

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
 Data File : BF139245.D
 Acq On : 04 Sep 2024 17:48
 Operator : RC/JU
 Sample : IDOC-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Quant Time: Sep 04 18:27:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	146544	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	569414	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	309446	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	562871	20.000	ng	0.00
76) Chrysene-d12	14.051	240	270955	20.000	ng	0.00
86) Perylene-d12	15.527	264	254839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1112968	127.050	ng	0.02
7) Phenol-d6	6.522	99	1467225	125.463	ng	0.00
23) Nitrobenzene-d5	7.457	82	936662	85.575	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	336480	125.923	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1628770	81.250	ng	0.00
79) Terphenyl-d14	12.998	244	1480010	88.192	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	135643	33.251	ng	96
3) Pyridine	3.534	79	328811	33.391	ng	99
4) n-Nitrosodimethylamine	3.493	42	286949	44.874	ng	99
6) Aniline	6.551	93	316943	29.472	ng	# 90
8) 2-Chlorophenol	6.675	128	424214	46.726	ng	97
10) Phenol	6.534	94	545893	44.255	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	406814	46.034	ng	100
12) 1,3-Dichlorobenzene	6.828	146	429928	41.838	ng	98
13) 1,4-Dichlorobenzene	6.904	146	436081	42.398	ng	99
14) 1,2-Dichlorobenzene	7.057	146	416535	43.422	ng	100
15) Benzyl Alcohol	7.028	79	395508	46.375	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	778697	46.287	ng	93
17) 2-Methylphenol	7.139	107	335527	45.244	ng	98
18) Hexachloroethane	7.398	117	160902	43.801	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	311645	46.270	ng	99
20) 3+4-Methylphenols	7.292	107	415170	44.420	ng	96
22) Acetophenone	7.298	105	570131	42.028	ng	98
24) Nitrobenzene	7.475	77	473269	40.738	ng	100
25) Isophorone	7.710	82	831778	44.449	ng	99
26) 2-Nitrophenol	7.786	139	212508	46.573	ng	99
27) 2,4-Dimethylphenol	7.822	122	307536	47.259	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	479545	43.012	ng	99
29) 2,4-Dichlorophenol	8.028	162	341899	43.880	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	370903	41.680	ng	99
31) Naphthalene	8.192	128	1188615	41.220	ng	99
32) Benzoic acid	7.945	122	252715	42.635	ng	100
33) 4-Chloroaniline	8.239	127	227294	22.765	ng	98
34) Hexachlorobutadiene	8.310	225	228207	40.471	ng	99
35) Caprolactam	8.610	113	65071	26.976	ng	95
36) 4-Chloro-3-methylphenol	8.722	107	372314	43.850	ng	99
37) 2-Methylnaphthalene	8.886	142	757227	41.972	ng	99
38) 1-Methylnaphthalene	8.986	142	698230	39.351	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	358093	40.901	ng	99
41) Hexachlorocyclopentadiene	9.039	237	330371	117.417	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	247562	43.217	ng	99
44) 2,4,5-Trichlorophenol	9.210	196	261987	43.644	ng	99

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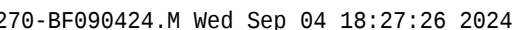
Instrument :
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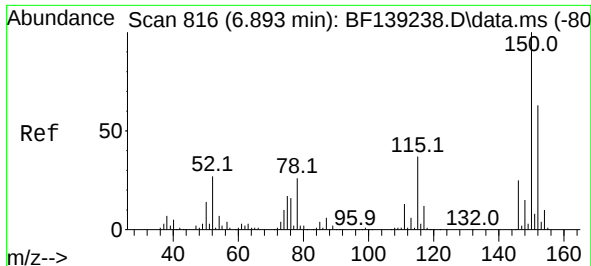
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.351	154	943303	41.144	ng	99
47) 2-Chloronaphthalene	9.375	162	707000	40.839	ng	100
48) 2-Nitroaniline	9.469	65	275220	46.155	ng	97
49) Acenaphthylene	9.792	152	1167738	44.785	ng	100
50) Dimethylphthalate	9.651	163	821248	43.787	ng	99
51) 2,6-Dinitrotoluene	9.716	165	179052	42.081	ng	99
52) Acenaphthene	9.963	154	794300	45.929	ng	99
53) 3-Nitroaniline	9.880	138	146417	32.298	ng	97
54) 2,4-Dinitrophenol	9.986	184	193740	86.257	ng	# 70
55) Dibenzofuran	10.133	168	1047636	42.253	ng	99
56) 4-Nitrophenol	10.039	139	300863	89.917	ng	98
57) 2,4-Dinitrotoluene	10.116	165	246039	45.431	ng	99
58) Fluorene	10.480	166	797921	41.507	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	216047	45.722	ng	98
60) Diethylphthalate	10.351	149	815983	44.209	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	384828	41.511	ng	100
62) 4-Nitroaniline	10.498	138	182598	42.314	ng	99
63) Azobenzene	10.627	77	849079	43.647	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	125578	48.284	ng	98
66) n-Nitrosodiphenylamine	10.592	169	705757	43.075	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	231878	42.459	ng	96
68) Hexachlorobenzene	11.022	284	260054	41.596	ng	98
69) Atrazine	11.116	200	175651	46.467	ng	99
70) Pentachlorophenol	11.216	266	303030	83.910	ng	98
71) Phenanthrene	11.439	178	1136004	43.202	ng	100
72) Anthracene	11.492	178	1129111	43.957	ng	100
73) Carbazole	11.645	167	1031339	42.959	ng	100
74) Di-n-butylphthalate	11.974	149	1170159	47.603	ng	99
75) Fluoranthene	12.627	202	1121925	42.559	ng	100
77) Benzidine	12.745	184	78676	14.421	ng	98
78) Pyrene	12.857	202	1118756	42.742	ng	99
80) Butylbenzylphthalate	13.474	149	323488	52.500	ng	99
81) Benzo(a)anthracene	14.039	228	789639	45.639	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	190642	41.491	ng	100
83) Chrysene	14.080	228	673851	41.730	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	348629	48.205	ng	99
85) Di-n-octyl phthalate	14.651	149	630283	45.519	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	734960	46.165	ng	99
88) Benzo(b)fluoranthene	15.092	252	721542	49.165	ng	100
89) Benzo(k)fluoranthene	15.121	252	622090	47.275	ng	99
90) Benzo(a)pyrene	15.462	252	630608	50.603	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	604853	46.103	ng	99
92) Benzo(g,h,i)perylene	17.456	276	563497	41.610	ng	99

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

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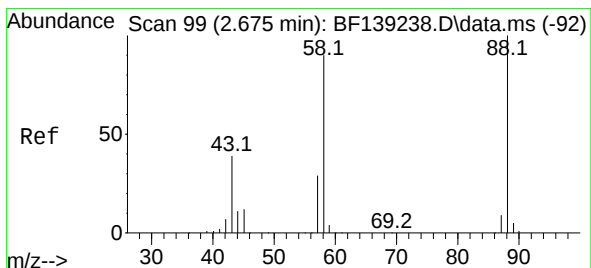
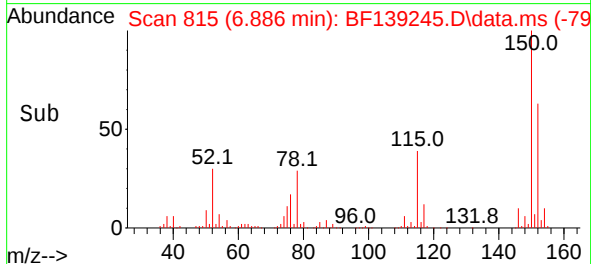
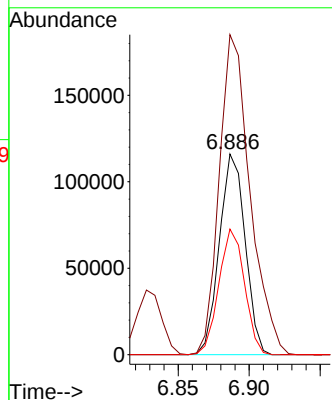
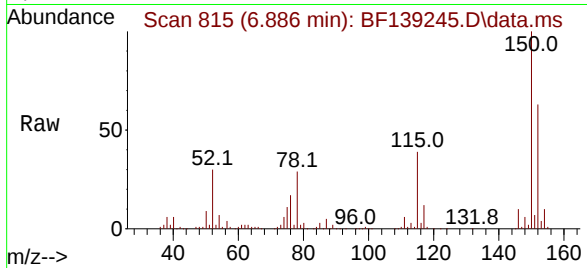




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF139245.D
 Acq: 04 Sep 2024 17:48

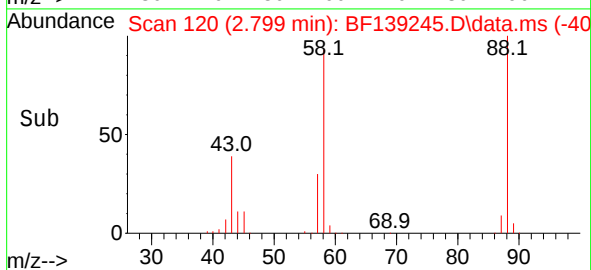
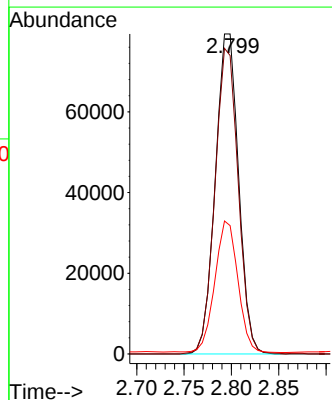
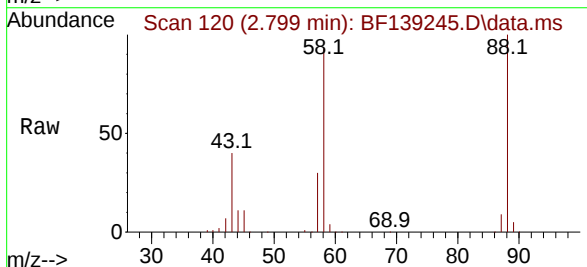
Instrument :
 BNA_F
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 IDOC-02

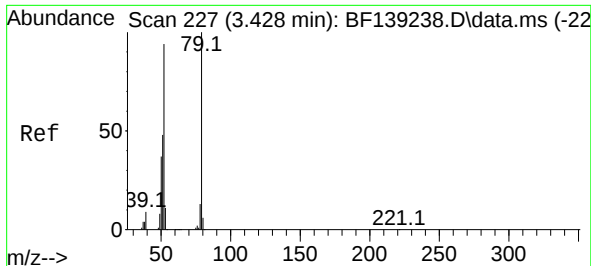
Tgt Ion:152 Resp: 146544
 Ion Ratio Lower Upper
 152 100
 150 159.5 127.0 190.4
 115 62.7 46.9 70.3



#2
 1,4-Dioxane
 Concen: 33.251 ng
 RT: 2.799 min Scan# 120
 Delta R.T. 0.123 min
 Lab File: BF139245.D
 Acq: 04 Sep 2024 17:48

Tgt Ion: 88 Resp: 135643
 Ion Ratio Lower Upper
 88 100
 58 95.5 72.5 108.7
 43 40.7 31.4 47.2





#3

Pyridine

Concen: 33.391 ng

RT: 3.534 min Scan# 245

Delta R.T. 0.106 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

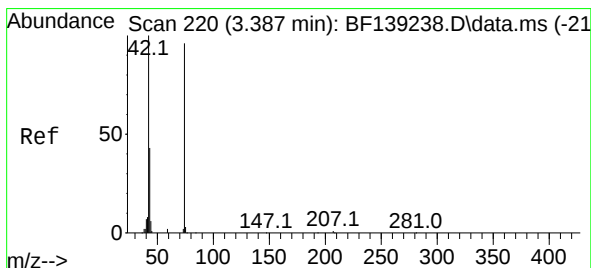
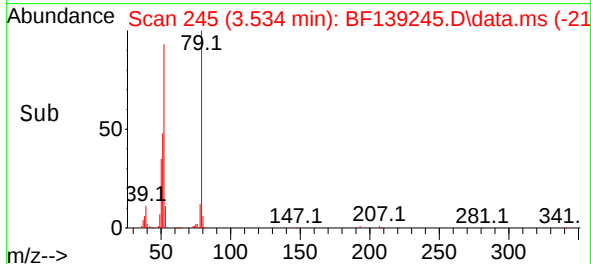
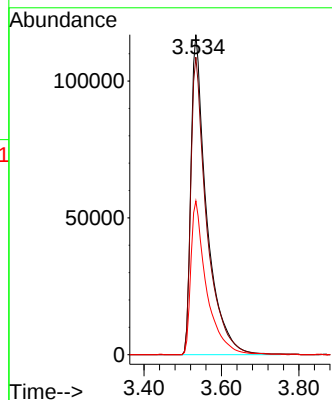
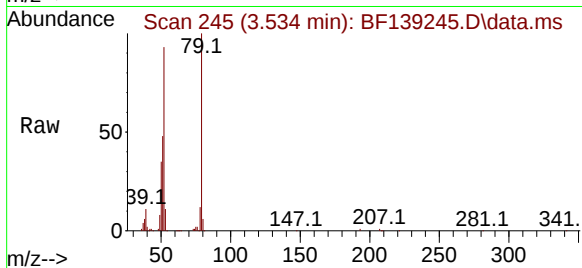
Tgt Ion: 79 Resp: 328811

Ion Ratio Lower Upper

79 100

52 92.9 75.3 112.9

51 48.0 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 44.874 ng

RT: 3.493 min Scan# 238

Delta R.T. 0.106 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

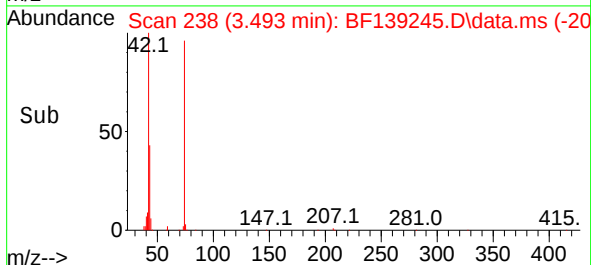
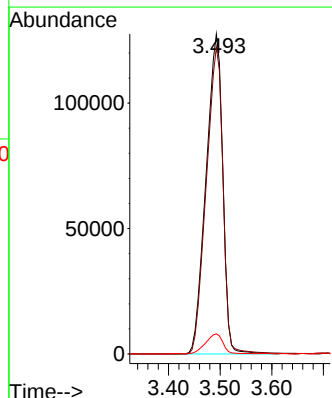
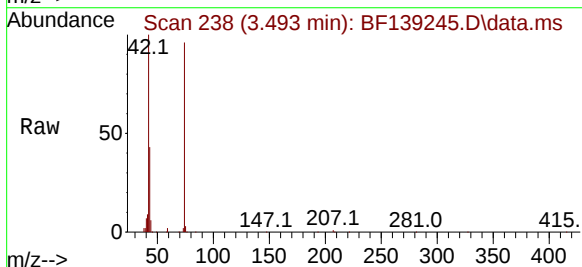
Tgt Ion: 42 Resp: 286949

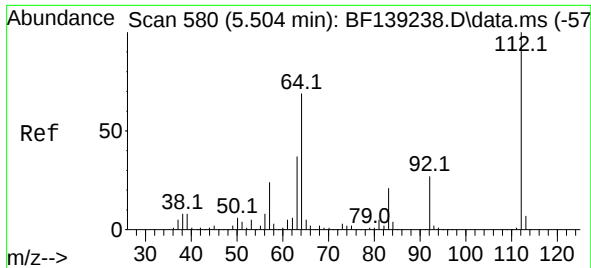
Ion Ratio Lower Upper

42 100

74 95.9 77.2 115.8

44 6.3 5.1 7.7

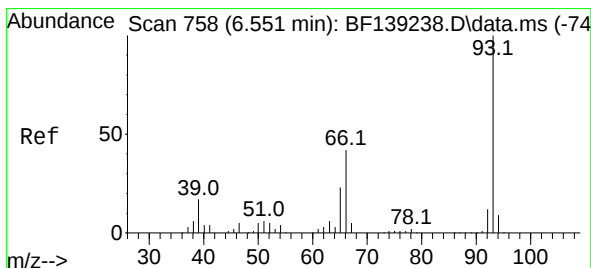
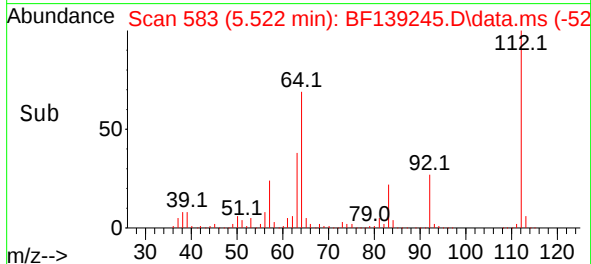
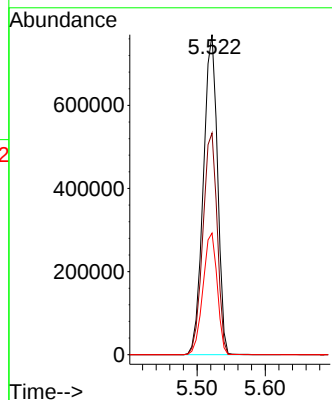
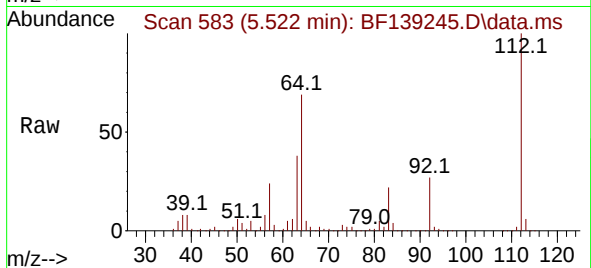




