

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
 Data File : BF131231.D
 Acq On : 14 Nov 2022 17:45
 Operator : CG\JU
 Sample : PB148810BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS

Quant Time: Nov 15 04:44:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 03:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	81661	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	332462	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	186332	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	290697	20.000	ng	0.00
76) Chrysene-d12	13.992	240	241897	20.000	ng	0.00
86) Perylene-d12	15.451	264	136538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	590324	110.594	ng	0.02
7) Phenol-d6	6.451	99	795852	119.783	ng	0.00
23) Nitrobenzene-d5	7.381	82	549845	70.958	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	211163	114.418	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	952099	70.960	ng	0.00
79) Terphenyl-d14	12.933	244	942091	66.819	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	64776	28.108	ng	99
3) Pyridine	3.351	79	187860	29.026	ng	96
4) n-Nitrosodimethylamine	3.322	42	155614	35.560	ng	94
6) Aniline	6.475	93	166978	20.138	ng	97
8) 2-Chlorophenol	6.592	128	238768	43.240	ng	93
9) Benzaldehyde	6.363	77	16716	4.172	ng	90
10) Phenol	6.463	94	297273	37.898	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	242728	43.036	ng	96
12) 1,3-Dichlorobenzene	6.745	146	253981	40.980	ng	96
13) 1,4-Dichlorobenzene	6.828	146	255204	38.898	ng	98
14) 1,2-Dichlorobenzene	6.975	146	243320	42.314	ng	98
15) Benzyl Alcohol	6.957	79	187631	41.802	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	433630	42.504	ng	89
17) 2-Methylphenol	7.069	107	209588	42.380	ng	98
18) Hexachloroethane	7.316	117	102123	38.588	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	183641	40.167	ng	97
20) 3+4-Methylphenols	7.222	107	243585	40.249	ng	# 86
22) Acetophenone	7.222	105	344818	38.618	ng	97
24) Nitrobenzene	7.398	77	283378	36.739	ng	99
25) Isophorone	7.639	82	501958	39.940	ng	99
26) 2-Nitrophenol	7.710	139	125119	37.846	ng	92
27) 2,4-Dimethylphenol	7.751	122	211802	44.714	ng	98
28) bis(2-Chloroethoxy)met...	7.845	93	295210	44.337	ng	99
29) 2,4-Dichlorophenol	7.957	162	202682	39.265	ng	99
30) 1,2,4-Trichlorobenzene	8.033	180	210312	35.972	ng	100
31) Naphthalene	8.116	128	680700	37.486	ng	100
32) Benzoic acid	7.898	122	117408	49.757	ng	98
33) 4-Chloroaniline	8.169	127	109064	15.454	ng	94
34) Hexachlorobutadiene	8.228	225	142801	35.280	ng	99
35) Caprolactam	8.551	113	67472m	43.819	ng	
36) 4-Chloro-3-methylphenol	8.663	107	232854	38.638	ng	100
37) 2-Methylnaphthalene	8.810	142	437938	38.347	ng	99
38) 1-Methylnaphthalene	8.910	142	406965	37.381	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	222702	36.267	ng	98
41) Hexachlorocyclopentadiene	8.957	237	209728	164.231	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	138708	38.545	ng	97

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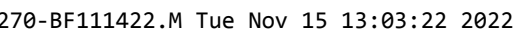
Instrument :
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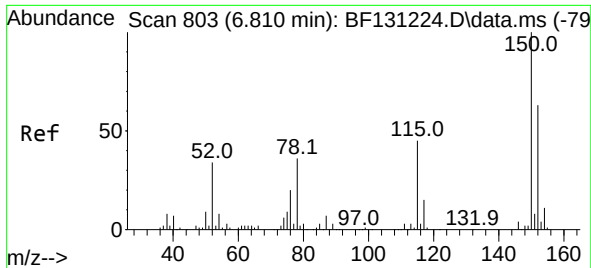
Quant Time: Nov 15 04:44:15 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 03:52:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	154709	39.392	ng	97
46) 1,1'-Biphenyl	9.274	154	543548	38.817	ng	100
47) 2-Chloronaphthalene	9.298	162	428517	37.296	ng	99
48) 2-Nitroaniline	9.404	65	168845	38.311	ng	99
49) Acenaphthylene	9.716	152	645825	36.990	ng	99
50) Dimethylphthalate	9.580	163	523750	37.370	ng	100
51) 2,6-Dinitrotoluene	9.645	165	112241	36.309	ng	95
52) Acenaphthene	9.886	154	387950	34.977	ng	100
53) 3-Nitroaniline	9.816	138	62975	19.230	ng	95
54) 2,4-Dinitrophenol	9.933	184	118737	76.202	ng	96
55) Dibenzofuran	10.063	168	567273	33.732	ng	99
56) 4-Nitrophenol	9.992	139	132456	75.965	ng	95
57) 2,4-Dinitrotoluene	10.057	165	147904	37.286	ng	94
58) Fluorene	10.404	166	457919	32.138	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	123095	35.317	ng	99
60) Diethylphthalate	10.280	149	516709	34.526	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	225561	33.877	ng	98
62) 4-Nitroaniline	10.439	138	110349	30.722	ng	96
63) Azobenzene	10.557	77	522132	33.889	ng	100
65) 4,6-Dinitro-2-methylph...	10.463	198	83075	37.733	ng	91
66) n-Nitrosodiphenylamine	10.516	169	422422	37.569	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	123301	35.875	ng	97
68) Hexachlorobenzene	10.951	284	123548	32.803	ng	97
69) Atrazine	11.045	200	66937	20.824	ng	98
70) Pentachlorophenol	11.151	266	98385	71.717	ng	95
71) Phenanthrene	11.368	178	523887	31.268	ng	99
72) Anthracene	11.421	178	590819	36.801	ng	99
73) Carbazole	11.580	167	508635	33.107	ng	100
74) Di-n-butylphthalate	11.904	149	648973	34.281	ng	99
75) Fluoranthene	12.557	202	730975	39.547	ng	99
77) Benzidine	12.680	184	65791	10.144	ng	99
78) Pyrene	12.786	202	660039	32.097	ng	99
80) Butylbenzylphthalate	13.404	149	269876	32.738	ng	95
81) Benzo(a)anthracene	13.980	228	641970	37.348	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	139310	27.841	ng	99
83) Chrysene	14.015	228	598522	36.532	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	430001	41.027	ng	99
85) Di-n-octyl phthalate	14.574	149	438056	28.720	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	365138	38.952	ng	100
88) Benzo(b)fluoranthene	15.021	252	485898m	48.567	ng	
89) Benzo(k)fluoranthene	15.056	252	447304	47.551	ng	99
90) Benzo(a)pyrene	15.386	252	293701	37.511	ng	# 96
91) Dibenzo(a,h)anthracene	16.933	278	308257	40.186	ng	99
92) Benzo(g,h,i)perylene	17.362	276	327388	41.212	ng	97

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

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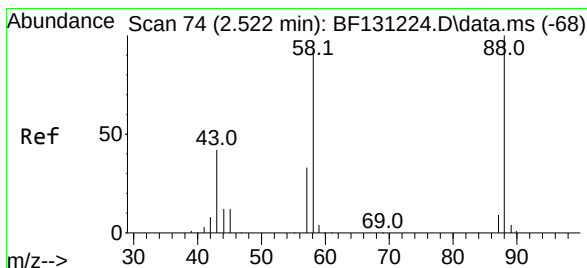
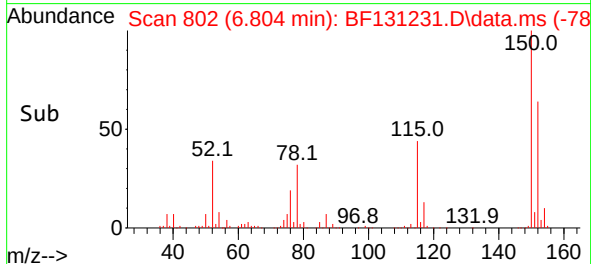
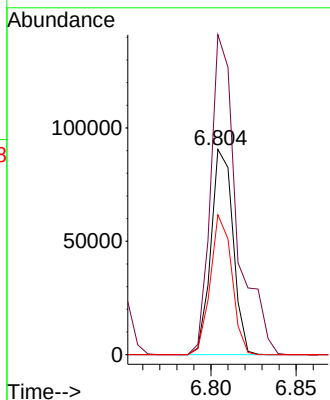
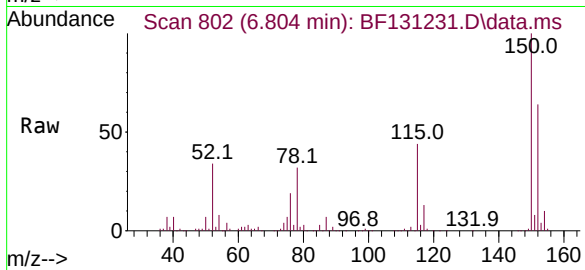




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

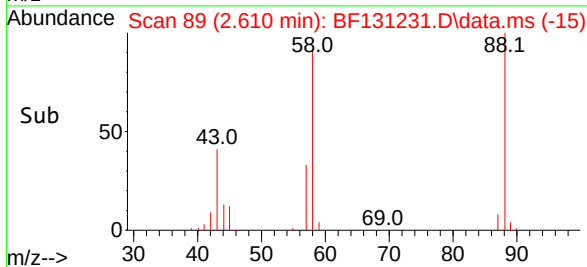
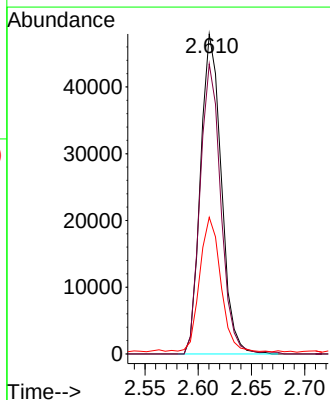
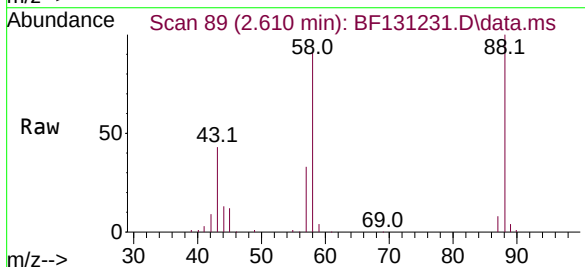
Instrument :
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 PB148810BS

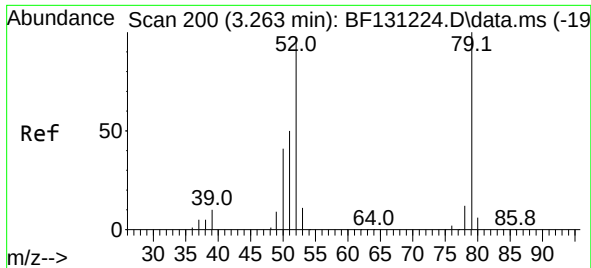
Tgt Ion:152 Resp: 81661
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 68.1 56.8 85.2



#2
 1,4-Dioxane
 Concen: 28.108 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.088 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Tgt Ion: 88 Resp: 64776
 Ion Ratio Lower Upper
 88 100
 58 90.0 72.7 109.1
 43 42.6 33.8 50.8





#3

Pyridine

Concen: 29.026 ng

RT: 3.351 min Scan# 210

Delta R.T. 0.088 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

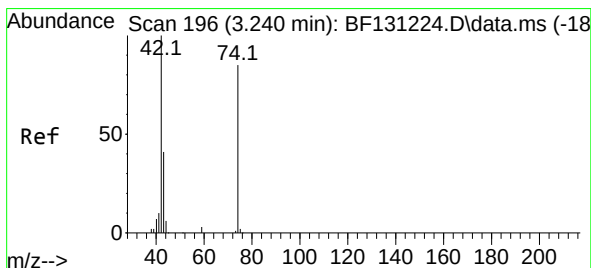
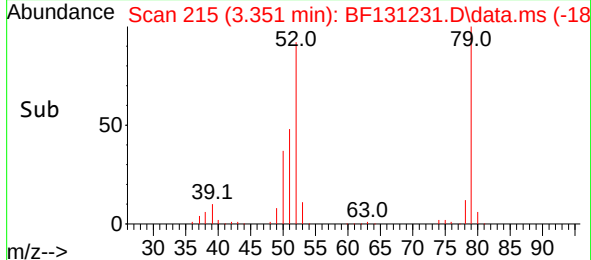
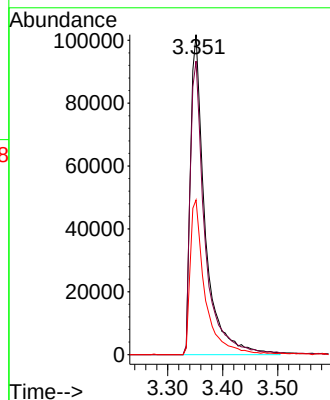
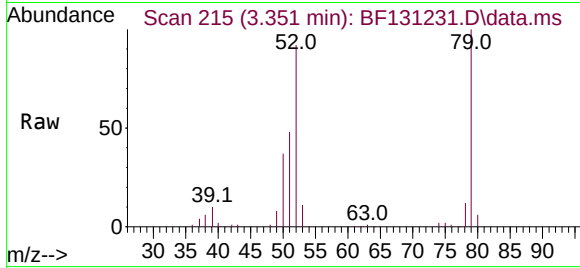
Tgt Ion: 79 Resp: 187860

Ion Ratio Lower Upper

79 100

52 91.7 77.5 116.3

51 48.3 40.3 60.5



#4

n-Nitrosodimethylamine

Concen: 35.560 ng

RT: 3.322 min Scan# 210

Delta R.T. 0.082 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

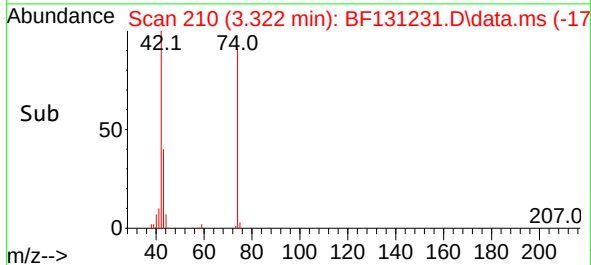
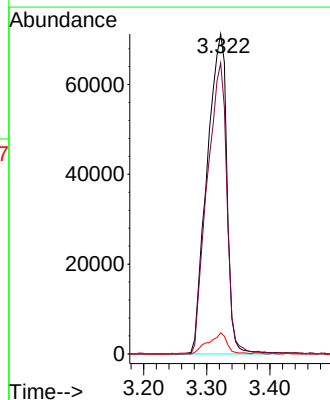
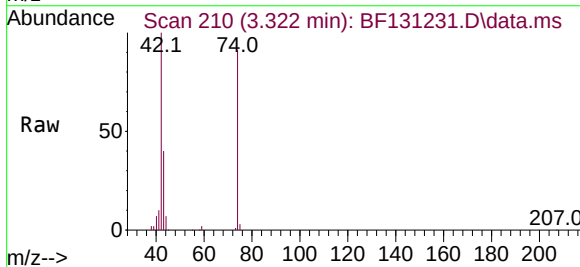
Tgt Ion: 42 Resp: 155614

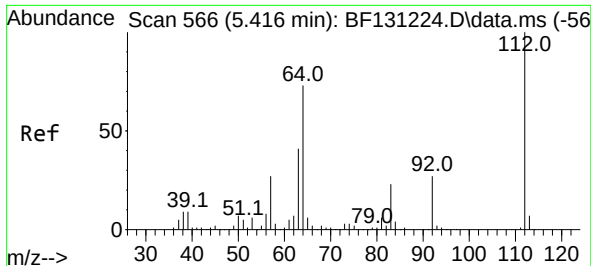
Ion Ratio Lower Upper

42 100

74 90.9 68.0 102.0

44 6.6 4.8 7.2

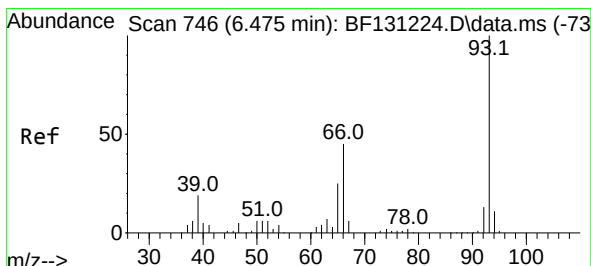
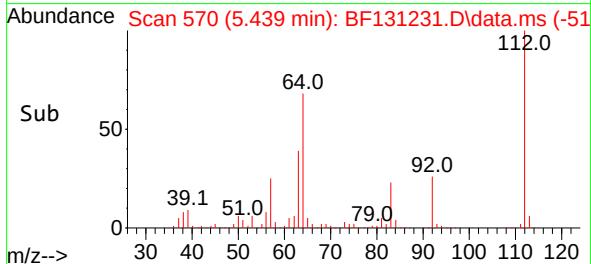
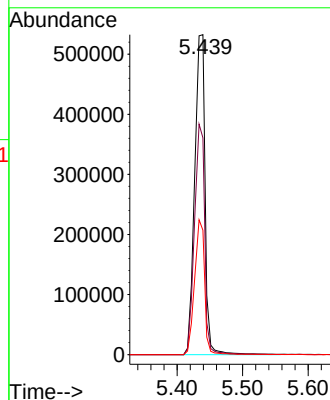
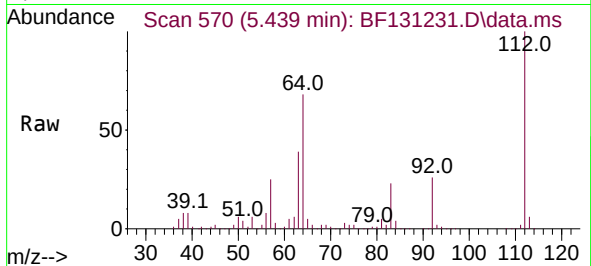




#5
2-Fluorophenol
Concen: 110.594 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

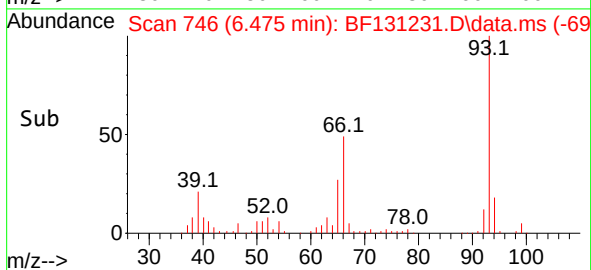
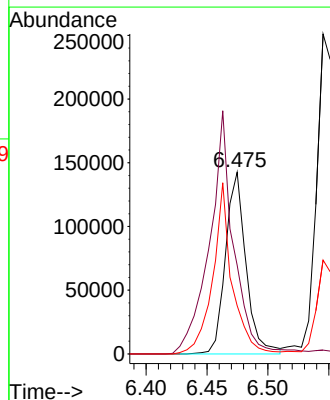
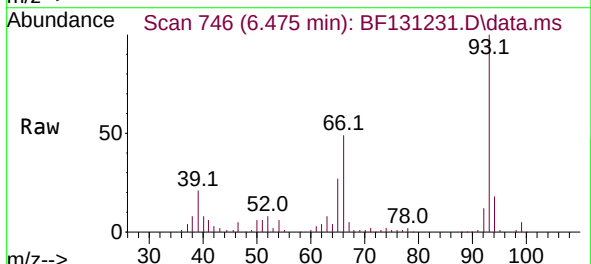
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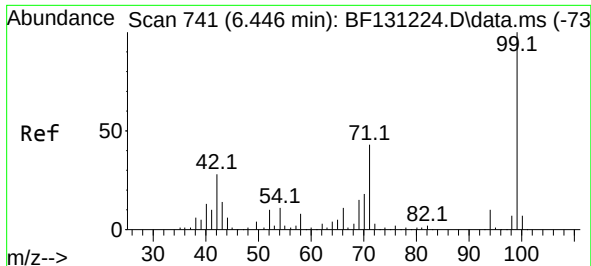
Tgt Ion:112 Resp: 590324
Ion Ratio Lower Upper
112 100
64 67.7 58.6 87.8
63 38.9 32.6 49.0



#6
Aniline
Concen: 20.138 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion: 93 Resp: 166978
Ion Ratio Lower Upper
93 100
66 48.8 37.0 55.6
65 26.6 20.6 30.8

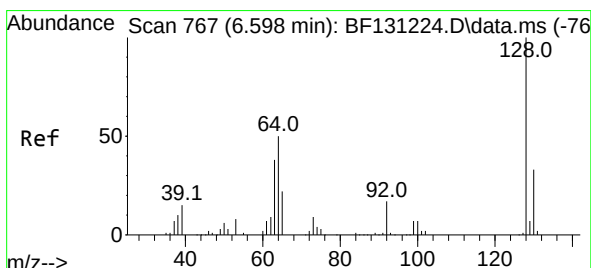
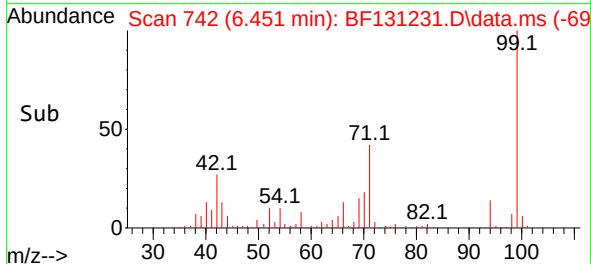
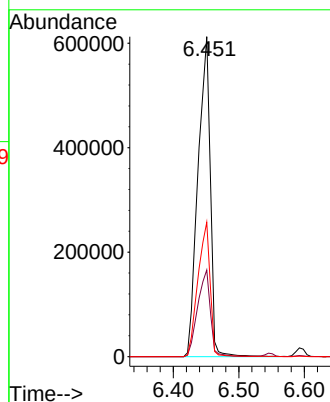
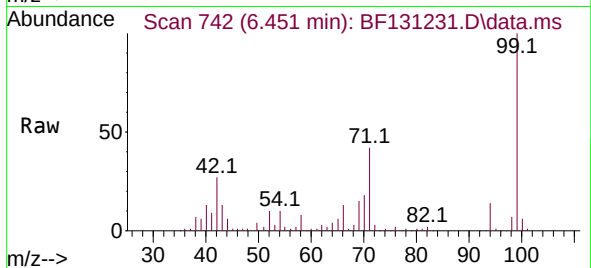




#7
Phenol-d6
Concen: 119.783 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

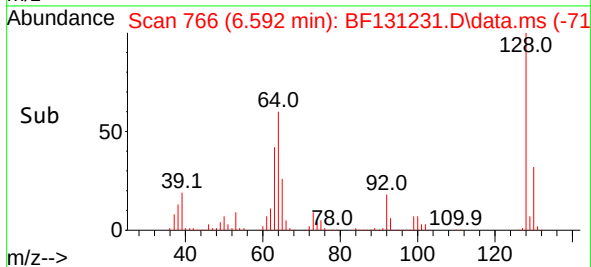
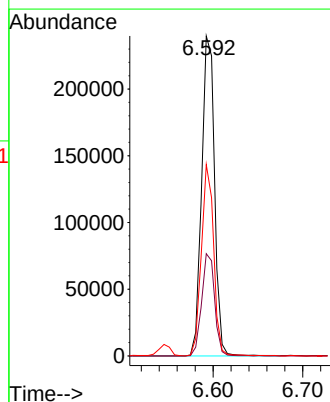
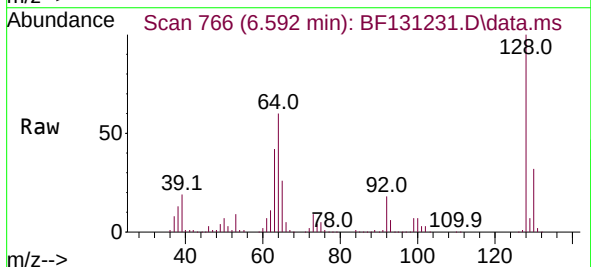
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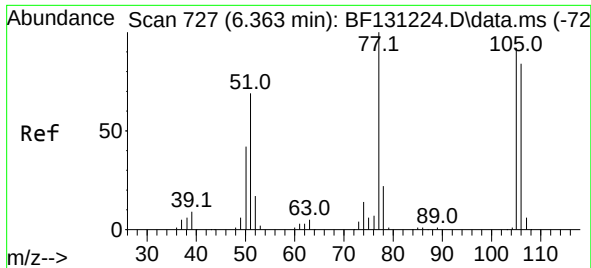
Tgt Ion: 99 Resp: 795852
Ion Ratio Lower Upper
99 100
42 27.1 22.5 33.7
71 42.0 34.5 51.7



#8
2-Chlorophenol
Concen: 43.240 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:128 Resp: 238768
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 59.8 31.8 71.8





#9

Benzaldehyde

Concen: 4.172 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

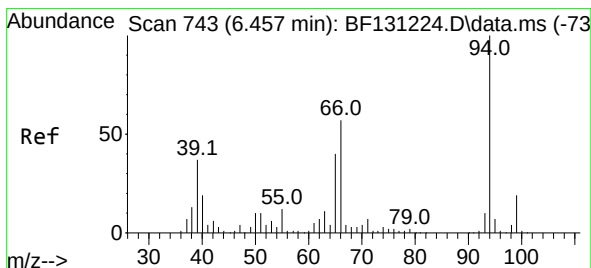
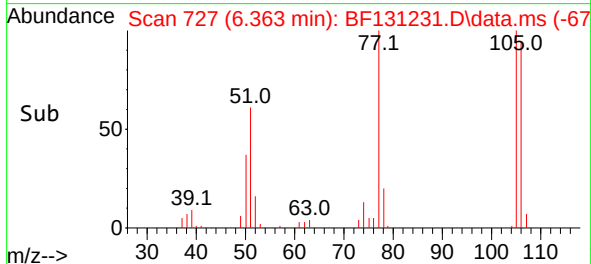
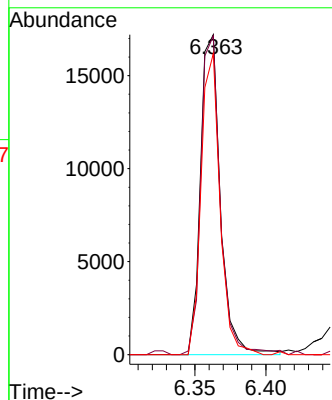
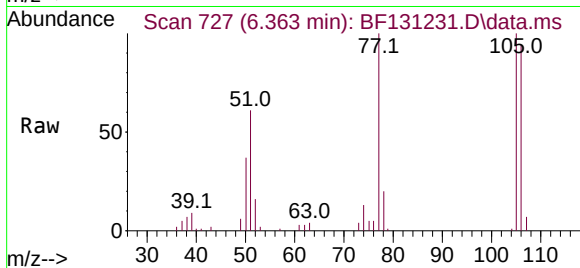
Tgt Ion: 77 Resp: 16716

