

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137080.D
 Acq On : 16 Jan 2024 15:37
 Operator : CG\JU
 Sample : IDOC-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

Quant Time: Jan 16 15:56:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	68740	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	269167	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	138262	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	246905	20.000	ng	0.00
76) Chrysene-d12	13.974	240	128848	20.000	ng	0.00
86) Perylene-d12	15.462	264	130737	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	508884	115.508	ng	0.02
7) Phenol-d6	6.445	99	623683	109.253	ng	0.00
23) Nitrobenzene-d5	7.351	82	384057	73.013	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	176119	108.158	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	775222	75.412	ng	0.00
79) Terphenyl-d14	12.910	244	721892	78.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	59574	32.454	ng	99
3) Pyridine	3.399	79	136189	30.408	ng	96
4) n-Nitrosodimethylamine	3.363	42	85123	35.590	ng	96
6) Aniline	6.457	93	171360	30.024	ng	# 1
8) 2-Chlorophenol	6.581	128	195381	40.525	ng	94
9) Benzaldehyde	6.345	77	49933	15.378	ng	98
10) Phenol	6.457	94	232948	38.226	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	181218	39.103	ng	96
12) 1,3-Dichlorobenzene	6.728	146	193446	36.781	ng	97
13) 1,4-Dichlorobenzene	6.804	146	197130	36.683	ng	97
14) 1,2-Dichlorobenzene	6.951	146	187676	37.531	ng	99
15) Benzyl Alcohol	6.939	79	157315	40.848	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	283458	37.411	ng	# 46
17) 2-Methylphenol	7.051	107	150022	37.562	ng	95
18) Hexachloroethane	7.287	117	70884	36.320	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	130445	37.695	ng	95
20) 3+4-Methylphenols	7.210	107	195839	39.248	ng	# 54
22) Acetophenone	7.198	105	267330	39.624	ng	# 90
24) Nitrobenzene	7.375	77	191880	36.415	ng	92
25) Isophorone	7.610	82	359366	37.546	ng	98
26) 2-Nitrophenol	7.686	139	100855	40.005	ng	98
27) 2,4-Dimethylphenol	7.728	122	166631	54.291	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	226876	38.996	ng	98
29) 2,4-Dichlorophenol	7.934	162	157504	39.860	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	163326	37.098	ng	98
31) Naphthalene	8.086	128	550214	37.209	ng	100
32) Benzoic acid	7.886	122	110825	37.319	ng	97
33) 4-Chloroaniline	8.139	127	116377	21.315	ng	96
34) Hexachlorobutadiene	8.192	225	97389	36.409	ng	98
35) Caprolactam	8.522	113	38270	29.359	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	167647	37.687	ng	99
37) 2-Methylnaphthalene	8.775	142	359329	37.758	ng	99
38) 1-Methylnaphthalene	8.875	142	334792	35.858	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	170863	39.904	ng	98
41) Hexachlorocyclopentadiene	8.922	237	83699	62.451	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	108603	39.549	ng	99

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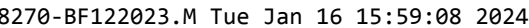
Instrument :
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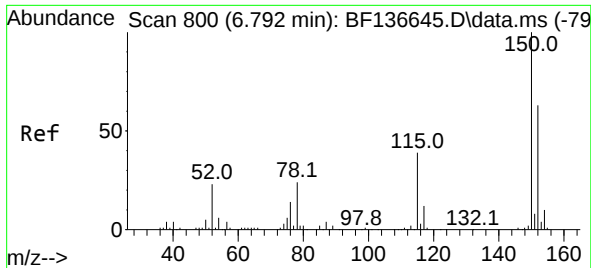
Quant Time: Jan 16 15:56:08 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	113654	37.141	ng	97
46) 1,1'-Biphenyl	9.245	154	463546	39.953	ng	98
47) 2-Chloronaphthalene	9.269	162	330406	37.460	ng	99
48) 2-Nitroaniline	9.375	65	102385	37.069	ng	95
49) Acenaphthylene	9.686	152	525555	38.983	ng	100
50) Dimethylphthalate	9.545	163	386661	38.287	ng	99
51) 2,6-Dinitrotoluene	9.616	165	84684	36.948	ng	88
52) Acenaphthene	9.857	154	318232	38.080	ng	98
53) 3-Nitroaniline	9.786	138	65927	27.154	ng	100
54) 2,4-Dinitrophenol	9.910	184	74891	59.939	ng	97
55) Dibenzofuran	10.033	168	472838	37.325	ng	97
56) 4-Nitrophenol	9.975	139	84907	51.804	ng	94
57) 2,4-Dinitrotoluene	10.028	165	105195	35.355	ng #	89
58) Fluorene	10.375	166	388425	38.643	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	91574	38.875	ng	96
60) Diethylphthalate	10.251	149	389210	37.144	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	185858	38.041	ng	99
62) 4-Nitroaniline	10.410	138	74130	31.672	ng	94
63) Azobenzene	10.527	77	358205	36.601	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	56279	39.773	ng	81
66) n-Nitrosodiphenylamine	10.486	169	340181	42.413	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	113019	41.217	ng	97
68) Hexachlorobenzene	10.927	284	122167	39.979	ng	96
69) Atrazine	11.027	200	136595	66.585	ng	99
70) Pentachlorophenol	11.127	266	97450	68.418	ng	99
71) Phenanthrene	11.345	178	519591	41.013	ng	99
72) Anthracene	11.398	178	521250	40.627	ng	99
73) Carbazole	11.557	167	460140	38.039	ng	99
74) Di-n-butylphthalate	11.880	149	588043	39.838	ng	99
75) Fluoranthene	12.539	202	498868	36.813	ng	99
77) Benzidine	12.663	184	67933	17.881	ng	99
78) Pyrene	12.769	202	495555	39.179	ng	100
80) Butylbenzylphthalate	13.386	149	190518	41.395	ng	99
81) Benzo(a)anthracene	13.968	228	369000	41.243	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	105910	41.682	ng	97
83) Chrysene	14.004	228	343406	39.250	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	266821	46.077	ng	97
85) Di-n-octyl phthalate	14.563	149	425102	47.458	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	455647	48.271	ng	100
88) Benzo(b)fluoranthene	15.027	252	361301	41.376	ng	98
89) Benzo(k)fluoranthene	15.062	252	327086	39.642	ng	98
90) Benzo(a)pyrene	15.404	252	314262	42.636	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	383436	49.513	ng	97
92) Benzo(g,h,i)perylene	17.462	276	381193	48.060	ng	97

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

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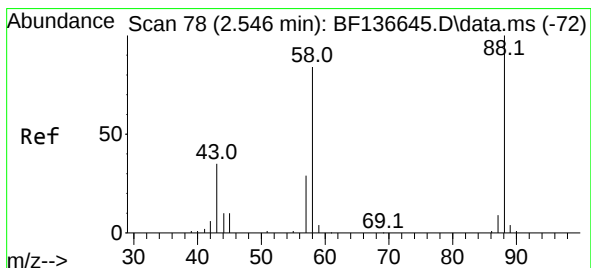
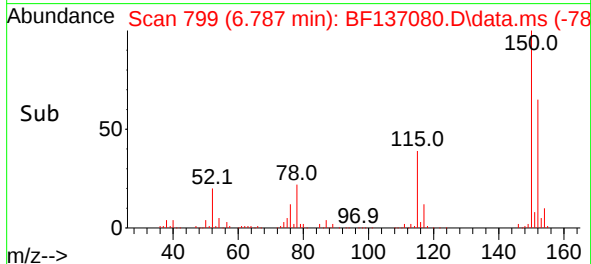
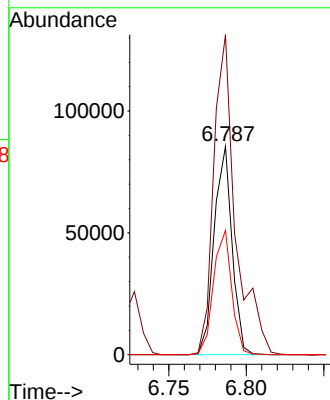
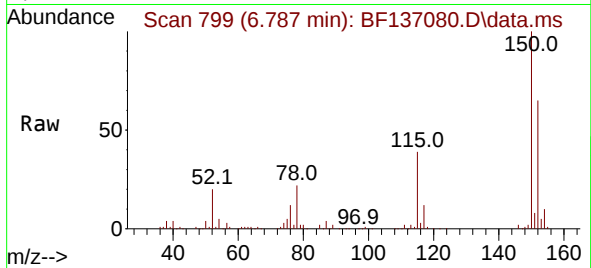




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF137080.D
 Acq: 16 Jan 2024 15:37

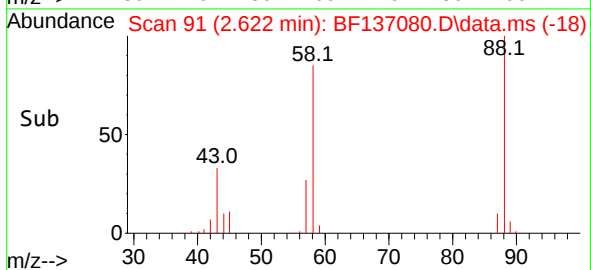
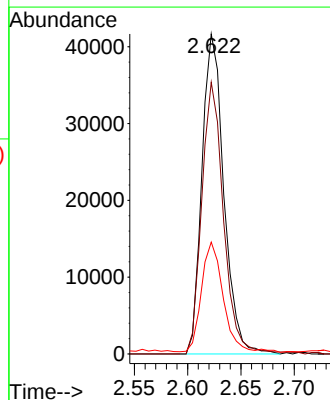
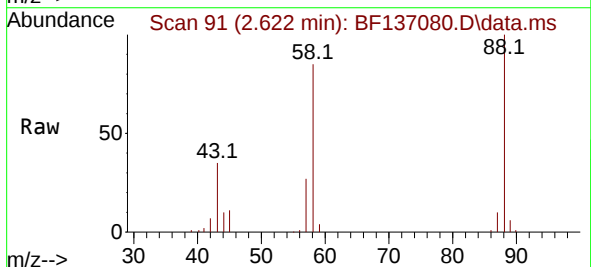
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

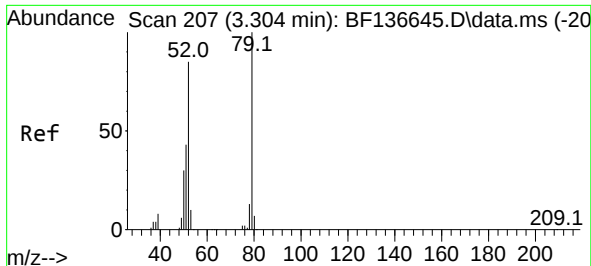
Tgt Ion:152 Resp: 68740
 Ion Ratio Lower Upper
 152 100
 150 153.6 127.0 190.6
 115 59.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 32.454 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.077 min
 Lab File: BF137080.D
 Acq: 16 Jan 2024 15:37

Tgt Ion: 88 Resp: 59574
 Ion Ratio Lower Upper
 88 100
 58 84.5 67.4 101.0
 43 33.4 27.7 41.5





#3

Pyridine

Concen: 30.408 ng

RT: 3.399 min Scan# 217

Delta R.T. 0.094 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

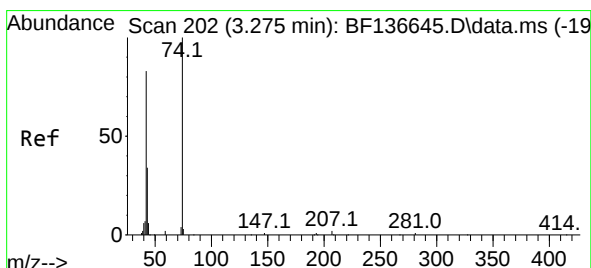
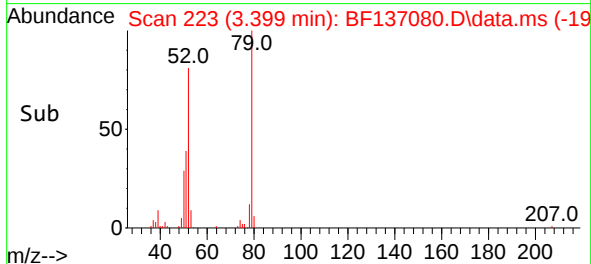
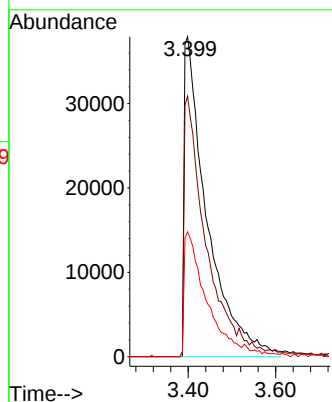
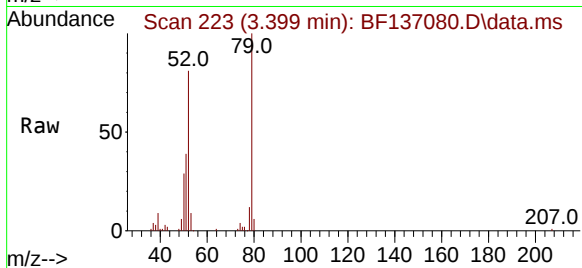
Tgt Ion: 79 Resp: 136189

Ion Ratio Lower Upper

79 100

52 81.4 67.7 101.5

51 39.0 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 35.590 ng

RT: 3.363 min Scan# 217

Delta R.T. 0.088 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

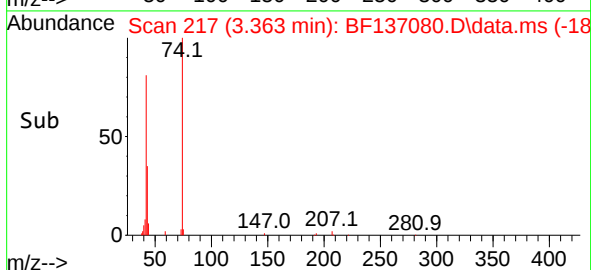
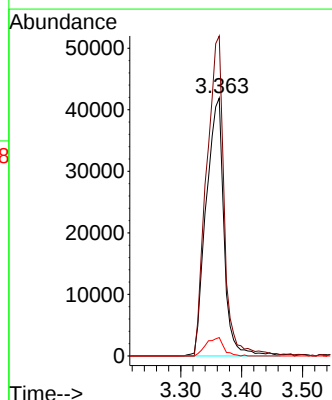
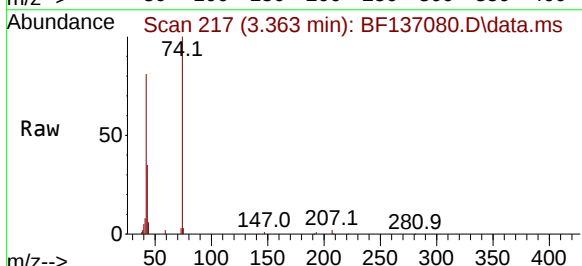
Tgt Ion: 42 Resp: 85123

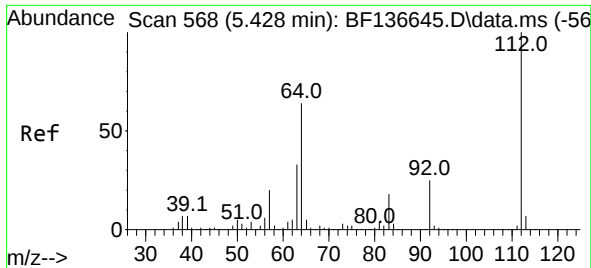
Ion Ratio Lower Upper

42 100

74 124.1 96.0 144.0

44 7.1 5.4 8.2

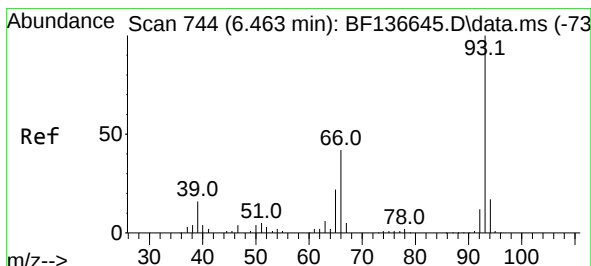
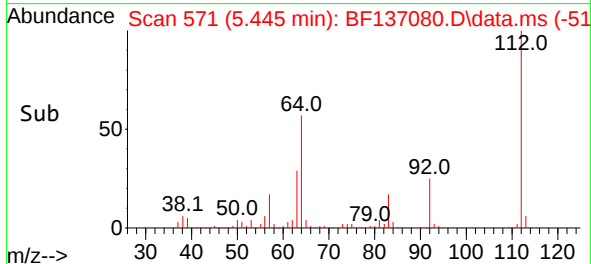
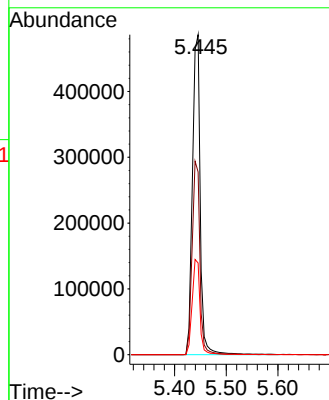
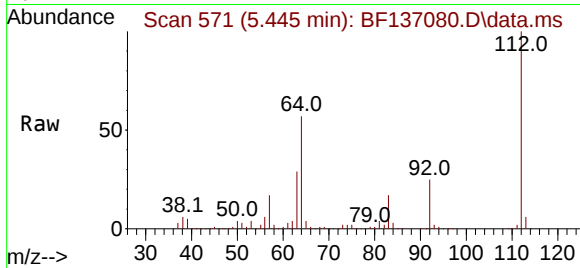




#5
2-Fluorophenol
Concen: 115.508 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

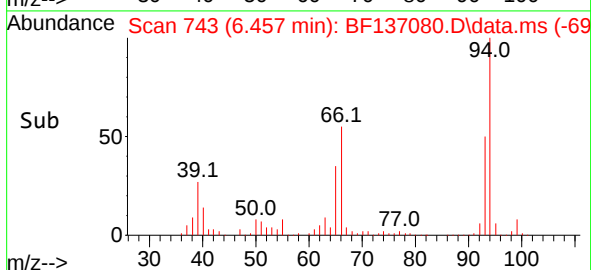
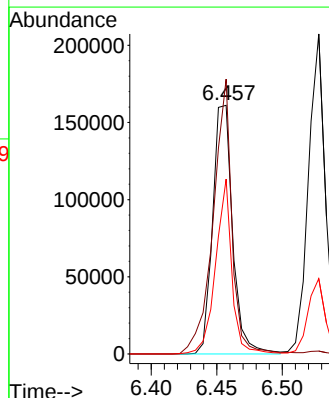
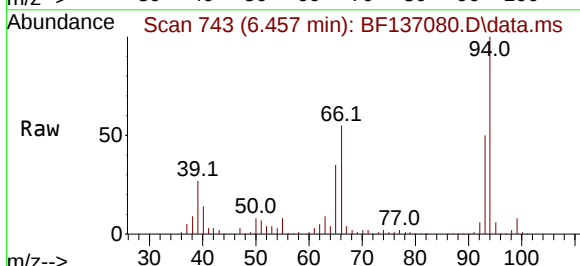
Instrument :
BNA_F
ClientSampleId :
IDOC-01

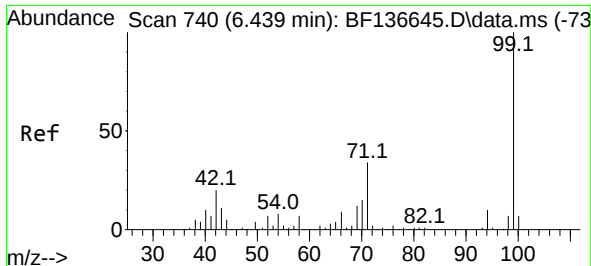
Tgt Ion:112 Resp: 508884
Ion Ratio Lower Upper
112 100
64 57.1 51.1 76.7
63 28.6 26.1 39.1



#6
Aniline
Concen: 30.024 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion: 93 Resp: 171360
Ion Ratio Lower Upper
93 100
66 110.5 34.6 51.8#
65 70.3 17.8 26.8#





#7

Phenol-d6

Concen: 109.253 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

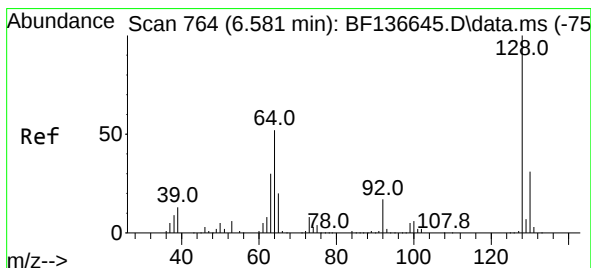
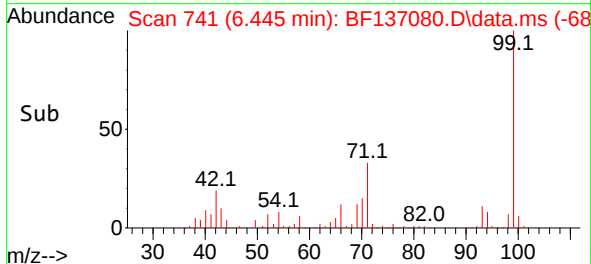
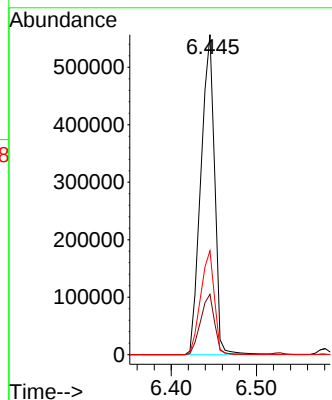
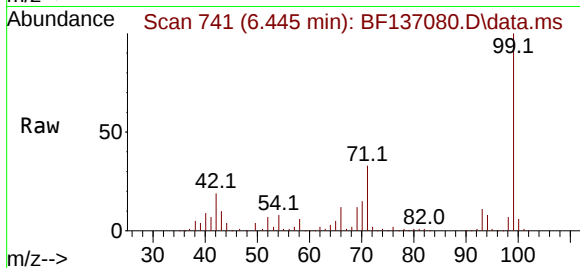
Tgt Ion: 99 Resp: 623683

Ion Ratio Lower Upper

99 100

42 18.9 16.1 24.1

71 32.5 27.4 41.2



#8

2-Chlorophenol

Concen: 40.525 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

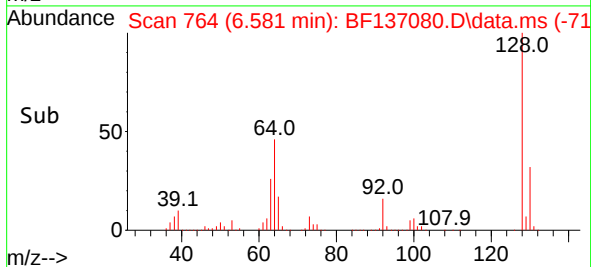
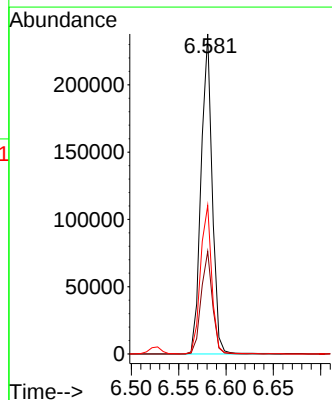
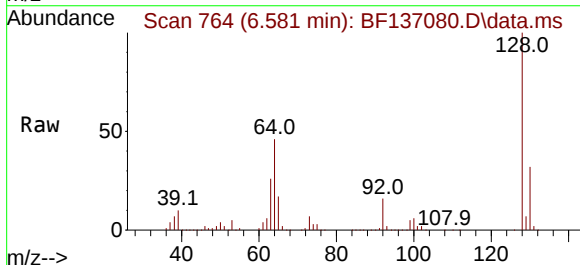
Tgt Ion:128 Resp: 195381

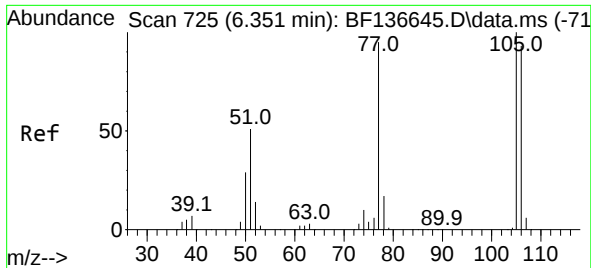
Ion Ratio Lower Upper

128 100

130 32.1 11.3 51.3

64 46.4 32.5 72.5





#9

Benzaldehyde

Concen: 15.378 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

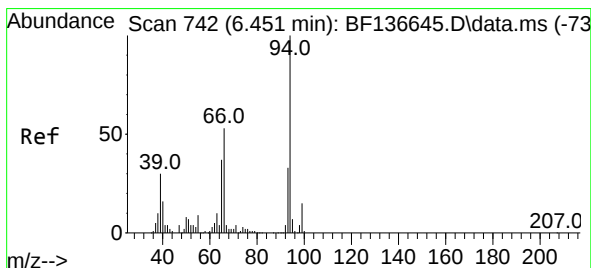
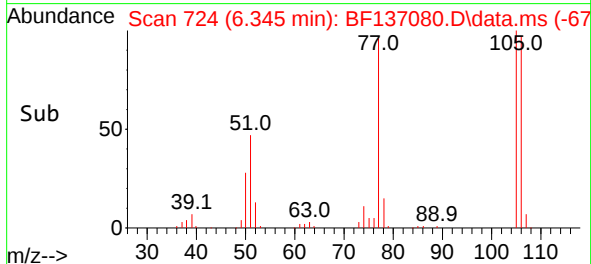
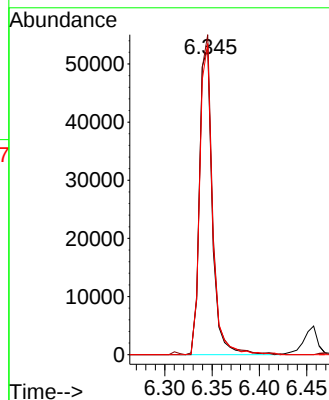
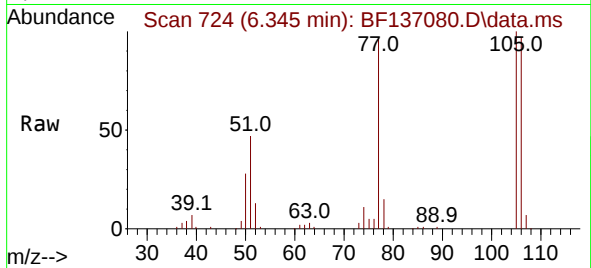
Tgt Ion: 77 Resp: 49933

