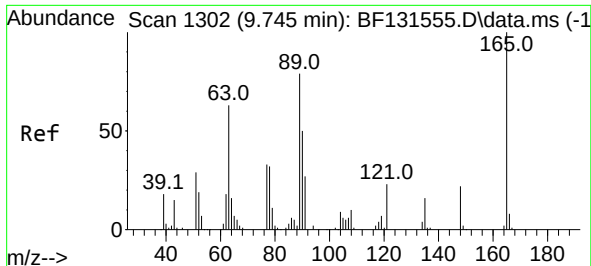
Tgt Ion:152 Resp: 654561
Ion Ratio Lower Upper
152 100
151 20.6 15.6 23.4
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 36.575 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:163 Resp: 529925
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 7.8 11.6

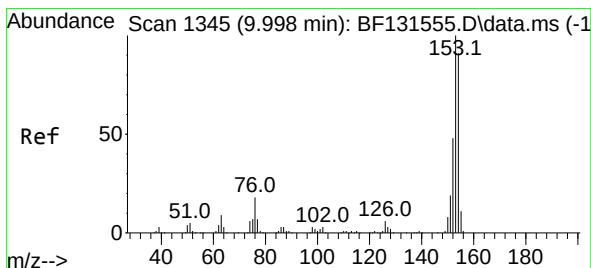
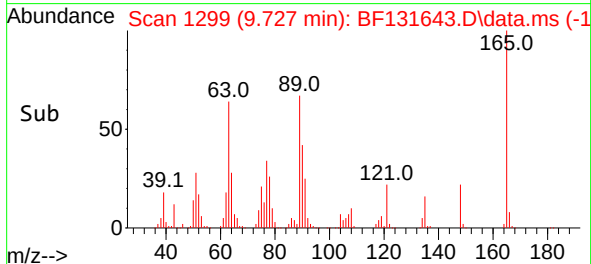
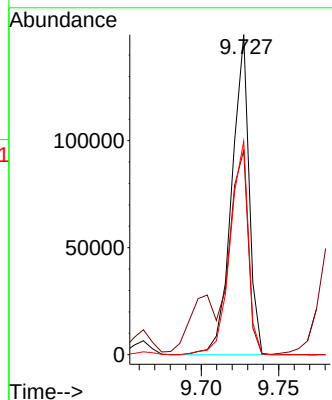
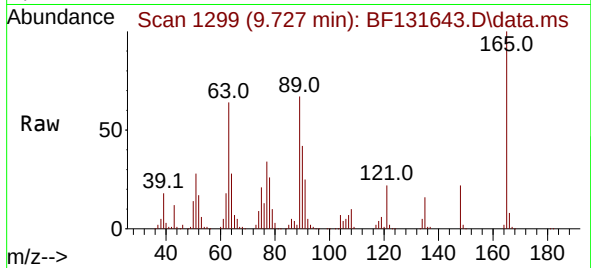




#51
2,6-Dinitrotoluene
Concen: 38.961 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

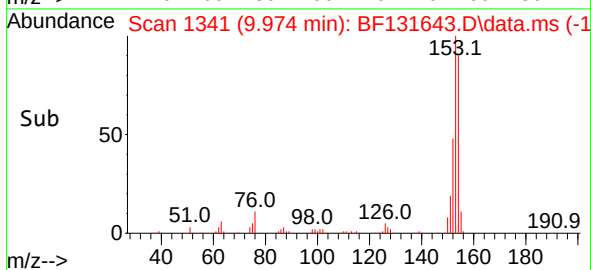
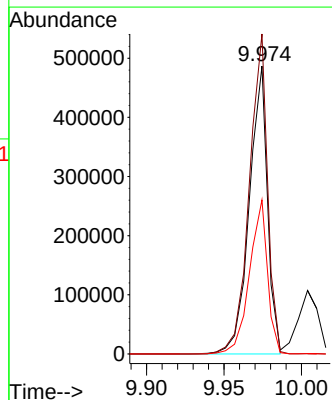
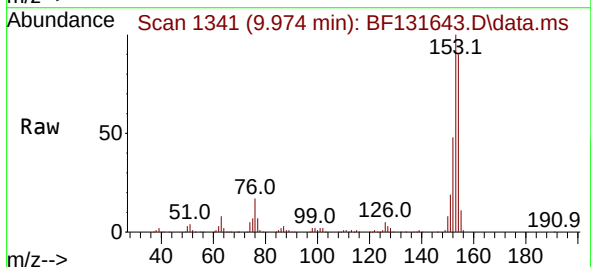
Instrument :
BNA_F
ClientSampleId :
PB149637BS

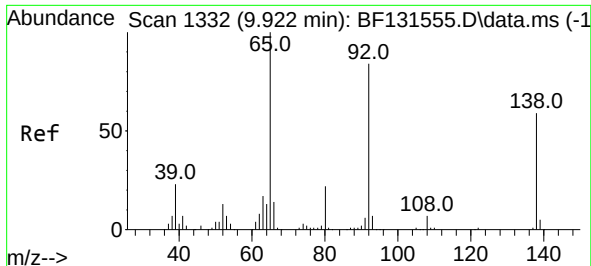
Tgt Ion:165 Resp: 116537
Ion Ratio Lower Upper
165 100
63 63.8 67.9 101.9#
89 66.7 63.2 94.8



#52
Acenaphthene
Concen: 32.968 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:154 Resp: 397026
Ion Ratio Lower Upper
154 100
153 111.2 87.9 131.9
152 53.5 42.4 63.6

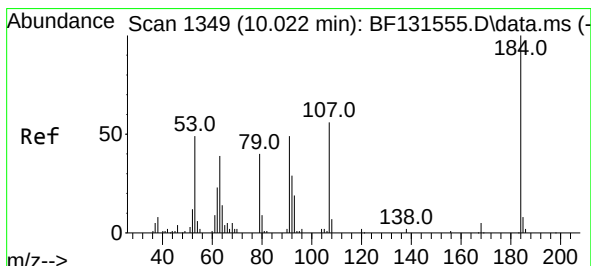
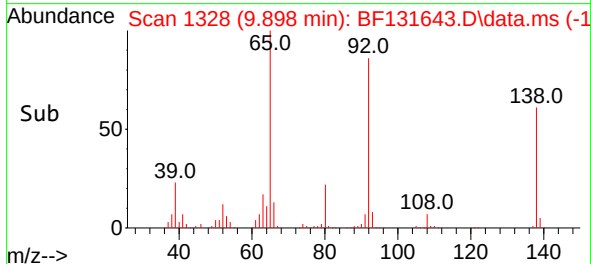
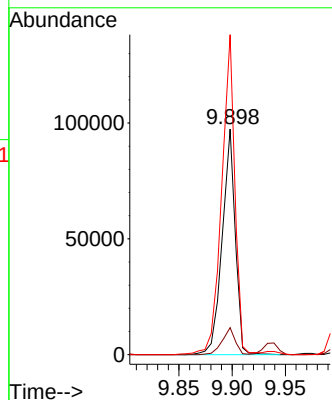
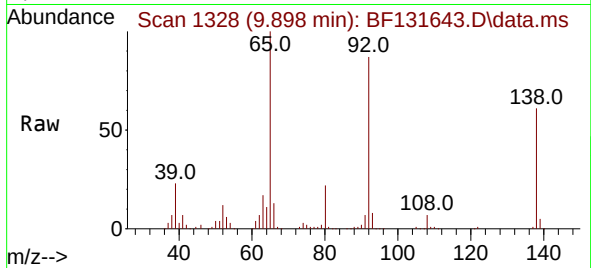




#53
3-Nitroaniline
Concen: 28.939 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

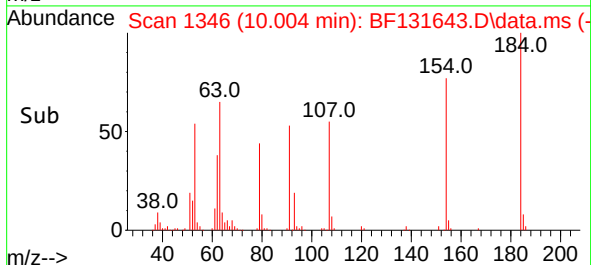
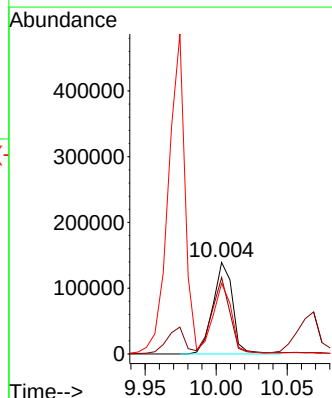
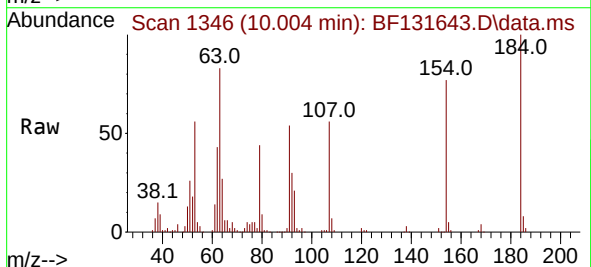
Instrument :
BNA_F
ClientSampleId :
PB149637BS

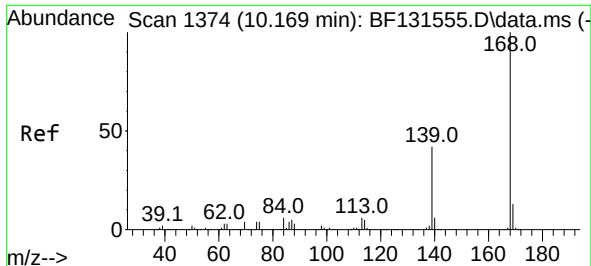
Tgt Ion:138 Resp: 83050
Ion Ratio Lower Upper
138 100
108 12.0 9.6 14.4
92 141.8 113.4 170.0



#54
2,4-Dinitrophenol
Concen: 79.116 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:184 Resp: 135386
Ion Ratio Lower Upper
184 100
63 83.5 60.7 91.1
154 77.3 59.0 88.6

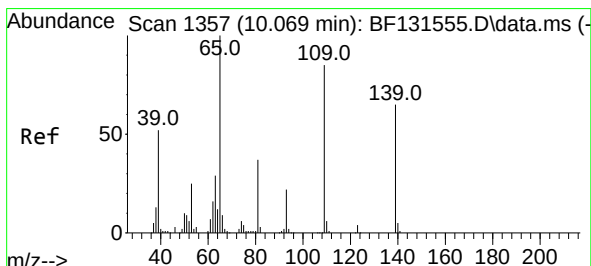
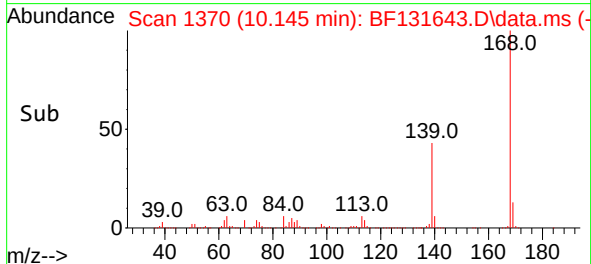
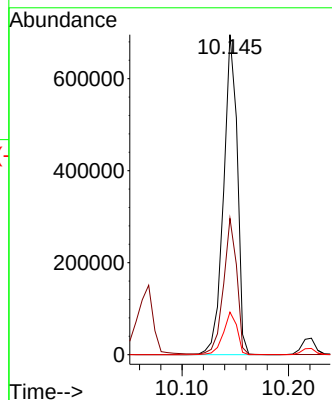
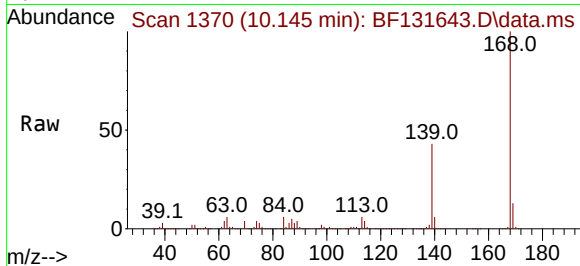




