

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137082.D
 Acq On : 16 Jan 2024 16:36
 Operator : CG\JU
 Sample : IDOC-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

Quant Time: Jan 16 17:07:56 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	51980	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	204327	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	104372	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	186778	20.000	ng	0.00
76) Chrysene-d12	13.974	240	96138	20.000	ng	0.00
86) Perylene-d12	15.462	264	97465	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	413581	124.145	ng	0.01
7) Phenol-d6	6.440	99	511508	118.494	ng	0.00
23) Nitrobenzene-d5	7.351	82	307832	77.093	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	141471	115.091	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	634671	81.787	ng	-0.01
79) Terphenyl-d14	12.910	244	594462	86.411	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	46890	33.781	ng	96
3) Pyridine	3.381	79	106442	31.429	ng	97
4) n-Nitrosodimethylamine	3.346	42	66594	36.821	ng	98
6) Aniline	6.451	93	104451	24.201	ng	# 1
8) 2-Chlorophenol	6.581	128	156340	42.883	ng	91
9) Benzaldehyde	6.340	77	60479	24.631	ng	96
10) Phenol	6.451	94	182213	39.541	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	144957	41.364	ng	100
12) 1,3-Dichlorobenzene	6.728	146	156497	39.350	ng	96
13) 1,4-Dichlorobenzene	6.804	146	162401	39.964	ng	97
14) 1,2-Dichlorobenzene	6.951	146	155764	41.193	ng	99
15) Benzyl Alcohol	6.934	79	121197	41.616	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	226392	39.513	ng	58
17) 2-Methylphenol	7.051	107	122629	40.603	ng	93
18) Hexachloroethane	7.287	117	57457	38.933	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	105300	40.240	ng	97
20) 3+4-Methylphenols	7.204	107	158322	41.960	ng	# 63
22) Acetophenone	7.192	105	216395	42.253	ng	# 88
24) Nitrobenzene	7.369	77	153774	38.444	ng	96
25) Isophorone	7.604	82	283806	39.061	ng	98
26) 2-Nitrophenol	7.686	139	83189	43.469	ng	91
27) 2,4-Dimethylphenol	7.728	122	119329	51.217	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	179734	40.696	ng	99
29) 2,4-Dichlorophenol	7.934	162	124390	41.470	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	134898	40.364	ng	99
31) Naphthalene	8.086	128	449331	40.029	ng	99
32) Benzoic acid	7.869	122	85155	37.774	ng	95
33) 4-Chloroaniline	8.139	127	75690	18.263	ng	95
34) Hexachlorobutadiene	8.192	225	79600	39.202	ng	98
35) Caprolactam	8.516	113	34152	34.513	ng	93
36) 4-Chloro-3-methylphenol	8.633	107	134692	39.887	ng	97
37) 2-Methylnaphthalene	8.775	142	286688	39.684	ng	99
38) 1-Methylnaphthalene	8.875	142	273503	38.589	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	140792	43.557	ng	99
41) Hexachlorocyclopentadiene	8.922	237	68287	67.100	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	83194	40.133	ng	98

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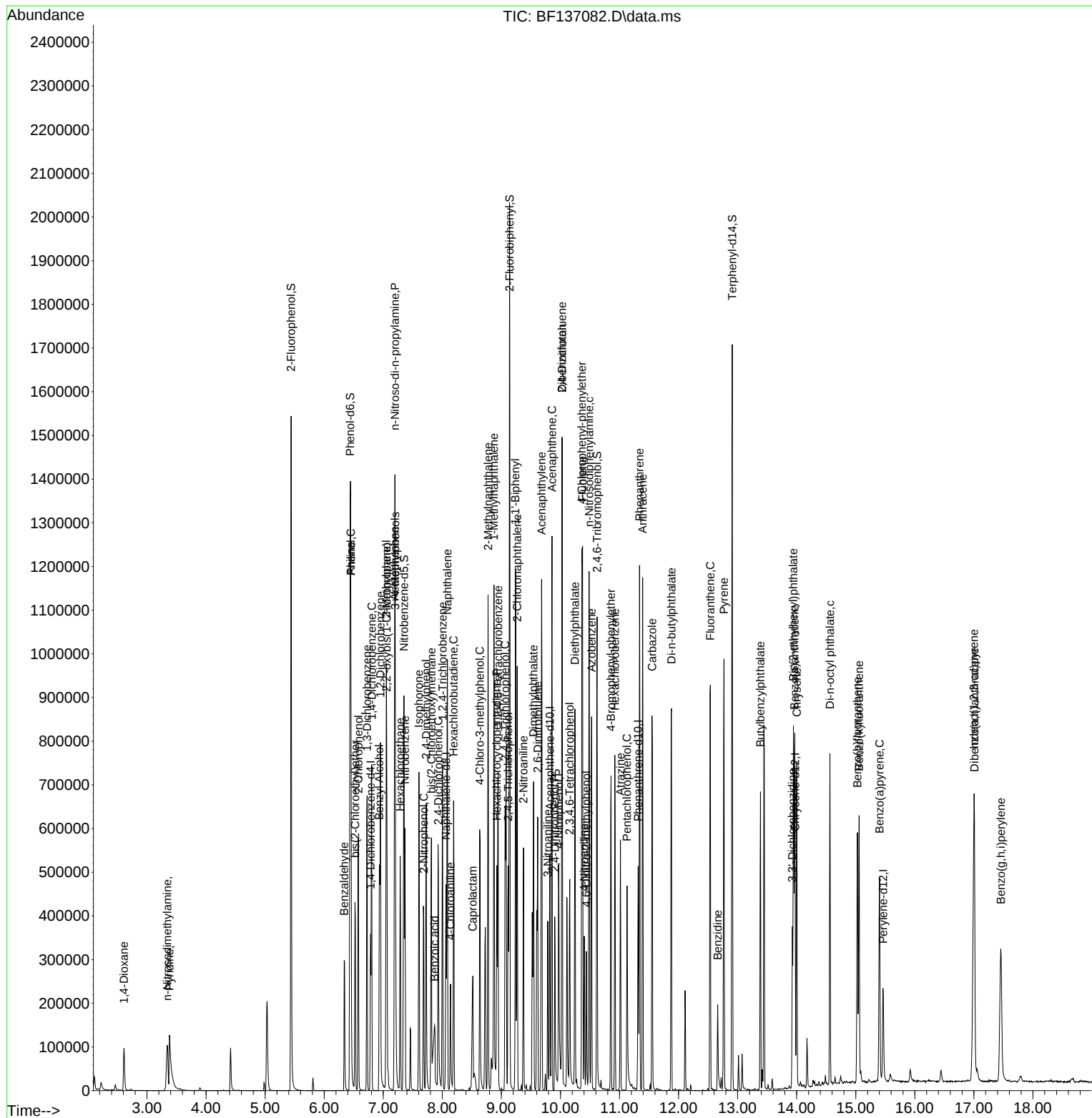
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	89727	38.842	ng	98
46) 1,1'-Biphenyl	9.239	154	365765	41.762	ng	98
47) 2-Chloronaphthalene	9.269	162	272046	40.858	ng	97
48) 2-Nitroaniline	9.375	65	84025	40.299	ng	90
49) Acenaphthylene	9.680	152	451002	44.315	ng	99
50) Dimethylphthalate	9.545	163	312422	40.981	ng	100
51) 2,6-Dinitrotoluene	9.616	165	69246	40.022	ng	98
52) Acenaphthene	9.857	154	258135	40.918	ng	99
53) 3-Nitroaniline	9.786	138	53827	29.369	ng	92
54) 2,4-Dinitrophenol	9.904	184	59578	62.966	ng	# 82
55) Dibenzofuran	10.028	168	391688	40.959	ng	100
56) 4-Nitrophenol	9.975	139	61590	49.780	ng	94
57) 2,4-Dinitrotoluene	10.028	165	86489	38.506	ng	96
58) Fluorene	10.375	166	317061	41.785	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	73621	41.402	ng	96
60) Diethylphthalate	10.245	149	309443	39.121	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	152501	41.348	ng	96
62) 4-Nitroaniline	10.404	138	59363	33.598	ng	97
63) Azobenzene	10.527	77	291059	39.397	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	41019	38.320	ng	90
66) n-Nitrosodiphenylamine	10.486	169	271596	44.763	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	89838	43.310	ng	94
68) Hexachlorobenzene	10.922	284	101308	43.825	ng	96
69) Atrazine	11.016	200	59089	38.076	ng	99
70) Pentachlorophenol	11.127	266	64764	60.107	ng	97
71) Phenanthrene	11.339	178	421360	43.966	ng	99
72) Anthracene	11.392	178	427581	44.054	ng	99
73) Carbazole	11.551	167	365551	39.948	ng	99
74) Di-n-butylphthalate	11.880	149	471623	42.237	ng	98
75) Fluoranthene	12.539	202	414086	40.394	ng	99
77) Benzidine	12.663	184	92079	32.483	ng	98
78) Pyrene	12.769	202	398210	42.194	ng	99
80) Butylbenzylphthalate	13.386	149	149290	43.473	ng	99
81) Benzo(a)anthracene	13.963	228	293165	43.915	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	82865	43.709	ng	98
83) Chrysene	14.004	228	274194	42.002	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	207396	48.001	ng	97
85) Di-n-octyl phthalate	14.563	149	330273	49.417	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	351476	49.946	ng	99
88) Benzo(b)fluoranthene	15.027	252	264231	40.590	ng	99
89) Benzo(k)fluoranthene	15.057	252	258702	42.058	ng	99
90) Benzo(a)pyrene	15.404	252	240717	43.807	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	299732	51.917	ng	99
92) Benzo(g,h,i)perylene	17.456	276	294745	49.847	ng	98

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

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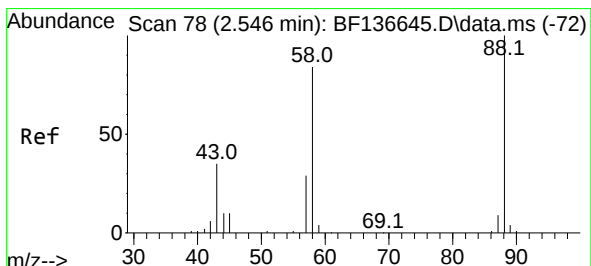
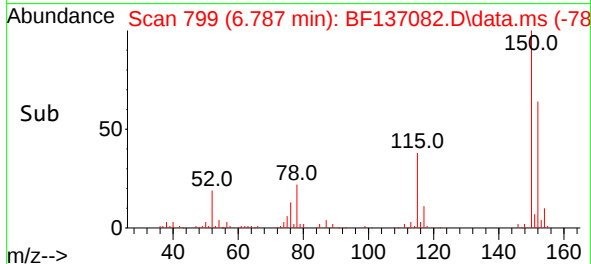
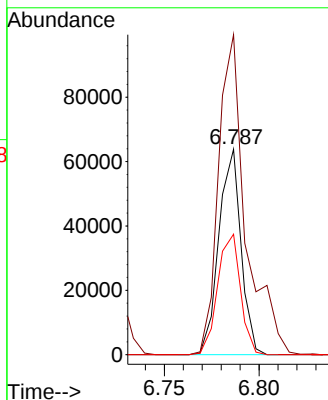
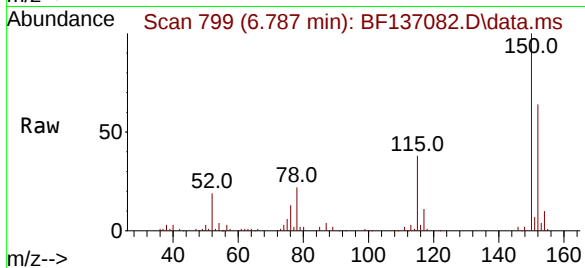




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137082.D
 Acq: 16 Jan 2024 16:36

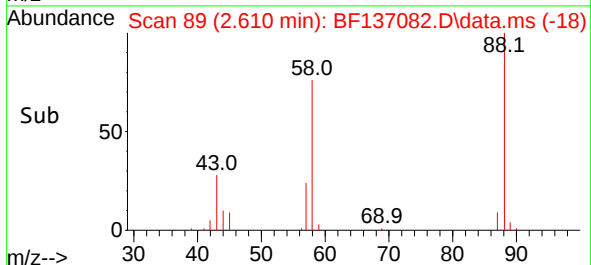
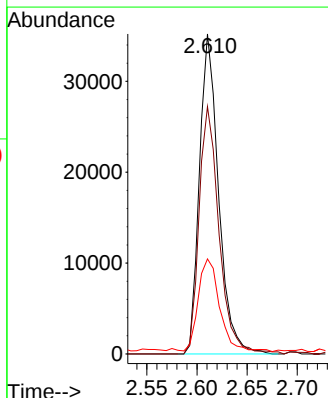
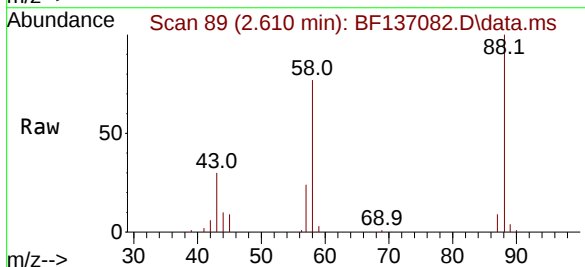
Instrument :
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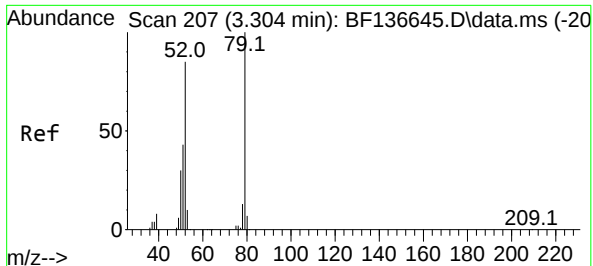
Tgt Ion:152 Resp: 51980
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.0 190.6
 115 58.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.781 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.065 min
 Lab File: BF137082.D
 Acq: 16 Jan 2024 16:36

Tgt Ion: 88 Resp: 46890
 Ion Ratio Lower Upper
 88 100
 58 80.8 67.4 101.0
 43 32.4 27.7 41.5

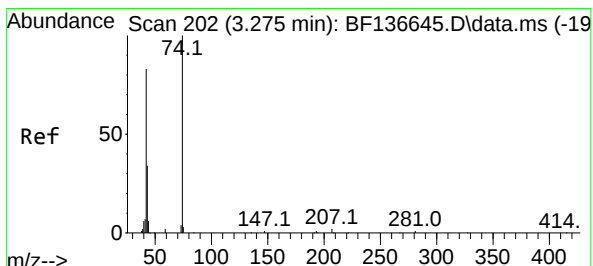
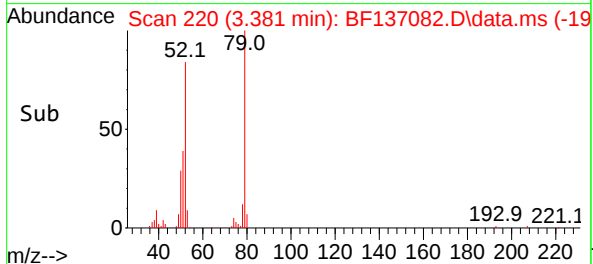
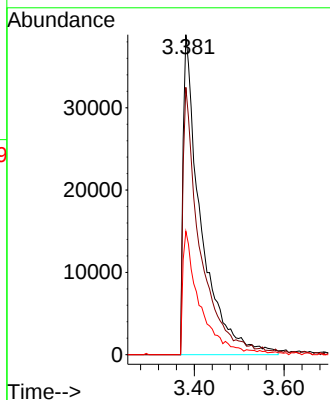
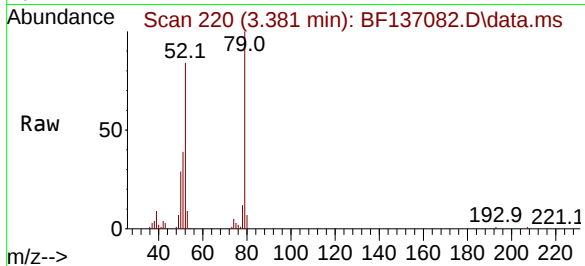




#3
Pyridine
Concen: 31.429 ng
RT: 3.381 min Scan# 214
Delta R.T. 0.077 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

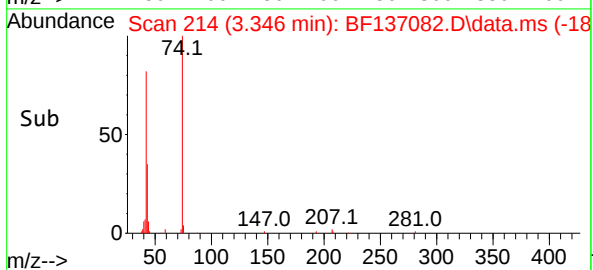
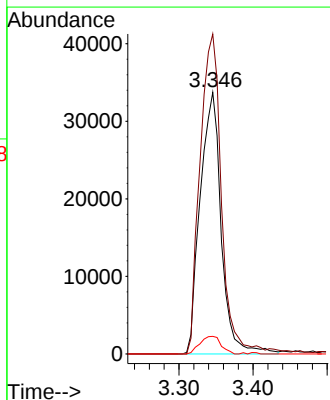
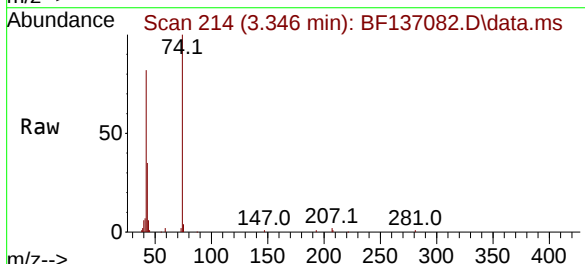
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion: 79 Resp: 106442
Ion Ratio Lower Upper
79 100
52 83.5 67.7 101.5
51 38.6 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 36.821 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.071 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion: 42 Resp: 66594
Ion Ratio Lower Upper
42 100
74 122.3 96.0 144.0
44 6.7 5.4 8.2

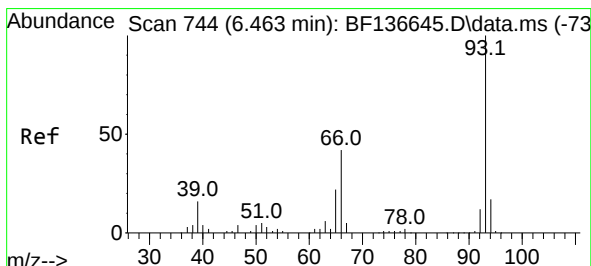
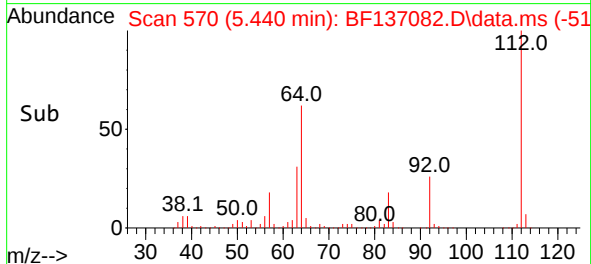
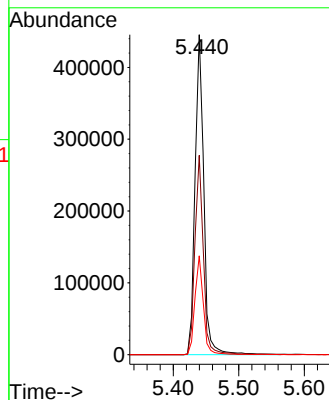
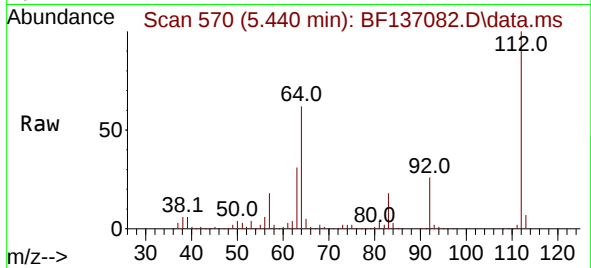




#5
2-Fluorophenol
Concen: 124.145 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

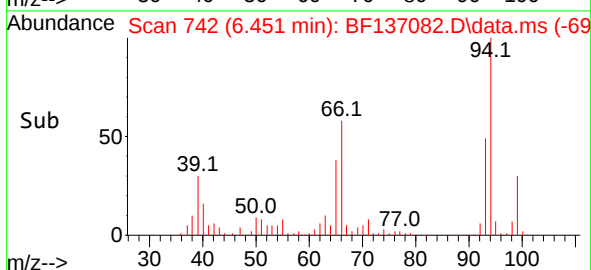
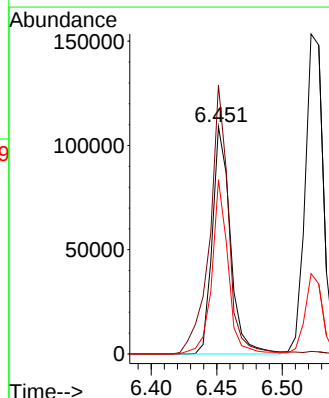
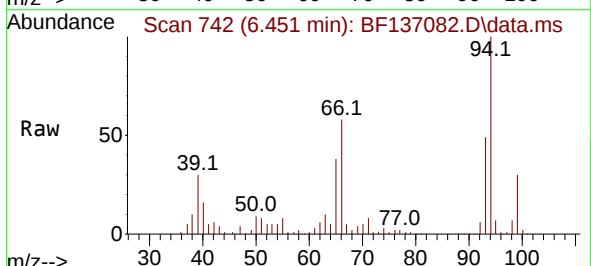
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ClientSampleId :
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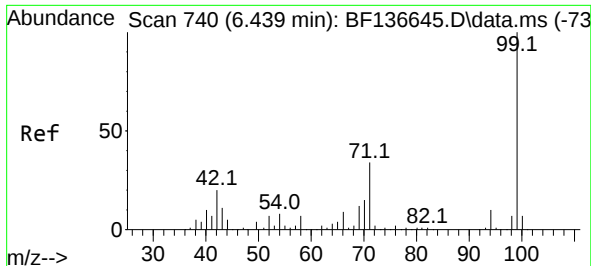
Tgt Ion:112 Resp: 413581
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 30.9 26.1 39.1



#6
Aniline
Concen: 24.201 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion: 93 Resp: 104451
Ion Ratio Lower Upper
93 100
66 118.3 34.6 51.8#
65 76.7 17.8 26.8#

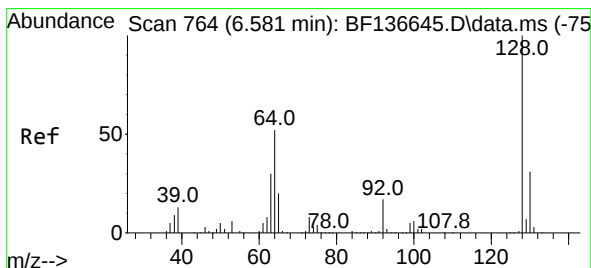
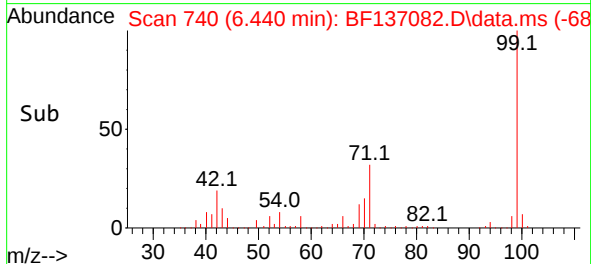
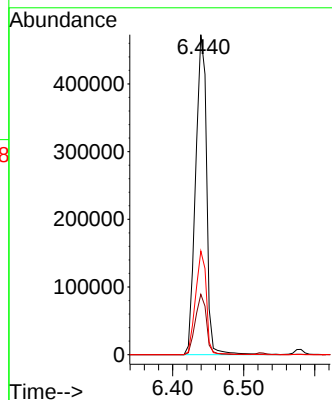
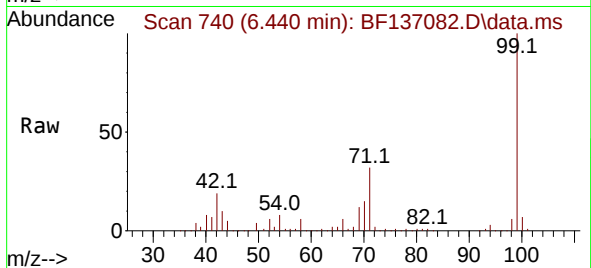




#7
Phenol-d6
Concen: 118.494 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