Ion Ratio Lower Upper

77 100

105 99.6 71.8 111.8

106 94.1 63.6 103.6



#10

Phenol

Concen: 37.898 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

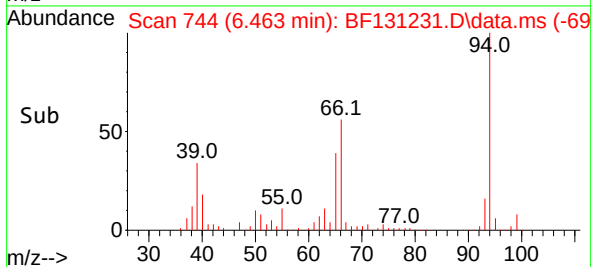
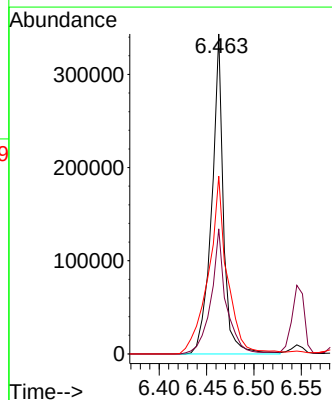
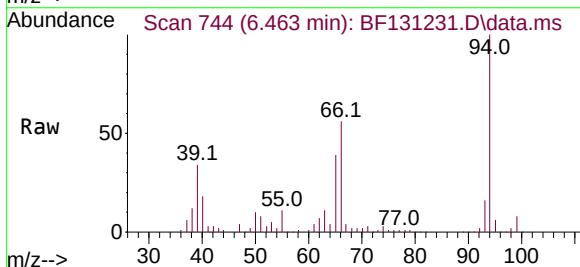
Tgt Ion: 94 Resp: 297273

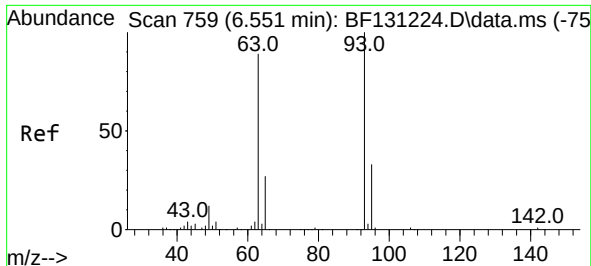
Ion Ratio Lower Upper

94 100

65 39.1 20.2 60.2

66 55.5 36.8 76.8





#11

bis(2-Chloroethyl)ether

Concen: 43.036 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

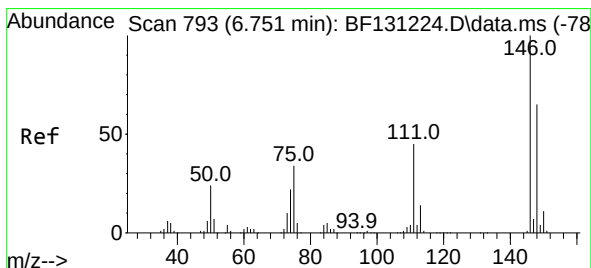
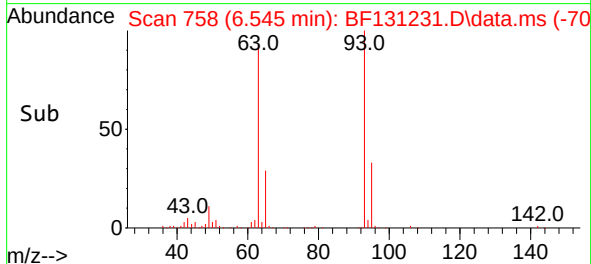
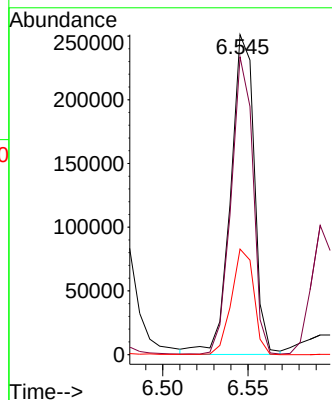
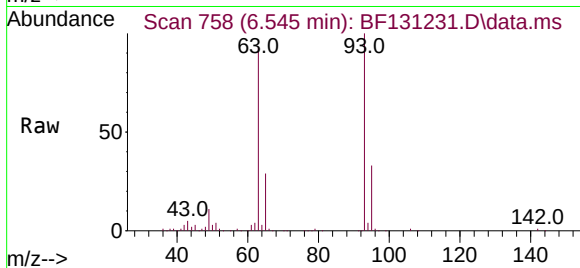
Tgt Ion: 93 Resp: 242728

Ion Ratio Lower Upper

93 100

63 93.0 68.7 108.7

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.980 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

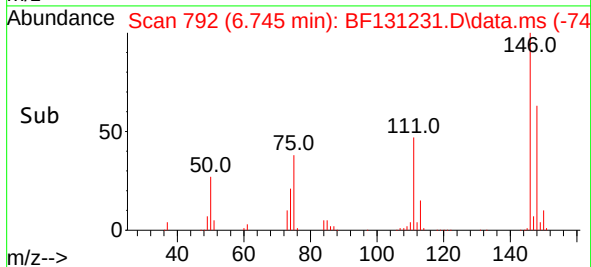
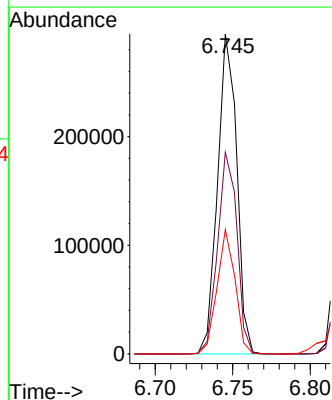
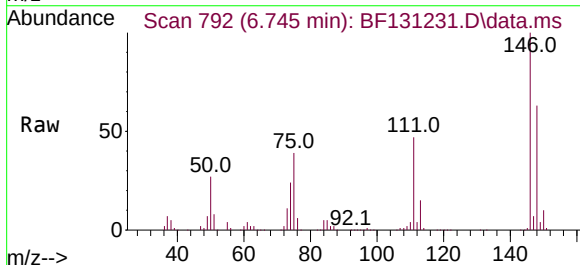
Tgt Ion: 146 Resp: 253981

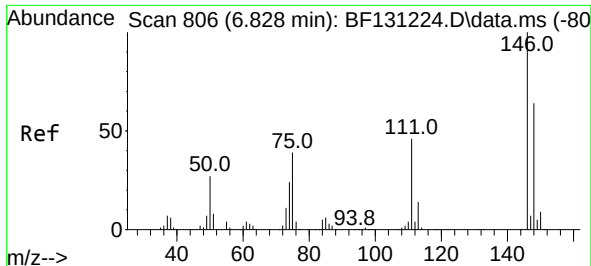
Ion Ratio Lower Upper

146 100

148 63.0 51.6 77.4

75 38.8 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 38.898 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

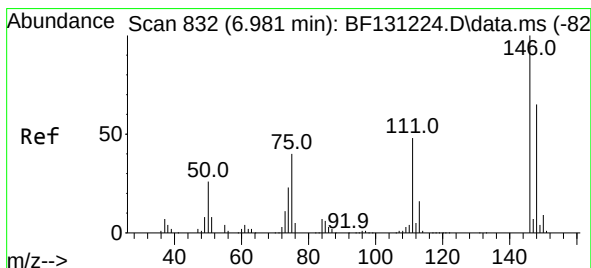
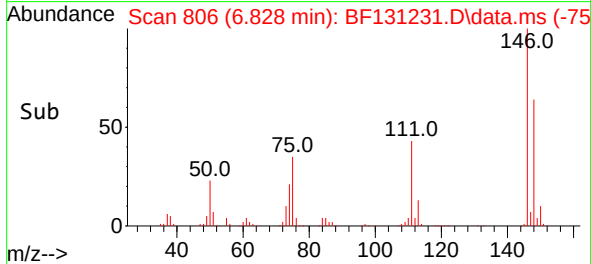
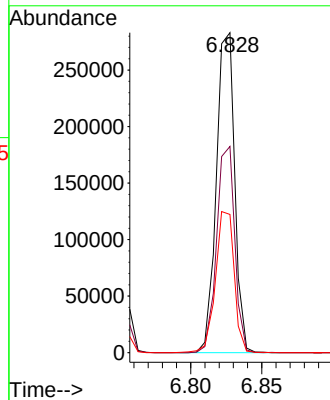
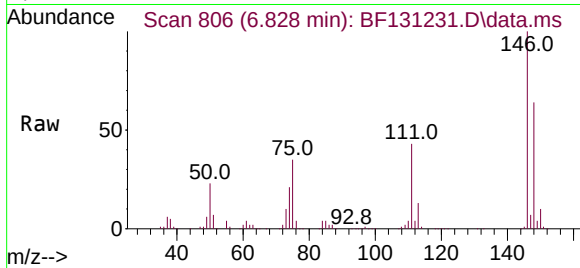
Tgt Ion:146 Resp: 255204

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

111 43.2 36.7 55.1



#14

1,2-Dichlorobenzene

Concen: 42.314 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

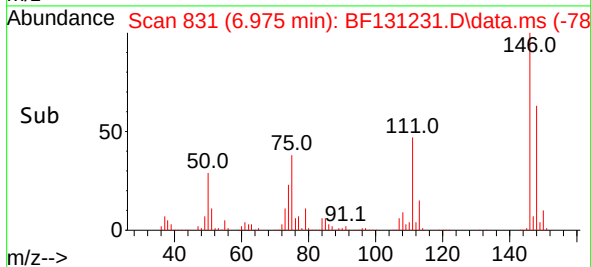
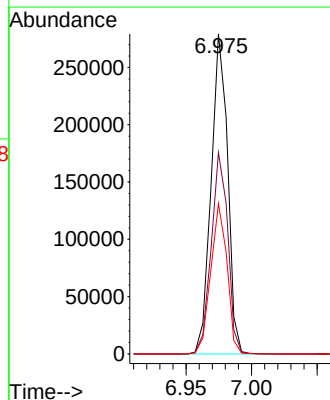
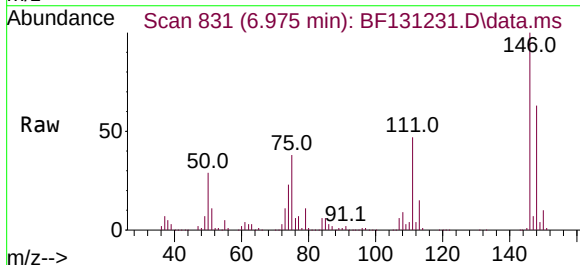
Tgt Ion:146 Resp: 243320

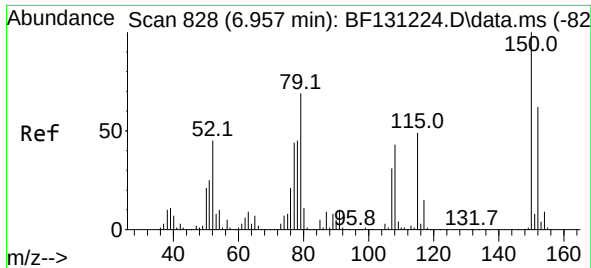
Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

111 47.0 38.2 57.2

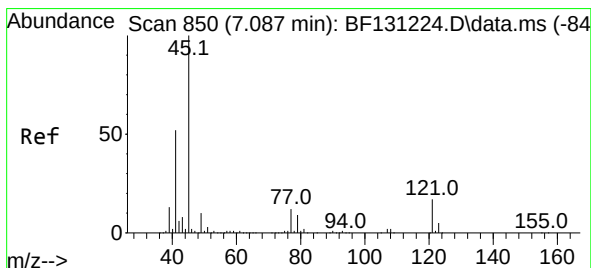
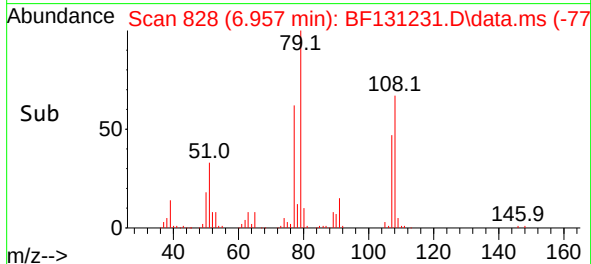
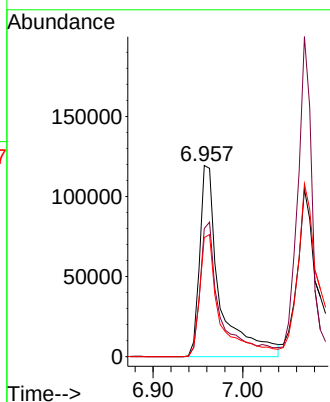
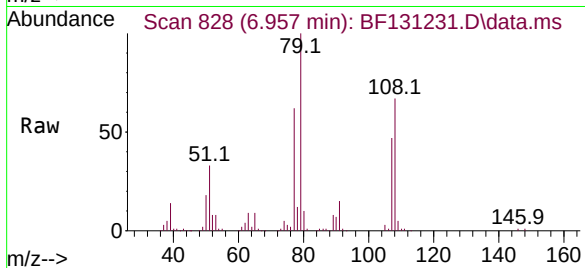




#15
Benzyl Alcohol
Concen: 41.802 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

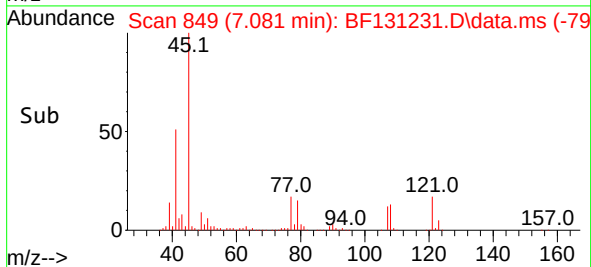
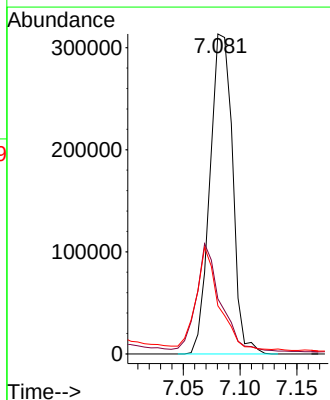
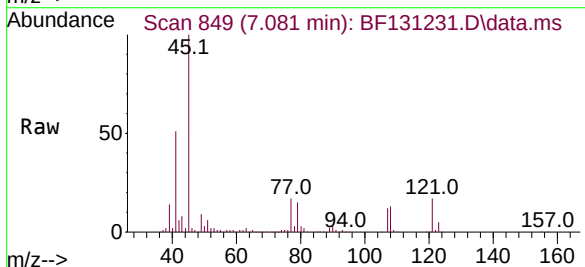
Instrument :
BNA_F
ClientSampleId :
PB148810BS

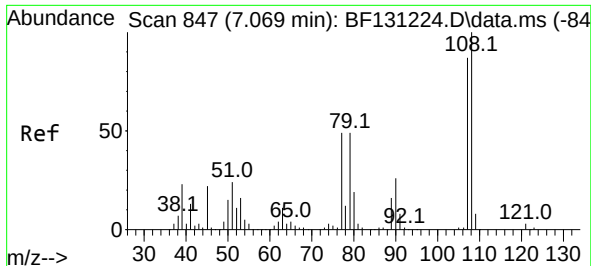
Tgt Ion: 79 Resp: 187631
Ion Ratio Lower Upper
79 100
108 67.0 49.8 74.6
77 62.3 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.504 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

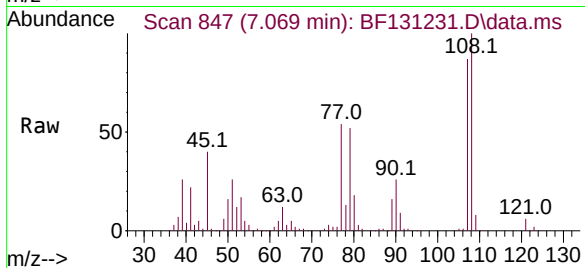
Tgt Ion: 45 Resp: 433630
Ion Ratio Lower Upper
45 100
77 17.2 0.0 33.3
79 15.0 0.0 30.7



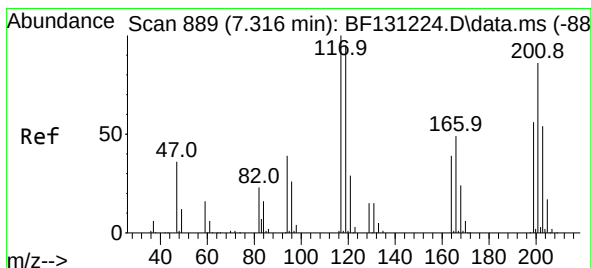
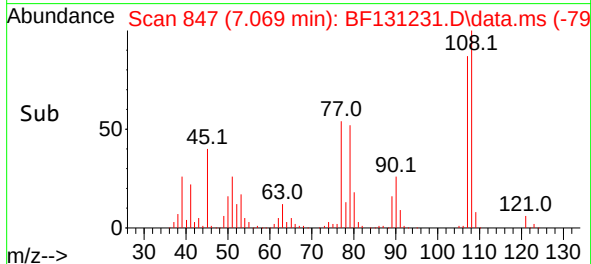
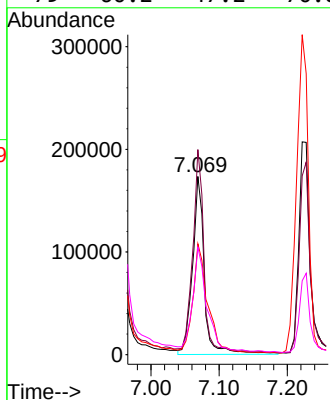


#17
2-Methylphenol
Concen: 42.380 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Instrument :
BNA_F
ClientSampleId :
PB148810BS

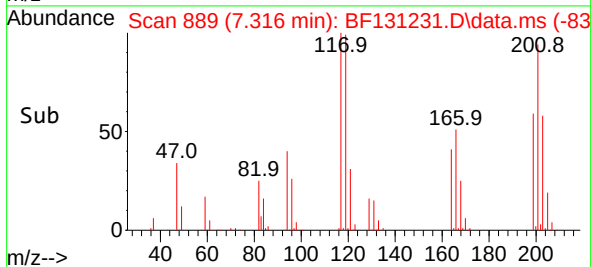
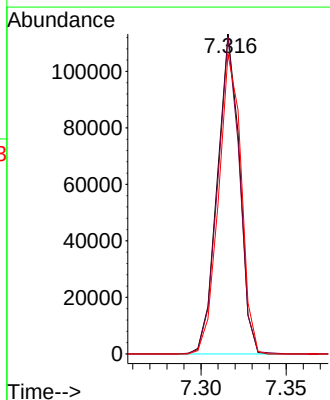
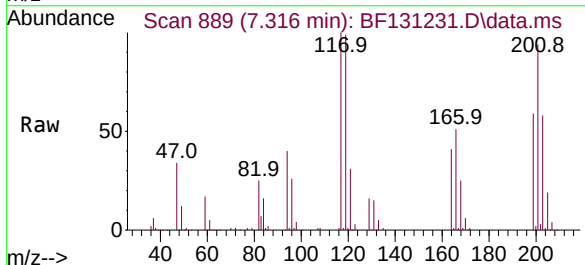


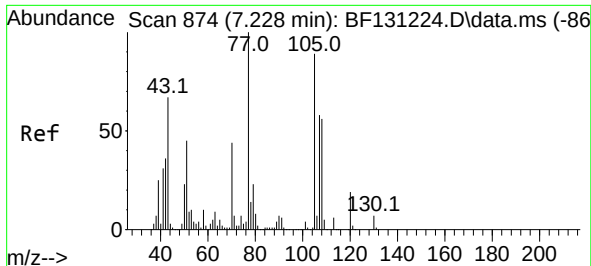
Tgt Ion:	107	Resp:	209588
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.2	138.4
77	62.2	46.3	69.5
79	60.2	47.2	70.8



#18
Hexachloroethane
Concen: 38.588 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:	117	Resp:	102123
Ion	Ratio	Lower	Upper
117	100		
119	99.1	75.8	113.6
201	93.6	69.2	103.8

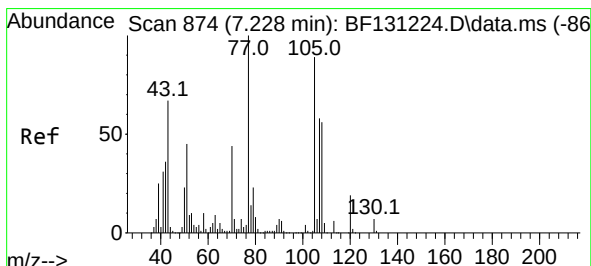
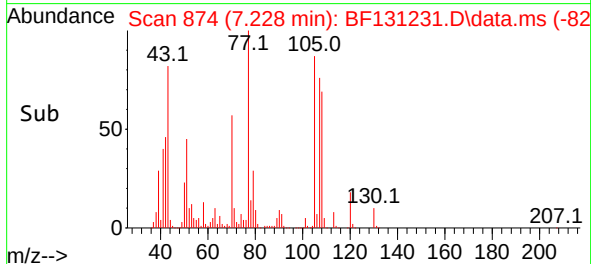
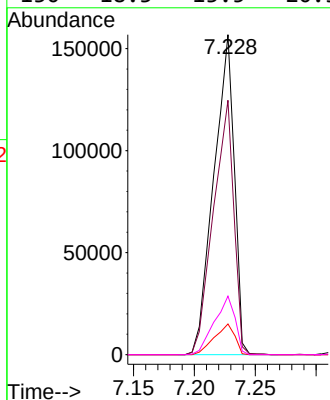
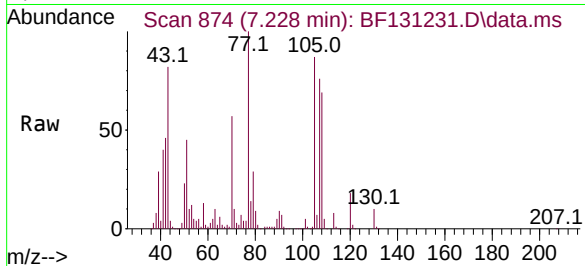




#19
n-Nitroso-di-n-propylamine
Concen: 40.167 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

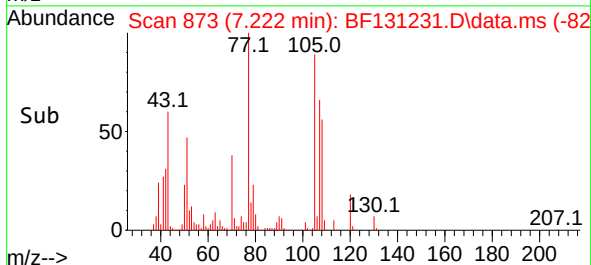
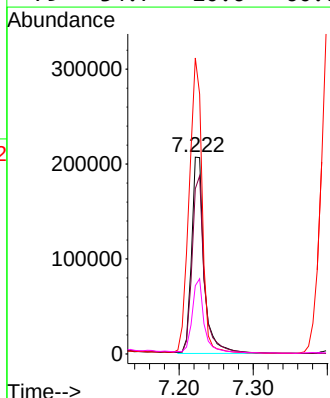
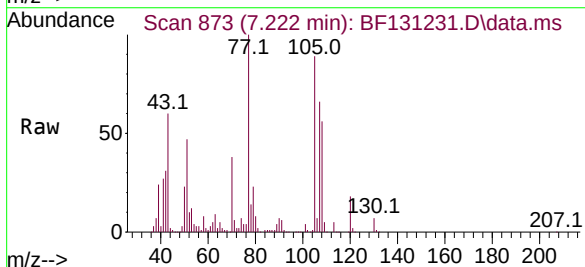
Instrument :
BNA_F
ClientSampleId :
PB148810BS

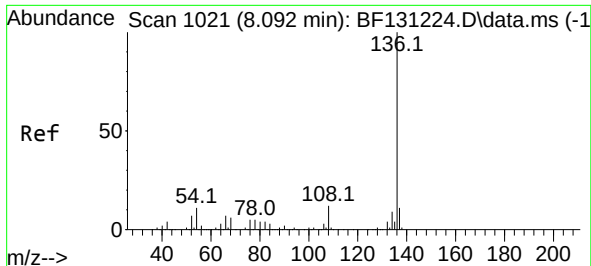
Tgt Ion:	70	Resp:	183641
Ion	Ratio	Lower	Upper
70	100		
42	79.5	65.8	98.6
101	9.6	7.4	11.0
130	18.3	13.5	20.3



#20
3+4-Methylphenols
Concen: 40.249 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:	107	Resp:	243585
Ion	Ratio	Lower	Upper
107	100		
108	84.0	76.5	116.5
77	150.4	151.6	191.6#
79	34.7	20.6	60.6