#55
Dibenzofuran
Concen: 36.381 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

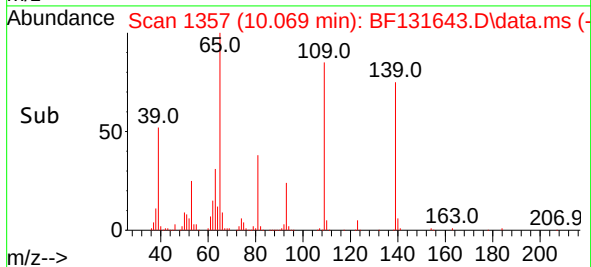
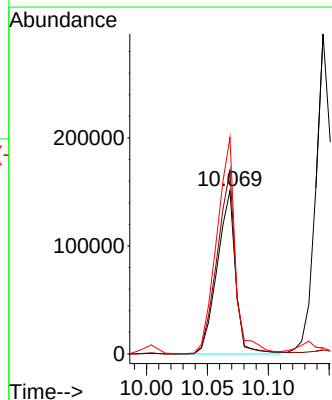
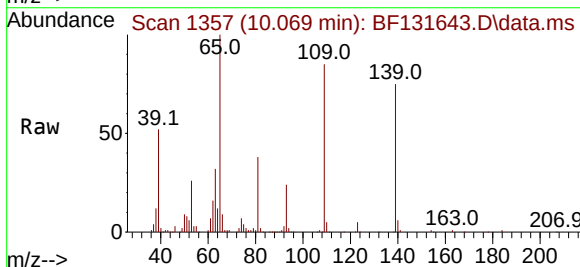
Instrument :
BNA_F
ClientSampleId :
PB149637BS

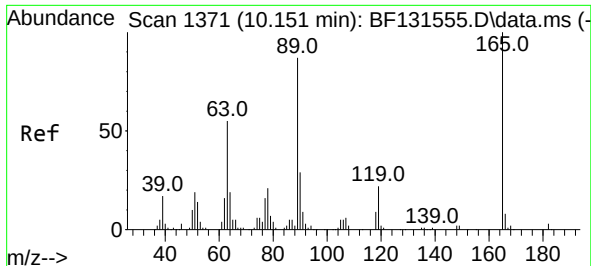
Tgt Ion:168 Resp: 619062
Ion Ratio Lower Upper
168 100
139 42.6 33.9 50.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 79.581 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.012 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:139 Resp: 158658
Ion Ratio Lower Upper
139 100
109 112.7 110.2 150.2
65 132.8 133.3 173.3#

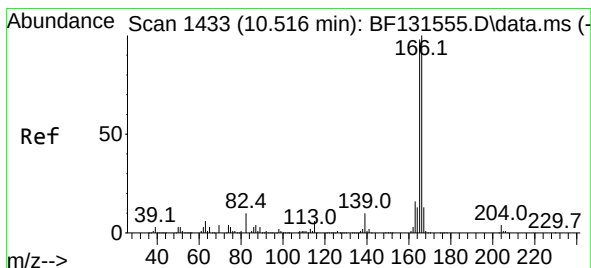
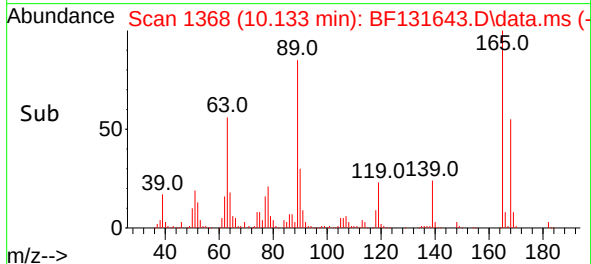
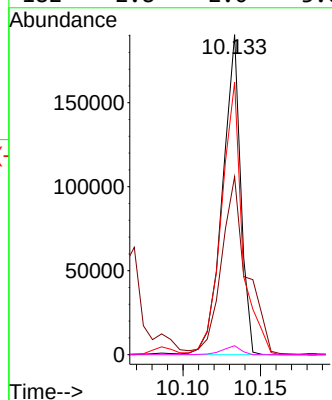
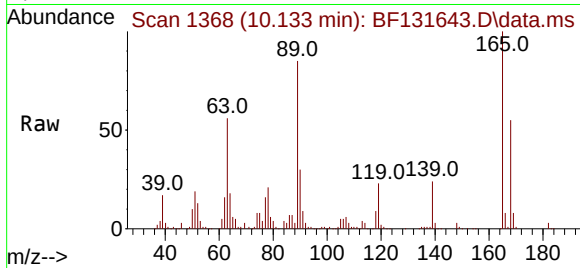




#57
2,4-Dinitrotoluene
Concen: 39.196 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

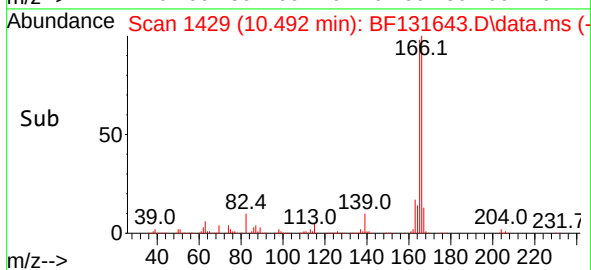
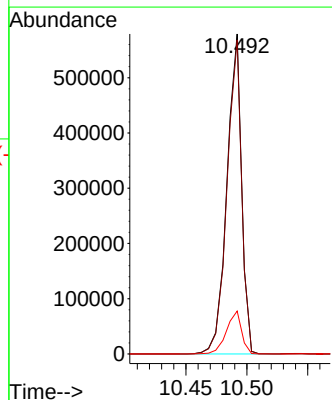
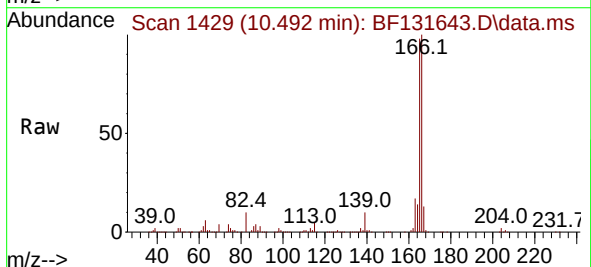
Instrument :
BNA_F
ClientSampleId :
PB149637BS

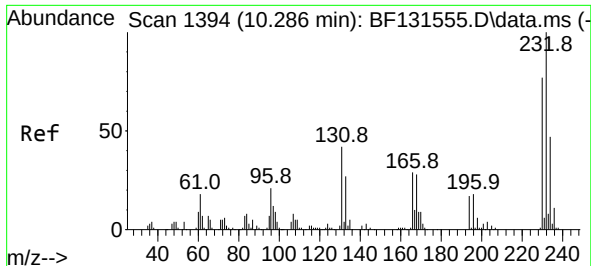
Tgt Ion:165 Resp: 155521
Ion Ratio Lower Upper
165 100
63 55.6 44.4 66.6
89 85.2 69.6 104.4
182 2.8 2.0 3.0



#58
Fluorene
Concen: 35.253 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:166 Resp: 487668
Ion Ratio Lower Upper
166 100
165 98.1 78.4 117.6
167 13.4 10.7 16.1

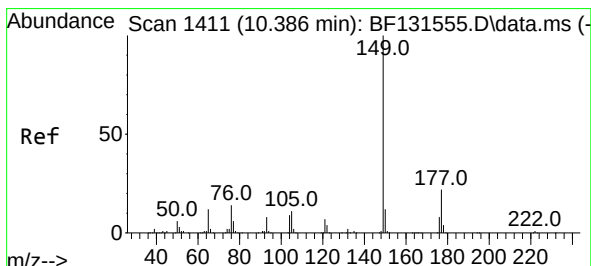
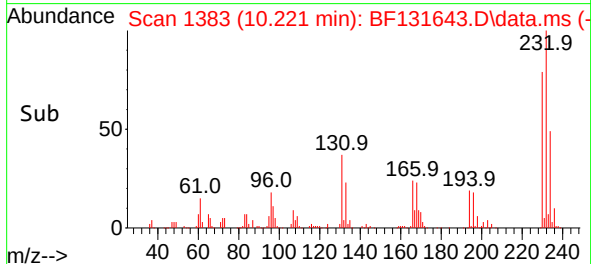
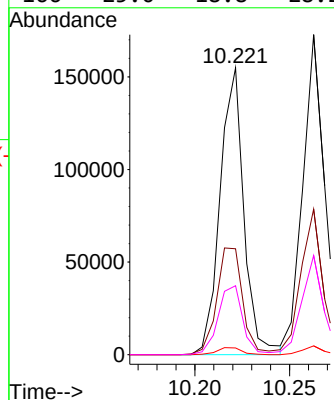
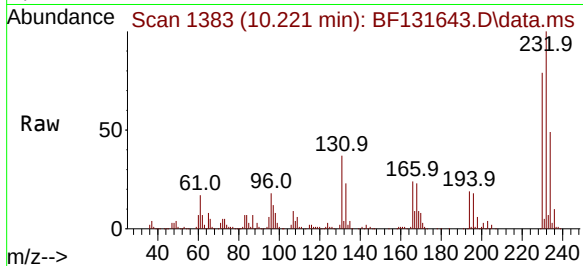




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.200 ng
RT: 10.221 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

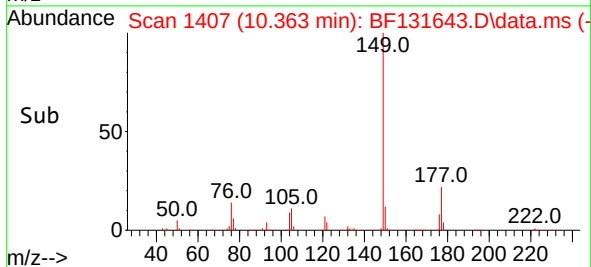
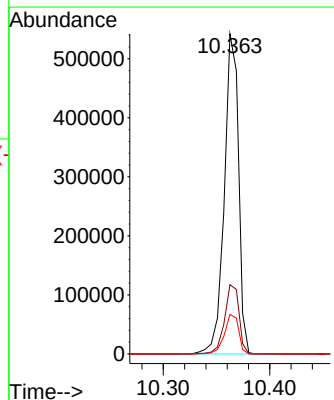
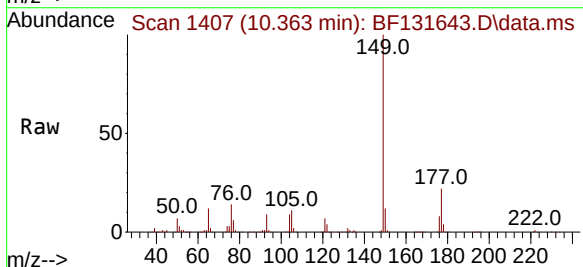
Instrument :
BNA_F
ClientSampleId :
PB149637BS

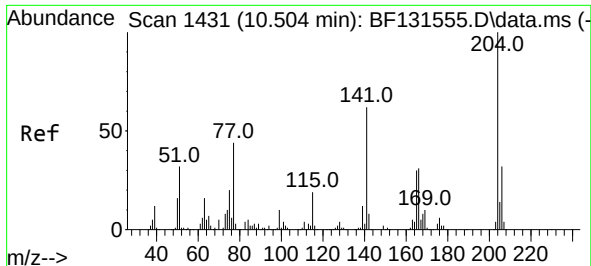
Tgt Ion:232 Resp: 135540
Ion Ratio Lower Upper
232 100
131 40.6 31.0 46.6
130 2.6 1.8 2.8
166 25.0 18.8 28.2