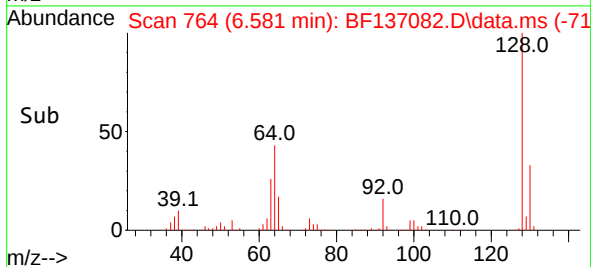
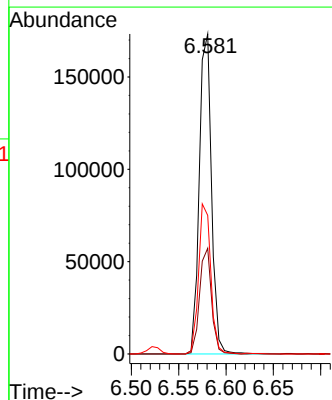
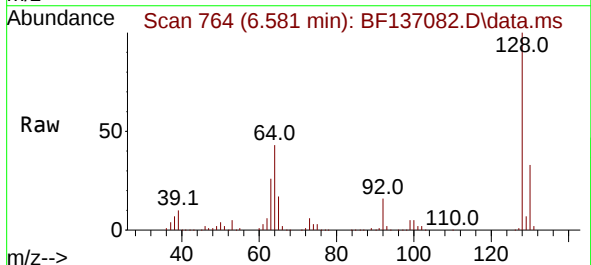
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Tgt Ion: 99 Resp: 511508
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.4 27.4 41.2



#8
2-Chlorophenol
Concen: 42.883 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion: 128 Resp: 156340
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 43.3 32.5 72.5





#9

Benzaldehyde

Concen: 24.631 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

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Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

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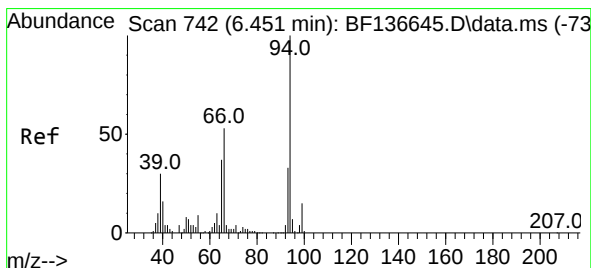
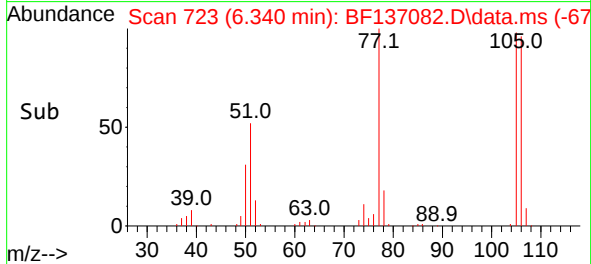
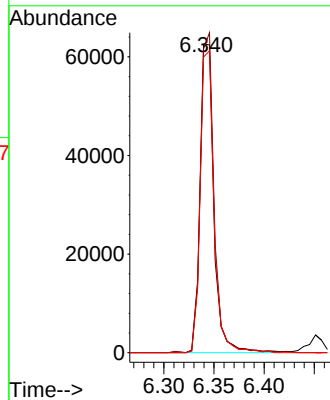
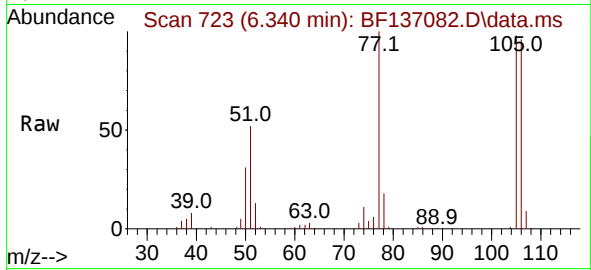
Tgt Ion: 77 Resp: 60479

Ion Ratio Lower Upper

77 100

105 98.5 84.8 124.8

106 95.8 77.8 117.8



#10

Phenol

Concen: 39.541 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

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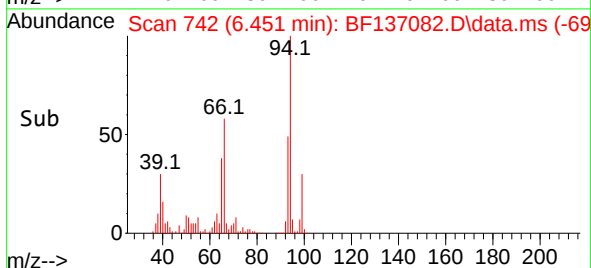
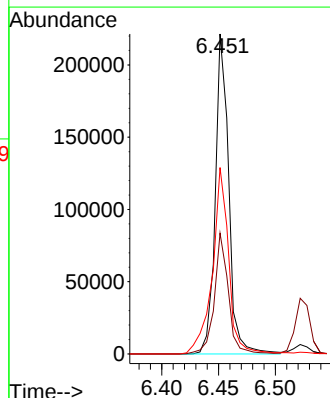
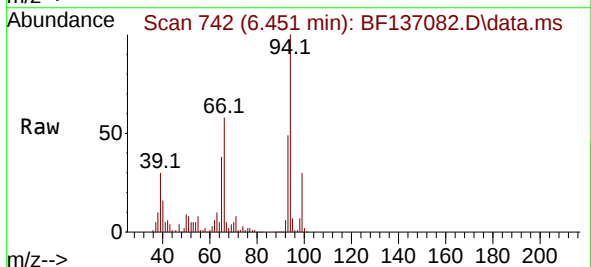
Tgt Ion: 94 Resp: 182213

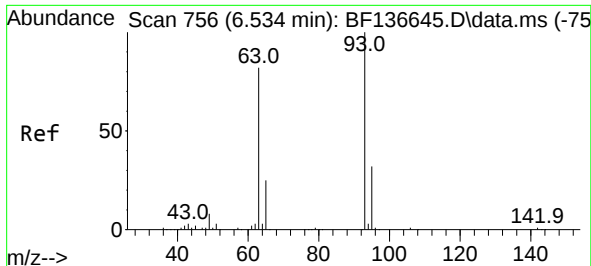
Ion Ratio Lower Upper

94 100

65 37.7 16.6 56.6

66 58.2 32.6 72.6

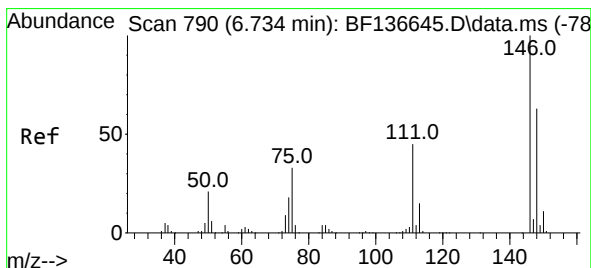
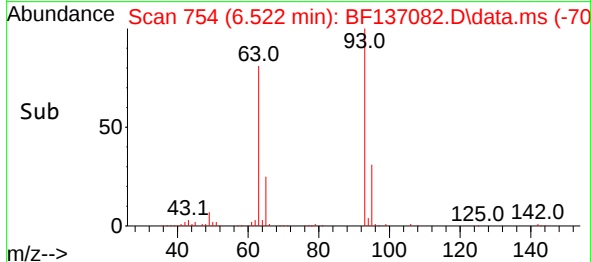
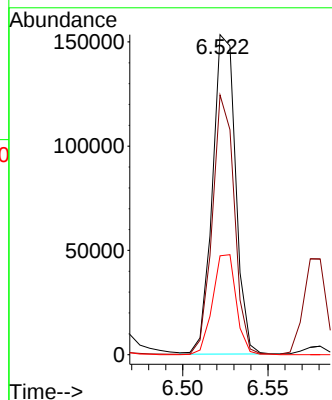
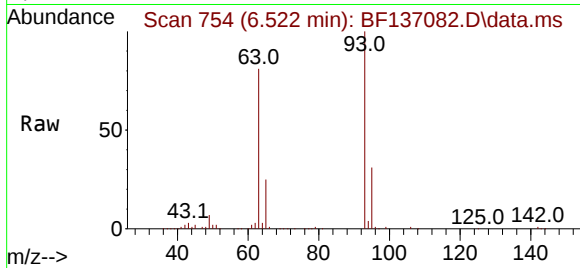




#11
bis(2-Chloroethyl)ether
Concen: 41.364 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

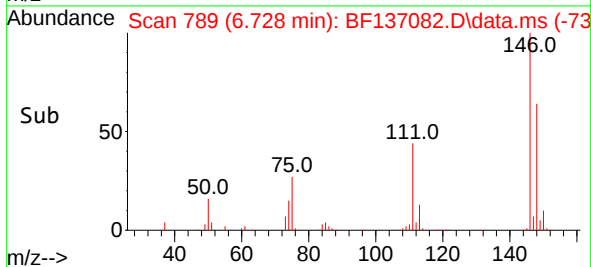
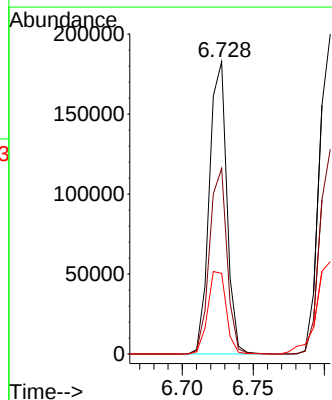
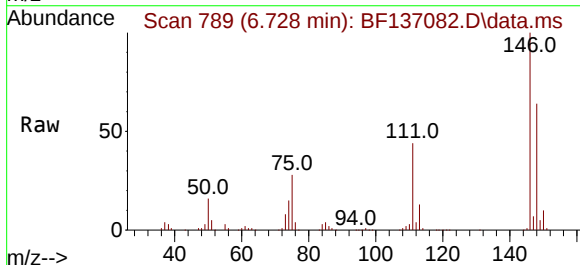
Instrument :
BNA_F
ClientSampleId :
IDOC-03

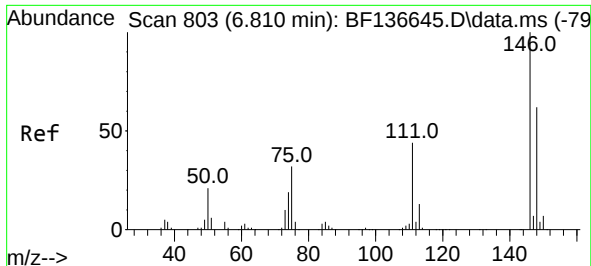
Tgt Ion: 93 Resp: 144957
Ion Ratio Lower Upper
93 100
63 81.1 61.2 101.2
95 30.9 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 39.350 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:146 Resp: 156497
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 27.6 26.2 39.4

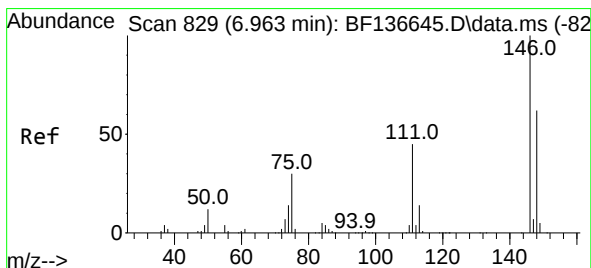
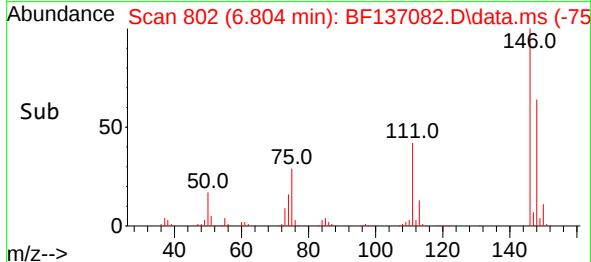
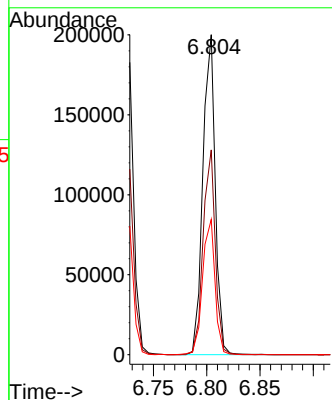
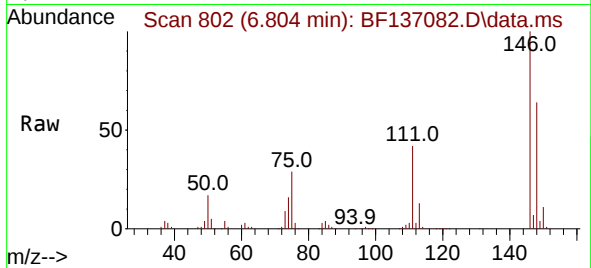




#13
1,4-Dichlorobenzene
Concen: 39.964 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

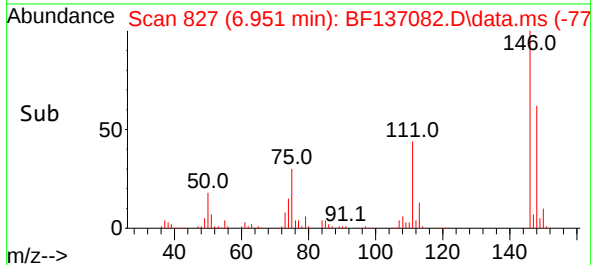
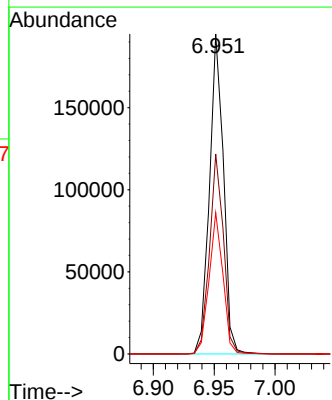
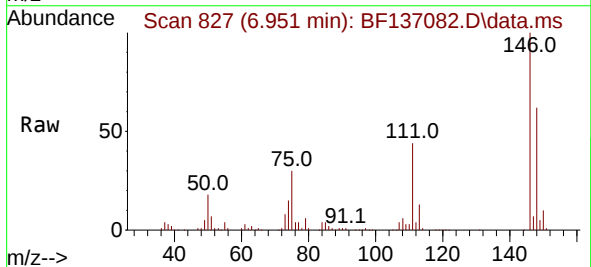
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:146 Resp: 162401
Ion Ratio Lower Upper
146 100
148 64.0 49.2 73.8
111 42.2 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 41.193 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:146 Resp: 155764
Ion Ratio Lower Upper
146 100
148 62.5 49.6 74.4
111 44.1 36.2 54.2

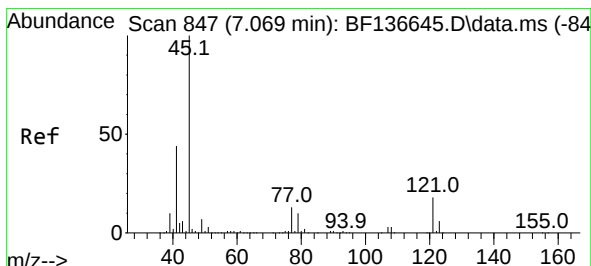
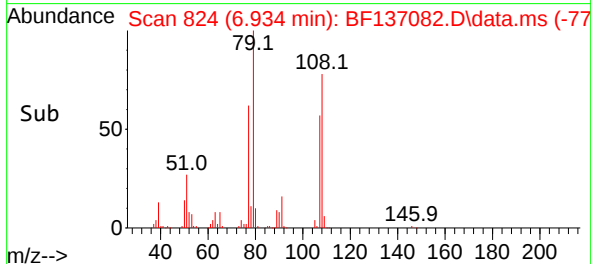
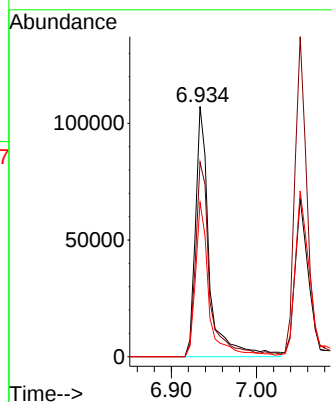
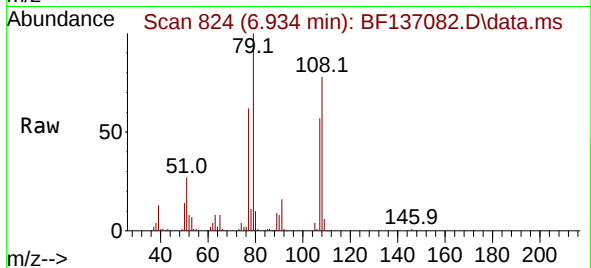




#15
Benzyl Alcohol
Concen: 41.616 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

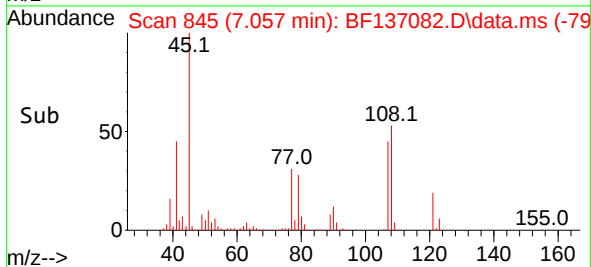
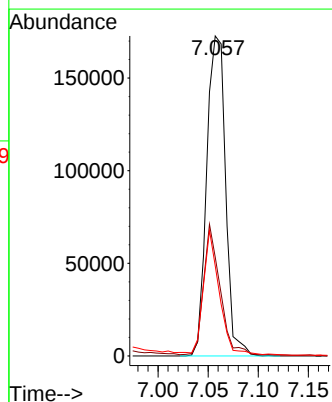
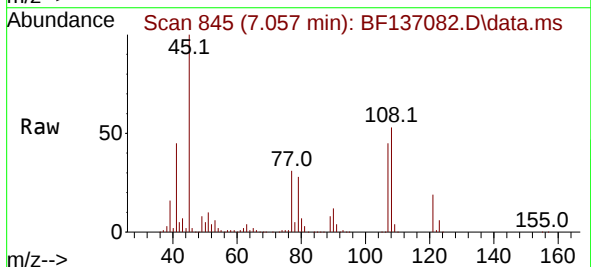
Instrument :
BNA_F
ClientSampleId :
IDOC-03

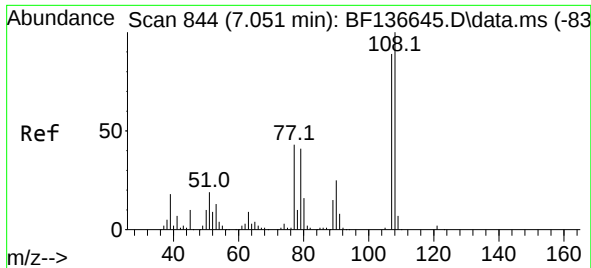
Tgt Ion: 79 Resp: 121197
Ion Ratio Lower Upper
79 100
108 77.8 61.0 91.6
77 61.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.513 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion: 45 Resp: 226392
Ion Ratio Lower Upper
45 100
77 30.9 0.0 34.3
79 28.2 0.0 31.4

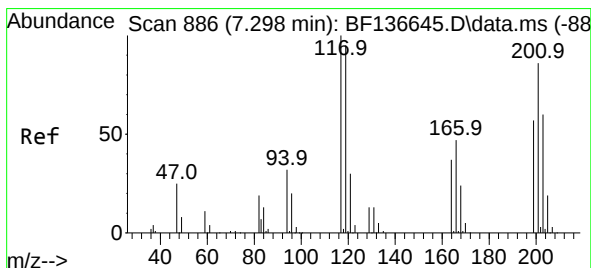
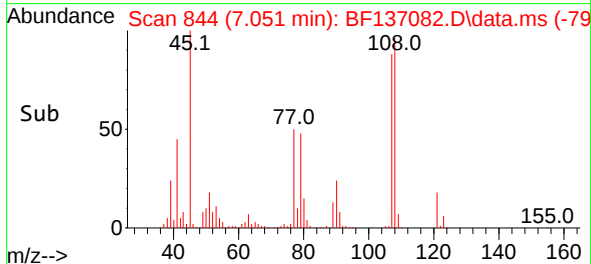
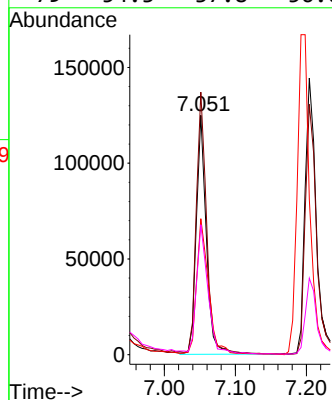
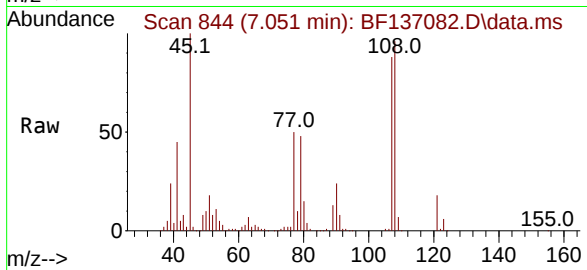




#17
2-Methylphenol
Concen: 40.603 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

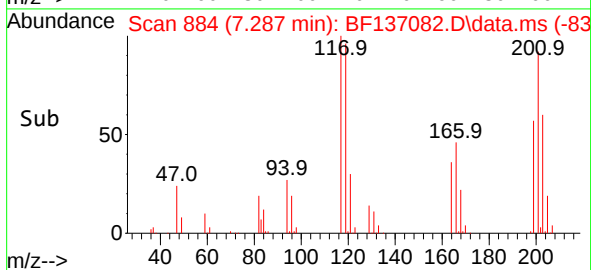
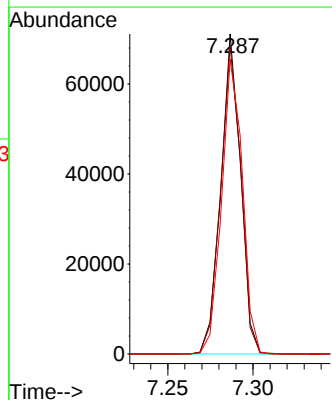
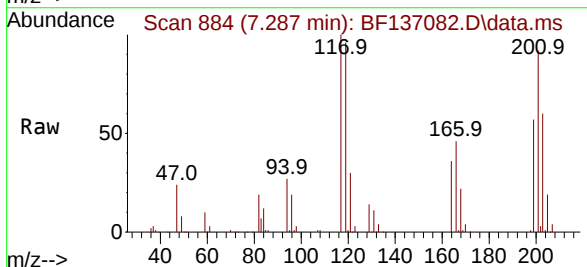
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:107 Resp: 122629
Ion Ratio Lower Upper
107 100
108 109.7 90.3 135.5
77 56.9 38.7 58.1
79 54.3 37.8 56.6



#18
Hexachloroethane
Concen: 38.933 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:117 Resp: 57457
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.6
201 92.2 69.1 103.7

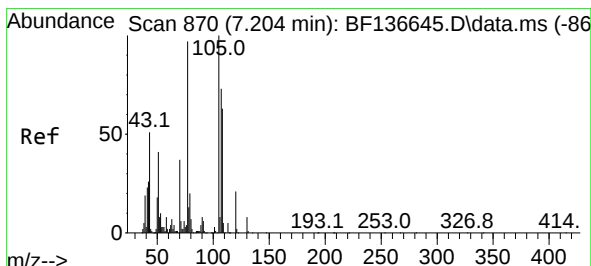
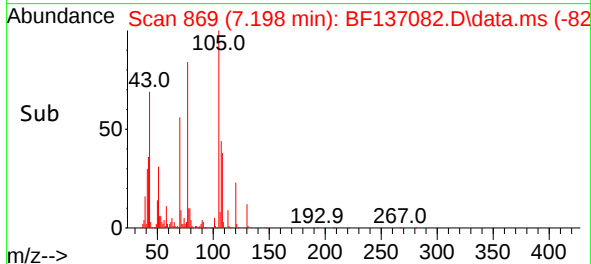
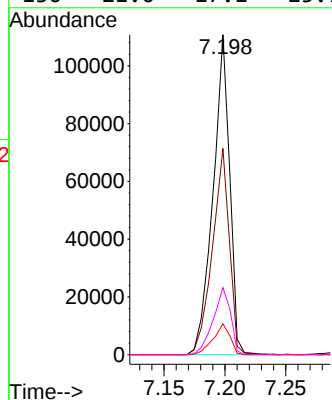
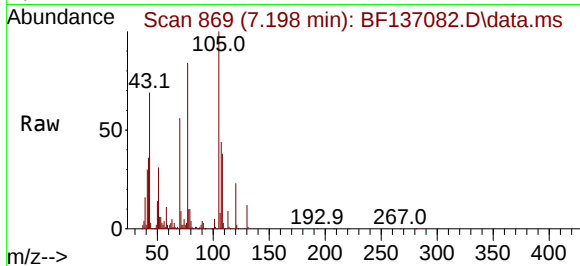




#19
n-Nitroso-di-n-propylamine
Concen: 40.240 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