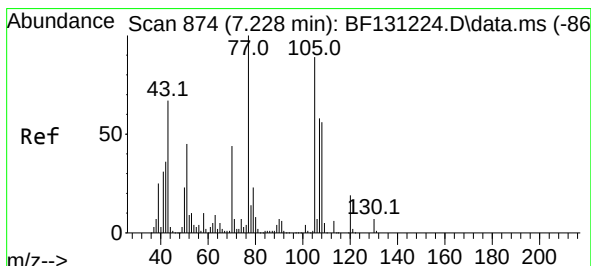
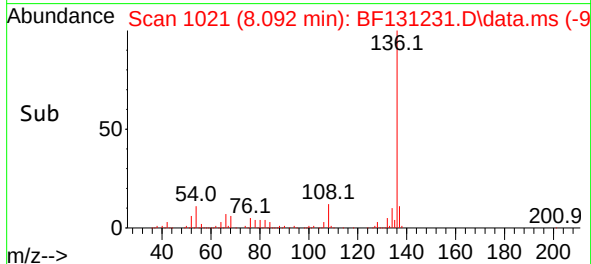
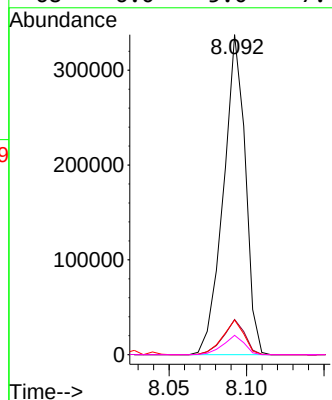
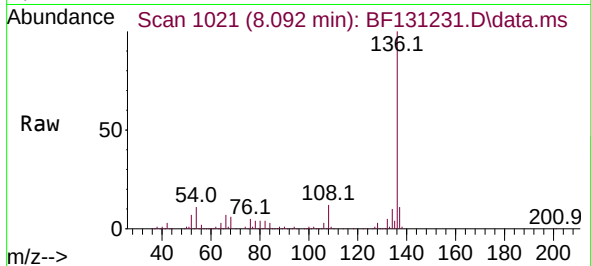


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Instrument :
BNA_F
ClientSampleId :
PB148810BS

Tgt Ion:136 Resp: 332462

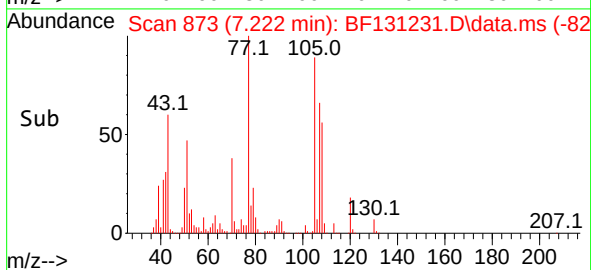
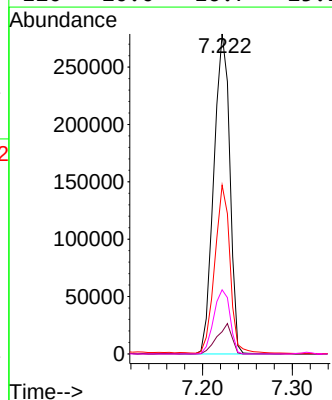
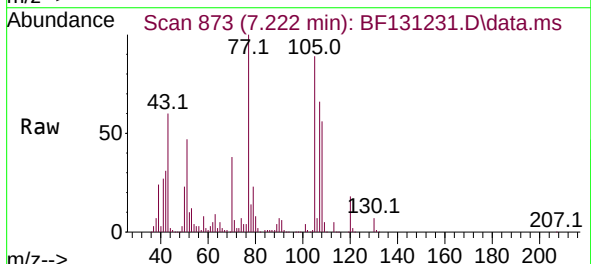
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.8	9.0	13.4
68	6.0	5.0	7.4

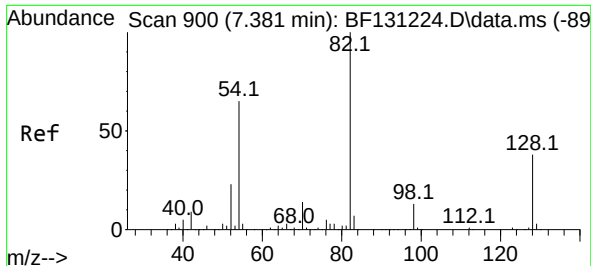


#22
Acetophenone
Concen: 38.618 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:105 Resp: 344818

Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.3	9.5
51	52.7	40.6	60.8
120	20.0	16.7	25.1

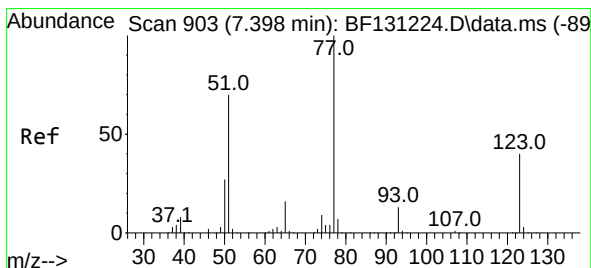
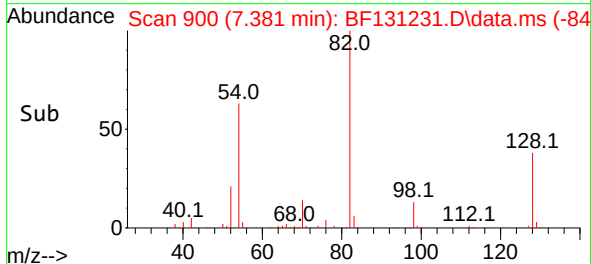
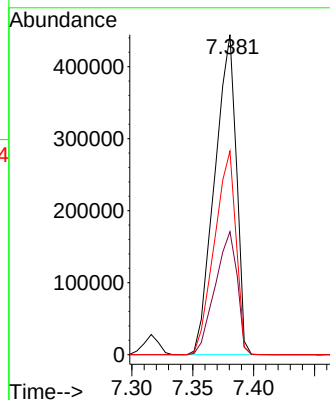
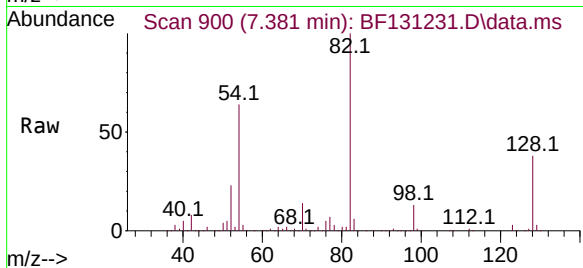




#23
Nitrobenzene-d5
Concen: 70.958 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

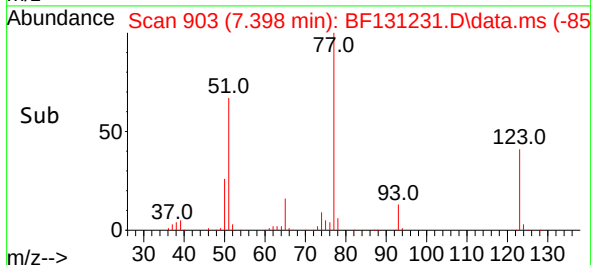
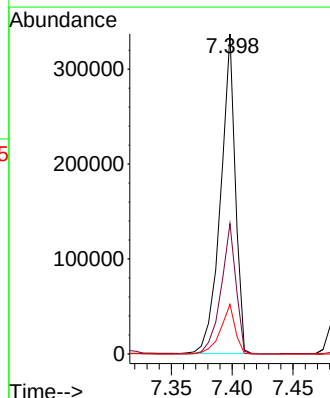
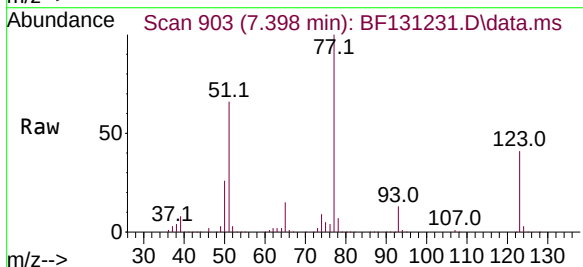
Instrument :
BNA_F
ClientSampleId :
PB148810BS

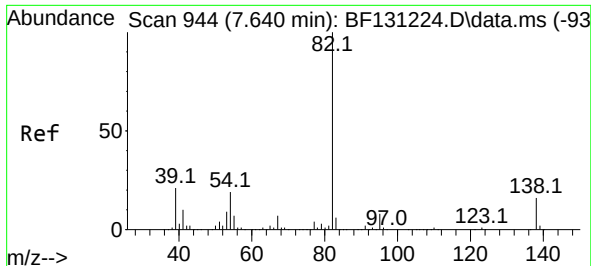
Tgt Ion: 82 Resp: 549845
Ion Ratio Lower Upper
82 100
128 38.4 30.3 45.5
54 63.6 52.3 78.5



#24
Nitrobenzene
Concen: 36.739 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion: 77 Resp: 283378
Ion Ratio Lower Upper
77 100
123 40.7 31.9 47.9
65 15.5 12.9 19.3

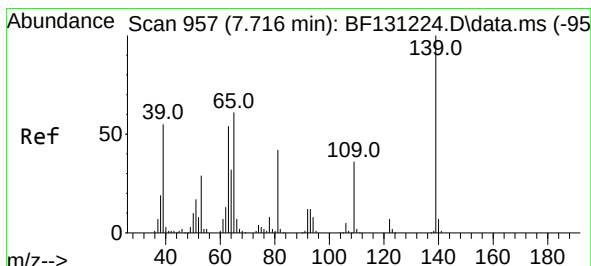
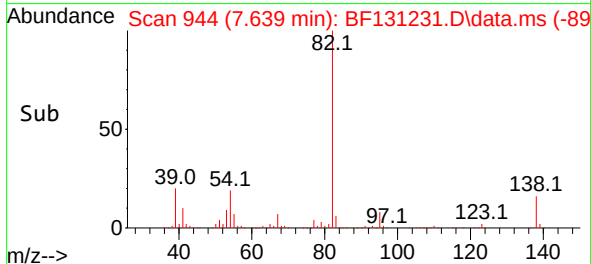
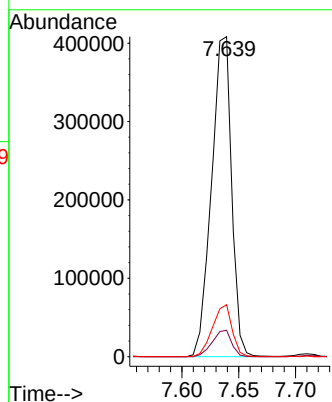
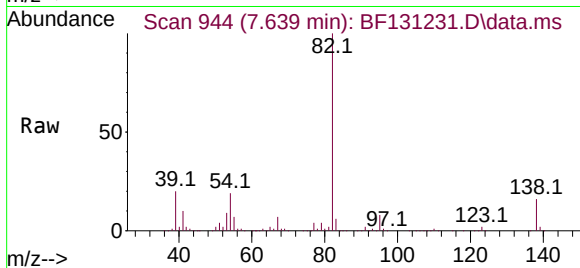




#25
Isophorone
Concen: 39.940 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

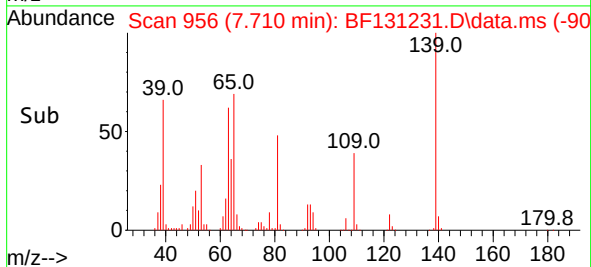
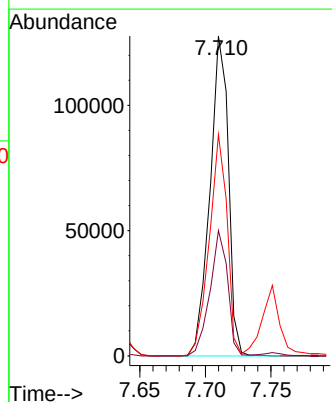
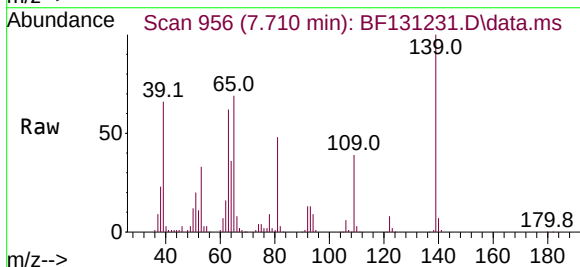
Instrument :
BNA_F
ClientSampleId :
PB148810BS

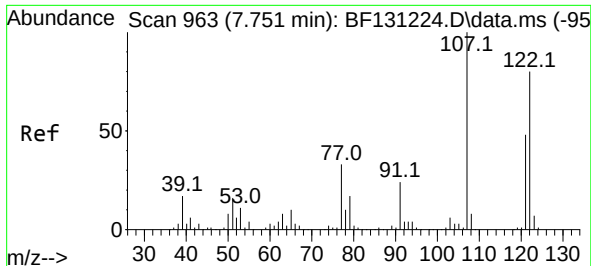
Tgt Ion: 82 Resp: 501958
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 16.2 12.9 19.3



#26
2-Nitrophenol
Concen: 37.846 ng
RT: 7.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion: 139 Resp: 125119
Ion Ratio Lower Upper
139 100
109 39.2 29.0 43.6
65 69.2 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 44.714 ng

RT: 7.751 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

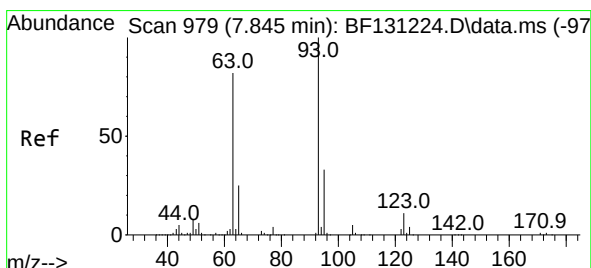
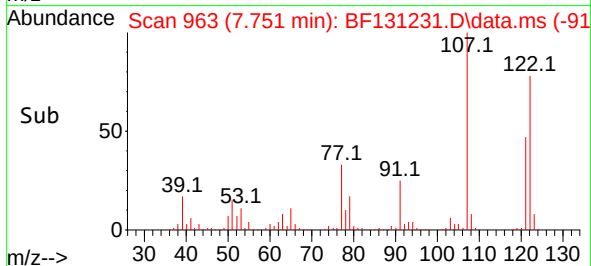
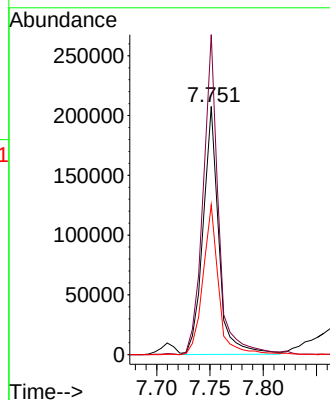
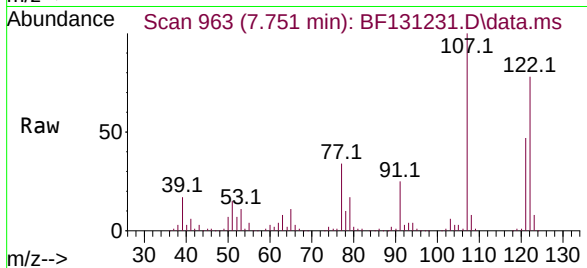
Tgt Ion:122 Resp: 211802

Ion Ratio Lower Upper

122 100

107 128.9 100.2 150.4

121 60.4 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.337 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

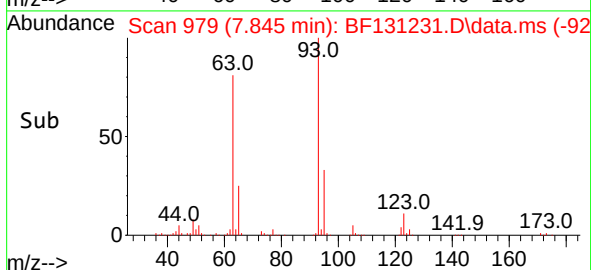
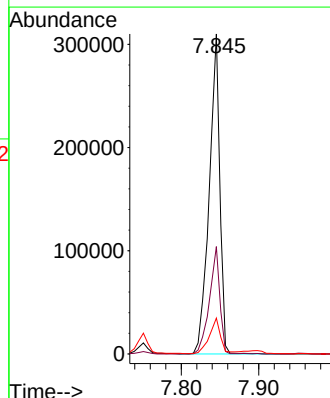
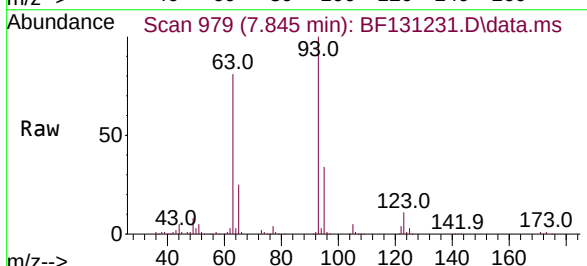
Tgt Ion: 93 Resp: 295210

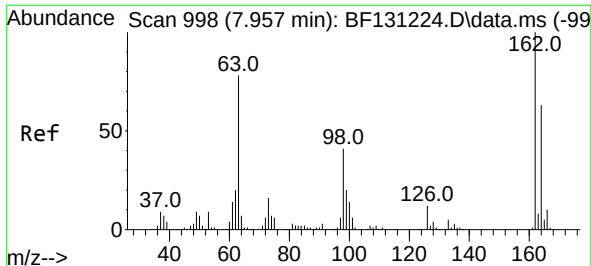
Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

123 11.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 39.265 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

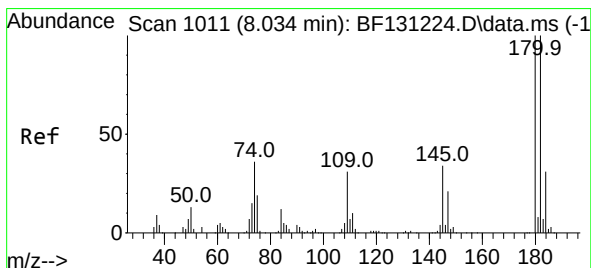
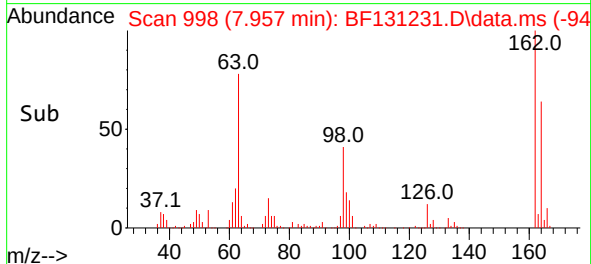
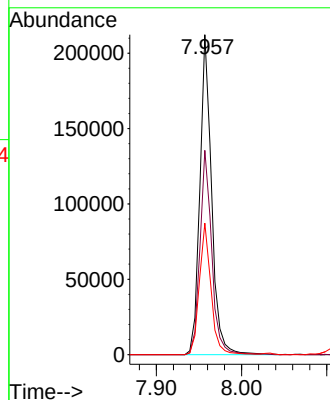
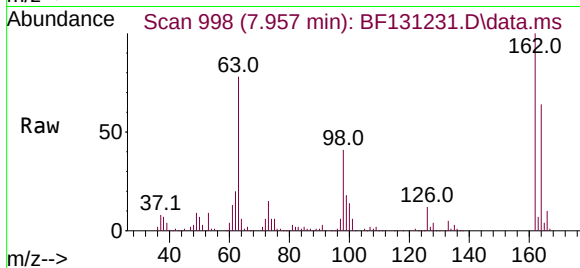
Tgt Ion:162 Resp: 202682

Ion Ratio Lower Upper

162 100

164 63.8 43.3 83.3

98 41.1 20.9 60.9



#30

1,2,4-Trichlorobenzene

Concen: 35.972 ng

RT: 8.033 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

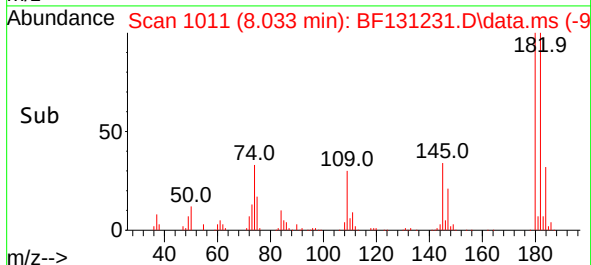
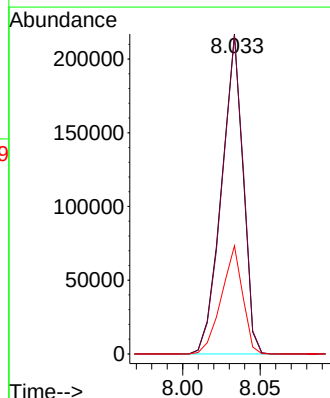
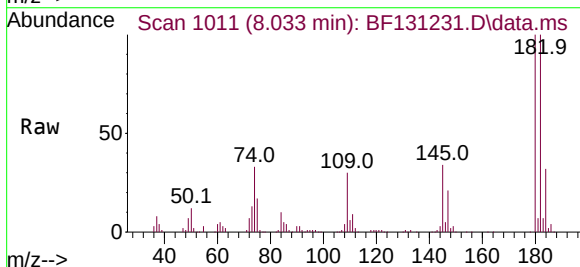
Tgt Ion:180 Resp: 210312

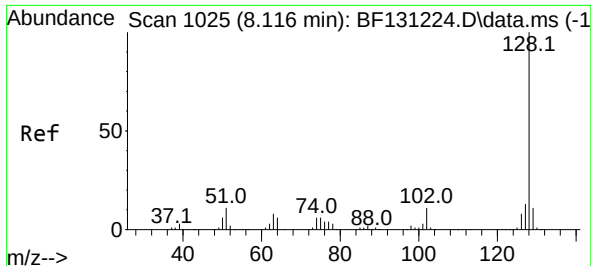
Ion Ratio Lower Upper

180 100

182 99.6 79.9 119.9

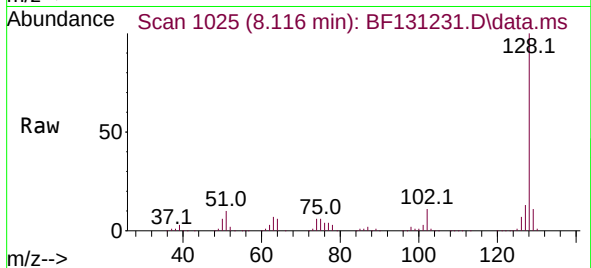
145 33.8 27.0 40.6



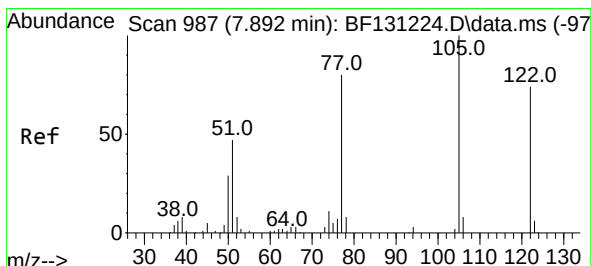
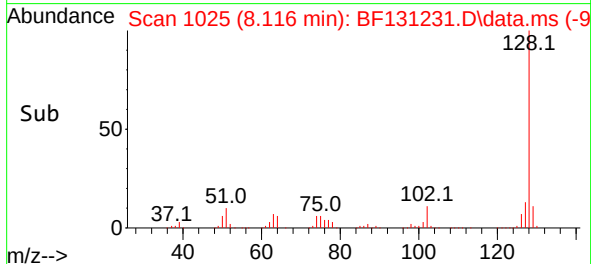
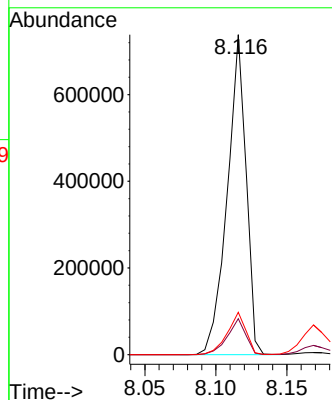


#31
Naphthalene
Concen: 37.486 ng
RT: 8.116 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Instrument :
BNA_F
ClientSampleId :
PB148810BS

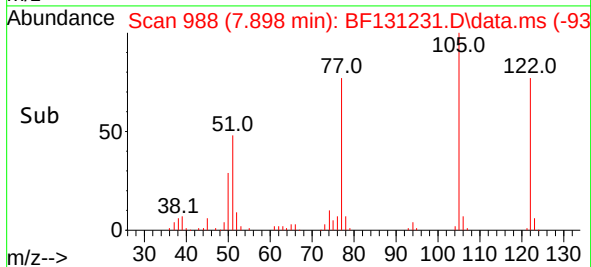
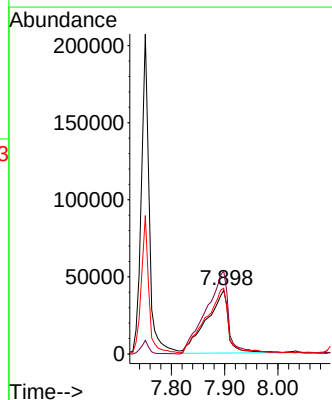
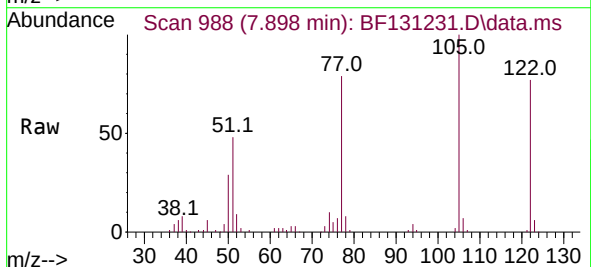


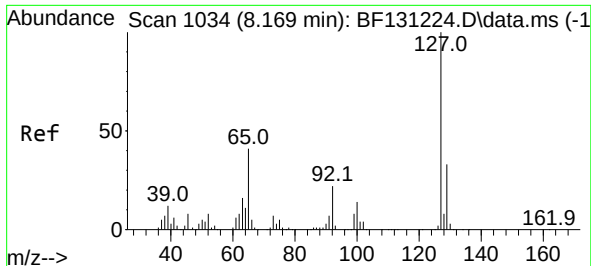
Tgt Ion:128 Resp: 680700
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 49.757 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:122 Resp: 117408
Ion Ratio Lower Upper
122 100
105 130.1 110.4 150.4
77 103.3 86.5 126.5