#60
Diethylphthalate
Concen: 36.053 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:149 Resp: 501279
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.4 9.7 14.5

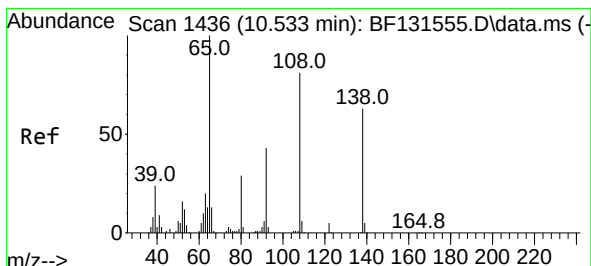
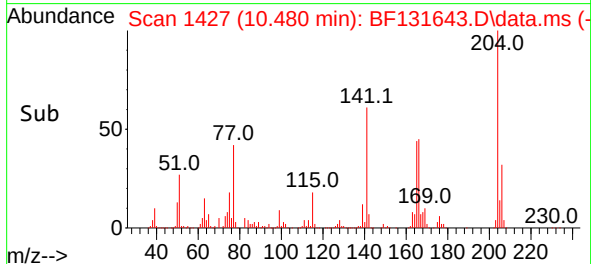
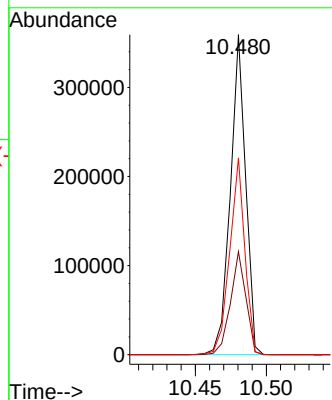
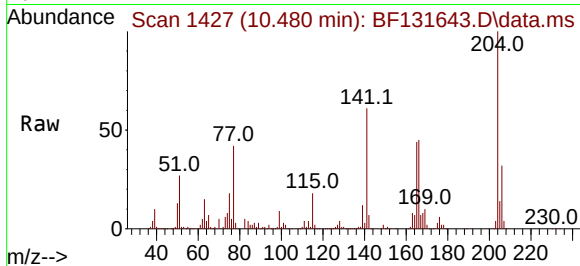




#61
4-Chlorophenyl-phenylether
Concen: 35.220 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

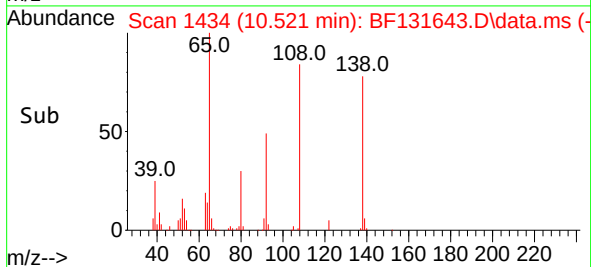
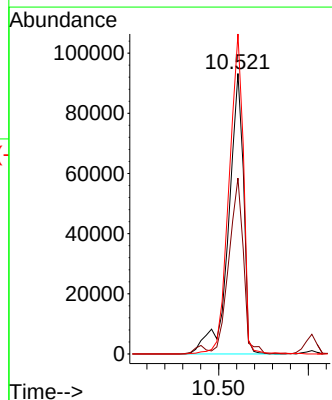
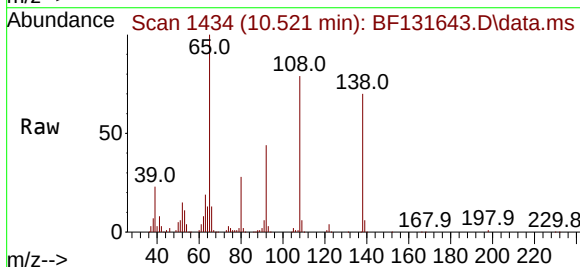
Instrument :
BNA_F
ClientSampleId :
PB149637BS

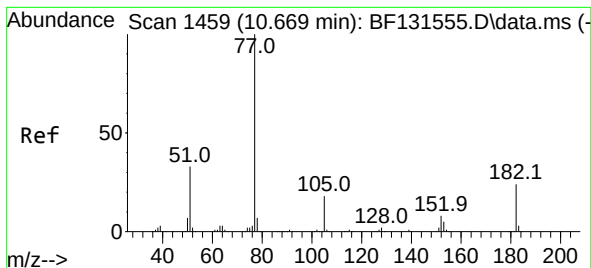
Tgt Ion:204 Resp: 269243
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.2
141 61.5 49.5 74.3



#62
4-Nitroaniline
Concen: 37.710 ng
RT: 10.521 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:138 Resp: 107243
Ion Ratio Lower Upper
138 100
92 62.7 47.5 87.5
108 114.1 108.8 148.8





#63

Azobenzene

Concen: 34.765 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

Tgt Ion: 77 Resp: 551312

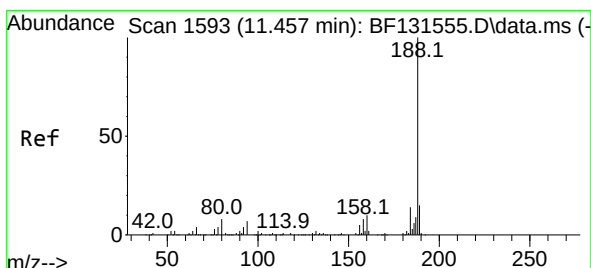
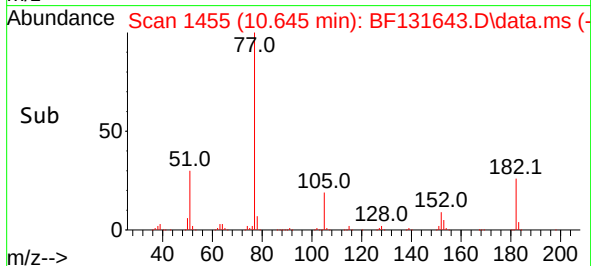
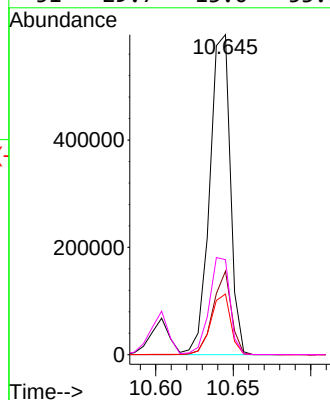
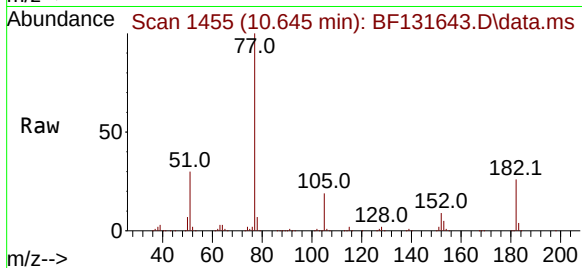
Ion Ratio Lower Upper

77 100

182 26.1 3.9 43.9

105 18.9 0.0 38.3

51 29.7 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: BF131643.D

Acq: 15 Dec 2022 11:40

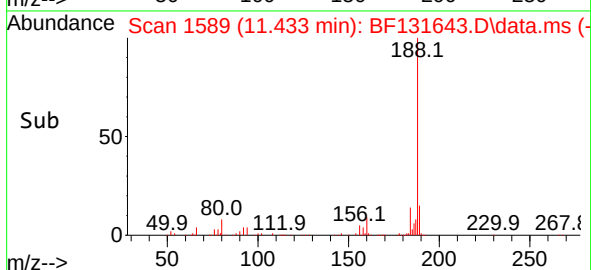
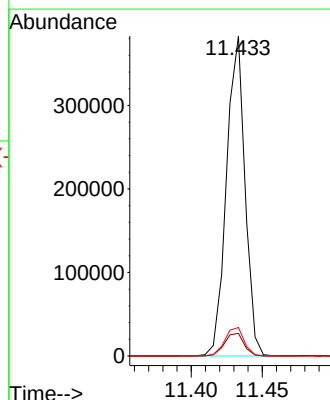
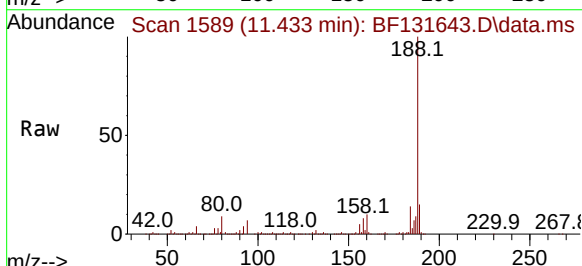
Tgt Ion: 188 Resp: 346304

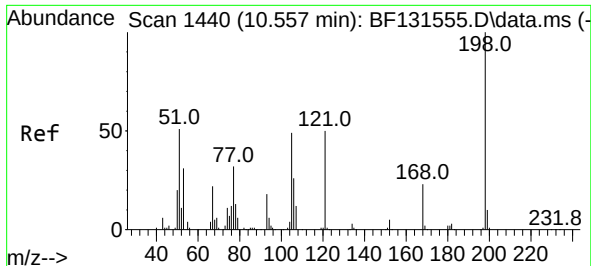
Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

80 8.9 6.6 10.0

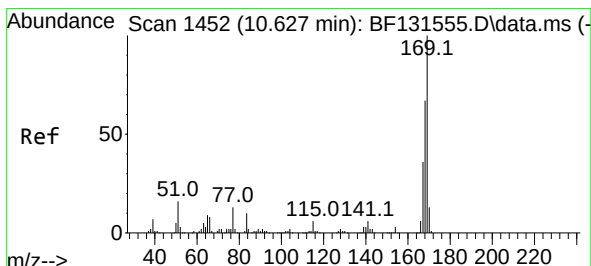
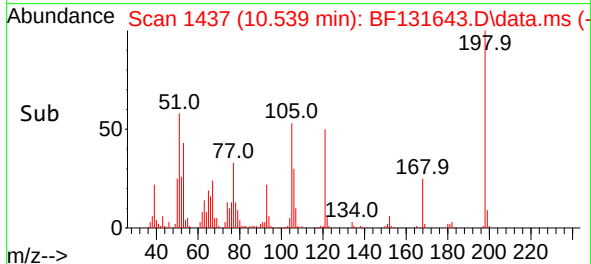
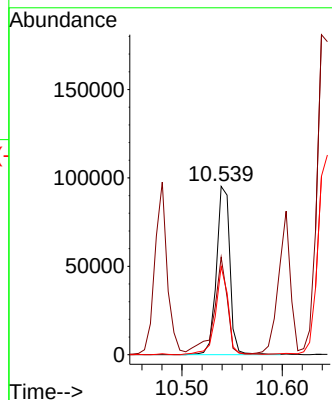
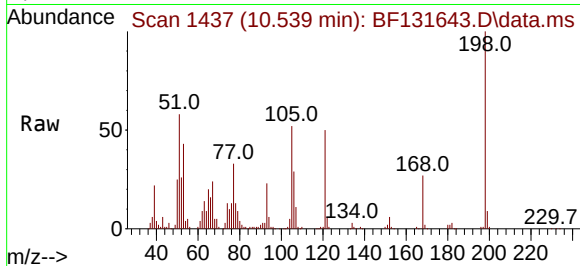




#65
4,6-Dinitro-2-methylphenol
Concen: 40.392 ng
RT: 10.539 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