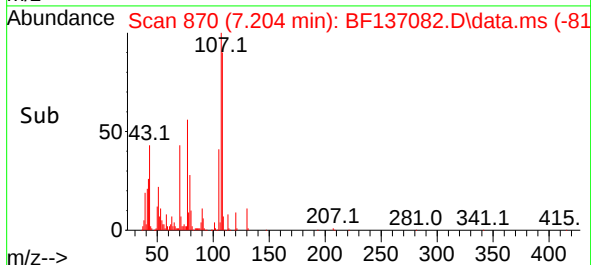
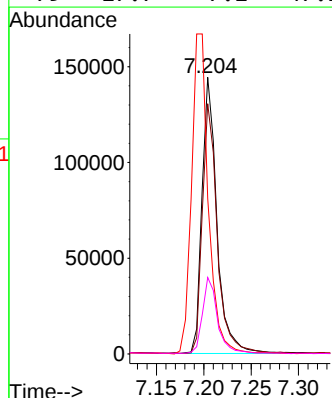
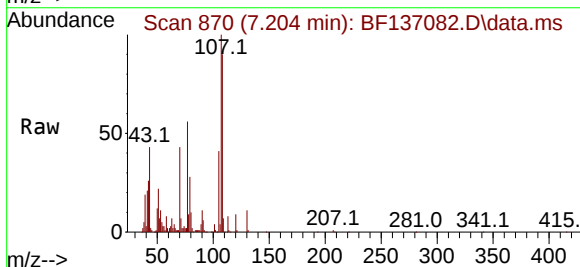
Instrument :
BNA_F
ClientSampleId :
IDOC-03

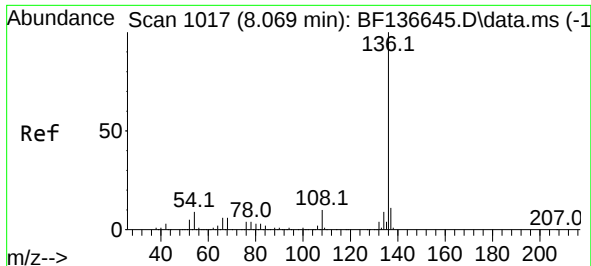
Tgt Ion: 70 Resp: 105300
Ion Ratio Lower Upper
70 100
42 64.5 54.2 81.4
101 9.6 7.6 11.4
130 21.0 17.1 25.7



#20
3+4-Methylphenols
Concen: 41.960 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion: 107 Resp: 158322
Ion Ratio Lower Upper
107 100
108 90.5 66.0 106.0
77 56.2 114.2 154.2#
79 27.7 7.2 47.2



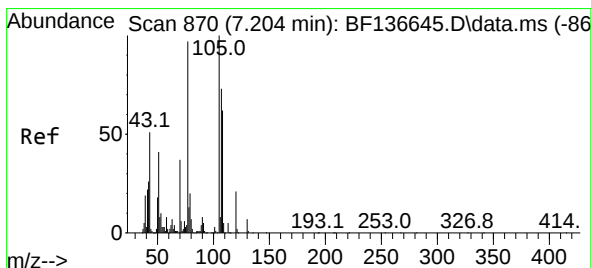
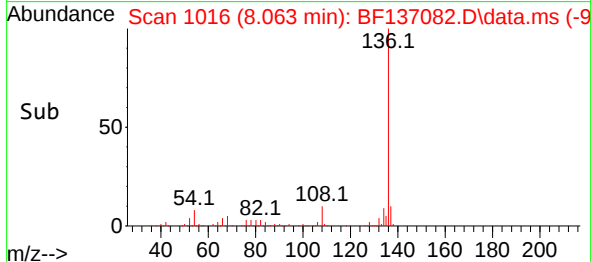
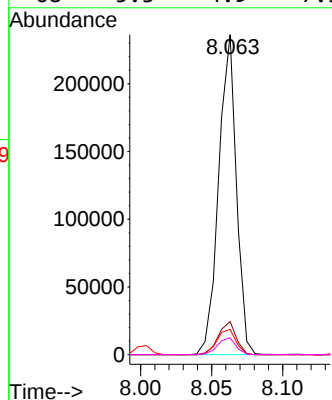
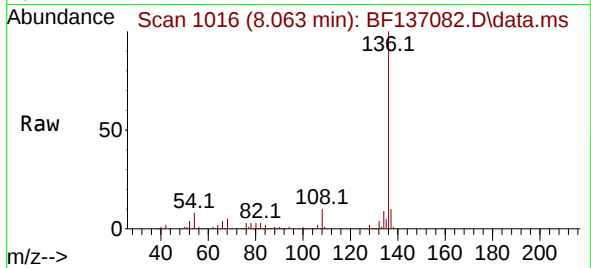


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:136 Resp: 204327

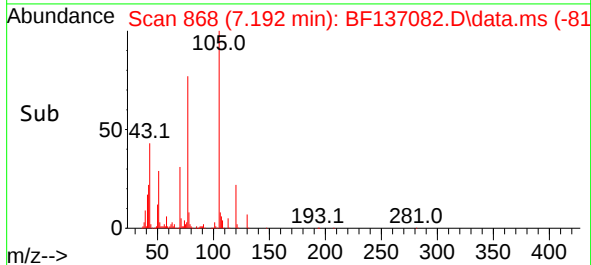
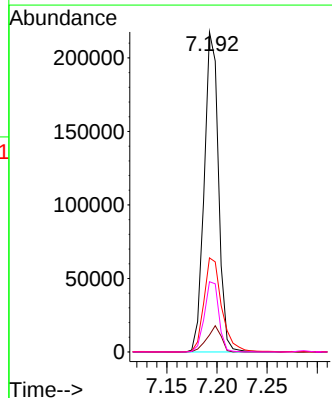
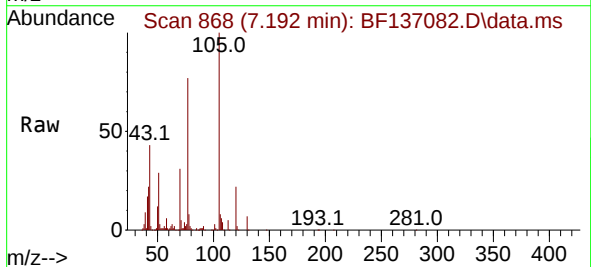
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	7.9	7.2	10.8
68	5.3	4.9	7.3

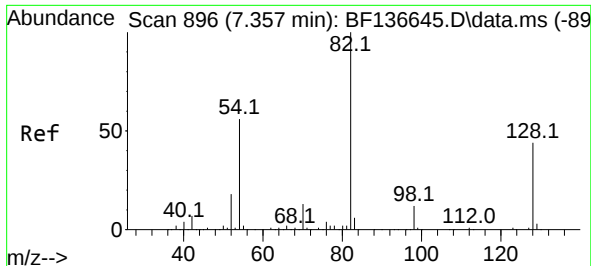


#22
Acetophenone
Concen: 42.253 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:105 Resp: 216395

Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.8	7.2
51	29.4	32.8	49.2#
120	22.0	17.0	25.6

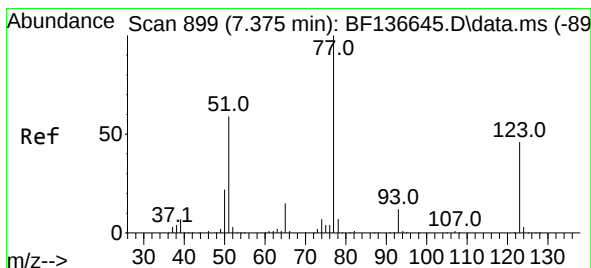
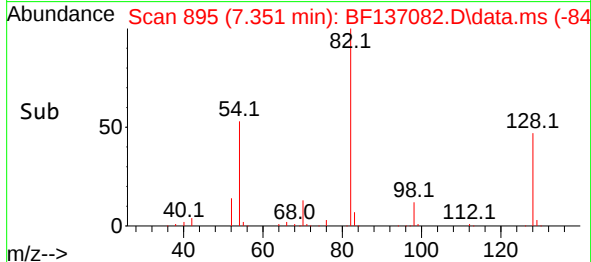
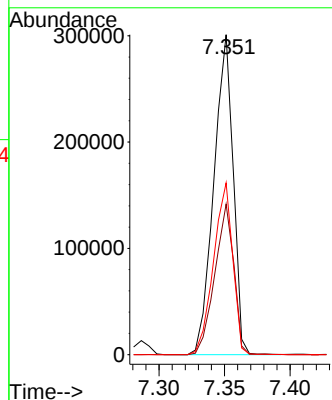
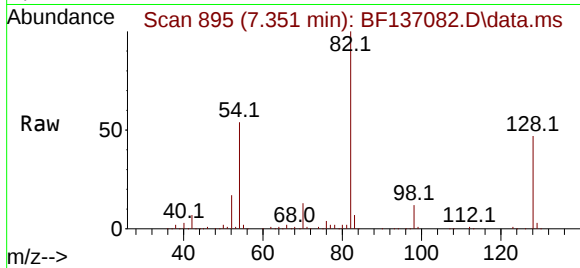




#23
Nitrobenzene-d5
Concen: 77.093 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

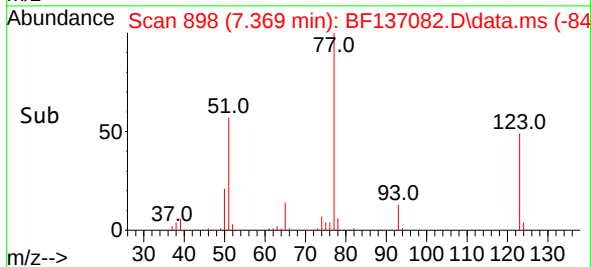
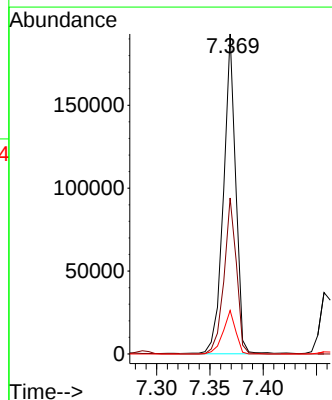
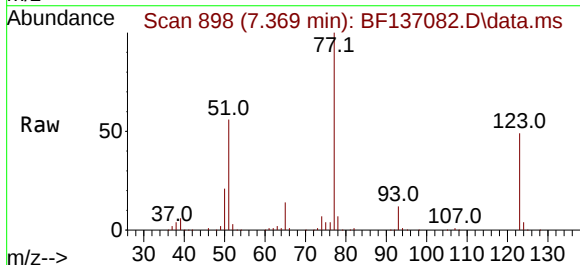
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion: 82 Resp: 307832
Ion Ratio Lower Upper
82 100
128 47.1 35.3 52.9
54 53.7 44.5 66.7



#24
Nitrobenzene
Concen: 38.444 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion: 77 Resp: 153774
Ion Ratio Lower Upper
77 100
123 48.7 36.7 55.1
65 13.6 11.8 17.6

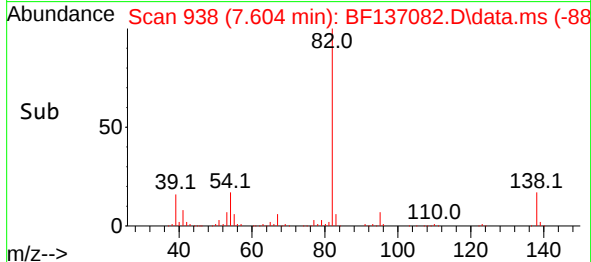
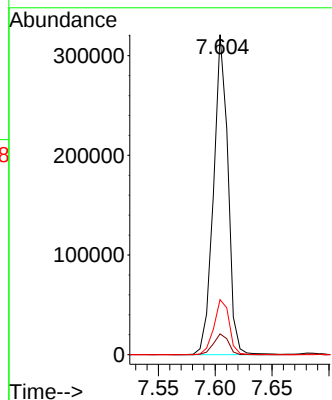
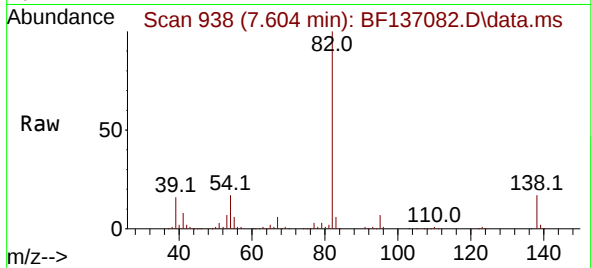




#25
Isophorone
Concen: 39.061 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

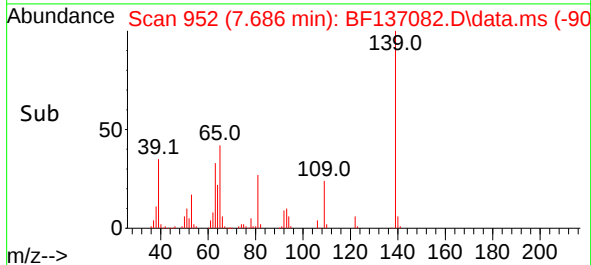
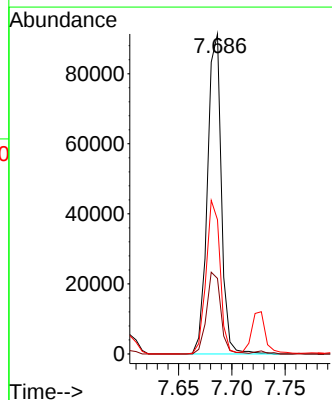
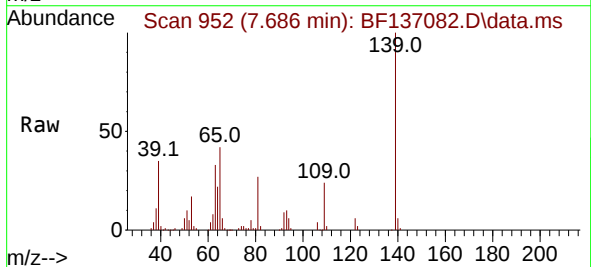
Instrument :
BNA_F
ClientSampleId :
IDOC-03

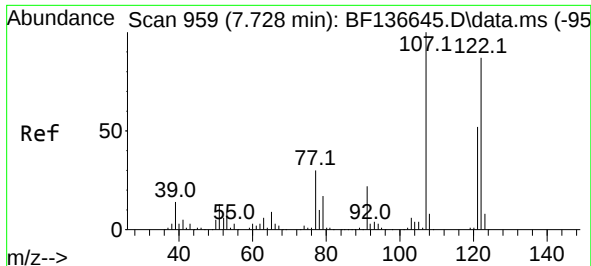
Tgt Ion: 82 Resp: 283806
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.2 14.5 21.7



#26
2-Nitrophenol
Concen: 43.469 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:139 Resp: 83189
Ion Ratio Lower Upper
139 100
109 23.6 21.9 32.9
65 42.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 51.217 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

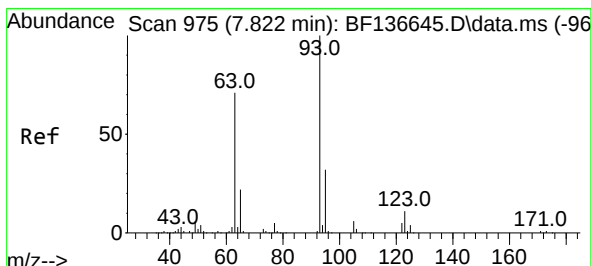
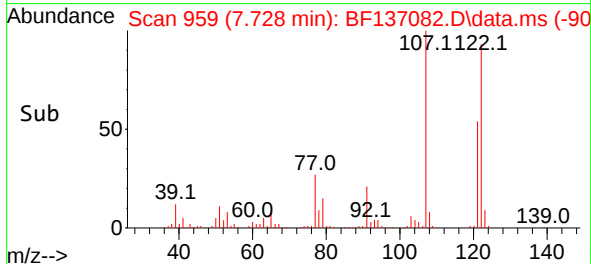
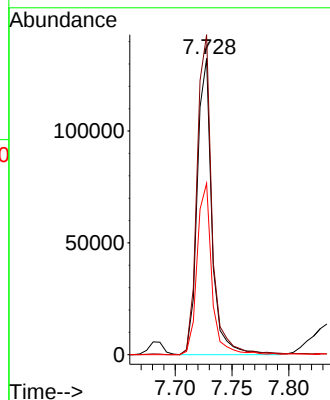
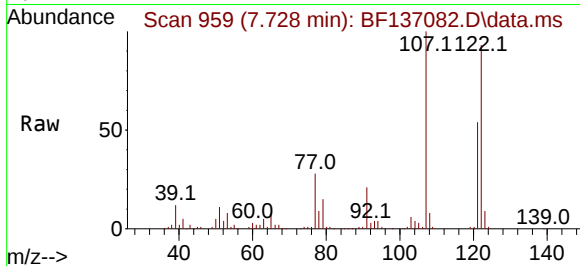
Tgt Ion:122 Resp: 119329

Ion Ratio Lower Upper

122 100

107 108.1 92.0 138.0

121 57.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.696 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

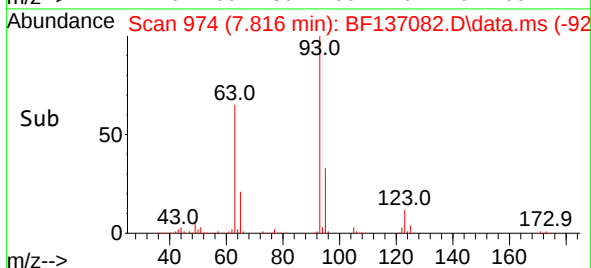
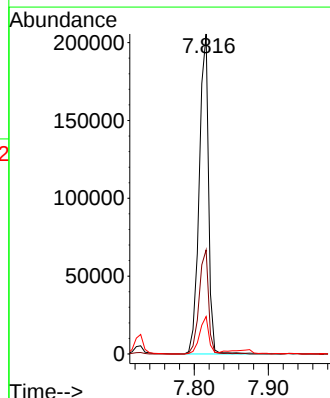
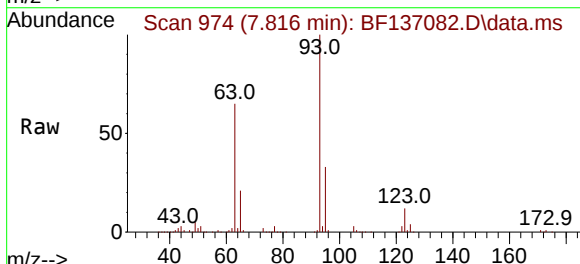
Tgt Ion: 93 Resp: 179734

Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.470 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

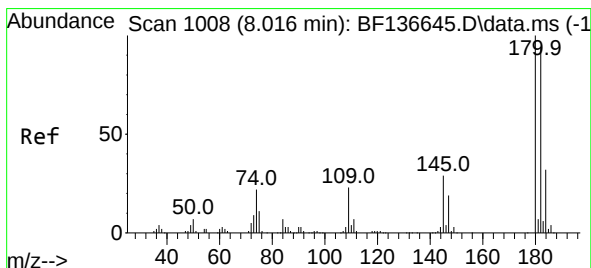
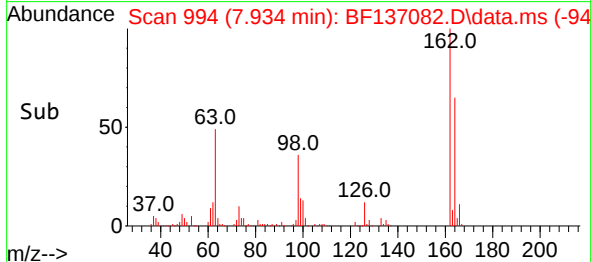
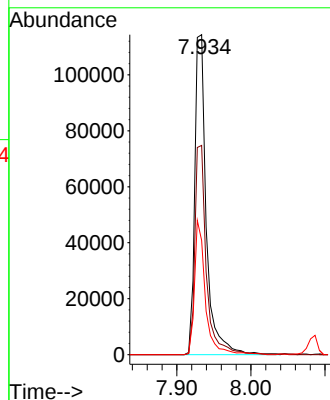
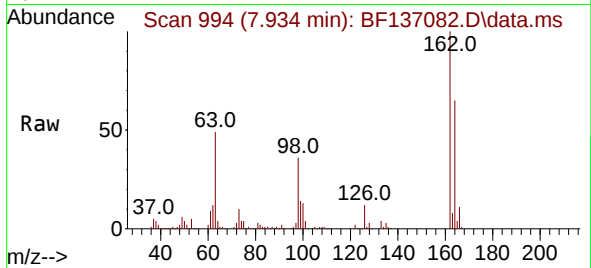
Tgt Ion:162 Resp: 124390

Ion Ratio Lower Upper

162 100

164 65.4 41.7 81.7

98 35.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 40.364 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

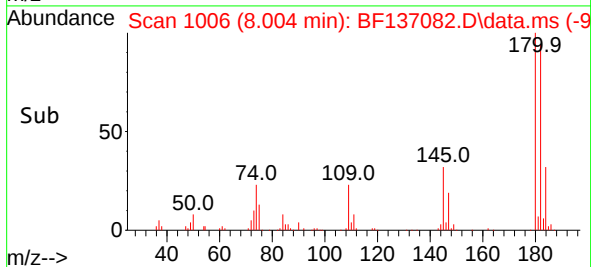
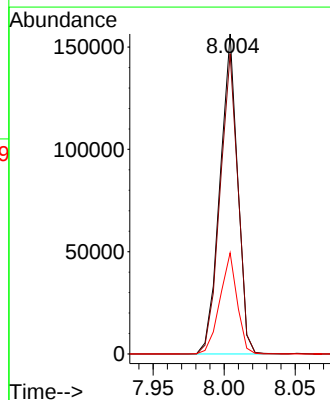
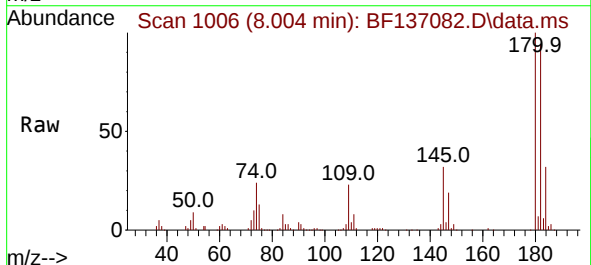
Tgt Ion:180 Resp: 134898

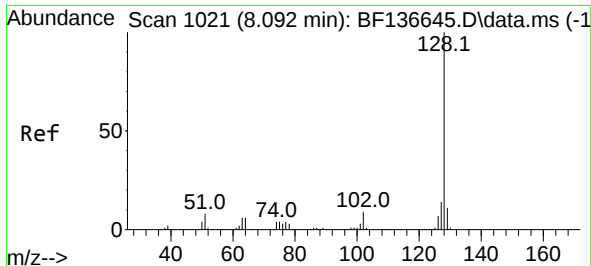
Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.0

145 31.6 23.1 34.7

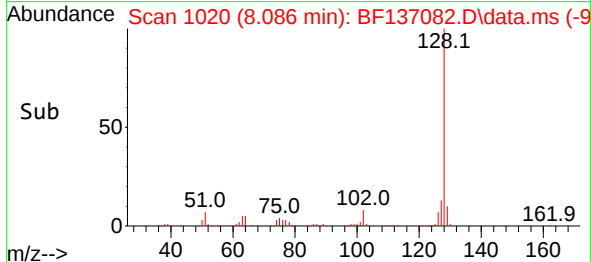
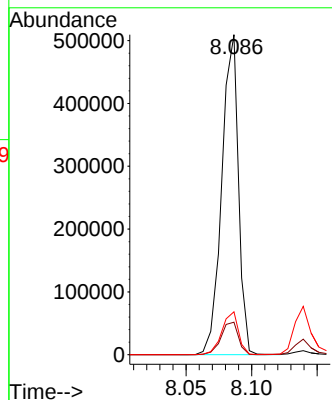
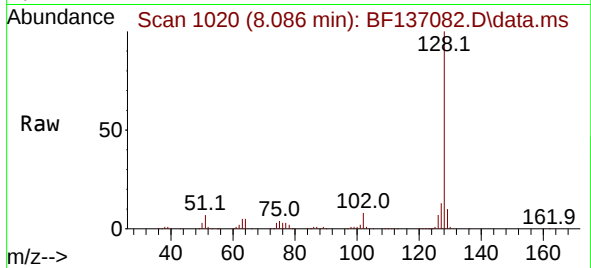




#31
Naphthalene
Concen: 40.029 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

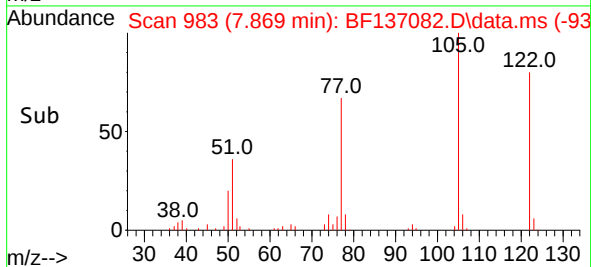
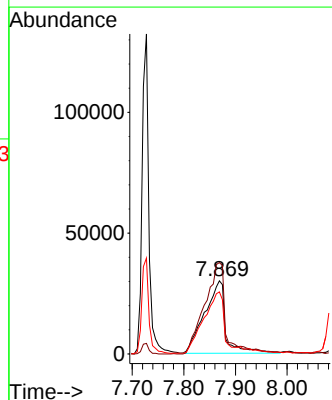
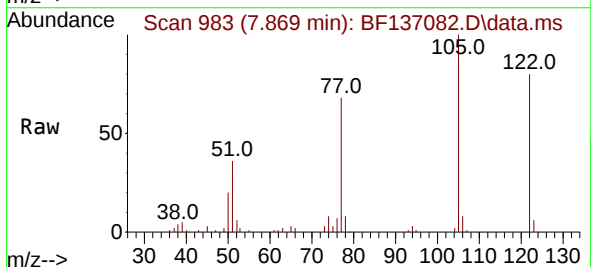
Instrument :
BNA_F
ClientSampleId :
IDOC-03