#5
2-Fluorophenol
Concen: 127.050 ng
RT: 5.522 min Scan# 511
Delta R.T. 0.017 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

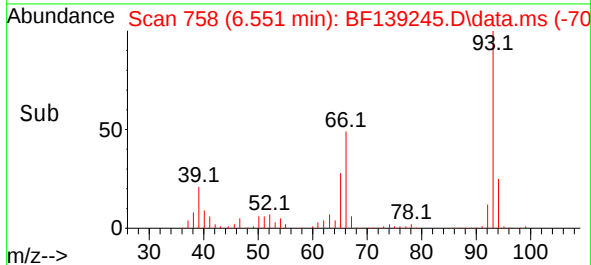
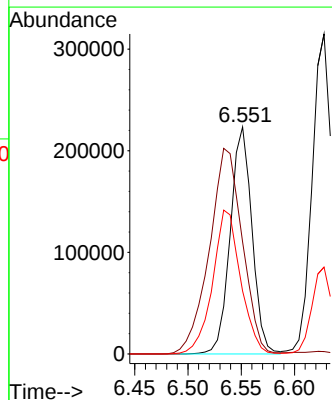
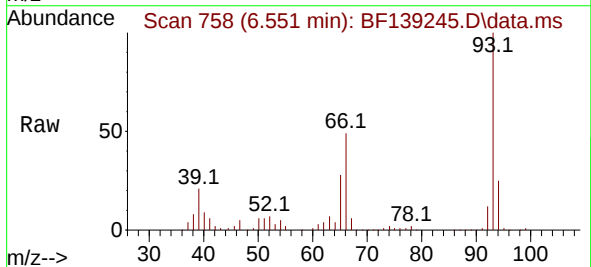
Instrument :
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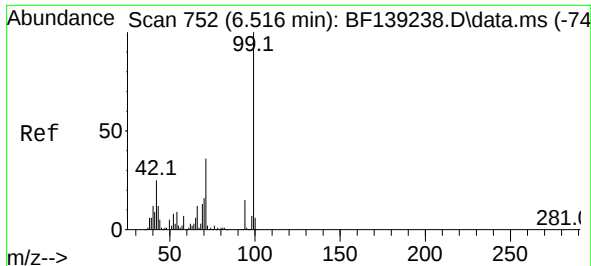
Tgt Ion:112 Resp: 1112968
Ion Ratio Lower Upper
112 100
64 69.2 55.0 82.4
63 38.0 29.9 44.9



#6
Aniline
Concen: 29.472 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion: 93 Resp: 316943
Ion Ratio Lower Upper
93 100
66 49.4 34.4 51.6
65 27.7 18.2 27.4#

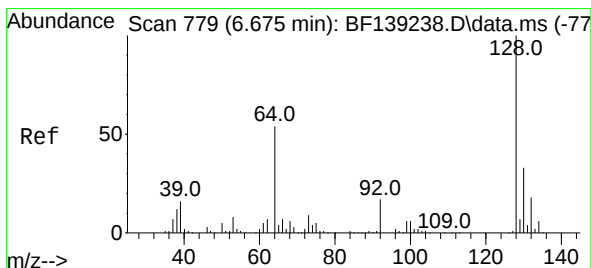
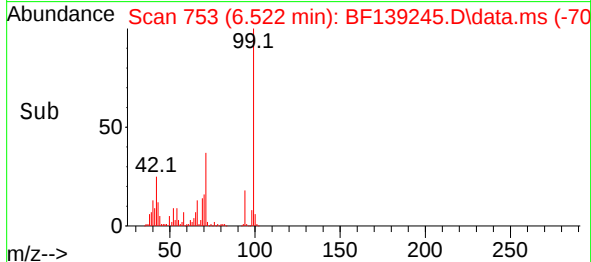
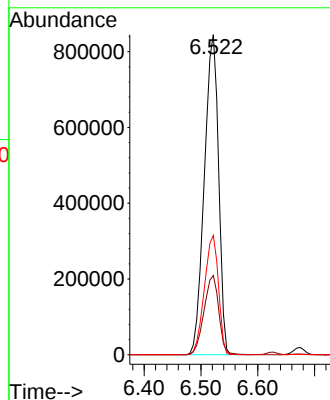
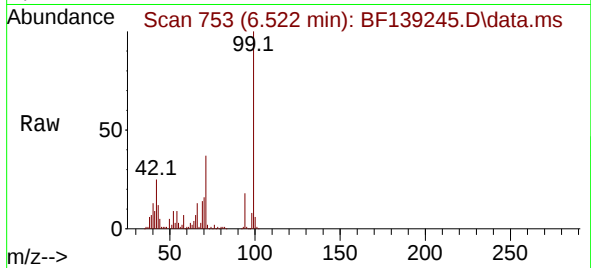




#7
Phenol-d6
Concen: 125.463 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

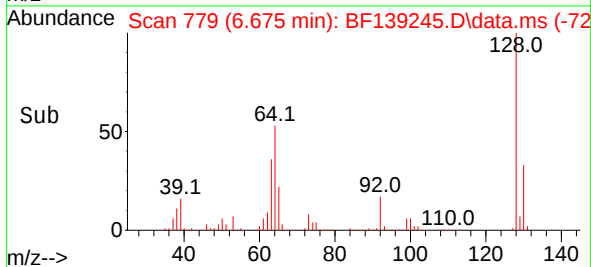
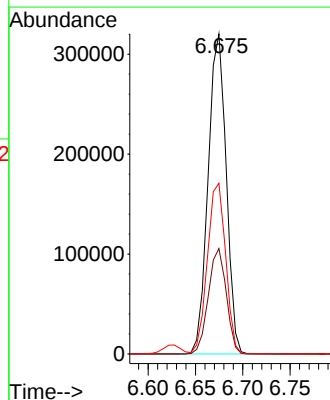
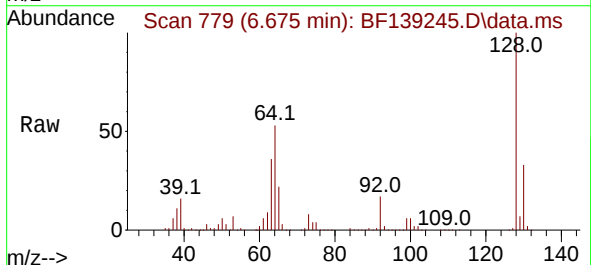
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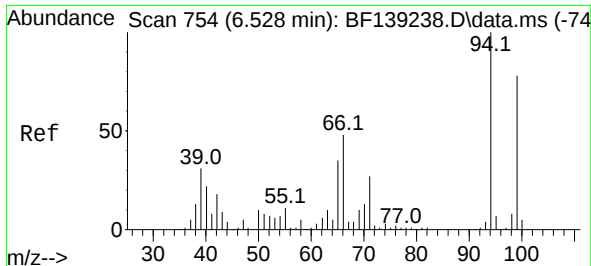
Tgt Ion: 99 Resp: 1467225
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 37.3 28.8 43.2



#8
2-Chlorophenol
Concen: 46.726 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion: 128 Resp: 424214
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 53.3 36.6 76.6





#10

Phenol

Concen: 44.255 ng

RT: 6.534 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

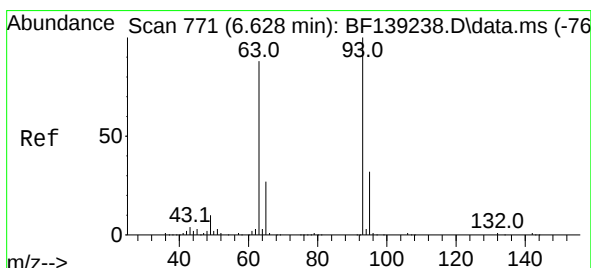
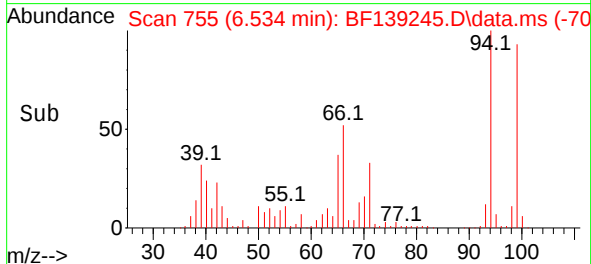
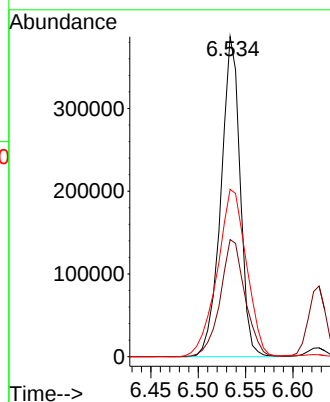
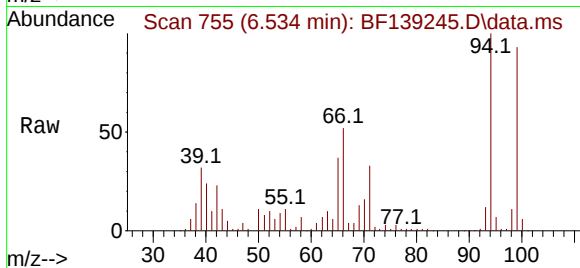
Tgt Ion: 94 Resp: 545893

Ion Ratio Lower Upper

94 100

65 36.6 14.7 54.7

66 52.3 28.5 68.5



#11

bis(2-Chloroethyl)ether

Concen: 46.034 ng

RT: 6.628 min Scan# 771

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

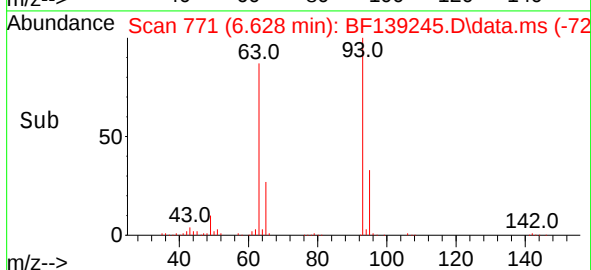
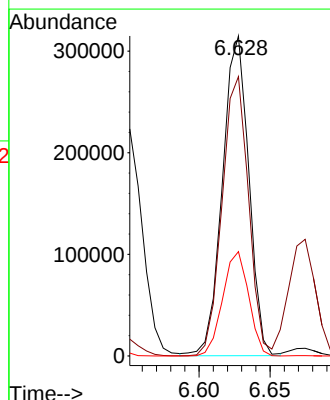
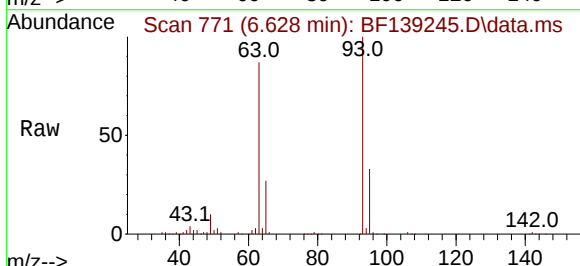
Tgt Ion: 93 Resp: 406814

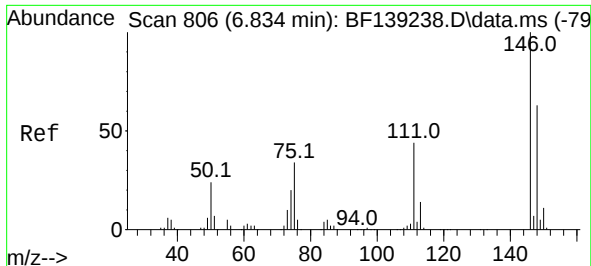
Ion Ratio Lower Upper

93 100

63 87.3 67.1 107.1

95 32.6 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 41.838 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

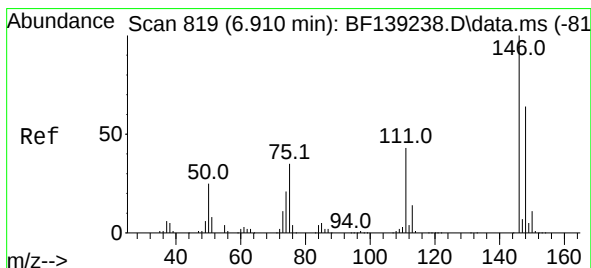
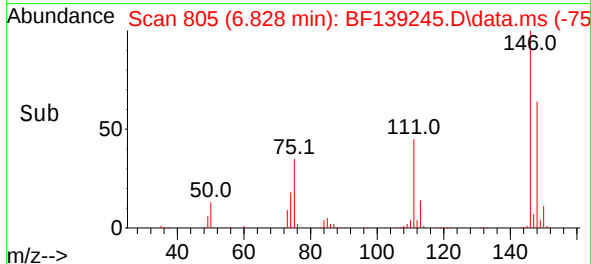
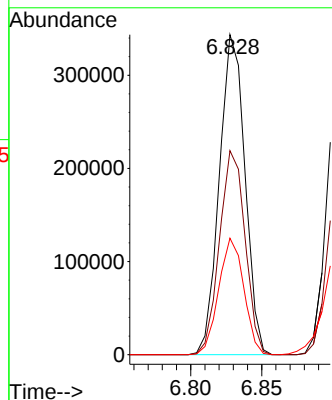
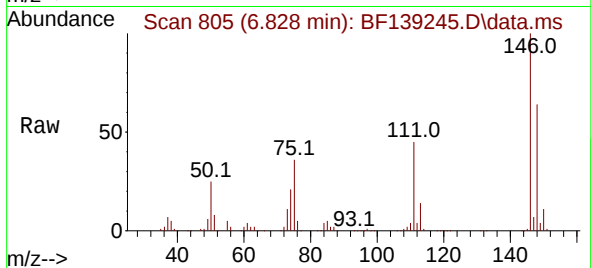
Tgt Ion:146 Resp: 429928

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

75 36.4 27.3 40.9



#13

1,4-Dichlorobenzene

Concen: 42.398 ng

RT: 6.904 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

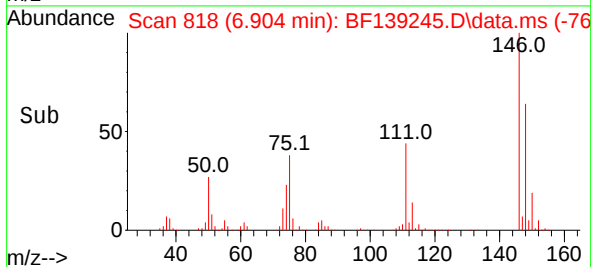
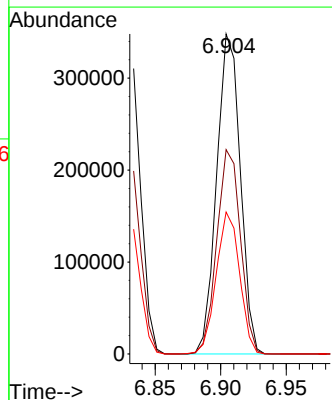
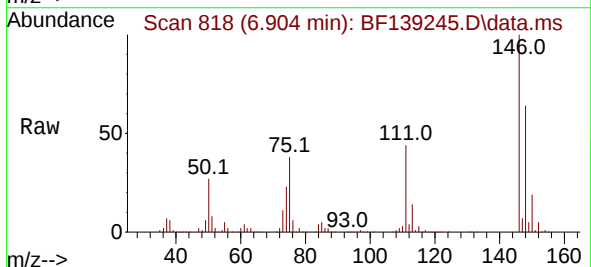
Tgt Ion:146 Resp: 436081

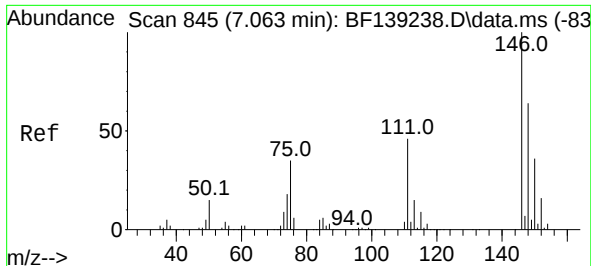
Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 44.3 34.6 51.8