Ion Ratio Lower Upper

77 100

105 104.1 84.8 124.8

106 101.1 77.8 117.8



#10

Phenol

Concen: 38.226 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

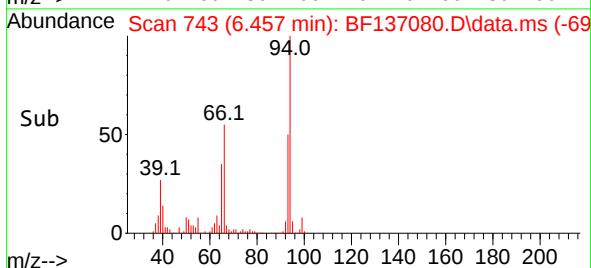
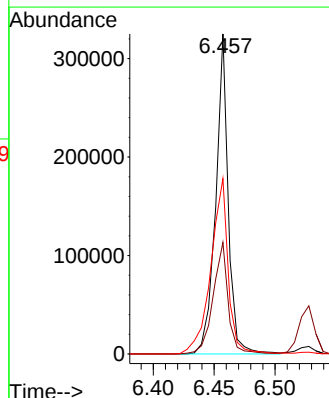
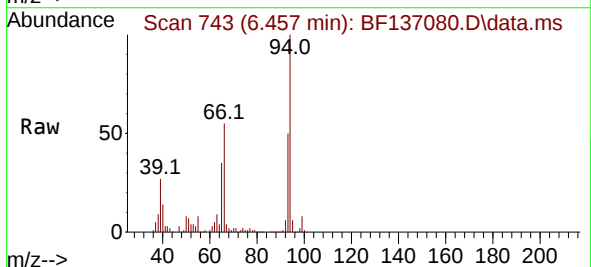
Tgt Ion: 94 Resp: 232948

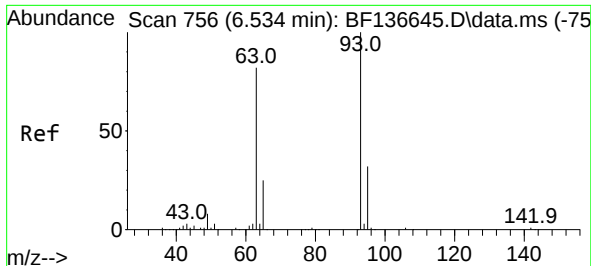
Ion Ratio Lower Upper

94 100

65 34.9 16.6 56.6

66 54.8 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 39.103 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

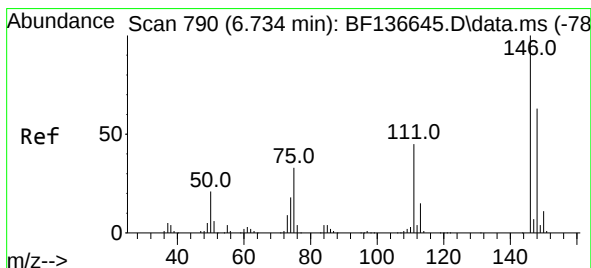
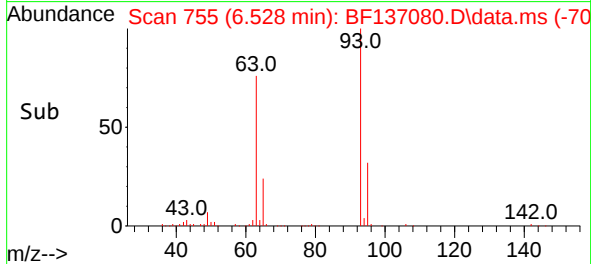
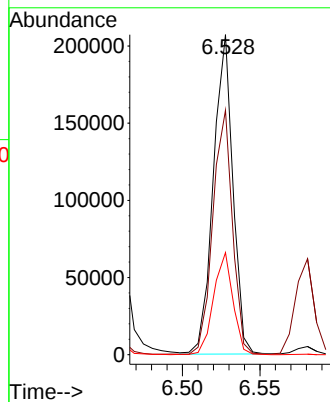
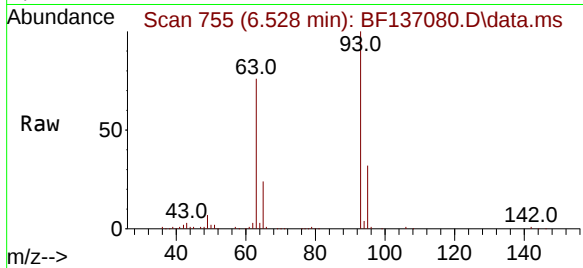
Tgt Ion: 93 Resp: 181218

Ion Ratio Lower Upper

93 100

63 76.4 61.2 101.2

95 31.9 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 36.781 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

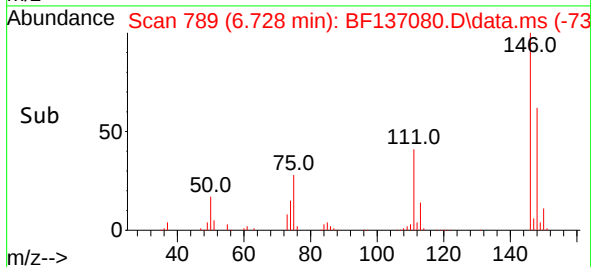
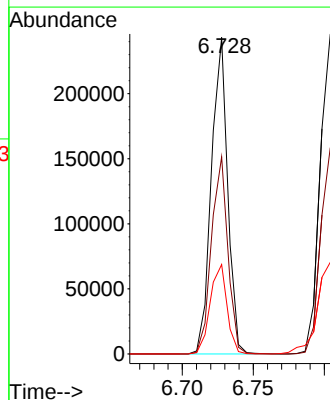
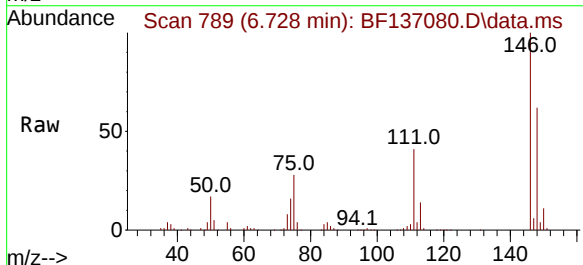
Tgt Ion: 146 Resp: 193446

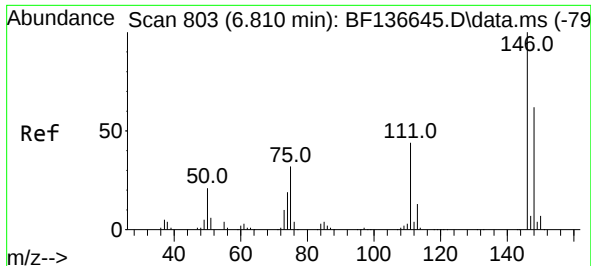
Ion Ratio Lower Upper

146 100

148 62.3 50.5 75.7

75 28.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.683 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

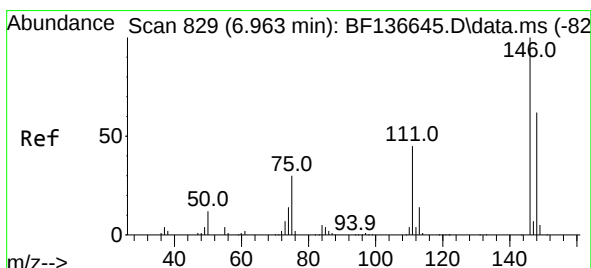
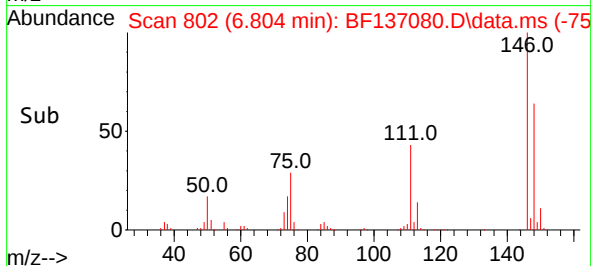
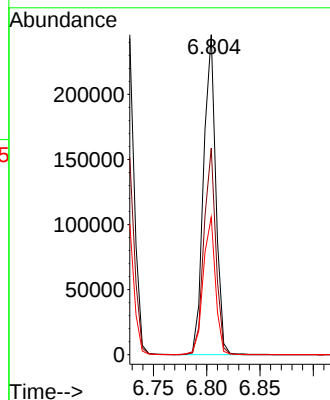
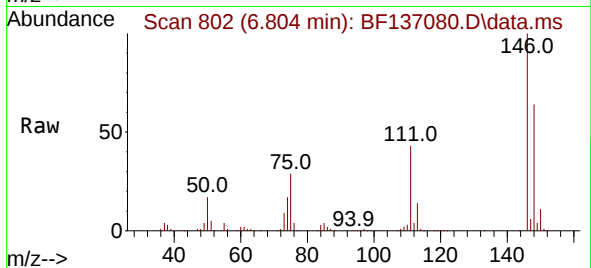
Tgt Ion:146 Resp: 197130

Ion Ratio Lower Upper

146 100

148 64.5 49.2 73.8

111 43.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.531 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

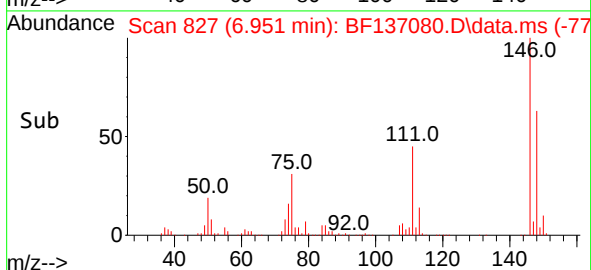
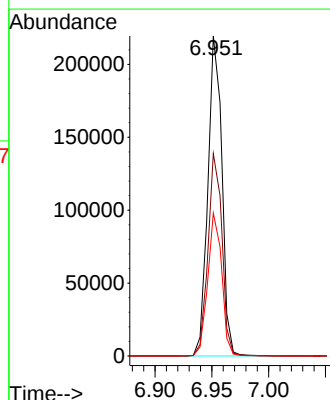
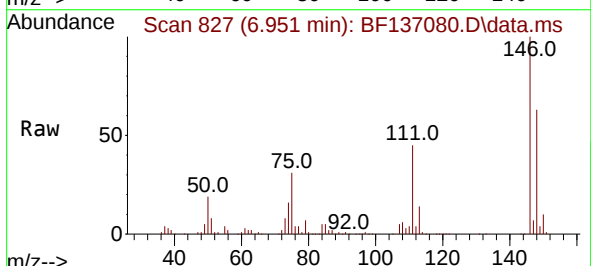
Tgt Ion:146 Resp: 187676

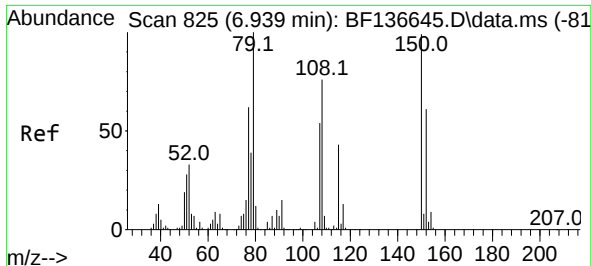
Ion Ratio Lower Upper

146 100

148 63.2 49.6 74.4

111 44.6 36.2 54.2

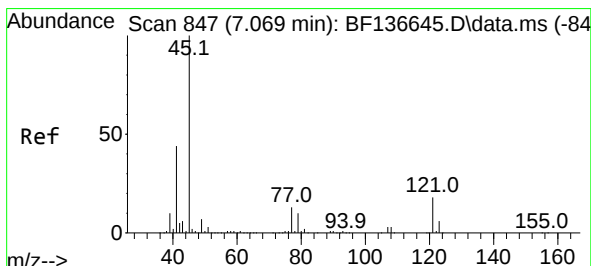
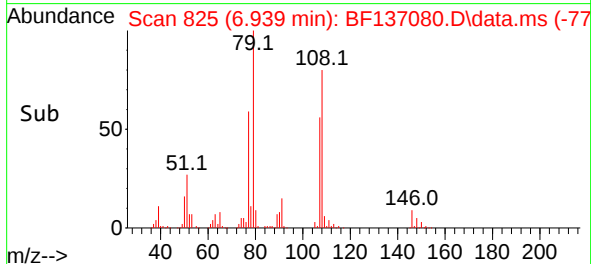
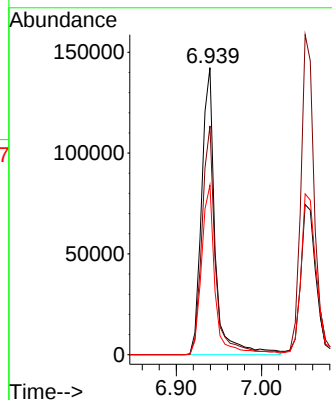
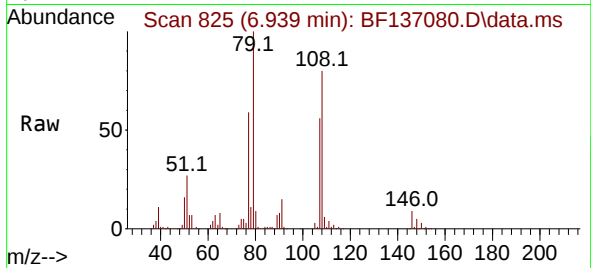




#15
Benzyl Alcohol
Concen: 40.848 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

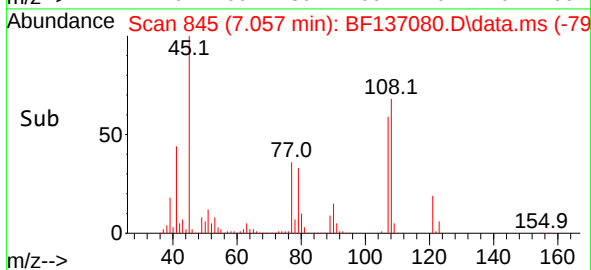
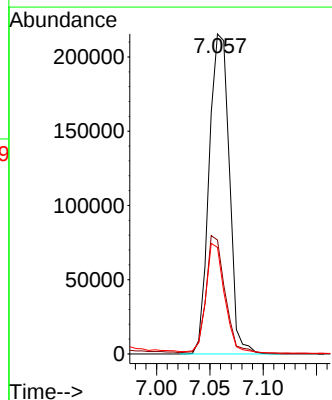
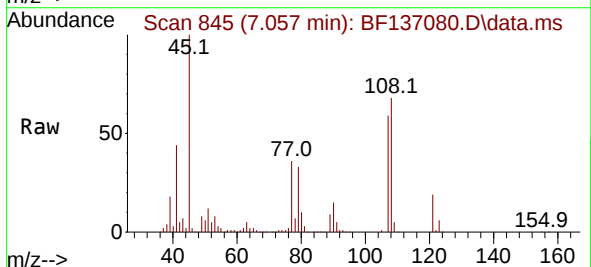
Instrument :
BNA_F
ClientSampleId :
IDOC-01

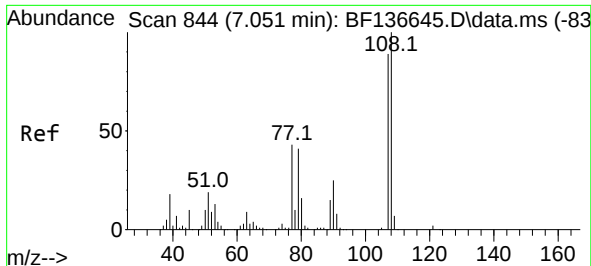
Tgt Ion: 79 Resp: 157315
Ion Ratio Lower Upper
79 100
108 79.7 61.0 91.6
77 59.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.411 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion: 45 Resp: 283458
Ion Ratio Lower Upper
45 100
77 35.6 0.0 34.3#
79 33.3 0.0 31.4#

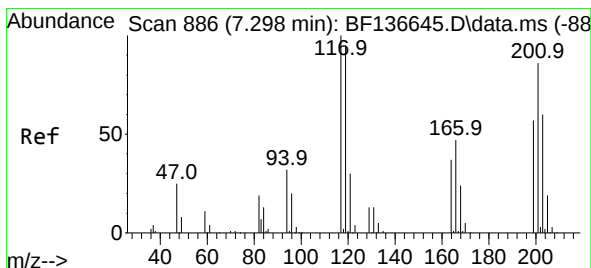
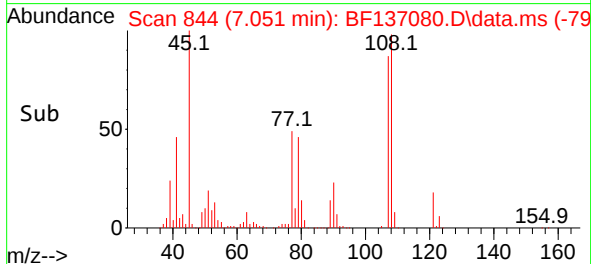
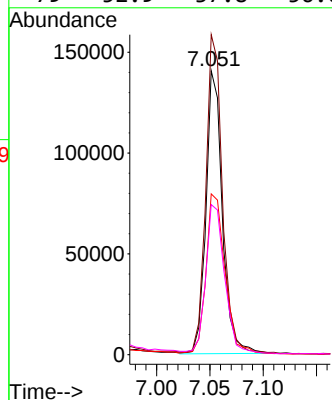
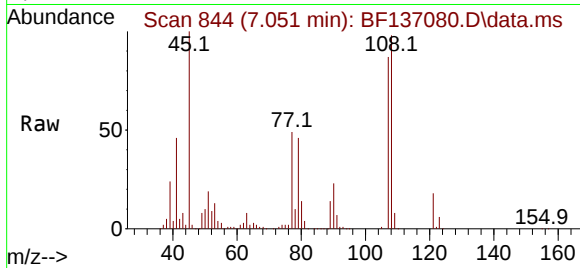




#17
2-Methylphenol
Concen: 37.562 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

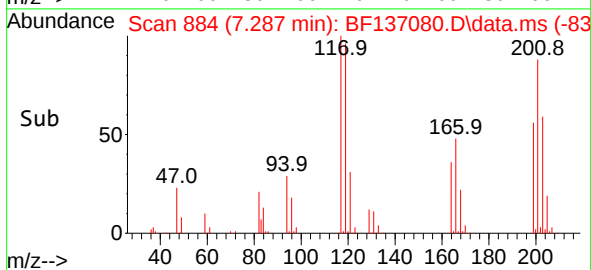
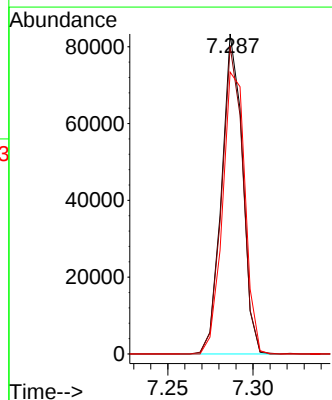
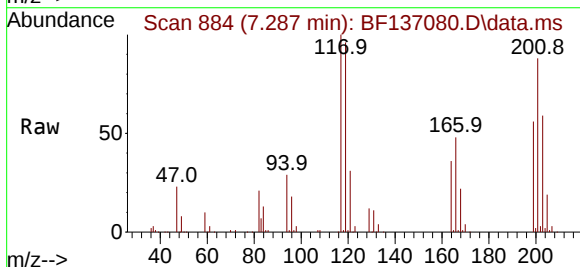
Instrument :
BNA_F
ClientSampleId :
IDOC-01

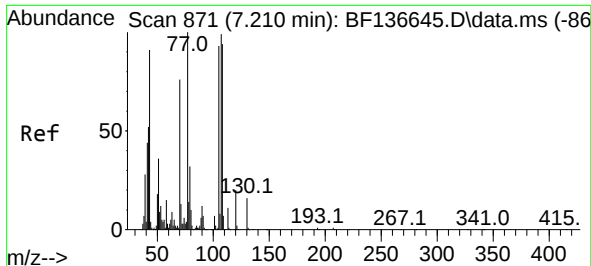
Tgt Ion:	107	Resp:	150022
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.3	135.5
77	56.6	38.7	58.1
79	52.9	37.8	56.6



#18
Hexachloroethane
Concen: 36.320 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:	117	Resp:	70884
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.6
201	88.1	69.1	103.7



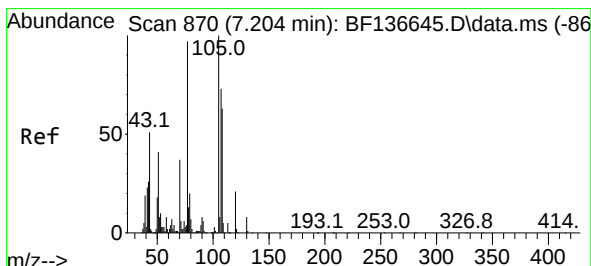
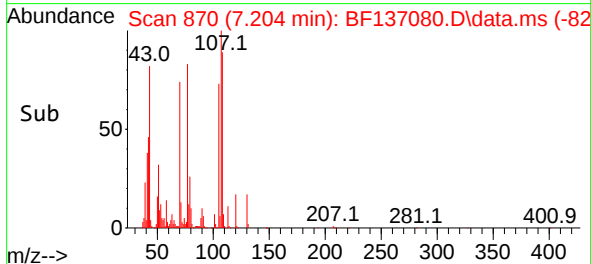
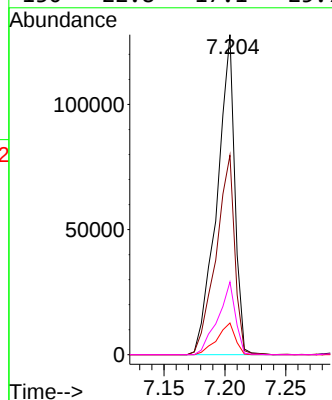
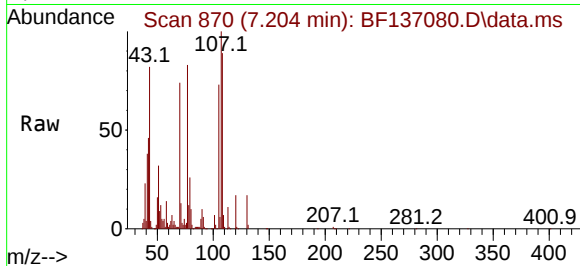


#19
n-Nitroso-di-n-propylamine
Concen: 37.695 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Instrument :
BNA_F
ClientSampleId :
IDOC-01

Tgt Ion: 70 Resp: 130445

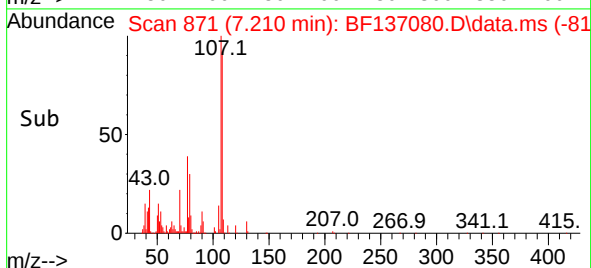
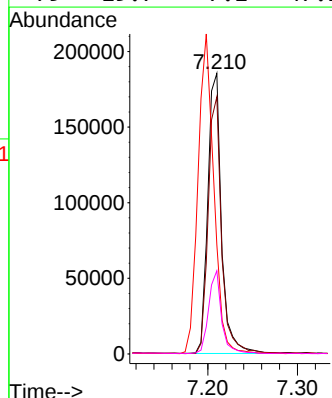
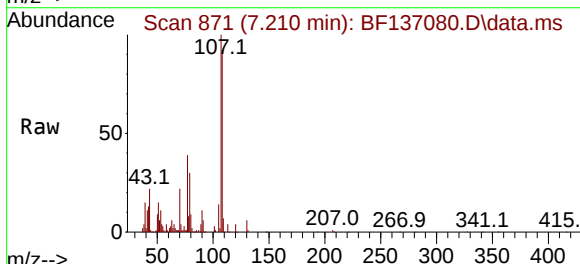
Ion	Ratio	Lower	Upper
70	100		
42	62.3	54.2	81.4
101	9.9	7.6	11.4
130	22.8	17.1	25.7

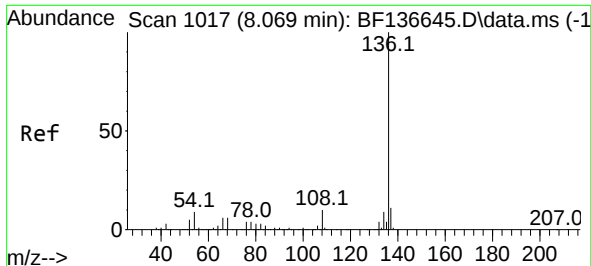


#20
3+4-Methylphenols
Concen: 39.248 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion: 107 Resp: 195839

Ion	Ratio	Lower	Upper
107	100		
108	91.7	66.0	106.0
77	39.0	114.2	154.2#
79	29.7	7.2	47.2