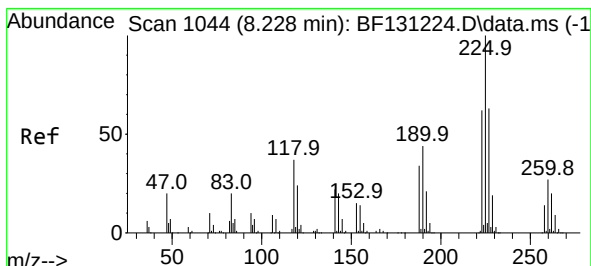
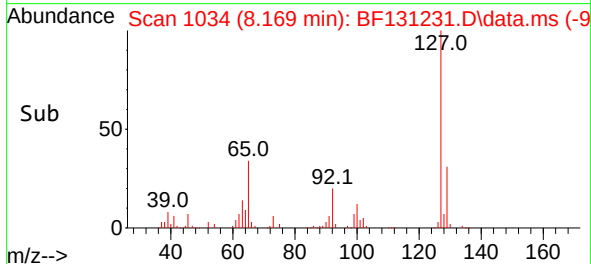
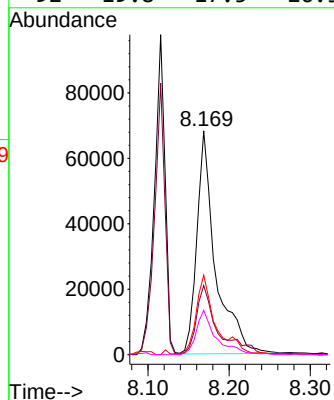
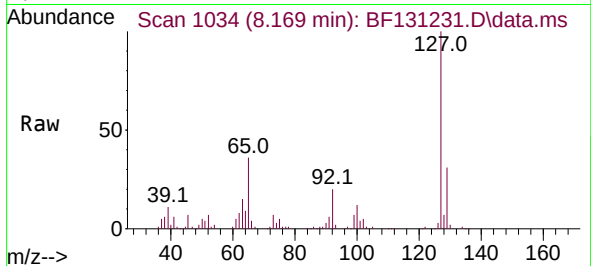




#33
4-Chloroaniline
Concen: 15.454 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

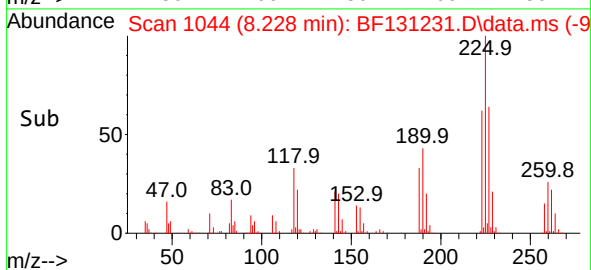
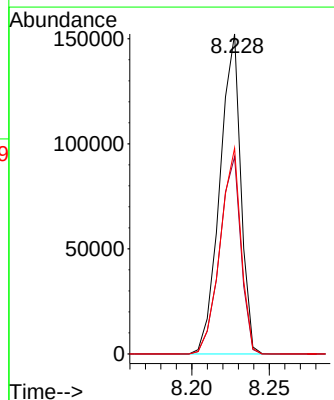
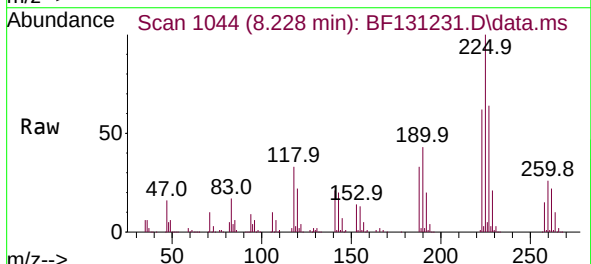
Instrument :
BNA_F
ClientSampleId :
PB148810BS

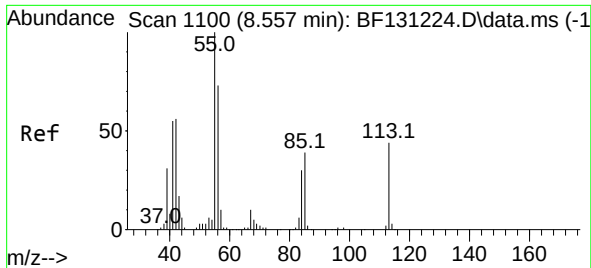
Tgt Ion:	127	Resp:	109064
Ion Ratio	Lower	Upper	
127	100		
129	30.9	26.0	39.0
65	35.5	32.6	49.0
92	19.8	17.5	26.3



#34
Hexachlorobutadiene
Concen: 35.280 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:	225	Resp:	142801
Ion Ratio	Lower	Upper	
225	100		
223	61.6	49.2	73.8
227	64.3	50.4	75.6

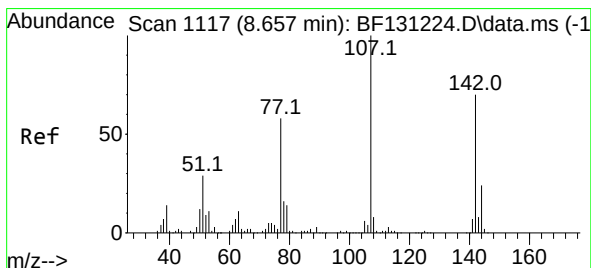
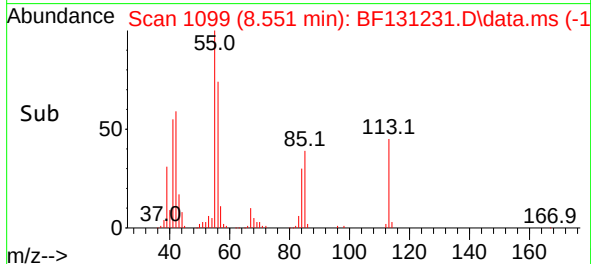
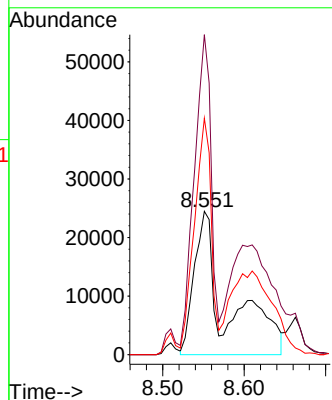
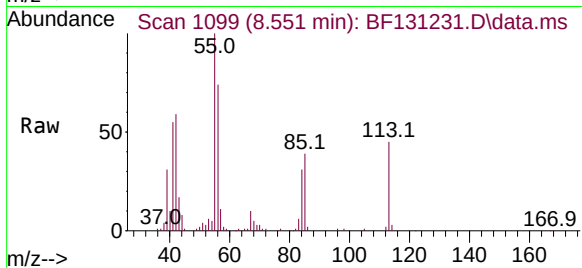




#35
 Caprolactam
 Concen: 43.819 ng m
 RT: 8.551 min Scan# 1099
 Delta R.T. -0.006 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

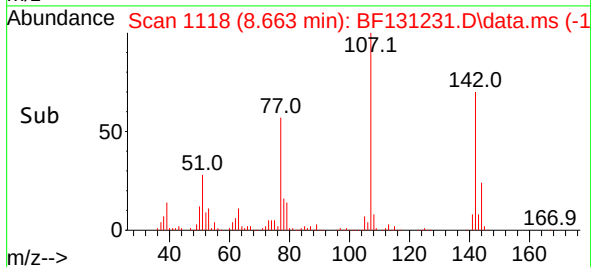
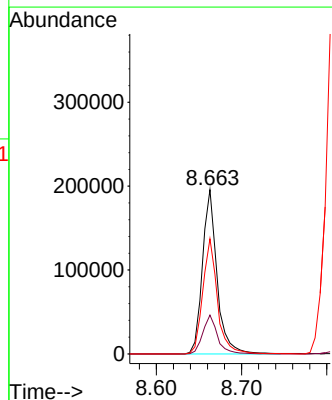
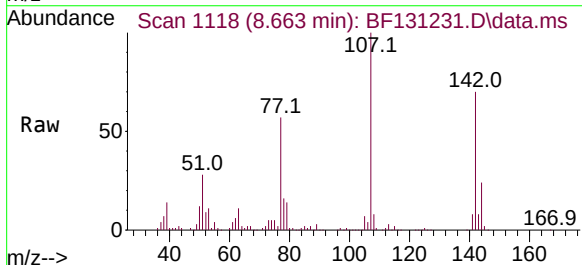
Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS

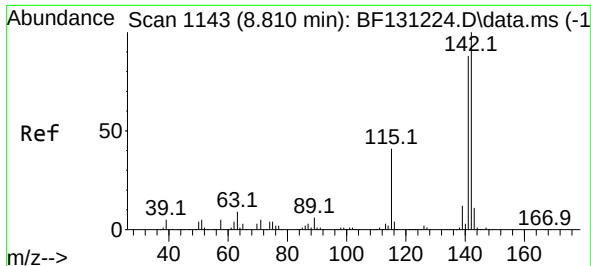
Tgt Ion:113 Resp: 67472
 Ion Ratio Lower Upper
 113 100
 55 223.3 206.4 246.4
 56 165.0 144.4 184.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.638 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.006 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Tgt Ion:107 Resp: 232854
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.2 28.8
 142 70.1 55.8 83.8

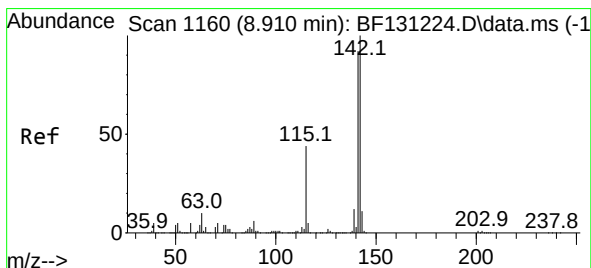
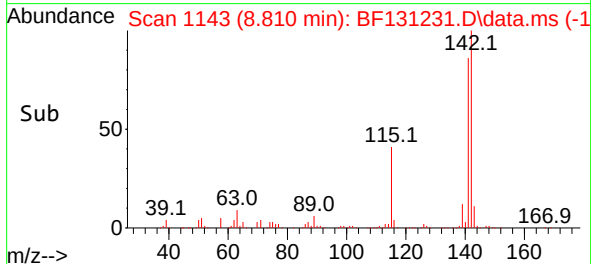
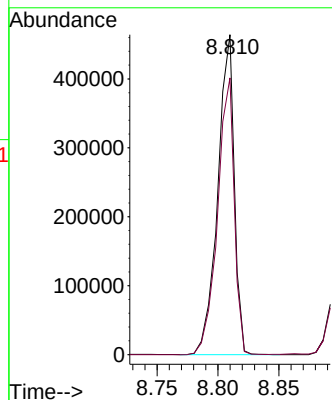
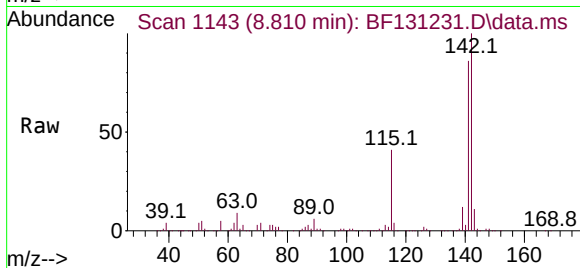




#37
2-Methylnaphthalene
Concen: 38.347 ng
RT: 8.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

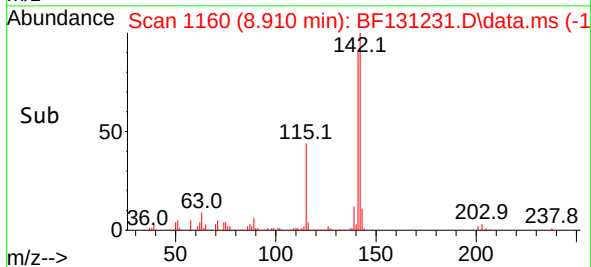
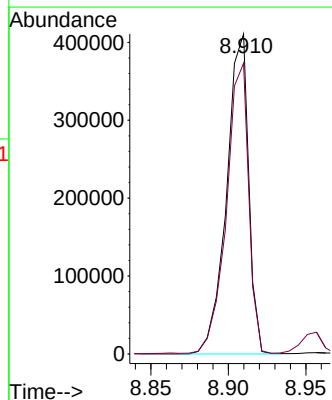
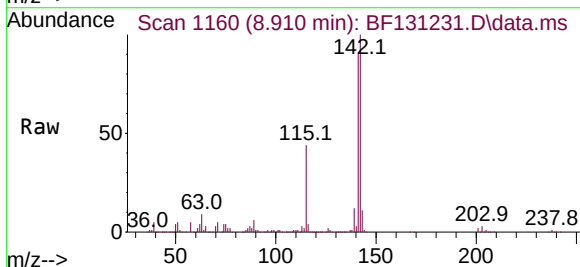
Instrument :
BNA_F
ClientSampleId :
PB148810BS

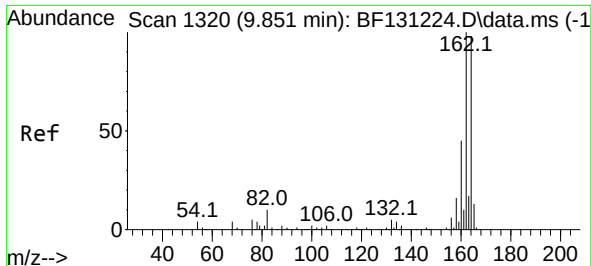
Tgt Ion:142 Resp: 437938
Ion Ratio Lower Upper
142 100
141 86.5 70.2 105.4



#38
1-Methylnaphthalene
Concen: 37.381 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:142 Resp: 406965
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.2

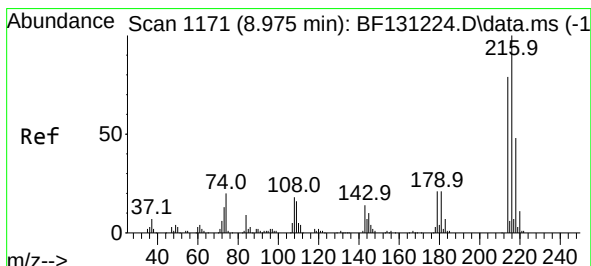
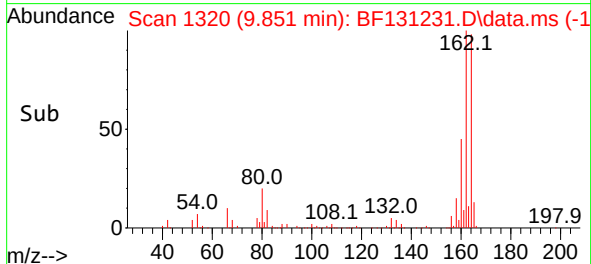
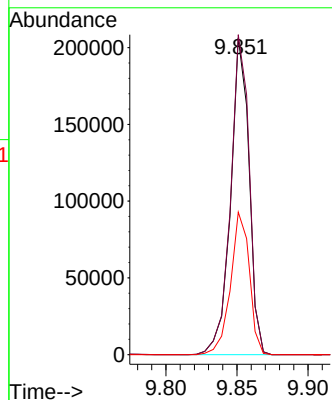
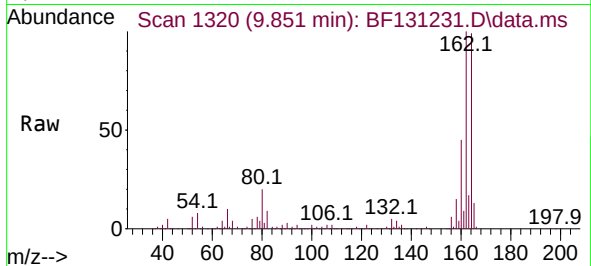




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

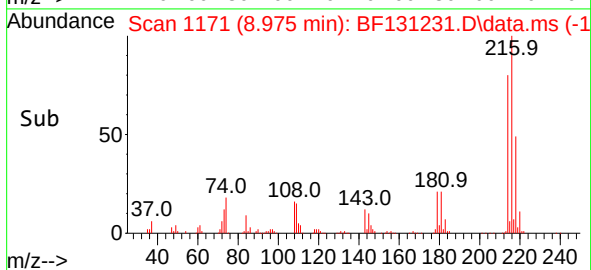
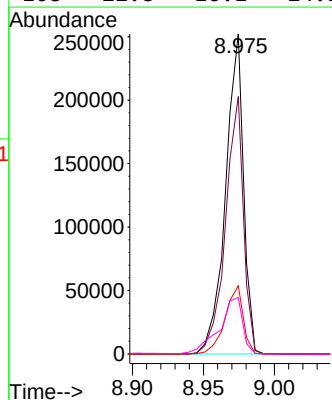
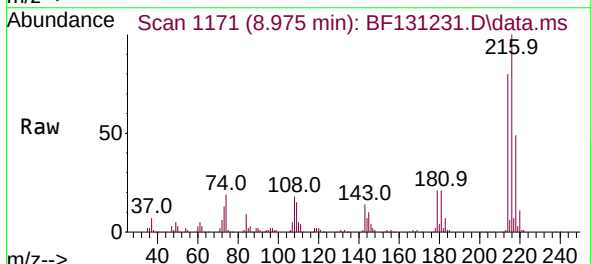
Instrument :
BNA_F
ClientSampleId :
PB148810BS

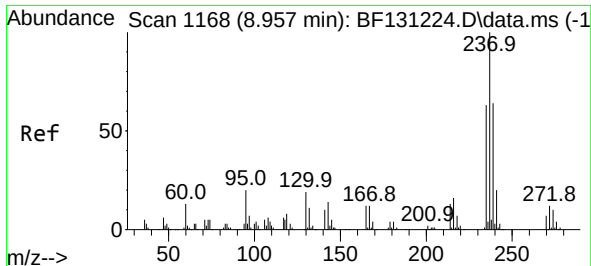
Tgt Ion:164 Resp: 186332
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 45.0 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.267 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:216 Resp: 222702
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 21.4 17.0 25.6
108 22.8 16.1 24.1

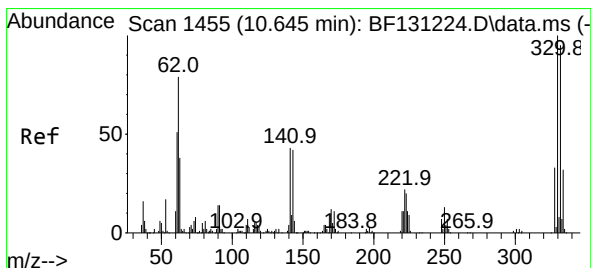
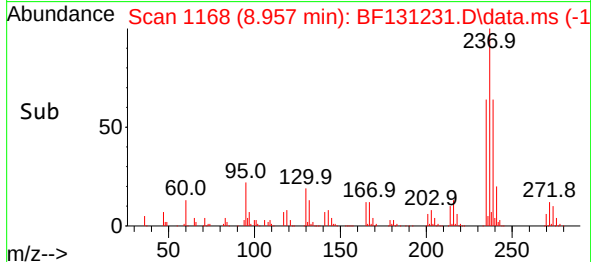
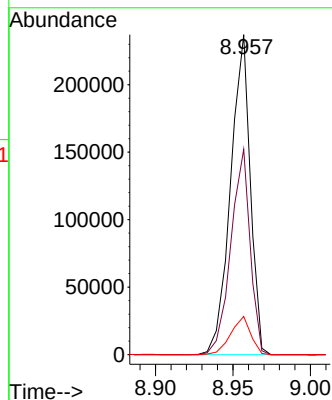
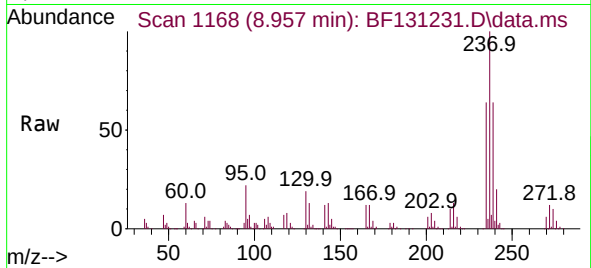




#41
Hexachlorocyclopentadiene
Concen: 164.231 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

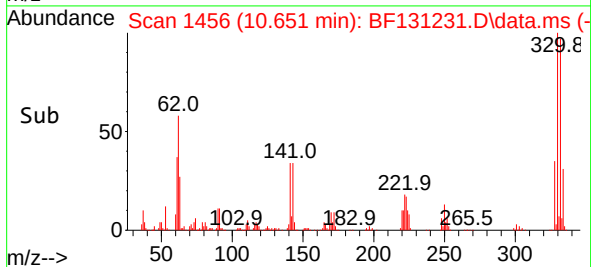
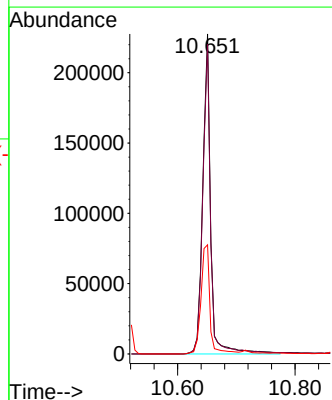
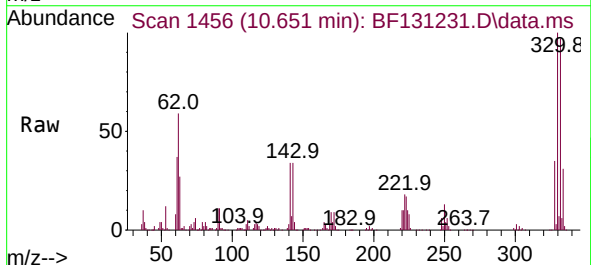
Instrument :
BNA_F
ClientSampleId :
PB148810BS

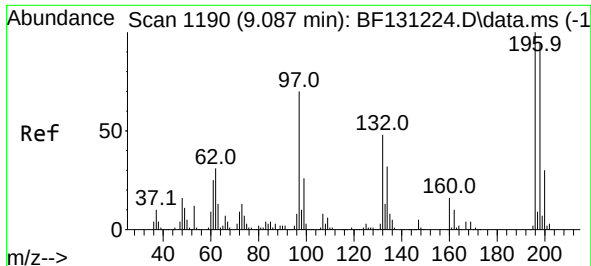
Tgt Ion:237 Resp: 209728
Ion Ratio Lower Upper
237 100
235 64.2 42.7 82.7
272 11.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 114.418 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:330 Resp: 211163
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 38.8 31.2 46.8

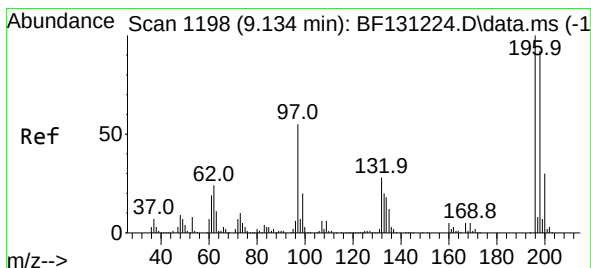
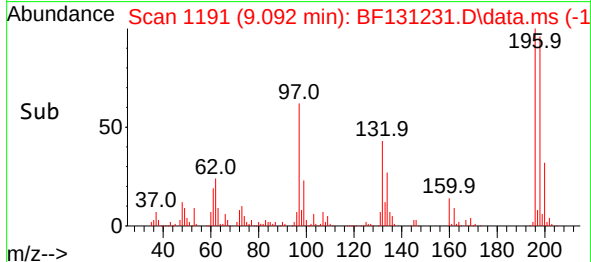
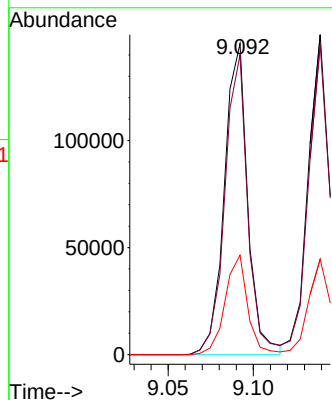
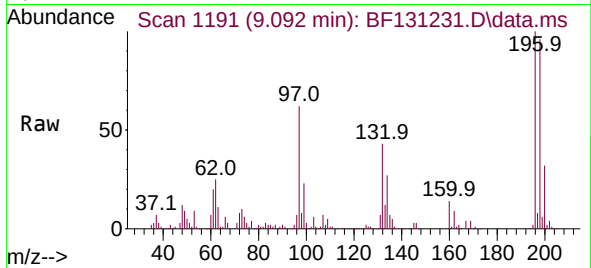




#43
2,4,6-Trichlorophenol
Concen: 38.545 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

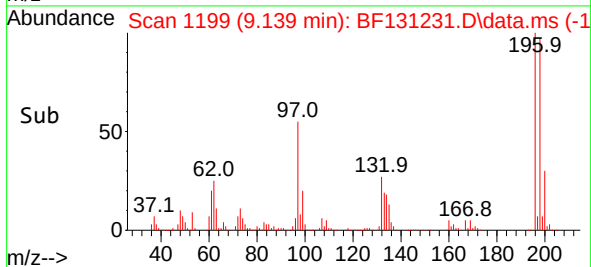
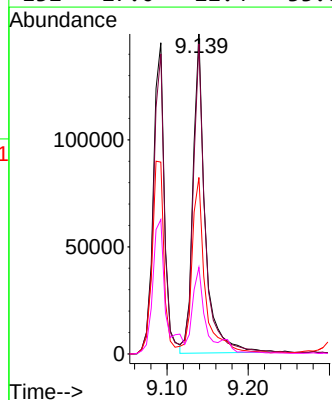
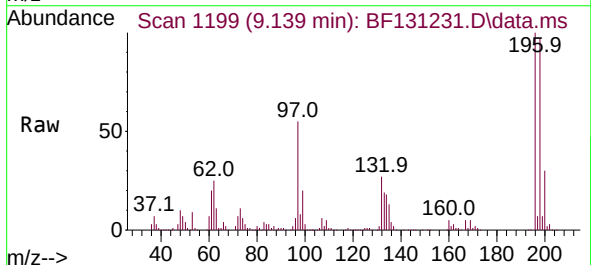
Instrument :
BNA_F
ClientSampleId :
PB148810BS

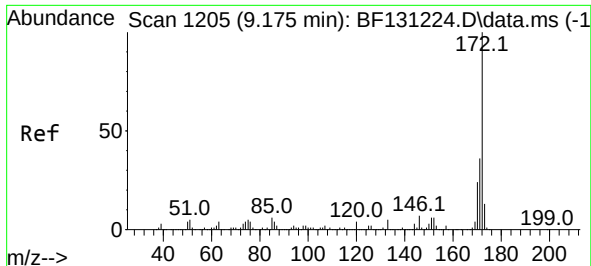
Tgt Ion:196 Resp: 138708
Ion Ratio Lower Upper
196 100
198 96.4 75.2 112.8
200 32.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 39.392 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.005 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:196 Resp: 154709
Ion Ratio Lower Upper
196 100
198 96.9 73.5 110.3
97 55.1 44.2 66.2
132 27.0 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 70.960 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