#14

1,2-Dichlorobenzene

Concen: 43.422 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

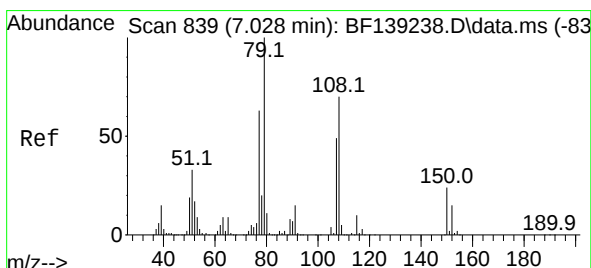
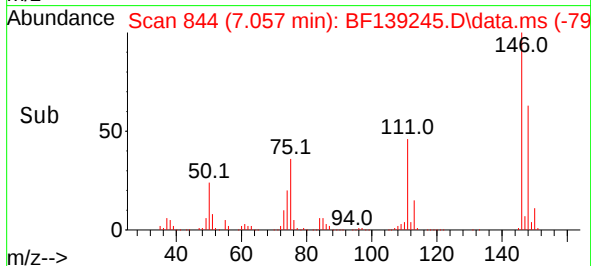
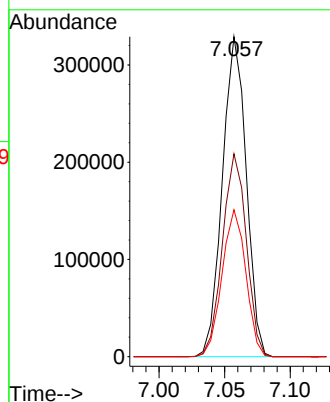
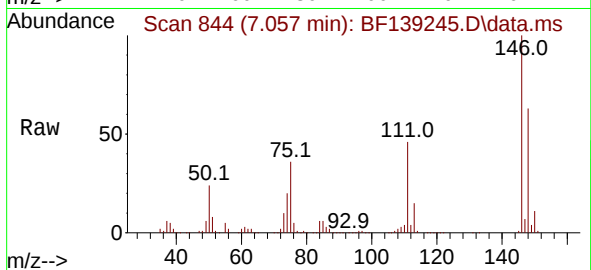
Tgt Ion:146 Resp: 416535

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

111 45.9 36.6 55.0



#15

Benzyl Alcohol

Concen: 46.375 ng

RT: 7.028 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

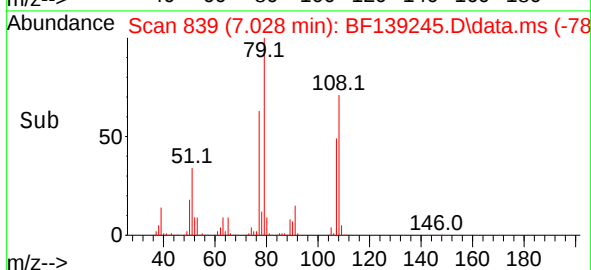
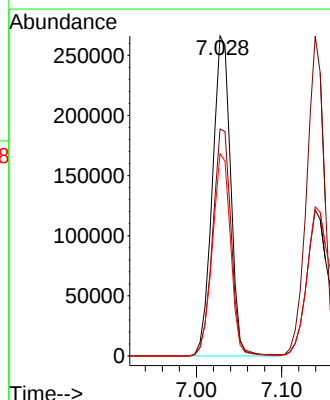
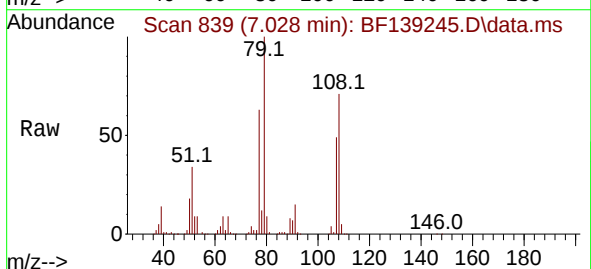
Tgt Ion: 79 Resp: 395508

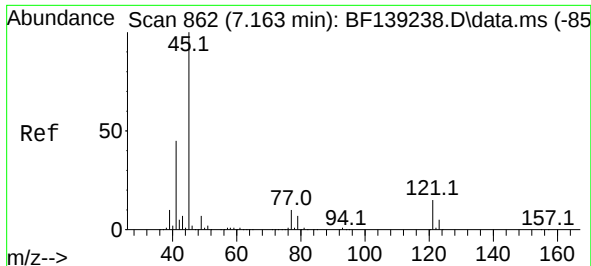
Ion Ratio Lower Upper

79 100

108 70.9 56.1 84.1

77 63.2 50.6 76.0





#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.287 ng

RT: 7.157 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

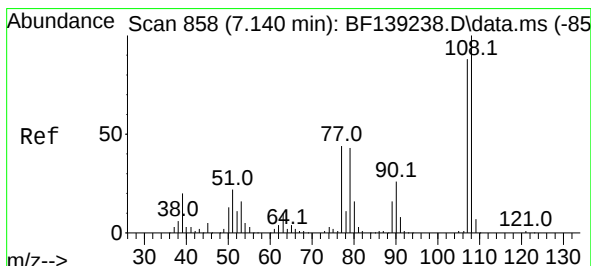
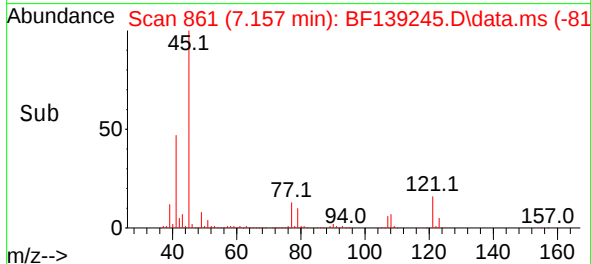
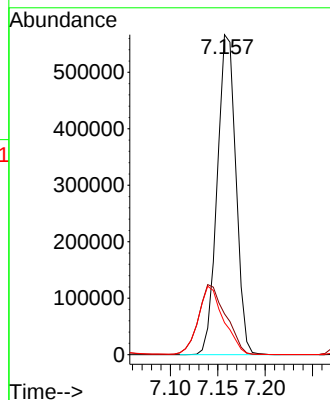
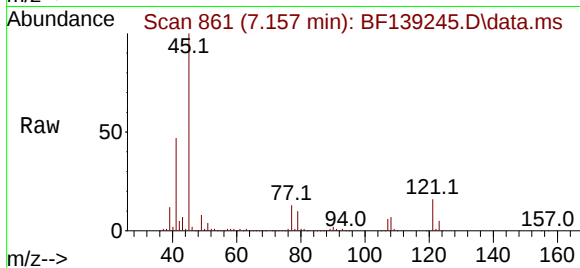
Tgt Ion: 45 Resp: 778697

Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.0

79 10.0 0.0 27.6



#17

2-Methylphenol

Concen: 45.244 ng

RT: 7.139 min Scan# 858

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Tgt Ion:107 Resp: 335527

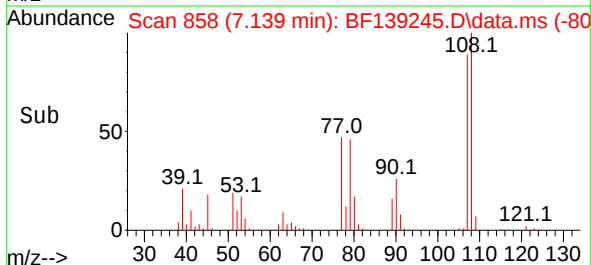
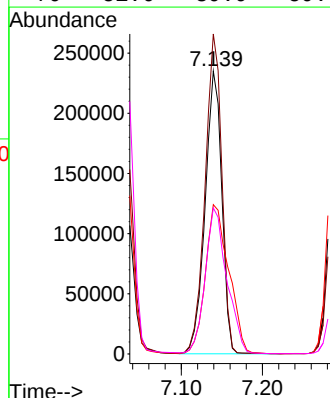
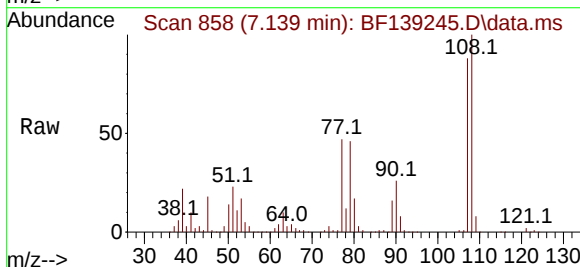
Ion Ratio Lower Upper

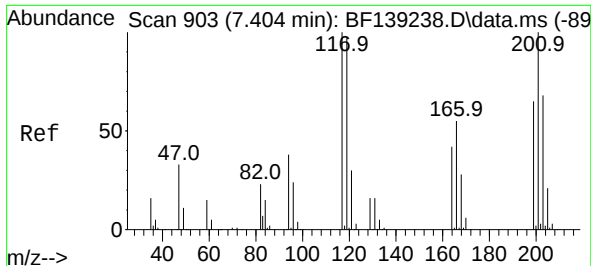
107 100

108 113.1 91.4 137.2

77 52.8 40.1 60.1

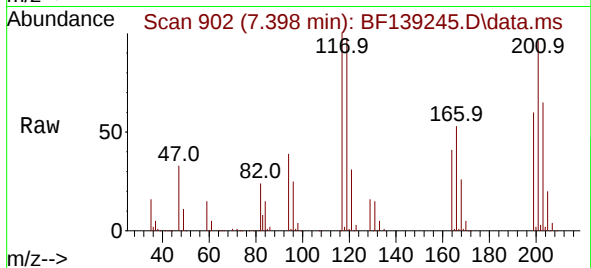
79 51.6 39.9 59.9



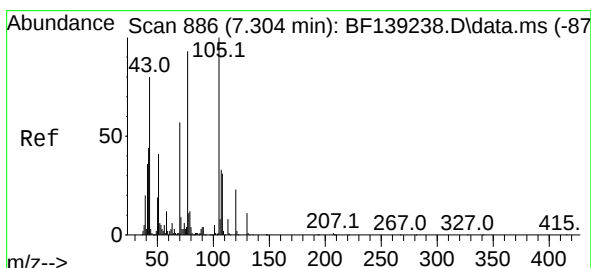
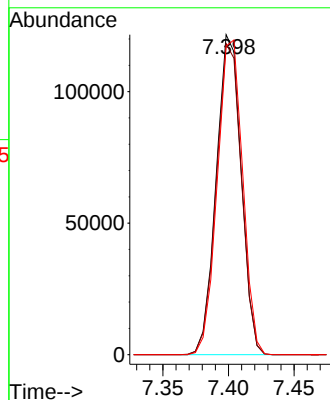
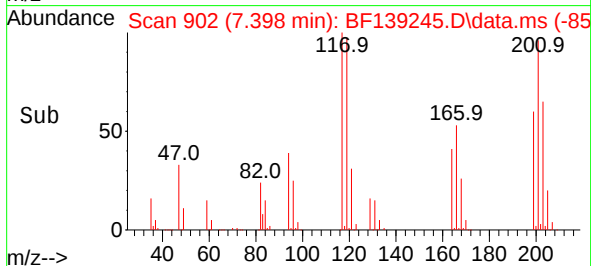


#18
Hexachloroethane
Concen: 43.801 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

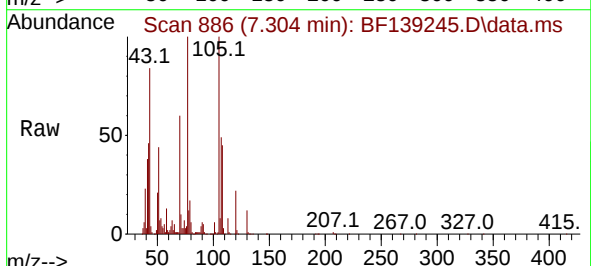
Instrument :
BNA_F
ClientSampleId :
IDOC-02



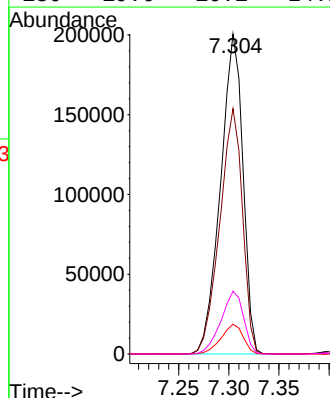
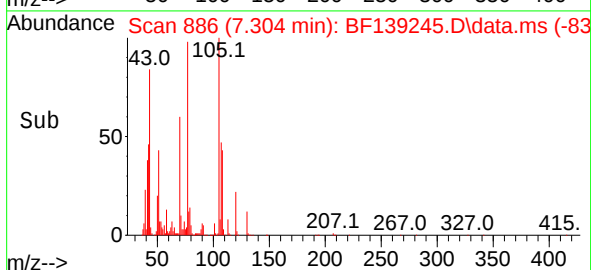
Tgt Ion:117 Resp: 160902
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.2
201 96.4 80.0 120.0

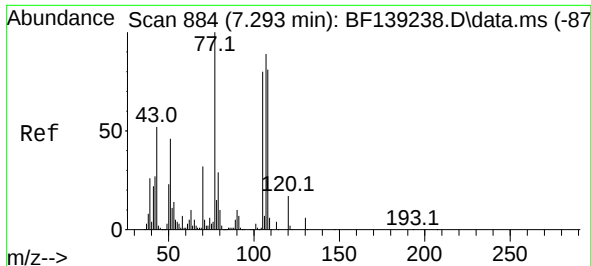


#19
n-Nitroso-di-n-propylamine
Concen: 46.270 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48



Tgt Ion: 70 Resp: 311645
Ion Ratio Lower Upper
70 100
42 76.7 61.0 91.6
101 9.3 7.2 10.8
130 19.6 16.1 24.1





#20

3+4-Methylphenols

Concen: 44.420 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion:107 Resp: 415170

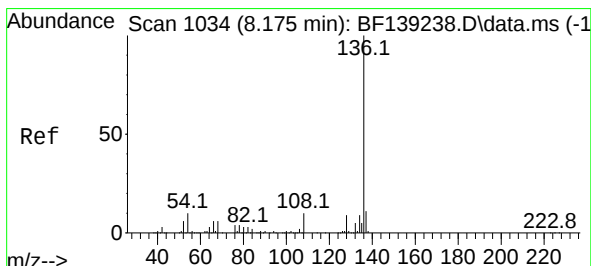
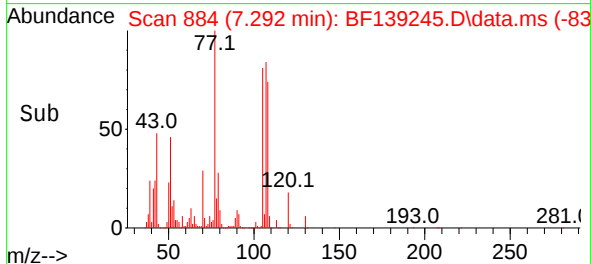
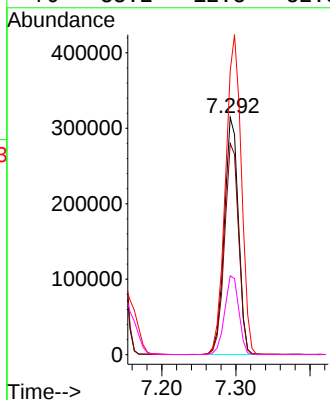
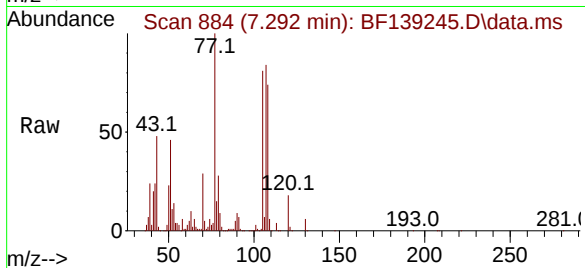
Ion Ratio Lower Upper

107 100

108 89.0 70.4 110.4

77 119.7 92.2 132.2

79 33.2 12.8 52.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Tgt Ion:136 Resp: 569414

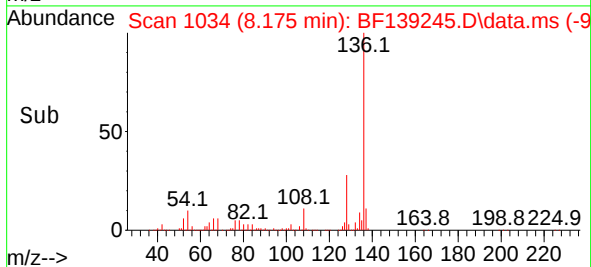
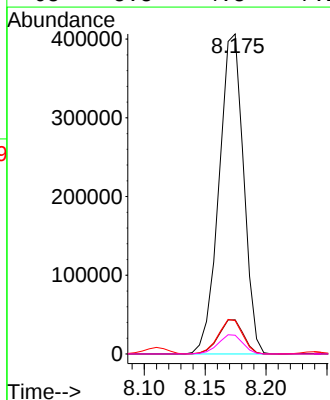
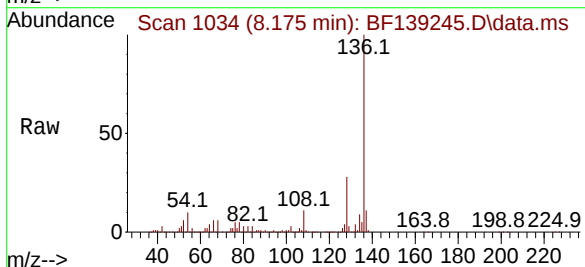
Ion Ratio Lower Upper