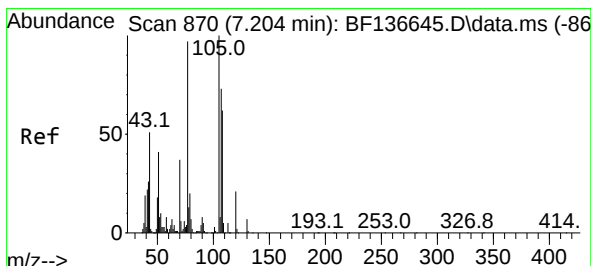
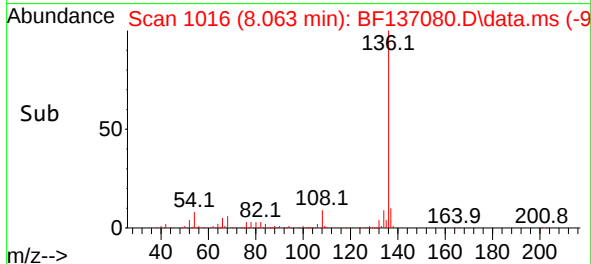
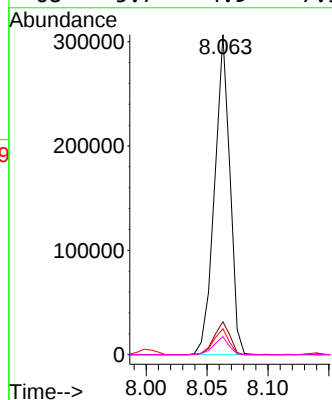
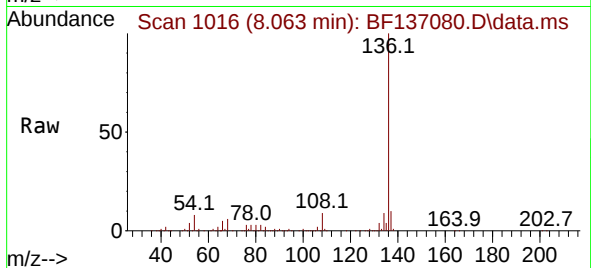




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

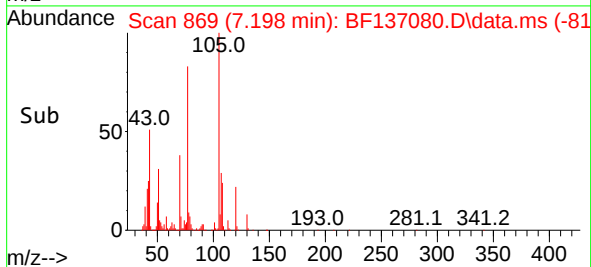
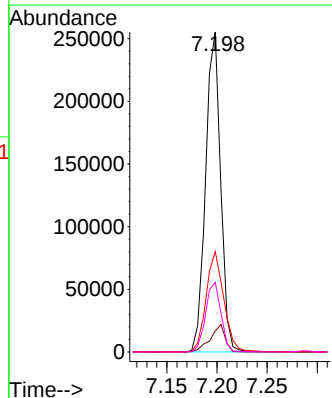
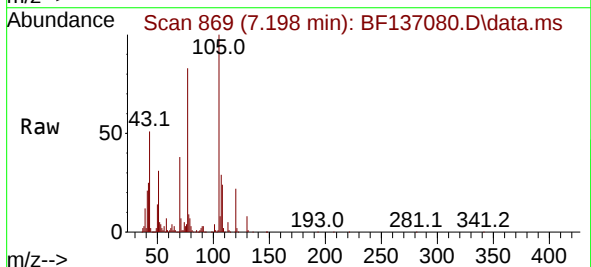
Instrument :
BNA_F
ClientSampleId :
IDOC-01

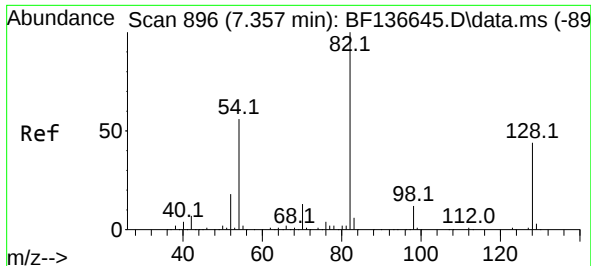
Tgt Ion	136	Resp:	269167
	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	8.1	7.2	10.8
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 39.624 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt	Ion:105	Resp:	267330
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.8	7.2
51	31.4	32.8	49.2#
120	21.8	17.0	25.6





#23

Nitrobenzene-d5

Concen: 73.013 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

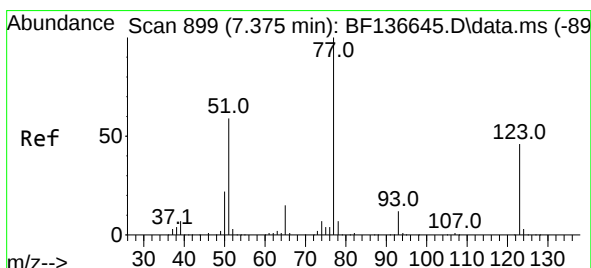
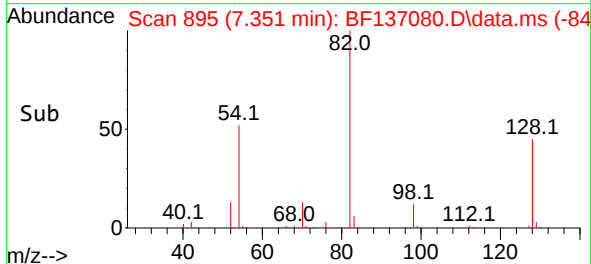
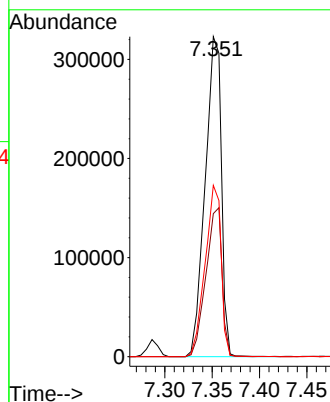
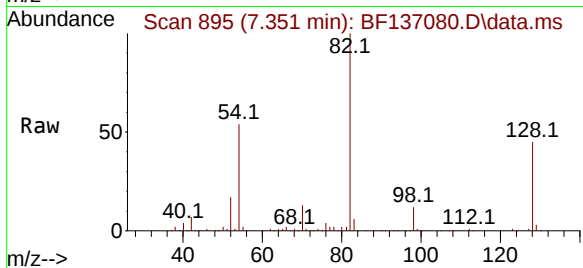
Tgt Ion: 82 Resp: 384057

Ion Ratio Lower Upper

82 100

128 44.7 35.3 52.9

54 53.5 44.5 66.7



#24

Nitrobenzene

Concen: 36.415 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

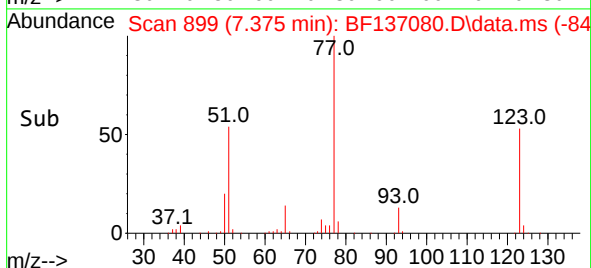
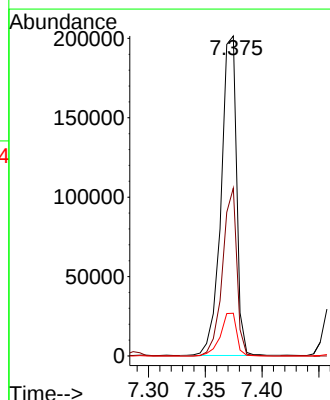
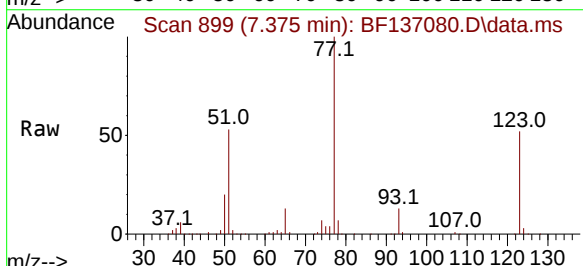
Tgt Ion: 77 Resp: 191880

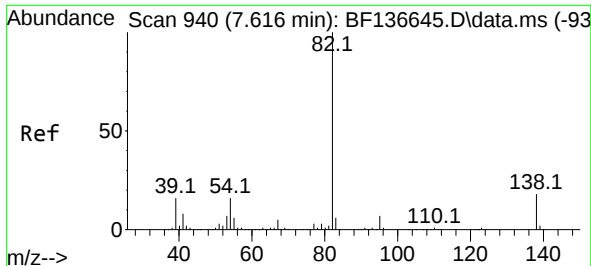
Ion Ratio Lower Upper

77 100

123 52.4 36.7 55.1

65 13.3 11.8 17.6

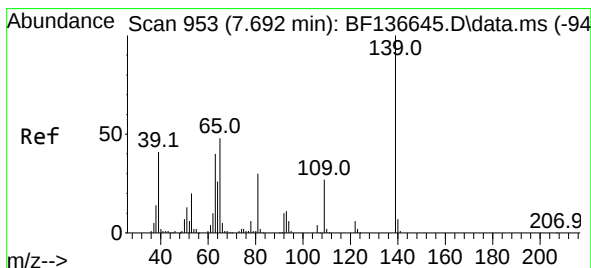
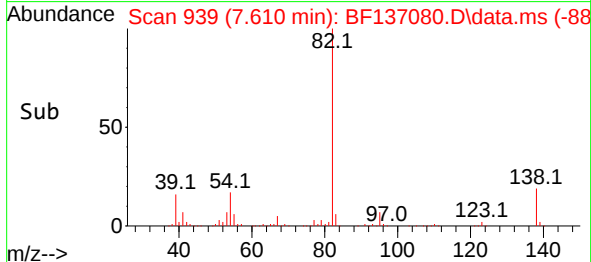
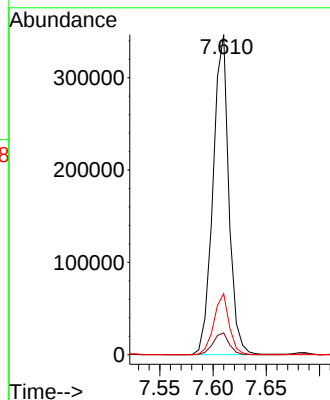
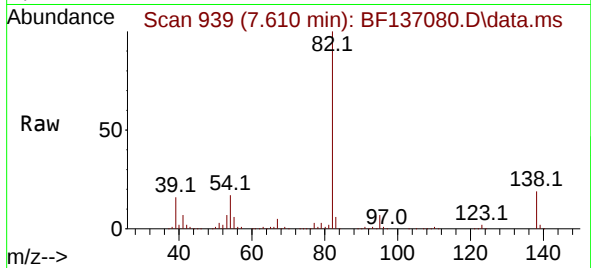




#25
Isophorone
Concen: 37.546 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

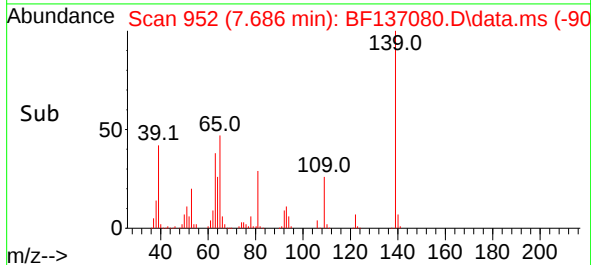
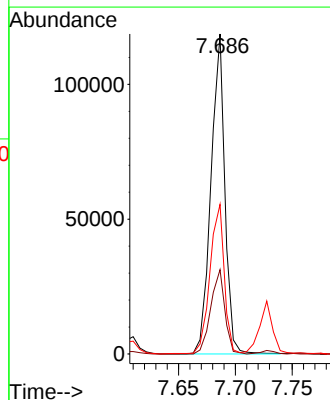
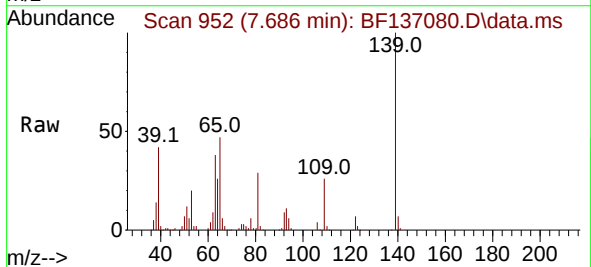
Instrument :
BNA_F
ClientSampleId :
IDOC-01

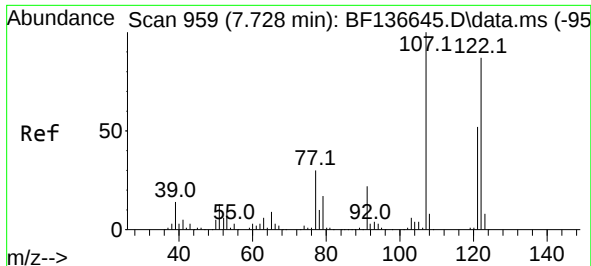
Tgt Ion: 82 Resp: 359366
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.1 14.5 21.7



#26
2-Nitrophenol
Concen: 40.005 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:139 Resp: 100855
Ion Ratio Lower Upper
139 100
109 26.3 21.9 32.9
65 46.8 38.6 58.0

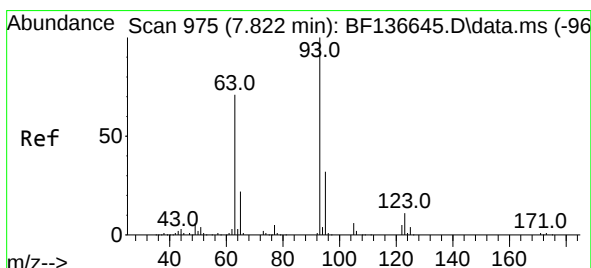
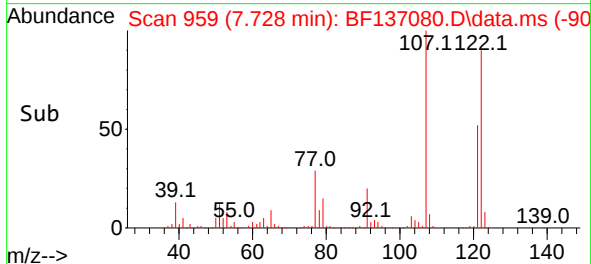
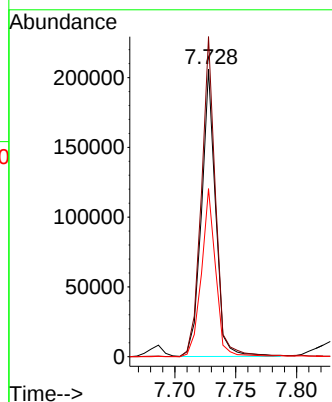
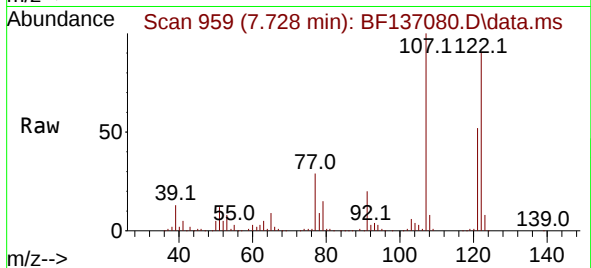




#27
2,4-Dimethylphenol
Concen: 54.291 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

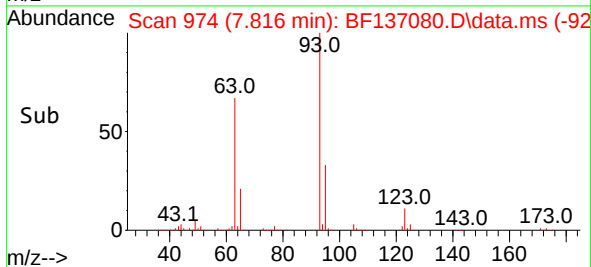
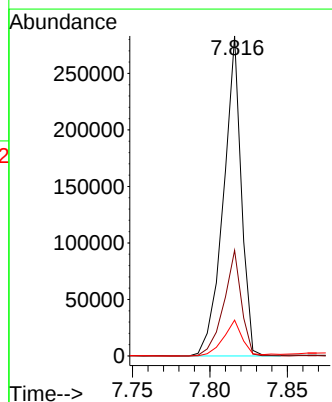
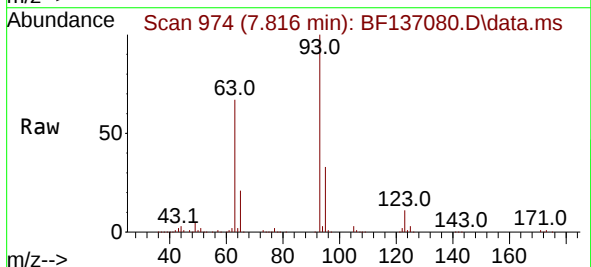
Instrument :
BNA_F
ClientSampleId :
IDOC-01

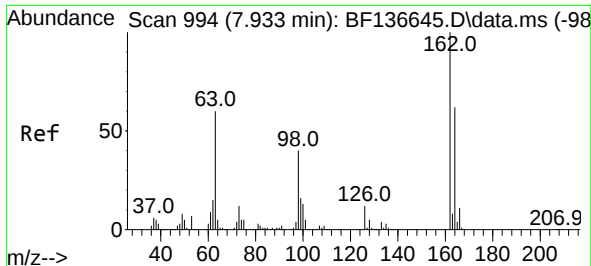
Tgt Ion:122 Resp: 166631
Ion Ratio Lower Upper
122 100
107 111.3 92.0 138.0
121 58.4 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.996 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion: 93 Resp: 226876
Ion Ratio Lower Upper
93 100
95 33.0 25.5 38.3
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.860 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

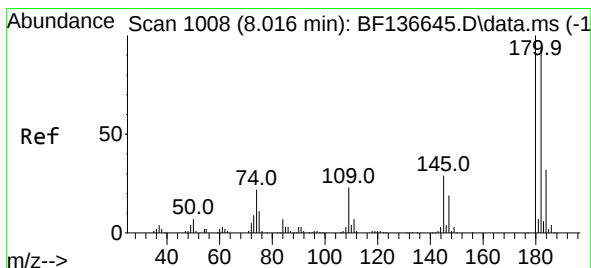
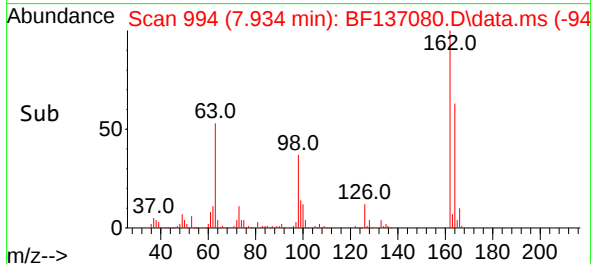
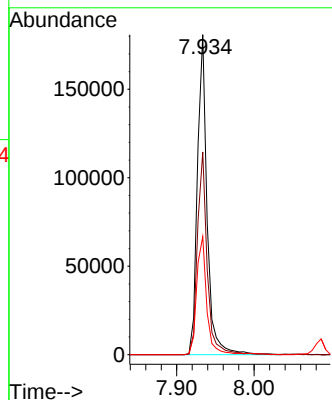
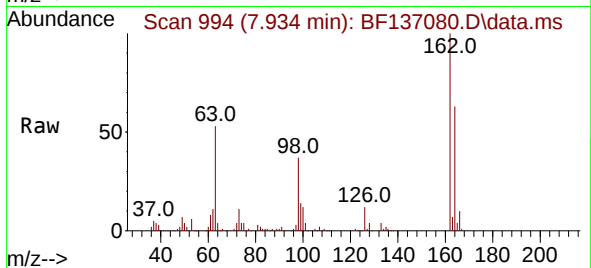
Tgt Ion:162 Resp: 157504

Ion Ratio Lower Upper

162 100

164 63.4 41.7 81.7

98 36.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.098 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

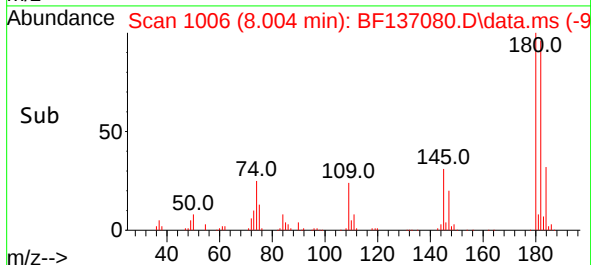
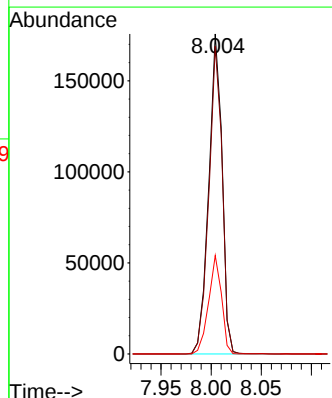
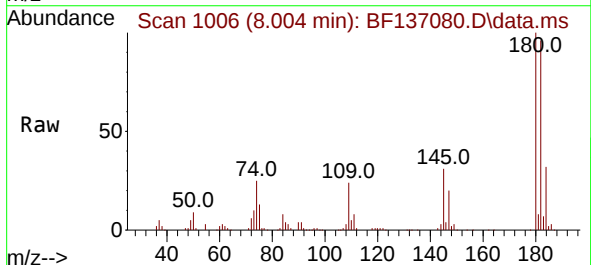
Tgt Ion:180 Resp: 163326

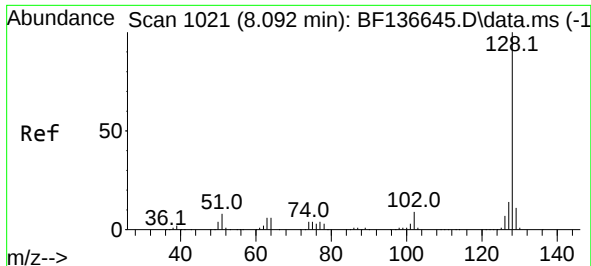
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

145 30.8 23.1 34.7

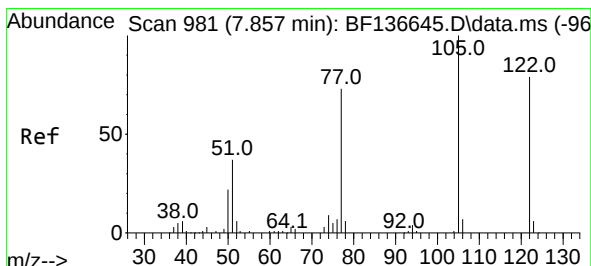
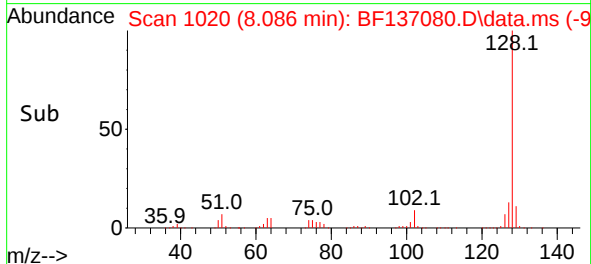
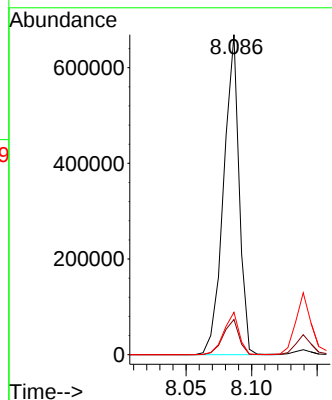
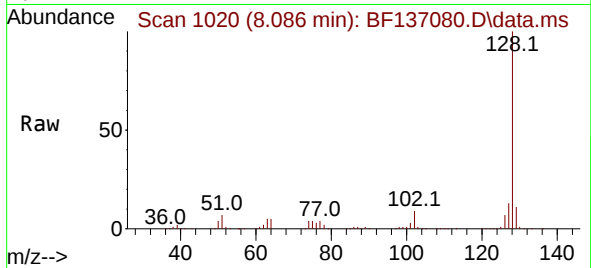




#31
Naphthalene
Concen: 37.209 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

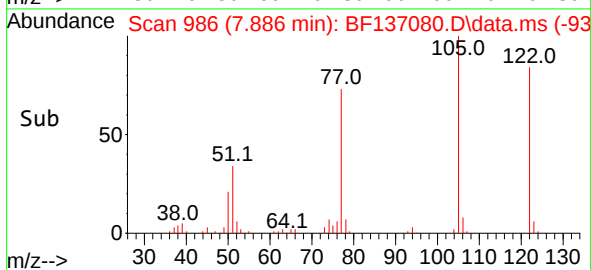
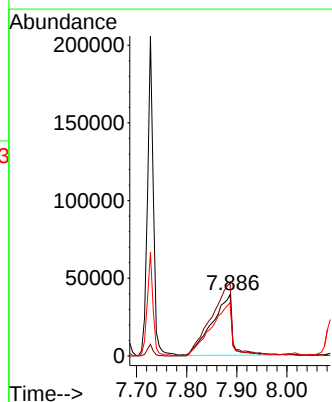
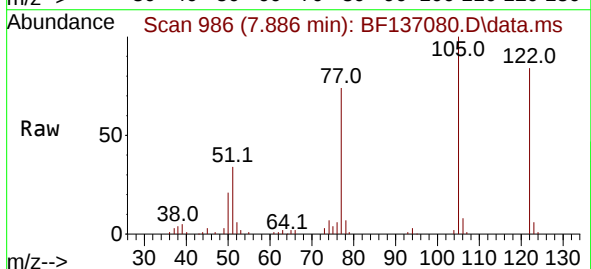
Instrument :
BNA_F
ClientSampleId :
IDOC-01

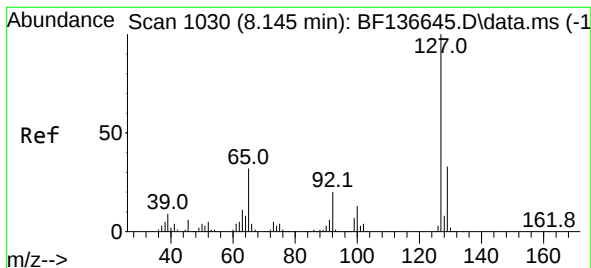
Tgt Ion:128 Resp: 550214
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 37.319 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.030 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:122 Resp: 110825
Ion Ratio Lower Upper
122 100
105 118.6 100.8 140.8
77 87.3 70.9 110.9