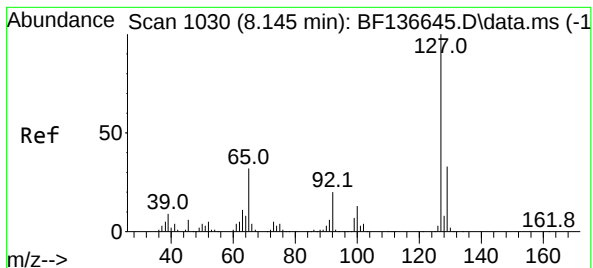
Tgt Ion:128 Resp: 449331
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 37.774 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:122 Resp: 85155
Ion Ratio Lower Upper
122 100
105 125.1 100.8 140.8
77 84.9 70.9 110.9





#33

4-Chloroaniline

Concen: 18.263 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

Tgt Ion:127 Resp: 75690

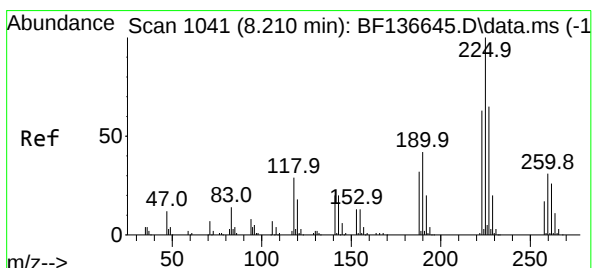
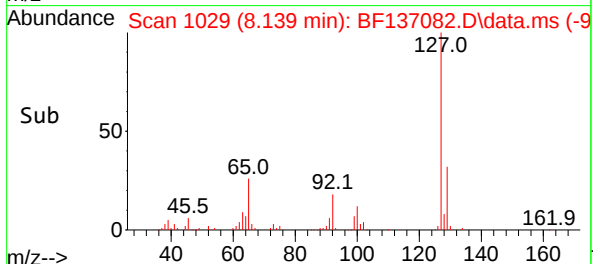
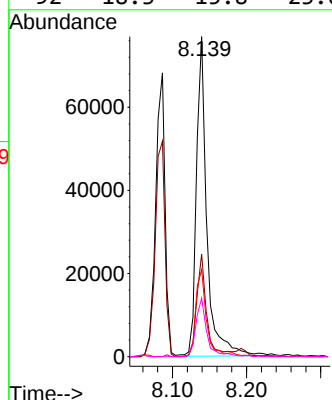
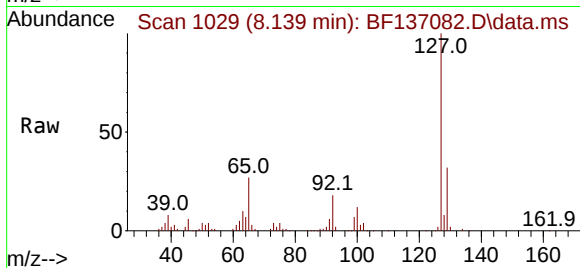
Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 27.2 25.8 38.8

92 18.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.202 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.018 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

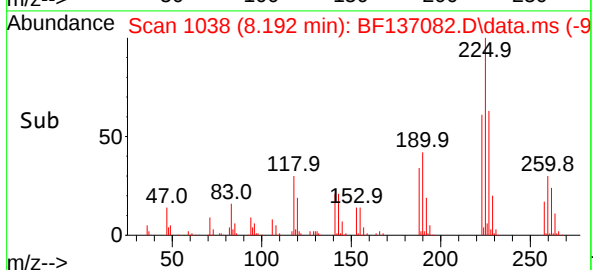
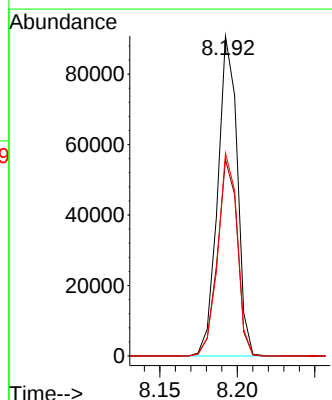
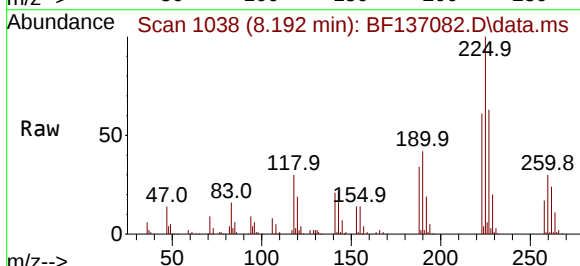
Tgt Ion:225 Resp: 79600

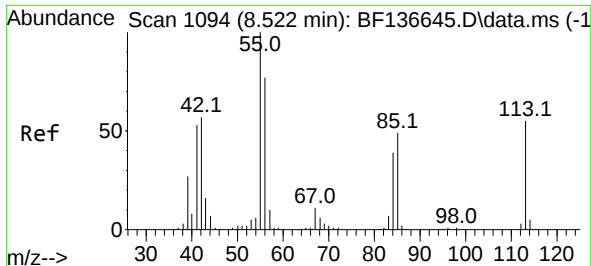
Ion Ratio Lower Upper

225 100

223 61.3 50.6 76.0

227 63.4 51.9 77.9

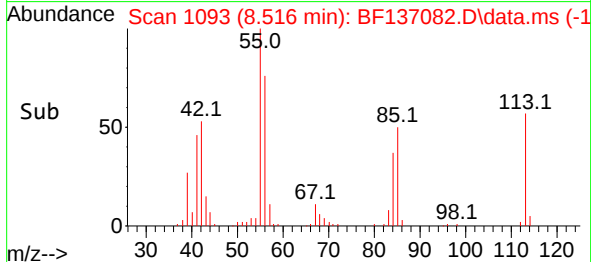
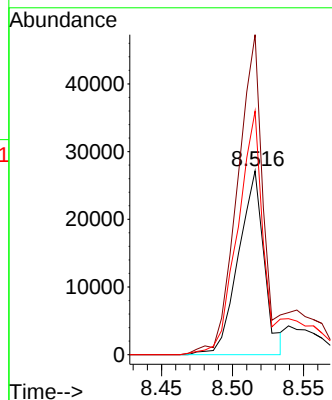
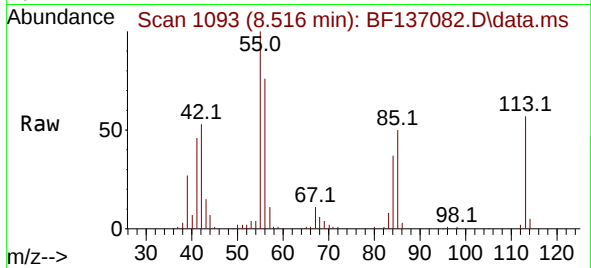




#35
Caprolactam
Concen: 34.513 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

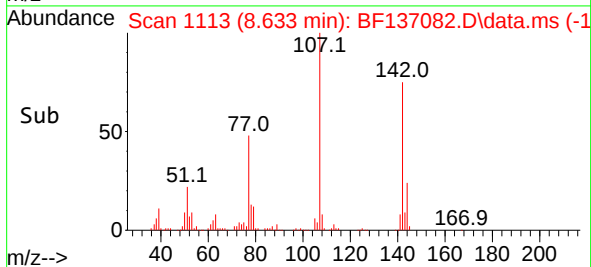
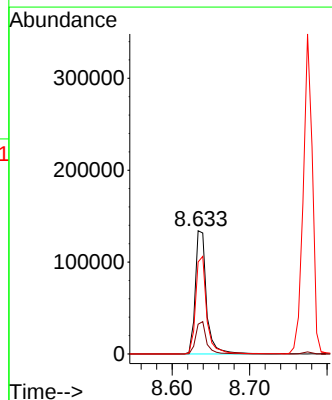
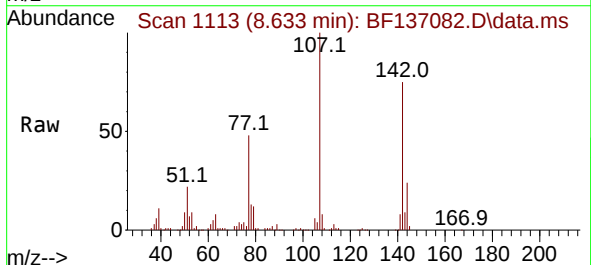
Instrument :
BNA_F
ClientSampleId :
IDOC-03

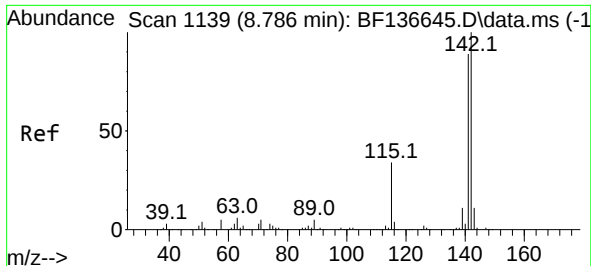
Tgt Ion:113 Resp: 34152
Ion Ratio Lower Upper
113 100
55 174.1 163.1 203.1
56 132.5 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 39.887 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:107 Resp: 134692
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.2
142 74.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.684 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

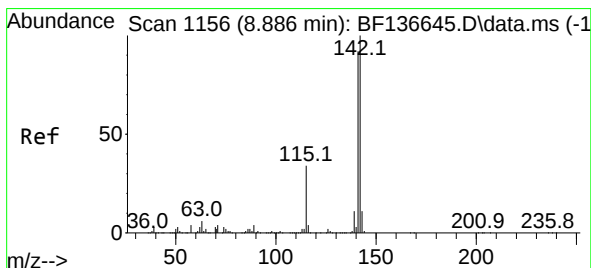
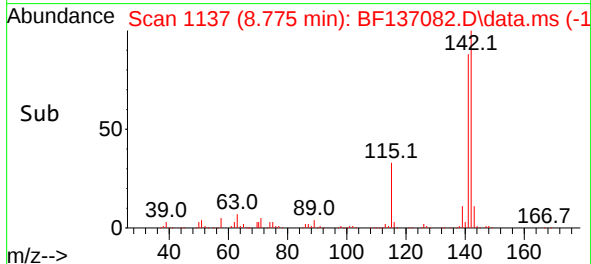
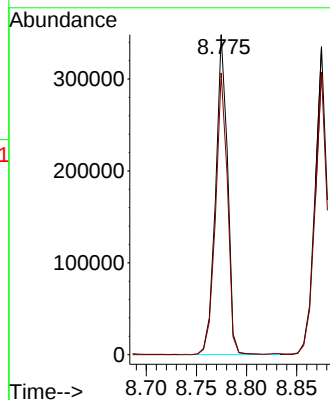
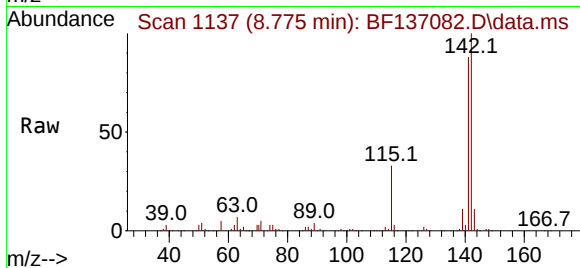
IDOC-03

Tgt Ion:142 Resp: 286688

Ion Ratio Lower Upper

142 100

141 88.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.589 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137082.D

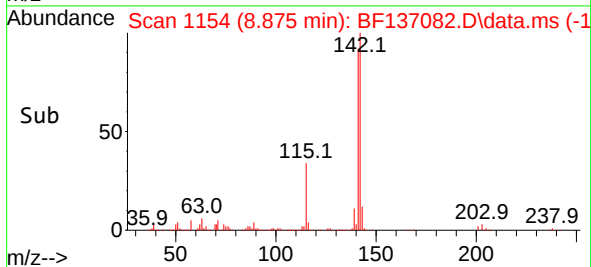
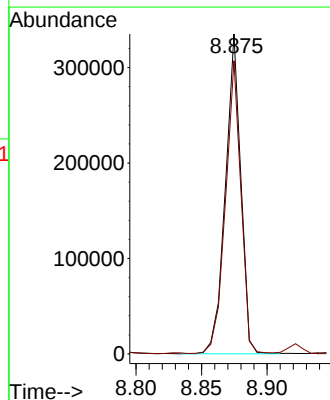
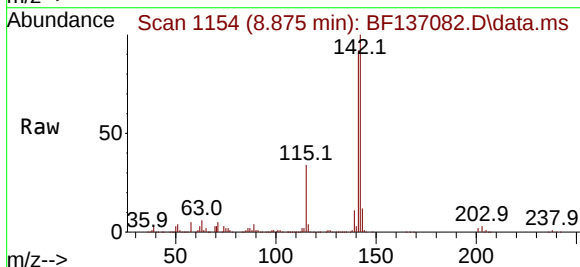
Acq: 16 Jan 2024 16:36

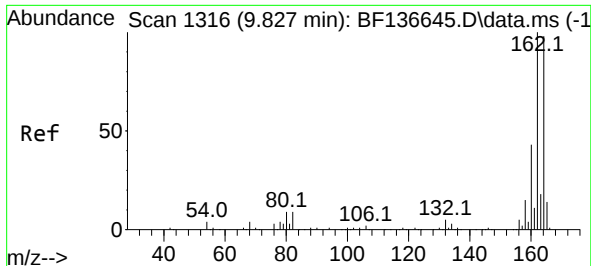
Tgt Ion:142 Resp: 273503

Ion Ratio Lower Upper

142 100

141 91.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

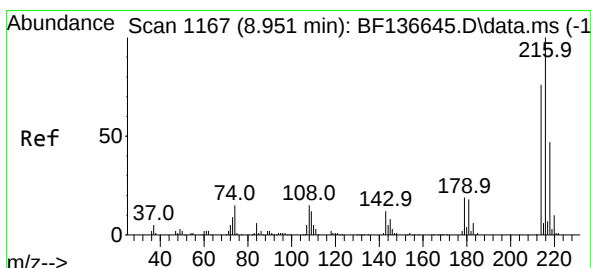
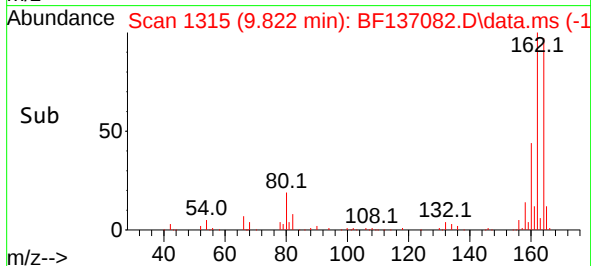
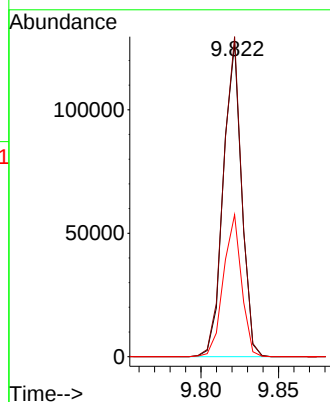
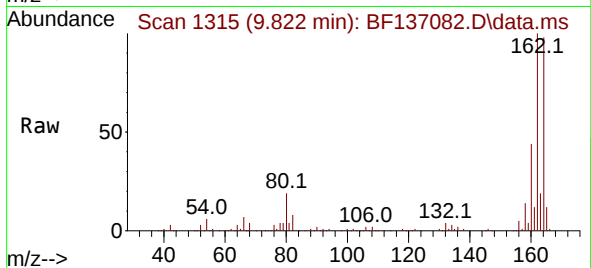
Tgt Ion:164 Resp: 104372

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 45.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.557 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Tgt Ion:216 Resp: 140792

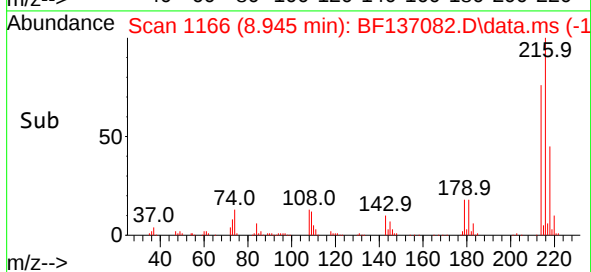
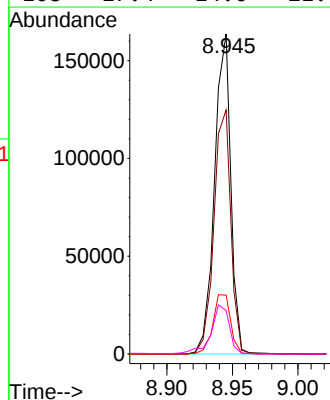
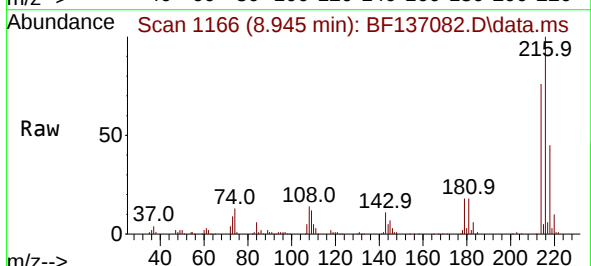
Ion Ratio Lower Upper

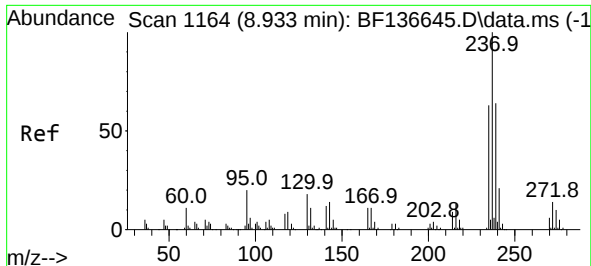
216 100

214 79.5 62.3 93.5

179 20.2 16.4 24.6

108 17.4 14.0 21.0

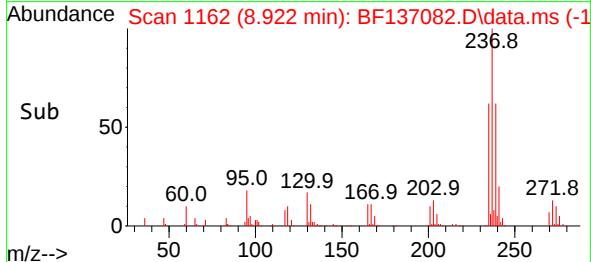
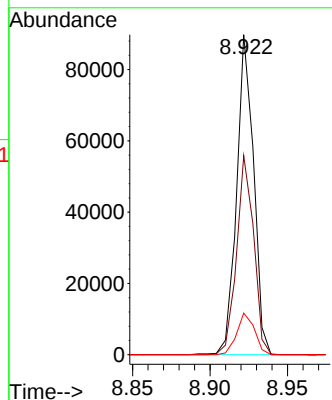
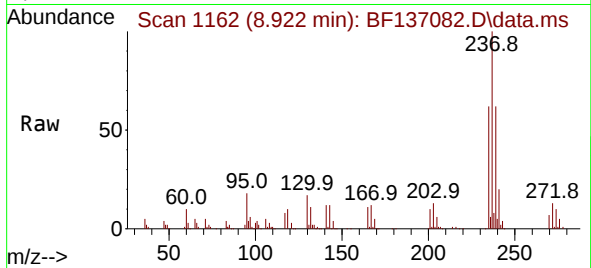




#41
Hexachlorocyclopentadiene
Concen: 67.100 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

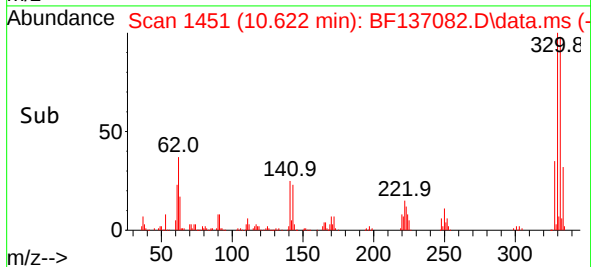
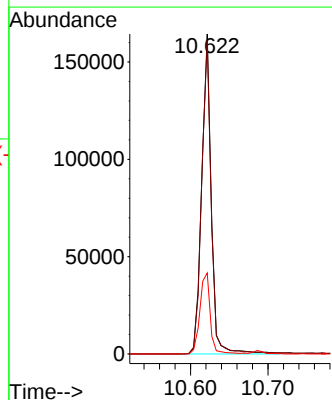
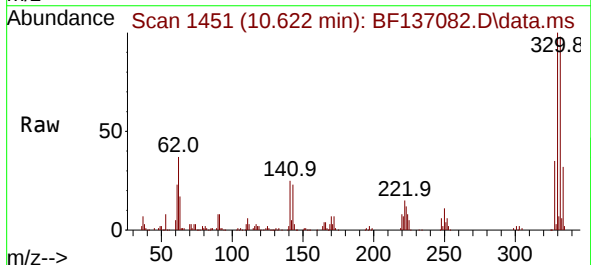
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:237 Resp: 68287
Ion Ratio Lower Upper
237 100
235 62.2 43.2 83.2
272 13.0 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 115.091 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:330 Resp: 141471
Ion Ratio Lower Upper
330 100
332 98.7 77.4 116.0
141 27.1 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.133 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

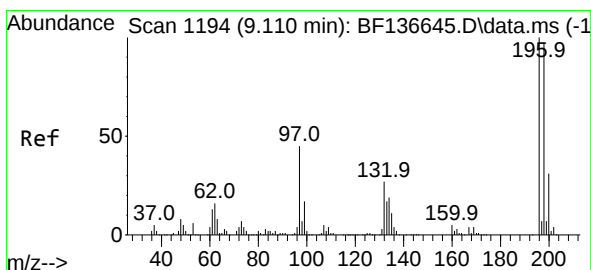
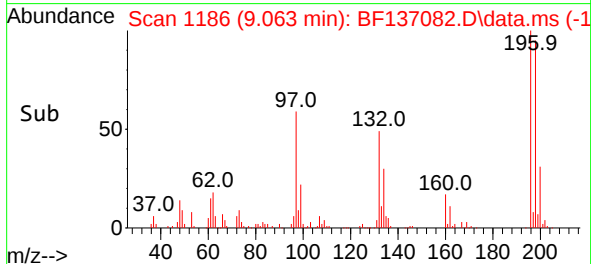
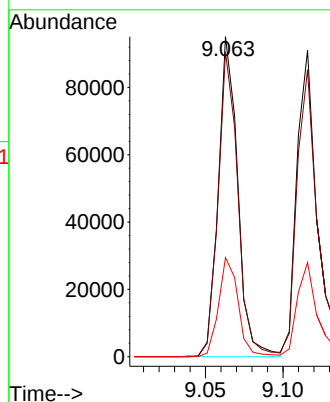
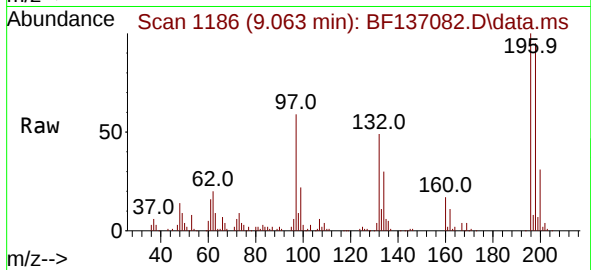
Tgt Ion:196 Resp: 83194

Ion Ratio Lower Upper

196 100

198 95.3 75.1 112.7

200 31.0 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 38.842 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Tgt Ion:196 Resp: 89727

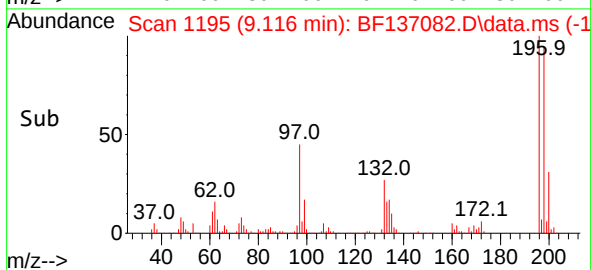
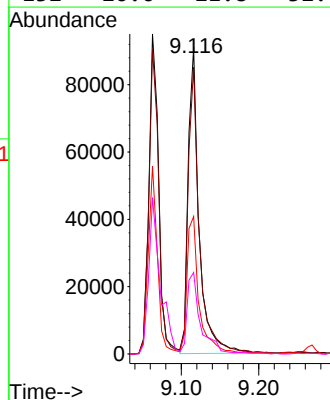
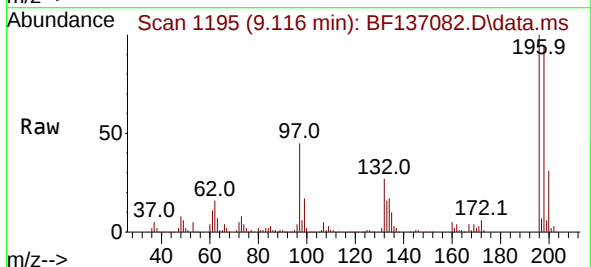
Ion Ratio Lower Upper