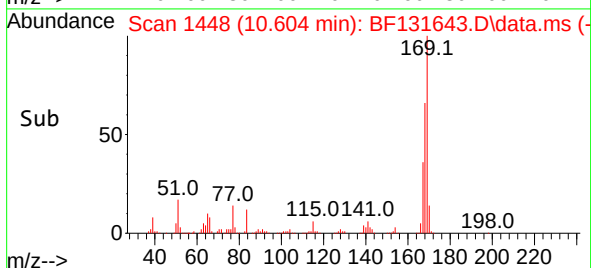
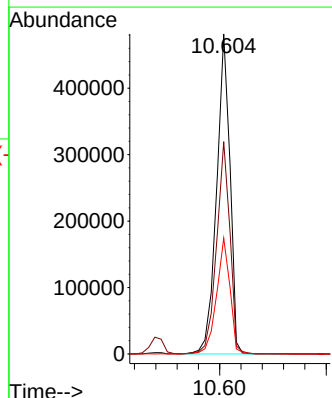
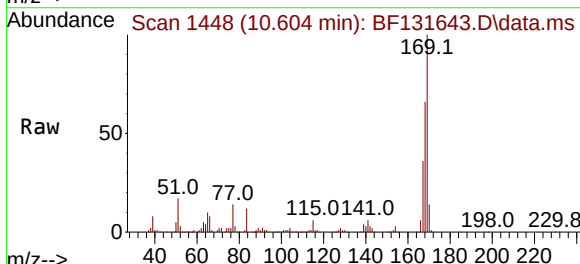
Instrument :
BNA_F
ClientSampleId :
PB149637BS

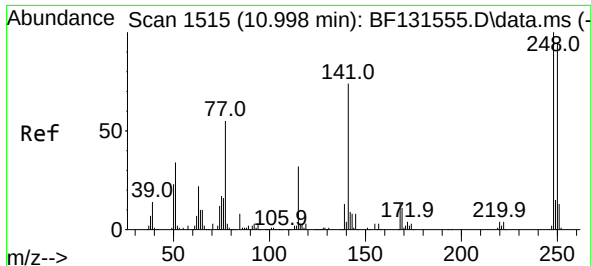
Tgt Ion:198 Resp: 88596
Ion Ratio Lower Upper
198 100
51 57.9 36.7 76.7
105 52.4 29.9 69.9



#66
n-Nitrosodiphenylamine
Concen: 37.184 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:169 Resp: 416299
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 36.2 29.1 43.7

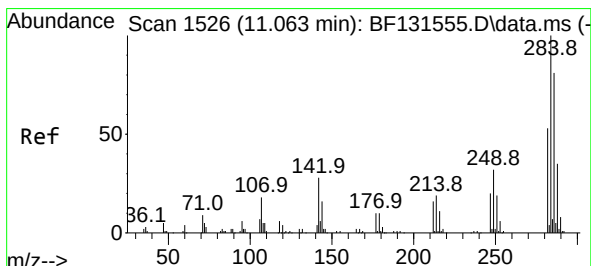
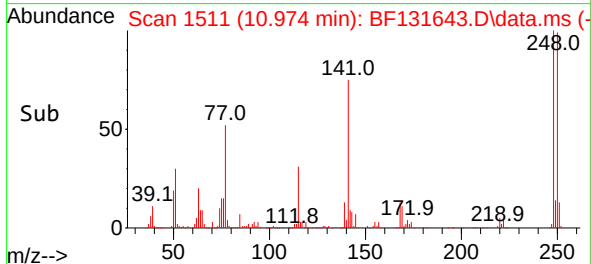
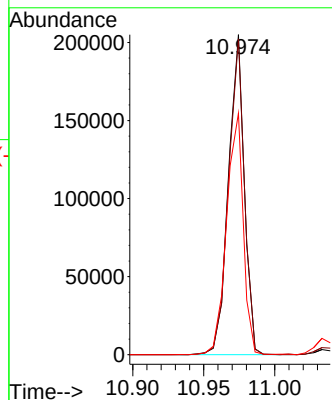
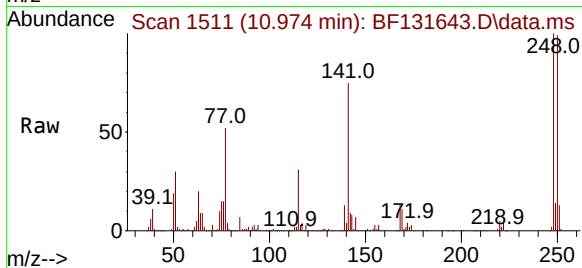




#67
4-Bromophenyl-phenylether
Concen: 35.865 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

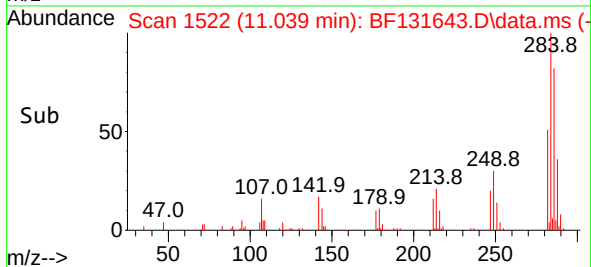
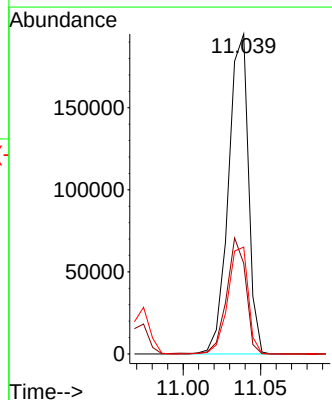
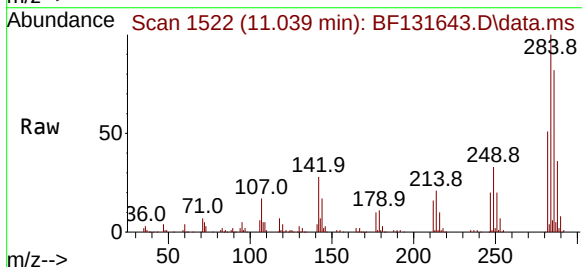
Instrument :
BNA_F
ClientSampleId :
PB149637BS

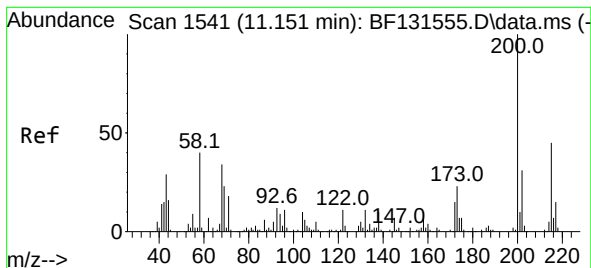
Tgt Ion:248 Resp: 159775
Ion Ratio Lower Upper
248 100
250 98.7 76.2 114.2
141 75.5 59.5 89.3



#68
Hexachlorobenzene
Concen: 36.306 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:284 Resp: 174948
Ion Ratio Lower Upper
284 100
142 28.3 22.3 33.5
249 33.4 25.4 38.2





#69

Atrazine

Concen: 42.448 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

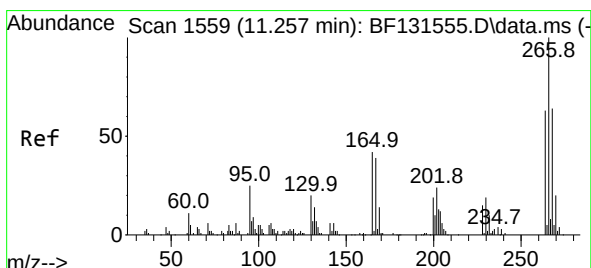
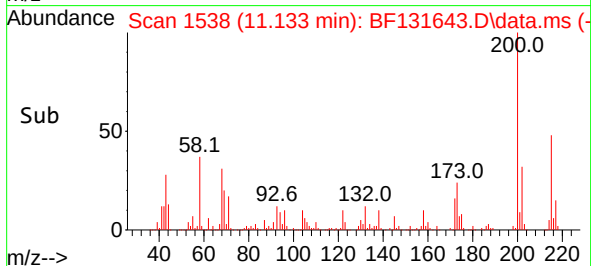
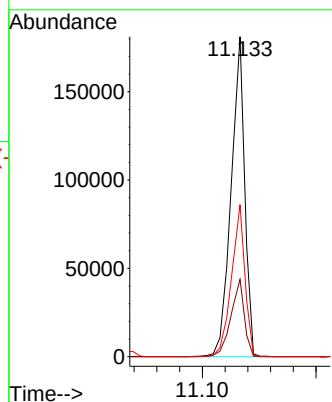
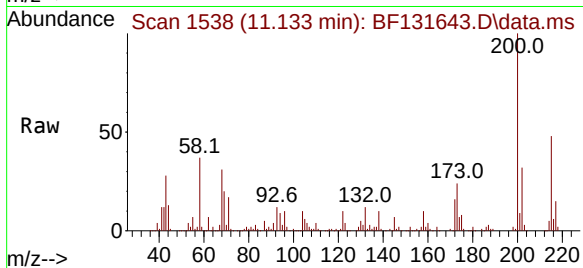
Tgt Ion:200 Resp: 150914

Ion Ratio Lower Upper

200 100

173 24.2 3.4 43.4

215 47.5 25.0 65.0



#70

Pentachlorophenol

Concen: 74.223 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

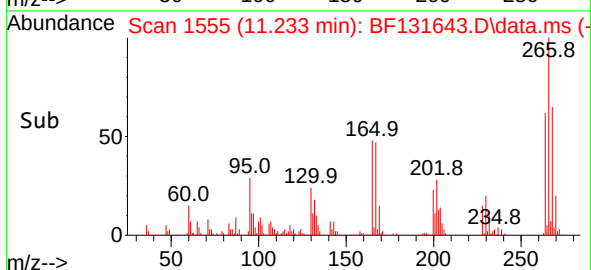
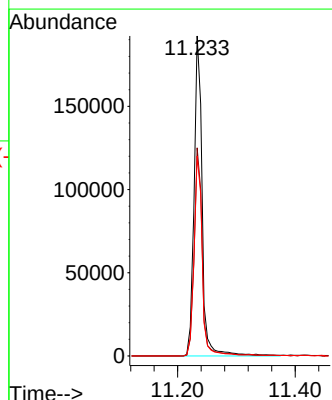
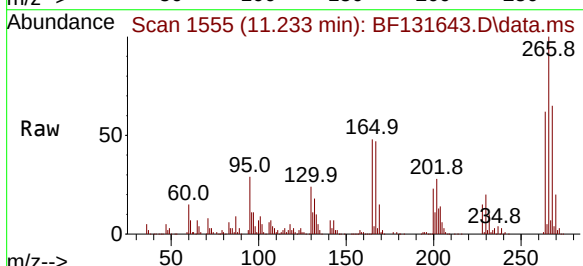
Tgt Ion:266 Resp: 184127