#33

4-Chloroaniline

Concen: 21.315 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

Tgt Ion:127 Resp: 116377

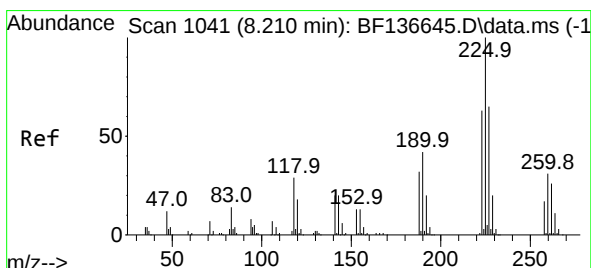
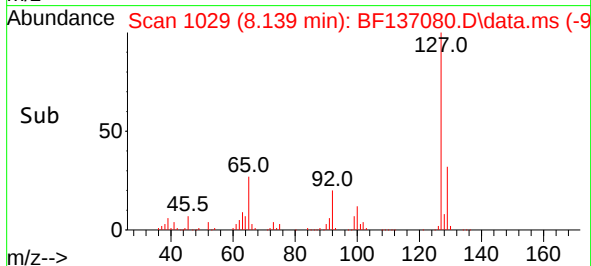
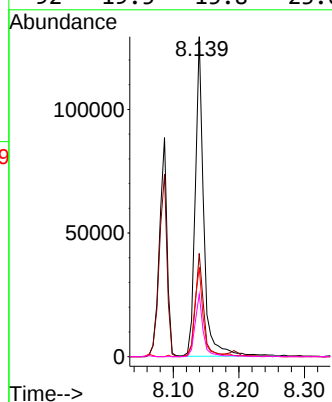
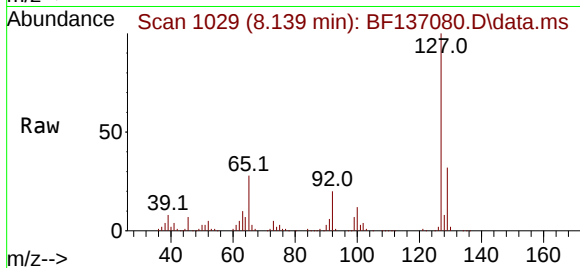
Ion Ratio Lower Upper

127 100

129 32.2 26.3 39.5

65 27.9 25.8 38.8

92 19.5 15.8 23.6



#34

Hexachlorobutadiene

Concen: 36.409 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.018 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

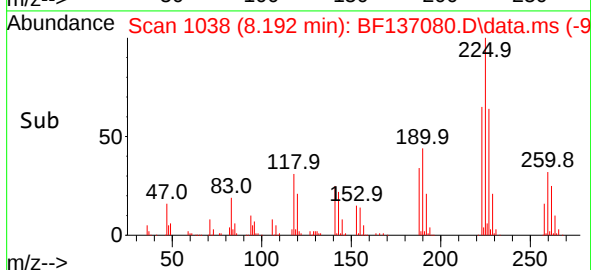
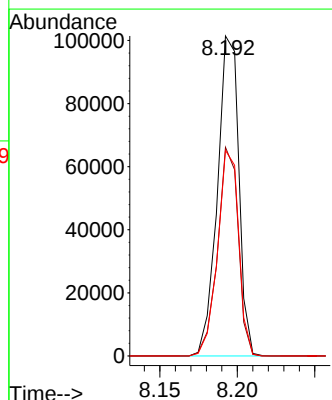
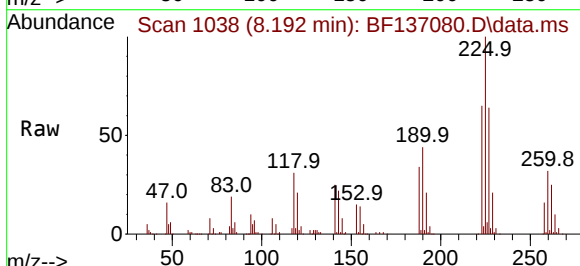
Tgt Ion:225 Resp: 97389

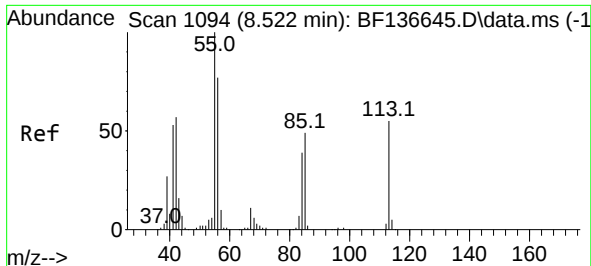
Ion Ratio Lower Upper

225 100

223 65.2 50.6 76.0

227 64.2 51.9 77.9

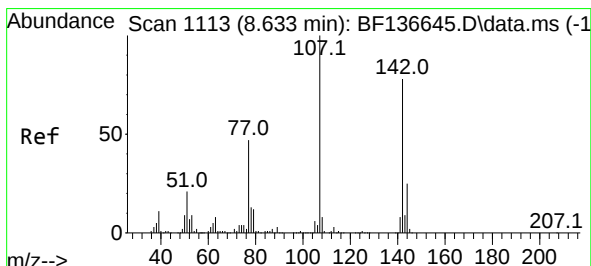
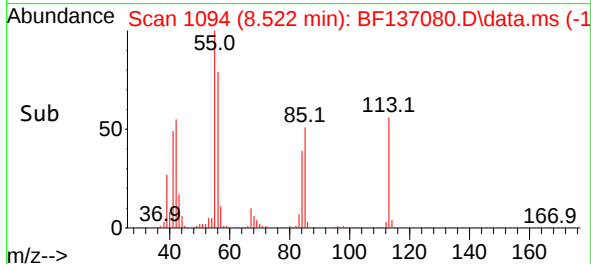
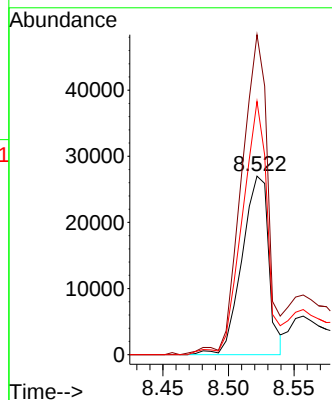
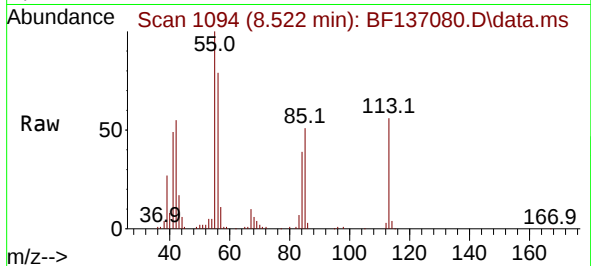




#35
Caprolactam
Concen: 29.359 ng
RT: 8.522 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

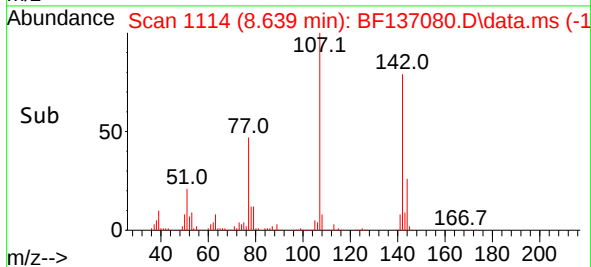
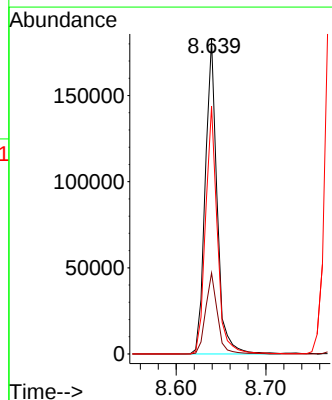
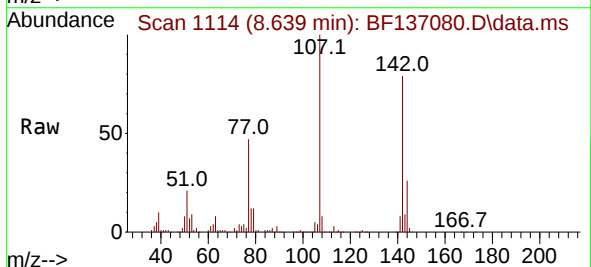
Instrument :
BNA_F
ClientSampleId :
IDOC-01

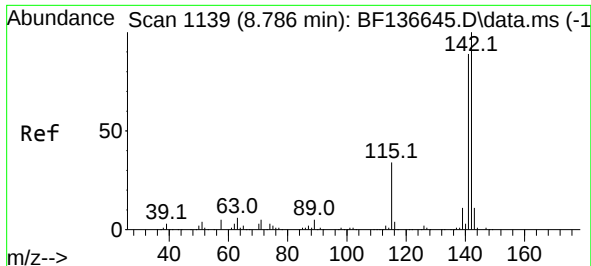
Tgt Ion:113 Resp: 38270
Ion Ratio Lower Upper
113 100
55 179.2 163.1 203.1
56 141.9 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 37.687 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:107 Resp: 167647
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.2
142 78.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.758 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

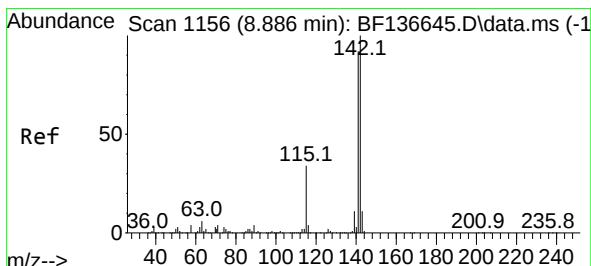
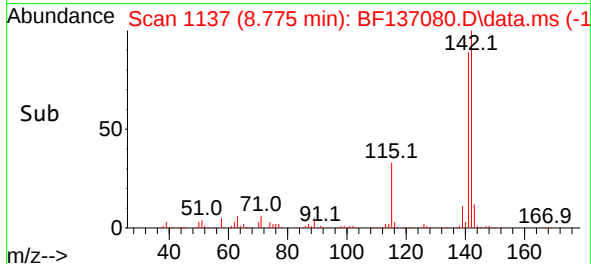
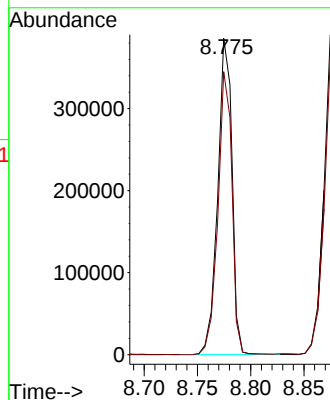
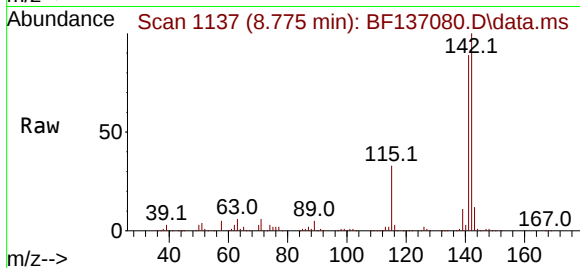
IDOC-01

Tgt Ion:142 Resp: 359329

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.858 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137080.D

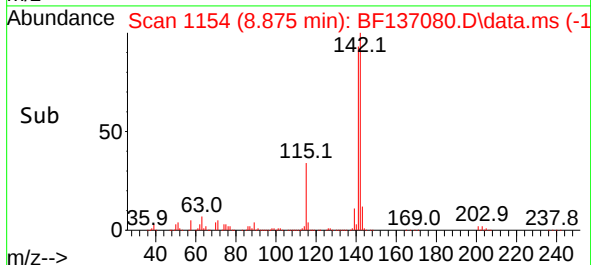
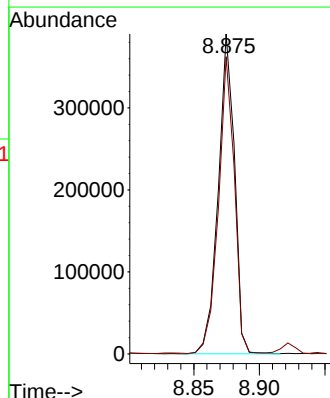
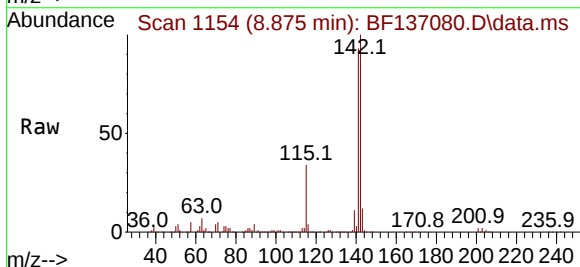
Acq: 16 Jan 2024 15:37

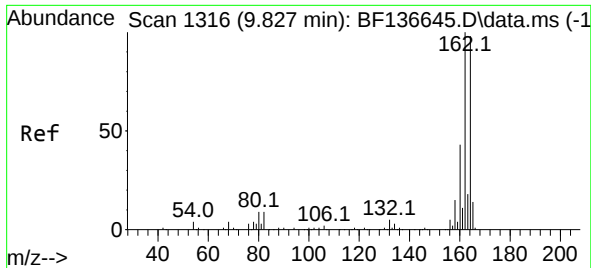
Tgt Ion:142 Resp: 334792

Ion Ratio Lower Upper

142 100

141 92.9 73.6 110.4

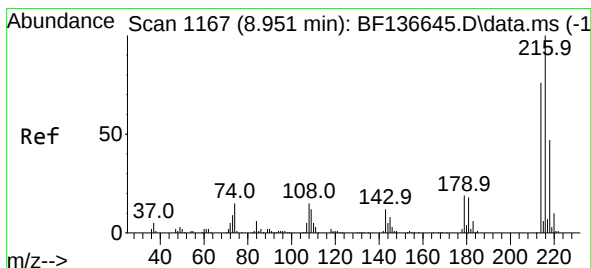
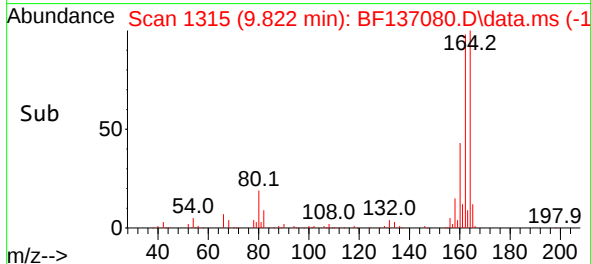
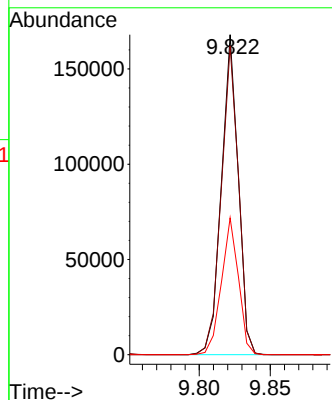
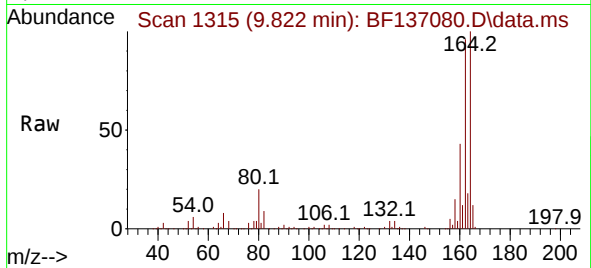




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

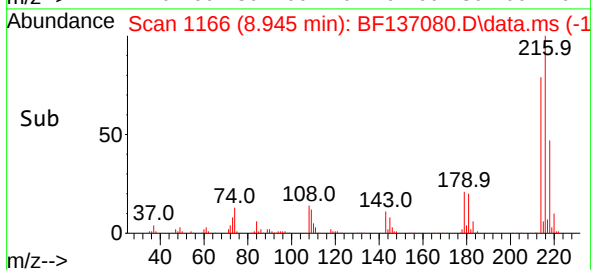
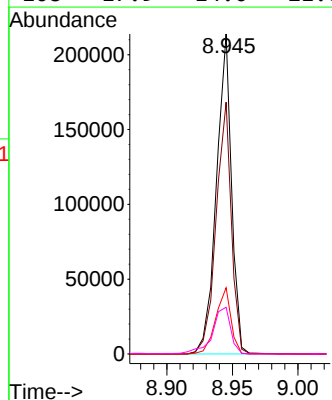
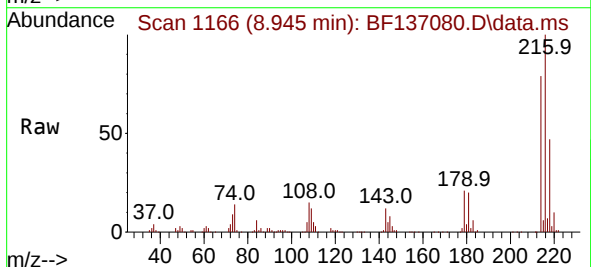
Instrument :
BNA_F
ClientSampleId :
IDOC-01

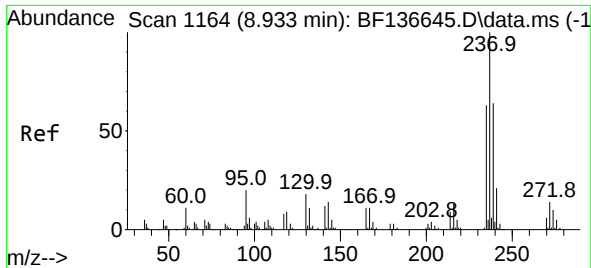
Tgt Ion:164 Resp: 138262
Ion Ratio Lower Upper
164 100
162 96.5 81.6 122.4
160 42.8 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.904 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:216 Resp: 170863
Ion Ratio Lower Upper
216 100
214 79.6 62.3 93.5
179 20.7 16.4 24.6
108 17.9 14.0 21.0

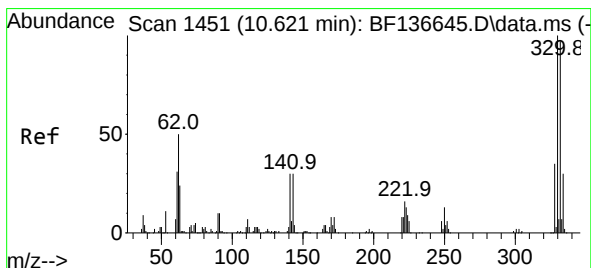
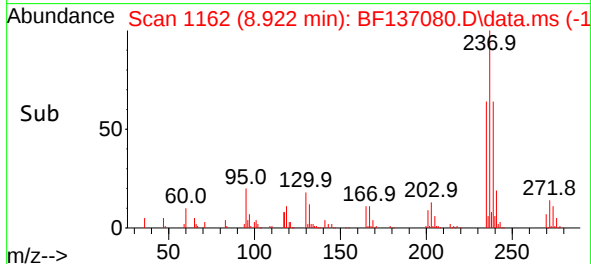
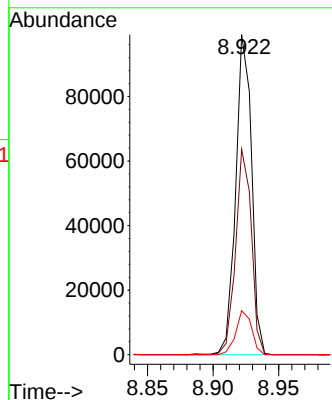
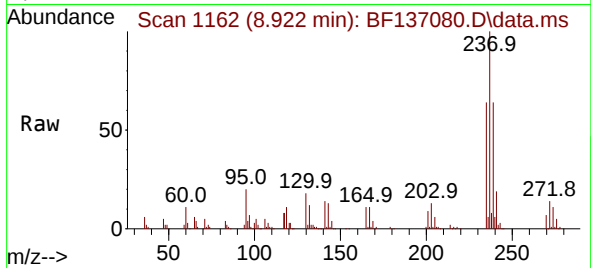




#41
Hexachlorocyclopentadiene
Concen: 62.451 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

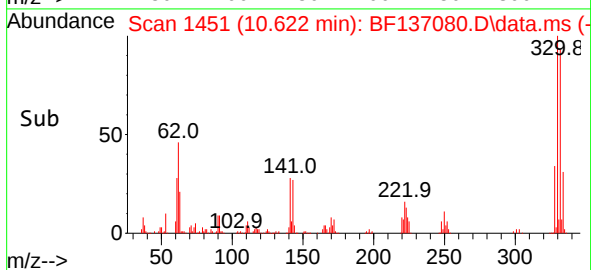
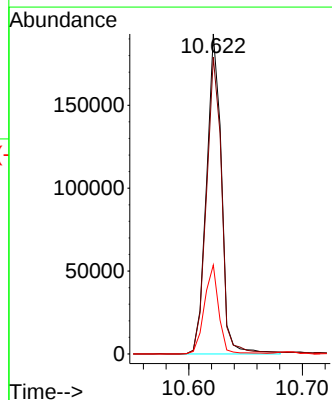
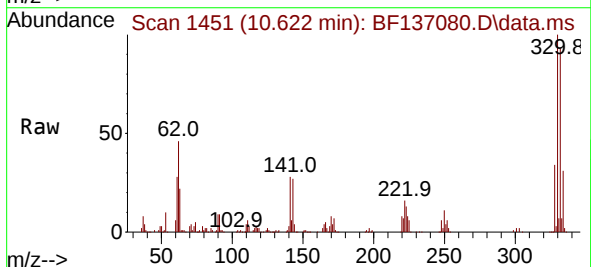
Instrument :
BNA_F
ClientSampleId :
IDOC-01

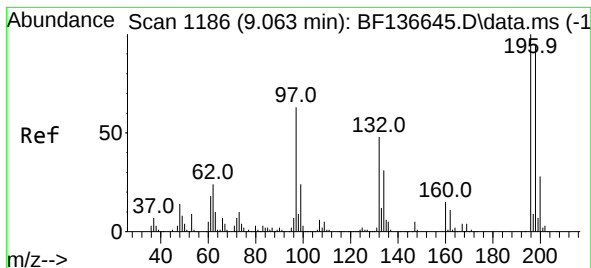
Tgt Ion:237 Resp: 83699
Ion Ratio Lower Upper
237 100
235 64.2 43.2 83.2
272 13.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 108.158 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:330 Resp: 176119
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 26.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.549 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

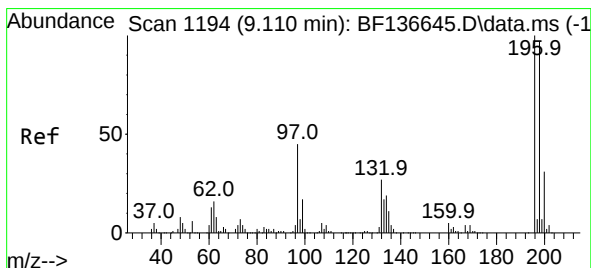
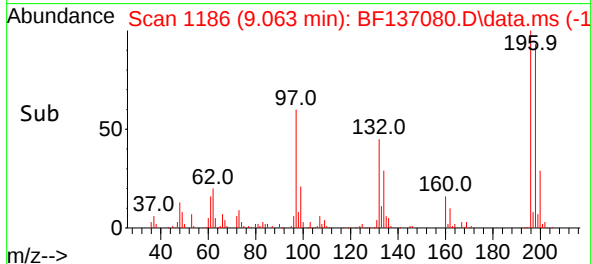
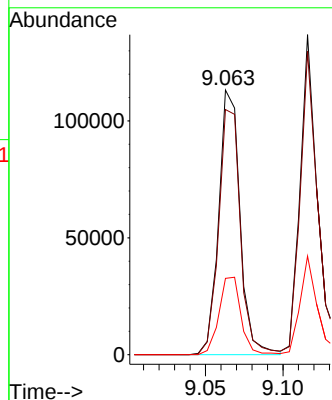
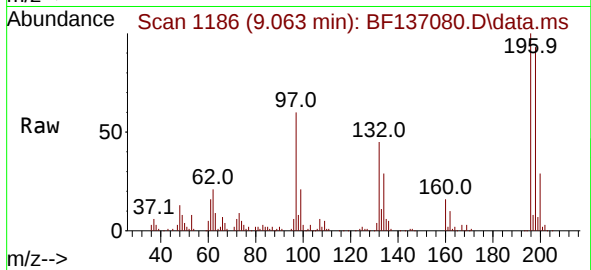
Tgt Ion:196 Resp: 108603

Ion Ratio Lower Upper

196 100

198 92.6 75.1 112.7

200 28.8 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 37.141 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Tgt Ion:196 Resp: 113654

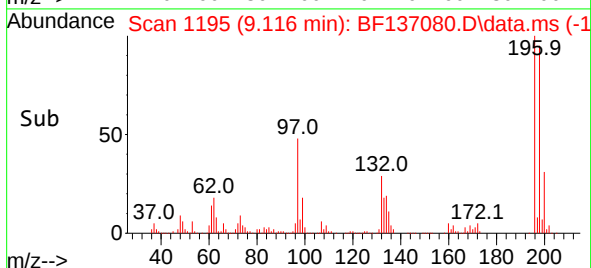
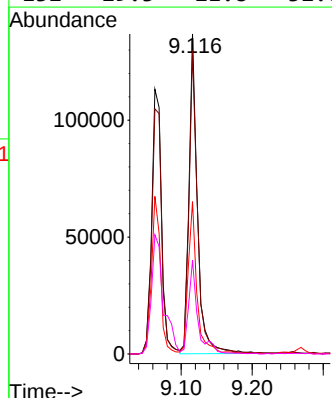
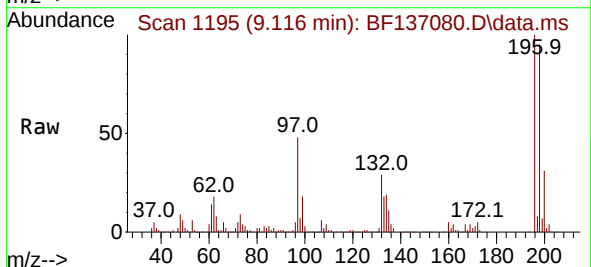
Ion Ratio Lower Upper