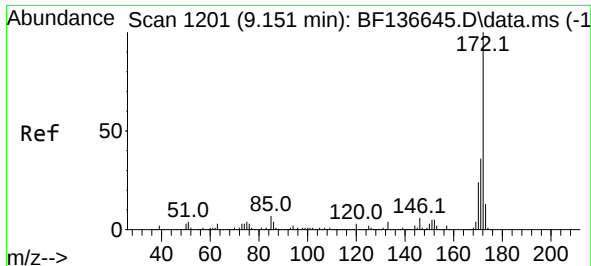
196 100

198 93.6 77.0 115.6

97 44.8 36.1 54.1

132 26.6 21.8 32.6

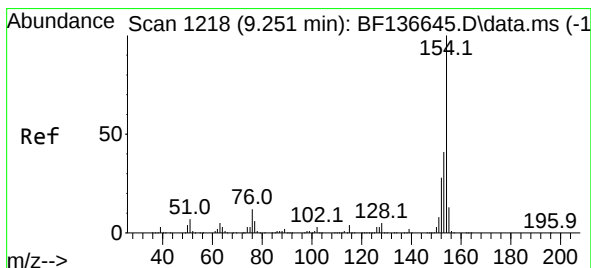
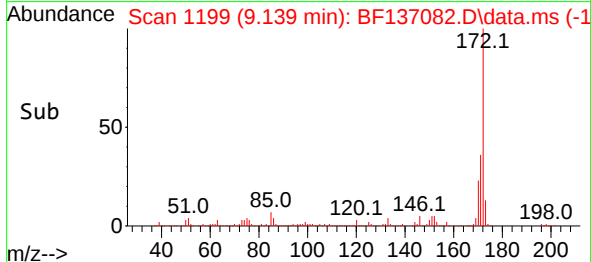
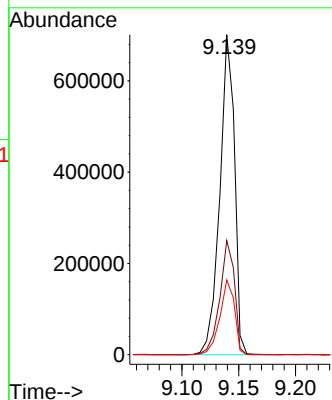
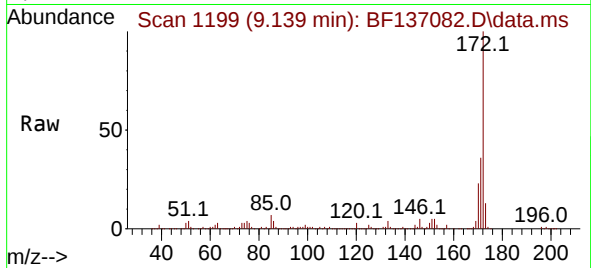




#45
2-Fluorobiphenyl
Concen: 81.787 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

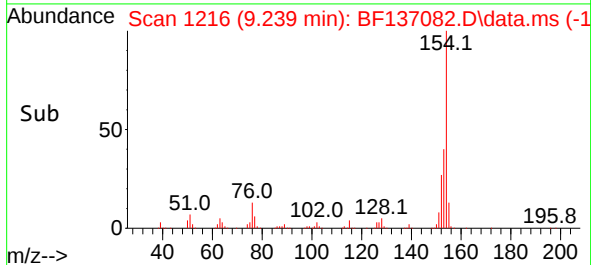
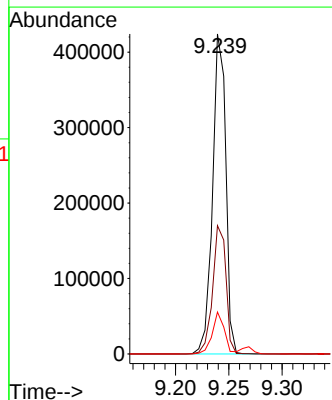
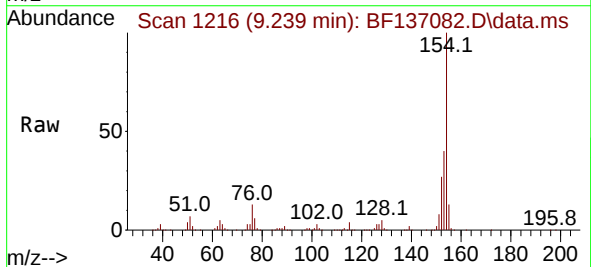
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:172 Resp: 634671
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.762 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:154 Resp: 365765
Ion Ratio Lower Upper
154 100
153 40.1 21.1 61.1
76 13.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.858 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

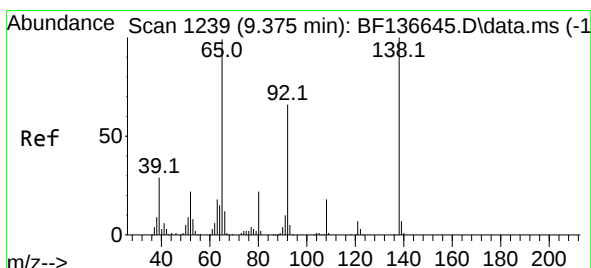
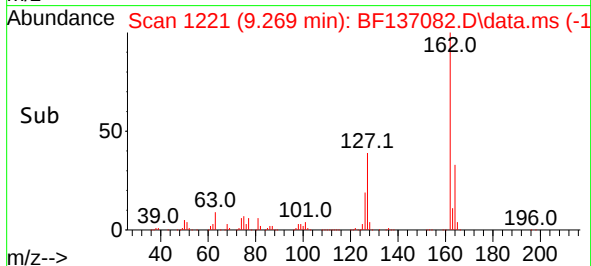
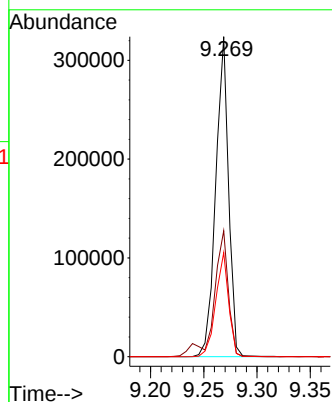
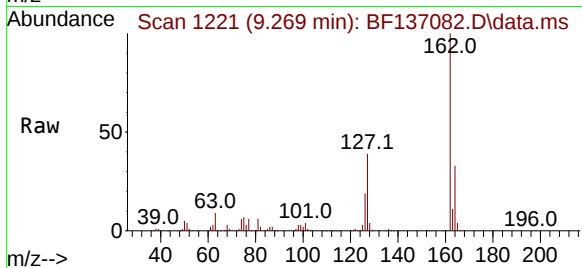
Tgt Ion:162 Resp: 272046

Ion Ratio Lower Upper

162 100

127 39.3 33.6 50.4

164 32.5 25.7 38.5



#48

2-Nitroaniline

Concen: 40.299 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

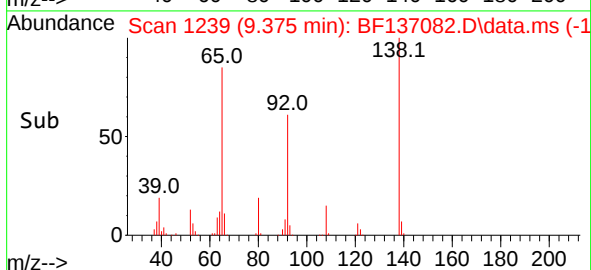
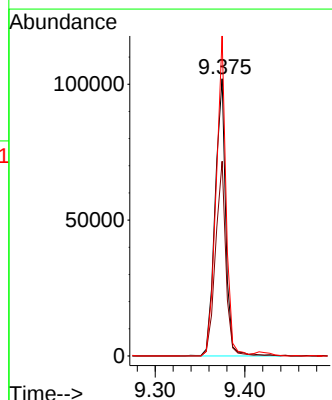
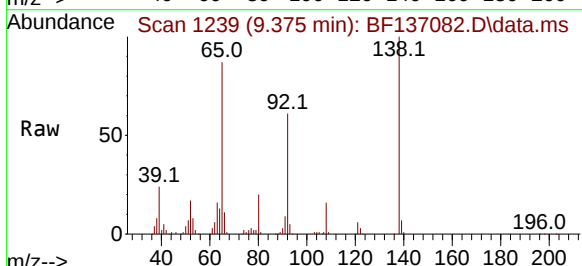
Tgt Ion: 65 Resp: 84025

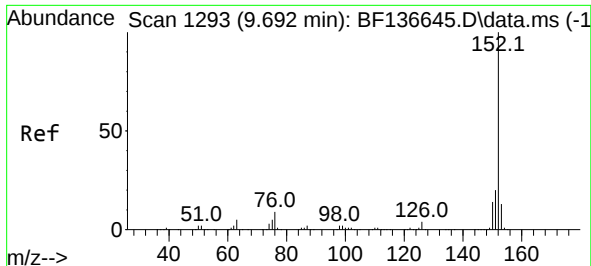
Ion Ratio Lower Upper

65 100

92 70.2 53.2 79.8

138 115.4 81.1 121.7





#49

Acenaphthylene

Concen: 44.315 ng

RT: 9.680 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

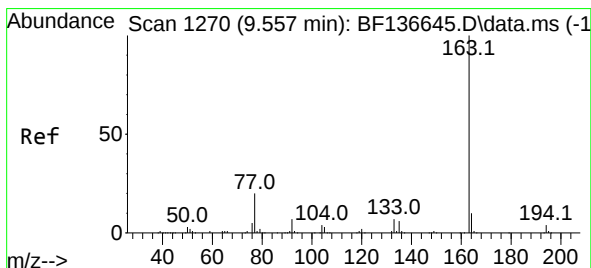
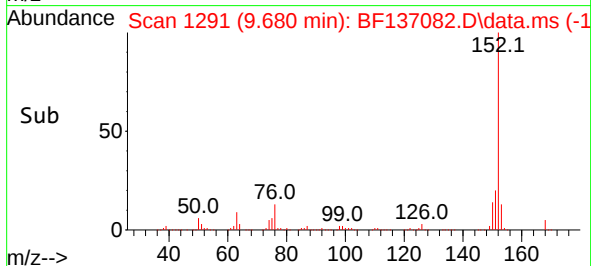
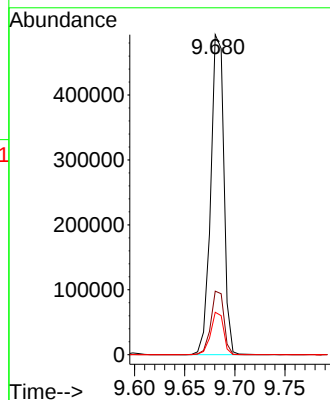
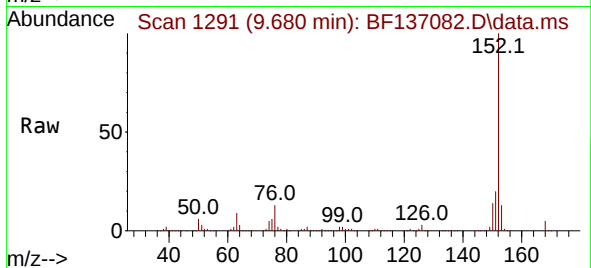
Tgt Ion:152 Resp: 451002

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 13.2 10.2 15.2



#50

Dimethylphthalate

Concen: 40.981 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

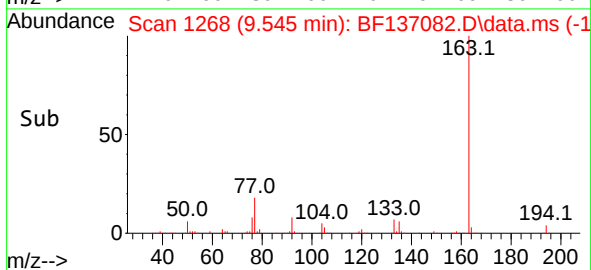
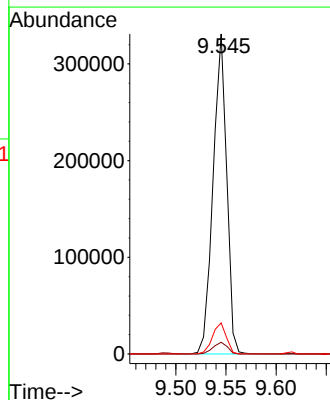
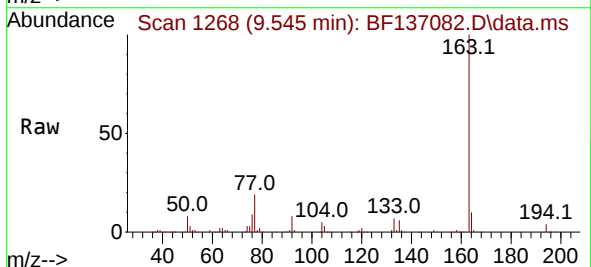
Tgt Ion:163 Resp: 312422

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 9.7 7.8 11.6

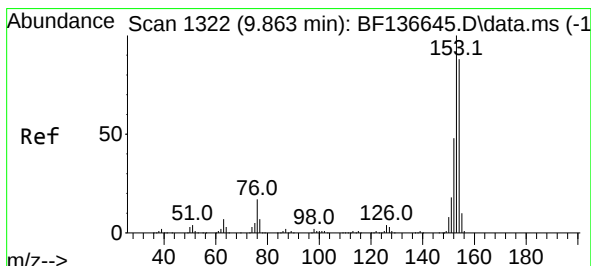
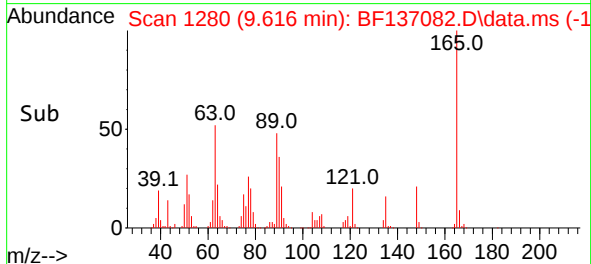
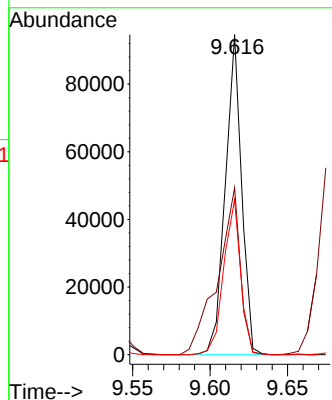
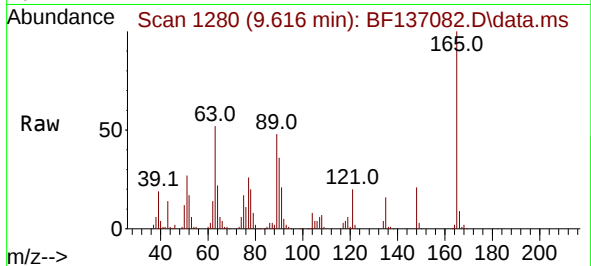




#51
2,6-Dinitrotoluene
Concen: 40.022 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

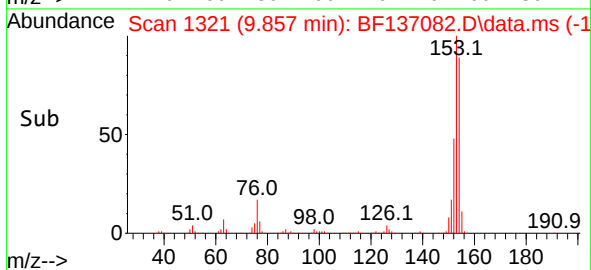
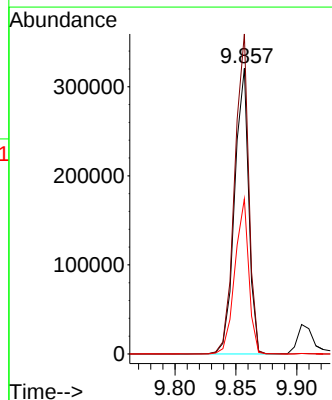
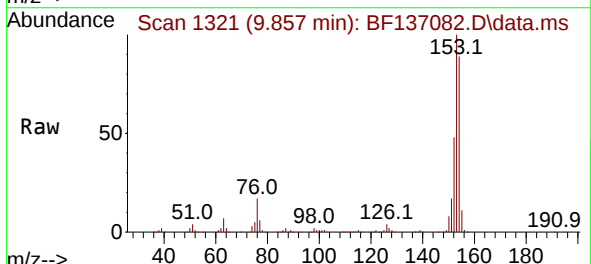
Instrument :
BNA_F
ClientSampleId :
IDOC-03

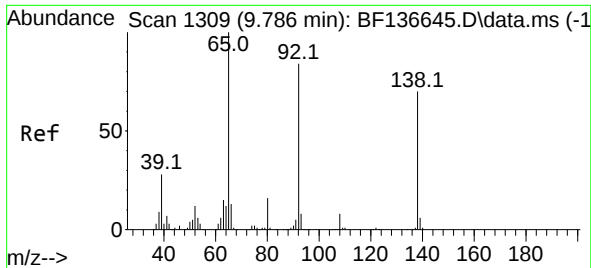
Tgt Ion:165 Resp: 69246
Ion Ratio Lower Upper
165 100
63 52.2 39.8 59.6
89 48.4 38.8 58.2



#52
Acenaphthene
Concen: 40.918 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:154 Resp: 258135
Ion Ratio Lower Upper
154 100
153 112.0 90.7 136.1
152 54.3 43.7 65.5

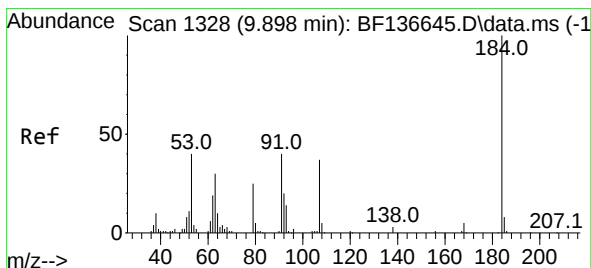
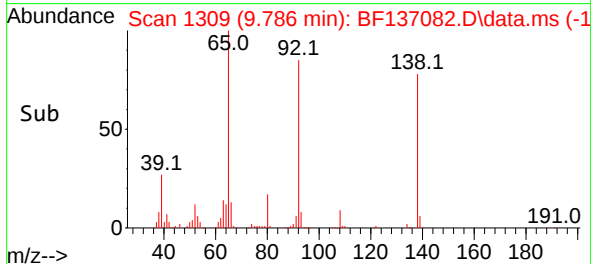
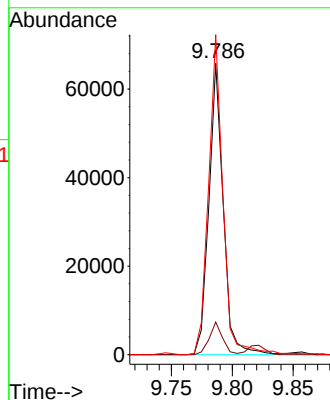
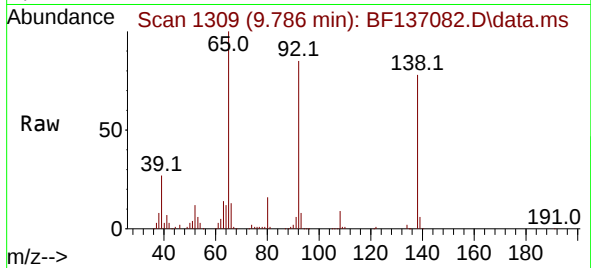




#53
3-Nitroaniline
Concen: 29.369 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

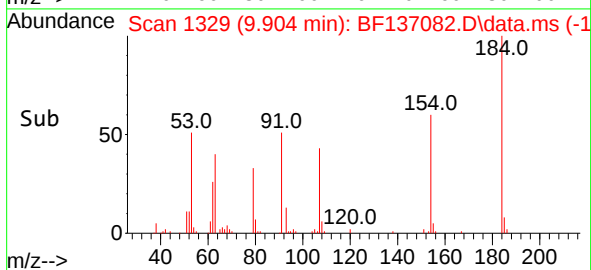
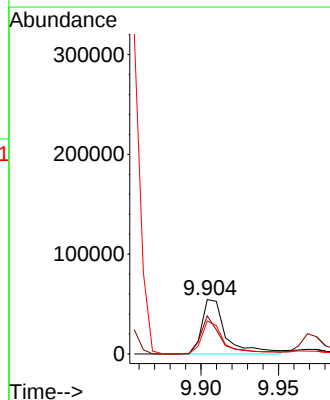
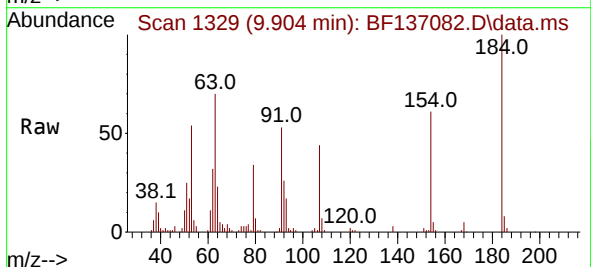
Instrument :
BNA_F
ClientSampleId :
IDOC-03

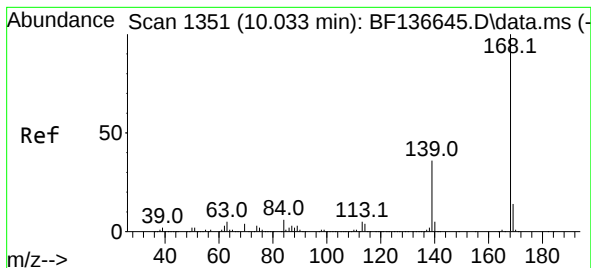
Tgt Ion:138 Resp: 53827
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 109.8 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 62.966 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:184 Resp: 59578
Ion Ratio Lower Upper
184 100
63 69.8 40.9 61.3#
154 60.6 42.7 64.1





#55

Dibenzenofuran

Concen: 40.959 ng

RT: 10.028 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

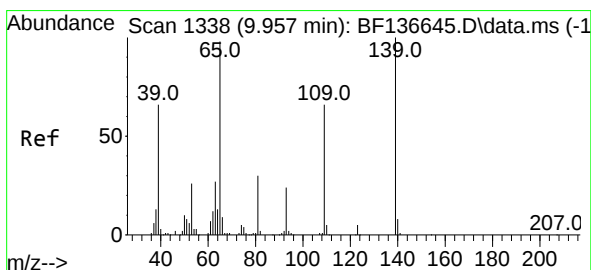
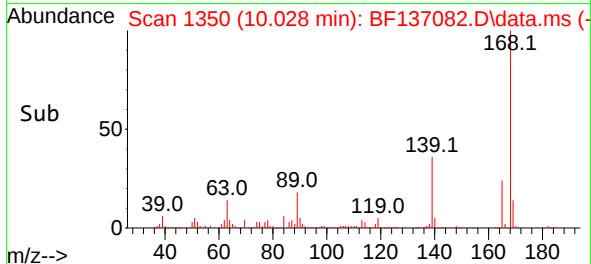
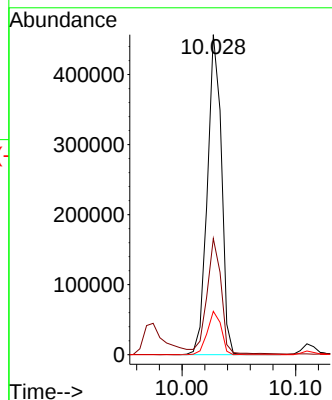
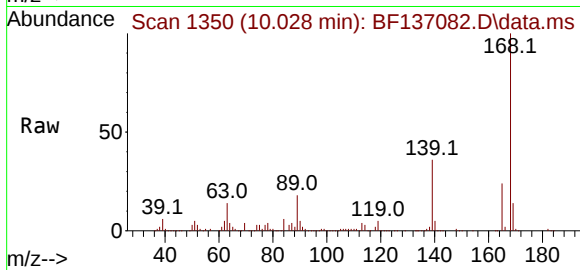
Tgt Ion:168 Resp: 391688

Ion Ratio Lower Upper

168 100

139 36.3 29.3 43.9

169 13.5 11.0 16.4



#56

4-Nitrophenol

Concen: 49.780 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

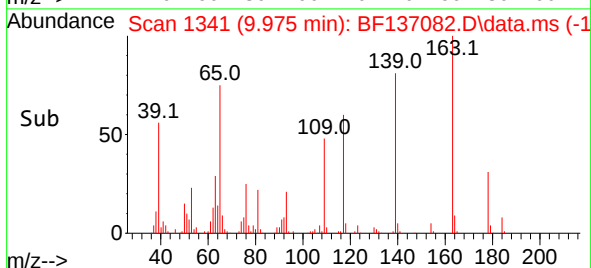
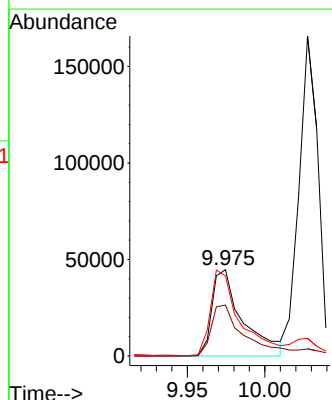
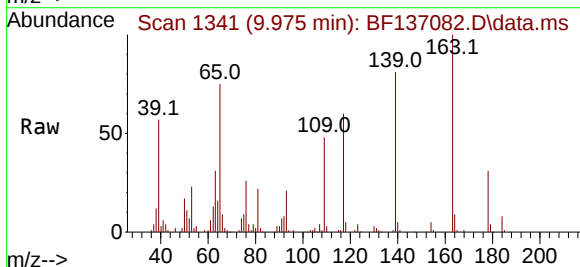
Tgt Ion:139 Resp: 61590