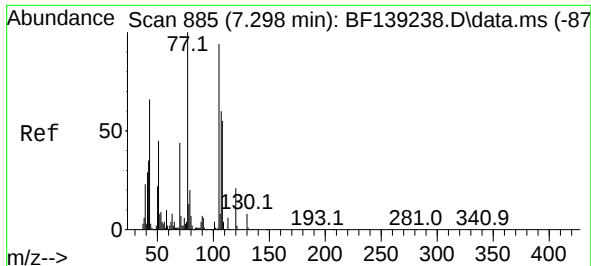
136 100

137 10.7 8.6 13.0

54 10.4 8.4 12.6

68 5.8 4.8 7.2

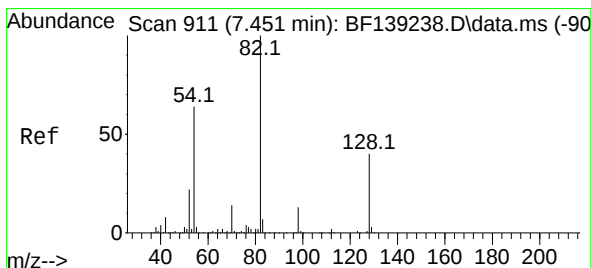
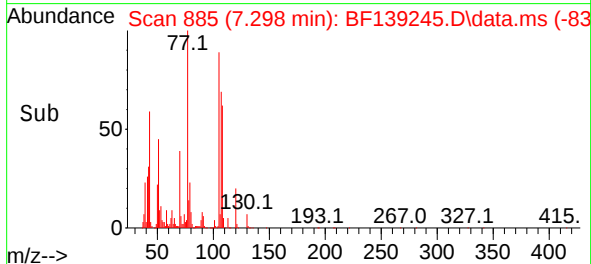
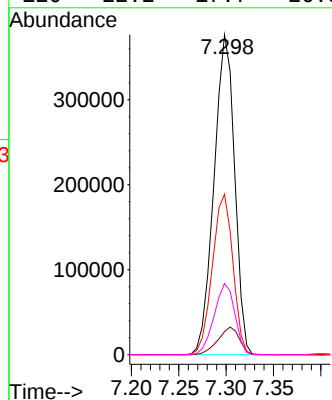
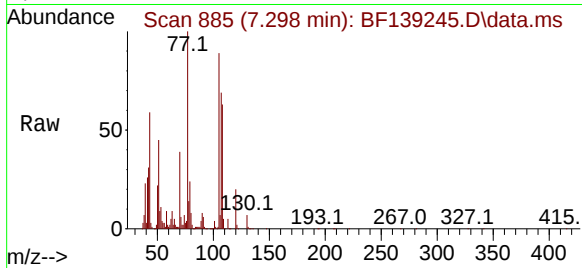




#22
Acetophenone
Concen: 42.028 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

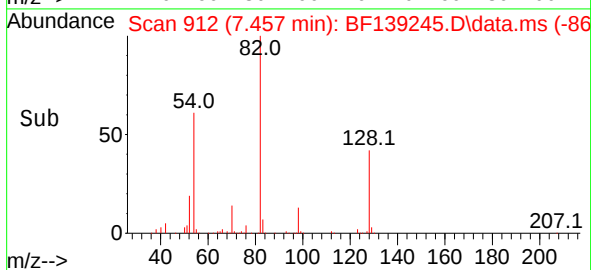
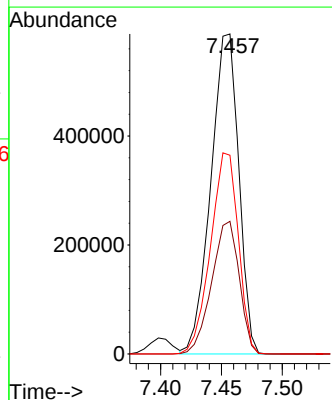
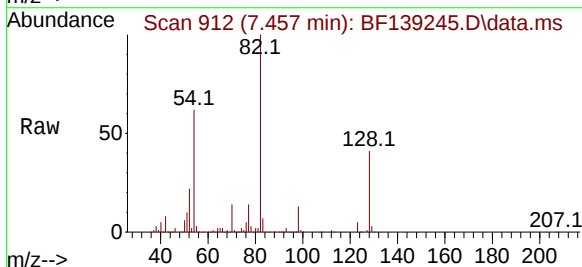
Instrument :
BNA_F
ClientSampleId :
IDOC-02

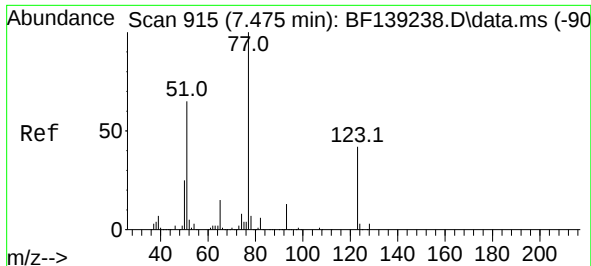
Tgt Ion:	105	Resp:	570131
Ion Ratio	Lower	Upper	
105	100		
71	7.2	6.2	9.2
51	50.2	38.2	57.2
120	22.2	17.7	26.5



#23
Nitrobenzene-d5
Concen: 85.575 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:	82	Resp:	936662
Ion Ratio	Lower	Upper	
82	100		
128	41.5	32.3	48.5
54	62.1	51.2	76.8

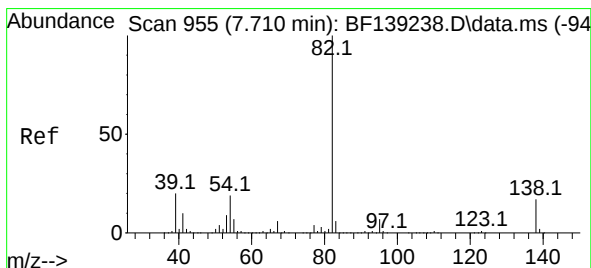
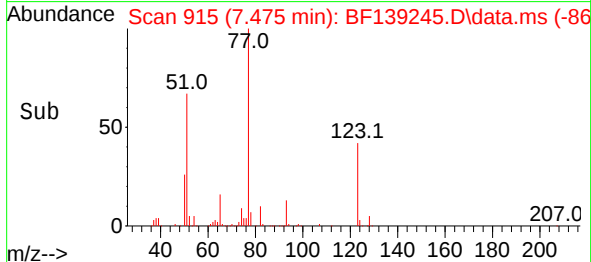
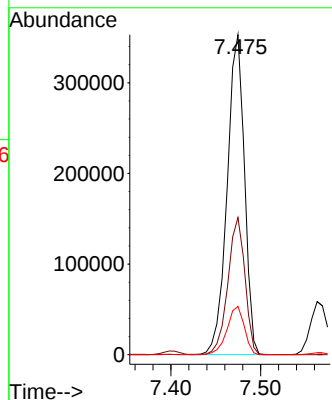
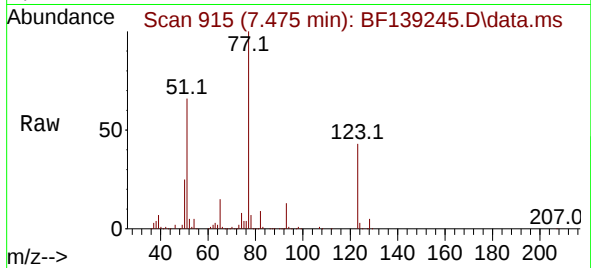




#24
Nitrobenzene
Concen: 40.738 ng
RT: 7.475 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

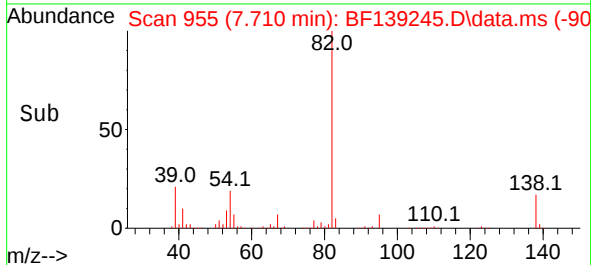
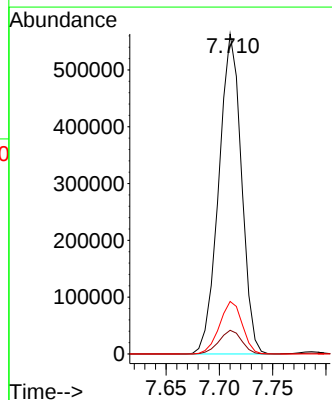
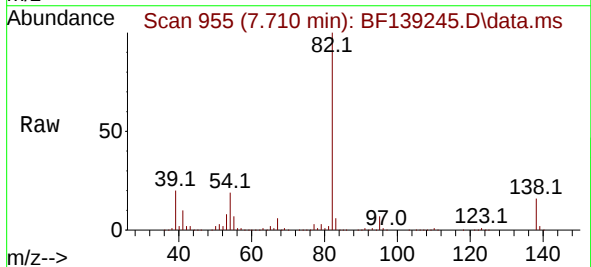
Instrument :
BNA_F
ClientSampleId :
IDOC-02

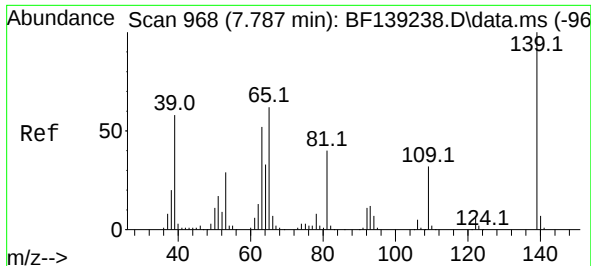
Tgt Ion: 77 Resp: 473269
Ion Ratio Lower Upper
77 100
123 42.9 34.0 51.0
65 15.1 12.1 18.1



#25
Isophorone
Concen: 44.449 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion: 82 Resp: 831778
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.4 13.4 20.0

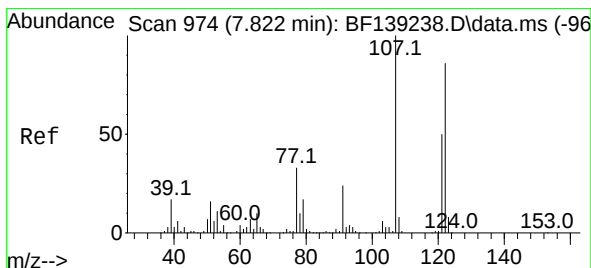
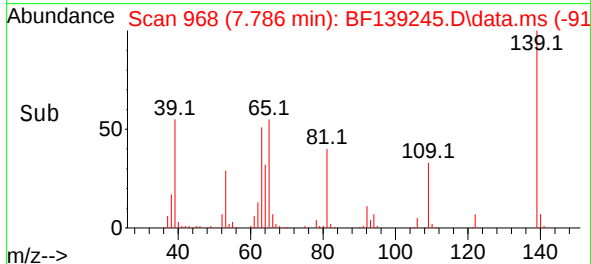
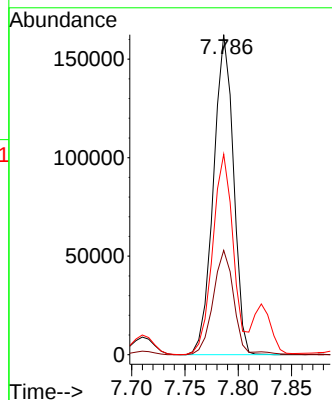
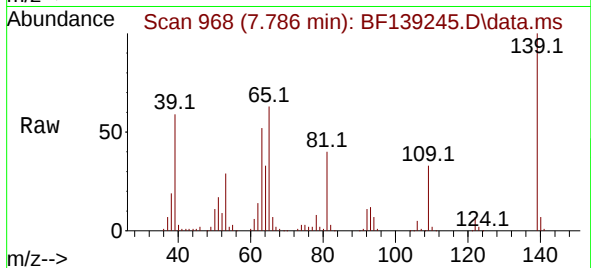




#26
2-Nitrophenol
Concen: 46.573 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

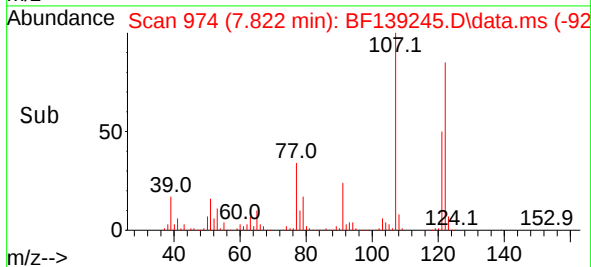
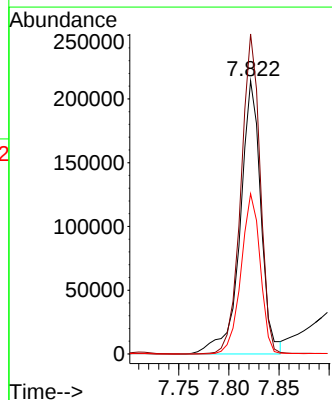
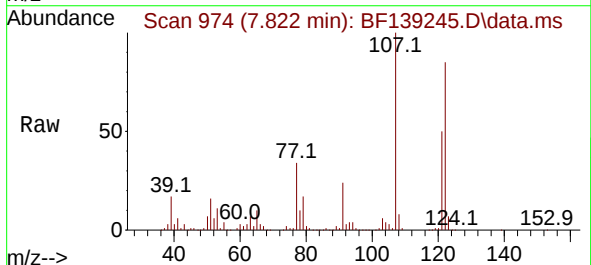
Instrument :
BNA_F
ClientSampleId :
IDOC-02

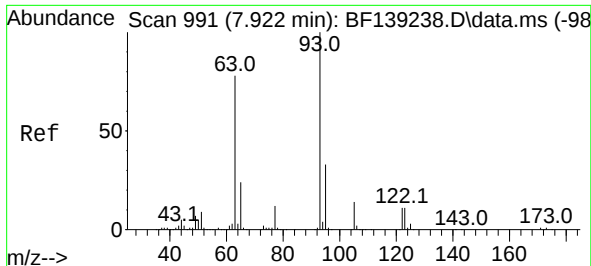
Tgt Ion:139 Resp: 212508
Ion Ratio Lower Upper
139 100
109 32.6 25.4 38.2
65 62.7 49.4 74.2



#27
2,4-Dimethylphenol
Concen: 47.259 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:122 Resp: 307536
Ion Ratio Lower Upper
122 100
107 117.1 93.4 140.2
121 58.6 46.6 70.0

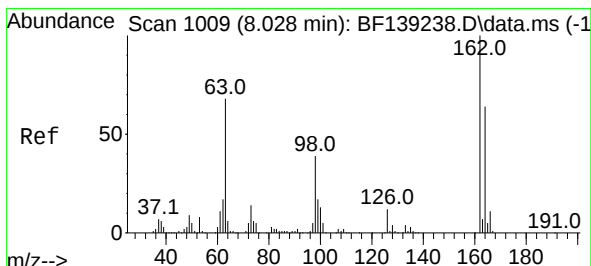
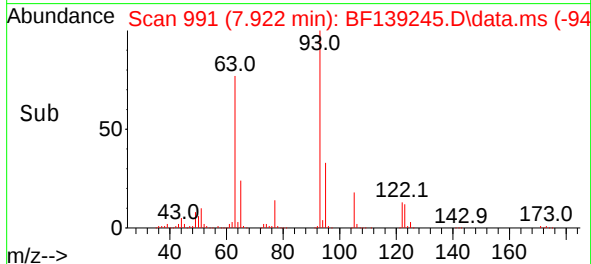
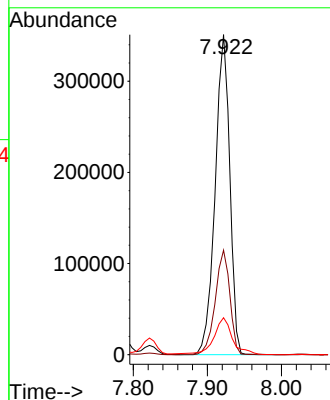
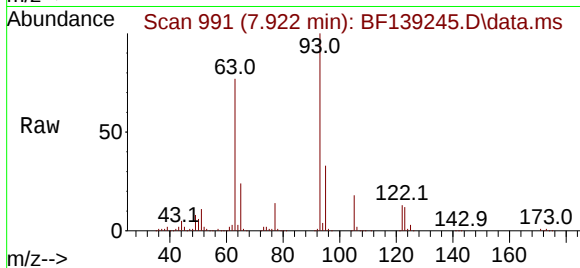