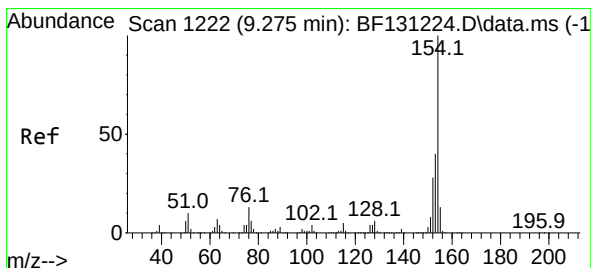
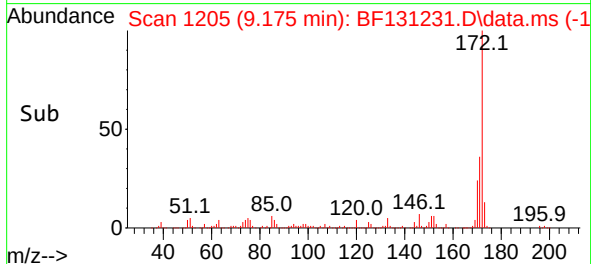
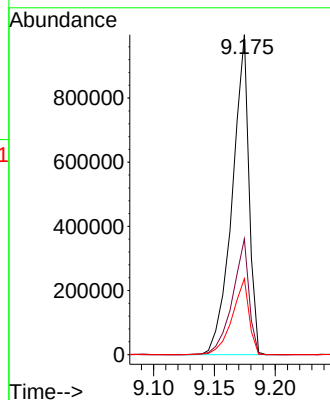
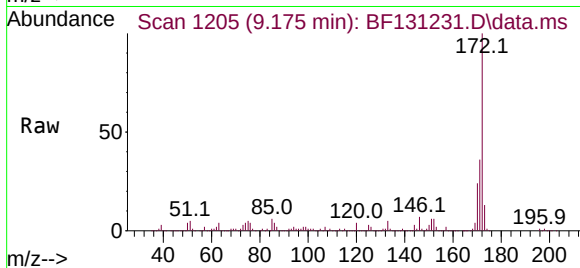
Tgt Ion:172 Resp: 952099

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 38.817 ng

RT: 9.274 min Scan# 1222

Delta R.T. -0.001 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

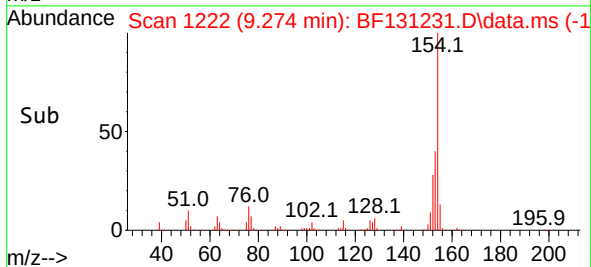
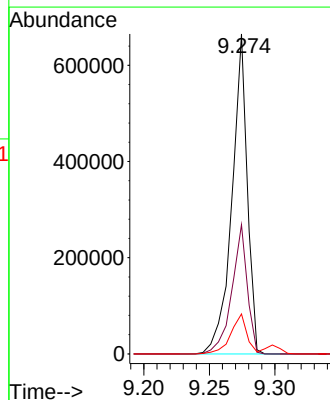
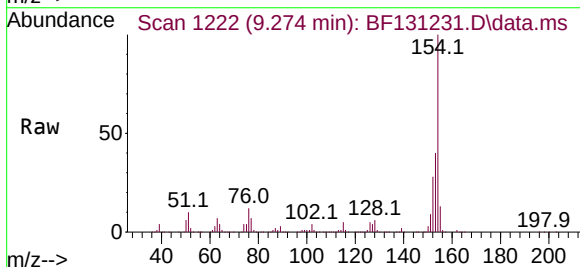
Tgt Ion:154 Resp: 543548

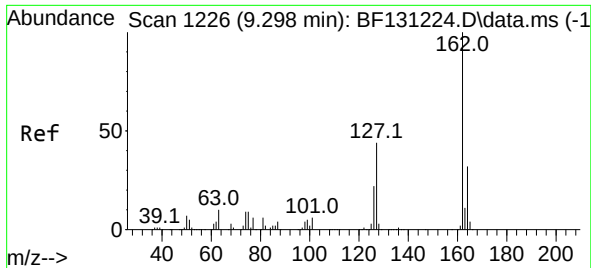
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.5 0.0 32.9

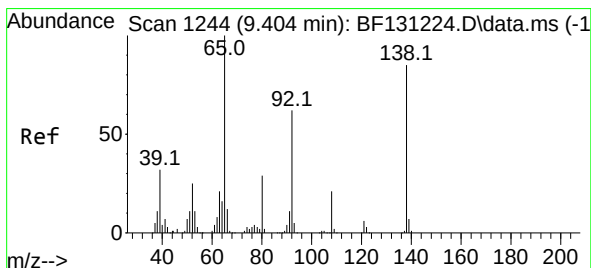
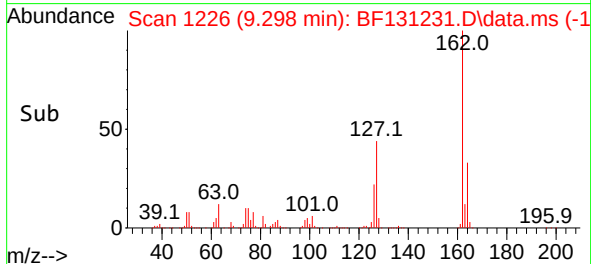
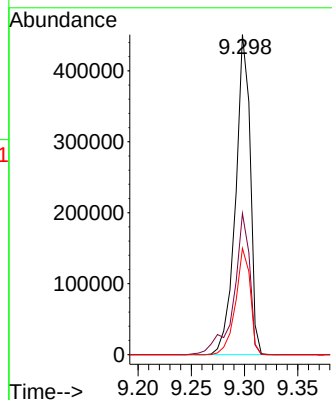
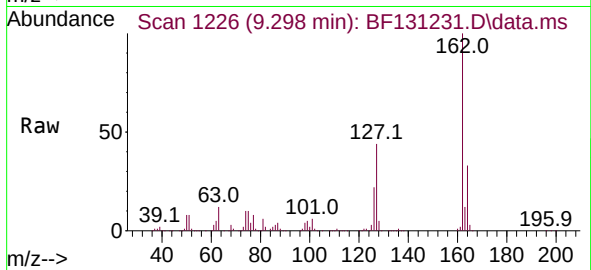




#47
2-Chloronaphthalene
Concen: 37.296 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

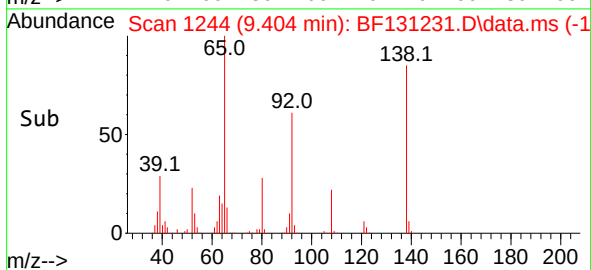
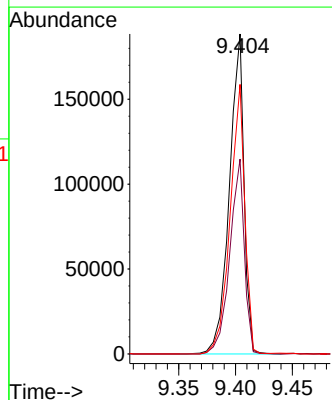
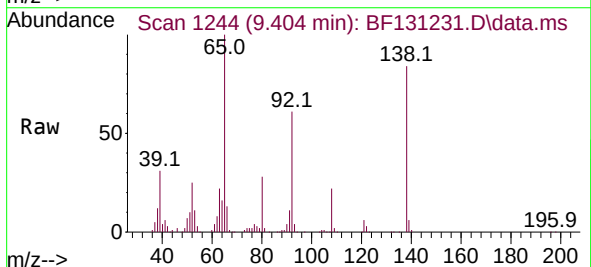
Instrument :
BNA_F
ClientSampleId :
PB148810BS

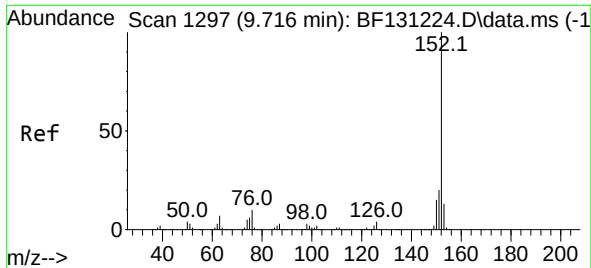
Tgt Ion:162 Resp: 428517
Ion Ratio Lower Upper
162 100
127 44.1 35.7 53.5
164 33.2 25.7 38.5



#48
2-Nitroaniline
Concen: 38.311 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion: 65 Resp: 168845
Ion Ratio Lower Upper
65 100
92 60.9 49.4 74.0
138 84.2 68.0 102.0

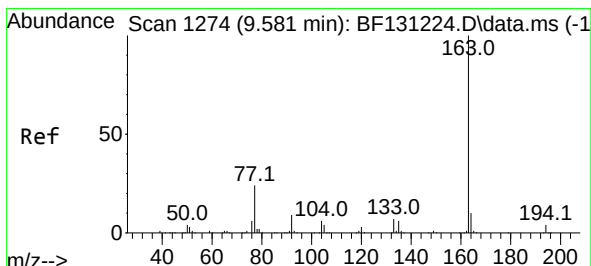
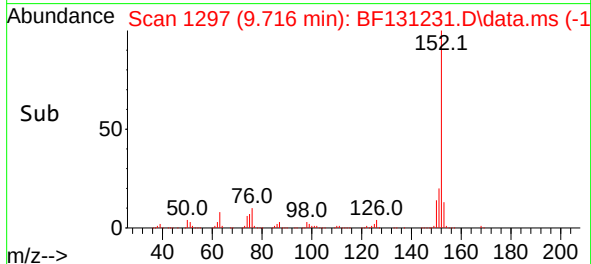
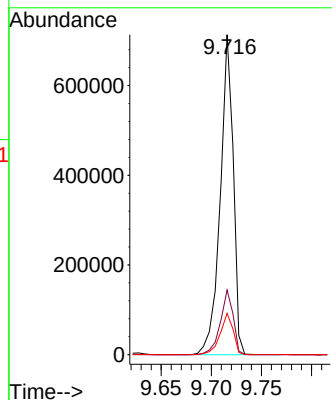
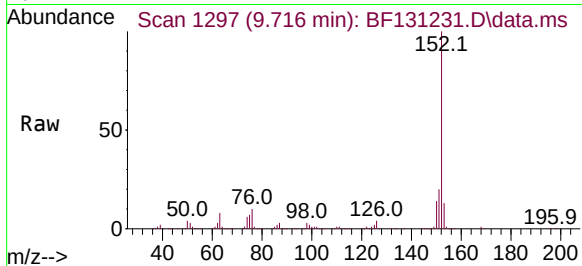




#49
Acenaphthylene
Concen: 36.990 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

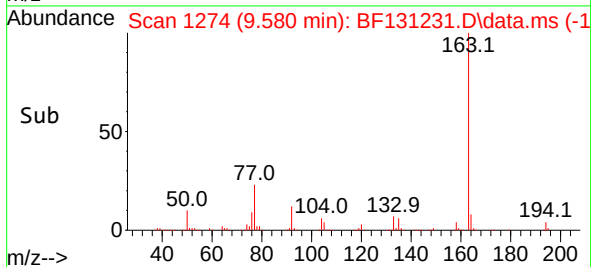
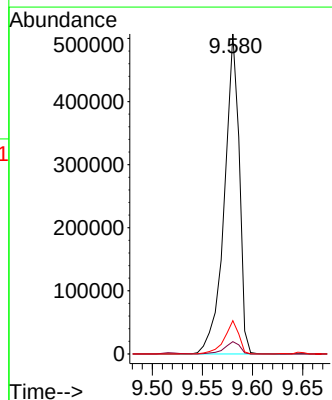
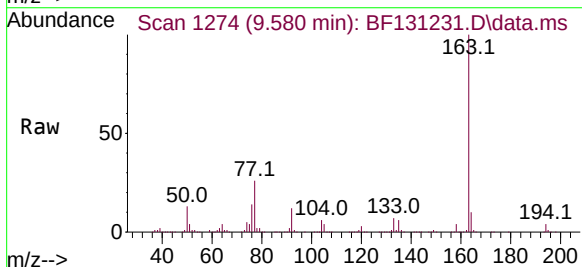
Instrument :
BNA_F
ClientSampleId :
PB148810BS

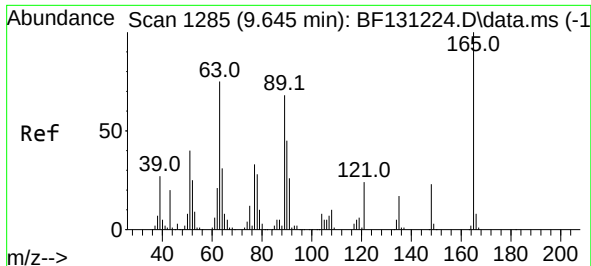
Tgt Ion:152 Resp: 645825
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.9 10.7 16.1



#50
Dimethylphthalate
Concen: 37.370 ng
RT: 9.580 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:163 Resp: 523750
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 36.309 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

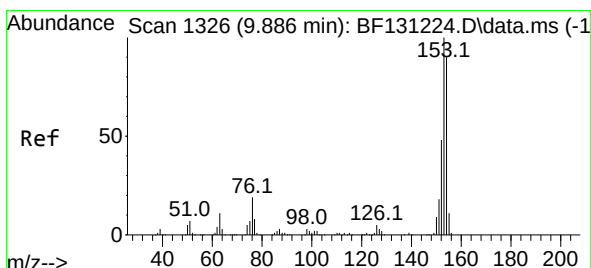
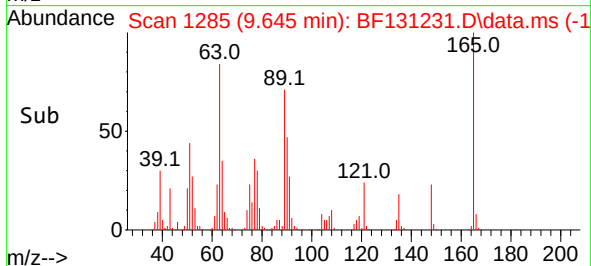
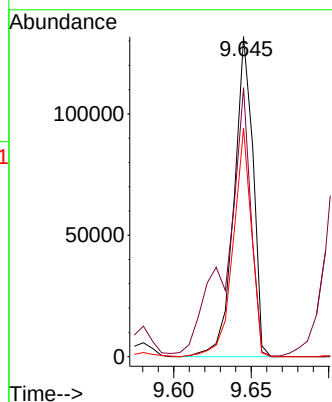
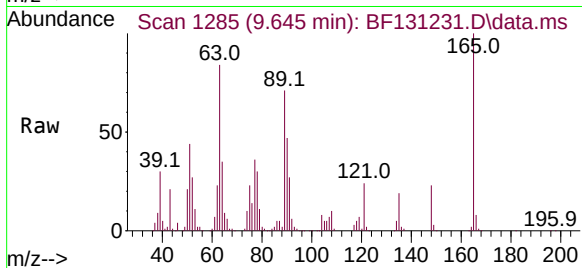
Tgt Ion:165 Resp: 112241

Ion Ratio Lower Upper

165 100

63 84.0 62.6 94.0

89 71.4 54.5 81.7



#52

Acenaphthene

Concen: 34.977 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

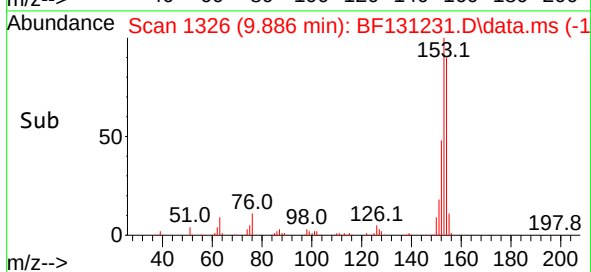
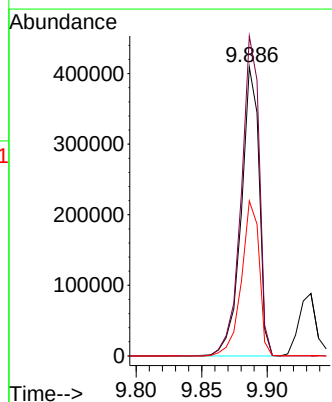
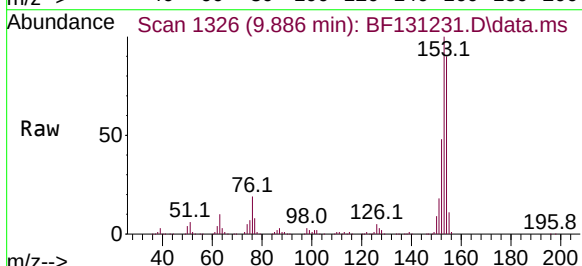
Tgt Ion:154 Resp: 387950

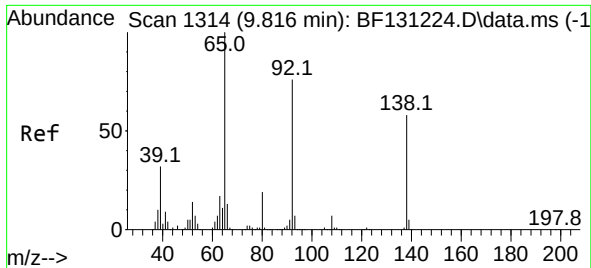
Ion Ratio Lower Upper

154 100

153 110.8 88.6 133.0

152 53.7 42.7 64.1

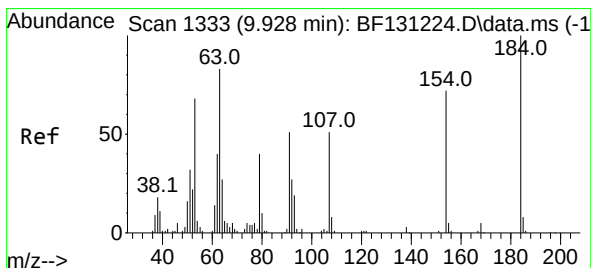
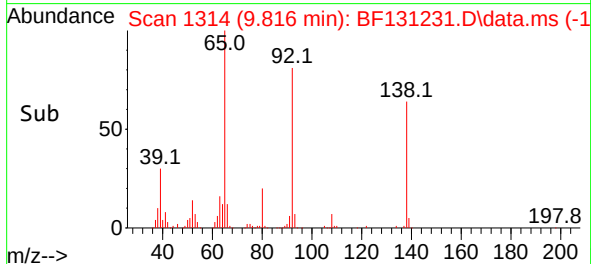
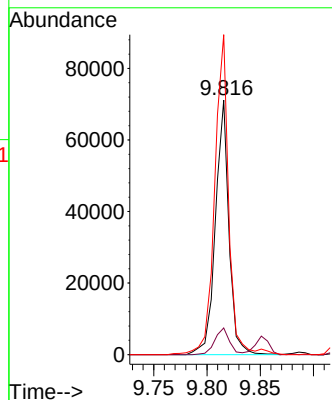
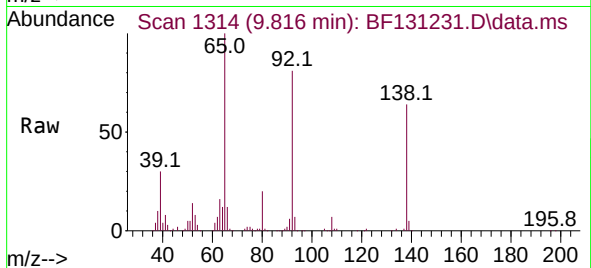




#53
3-Nitroaniline
Concen: 19.230 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

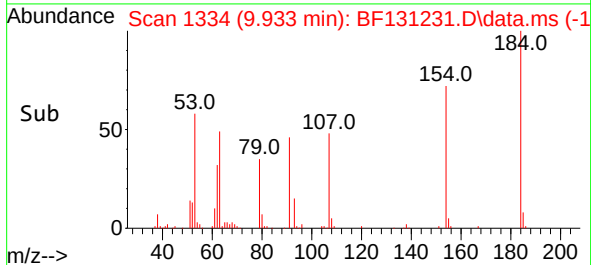
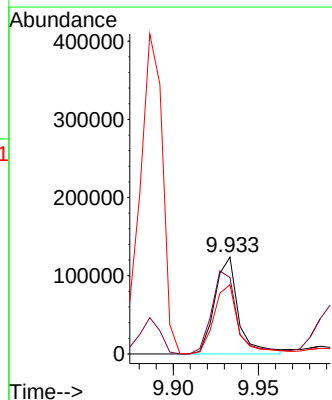
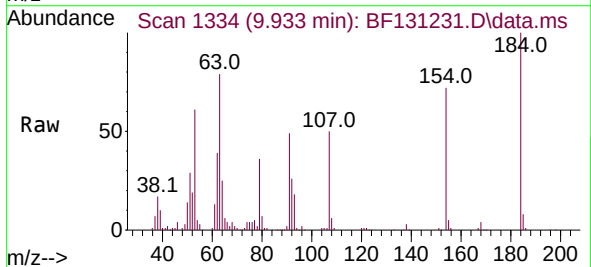
Instrument :
BNA_F
ClientSampleId :
PB148810BS

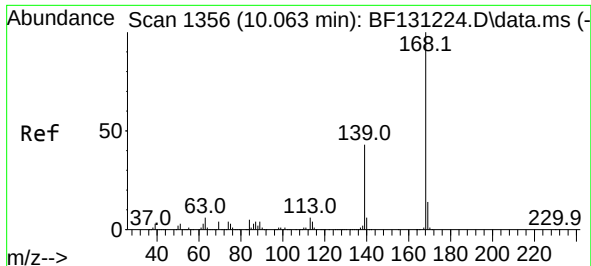
Tgt Ion:138 Resp: 62975
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.6
92 125.7 105.8 158.8



#54
2,4-Dinitrophenol
Concen: 76.202 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.005 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:184 Resp: 118737
Ion Ratio Lower Upper
184 100
63 78.9 66.6 99.8
154 71.6 58.9 88.3

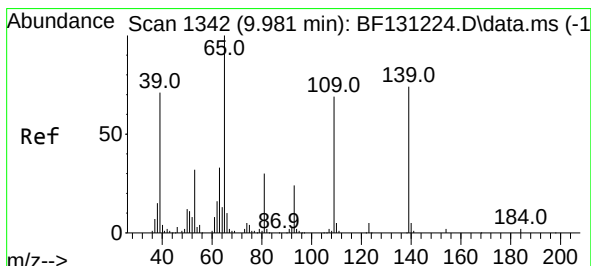
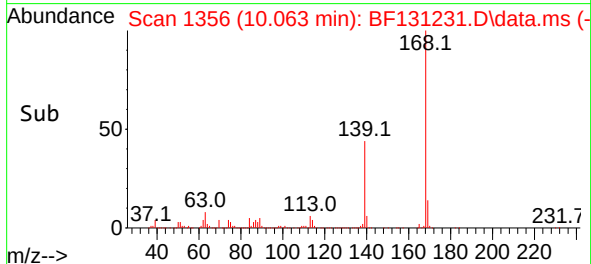
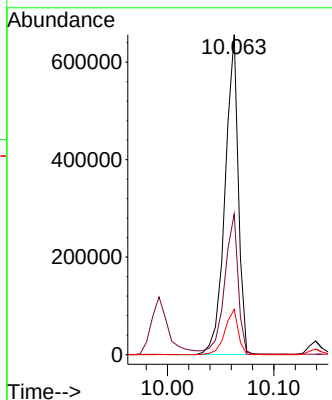
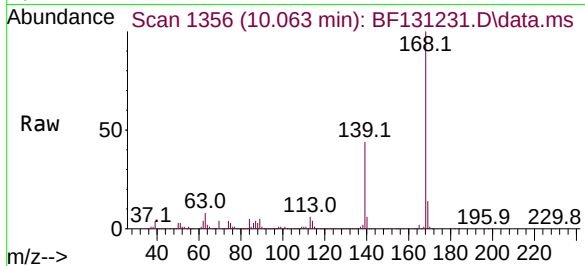




#55
Dibenzofuran
Concen: 33.732 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

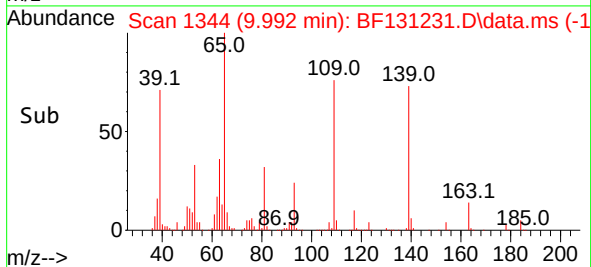
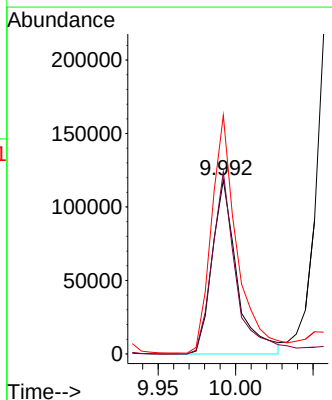
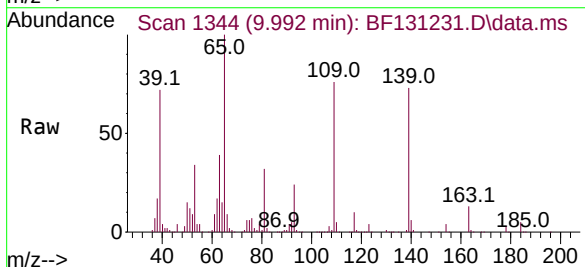
Instrument :
BNA_F
ClientSampleId :
PB148810BS