Ion Ratio Lower Upper

139 100

109 59.0 45.8 85.8

65 92.8 77.8 117.8

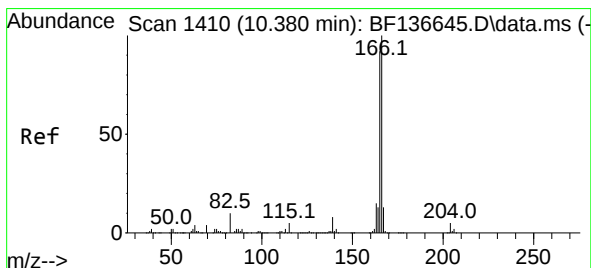
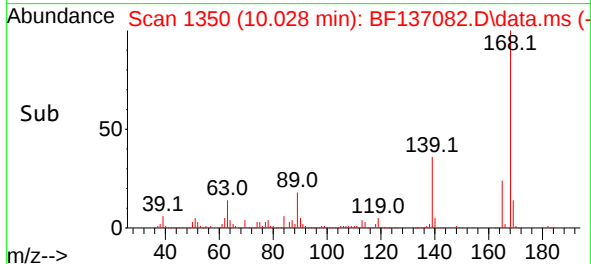
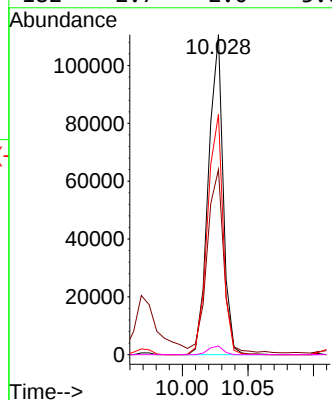
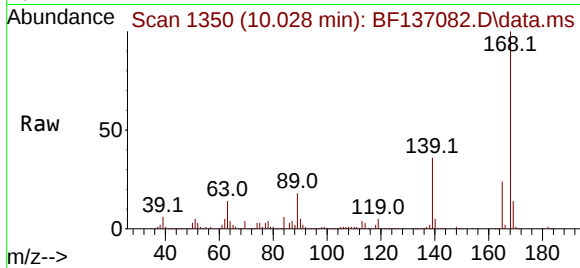




#57
2,4-Dinitrotoluene
Concen: 38.506 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

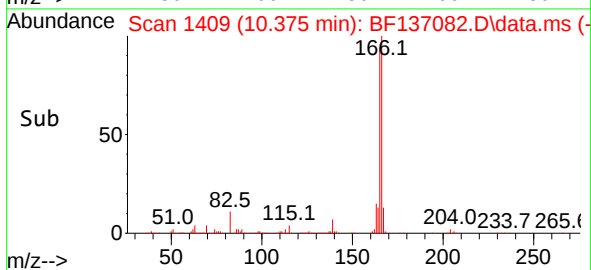
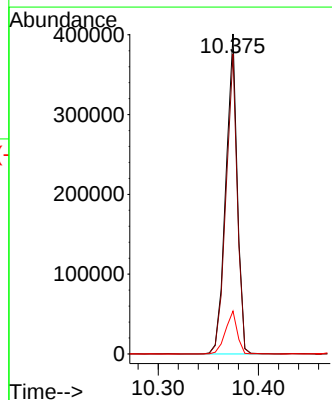
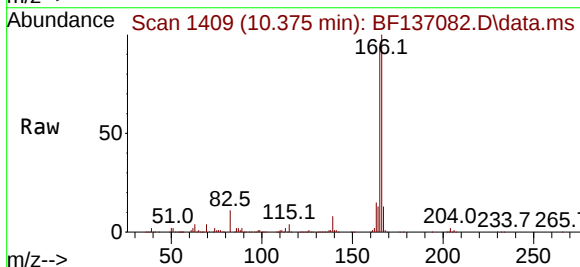
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:165 Resp: 86489
Ion Ratio Lower Upper
165 100
63 57.8 41.0 61.6
89 75.1 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 41.785 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:166 Resp: 317061
Ion Ratio Lower Upper
166 100
165 93.8 73.7 110.5
167 13.4 10.4 15.6

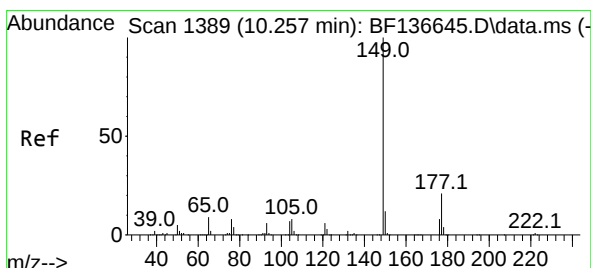
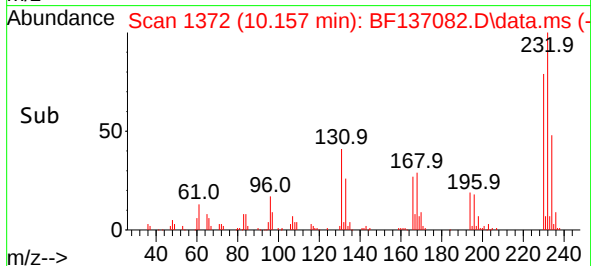
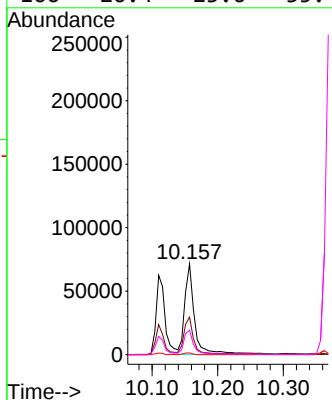
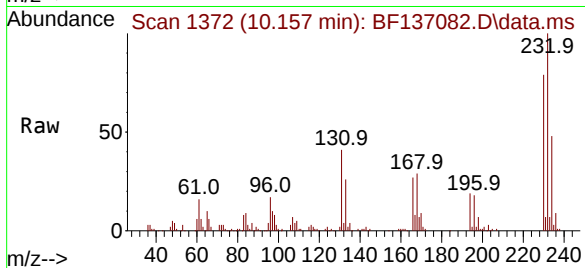




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.402 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

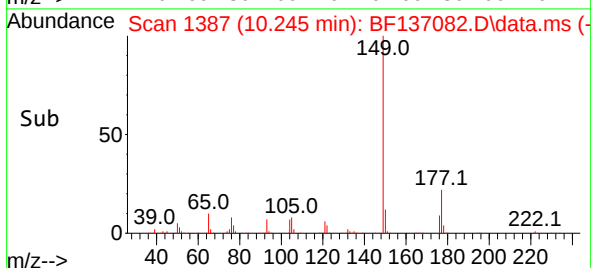
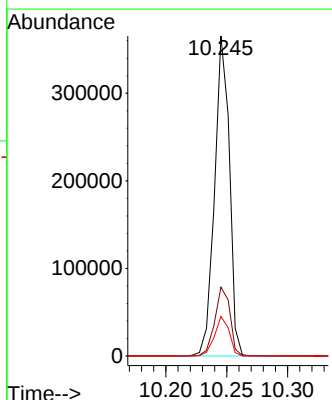
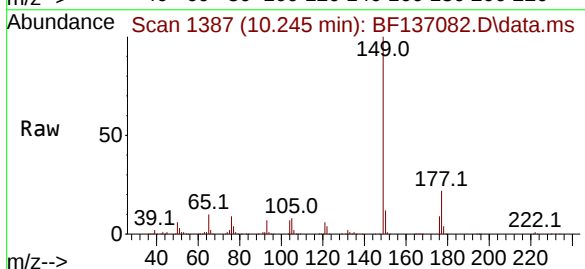
Instrument :
BNA_F
ClientSampleId :
IDOC-03

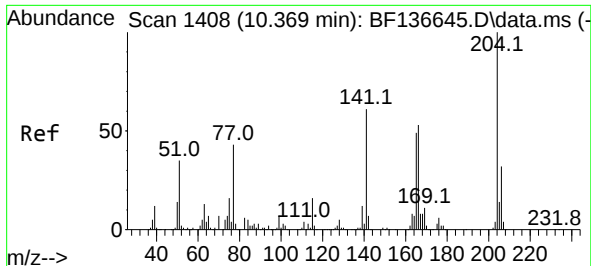
Tgt Ion:232 Resp: 73621
Ion Ratio Lower Upper
232 100
131 41.6 35.1 52.7
130 1.8 1.6 2.4
166 26.4 23.6 35.4



#60
Diethylphthalate
Concen: 39.121 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:149 Resp: 309443
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.4 9.3 13.9

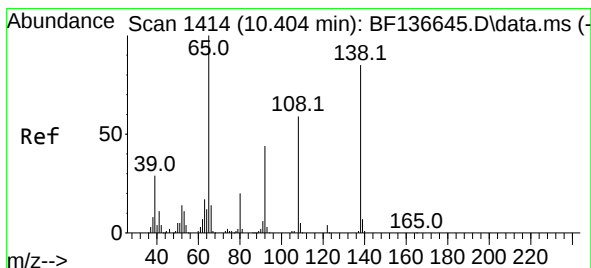
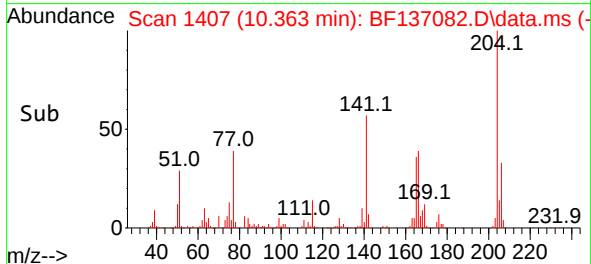
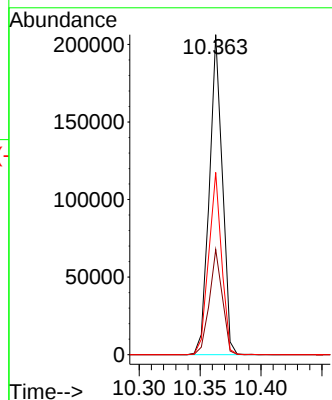
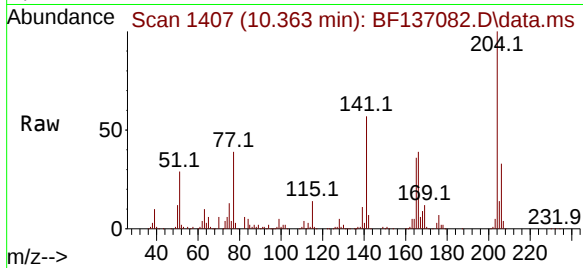




#61
4-Chlorophenyl-phenylether
Concen: 41.348 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

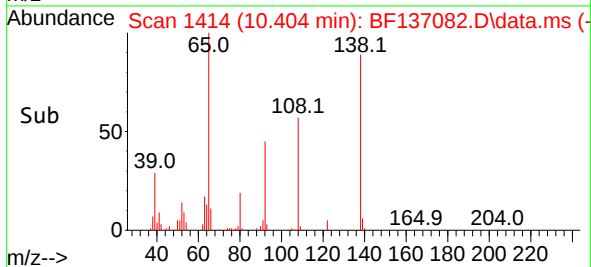
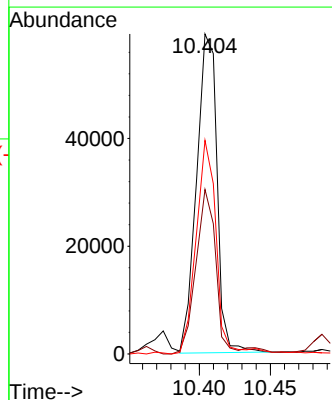
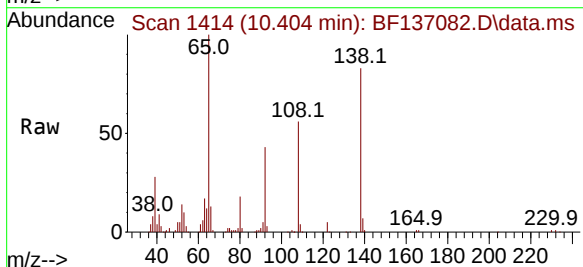
Instrument :
BNA_F
ClientSampleId :
IDOC-03

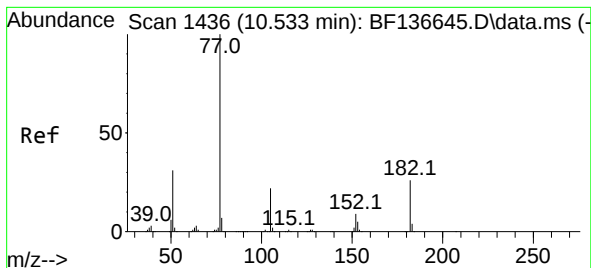
Tgt Ion:204 Resp: 152501
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 57.0 48.4 72.6



#62
4-Nitroaniline
Concen: 33.598 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:138 Resp: 59363
Ion Ratio Lower Upper
138 100
92 51.4 32.1 72.1
108 66.8 50.1 90.1





#63

Azobenzene

Concen: 39.397 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

Tgt Ion: 77 Resp: 291059

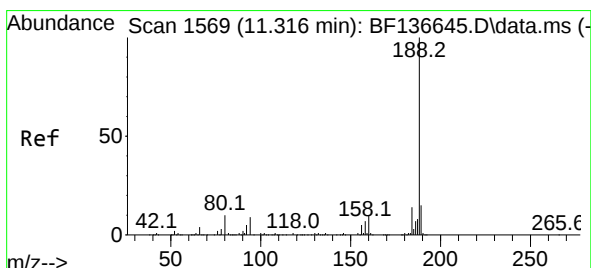
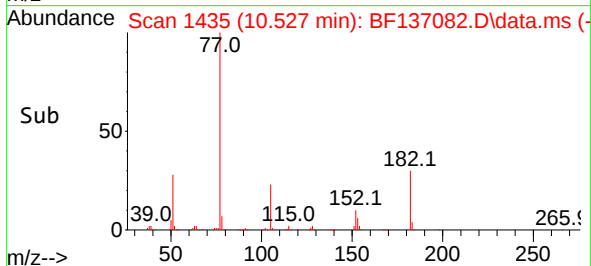
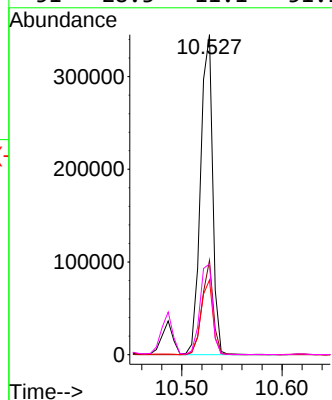
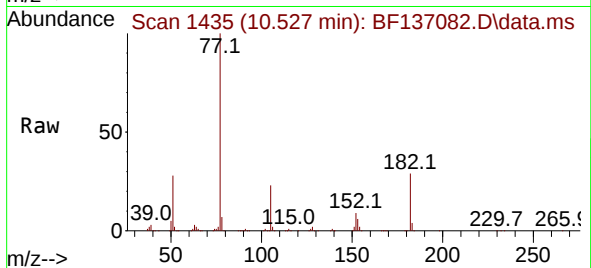
Ion Ratio Lower Upper

77 100

182 29.4 6.0 46.0

105 23.3 2.3 42.3

51 28.3 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: BF137082.D

Acq: 16 Jan 2024 16:36

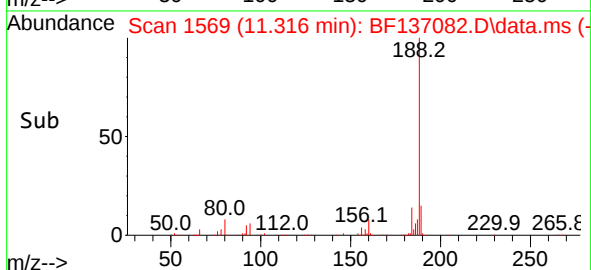
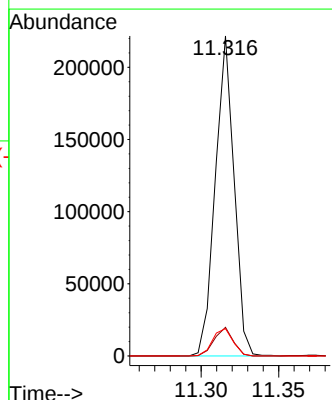
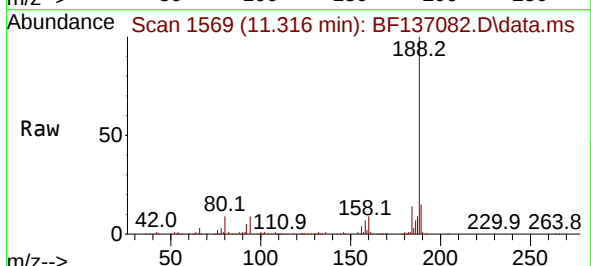
Tgt Ion: 188 Resp: 186778

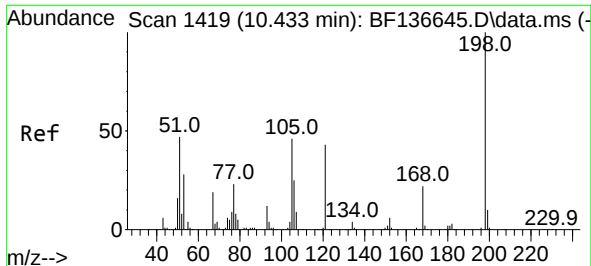
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 8.6 8.1 12.1

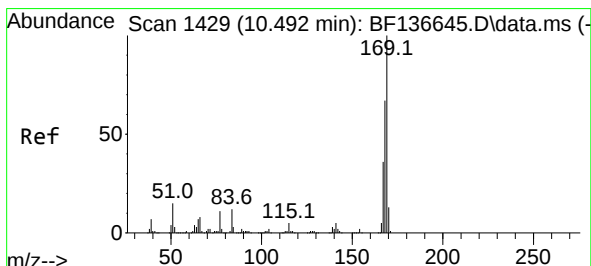
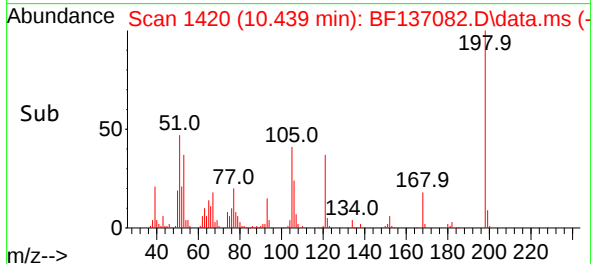
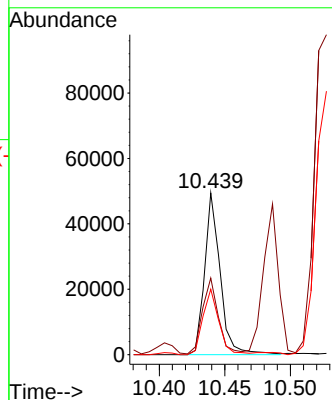
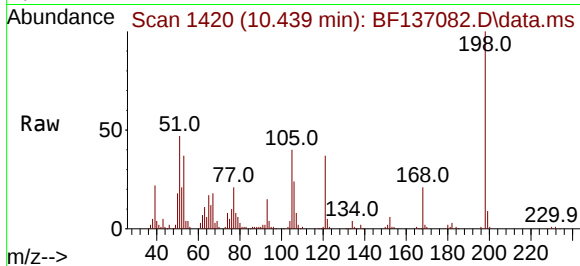




#65
4,6-Dinitro-2-methylphenol
Concen: 38.320 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

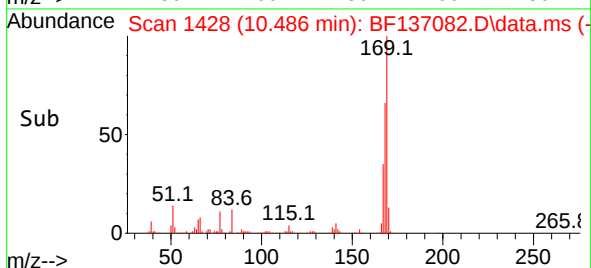
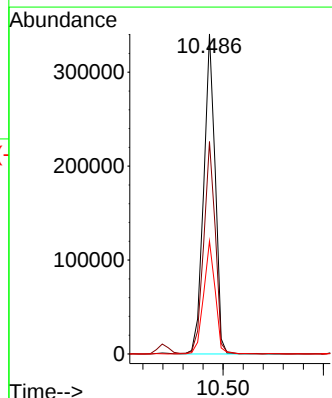
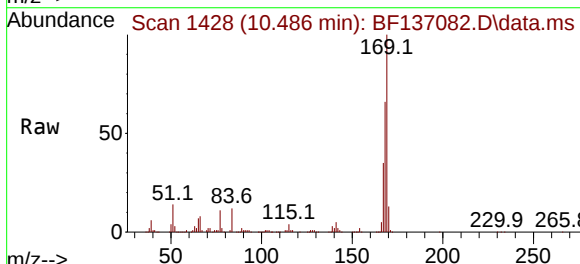
Instrument :
BNA_F
ClientSampleId :
IDOC-03

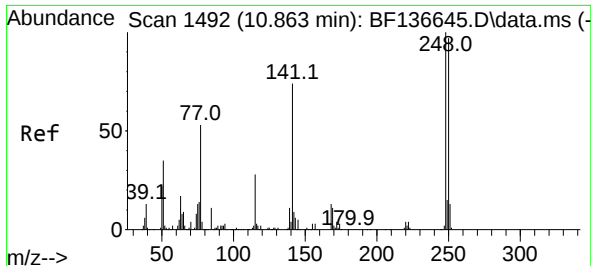
Tgt Ion:198 Resp: 41019
Ion Ratio Lower Upper
198 100
51 47.4 34.1 74.1
105 40.4 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 44.763 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:169 Resp: 271596
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 35.3 28.7 43.1

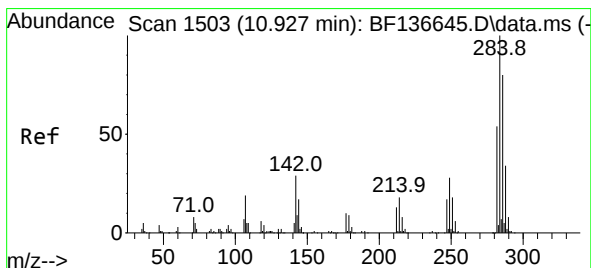
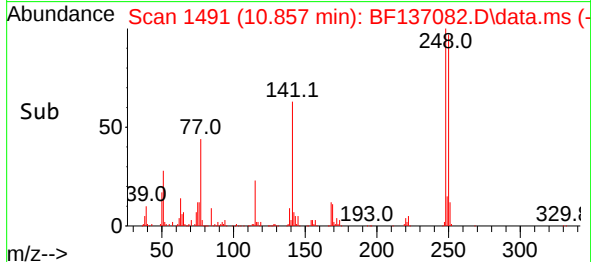
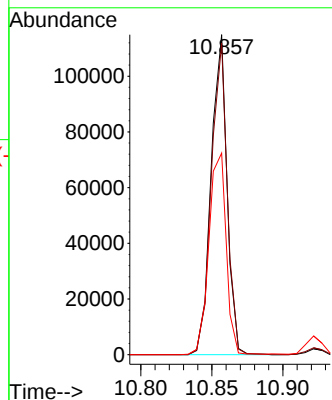
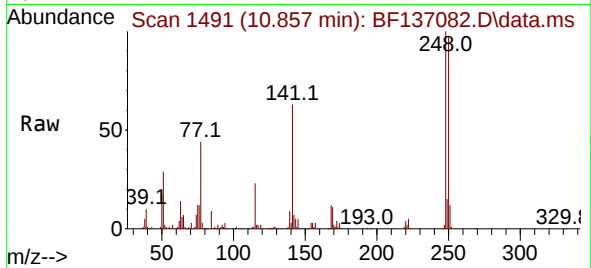




#67
4-Bromophenyl-phenylether
Concen: 43.310 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