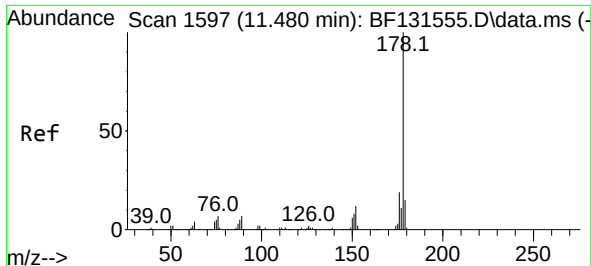
Ion Ratio Lower Upper

266 100

268 65.1 51.5 77.3

264 62.4 50.7 76.1

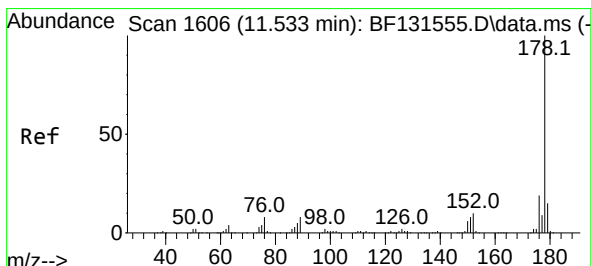
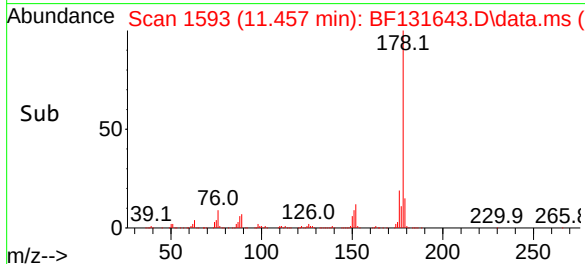
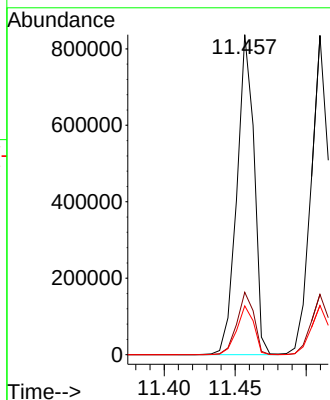
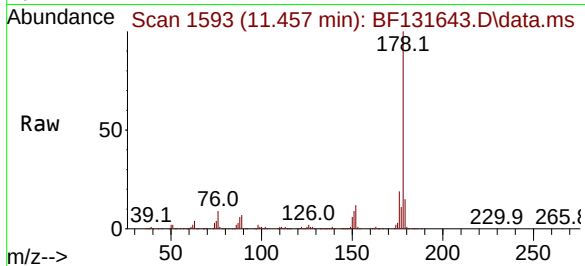




#71
Phenanthrene
Concen: 36.572 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

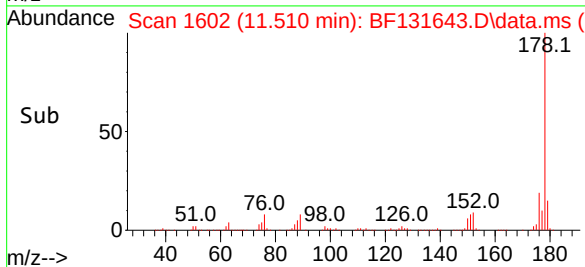
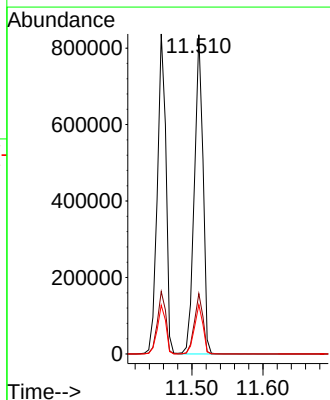
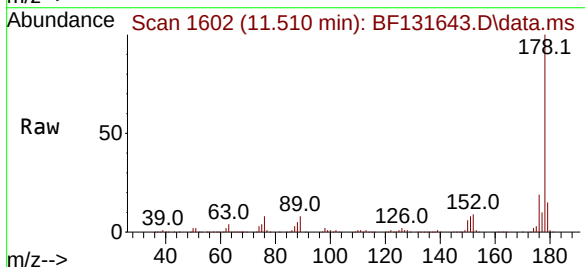
Instrument :
BNA_F
ClientSampleId :
PB149637BS

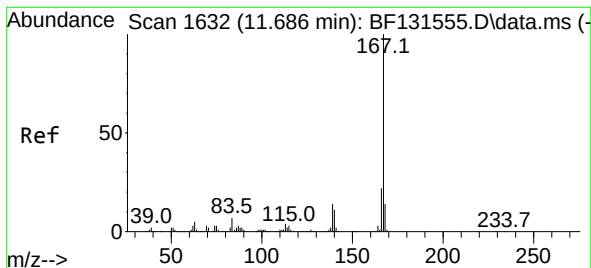
Tgt Ion:178 Resp: 705942
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.3 12.2 18.4



#72
Anthracene
Concen: 37.678 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:178 Resp: 707573
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.4 12.3 18.5





#73

Carbazole

Concen: 38.996 ng

RT: 11.668 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

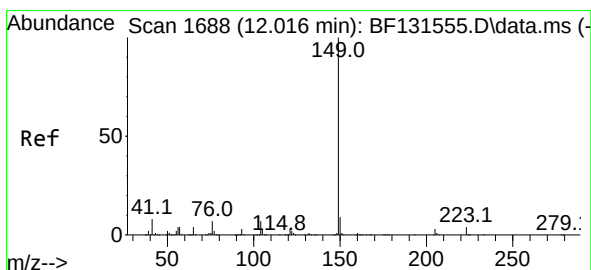
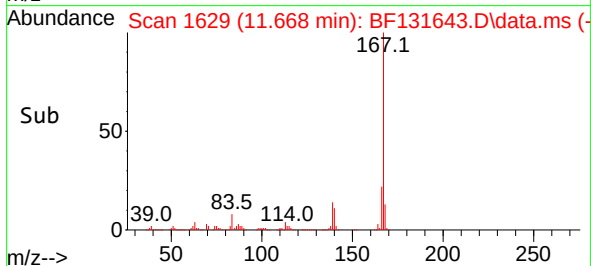
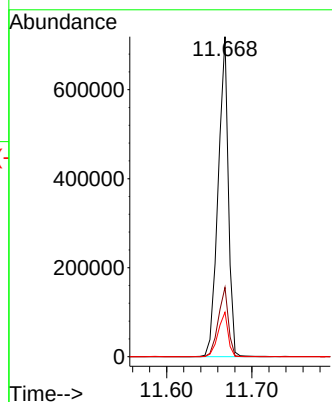
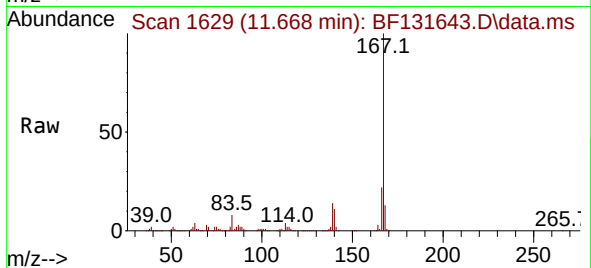
Tgt Ion:167 Resp: 597769

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.9 11.0 16.4



#74

Di-n-butylphthalate

Concen: 38.267 ng

RT: 11.992 min Scan# 1684

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

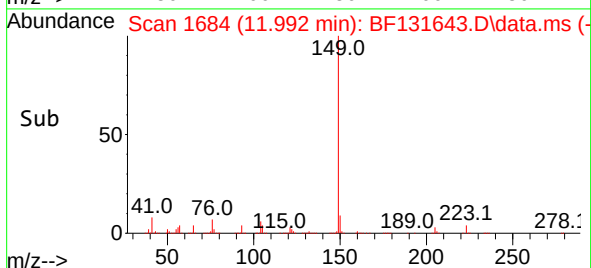
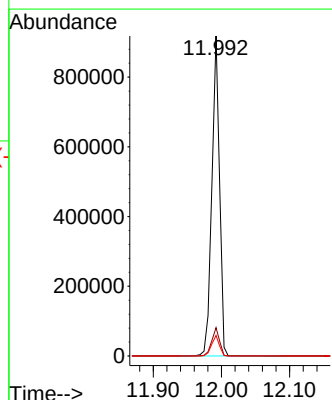
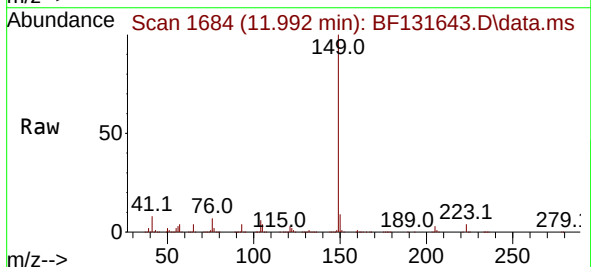
Tgt Ion:149 Resp: 719643

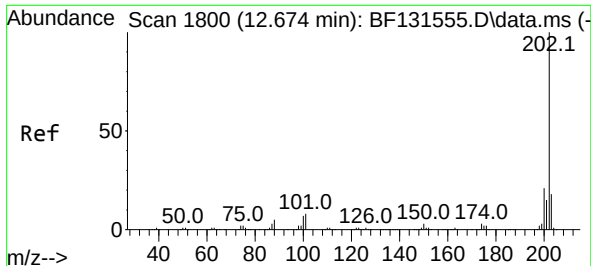
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 6.4 5.2 7.8

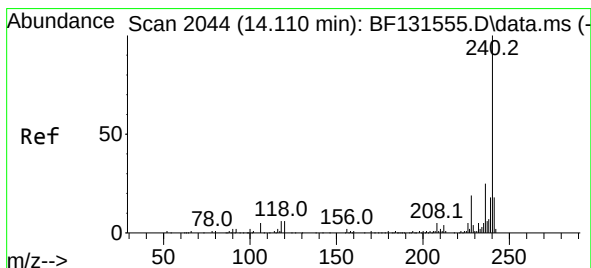
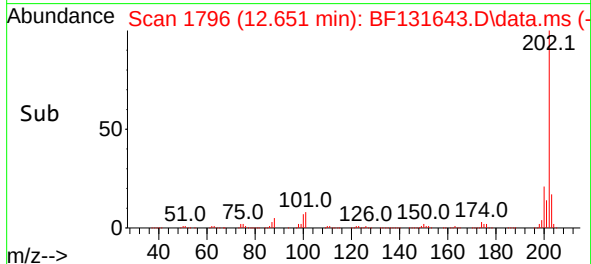
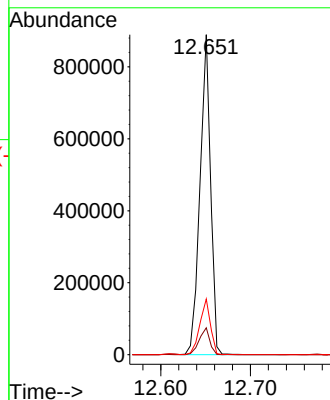
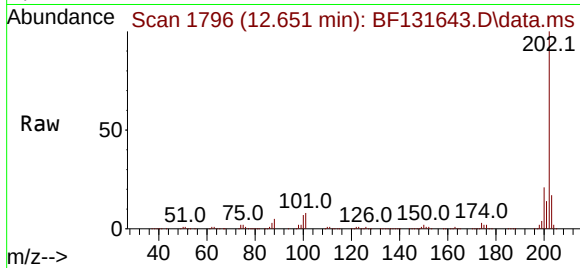




#75
Fluoranthene
Concen: 36.634 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

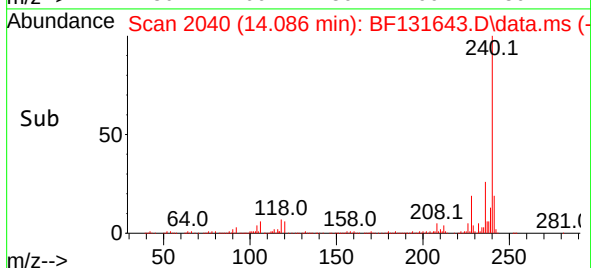
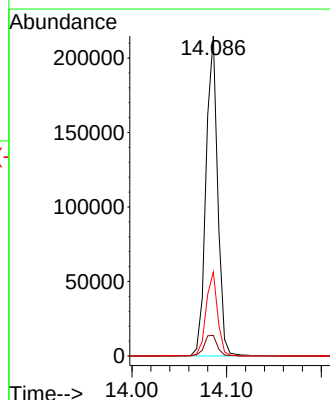
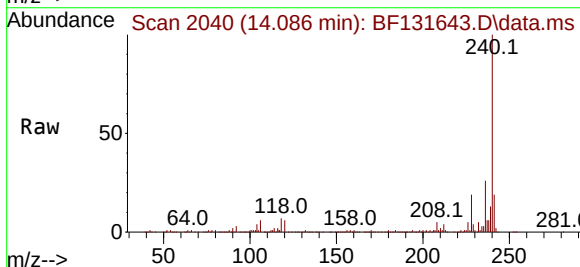
Instrument :
BNA_F
ClientSampleId :
PB149637BS