#28
bis(2-Chloroethoxy)methane
Concen: 43.012 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

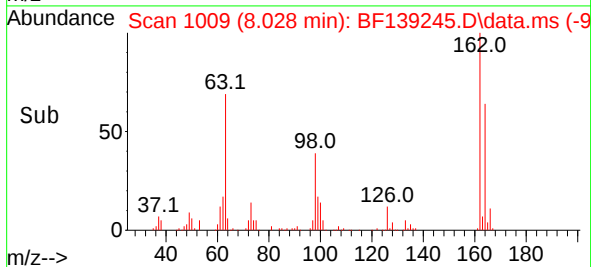
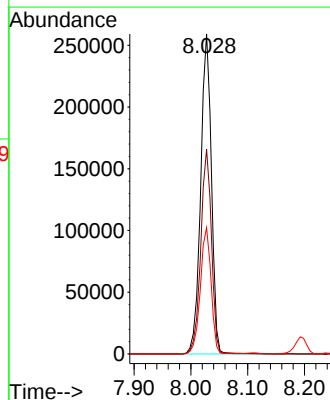
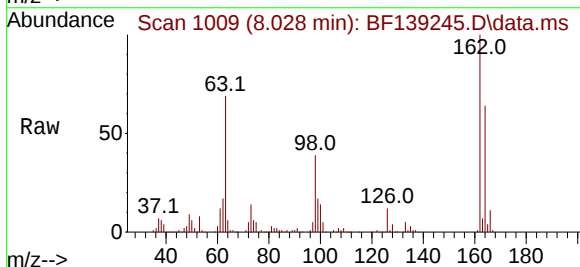
Instrument :
BNA_F
ClientSampleId :
IDOC-02

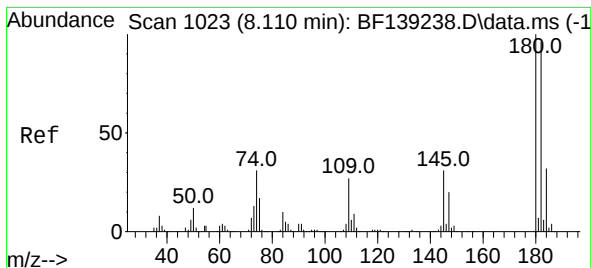
Tgt Ion: 93 Resp: 479545
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 11.6 9.6 14.4



#29
2,4-Dichlorophenol
Concen: 43.880 ng
RT: 8.028 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion: 162 Resp: 341899
Ion Ratio Lower Upper
162 100
164 64.0 43.6 83.6
98 39.5 19.5 59.5





#30

1,2,4-Trichlorobenzene

Concen: 41.680 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

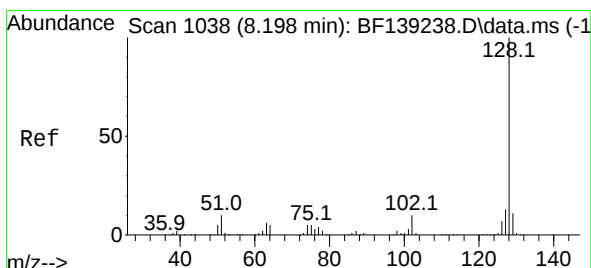
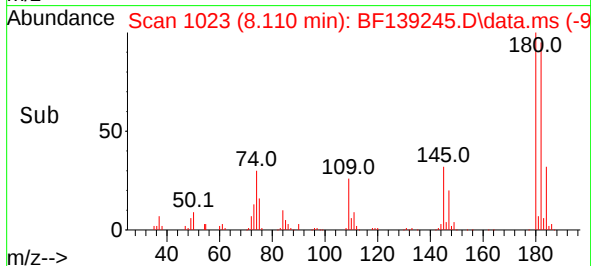
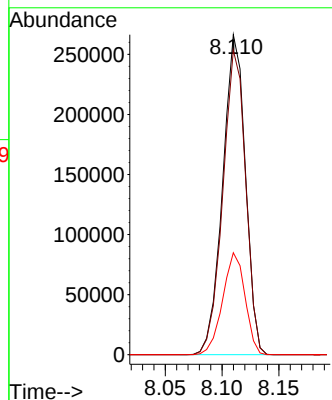
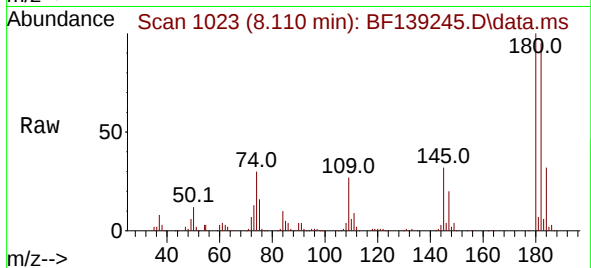
Tgt Ion:180 Resp: 370903

Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

145 31.9 25.1 37.7



#31

Naphthalene

Concen: 41.220 ng

RT: 8.192 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

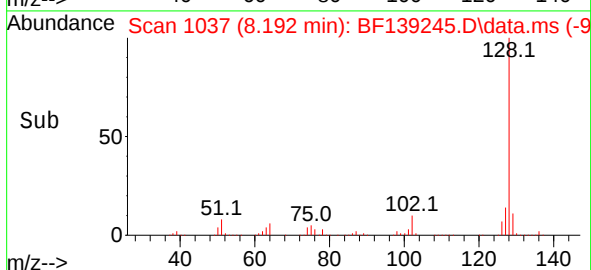
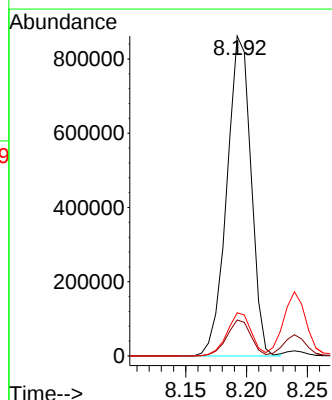
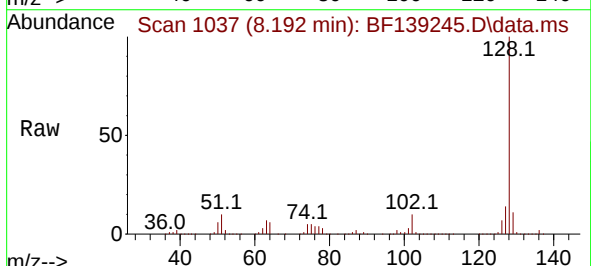
Tgt Ion:128 Resp: 1188615

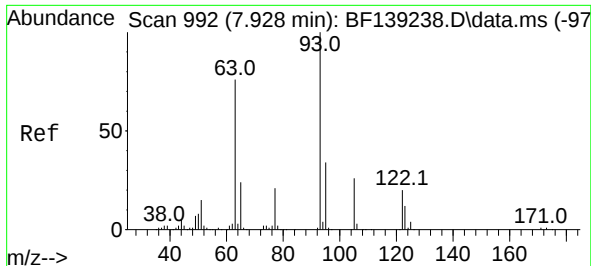
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.5 10.6 15.8





#32

Benzoic acid

Concen: 42.635 ng

RT: 7.945 min Scan# 992

Delta R.T. 0.017 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

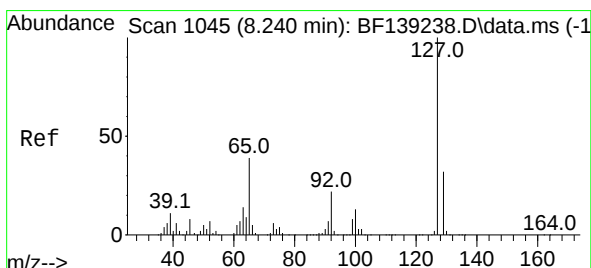
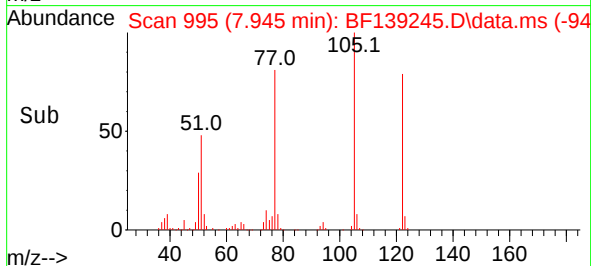
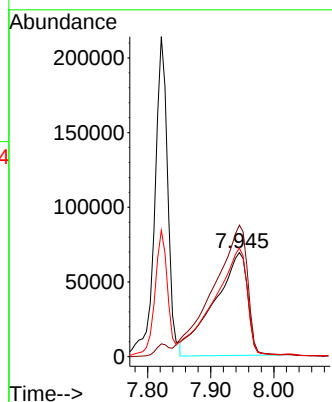
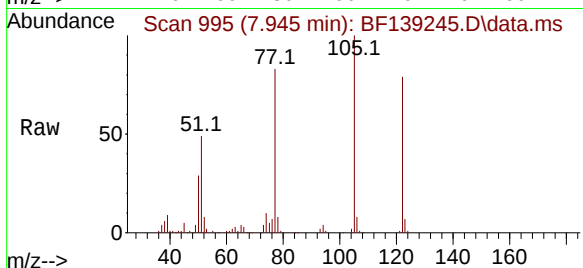
Tgt Ion:122 Resp: 252715

Ion Ratio Lower Upper

122 100

105 126.4 106.3 146.3

77 104.4 84.1 124.1



#33

4-Chloroaniline

Concen: 22.765 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Tgt Ion:127 Resp: 227294

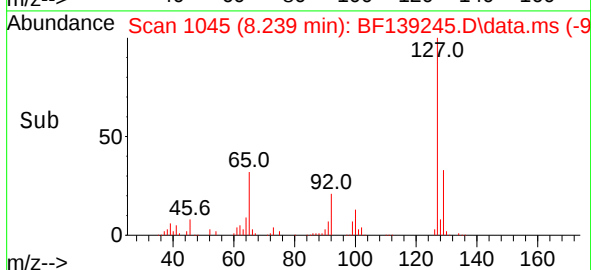
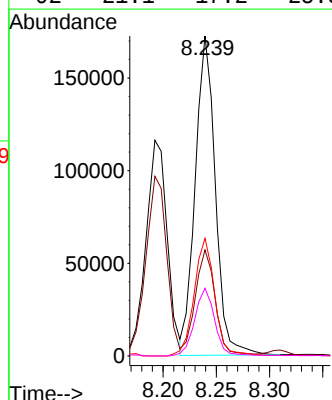
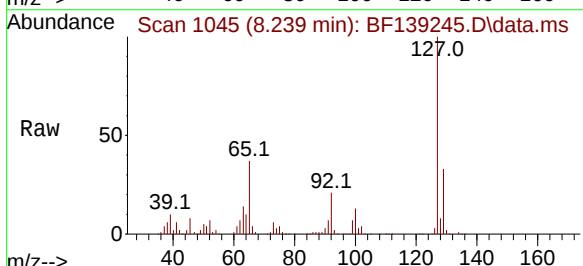
Ion Ratio Lower Upper

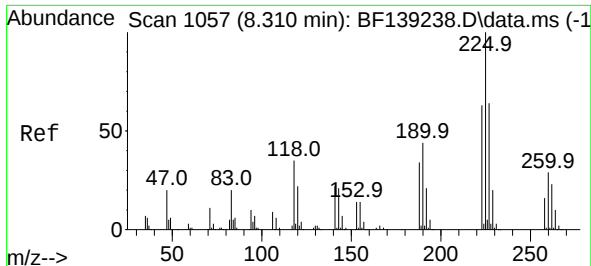
127 100

129 33.1 25.8 38.6

65 36.8 30.6 45.8

92 21.1 17.2 25.8

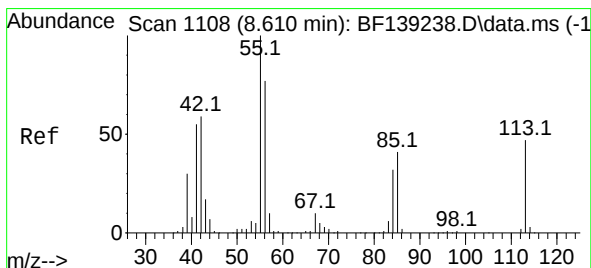
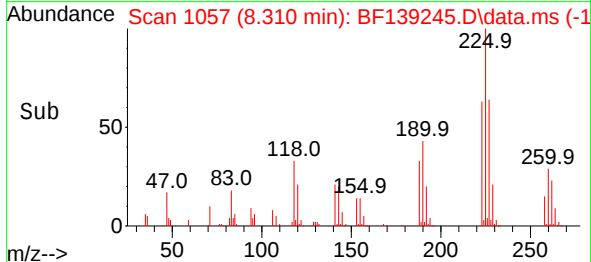
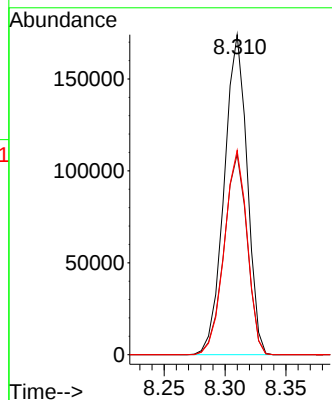
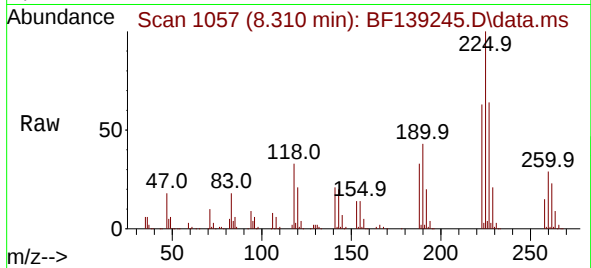




#34
Hexachlorobutadiene
Concen: 40.471 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

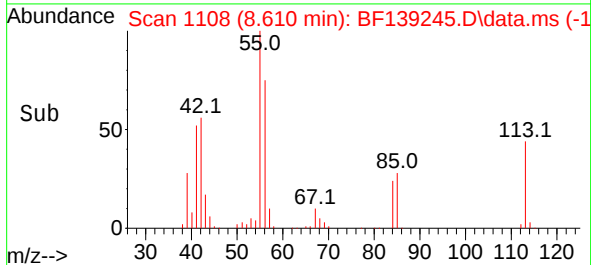
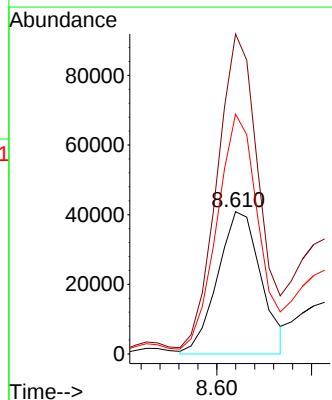
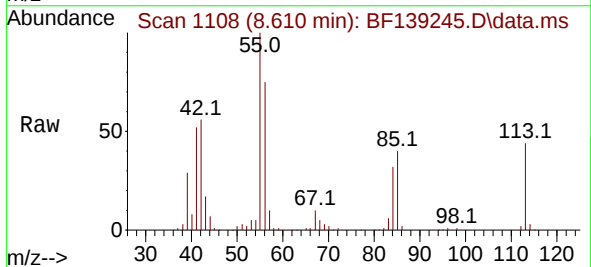
Instrument :
BNA_F
ClientSampleId :
IDOC-02

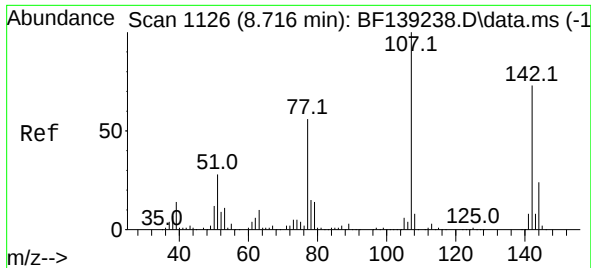
Tgt Ion:225 Resp: 228207
Ion Ratio Lower Upper
225 100
223 62.6 50.7 76.1
227 63.9 51.5 77.3



#35
Caprolactam
Concen: 26.976 ng
RT: 8.610 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:113 Resp: 65071
Ion Ratio Lower Upper
113 100
55 224.9 193.7 233.7
56 168.5 145.0 185.0