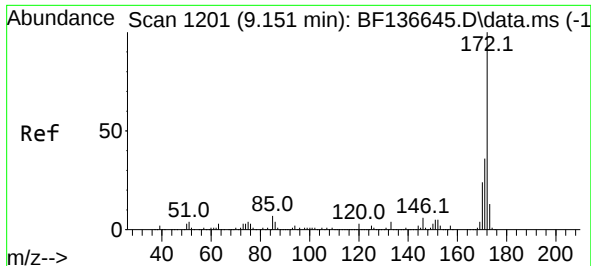
196 100

198 94.8 77.0 115.6

97 47.6 36.1 54.1

132 29.3 21.8 32.6

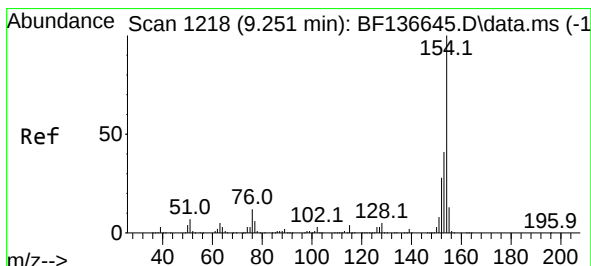
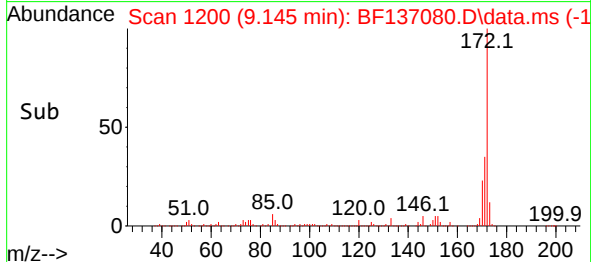
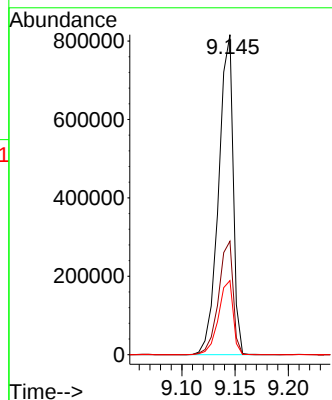
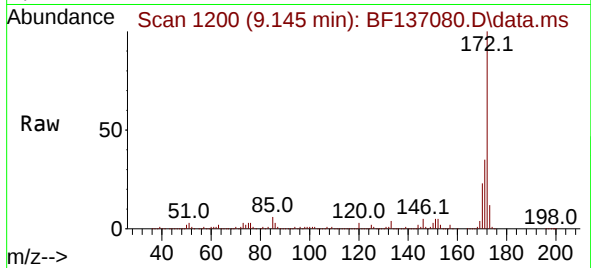




#45
2-Fluorobiphenyl
Concen: 75.412 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

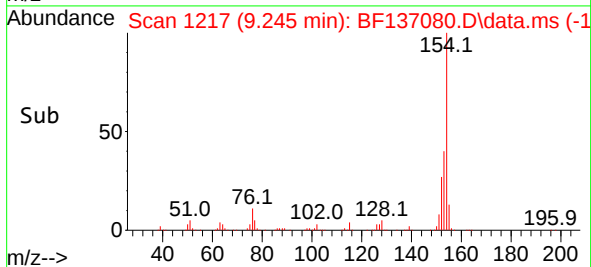
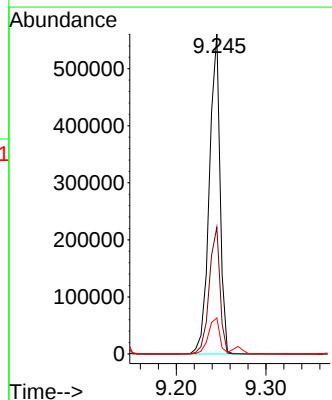
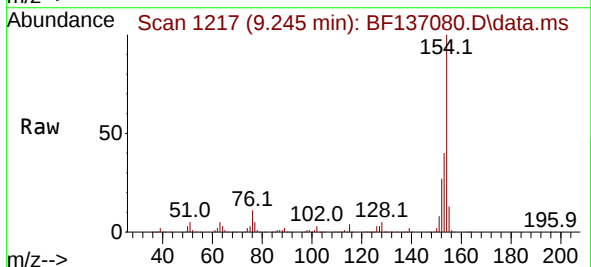
Instrument :
BNA_F
ClientSampleId :
IDOC-01

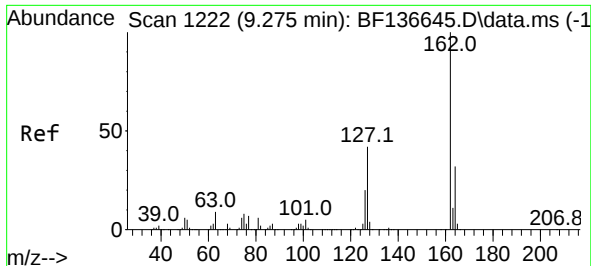
Tgt Ion:172 Resp: 775222
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.953 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:154 Resp: 463546
Ion Ratio Lower Upper
154 100
153 39.6 21.1 61.1
76 11.2 0.0 31.7

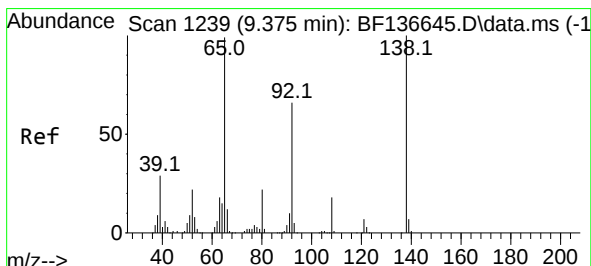
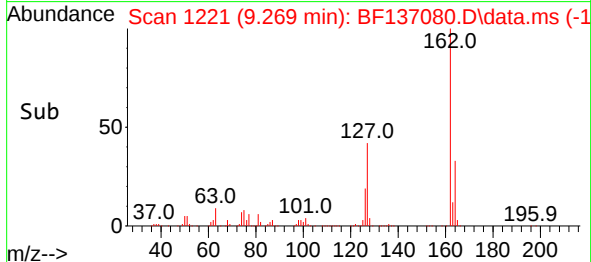
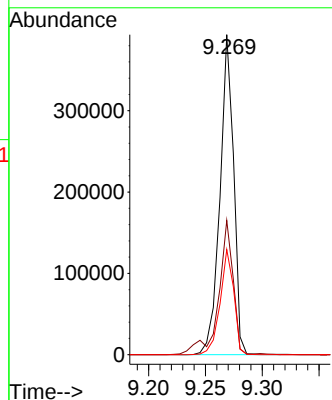
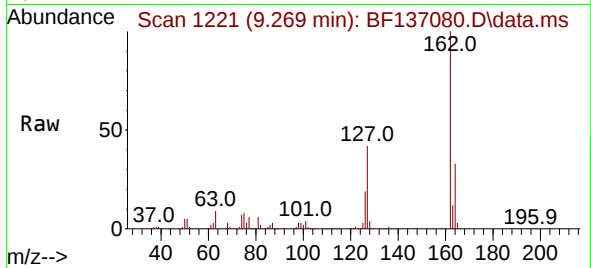




#47
2-Chloronaphthalene
Concen: 37.460 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

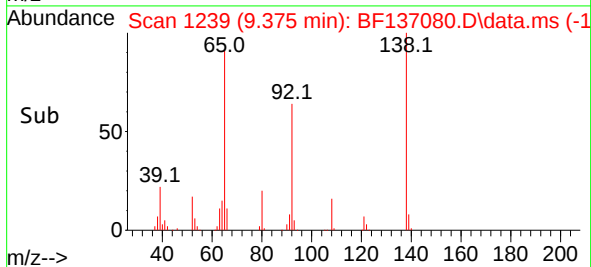
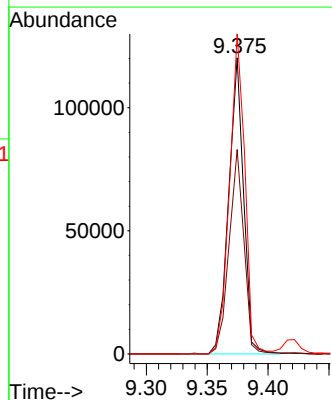
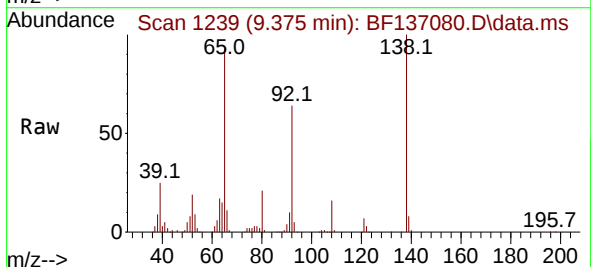
Instrument :
BNA_F
ClientSampleId :
IDOC-01

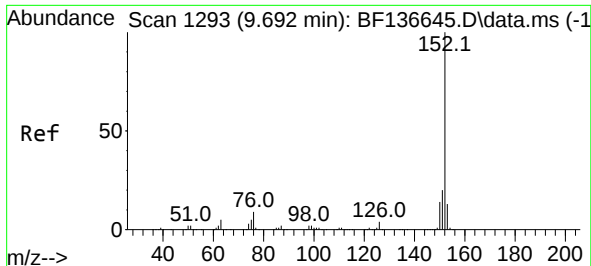
Tgt Ion:162 Resp: 330406
Ion Ratio Lower Upper
162 100
127 41.9 33.6 50.4
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 37.069 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion: 65 Resp: 102385
Ion Ratio Lower Upper
65 100
92 69.0 53.2 79.8
138 108.1 81.1 121.7





#49

Acenaphthylene

Concen: 38.983 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

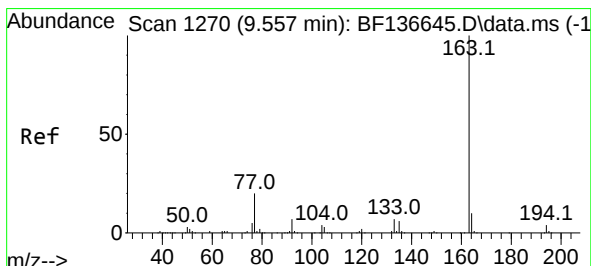
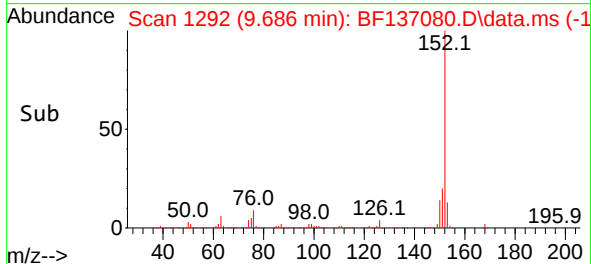
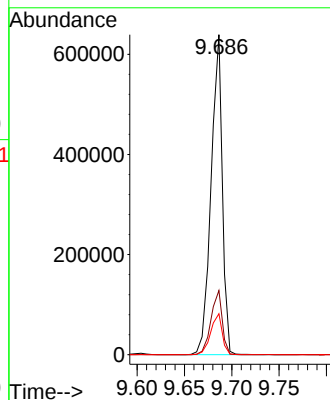
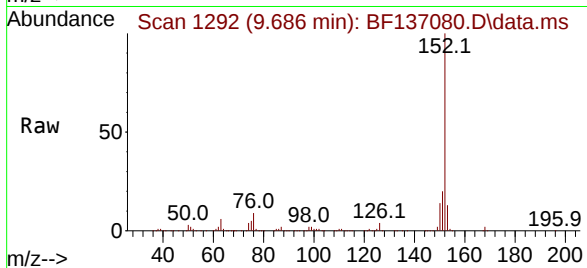
Tgt Ion:152 Resp: 525555

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 12.8 10.2 15.2



#50

Dimethylphthalate

Concen: 38.287 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

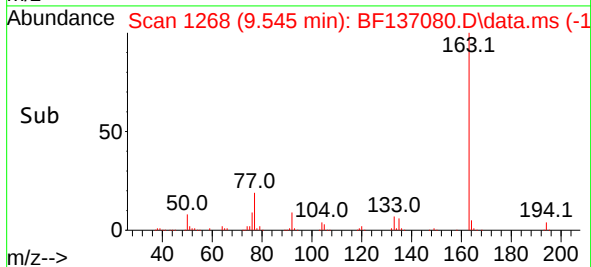
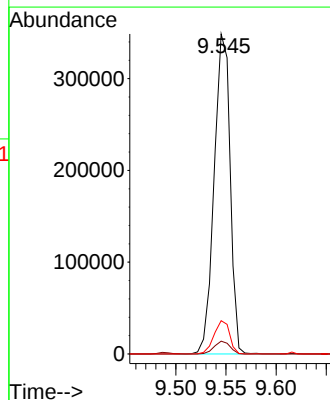
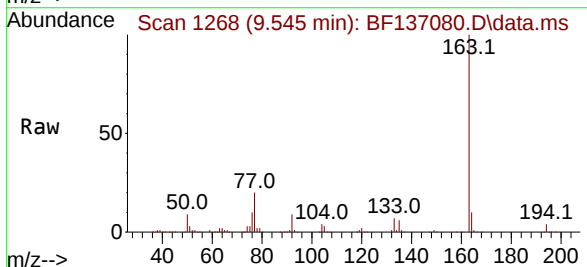
Tgt Ion:163 Resp: 386661

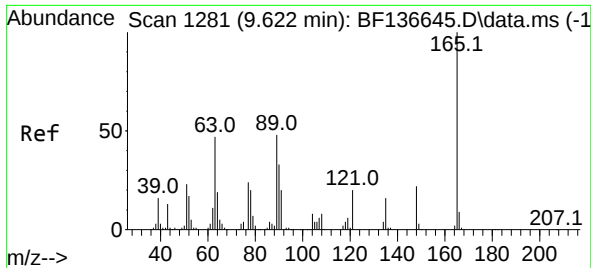
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 7.8 11.6

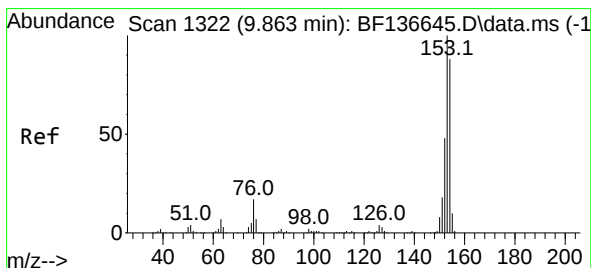
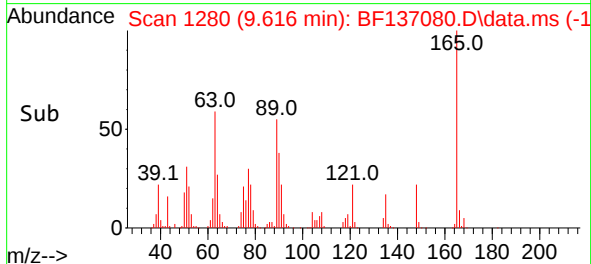
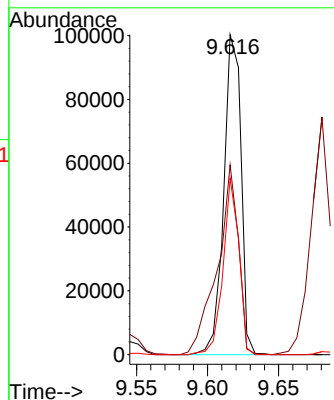
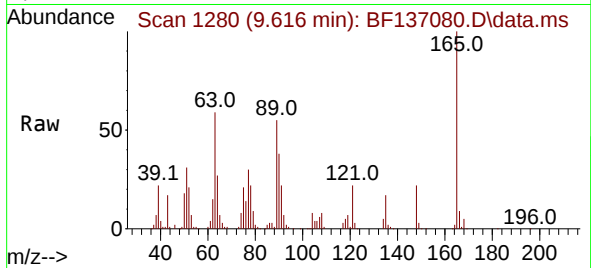




#51
2,6-Dinitrotoluene
Concen: 36.948 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

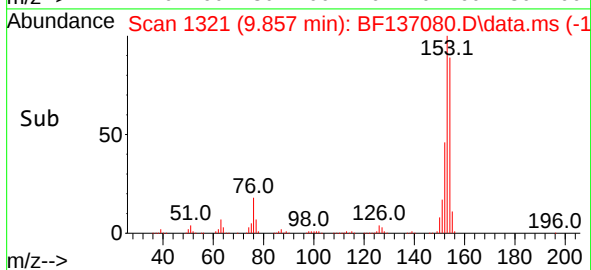
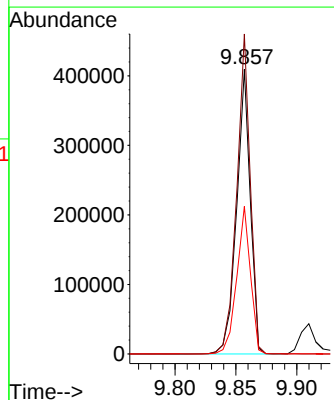
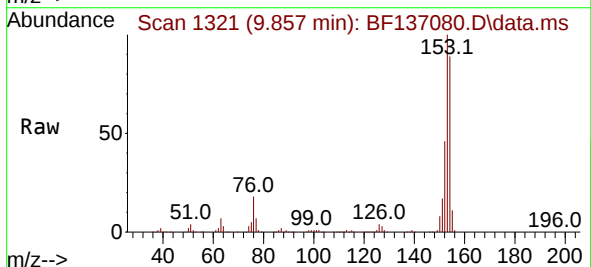
Instrument :
BNA_F
ClientSampleId :
IDOC-01

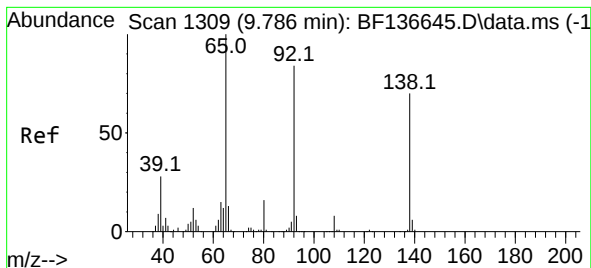
Tgt Ion:165 Resp: 84684
Ion Ratio Lower Upper
165 100
63 59.3 39.8 59.6
89 55.1 38.8 58.2



#52
Acenaphthene
Concen: 38.080 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:154 Resp: 318232
Ion Ratio Lower Upper
154 100
153 112.4 90.7 136.1
152 51.8 43.7 65.5





#53

3-Nitroaniline

Concen: 27.154 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

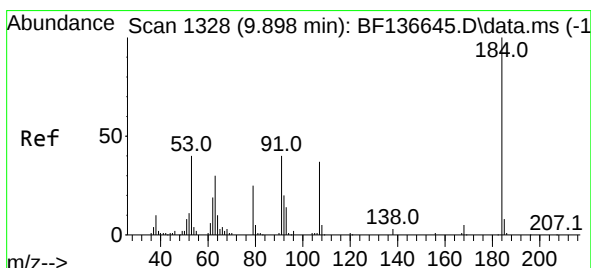
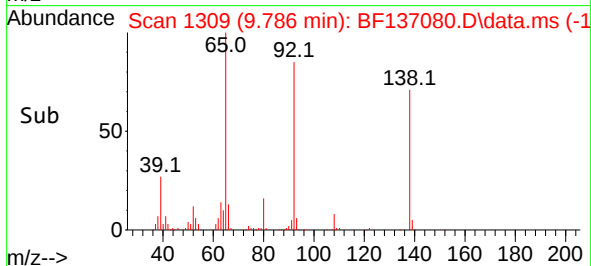
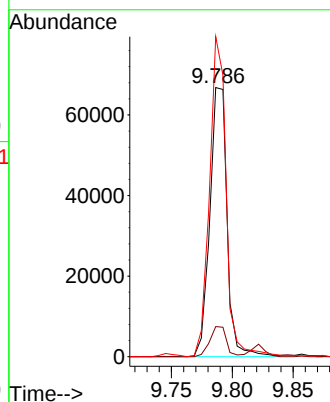
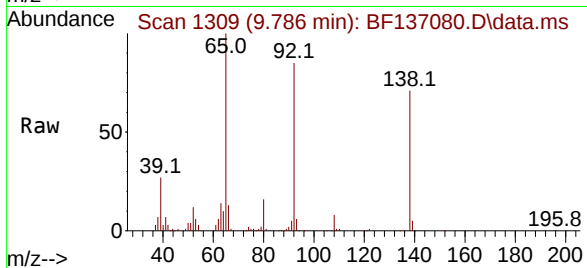
Tgt Ion:138 Resp: 65927

Ion Ratio Lower Upper

138 100

108 11.2 8.6 12.8

92 118.9 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 59.939 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

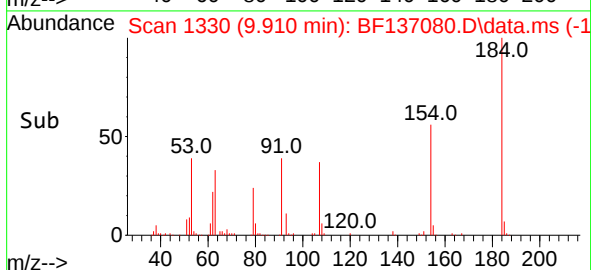
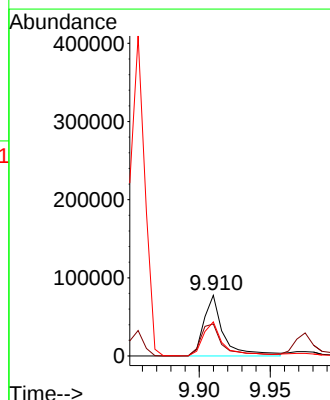
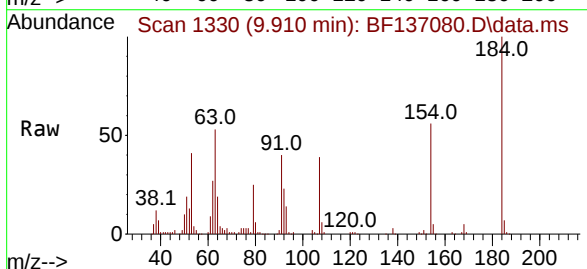
Tgt Ion:184 Resp: 74891

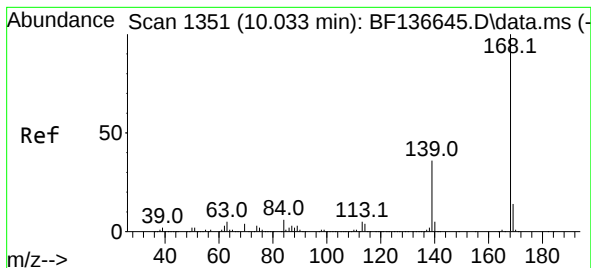
Ion Ratio Lower Upper

184 100

63 52.7 40.9 61.3

154 56.2 42.7 64.1





#55

Dibenzenofuran

Concen: 37.325 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

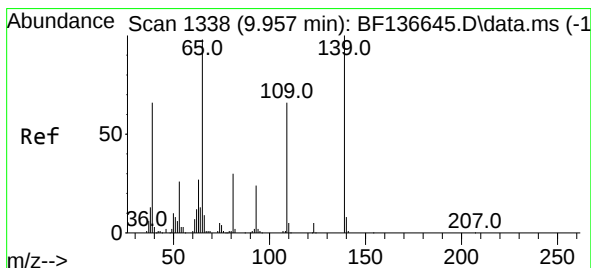
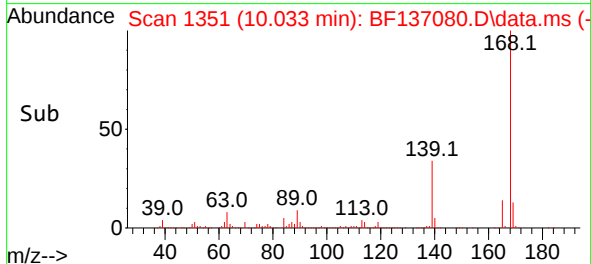
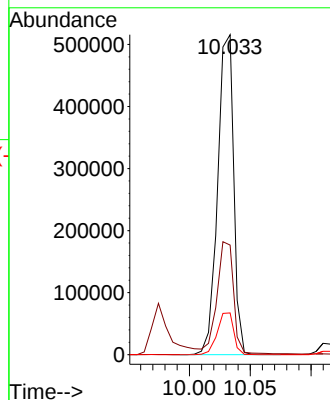
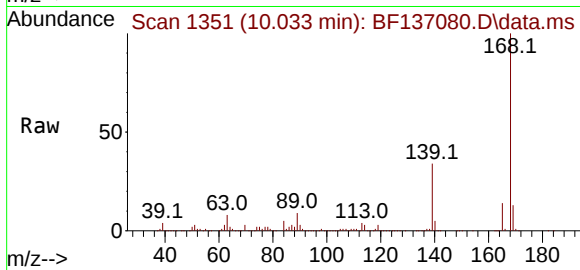
Tgt Ion:168 Resp: 472838

Ion Ratio Lower Upper

168 100

139 34.3 29.3 43.9

169 13.0 11.0 16.4



#56

4-Nitrophenol

Concen: 51.804 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

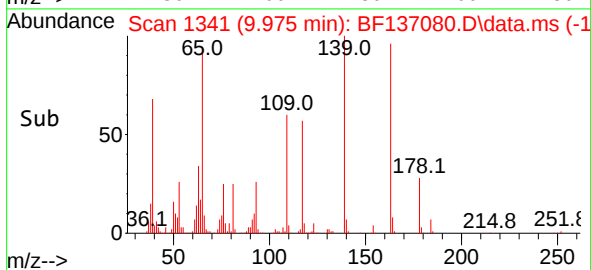
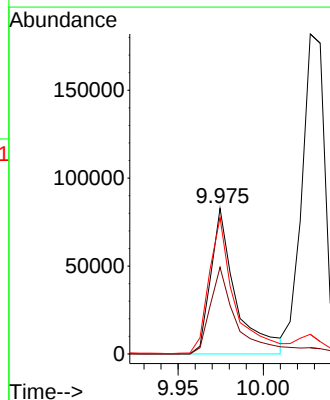
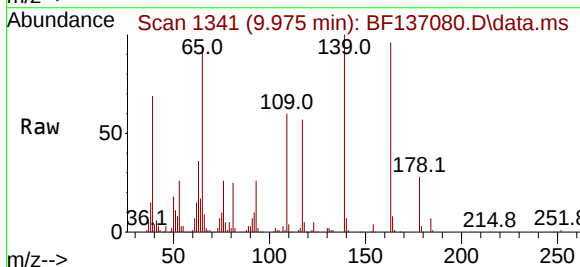
Tgt Ion:139 Resp: 84907