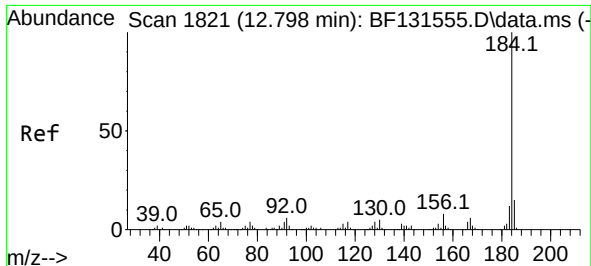
Tgt Ion:202 Resp: 728159
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.7
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:240 Resp: 183766
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 26.3 20.2 30.2

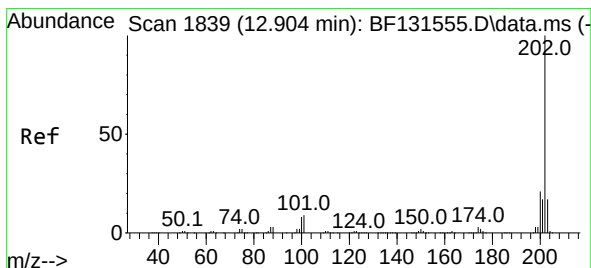
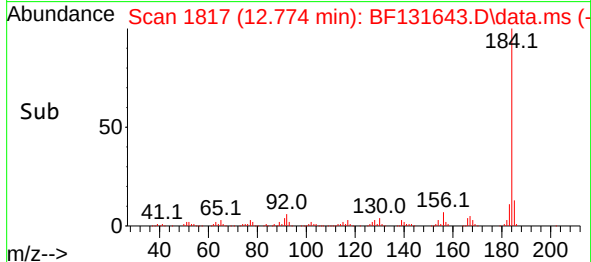
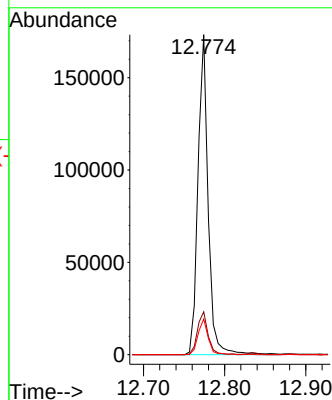
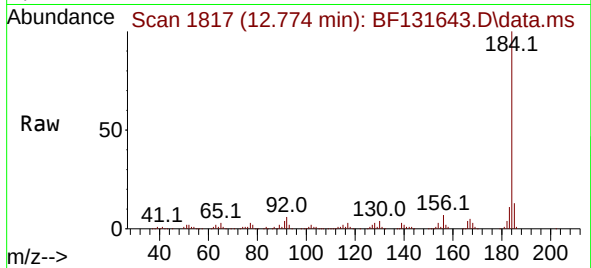




#77
Benzidine
Concen: 30.804 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

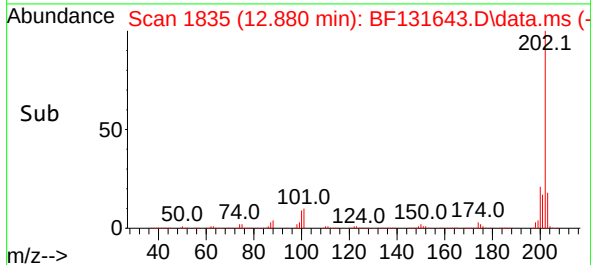
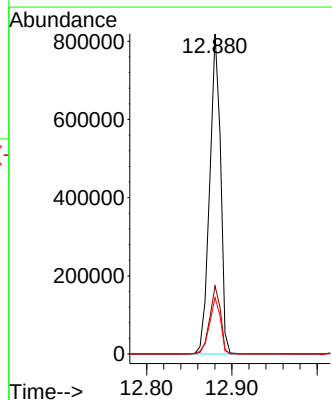
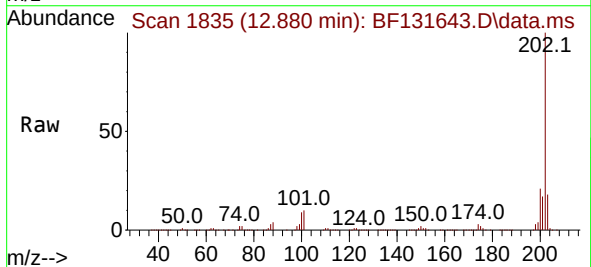
Instrument :
BNA_F
ClientSampleId :
PB149637BS

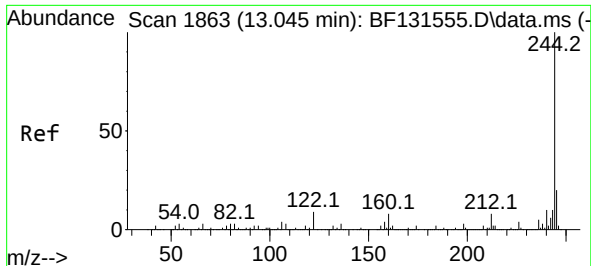
Tgt Ion:184 Resp: 151675
Ion Ratio Lower Upper
184 100
185 13.4 12.2 18.2
183 11.2 9.3 13.9



#78
Pyrene
Concen: 39.910 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:202 Resp: 723177
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.6 13.8 20.6

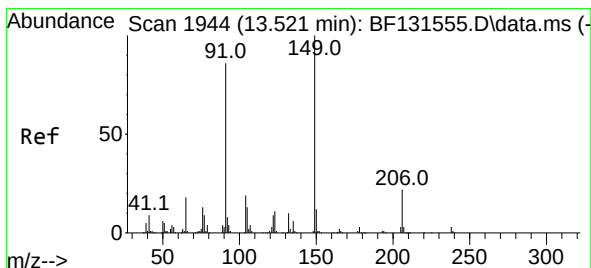
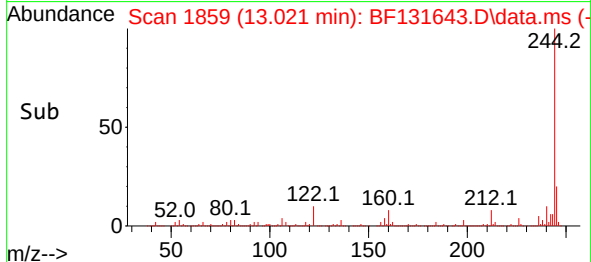
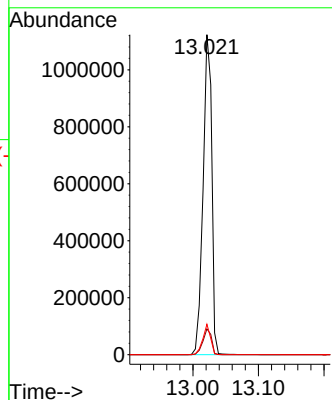
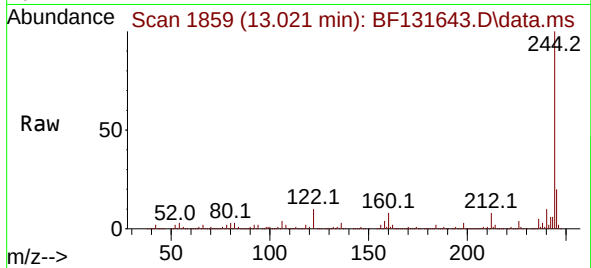




#79
 Terphenyl-d14
 Concen: 77.392 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.000 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

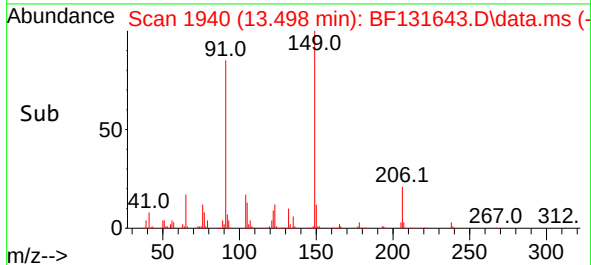
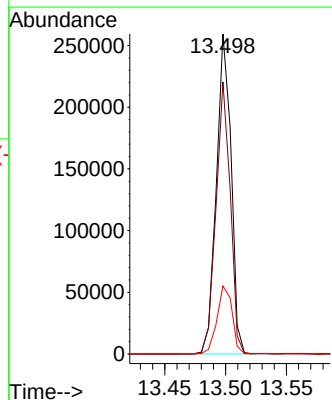
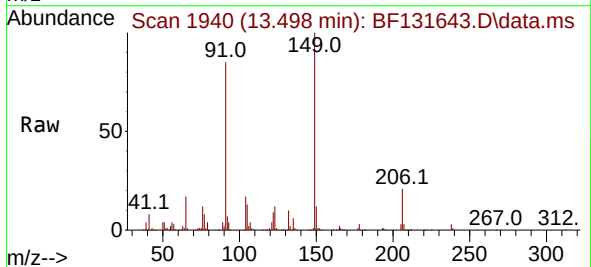
Instrument :
 BNA_F
 ClientSampleId :
 PB149637BS

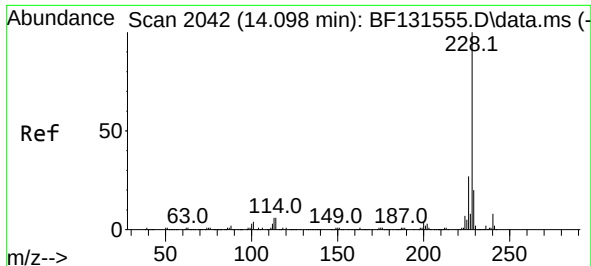
Tgt Ion:244 Resp: 1037042
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 41.558 ng
 RT: 13.498 min Scan# 1940
 Delta R.T. -0.000 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

Tgt Ion:149 Resp: 217928
 Ion Ratio Lower Upper
 149 100
 91 85.0 69.0 103.4
 206 21.2 17.8 26.8

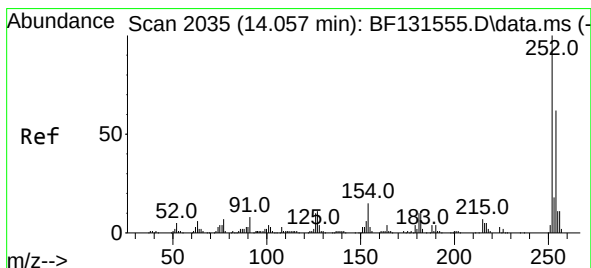
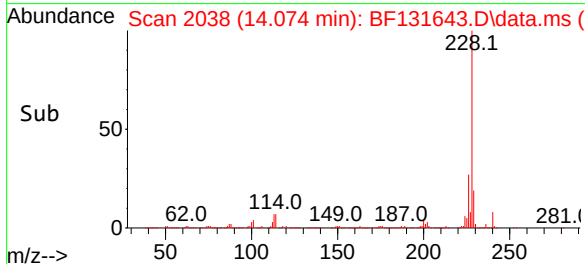
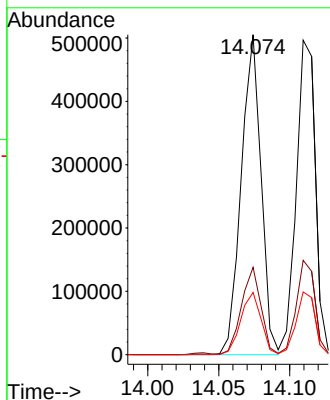
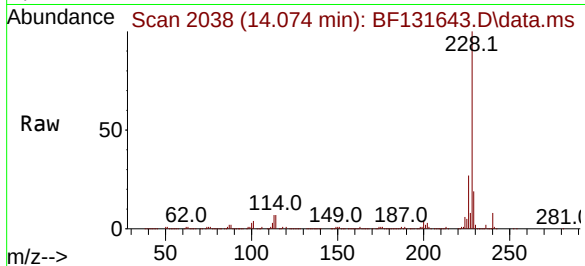