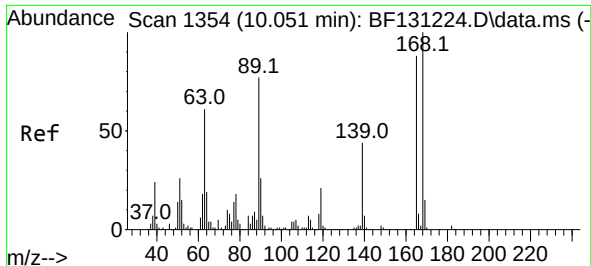
Tgt Ion:168 Resp: 567273
Ion Ratio Lower Upper
168 100
139 44.0 34.8 52.2
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 75.965 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:139 Resp: 132456
Ion Ratio Lower Upper
139 100
109 104.6 73.1 113.1
65 137.1 116.5 156.5

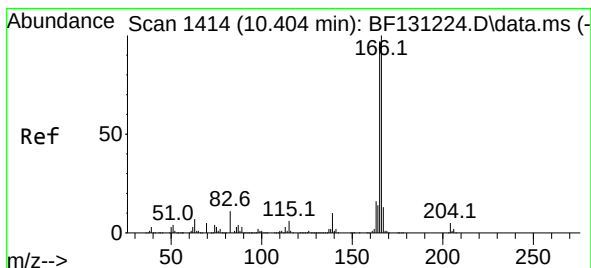
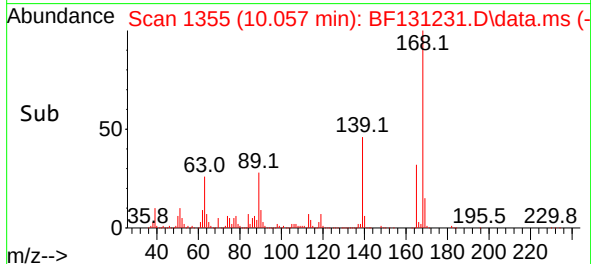
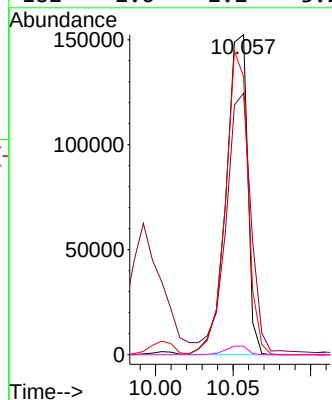
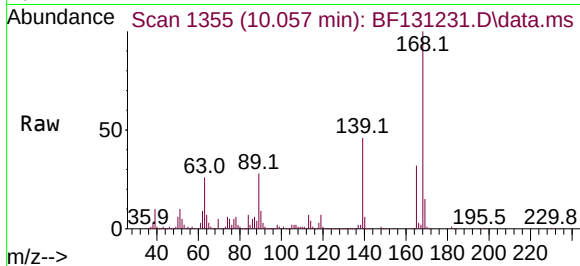




#57
2,4-Dinitrotoluene
Concen: 37.286 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

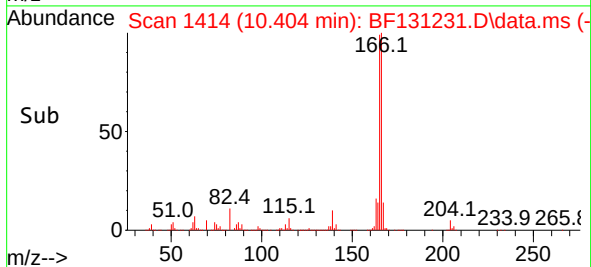
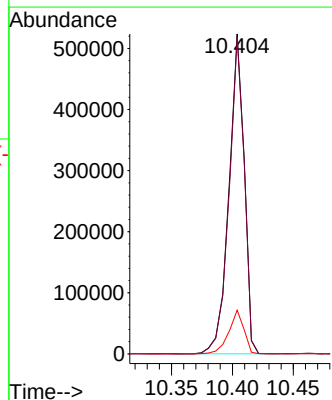
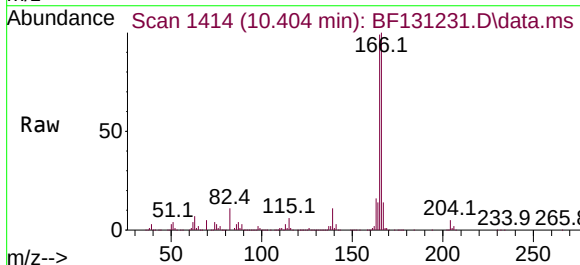
Instrument :
BNA_F
ClientSampleId :
PB148810BS

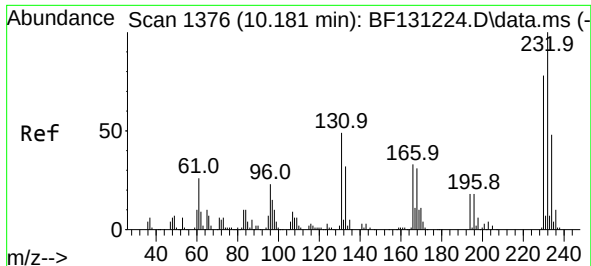
Tgt Ion:165 Resp: 147904
Ion Ratio Lower Upper
165 100
63 81.7 56.6 84.8
89 86.9 70.1 105.1
182 2.6 2.2 3.2



#58
Fluorene
Concen: 32.138 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:166 Resp: 457919
Ion Ratio Lower Upper
166 100
165 99.1 77.7 116.5
167 13.7 10.6 15.8

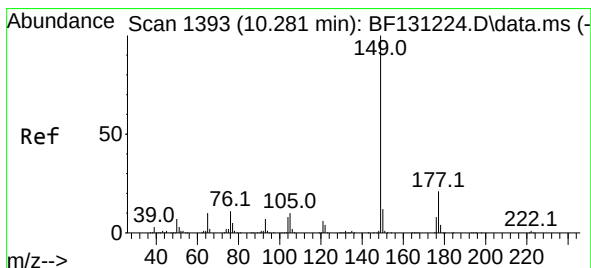
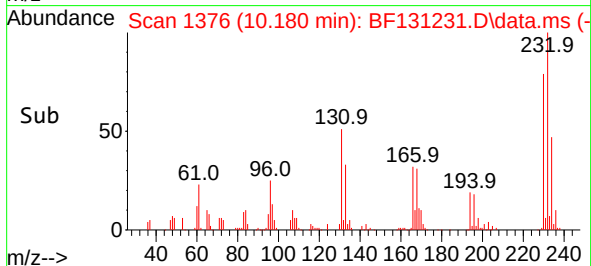
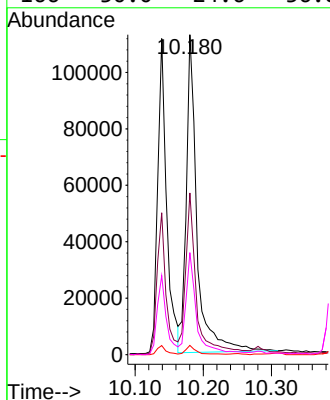
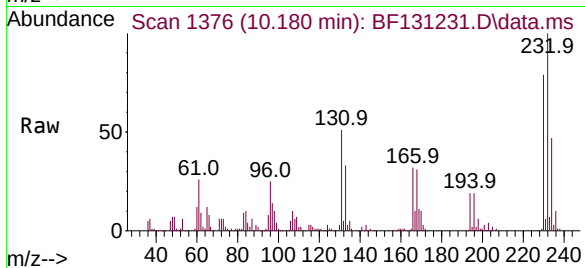




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.317 ng
RT: 10.180 min Scan# 1376
Delta R.T. -0.001 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

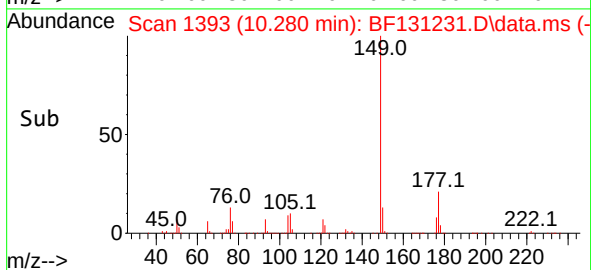
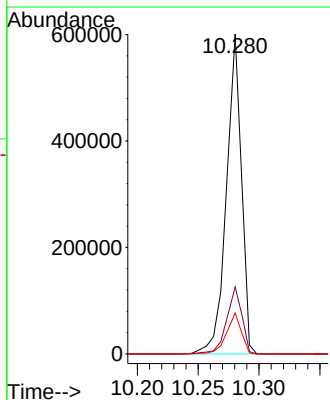
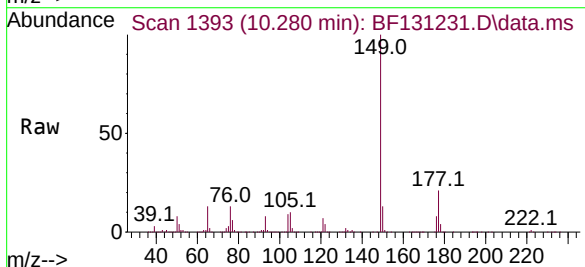
Instrument :
BNA_F
ClientSampleId :
PB148810BS

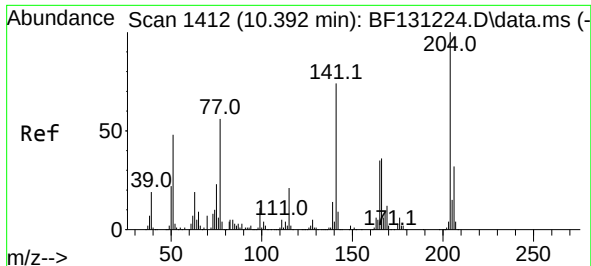
Tgt Ion:232 Resp: 123095
Ion Ratio Lower Upper
232 100
131 50.2 40.6 60.8
130 2.9 2.0 3.0
166 30.0 24.6 36.8



#60
Diethylphthalate
Concen: 34.526 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:149 Resp: 516709
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.8 9.9 14.9

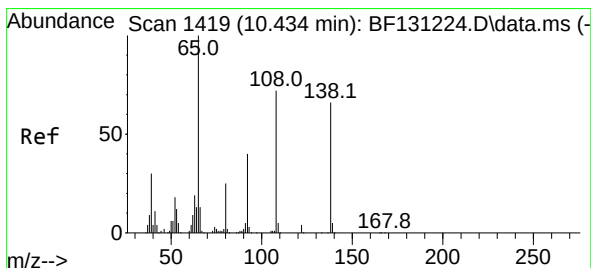
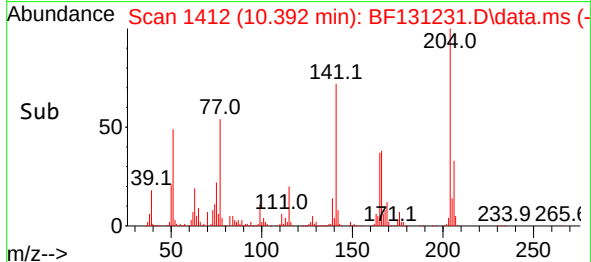
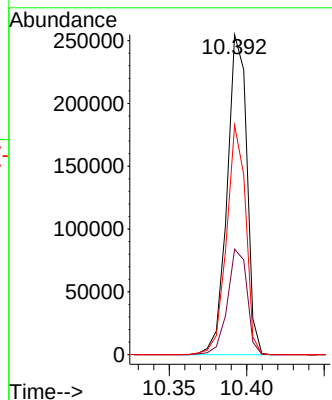
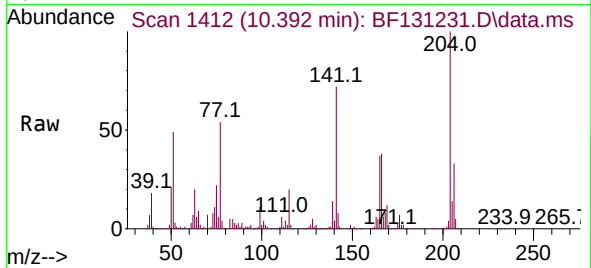




#61
4-Chlorophenyl-phenylether
Concen: 33.877 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

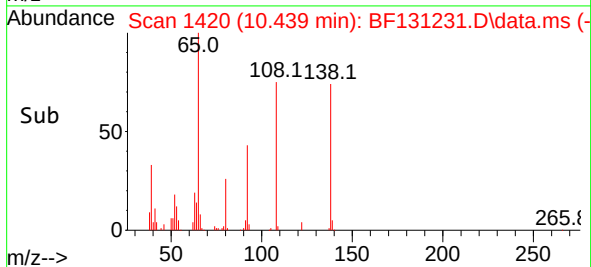
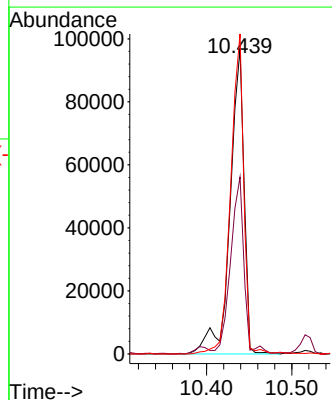
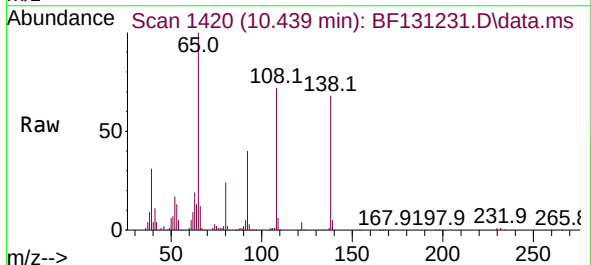
Instrument :
BNA_F
ClientSampleId :
PB148810BS

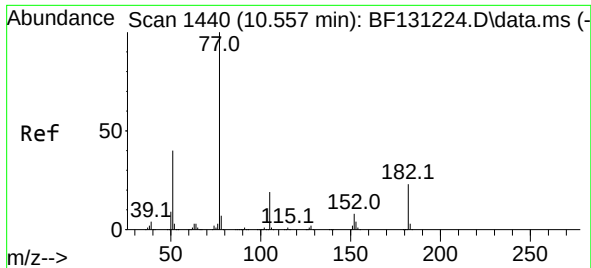
Tgt Ion:204 Resp: 225561
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 71.7 59.1 88.7



#62
4-Nitroaniline
Concen: 30.722 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:138 Resp: 110349
Ion Ratio Lower Upper
138 100
92 58.0 40.7 80.7
108 104.9 89.2 129.2

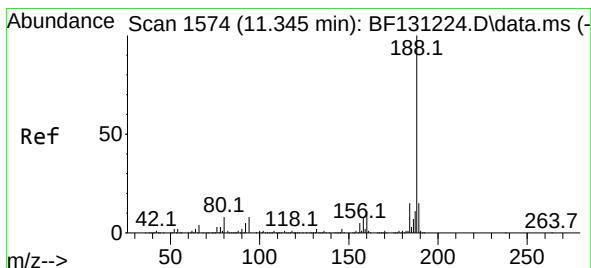
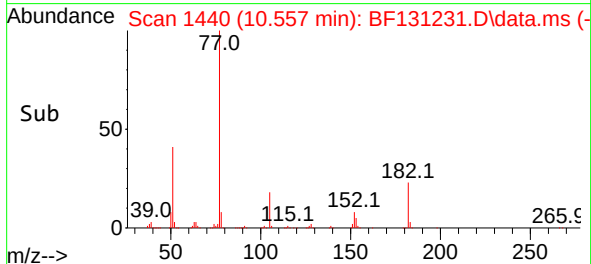
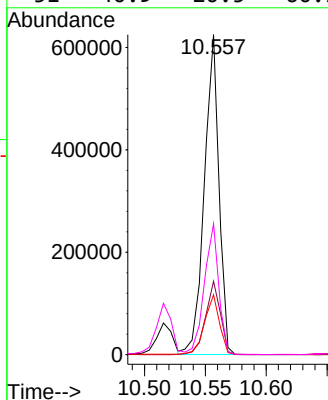
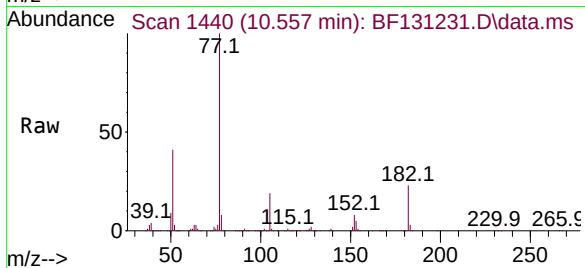




#63
 Azobenzene
 Concen: 33.889 ng
 RT: 10.557 min Scan# 1440
 Delta R.T. -0.000 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

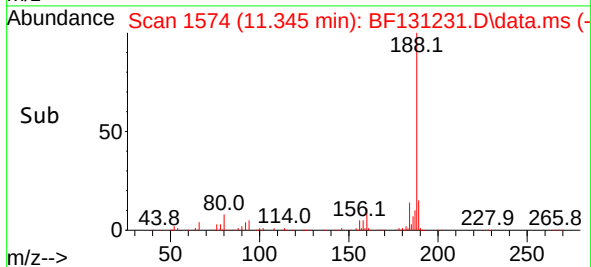
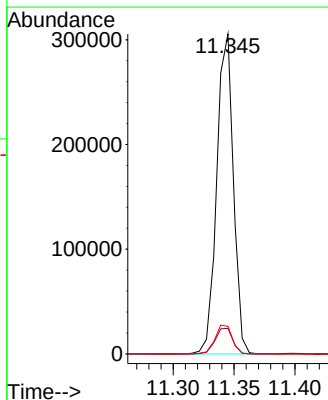
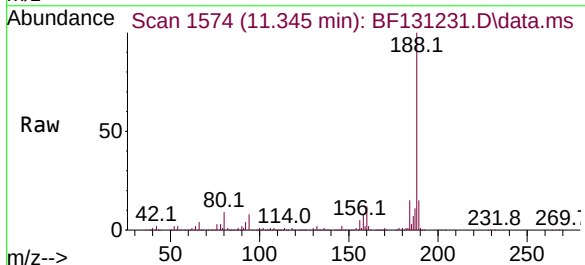
Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS

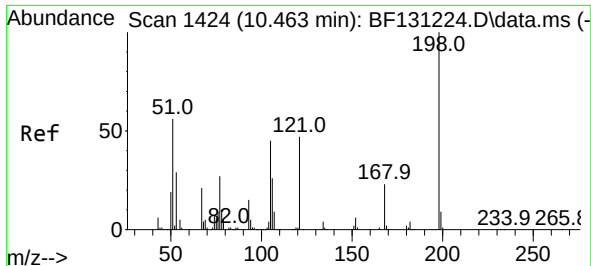
Tgt Ion: 77	Resp: 522132
Ion Ratio	Lower Upper
77 100	
182 22.9	2.9 42.9
105 18.7	0.0 38.7
51 40.9	20.5 60.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.345 min Scan# 1574
 Delta R.T. -0.000 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Tgt Ion:188	Resp: 290697
Ion Ratio	Lower Upper
188 100	
94 8.0	6.6 10.0
80 8.7	6.7 10.1

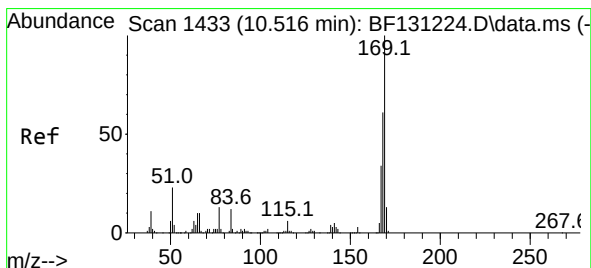
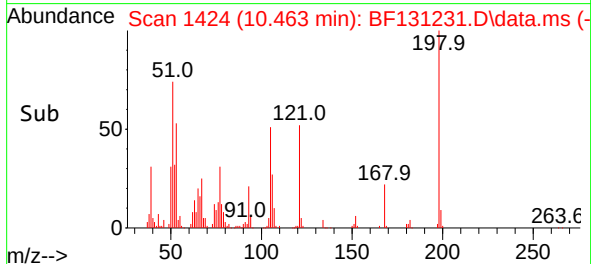
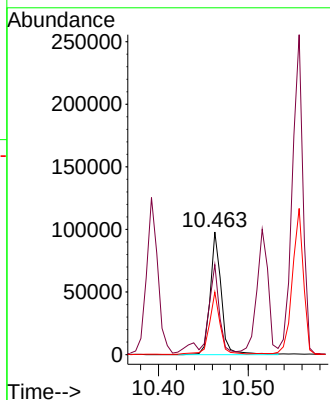
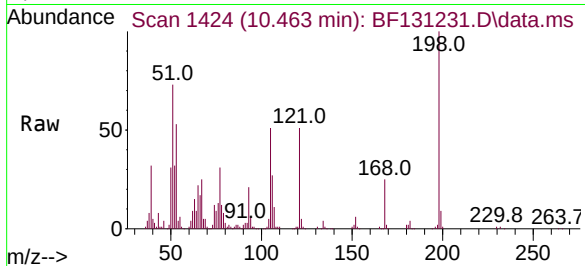




#65
4,6-Dinitro-2-methylphenol
Concen: 37.733 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

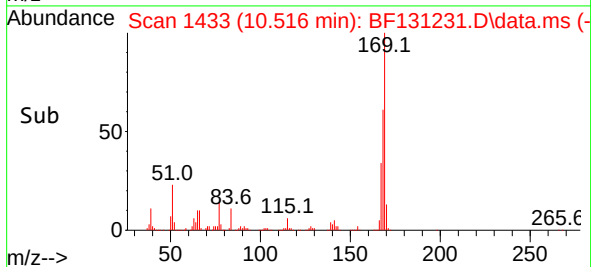
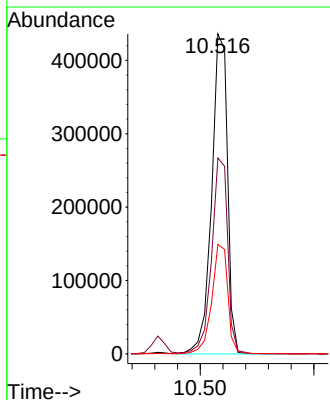
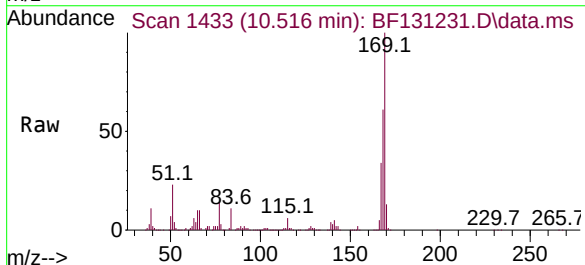
Instrument :
BNA_F
ClientSampleId :
PB148810BS

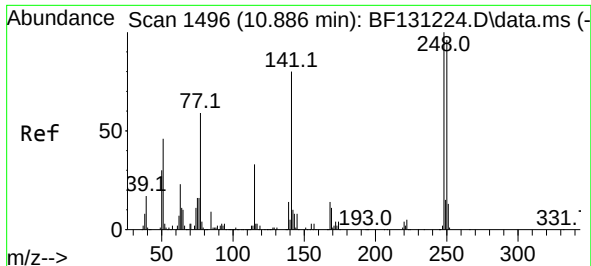
Tgt Ion:198 Resp: 83075
Ion Ratio Lower Upper
198 100
51 73.4 45.2 85.2
105 50.9 26.9 66.9



#66
n-Nitrosodiphenylamine
Concen: 37.569 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:169 Resp: 422422
Ion Ratio Lower Upper
169 100
168 61.2 48.6 73.0
167 34.2 27.2 40.8

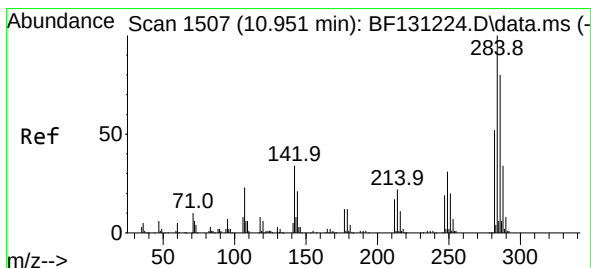
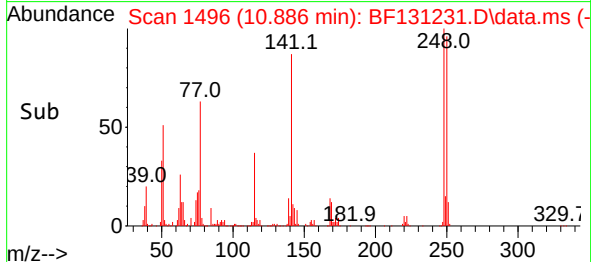
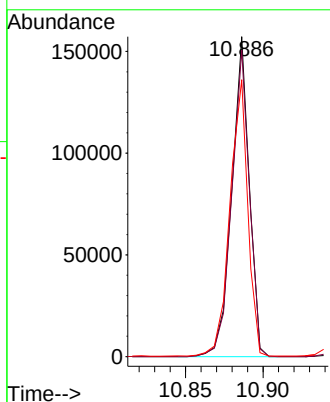
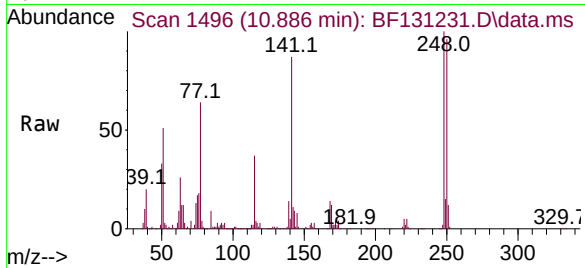




#67
4-Bromophenyl-phenylether
Concen: 35.875 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

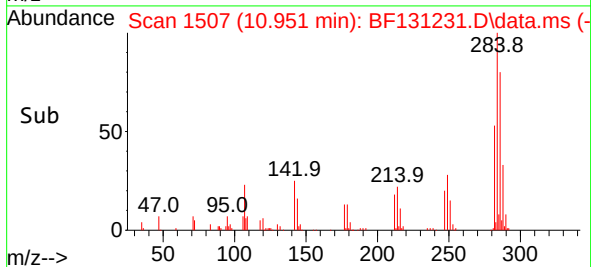
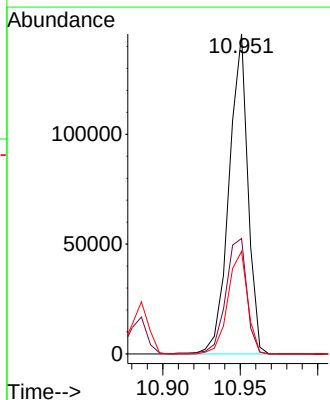
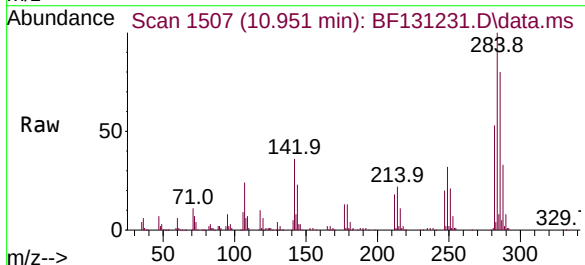
Instrument :
BNA_F
ClientSampleId :
PB148810BS