#36

4-Chloro-3-methylphenol

Concen: 43.850 ng

RT: 8.722 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

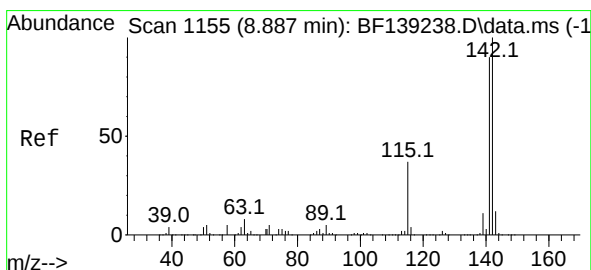
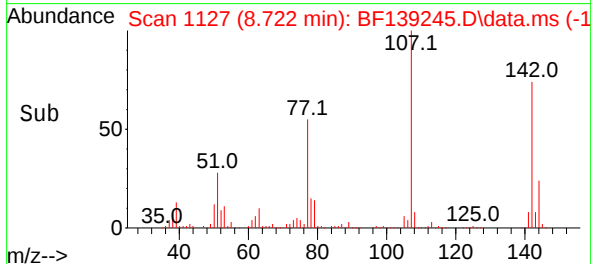
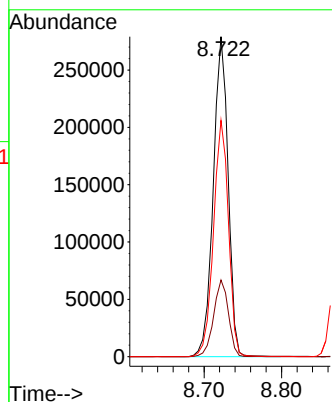
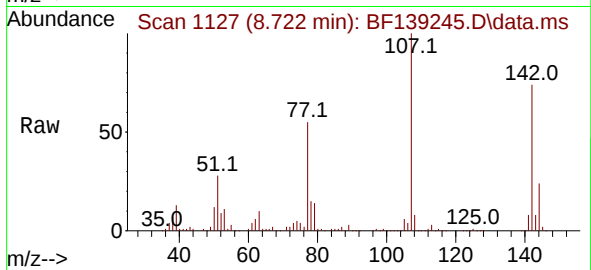
Tgt Ion:107 Resp: 372314

Ion Ratio Lower Upper

107 100

144 24.0 19.1 28.7

142 73.9 58.3 87.5



#37

2-Methylnaphthalene

Concen: 41.972 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139245.D

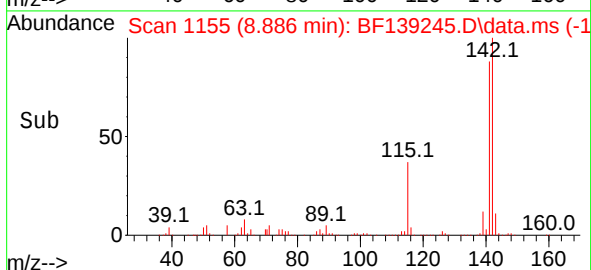
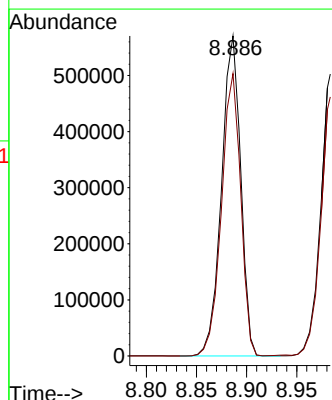
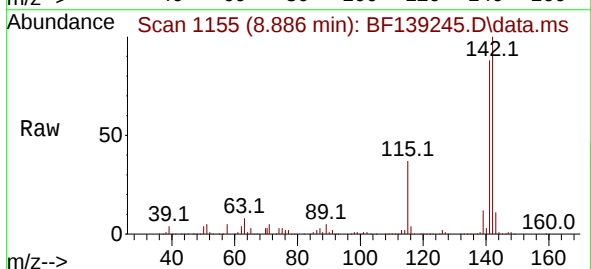
Acq: 04 Sep 2024 17:48

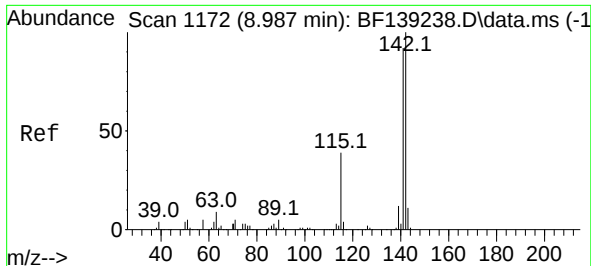
Tgt Ion:142 Resp: 757227

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4





#38

1-Methylnaphthalene

Concen: 39.351 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

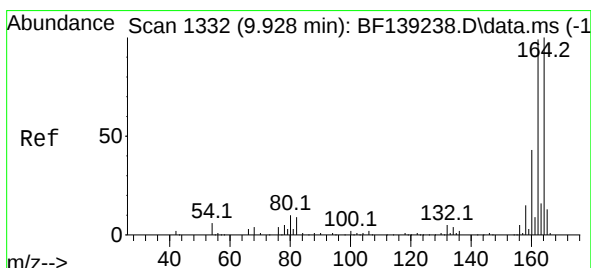
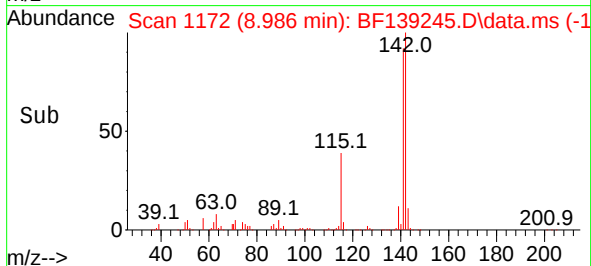
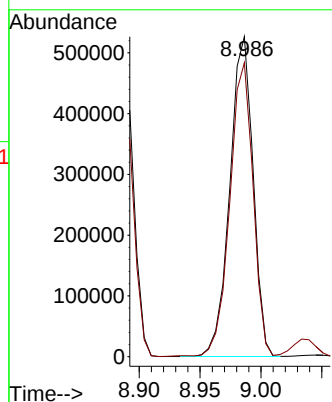
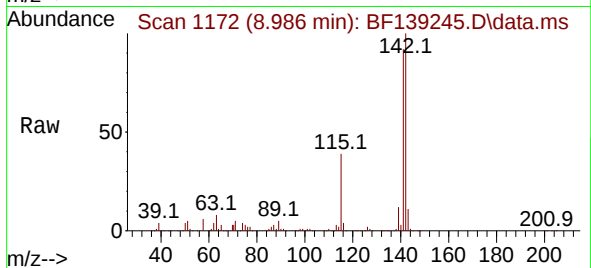
IDOC-02

Tgt Ion:142 Resp: 698230

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

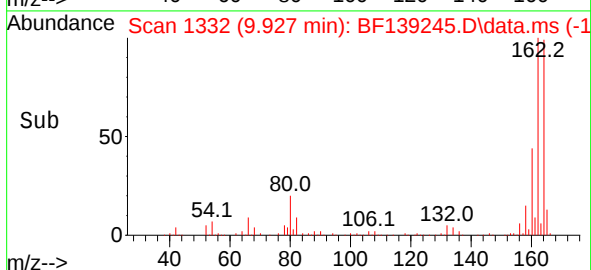
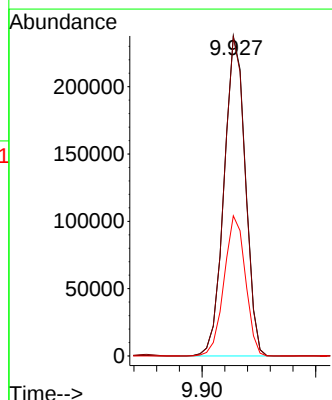
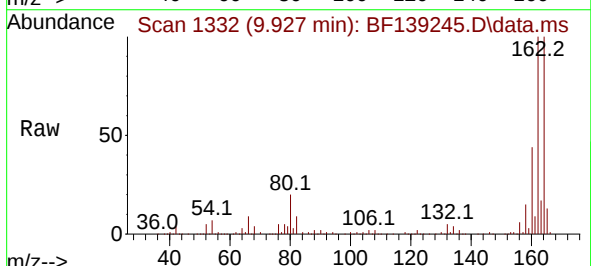
Tgt Ion:164 Resp: 309446

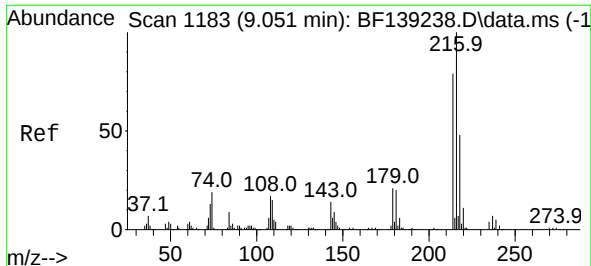
Ion Ratio Lower Upper

164 100

162 99.7 79.2 118.8

160 43.8 34.2 51.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.901 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion:216 Resp: 358093

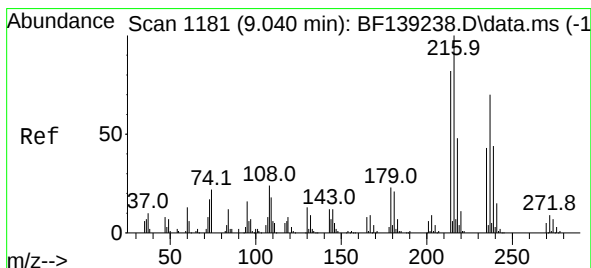
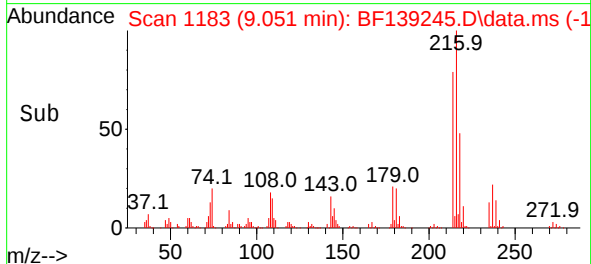
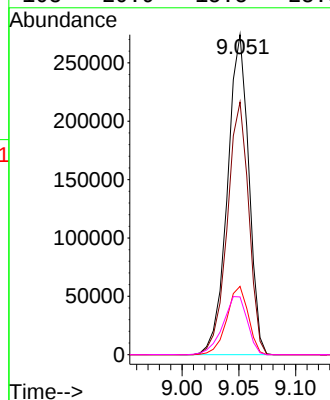
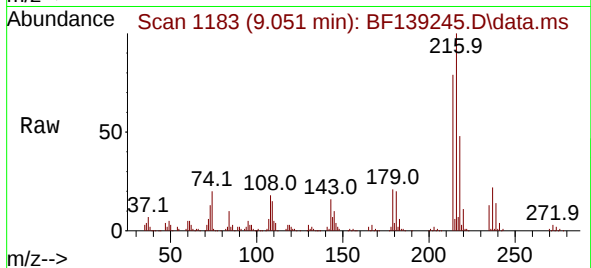
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 21.5 16.9 25.3

108 20.9 15.5 23.3



#41

Hexachlorocyclopentadiene

Concen: 117.417 ng

RT: 9.039 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

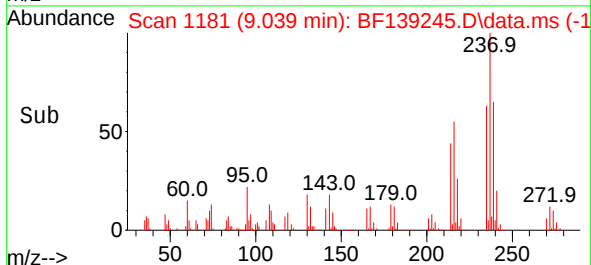
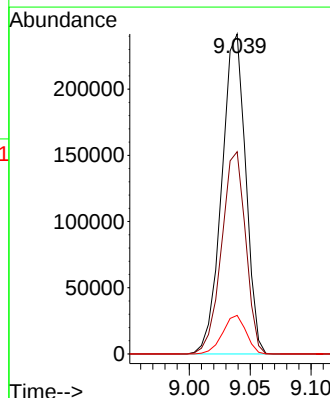
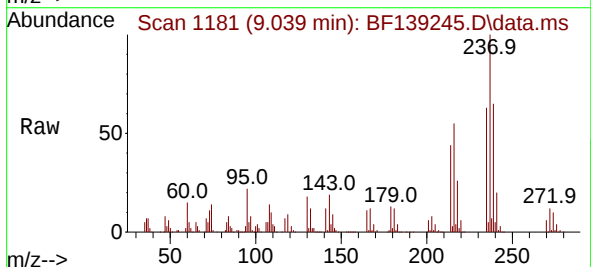
Tgt Ion:237 Resp: 330371

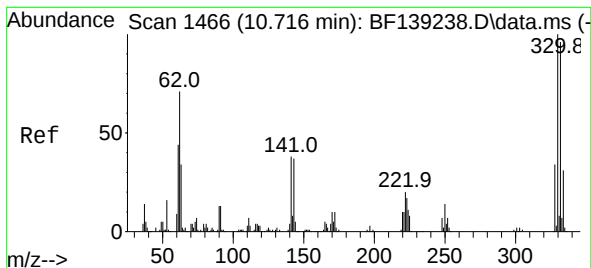
Ion Ratio Lower Upper

237 100

235 63.2 41.4 81.4

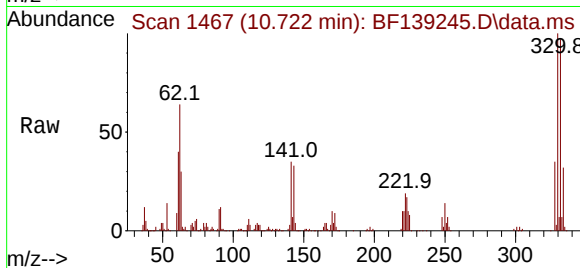
272 12.1 0.0 32.2



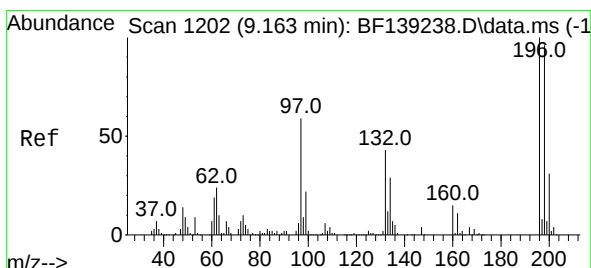
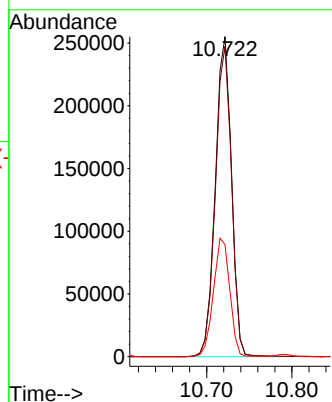
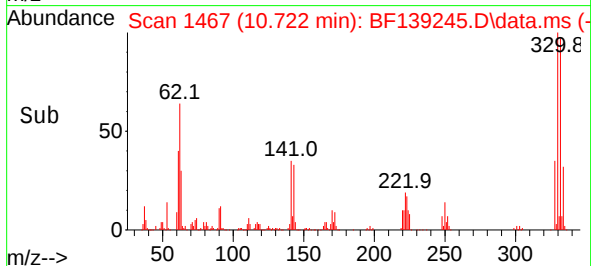


#42
2,4,6-Tribromophenol
Concen: 125.923 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

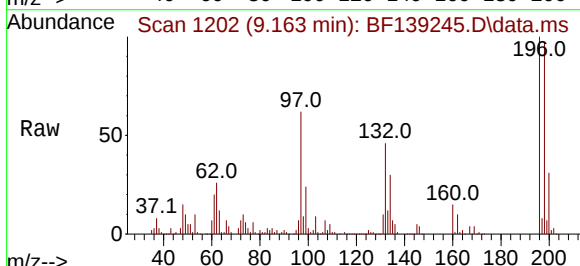
Instrument :
BNA_F
ClientSampleId :
IDOC-02



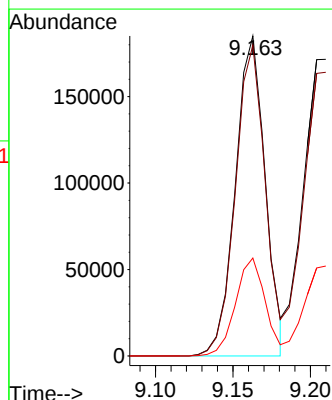
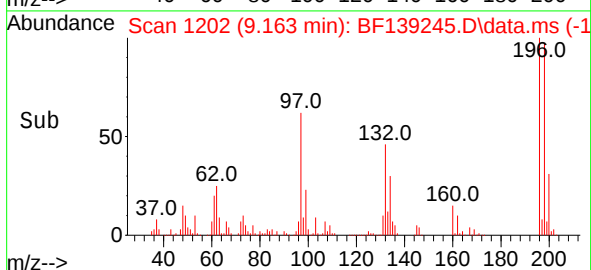
Tgt Ion:330 Resp: 336480
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 37.5 30.1 45.1