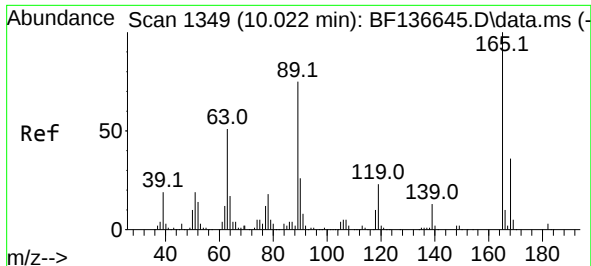
Ion Ratio Lower Upper

139 100

109 59.6 45.8 85.8

65 93.6 77.8 117.8

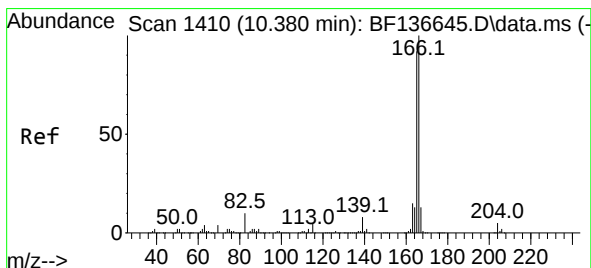
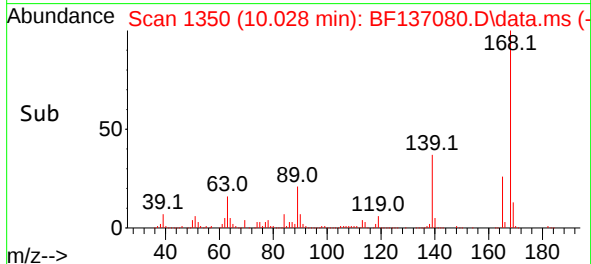
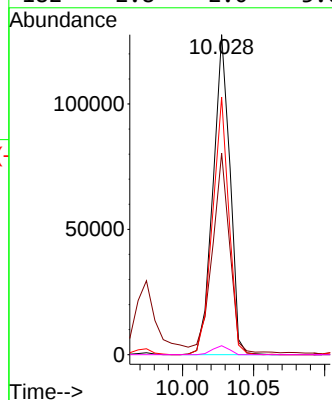
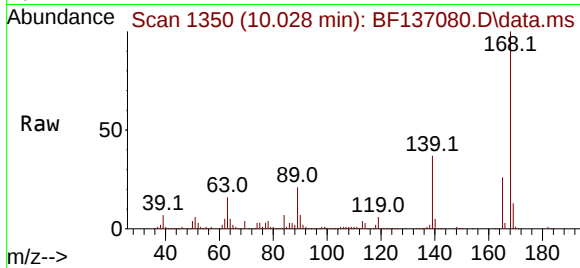




#57
2,4-Dinitrotoluene
Concen: 35.355 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

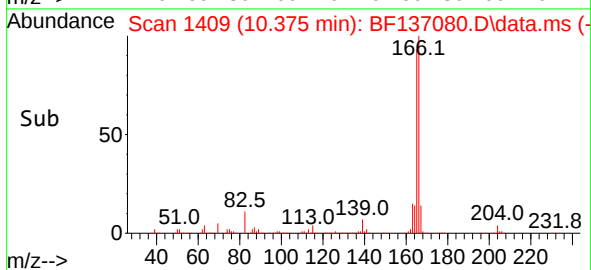
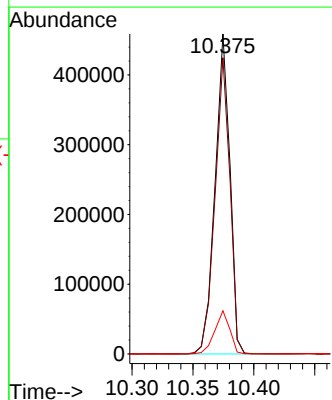
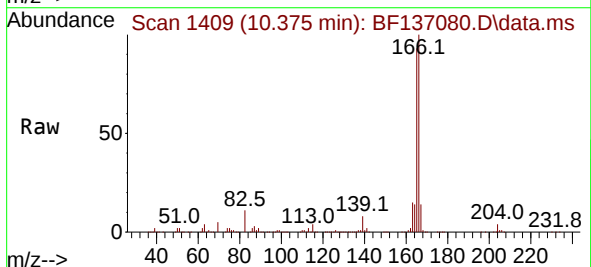
Instrument :
BNA_F
ClientSampleId :
IDOC-01

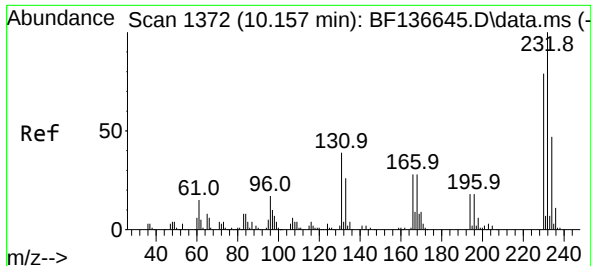
Tgt Ion:165 Resp: 105195
Ion Ratio Lower Upper
165 100
63 63.0 41.0 61.6#
89 80.5 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 38.643 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:166 Resp: 388425
Ion Ratio Lower Upper
166 100
165 92.6 73.7 110.5
167 13.5 10.4 15.6



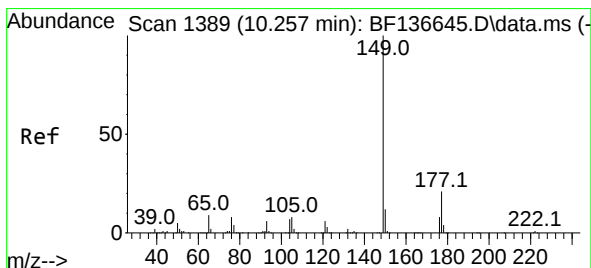
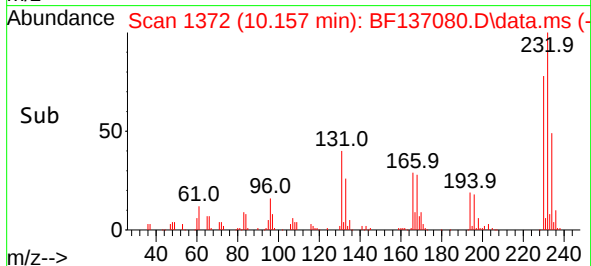
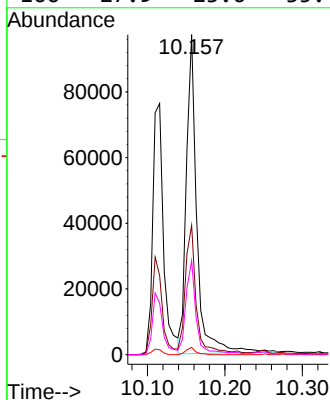
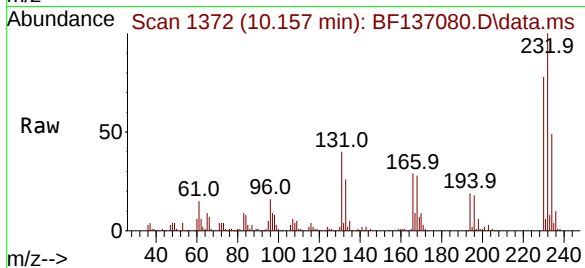


#59
2,3,4,6-Tetrachlorophenol
Concen: 38.875 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Instrument :
BNA_F
ClientSampleId :
IDOC-01

Tgt Ion:232 Resp: 91574

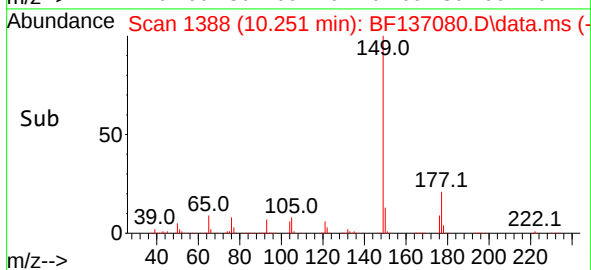
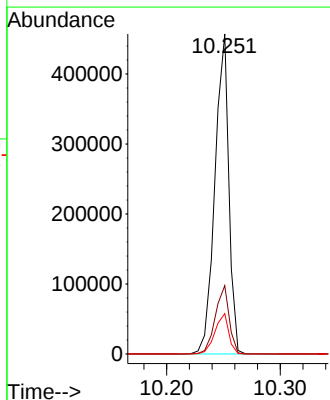
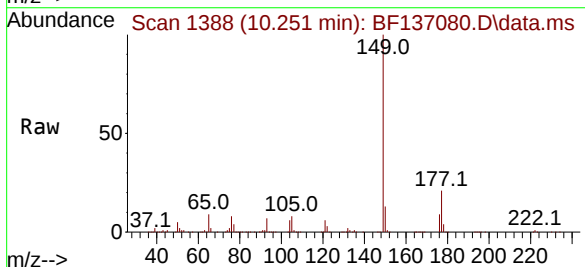
Ion	Ratio	Lower	Upper
232	100		
131	41.3	35.1	52.7
130	2.1	1.6	2.4
166	27.9	23.6	35.4

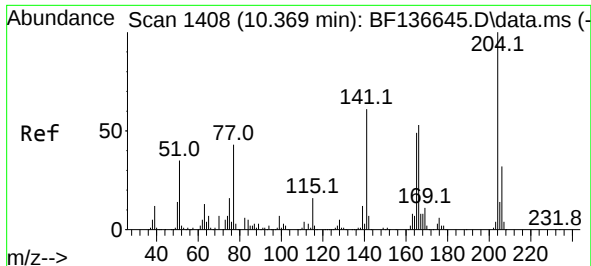


#60
Diethylphthalate
Concen: 37.144 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:149 Resp: 389210

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.9	25.3
150	12.6	9.3	13.9

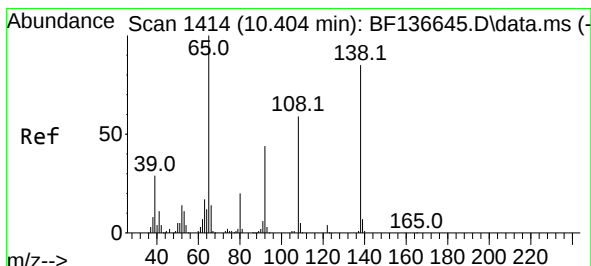
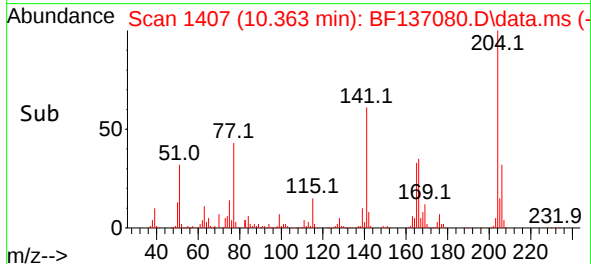
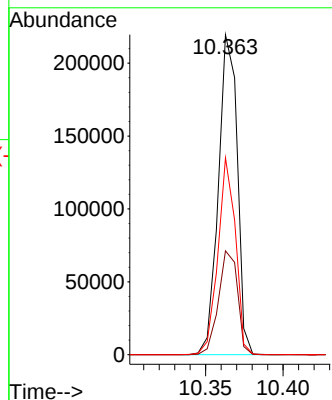
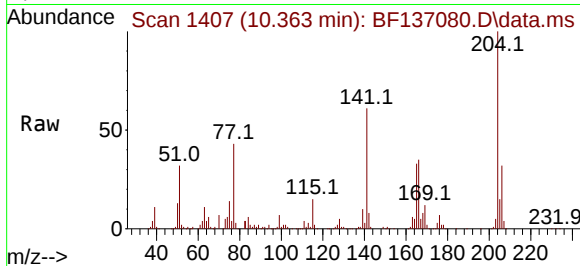




#61
4-Chlorophenyl-phenylether
Concen: 38.041 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

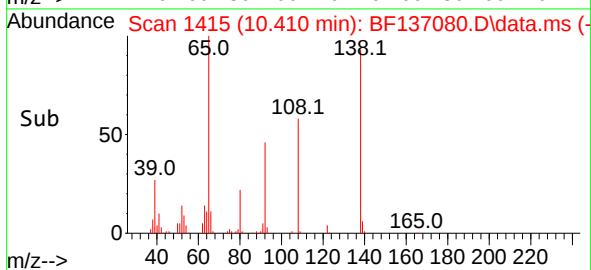
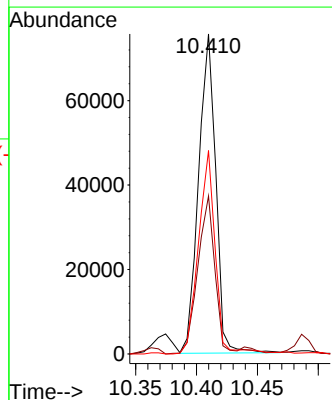
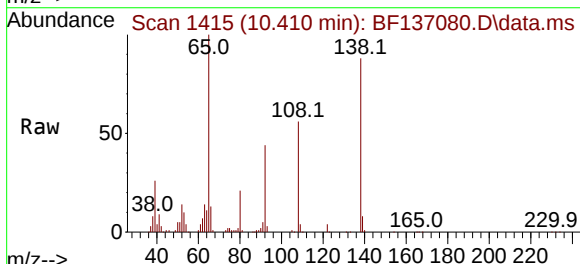
Instrument :
BNA_F
ClientSampleId :
IDOC-01

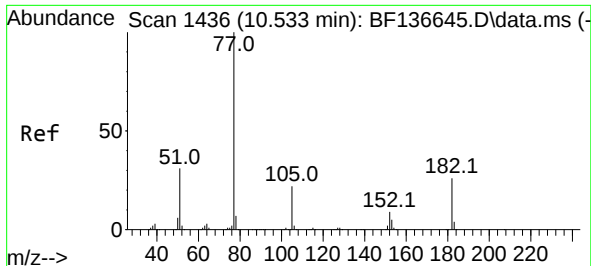
Tgt Ion:204 Resp: 185858
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 61.5 48.4 72.6



#62
4-Nitroaniline
Concen: 31.672 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:138 Resp: 74130
Ion Ratio Lower Upper
138 100
92 49.4 32.1 72.1
108 63.5 50.1 90.1

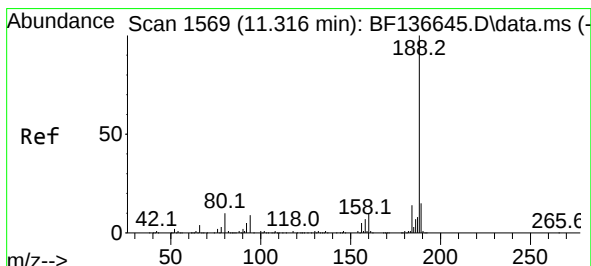
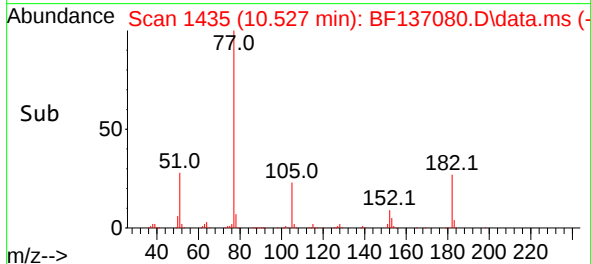
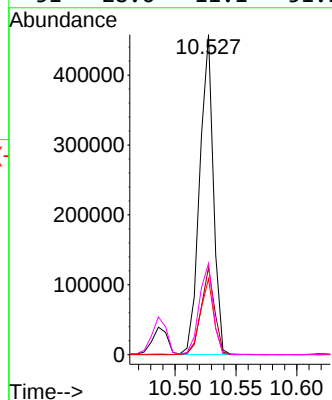
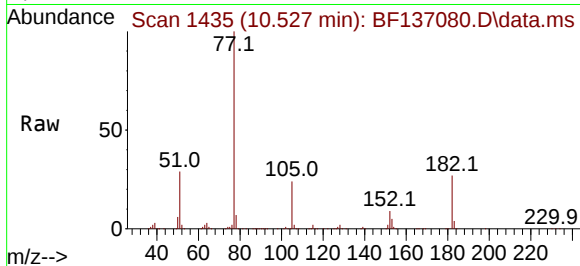




#63
Azobenzene
Concen: 36.601 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

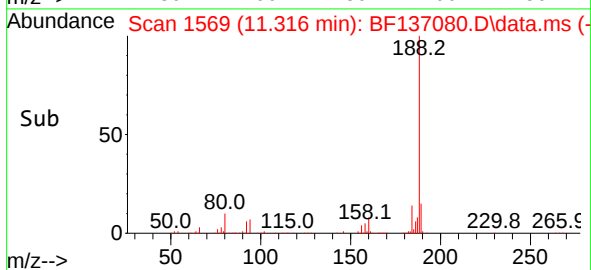
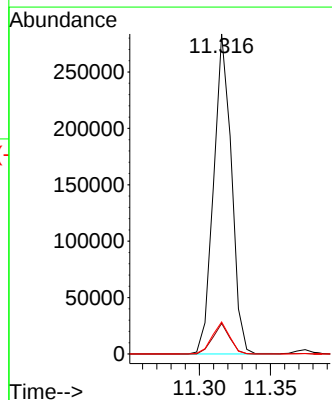
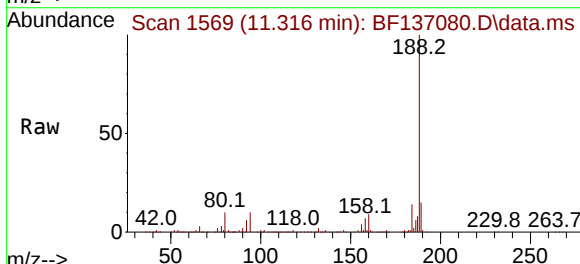
Instrument :
BNA_F
ClientSampleId :
IDOC-01

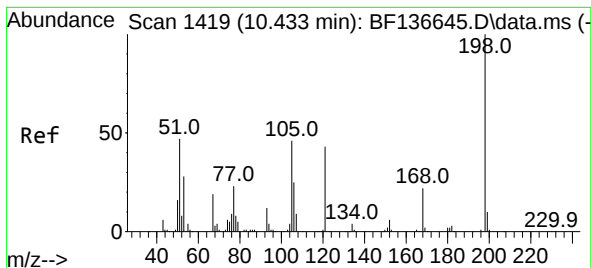
Tgt Ion: 77	Resp: 358205
Ion Ratio	Lower Upper
77 100	
182 27.3	6.0 46.0
105 23.7	2.3 42.3
51 28.6	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion: 188	Resp: 246905
Ion Ratio	Lower Upper
188 100	
94 9.6	7.5 11.3
80 10.0	8.1 12.1

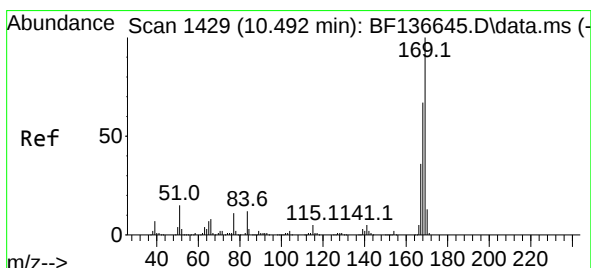
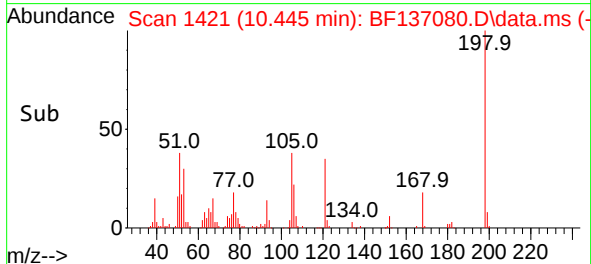
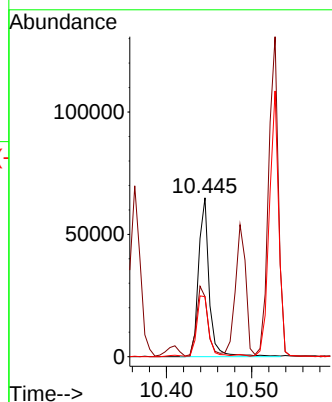
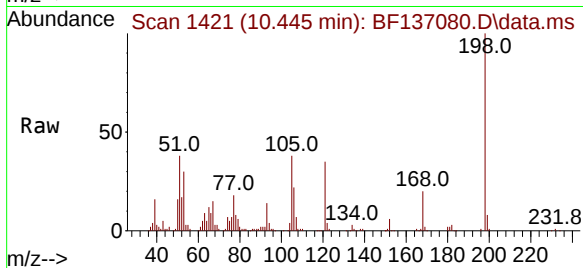




#65
4,6-Dinitro-2-methylphenol
Concen: 39.773 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

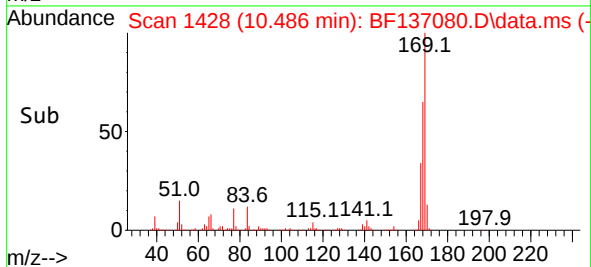
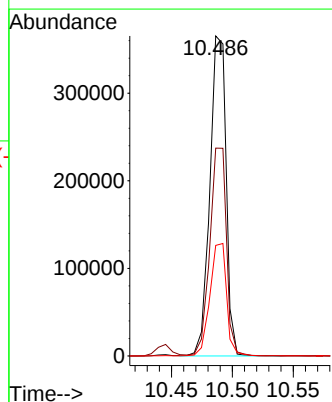
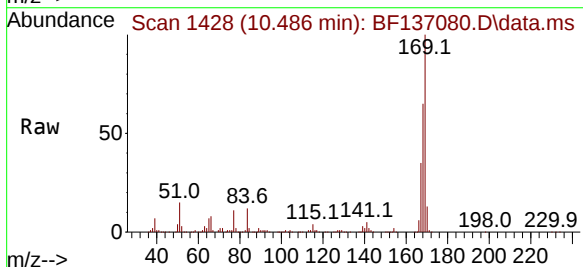
Instrument :
BNA_F
ClientSampleId :
IDOC-01

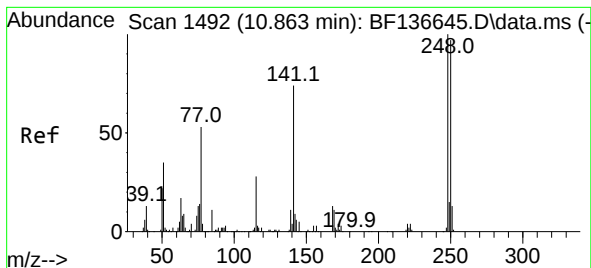
Tgt Ion:198 Resp: 56279
Ion Ratio Lower Upper
198 100
51 37.7 34.1 74.1
105 37.8 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 42.413 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:169 Resp: 340181
Ion Ratio Lower Upper
169 100
168 64.9 53.8 80.6
167 34.5 28.7 43.1

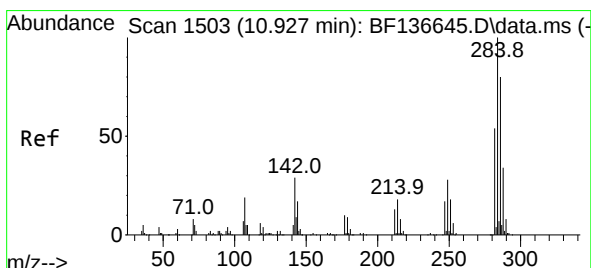
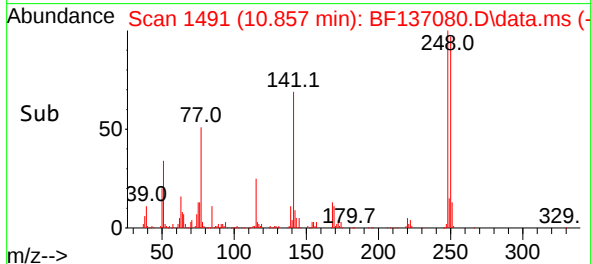
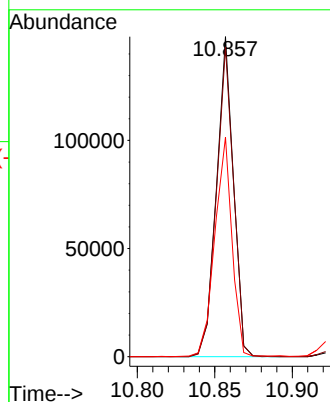
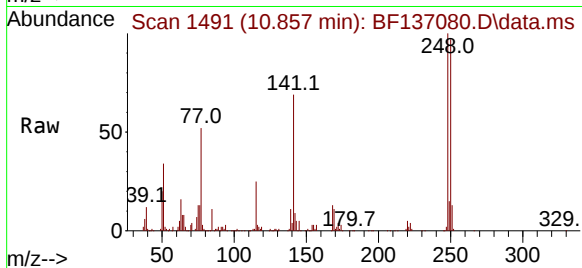




#67
4-Bromophenyl-phenylether
Concen: 41.217 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