#81
Benzo(a)anthracene
Concen: 36.840 ng
RT: 14.074 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

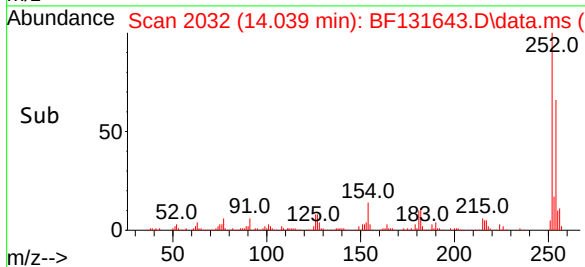
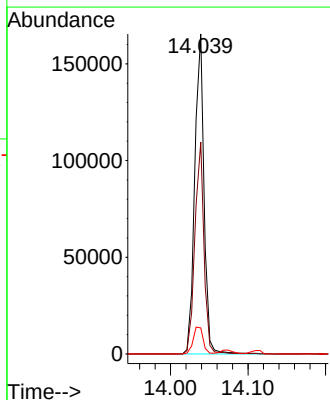
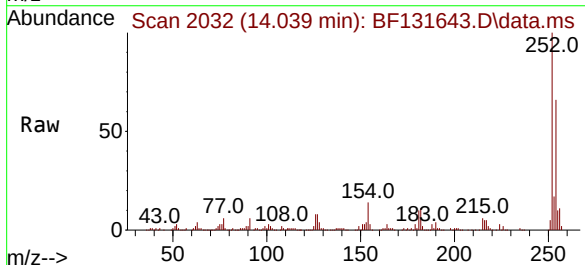
Instrument :
BNA_F
ClientSampleId :
PB149637BS

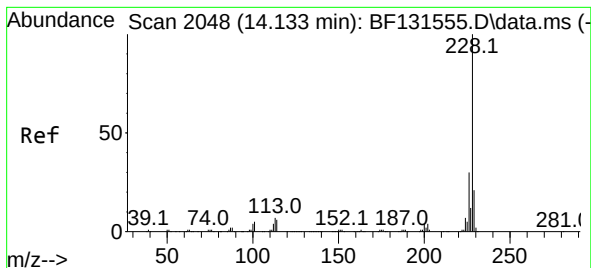
Tgt Ion:228 Resp: 488901
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.513 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF131643.D
Acq: 15 Dec 2022 11:40

Tgt Ion:252 Resp: 137866
Ion Ratio Lower Upper
252 100
254 66.2 49.6 74.4
126 8.2 7.9 11.9





#83

Chrysene

Concen: 36.693 ng

RT: 14.109 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

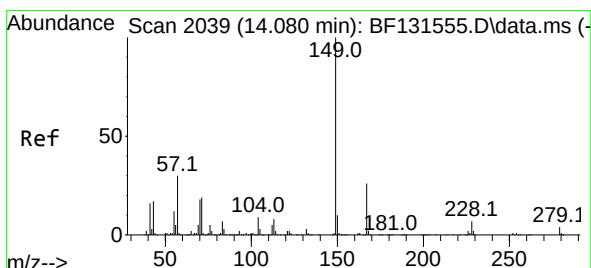
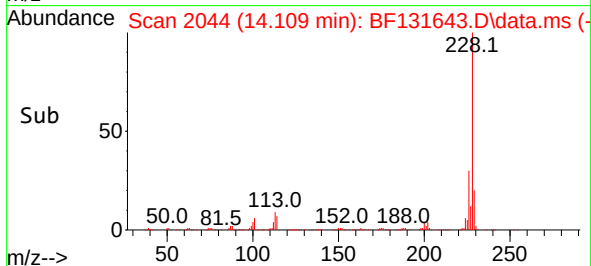
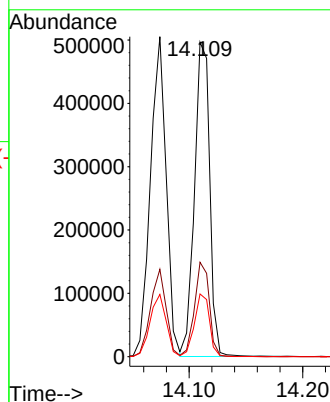
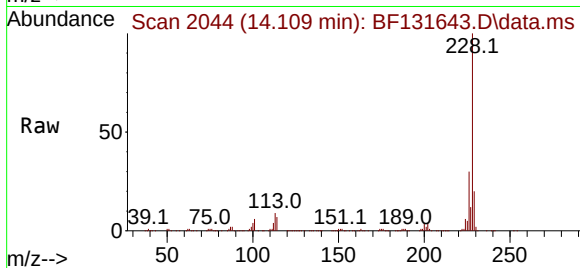
Tgt Ion:228 Resp: 462938

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.9 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.966 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

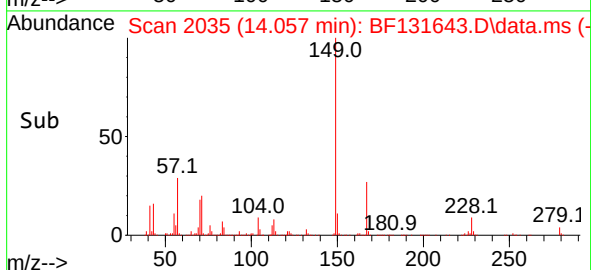
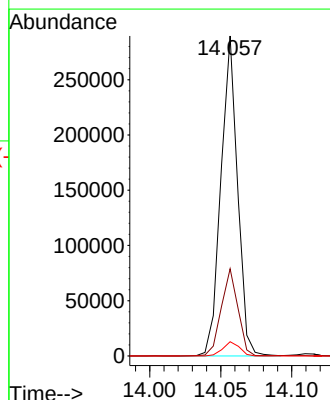
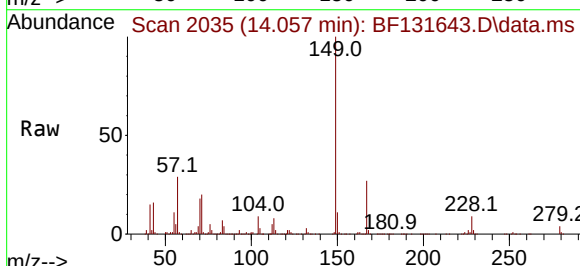
Tgt Ion:149 Resp: 235888

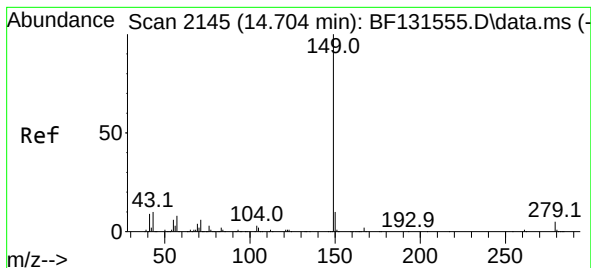
Ion Ratio Lower Upper

149 100

167 27.3 20.8 31.2

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 31.106 ng

RT: 14.674 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

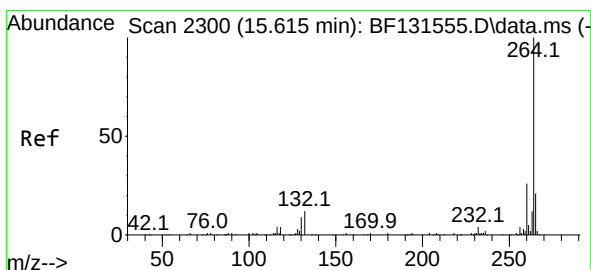
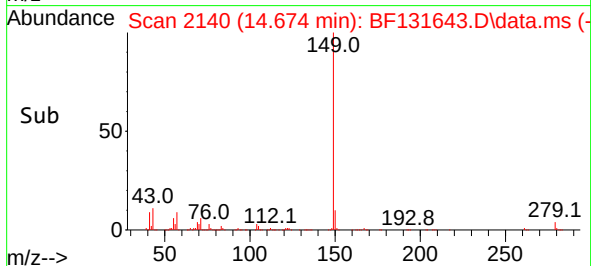
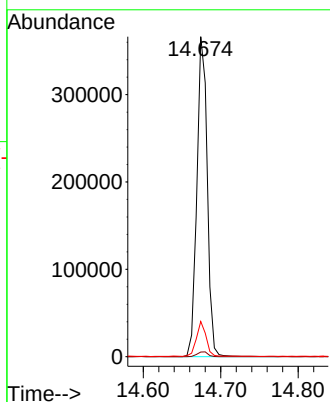
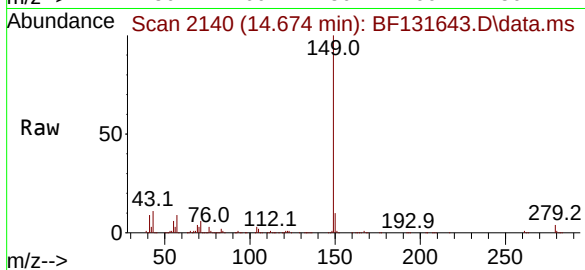
Tgt Ion:149 Resp: 340004

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.4 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: BF131643.D

Acq: 15 Dec 2022 11:40

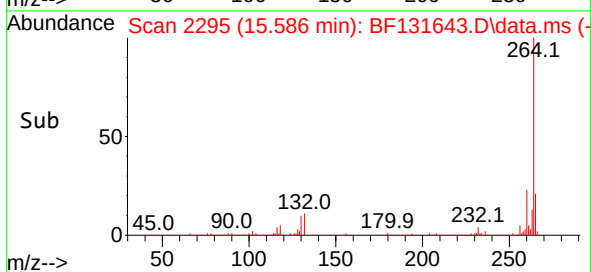
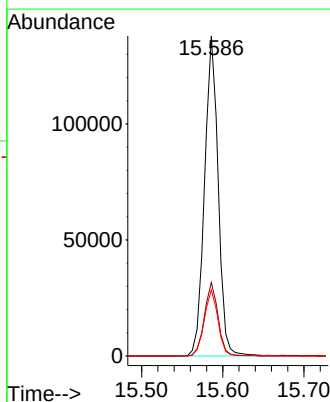
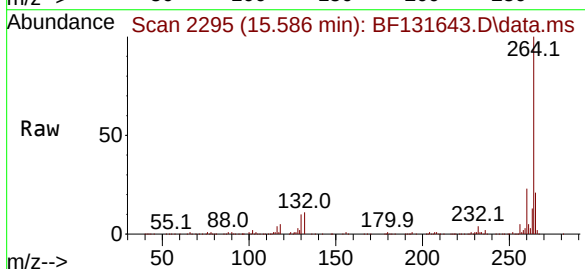
Tgt Ion:264 Resp: 160439