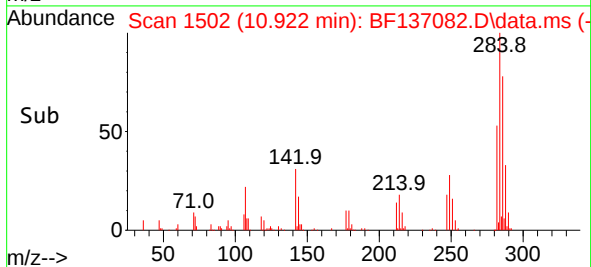
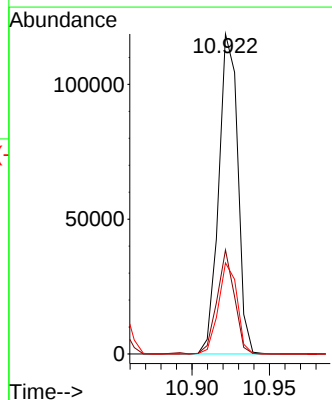
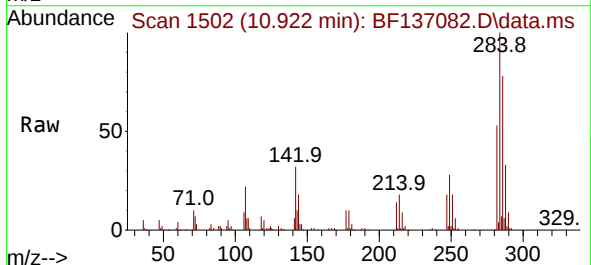
Instrument :
BNA_F
ClientSampleId :
IDOC-03

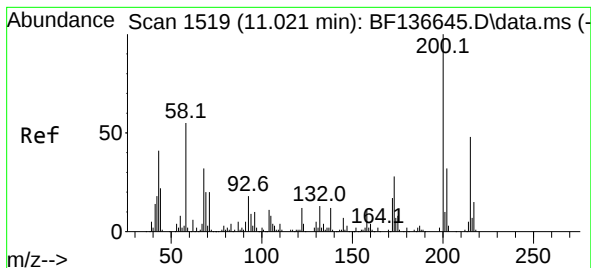
Tgt Ion:248 Resp: 89838
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 63.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 43.825 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:284 Resp: 101308
Ion Ratio Lower Upper
284 100
142 32.5 23.4 35.0
249 28.5 22.3 33.5





#69

Atrazine

Concen: 38.076 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

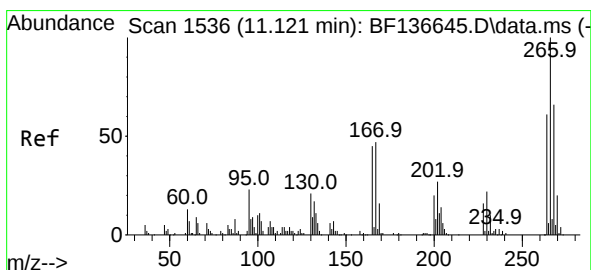
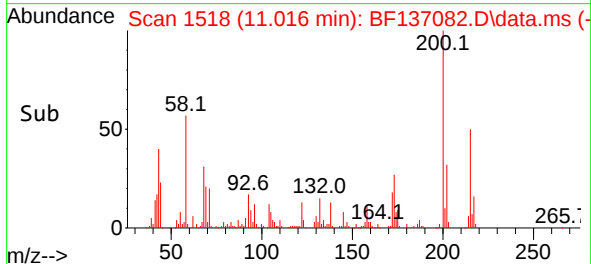
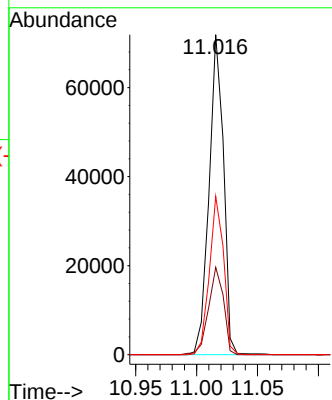
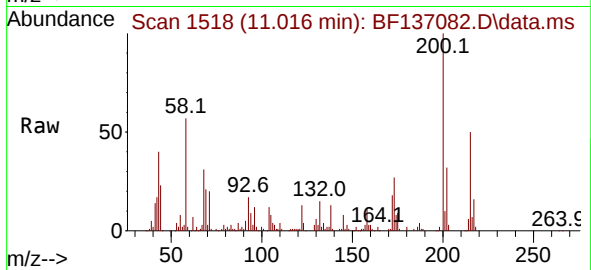
Tgt Ion:200 Resp: 59089

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

215 49.5 28.3 68.3



#70

Pentachlorophenol

Concen: 60.107 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

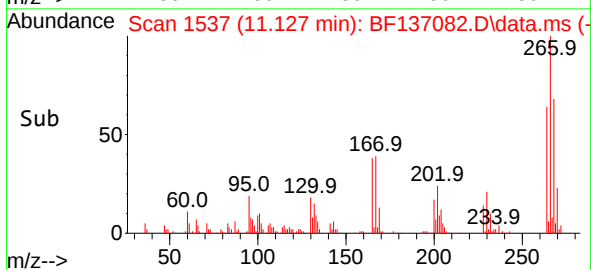
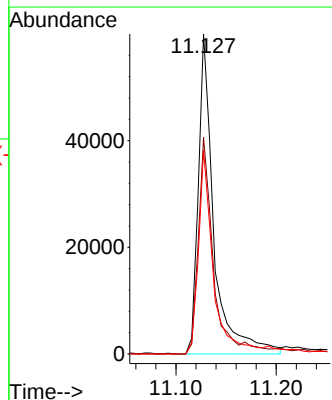
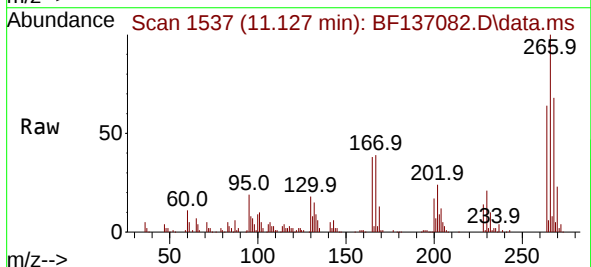
Tgt Ion:266 Resp: 64764

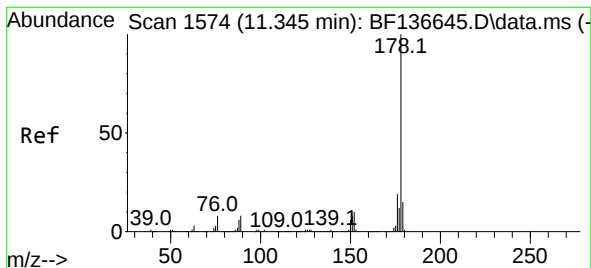
Ion Ratio Lower Upper

266 100

268 67.6 52.6 78.8

264 63.7 49.0 73.4





#71

Phenanthrene

Concen: 43.966 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

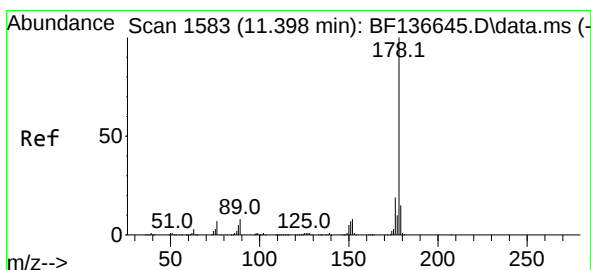
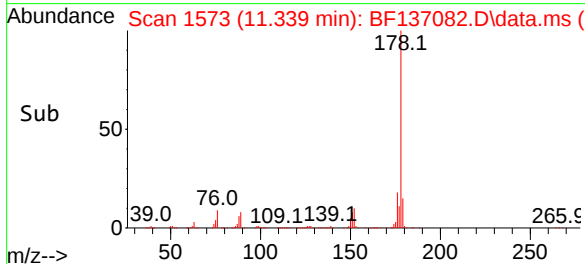
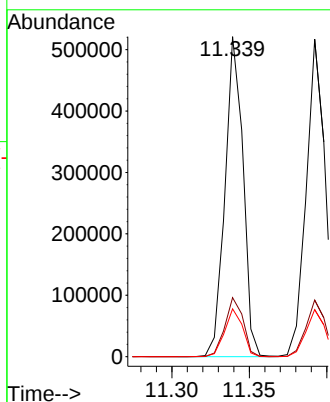
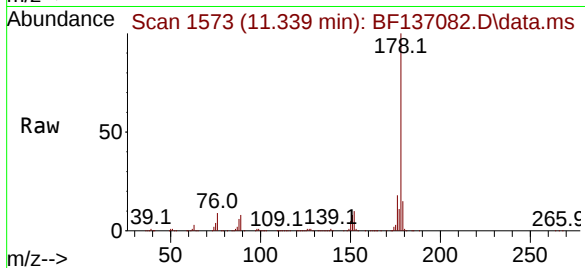
Tgt Ion:178 Resp: 421360

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 15.0 11.9 17.9



#72

Anthracene

Concen: 44.054 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

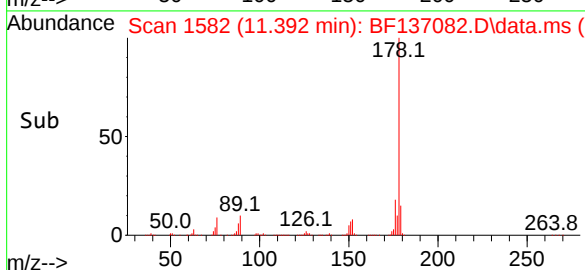
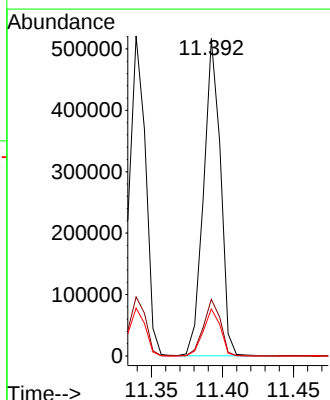
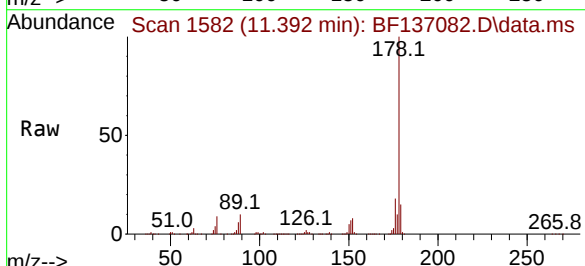
Tgt Ion:178 Resp: 427581

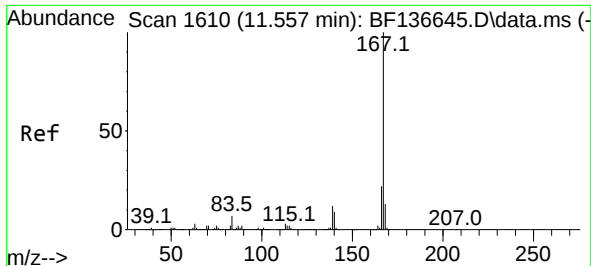
Ion Ratio Lower Upper

178 100

176 17.8 14.9 22.3

179 14.8 11.8 17.6

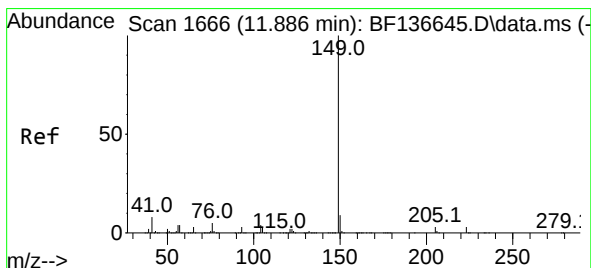
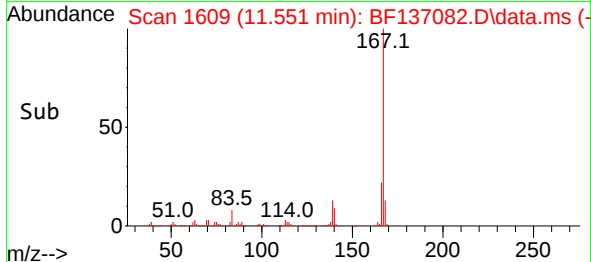
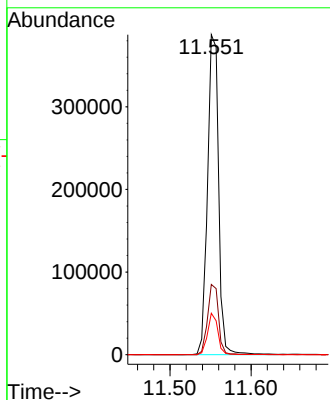
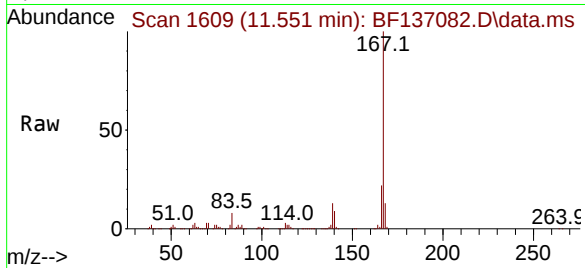




#73
 Carbazole
 Concen: 39.948 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137082.D
 Acq: 16 Jan 2024 16:36

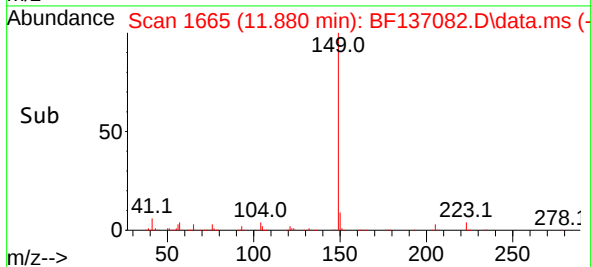
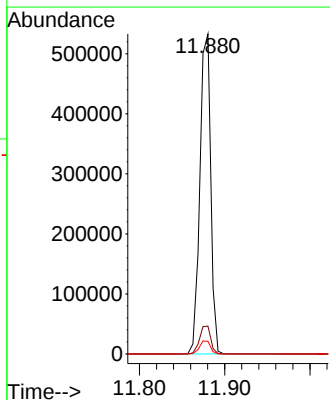
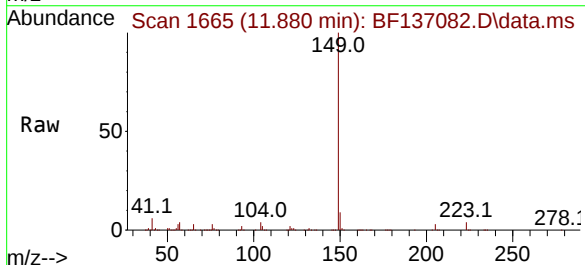
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

Tgt Ion:167 Resp: 365551
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.9 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 42.237 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137082.D
 Acq: 16 Jan 2024 16:36

Tgt Ion:149 Resp: 471623
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.2
 104 3.9 3.6 5.4

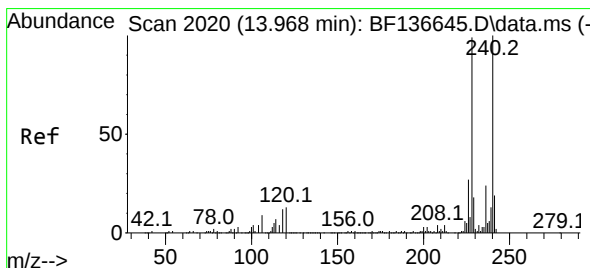
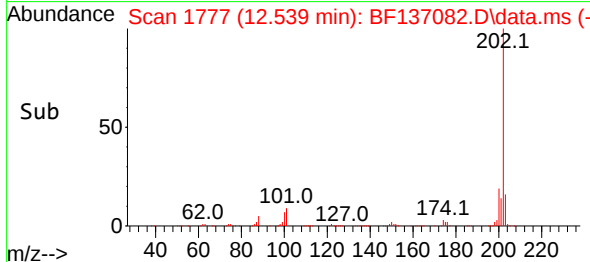
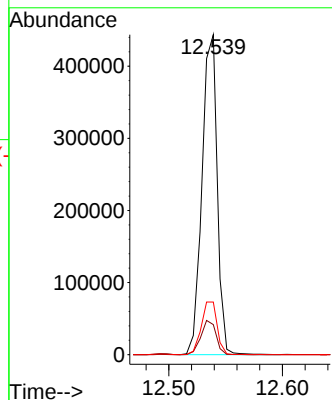
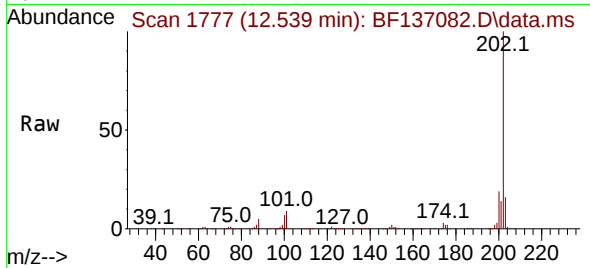




#75
Fluoranthene
Concen: 40.394 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

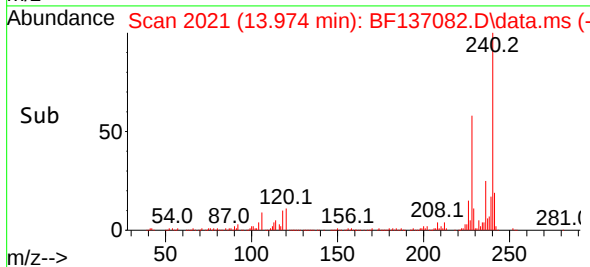
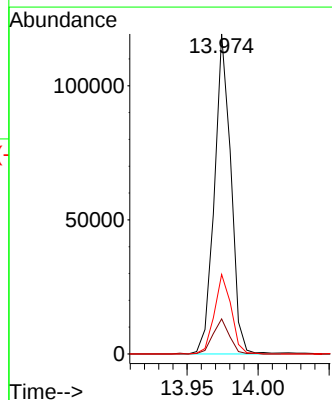
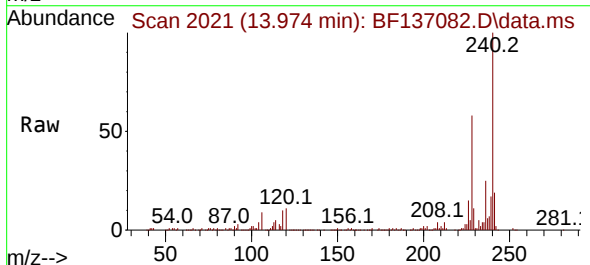
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:202 Resp: 414086
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 16.5 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: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:240 Resp: 96138
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 24.8 19.4 29.2





#77

Benzidine

Concen: 32.483 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

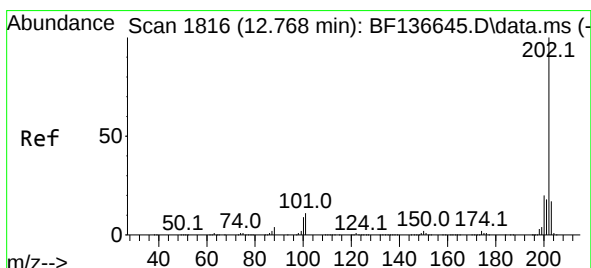
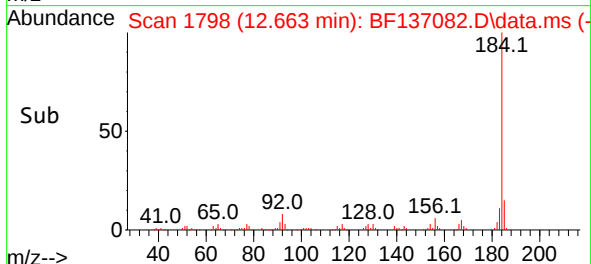
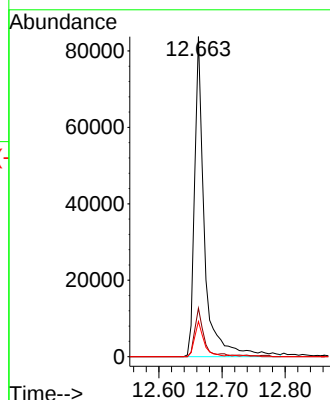
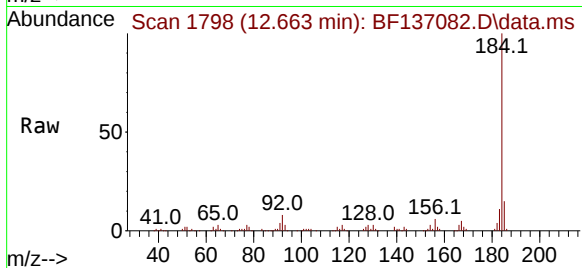
Tgt Ion:184 Resp: 92079

Ion Ratio Lower Upper

184 100

185 15.2 11.2 16.8

183 11.0 9.3 13.9



#78

Pyrene

Concen: 42.194 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

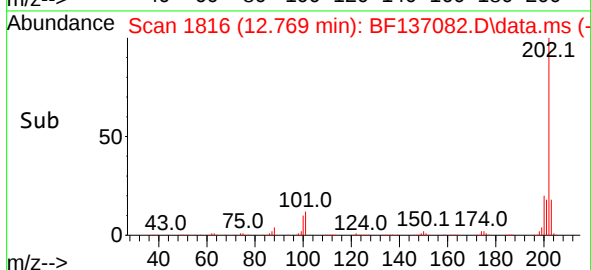
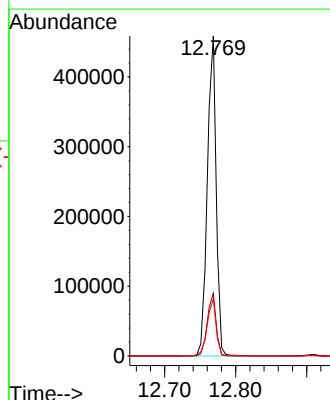
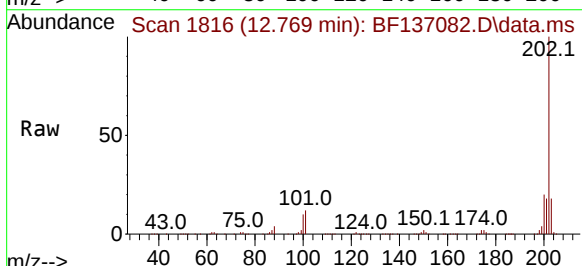
Tgt Ion:202 Resp: 398210

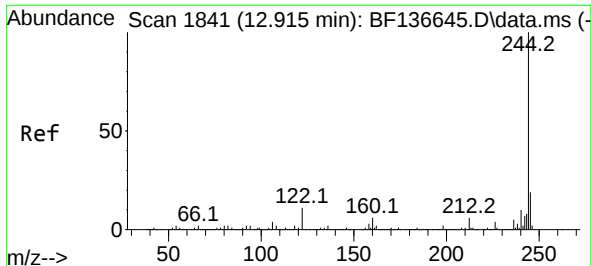
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 17.8 13.8 20.6

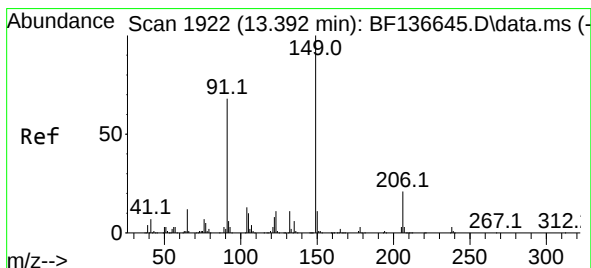
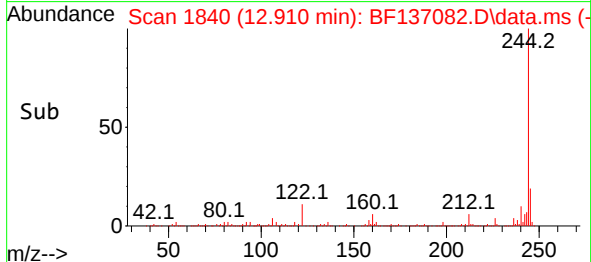
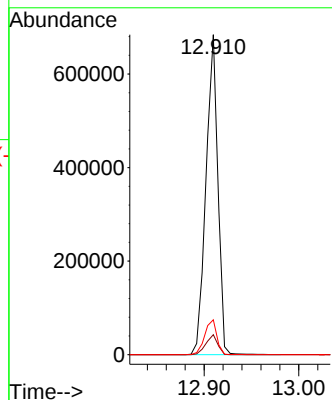
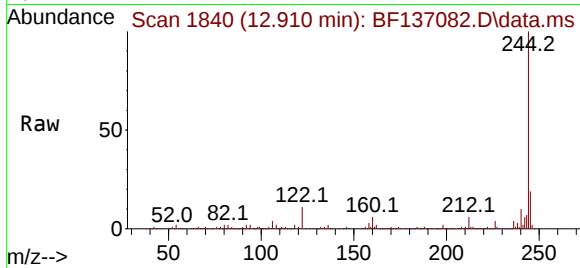




#79
 Terphenyl-d14
 Concen: 86.411 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137082.D
 Acq: 16 Jan 2024 16:36