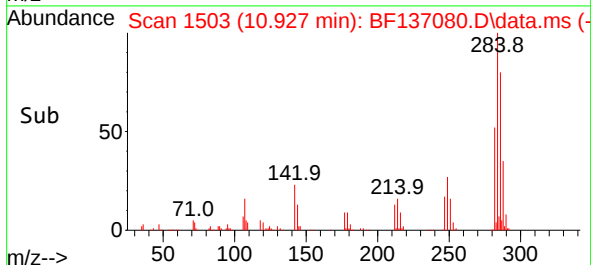
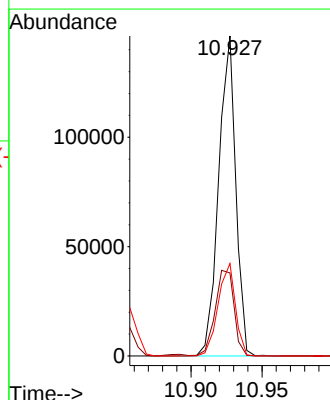
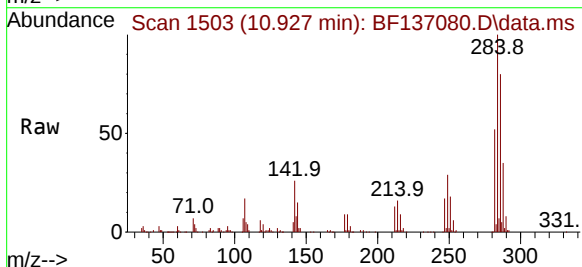
Instrument :
BNA_F
ClientSampleId :
IDOC-01

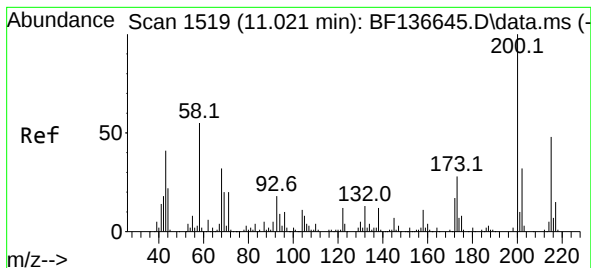
Tgt Ion:248 Resp: 113019
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.6
141 68.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.979 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:284 Resp: 122167
Ion Ratio Lower Upper
284 100
142 25.9 23.4 35.0
249 28.9 22.3 33.5





#69

Atrazine

Concen: 66.585 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

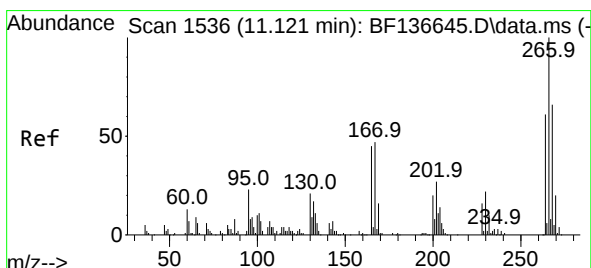
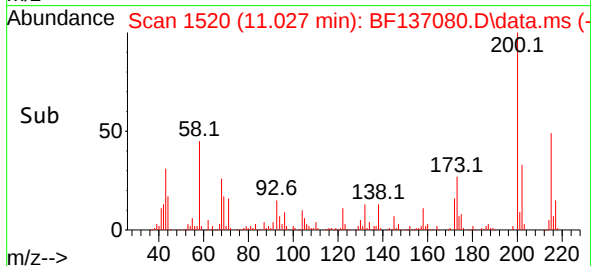
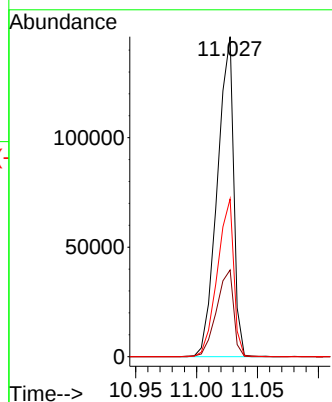
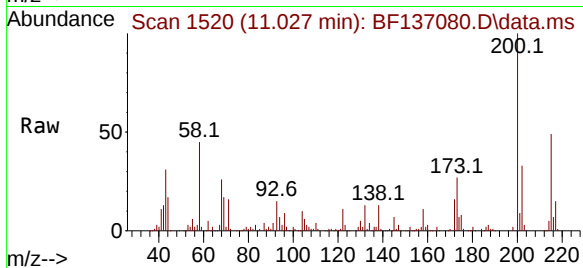
Tgt Ion:200 Resp: 136595

Ion Ratio Lower Upper

200 100

173 27.1 7.6 47.6

215 49.3 28.3 68.3



#70

Pentachlorophenol

Concen: 68.418 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

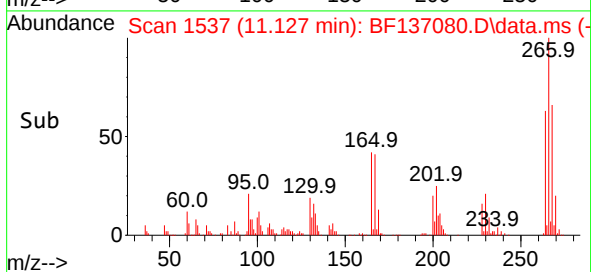
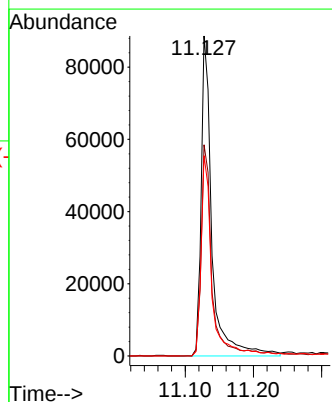
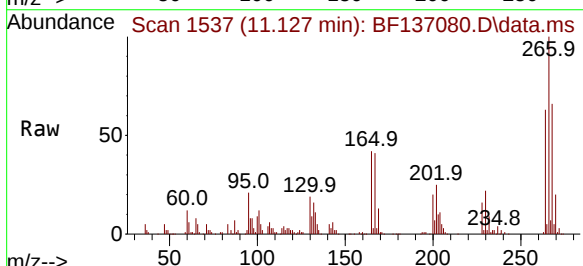
Tgt Ion:266 Resp: 97450

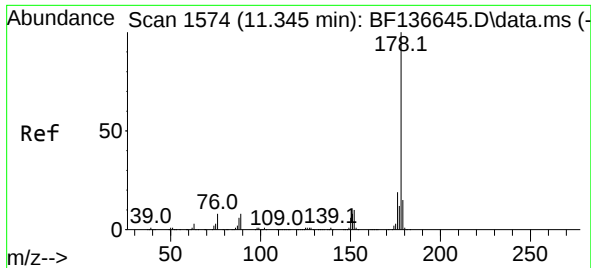
Ion Ratio Lower Upper

266 100

268 66.0 52.6 78.8

264 62.6 49.0 73.4

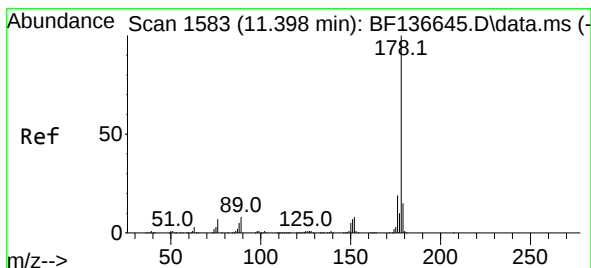
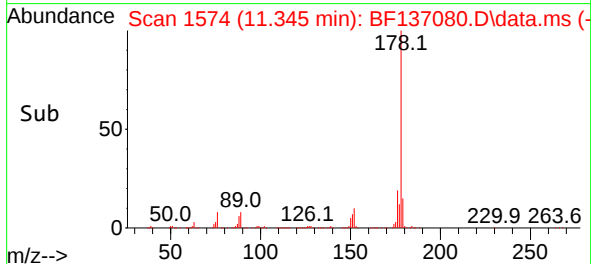
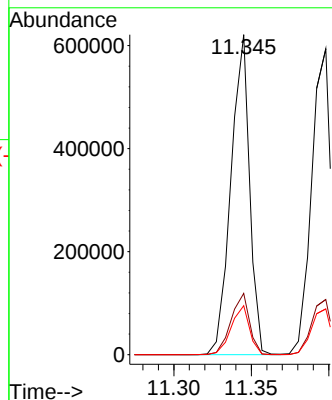
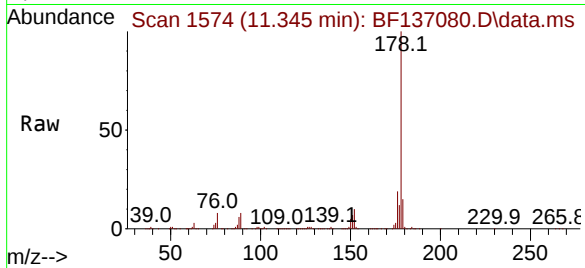




#71
Phenanthrene
Concen: 41.013 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

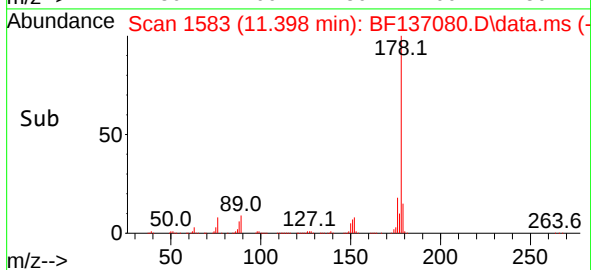
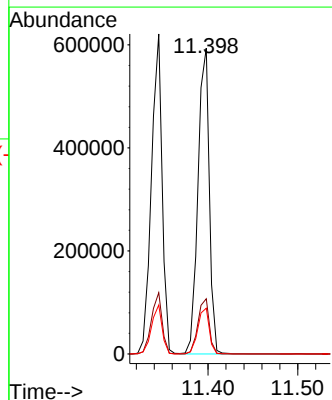
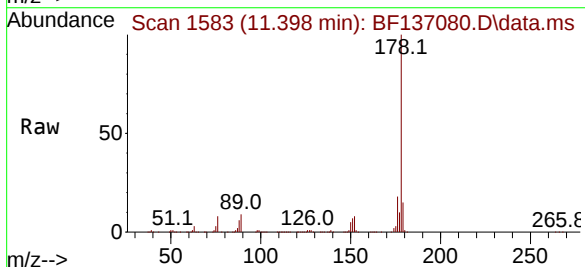
Instrument :
BNA_F
ClientSampleId :
IDOC-01

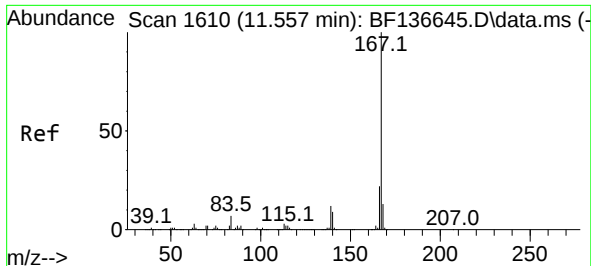
Tgt Ion:178 Resp: 519591
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 11.9 17.9



#72
Anthracene
Concen: 40.627 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:178 Resp: 521250
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 15.0 11.8 17.6

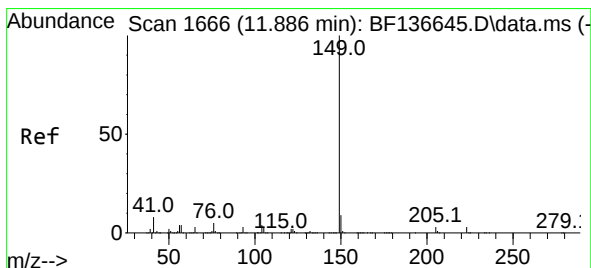
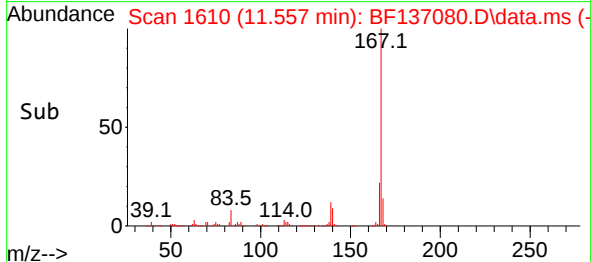
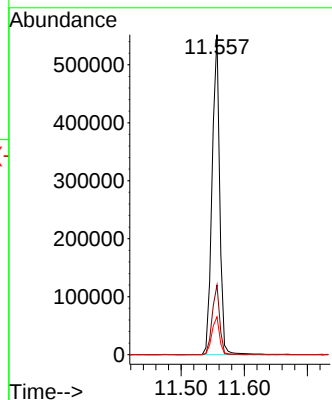
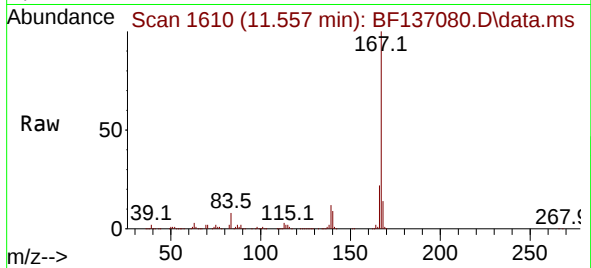




#73
 Carbazole
 Concen: 38.039 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF137080.D
 Acq: 16 Jan 2024 15:37

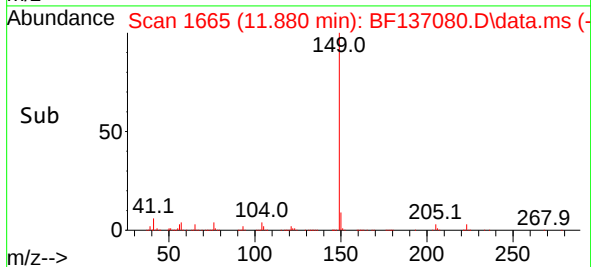
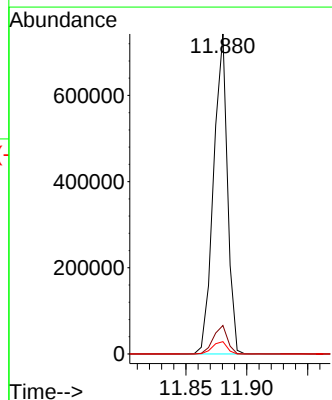
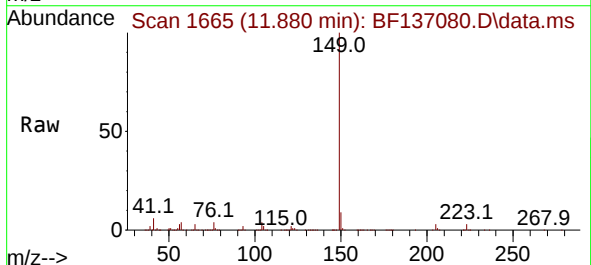
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

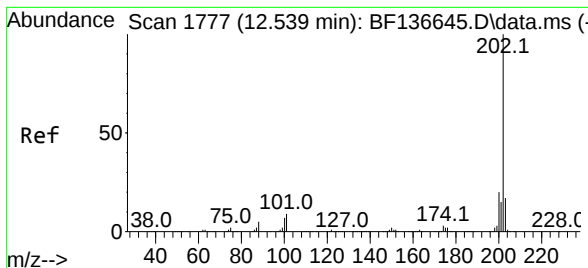
Tgt Ion:167 Resp: 460140
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 11.9 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 39.838 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137080.D
 Acq: 16 Jan 2024 15:37

Tgt Ion:149 Resp: 588043
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 3.9 3.6 5.4

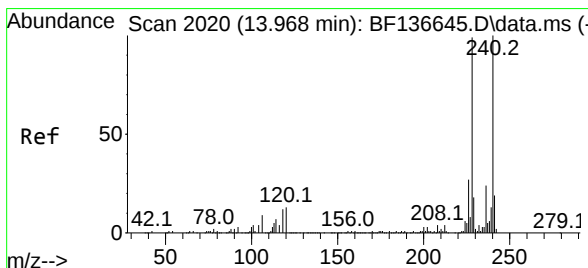
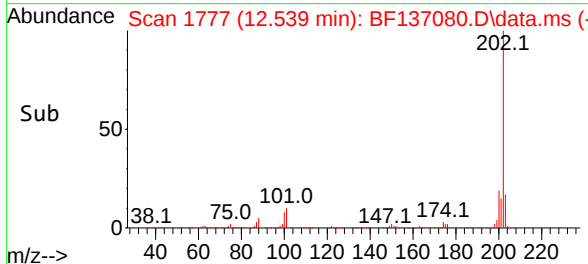
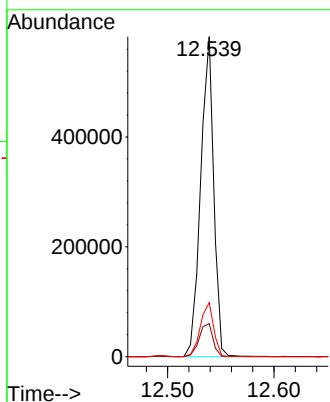
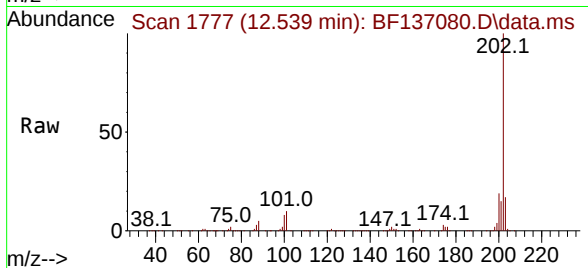




#75
Fluoranthene
Concen: 36.813 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

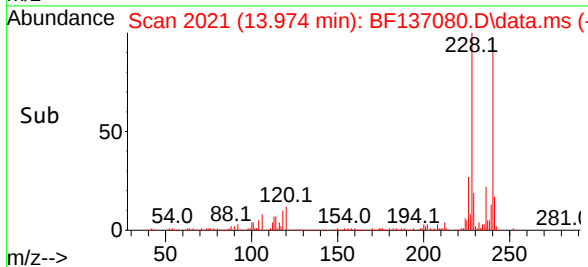
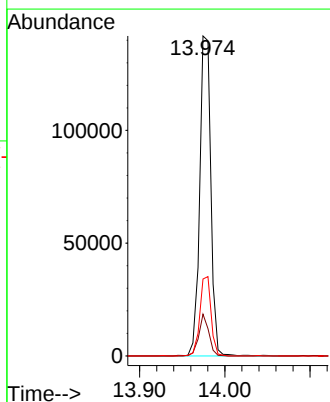
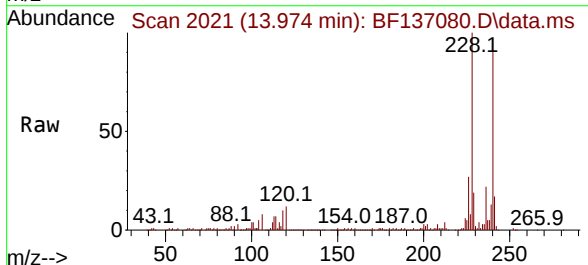
Instrument :
BNA_F
ClientSampleId :
IDOC-01

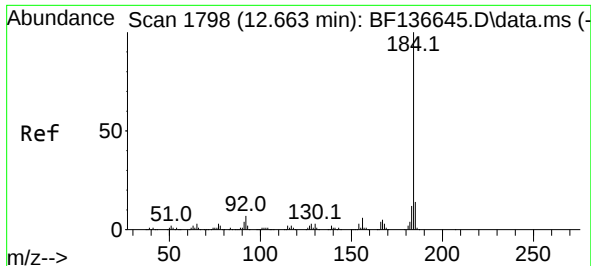
Tgt Ion:202 Resp: 498868
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 16.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:240 Resp: 128848
Ion Ratio Lower Upper
240 100
120 13.1 10.3 15.5
236 24.1 19.4 29.2

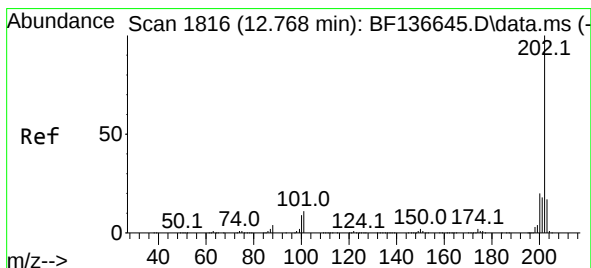
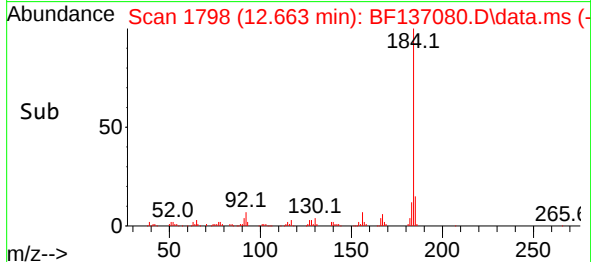
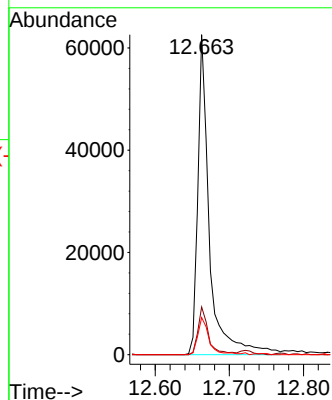
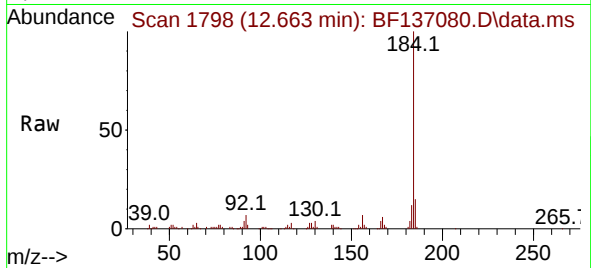




#77
Benzidine
Concen: 17.881 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

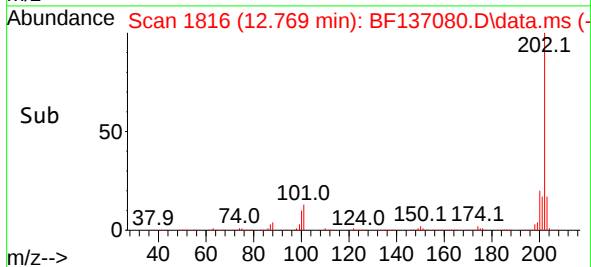
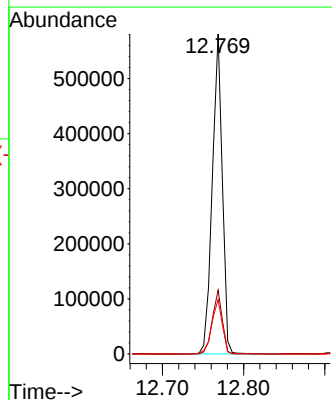
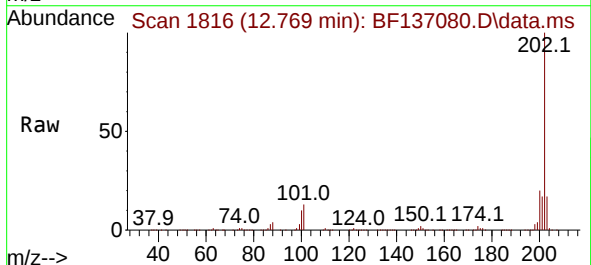
Instrument :
BNA_F
ClientSampleId :
IDOC-01

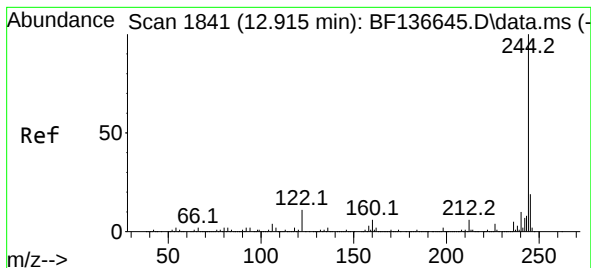
Tgt Ion:184 Resp: 67933
Ion Ratio Lower Upper
184 100
185 14.9 11.2 16.8
183 11.6 9.3 13.9



#78
Pyrene
Concen: 39.179 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:202 Resp: 495555
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 78.295 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

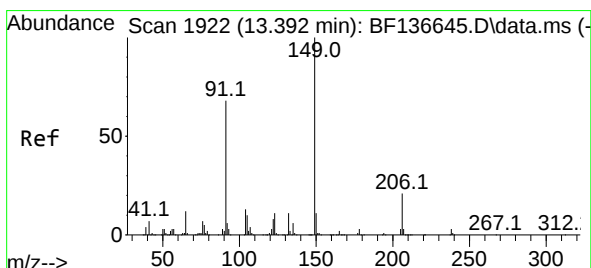
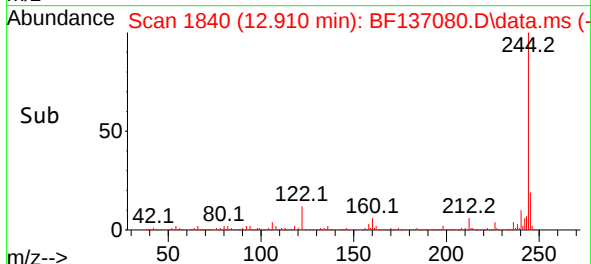
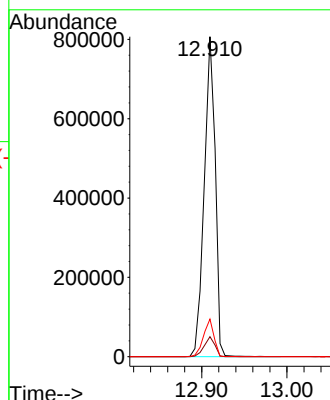
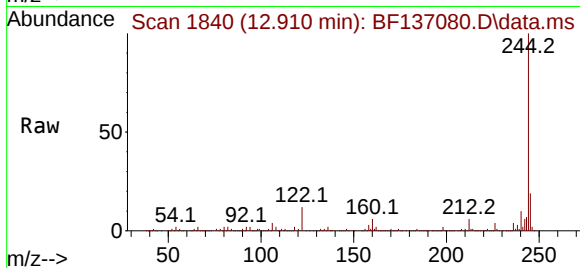
Tgt Ion:244 Resp: 721892

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 41.395 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