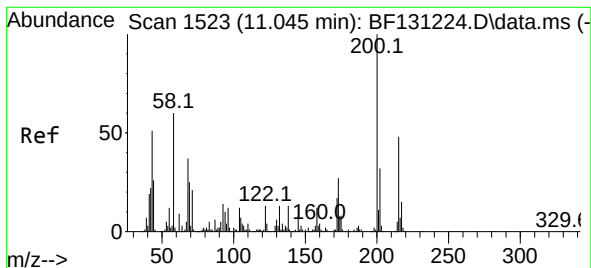
Tgt Ion:248 Resp: 123301
Ion Ratio Lower Upper
248 100
250 95.8 76.7 115.1
141 86.5 64.3 96.5



#68
Hexachlorobenzene
Concen: 32.803 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:284 Resp: 123548
Ion Ratio Lower Upper
284 100
142 36.1 27.0 40.4
249 32.0 24.6 37.0





#69

Atrazine

Concen: 20.824 ng

RT: 11.045 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

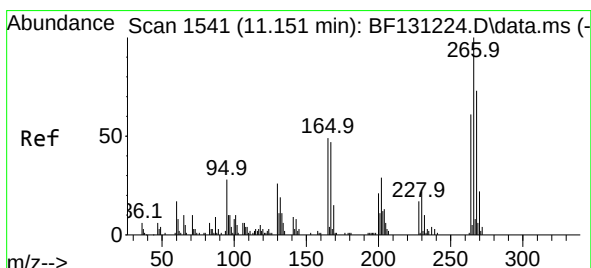
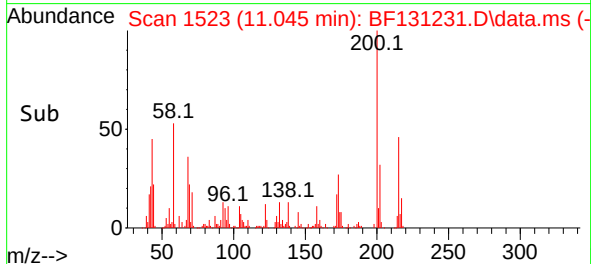
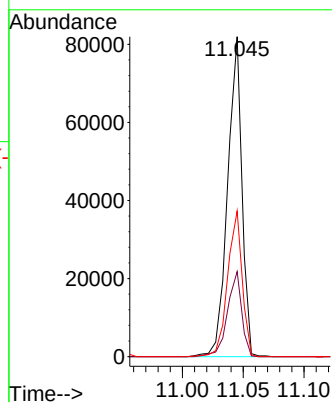
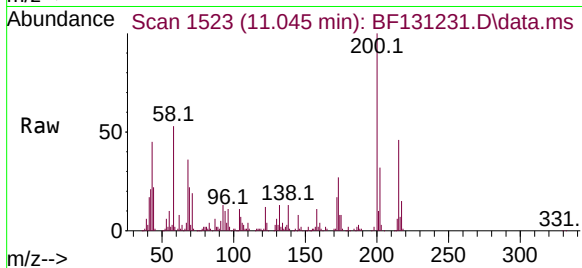
Tgt Ion:200 Resp: 66937

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 45.5 28.1 68.1



#70

Pentachlorophenol

Concen: 71.717 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

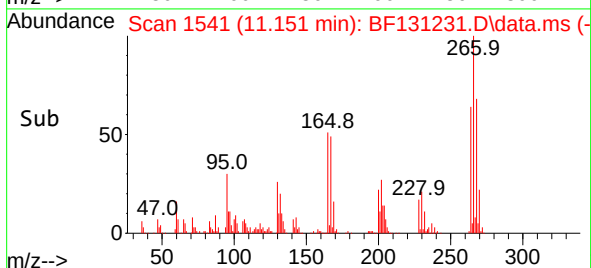
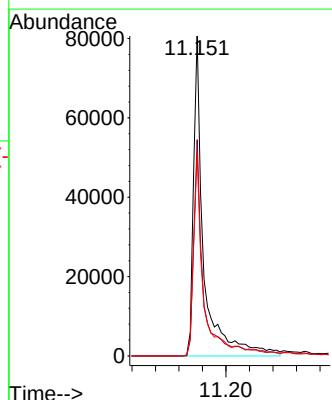
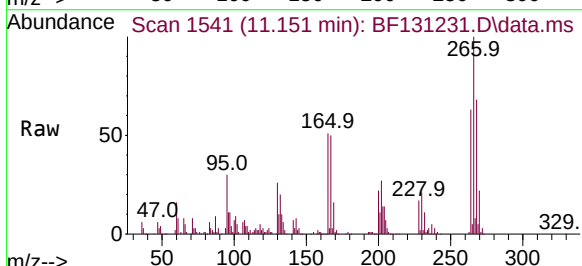
Tgt Ion:266 Resp: 98385

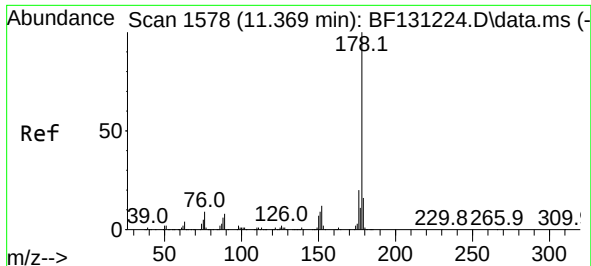
Ion Ratio Lower Upper

266 100

268 67.6 58.3 87.5

264 63.4 49.0 73.4

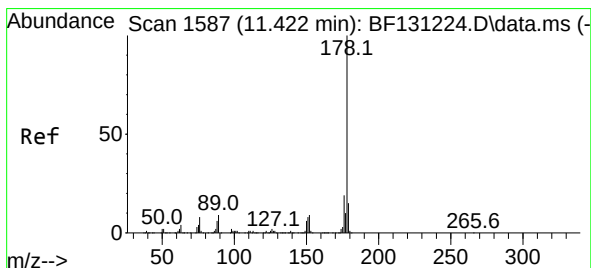
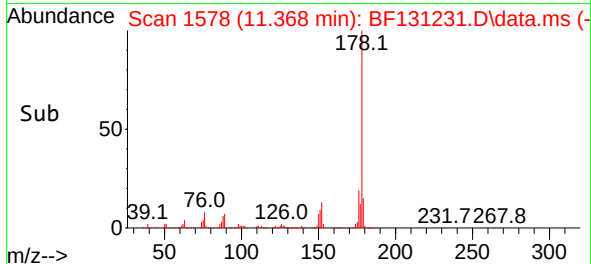
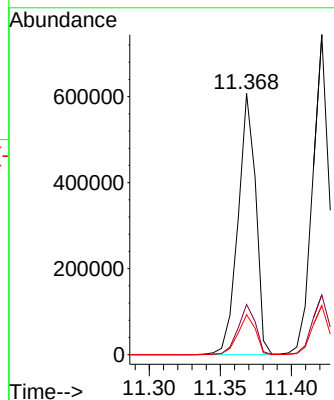
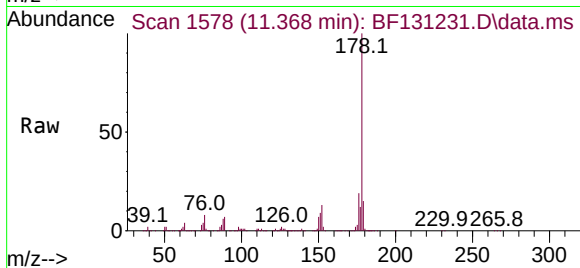




#71
Phenanthrene
Concen: 31.268 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

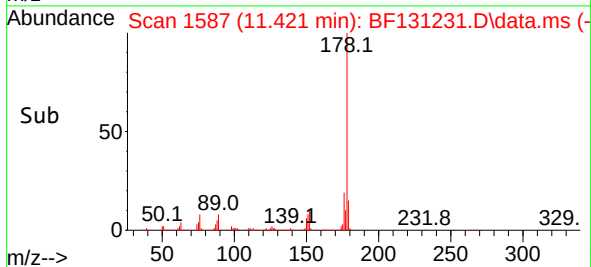
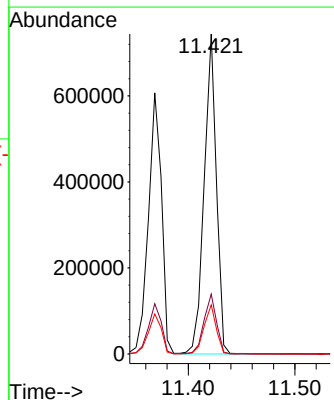
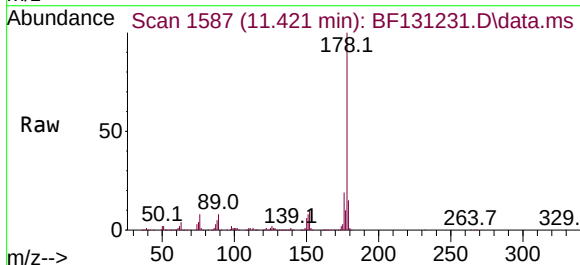
Instrument :
BNA_F
ClientSampleId :
PB148810BS

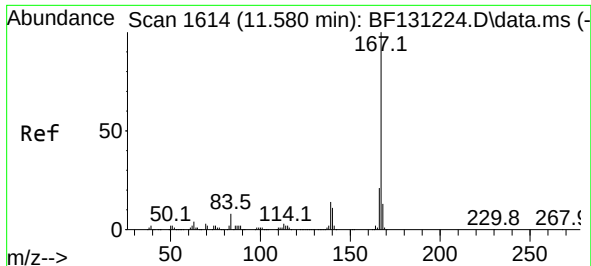
Tgt Ion:178 Resp: 523887
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.3 12.6 18.8



#72
Anthracene
Concen: 36.801 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.001 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:178 Resp: 590819
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 12.3 18.5

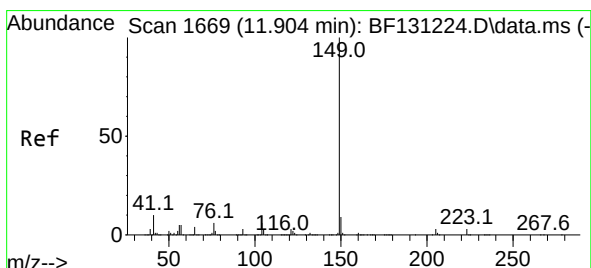
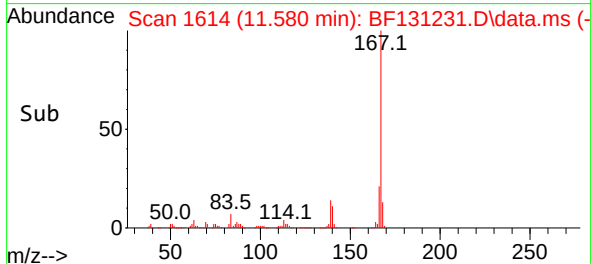
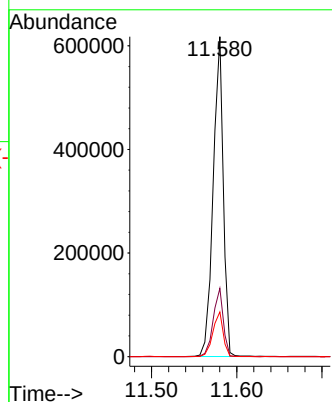
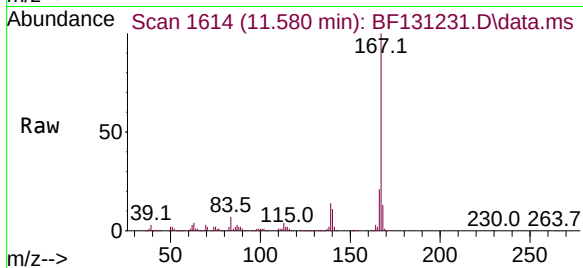




#73
 Carbazole
 Concen: 33.107 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

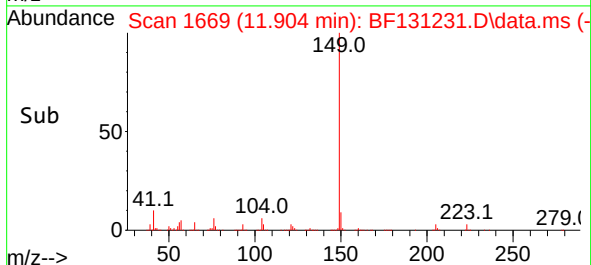
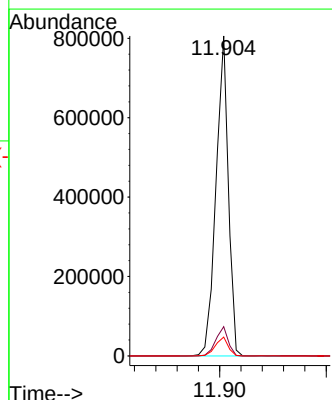
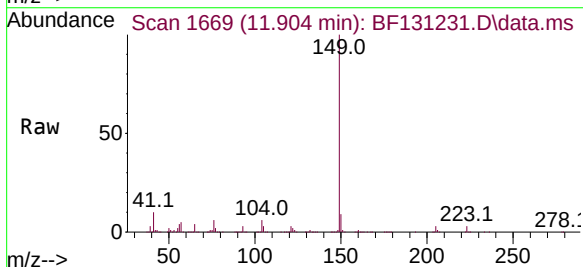
Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS

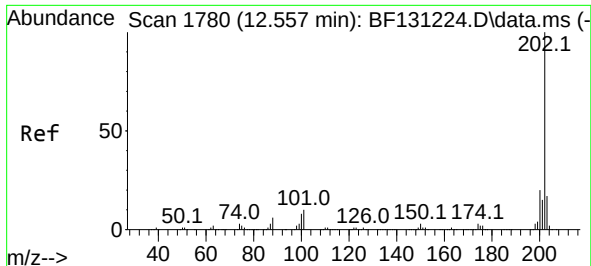
Tgt Ion:167 Resp: 508635
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 14.0 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 34.281 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Tgt Ion:149 Resp: 648973
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.9 4.6 6.8

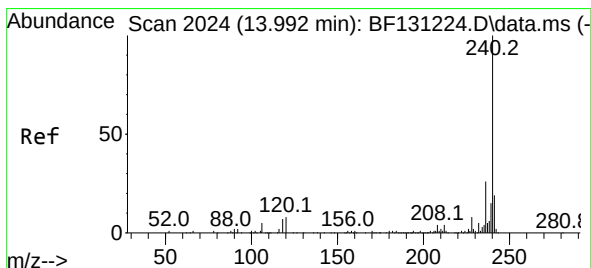
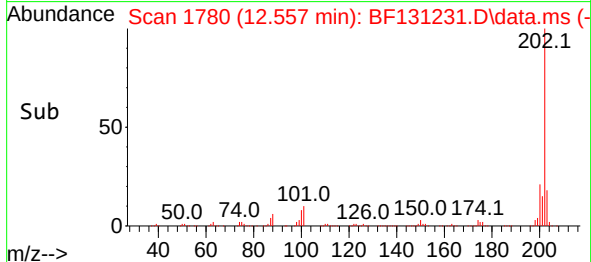
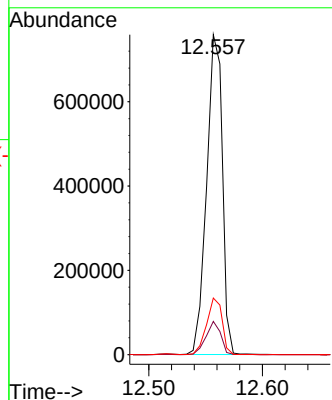
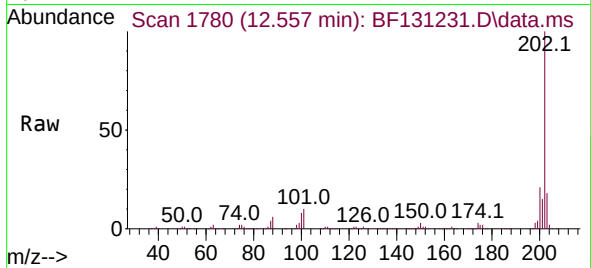




#75
Fluoranthene
Concen: 39.547 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

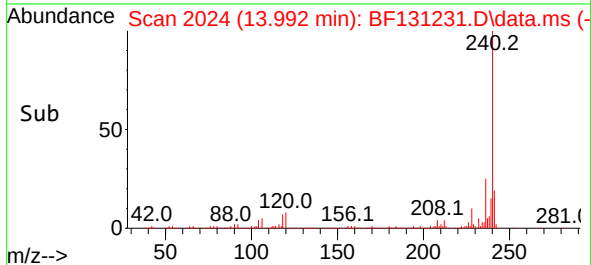
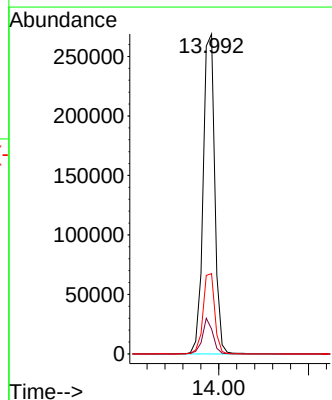
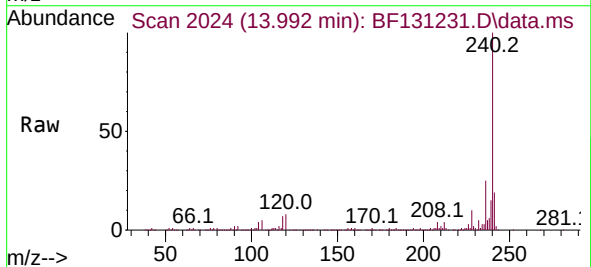
Instrument :
BNA_F
ClientSampleId :
PB148810BS

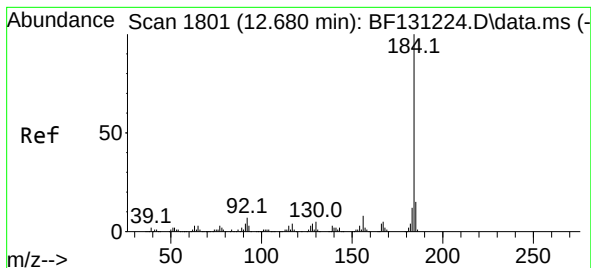
Tgt Ion:202 Resp: 730975
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.3
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:240 Resp: 241897
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 25.1 21.1 31.7





#77

Benzidine

Concen: 10.144 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

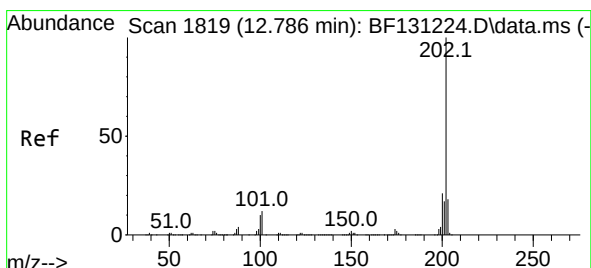
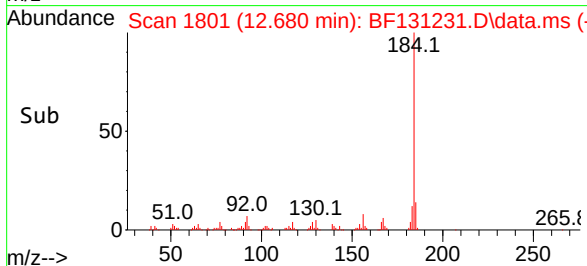
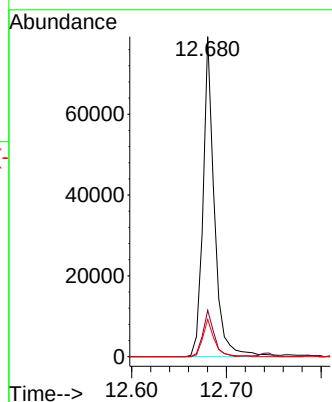
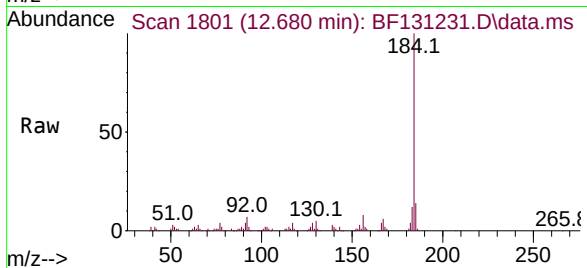
Tgt Ion:184 Resp: 65791

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 11.7 9.4 14.2



#78

Pyrene

Concen: 32.097 ng

RT: 12.786 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

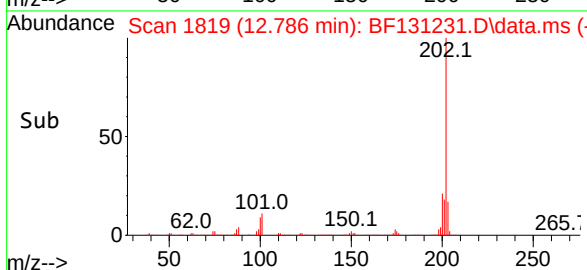
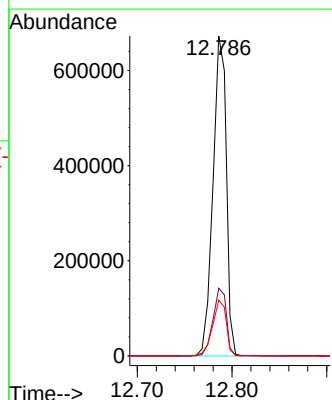
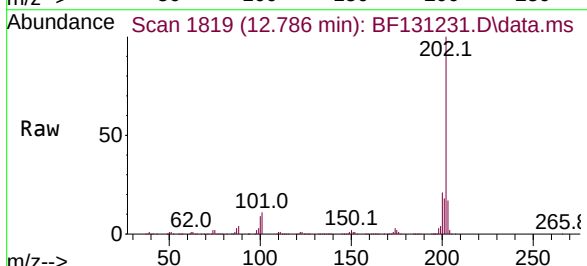
Tgt Ion:202 Resp: 660039

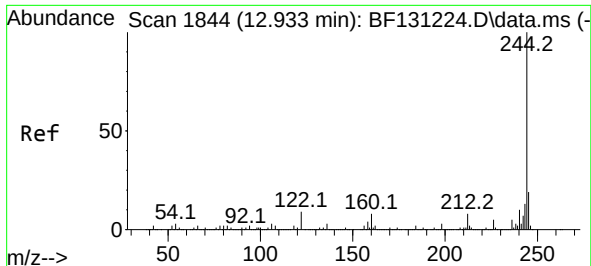
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

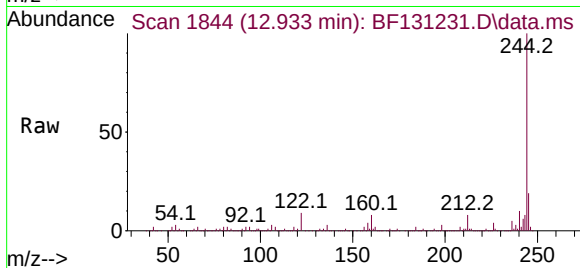
203 17.4 14.5 21.7



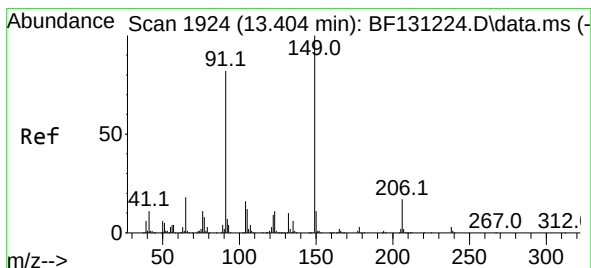
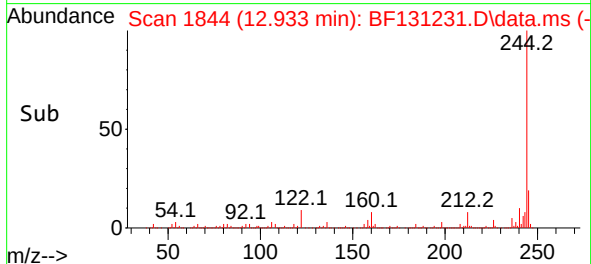
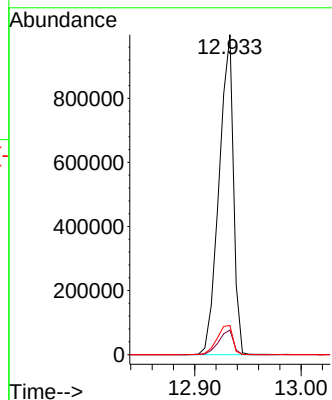


#79
 Terphenyl-d14
 Concen: 66.819 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS

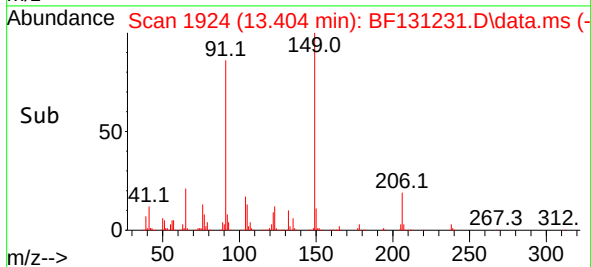
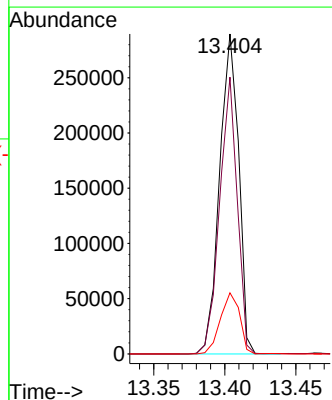
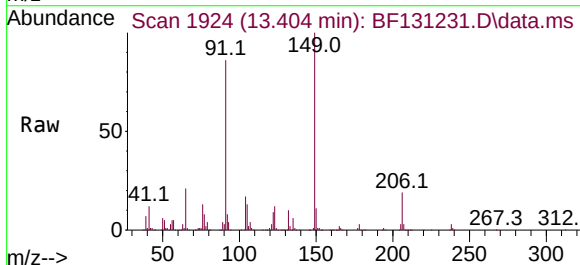