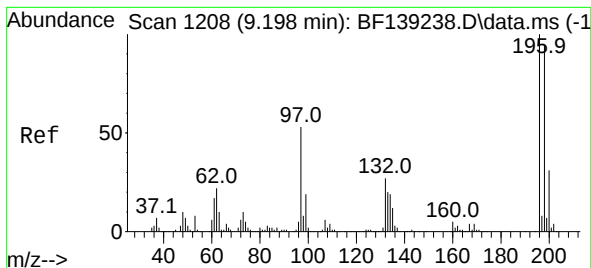


#43
2,4,6-Trichlorophenol
Concen: 43.217 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48



Tgt Ion:196 Resp: 247562
Ion Ratio Lower Upper
196 100
198 97.1 77.0 115.4
200 30.6 24.7 37.1





#44

2,4,5-Trichlorophenol

Concen: 43.644 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.012 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion:196 Resp: 261987

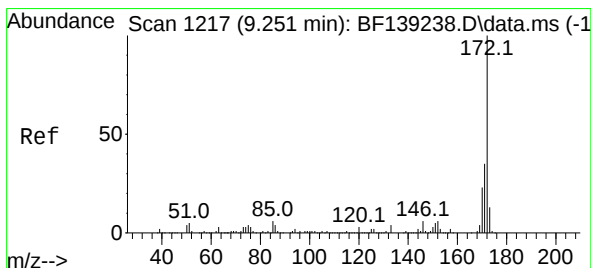
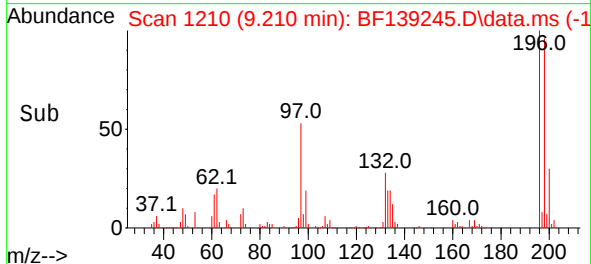
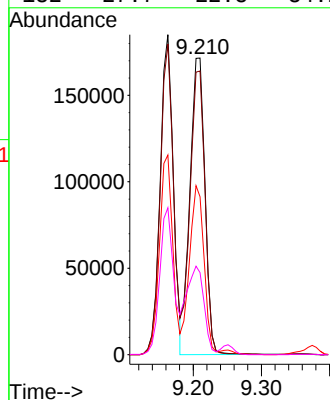
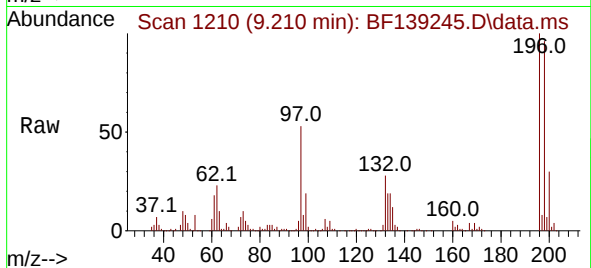
Ion Ratio Lower Upper

196 100

198 95.6 75.6 113.4

97 53.2 43.6 65.4

132 27.7 22.8 34.2



#45

2-Fluorobiphenyl

Concen: 81.250 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

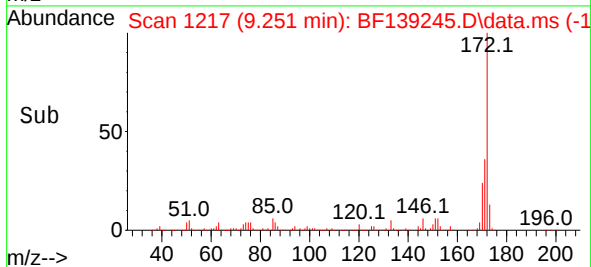
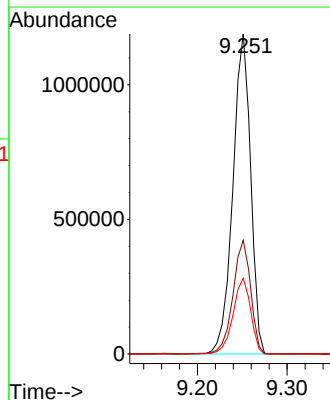
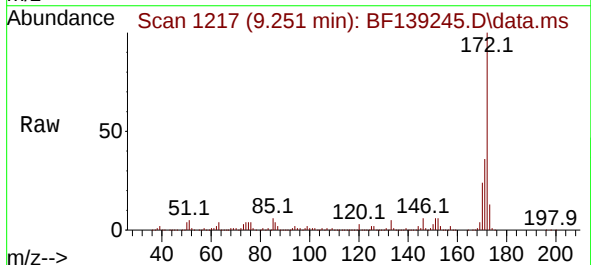
Tgt Ion:172 Resp: 1628770

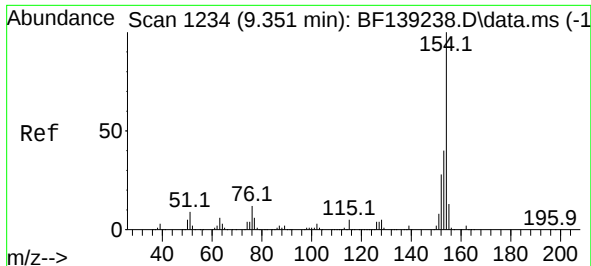
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 18.7 28.1





#46

1,1'-Biphenyl

Concen: 41.144 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

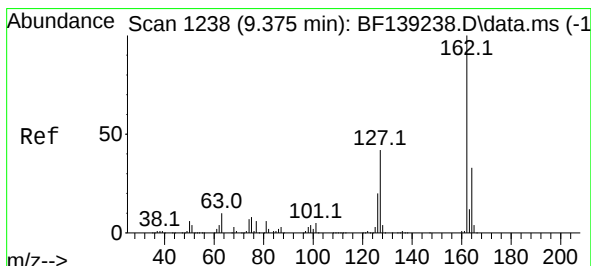
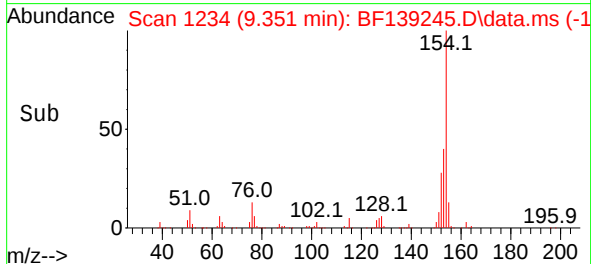
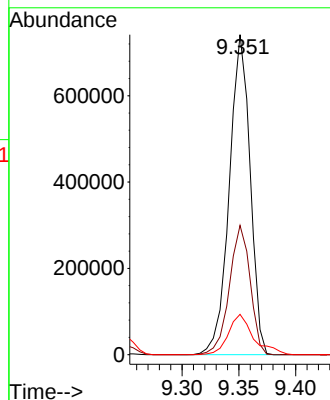
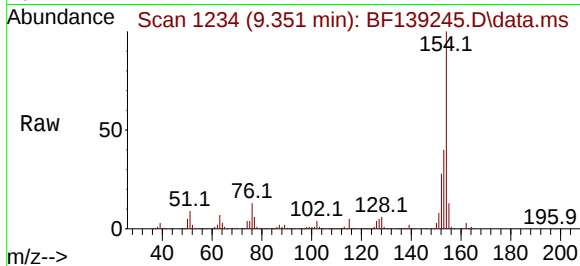
Tgt Ion:154 Resp: 943303

Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 12.6 0.0 32.3



#47

2-Chloronaphthalene

Concen: 40.839 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

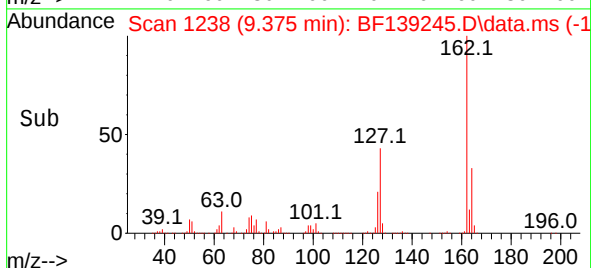
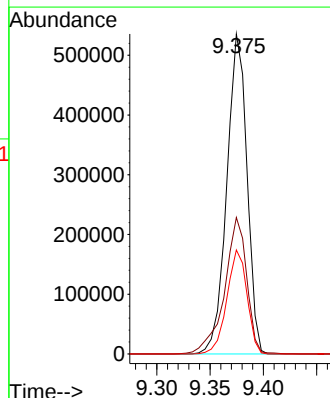
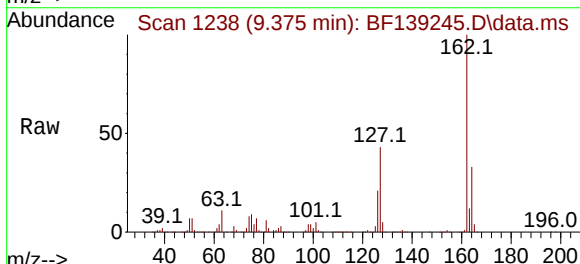
Tgt Ion:162 Resp: 707000

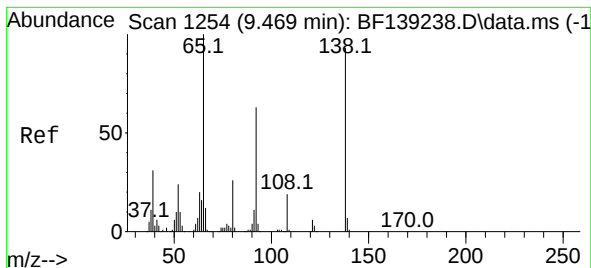
Ion Ratio Lower Upper

162 100

127 42.7 34.2 51.4

164 32.5 26.2 39.2





#48

2-Nitroaniline

Concen: 46.155 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

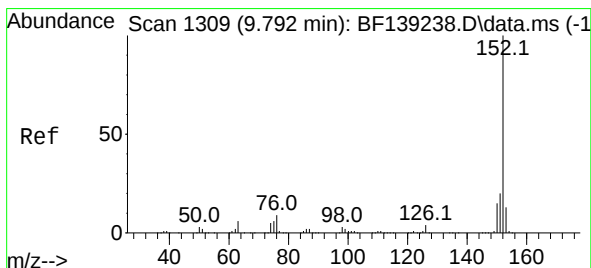
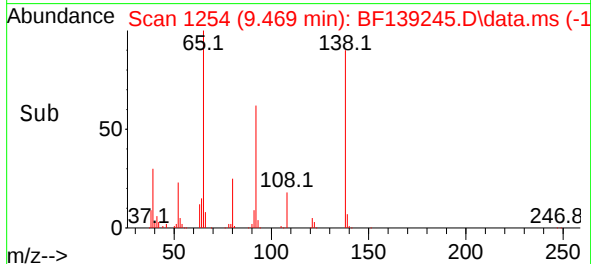
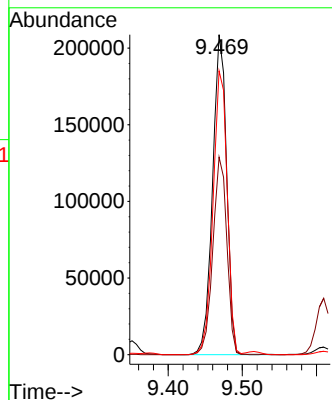
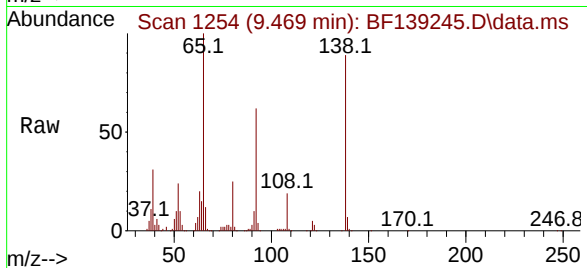
Tgt Ion: 65 Resp: 275220

Ion Ratio Lower Upper

65 100

92 61.8 50.4 75.6

138 88.7 74.2 111.4



#49

Acenaphthylene

Concen: 44.785 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

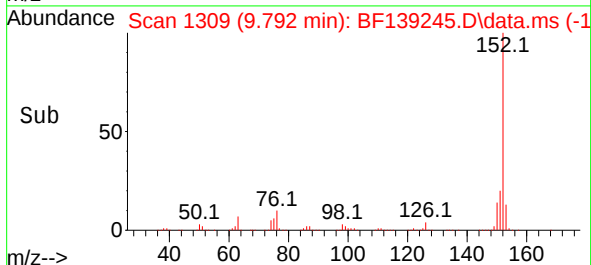
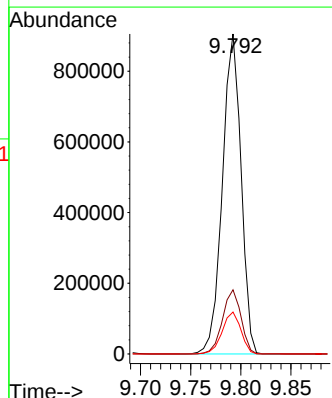
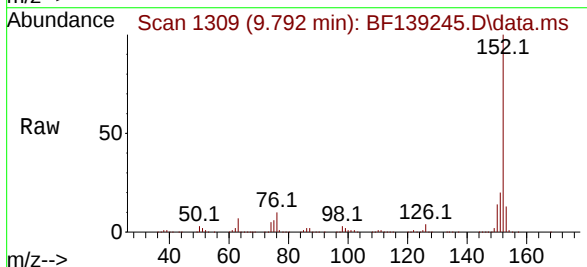
Tgt Ion:152 Resp: 1167738

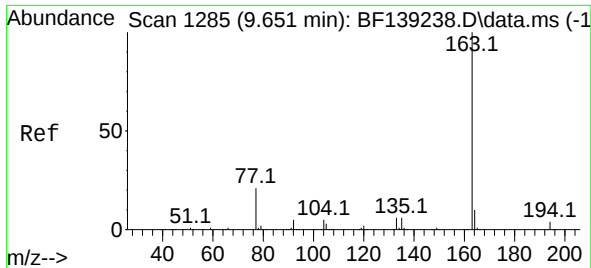
Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.1 10.4 15.6

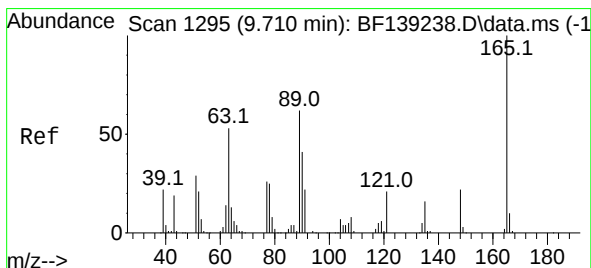
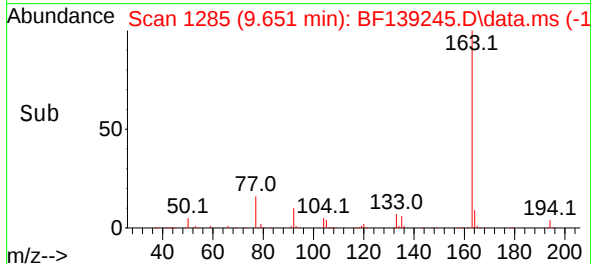
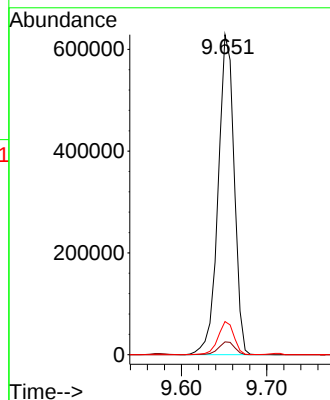
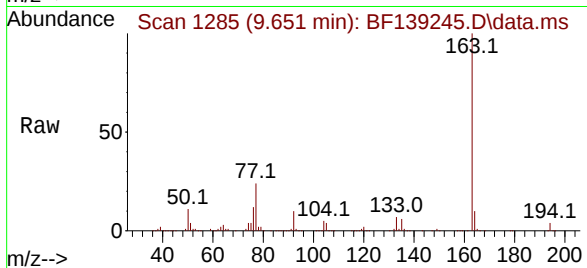




#50
Dimethylphthalate
Concen: 43.787 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

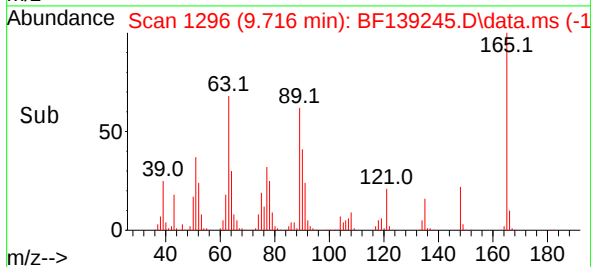
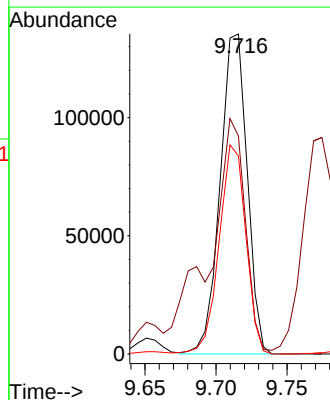
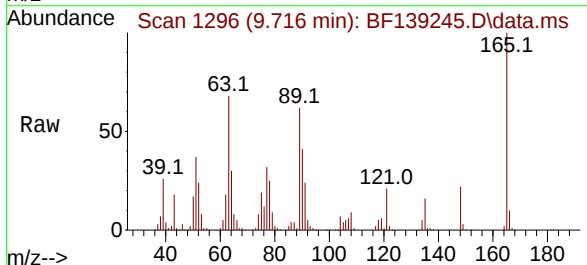
Instrument :
BNA_F
ClientSampleId :
IDOC-02