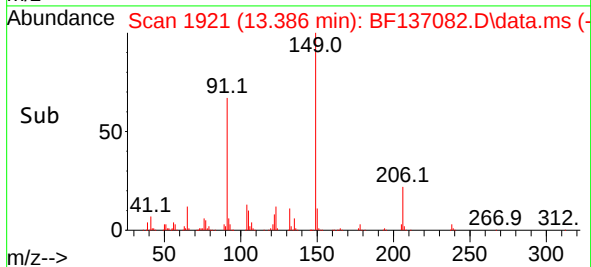
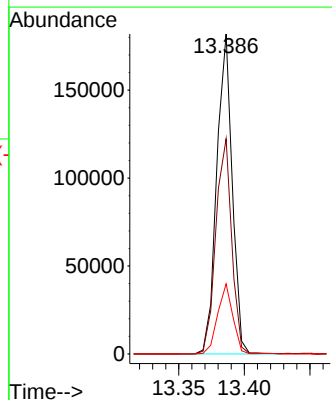
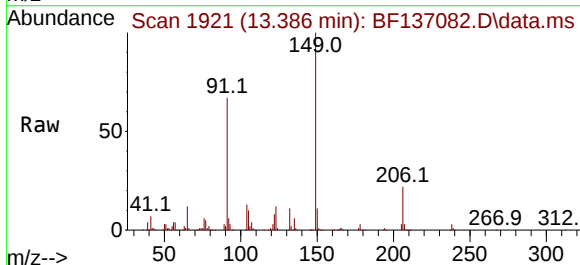
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

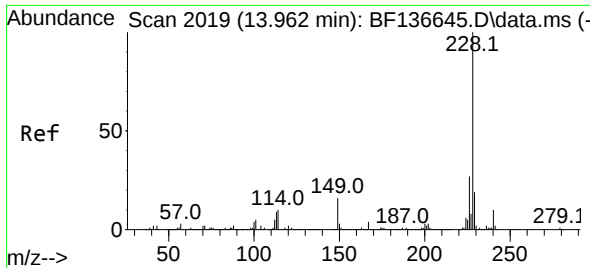
Tgt Ion:244 Resp: 594462
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 43.473 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137082.D
 Acq: 16 Jan 2024 16:36

Tgt Ion:149 Resp: 149290
 Ion Ratio Lower Upper
 149 100
 91 67.2 54.1 81.1
 206 21.9 17.1 25.7

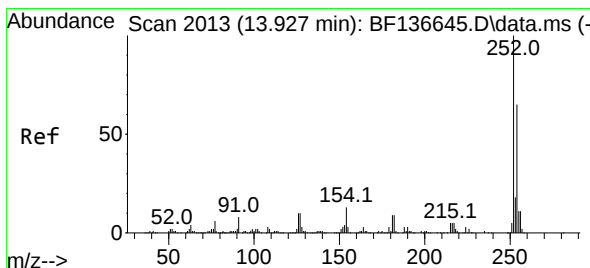
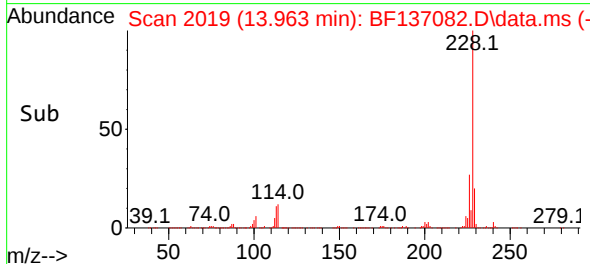
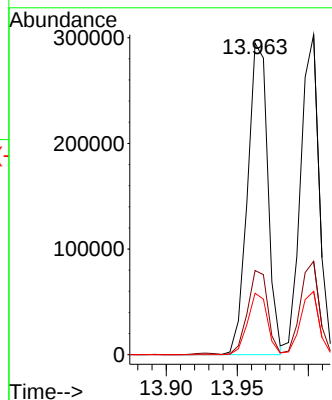
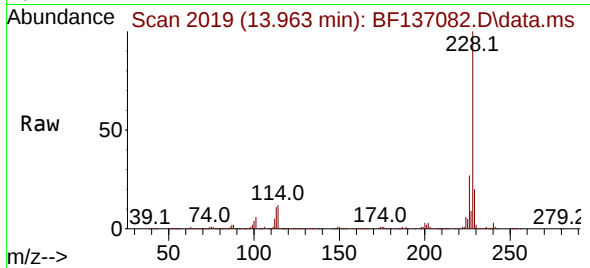




#81
Benzo(a)anthracene
Concen: 43.915 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

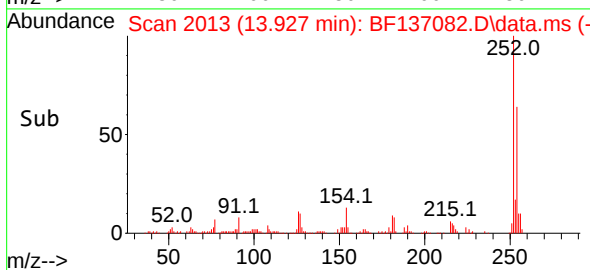
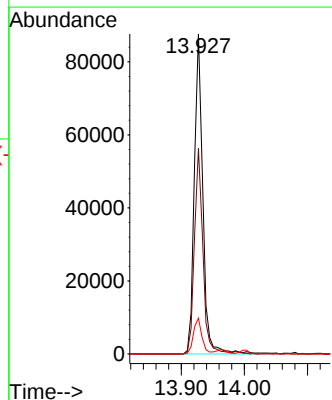
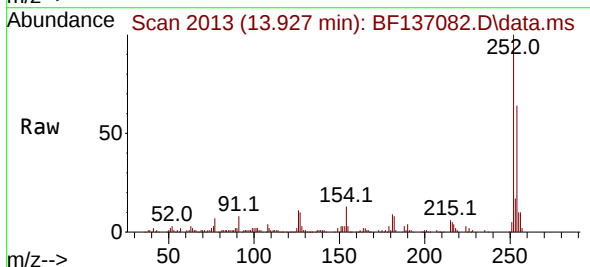
Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:228 Resp: 293165
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.7 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 43.709 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:252 Resp: 82865
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.4
126 11.2 8.0 12.0





#83

Chrysene

Concen: 42.002 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

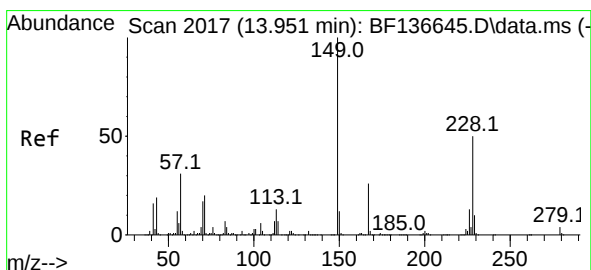
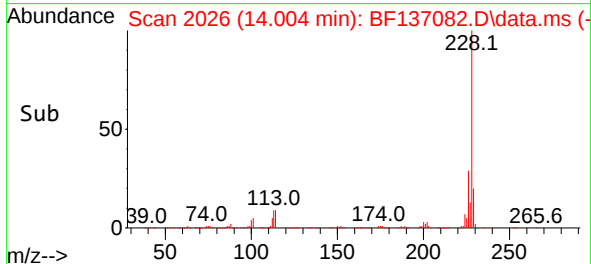
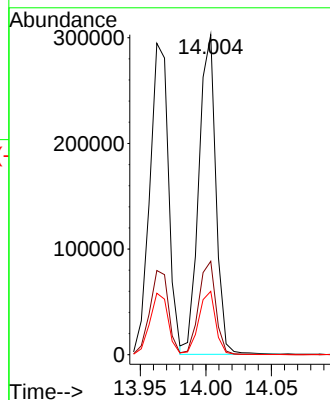
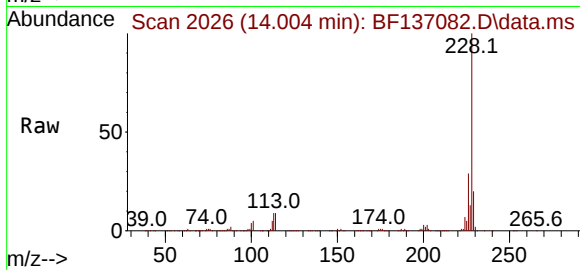
Tgt Ion:228 Resp: 274194

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.001 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

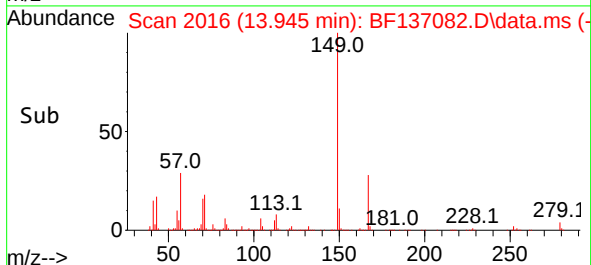
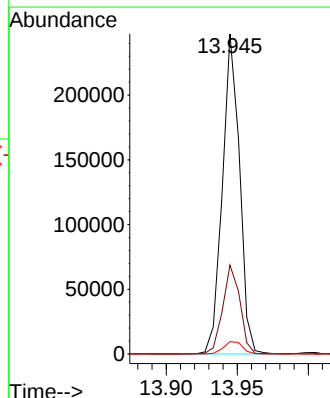
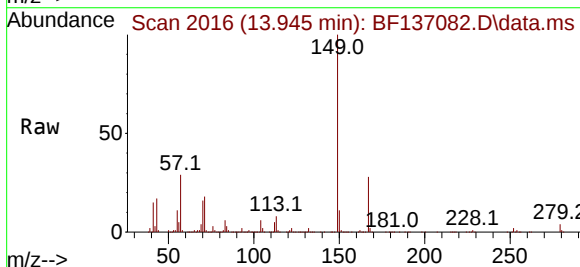
Tgt Ion:149 Resp: 207396

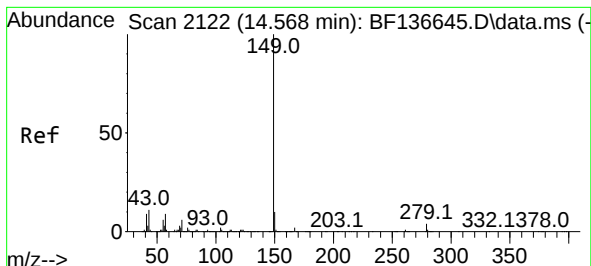
Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 49.417 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

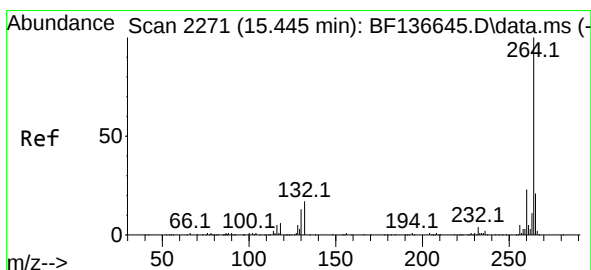
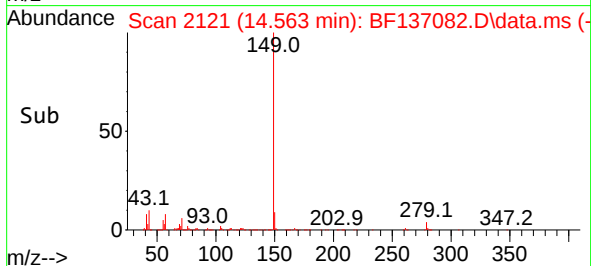
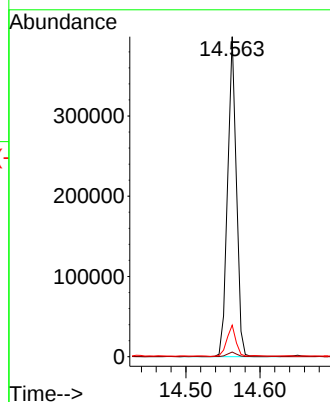
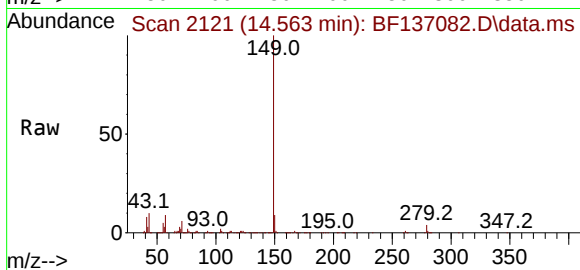
Tgt Ion:149 Resp: 330273

Ion Ratio Lower Upper

149 100

167 1.6 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: BF137082.D

Acq: 16 Jan 2024 16:36

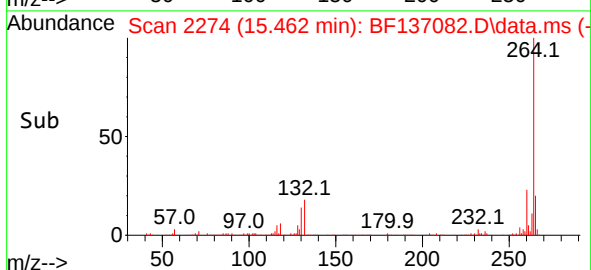
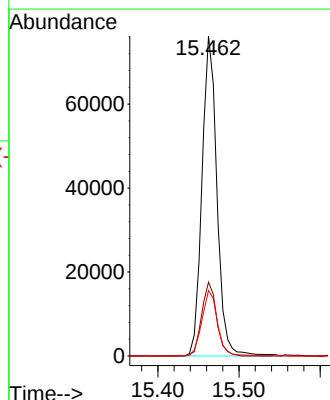
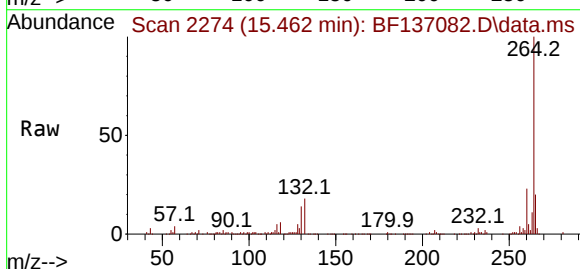
Tgt Ion:264 Resp: 97465

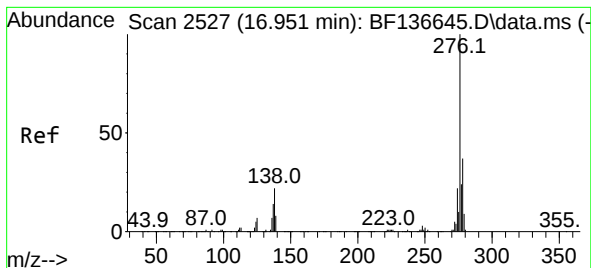
Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 20.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.946 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

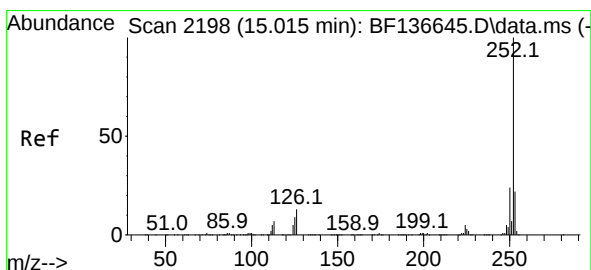
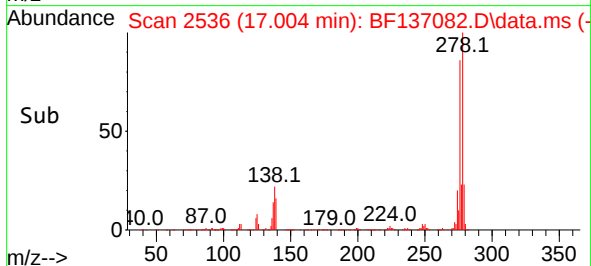
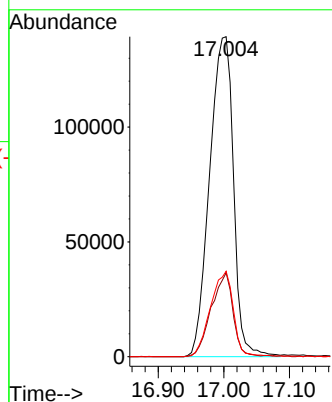
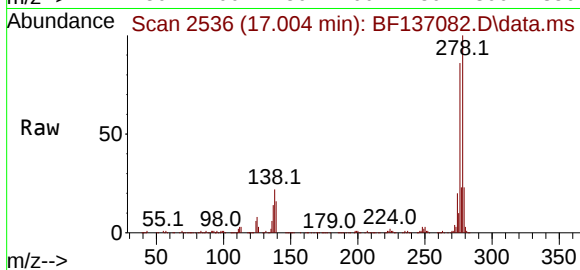
Tgt Ion:276 Resp: 351476

Ion Ratio Lower Upper

276 100

138 23.8 18.7 28.1

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.590 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

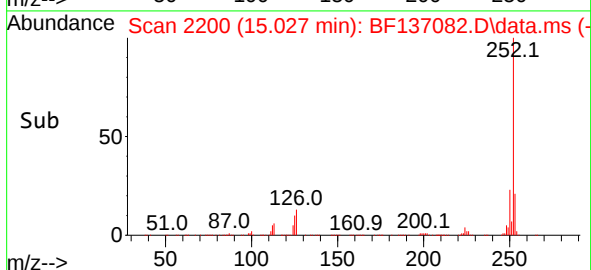
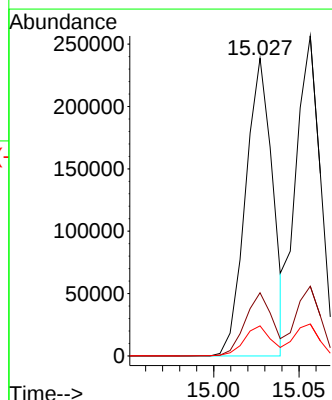
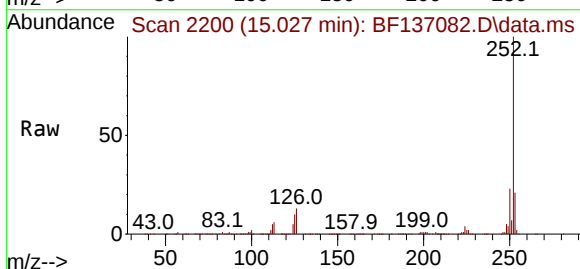
Tgt Ion:252 Resp: 264231

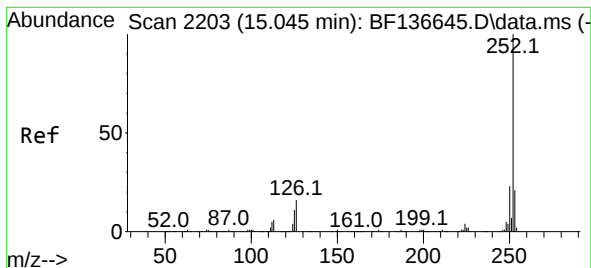
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 10.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.058 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

Instrument :

BNA_F

ClientSampleId :

IDOC-03

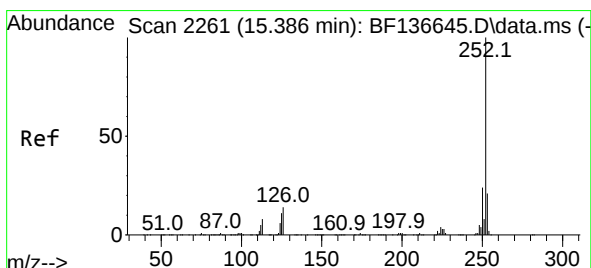
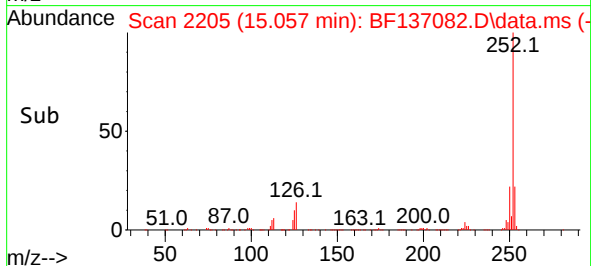
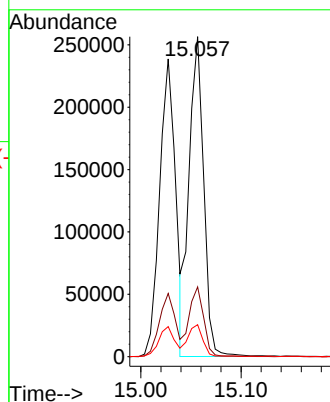
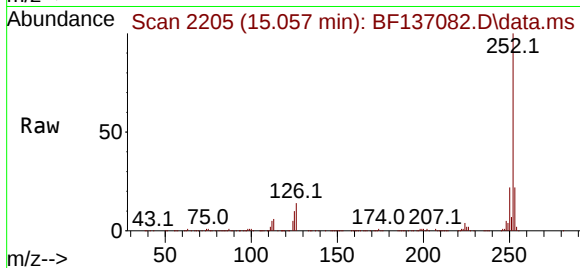
Tgt Ion:252 Resp: 258702

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 10.0 8.2 12.4



#90

Benzo(a)pyrene

Concen: 43.807 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137082.D

Acq: 16 Jan 2024 16:36

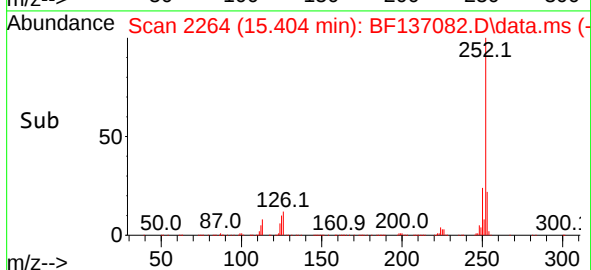
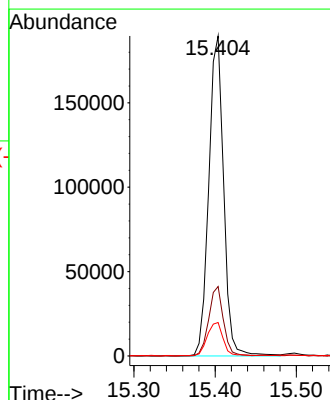
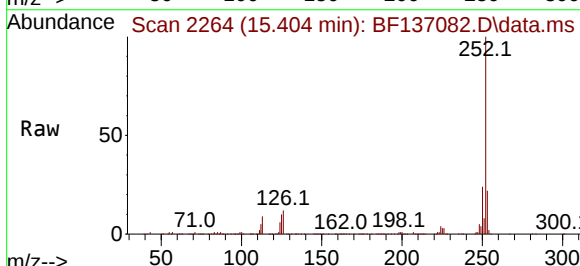
Tgt Ion:252 Resp: 240717

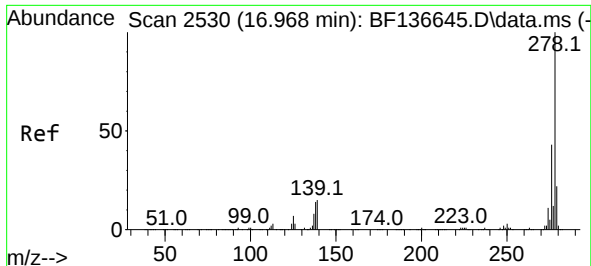
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 10.4 8.8 13.2

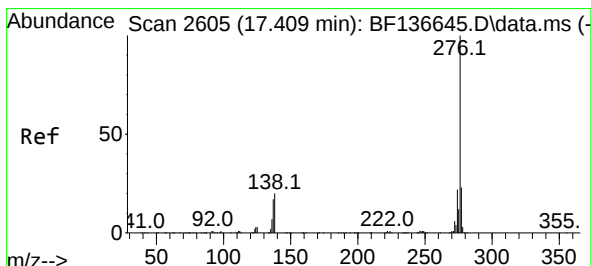
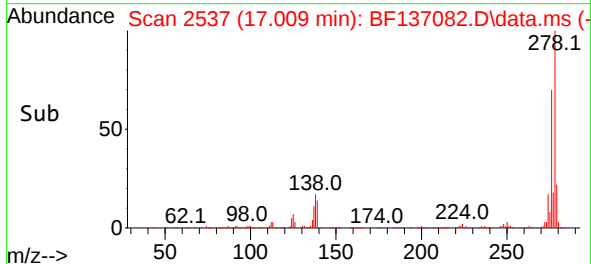
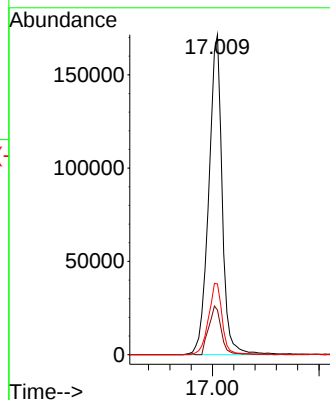
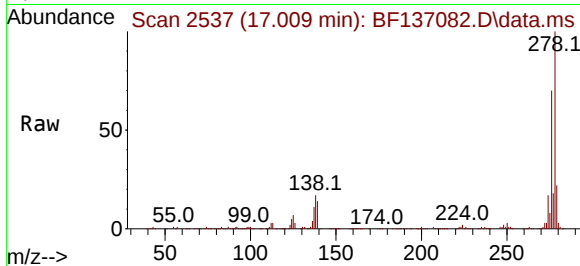




#91
Dibenzo(a,h)anthracene
Concen: 51.917 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tgt Ion:278 Resp: 299732
Ion Ratio Lower Upper
278 100
139 14.0 12.2 18.4
279 22.1 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 49.847 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.047 min
Lab File: BF137082.D
Acq: 16 Jan 2024 16:36

Tgt Ion:276 Resp: 294745
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 20.8 15.6 23.4