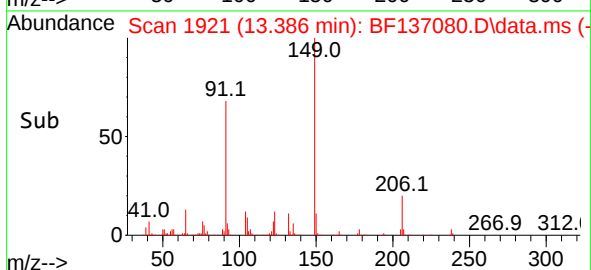
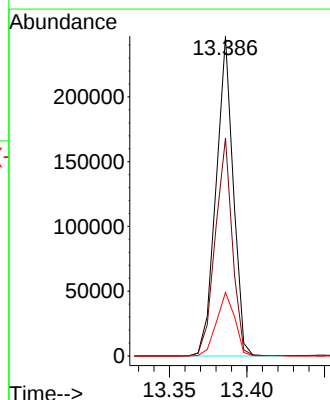
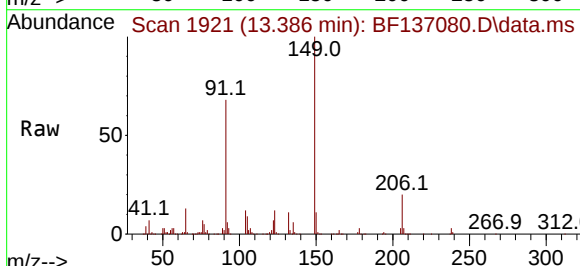
Tgt Ion:149 Resp: 190518

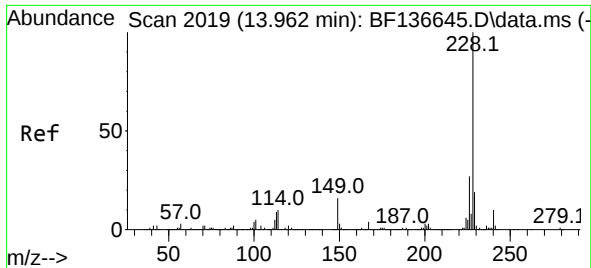
Ion Ratio Lower Upper

149 100

91 68.1 54.1 81.1

206 19.9 17.1 25.7

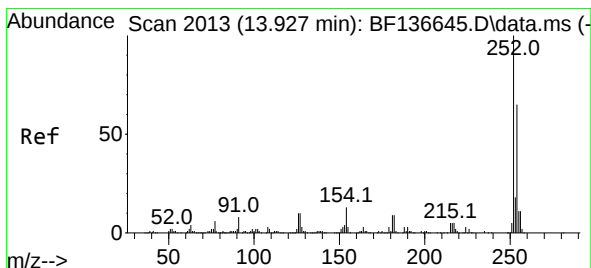
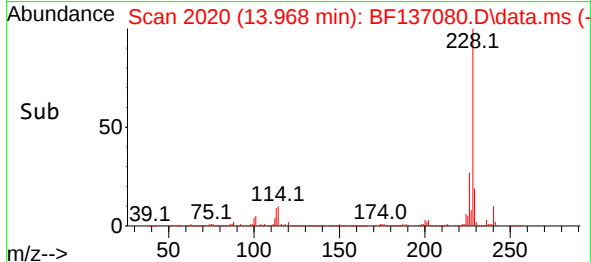
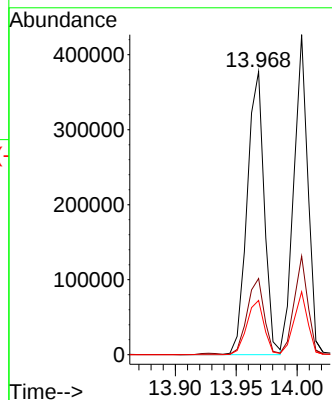
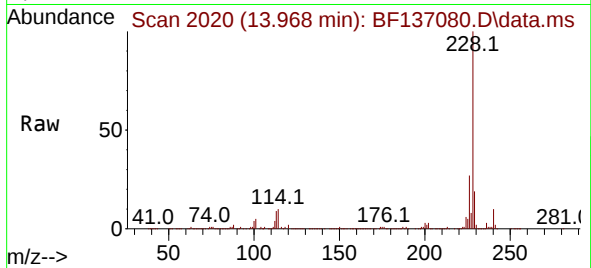




#81
Benzo(a)anthracene
Concen: 41.243 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

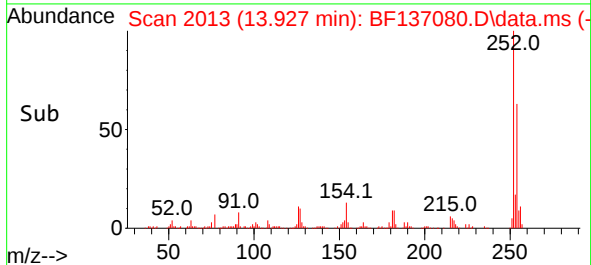
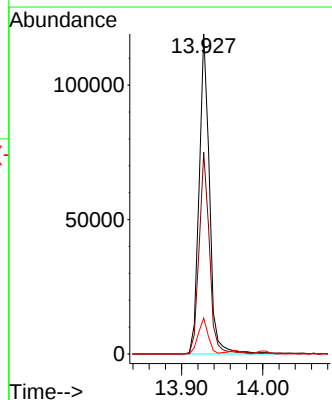
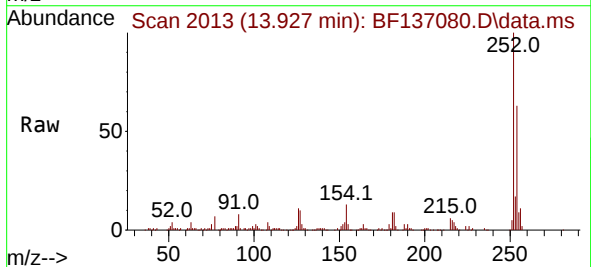
Instrument :
BNA_F
ClientSampleId :
IDOC-01

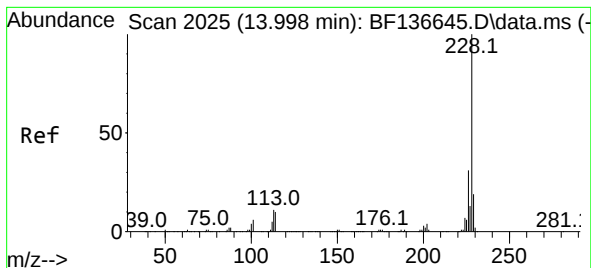
Tgt Ion:228 Resp: 369000
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.2 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 41.682 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:252 Resp: 105910
Ion Ratio Lower Upper
252 100
254 63.0 52.2 78.4
126 11.2 8.0 12.0





#83

Chrysene

Concen: 39.250 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

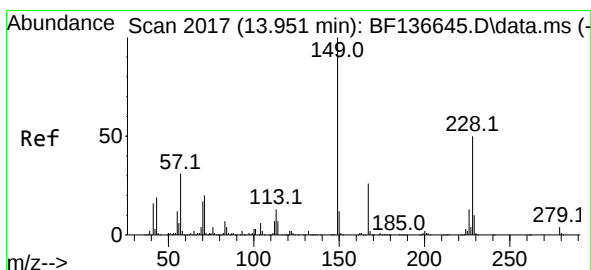
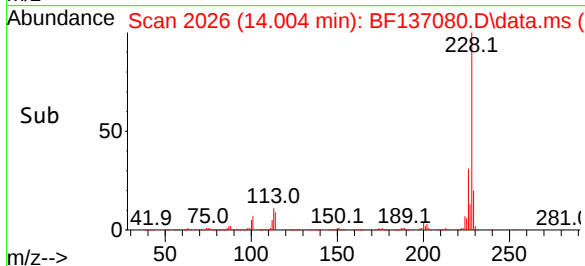
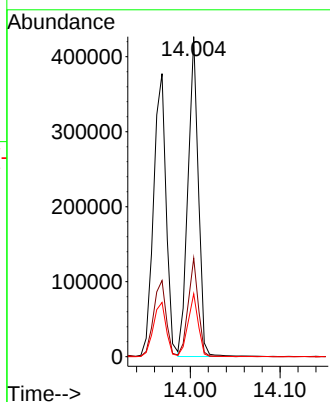
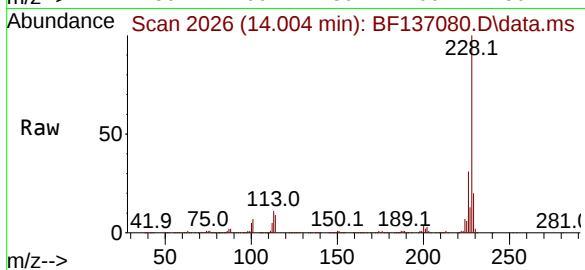
Tgt Ion:228 Resp: 343406

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.077 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

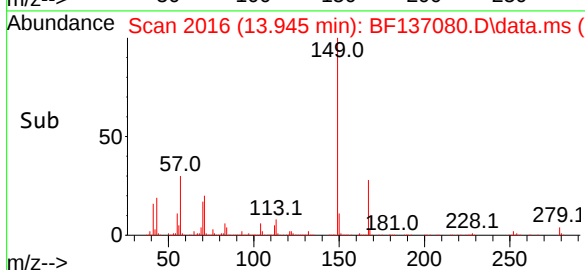
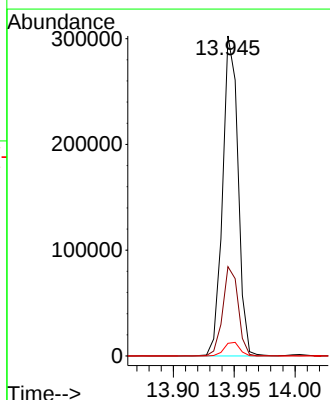
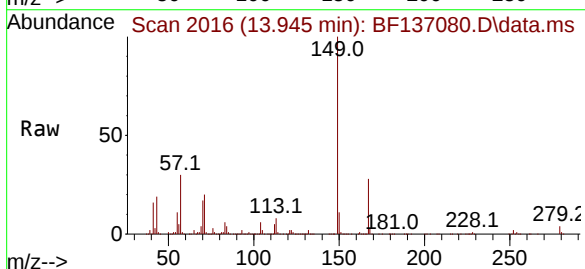
Tgt Ion:149 Resp: 266821

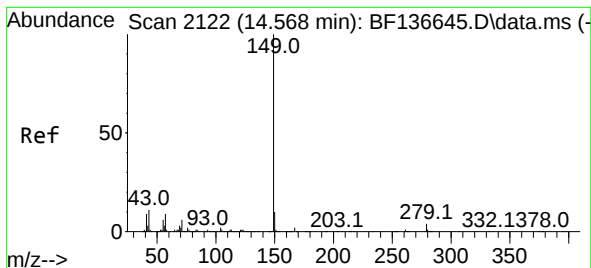
Ion Ratio Lower Upper

149 100

167 27.9 20.9 31.3

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.458 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

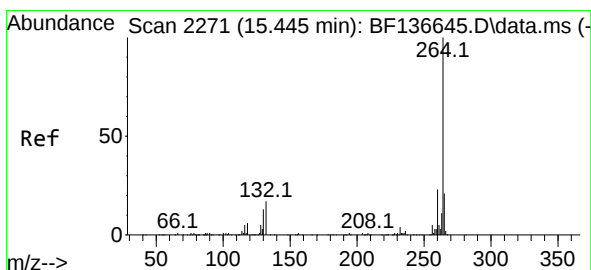
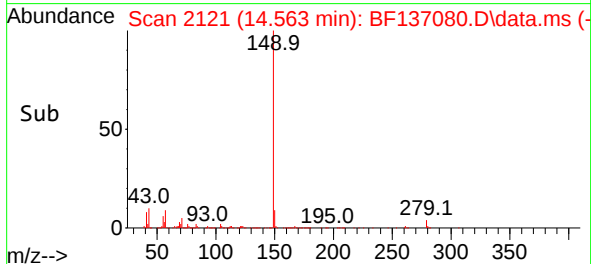
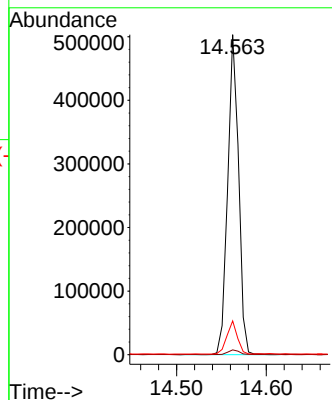
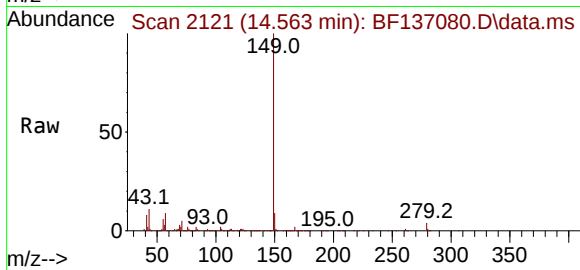
Tgt Ion:149 Resp: 425102

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.9 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

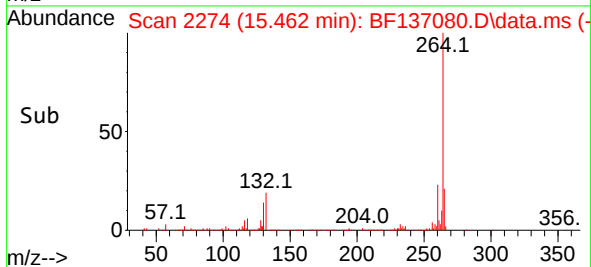
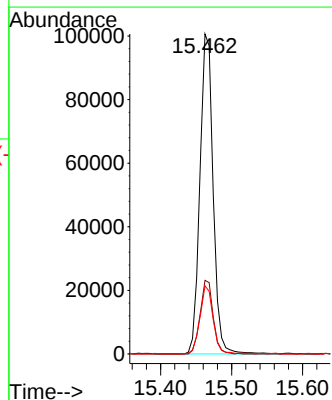
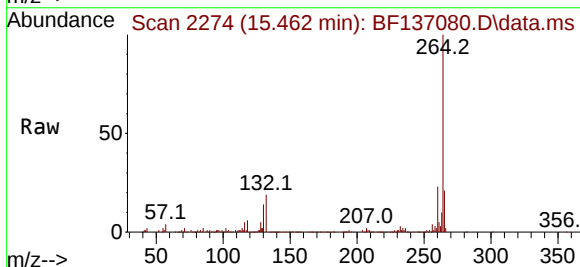
Tgt Ion:264 Resp: 130737

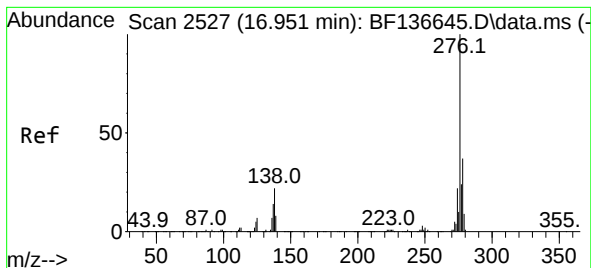
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.271 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA_F

ClientSampleId :

IDOC-01

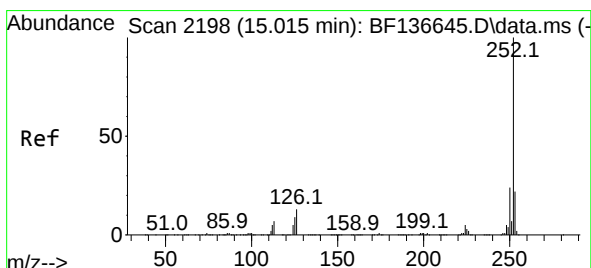
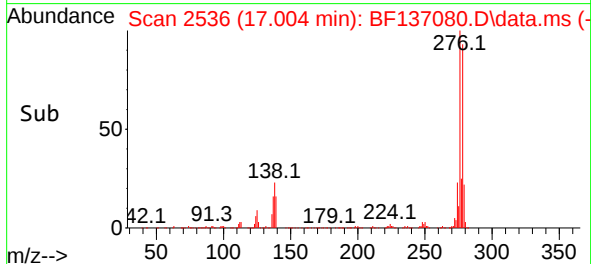
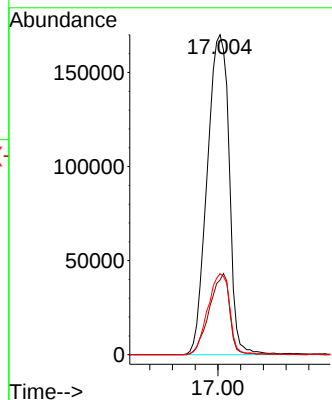
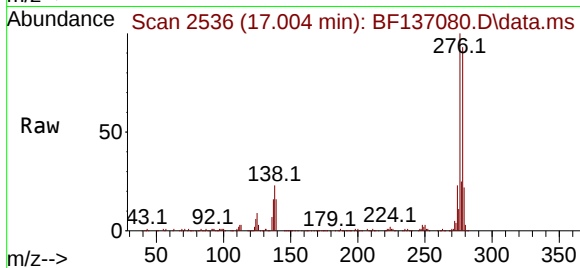
Tgt Ion:276 Resp: 455647

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.376 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

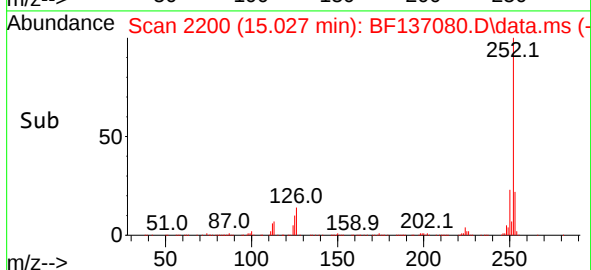
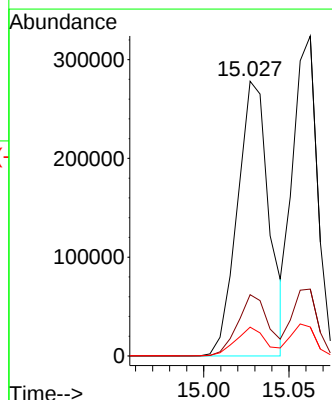
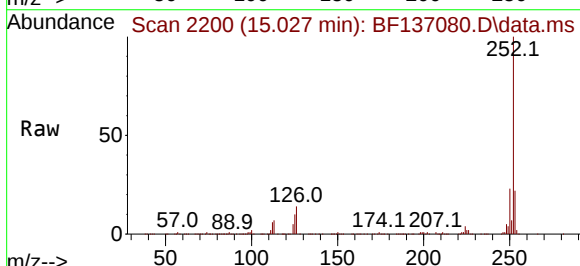
Tgt Ion:252 Resp: 361301

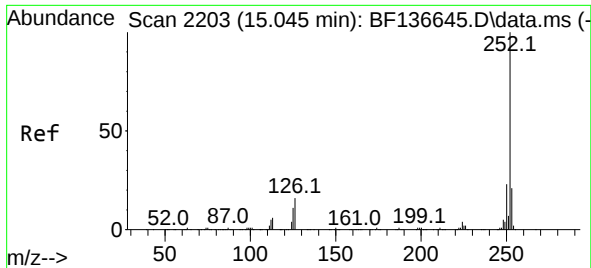
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.5 7.4 11.2

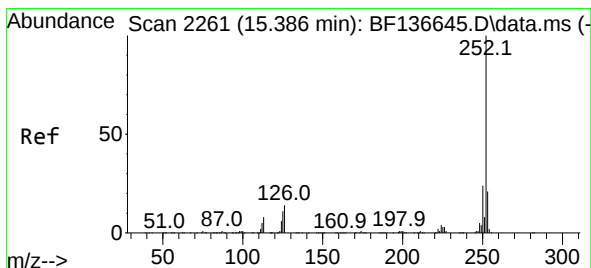
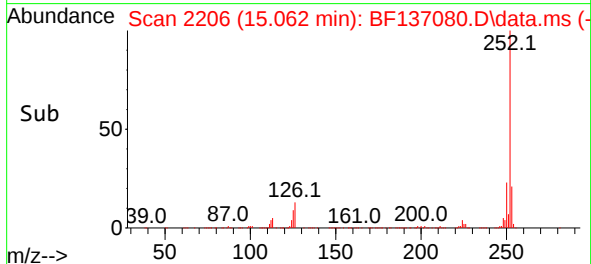
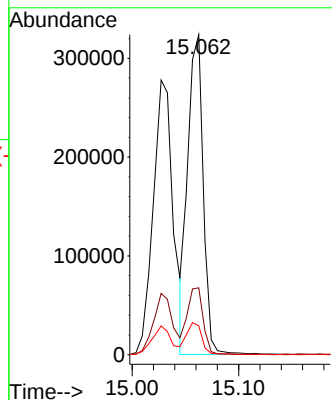
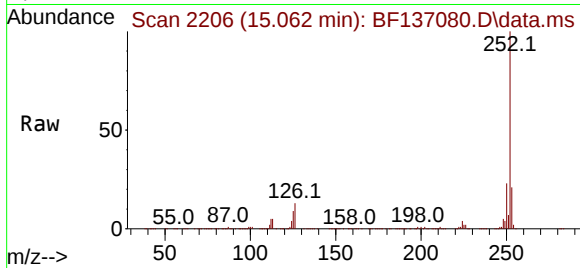




#89
Benzo(k)fluoranthene
Concen: 39.642 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

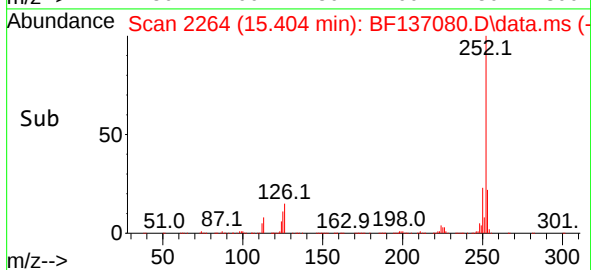
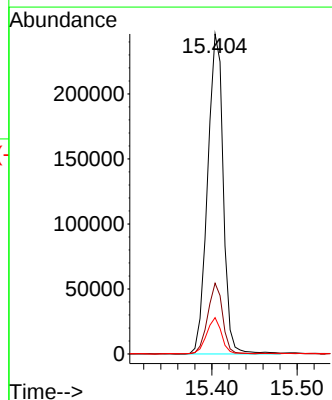
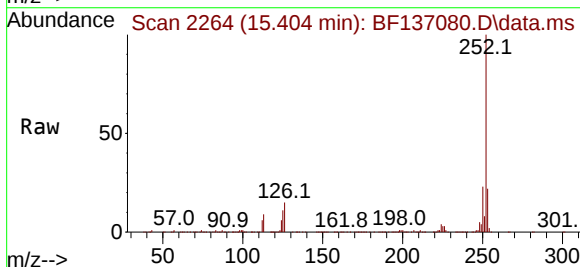
Instrument :
BNA_F
ClientSampleId :
IDOC-01

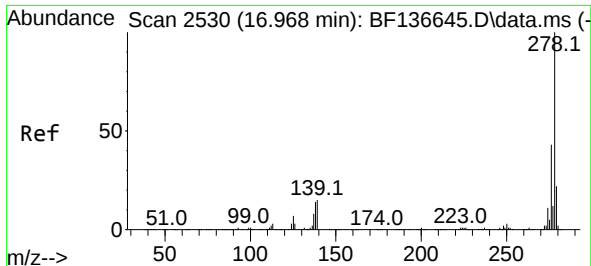
Tgt Ion:252 Resp: 327086
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 9.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 42.636 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF137080.D
Acq: 16 Jan 2024 15:37

Tgt Ion:252 Resp: 314262
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.3 8.8 13.2

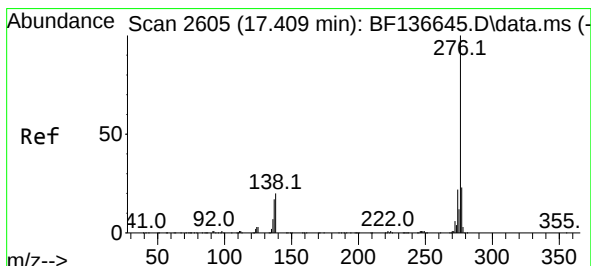
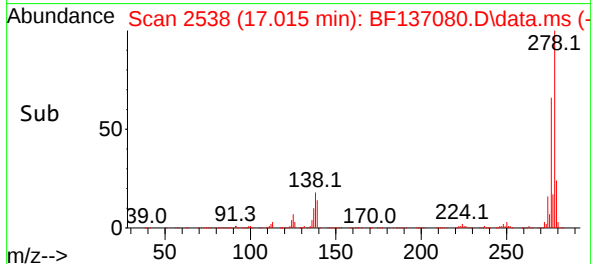
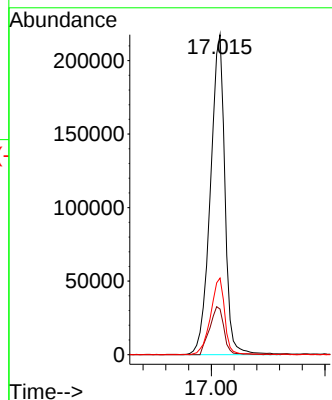
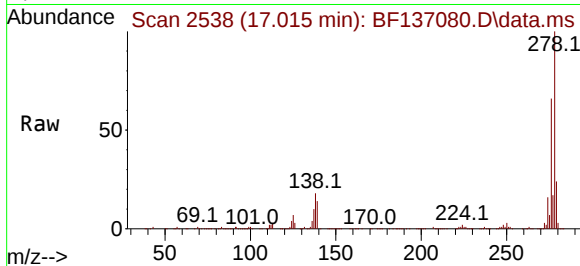




#91
 Dibenzo(a,h)anthracene
 Concen: 49.513 ng
 RT: 17.015 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF137080.D
 Acq: 16 Jan 2024 15:37

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

Tgt Ion:278 Resp: 383436
 Ion Ratio Lower Upper
 278 100
 139 14.2 12.2 18.4
 279 24.0 17.8 26.6



#92
 Benzo(g,h,i)perylene
 Concen: 48.060 ng
 RT: 17.462 min Scan# 2614
 Delta R.T. 0.053 min
 Lab File: BF137080.D
 Acq: 16 Jan 2024 15:37

Tgt Ion:276 Resp: 381193
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.3 27.5
 138 20.9 15.6 23.4