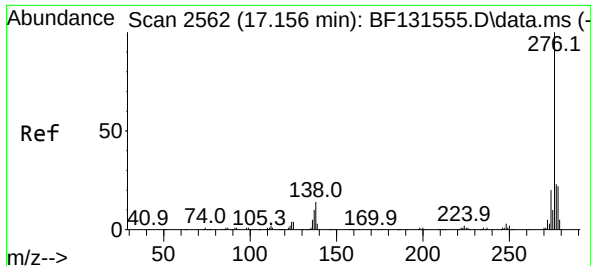
Ion Ratio Lower Upper

264 100

260 23.0 20.6 30.8

265 20.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.044 ng

RT: 17.115 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

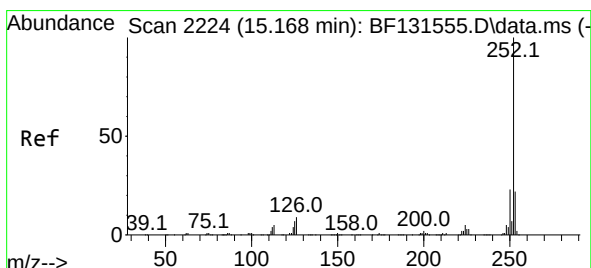
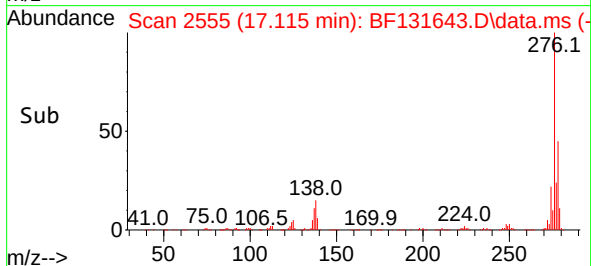
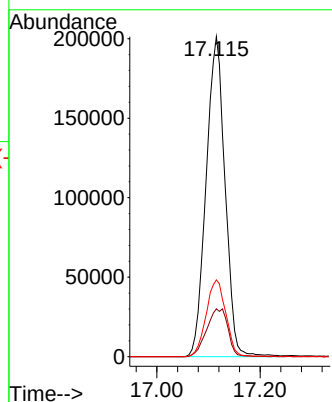
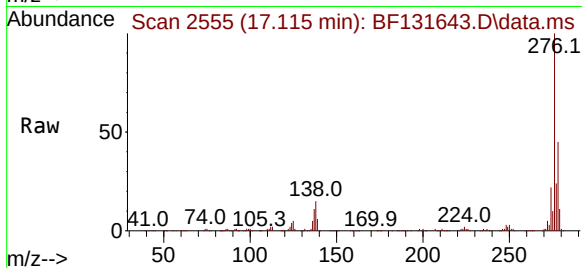
Tgt Ion:276 Resp: 511226

Ion Ratio Lower Upper

276 100

138 16.9 12.7 19.1

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.422 ng

RT: 15.145 min Scan# 2220

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

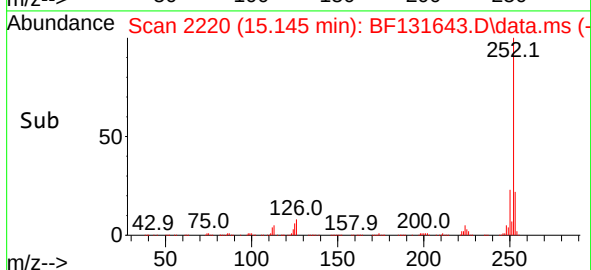
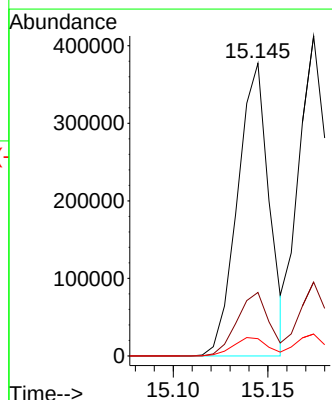
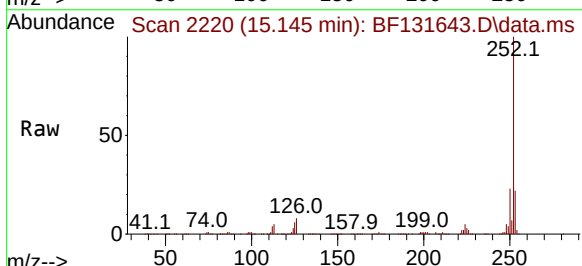
Tgt Ion:252 Resp: 438002

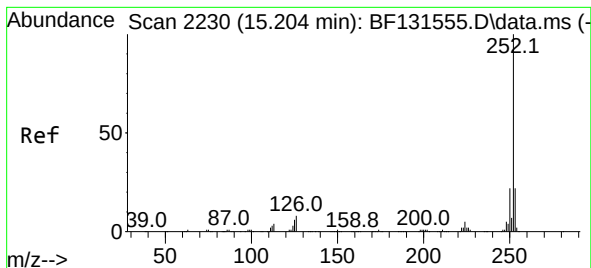
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 5.9 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 39.150 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

Instrument :

BNA_F

ClientSampleId :

PB149637BS

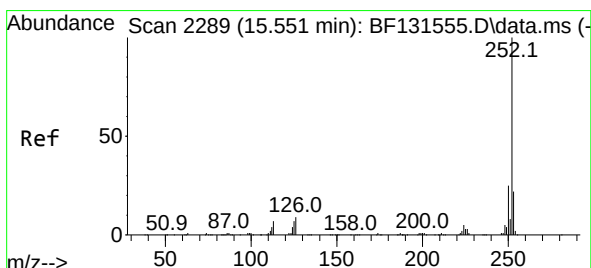
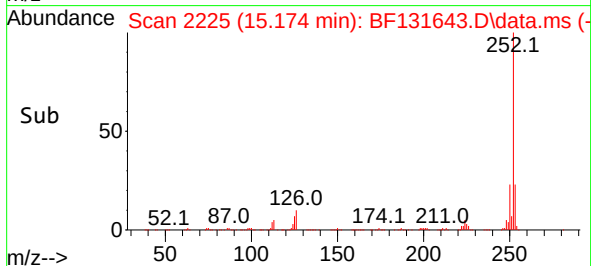
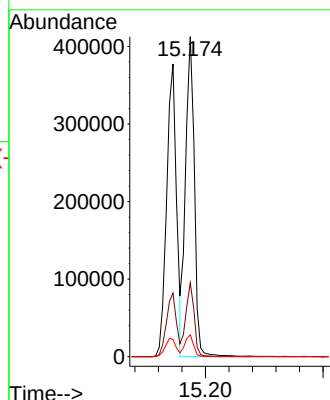
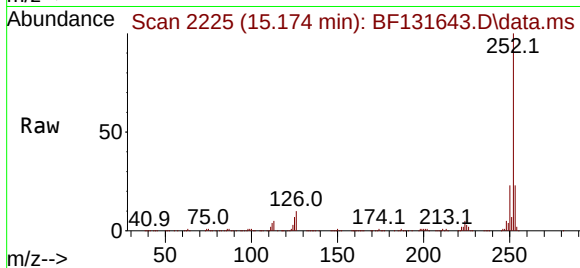
Tgt Ion:252 Resp: 432103

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 6.9 4.9 7.3



#90

Benzo(a)pyrene

Concen: 43.315 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF131643.D

Acq: 15 Dec 2022 11:40

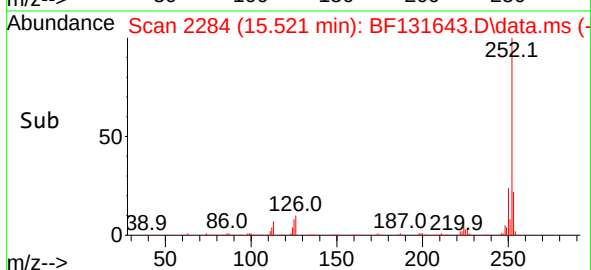
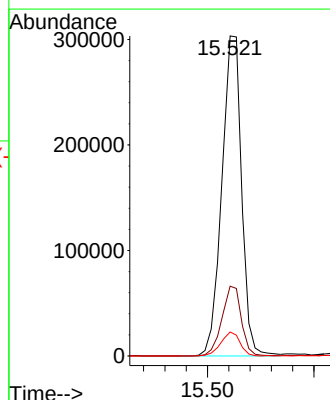
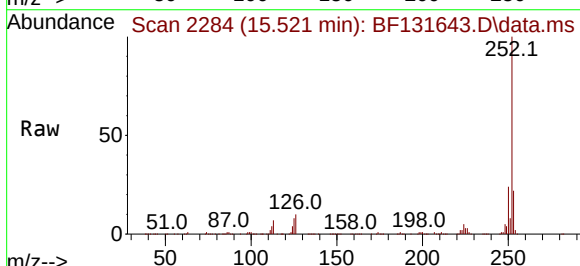
Tgt Ion:252 Resp: 390877

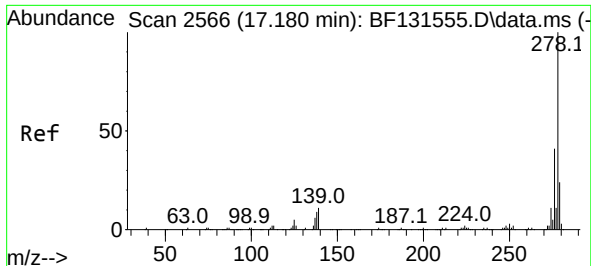
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.5 5.6 8.4

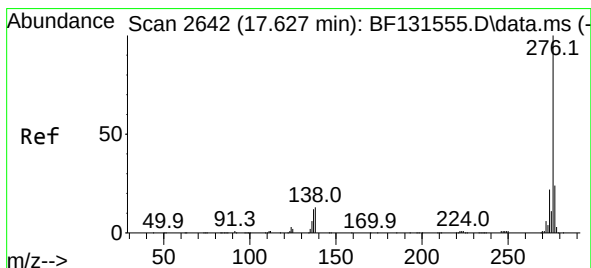
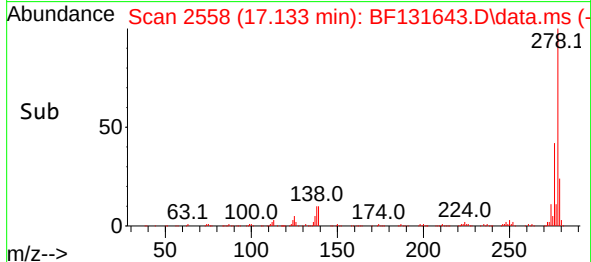
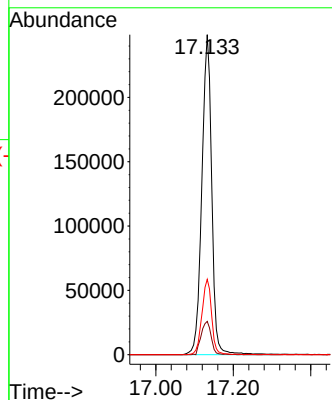
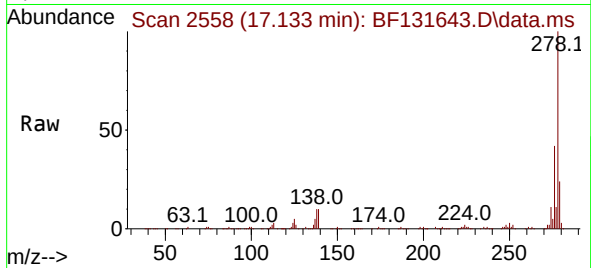




#91
 Dibenzo(a,h)anthracene
 Concen: 40.874 ng
 RT: 17.133 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PB149637BS

Tgt Ion:278 Resp: 440464
 Ion Ratio Lower Upper
 278 100
 139 10.4 8.9 13.3
 279 23.6 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 40.011 ng
 RT: 17.580 min Scan# 2634
 Delta R.T. 0.006 min
 Lab File: BF131643.D
 Acq: 15 Dec 2022 11:40

Tgt Ion:276 Resp: 433339
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.0 28.6
 138 14.7 10.7 16.1