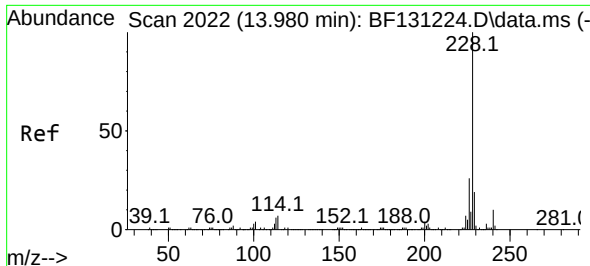
Tgt Ion:244 Resp: 942091
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.1 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 32.738 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Tgt Ion:149 Resp: 269876
 Ion Ratio Lower Upper
 149 100
 91 86.5 65.5 98.3
 206 19.1 13.4 20.0

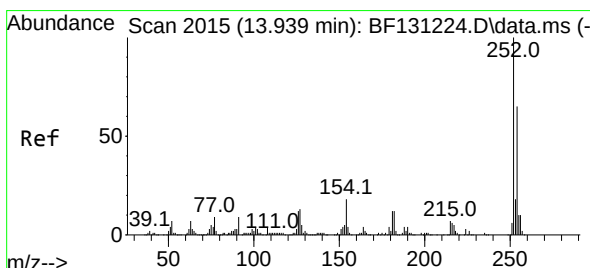
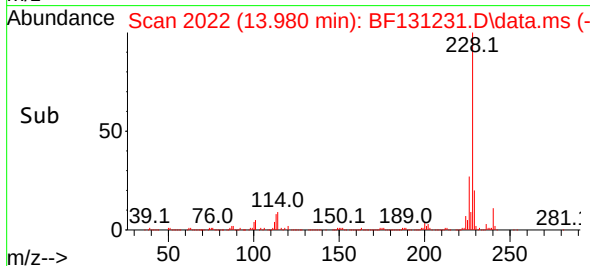
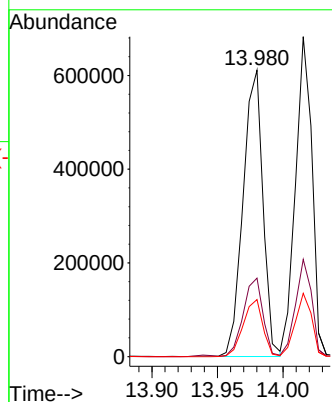
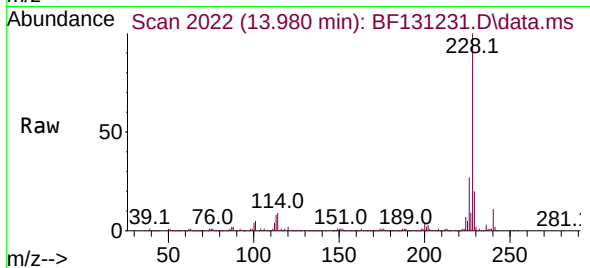




#81
Benzo(a)anthracene
Concen: 37.348 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

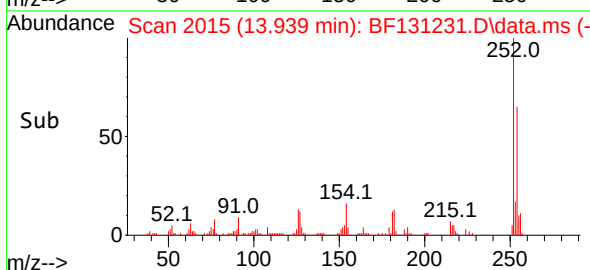
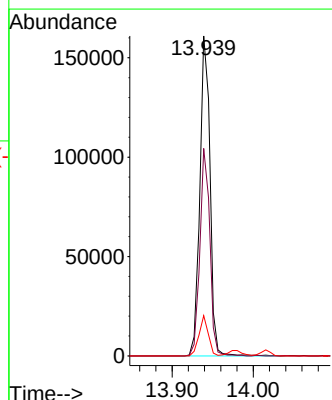
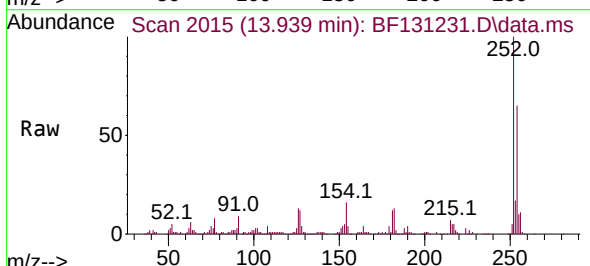
Instrument :
BNA_F
ClientSampleId :
PB148810BS

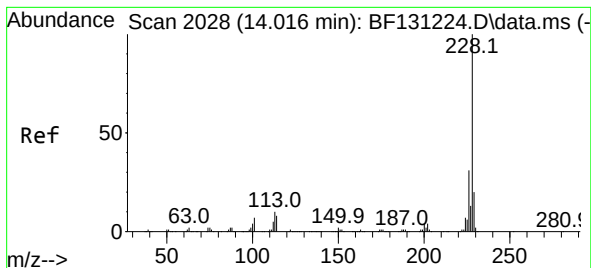
Tgt Ion:228 Resp: 641970
Ion Ratio Lower Upper
228 100
226 27.4 21.1 31.7
229 19.9 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 27.841 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:252 Resp: 139310
Ion Ratio Lower Upper
252 100
254 64.8 52.3 78.5
126 12.6 9.8 14.8





#83

Chrysene

Concen: 36.532 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

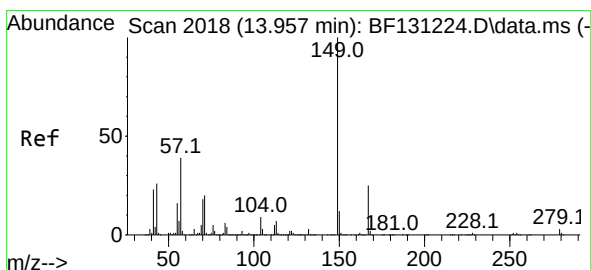
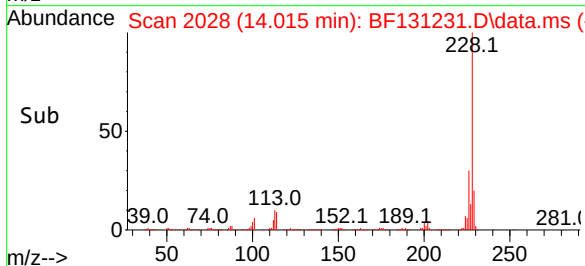
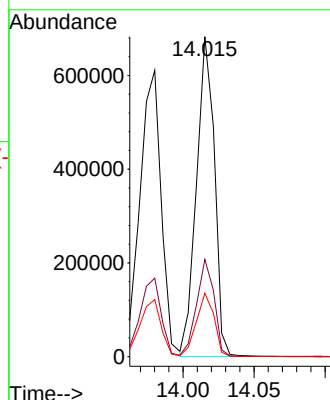
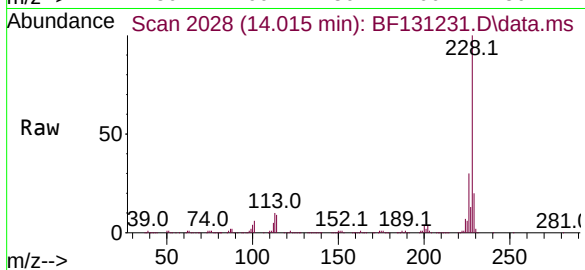
Tgt Ion:228 Resp: 598522

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.027 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

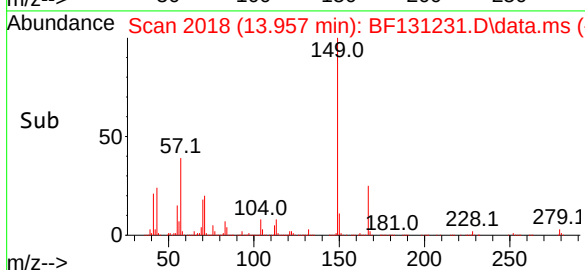
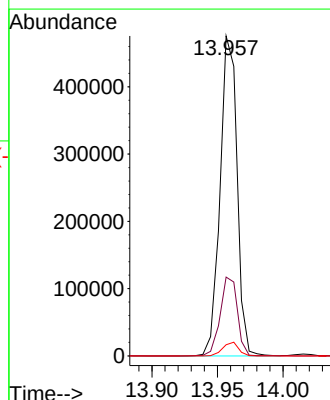
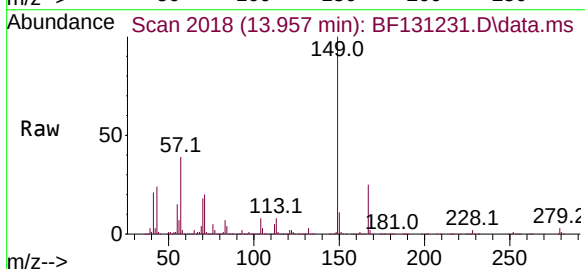
Tgt Ion:149 Resp: 430001

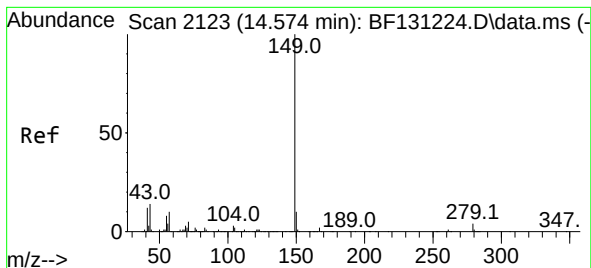
Ion Ratio Lower Upper

149 100

167 24.6 20.2 30.2

279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 28.720 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

PB148810BS

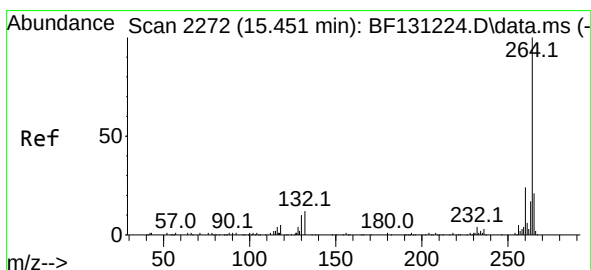
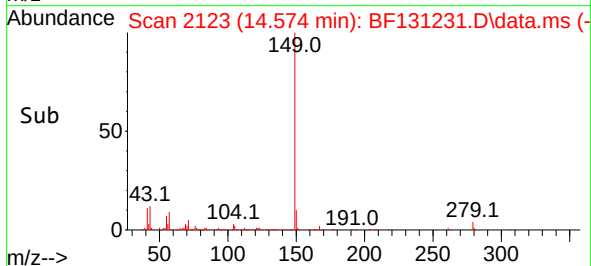
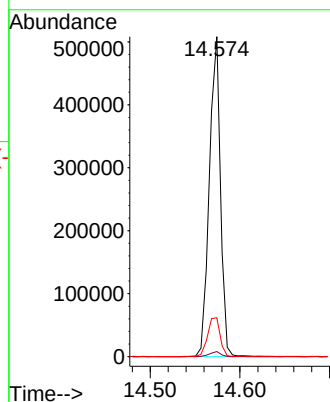
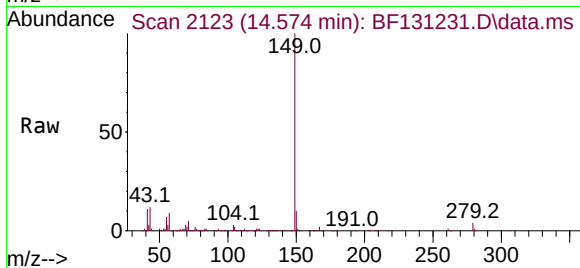
Tgt Ion:149 Resp: 438056

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.7 11.4 17.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF131231.D

Acq: 14 Nov 2022 17:45

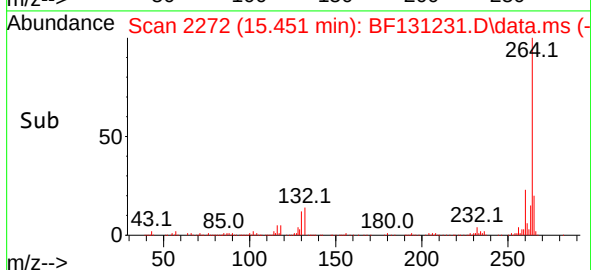
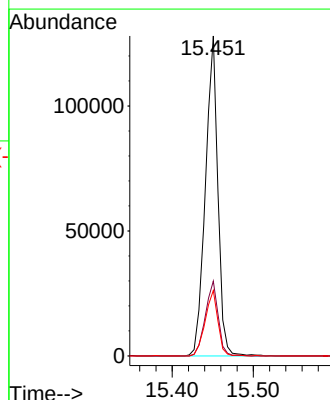
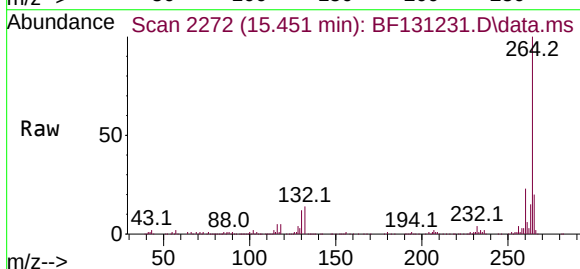
Tgt Ion:264 Resp: 136538

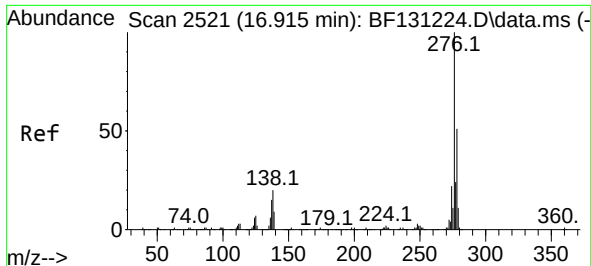
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 20.4 17.0 25.4

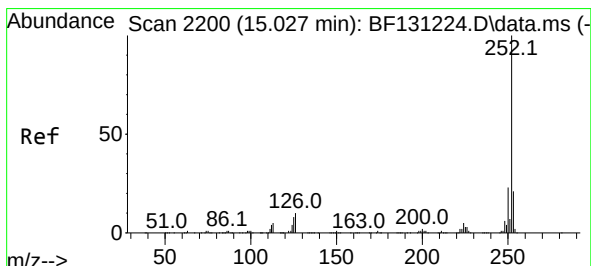
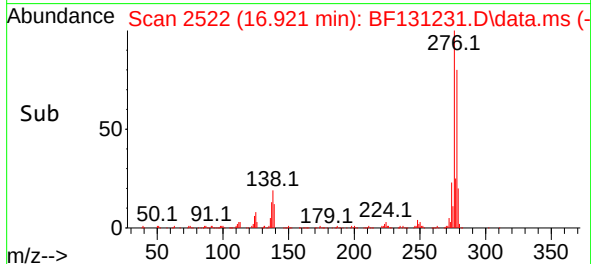
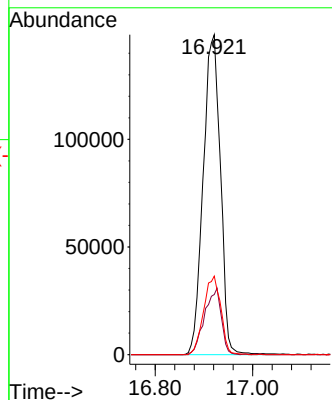
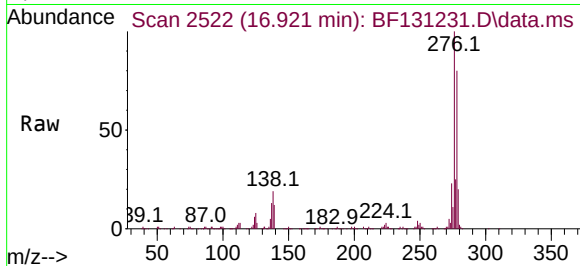




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.952 ng
 RT: 16.921 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

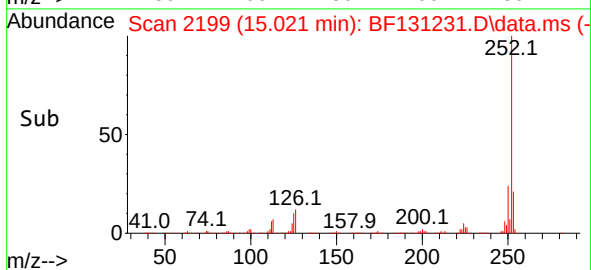
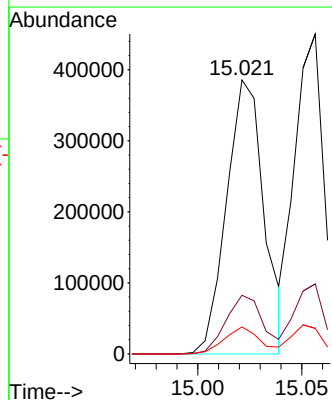
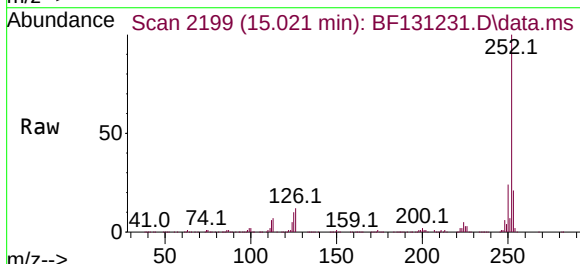
Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS

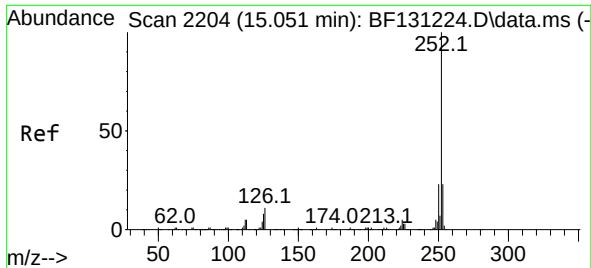
Tgt Ion:276 Resp: 365138
 Ion Ratio Lower Upper
 276 100
 138 20.1 16.2 24.2
 277 24.4 19.5 29.3



#88
 Benzo(b)fluoranthene
 Concen: 48.567 ng m
 RT: 15.021 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Tgt Ion:252 Resp: 485898
 Ion Ratio Lower Upper
 252 100
 253 21.4 16.9 25.3
 125 9.9 6.1 9.1#

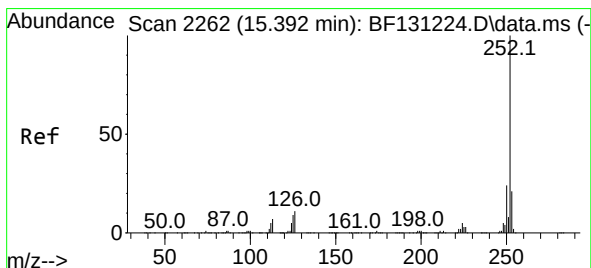
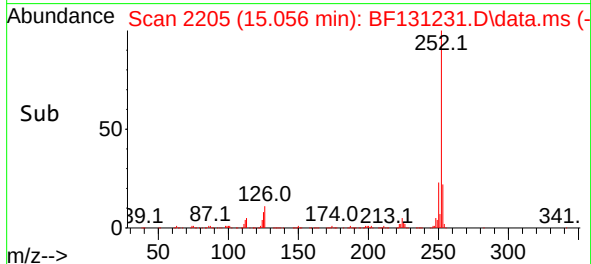
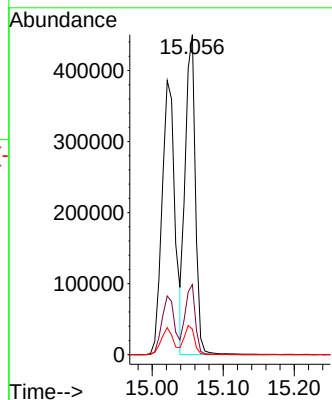
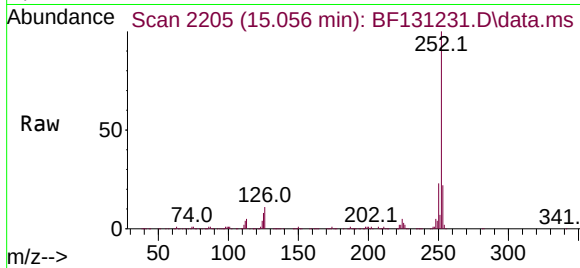




#89
Benzo(k)fluoranthene
Concen: 47.551 ng
RT: 15.056 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

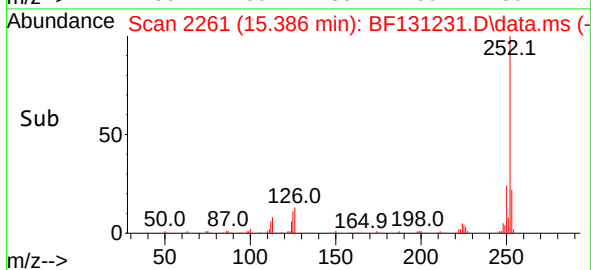
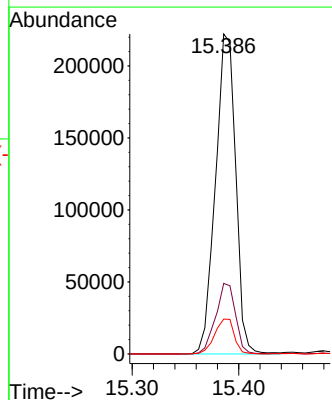
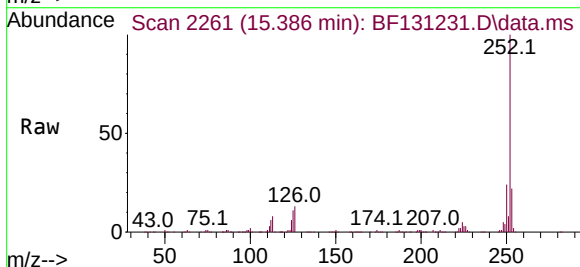
Instrument :
BNA_F
ClientSampleId :
PB148810BS

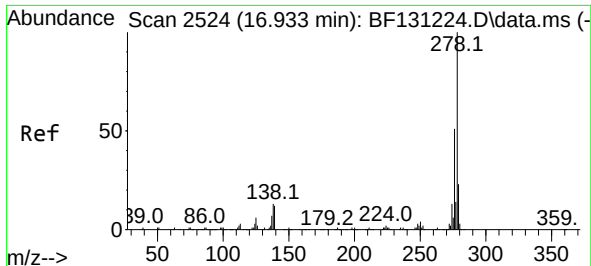
Tgt Ion:252 Resp: 447304
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 8.0 6.7 10.1



#90
Benzo(a)pyrene
Concen: 37.511 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF131231.D
Acq: 14 Nov 2022 17:45

Tgt Ion:252 Resp: 293701
Ion Ratio Lower Upper
252 100
253 22.0 16.6 25.0
125 10.9 6.9 10.3#

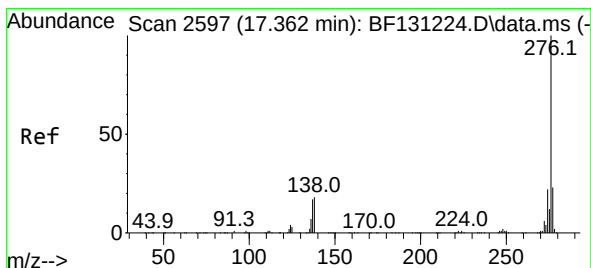
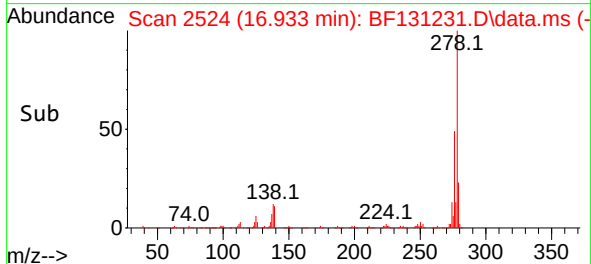
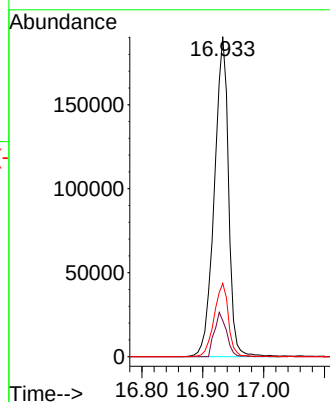
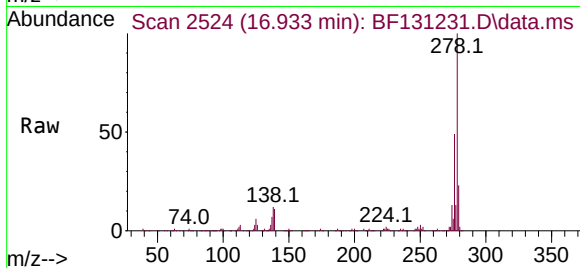




#91
 Dibenzo(a,h)anthracene
 Concen: 40.186 ng
 RT: 16.933 min Scan# 2524
 Delta R.T. -0.000 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS

Tgt Ion:278 Resp: 308257
 Ion Ratio Lower Upper
 278 100
 139 11.2 9.4 14.0
 279 22.9 18.4 27.6



#92
 Benzo(g,h,i)perylene
 Concen: 41.212 ng
 RT: 17.362 min Scan# 2597
 Delta R.T. 0.000 min
 Lab File: BF131231.D
 Acq: 14 Nov 2022 17:45

Tgt Ion:276 Resp: 327388
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.0 27.0
 138 17.2 14.3 21.5