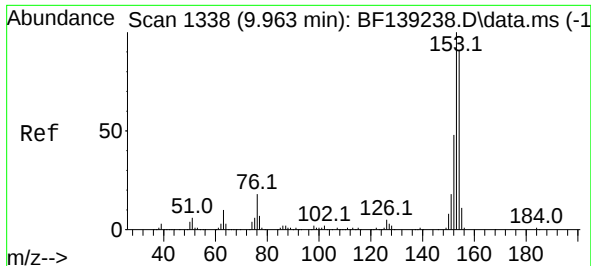
Tgt Ion:163 Resp: 821248
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 42.081 ng
RT: 9.716 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:165 Resp: 179052
Ion Ratio Lower Upper
165 100
63 68.1 56.1 84.1
89 61.8 49.7 74.5





#52

Acenaphthene

Concen: 45.929 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

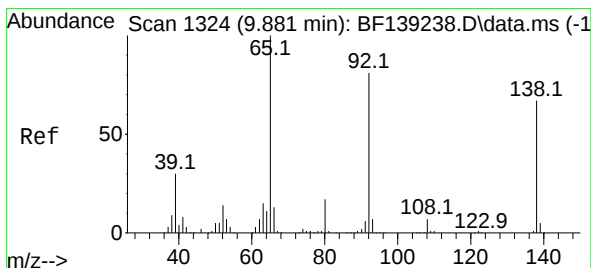
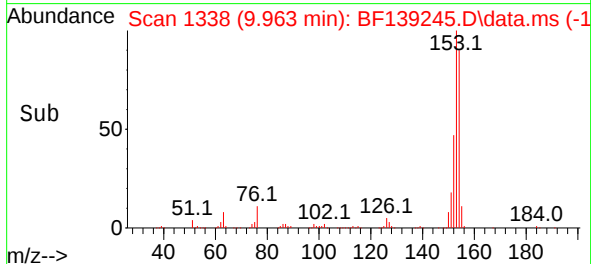
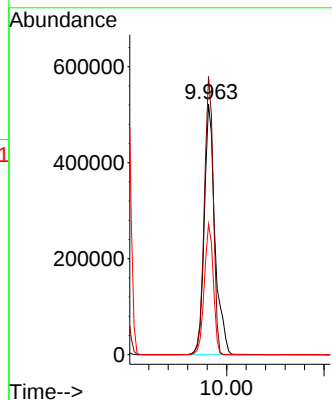
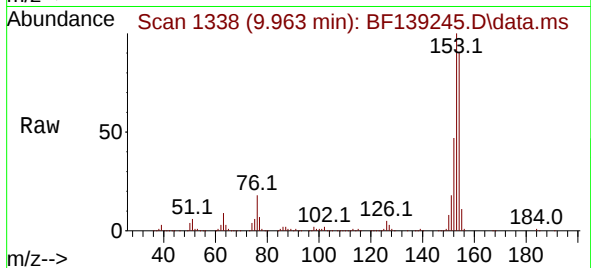
Tgt Ion:154 Resp: 794300

Ion Ratio Lower Upper

154 100

153 110.9 87.8 131.6

152 52.1 41.7 62.5



#53

3-Nitroaniline

Concen: 32.298 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

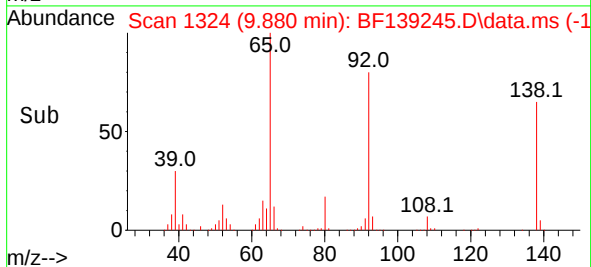
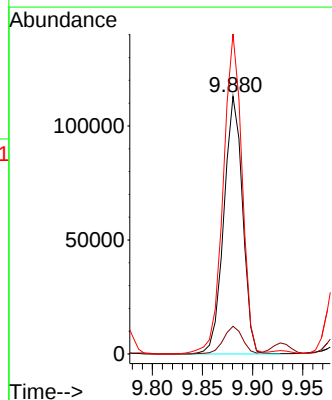
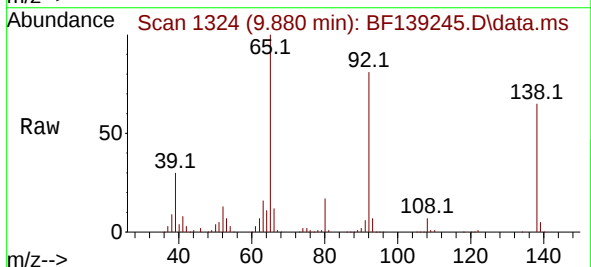
Tgt Ion:138 Resp: 146417

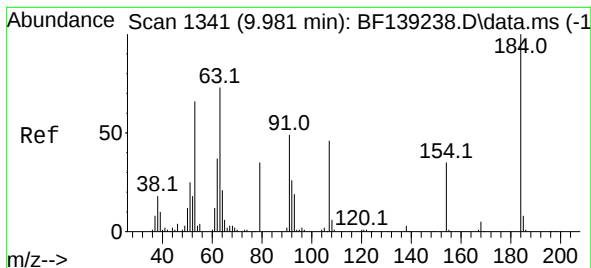
Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

92 124.2 96.4 144.6





#54

2,4-Dinitrophenol

Concen: 86.257 ng

RT: 9.986 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

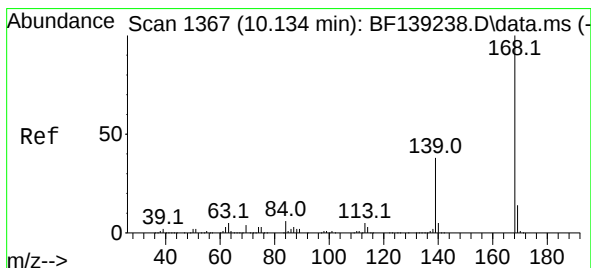
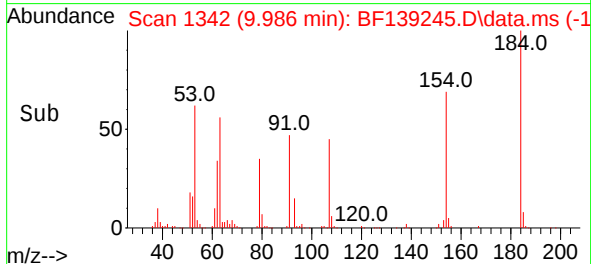
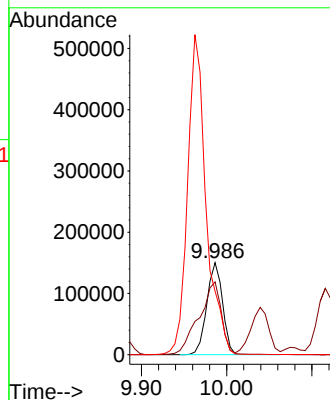
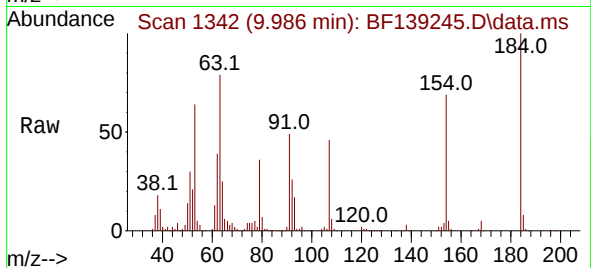
Tgt Ion:184 Resp: 193740

Ion Ratio Lower Upper

184 100

63 79.1 66.4 99.6

154 68.9 97.0 145.6#



#55

Dibenzofuran

Concen: 42.253 ng

RT: 10.133 min Scan# 1367

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

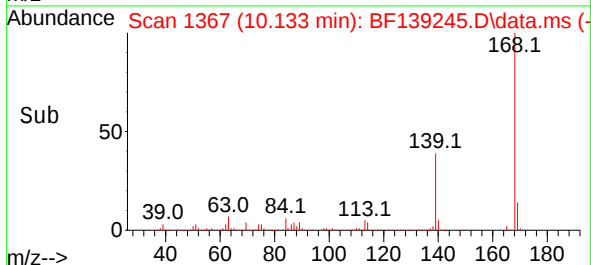
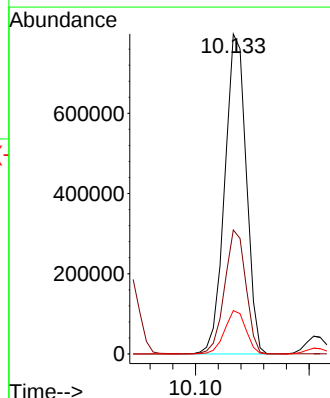
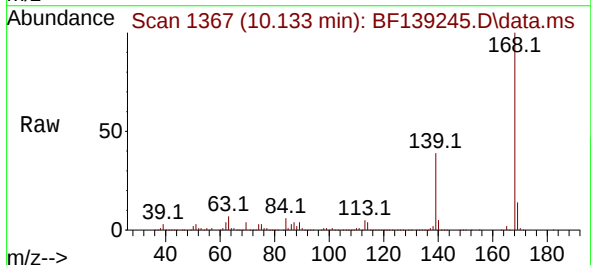
Tgt Ion:168 Resp: 1047636

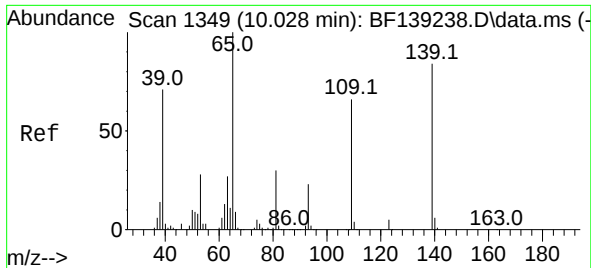
Ion Ratio Lower Upper

168 100

139 38.7 30.2 45.4

169 13.5 10.8 16.2





#56

4-Nitrophenol

Concen: 89.917 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

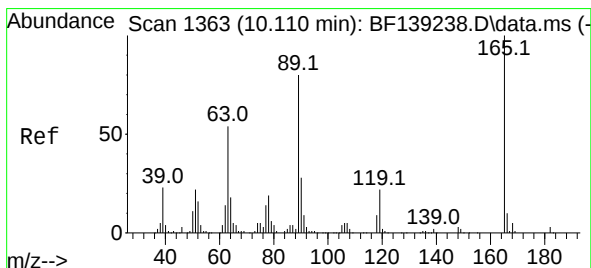
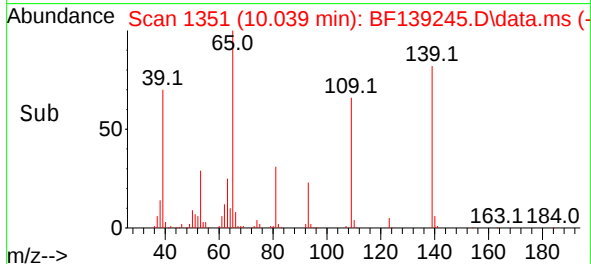
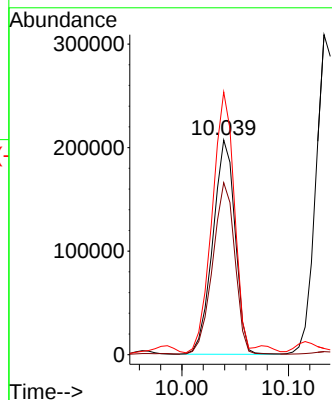
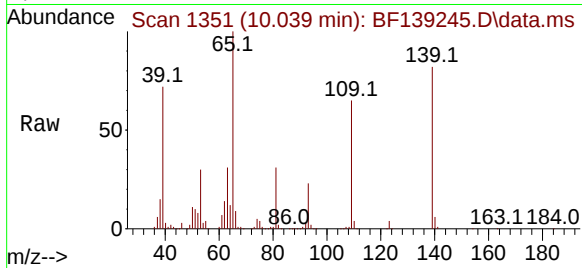
Tgt Ion:139 Resp: 300863

Ion Ratio Lower Upper

139 100

109 80.1 58.7 98.7

65 122.4 100.3 140.3



#57

2,4-Dinitrotoluene

Concen: 45.431 ng

RT: 10.116 min Scan# 1364

Delta R.T. 0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Tgt Ion:165 Resp: 246039

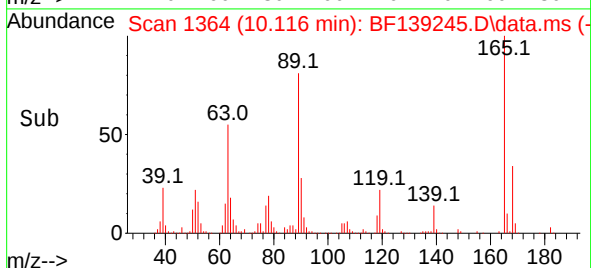
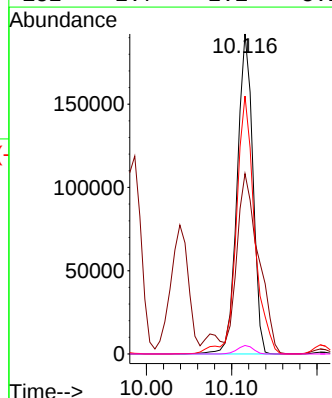
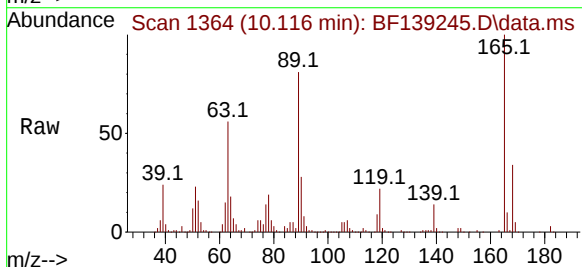
Ion Ratio Lower Upper

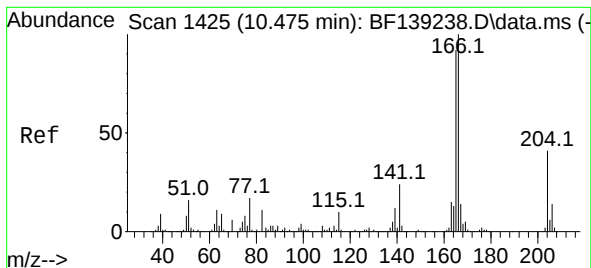
165 100

63 56.4 43.4 65.0

89 80.6 64.2 96.4

182 2.7 2.1 3.1





#58

Fluorene

Concen: 41.507 ng

RT: 10.480 min Scan# 1425

Delta R.T. 0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

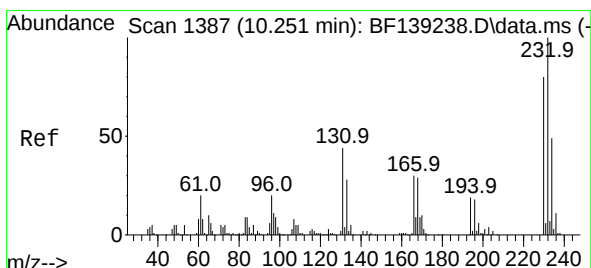
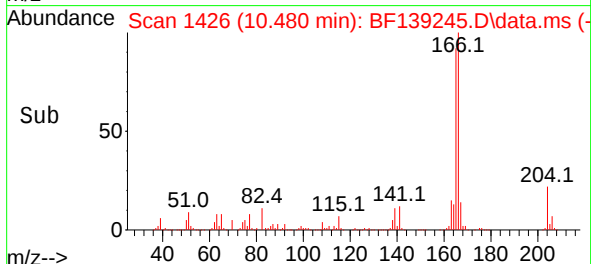
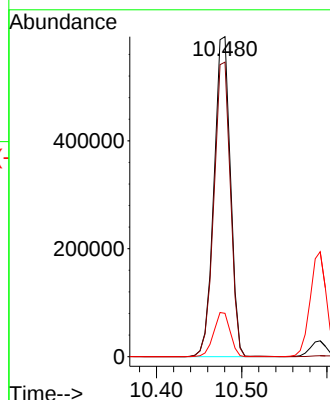
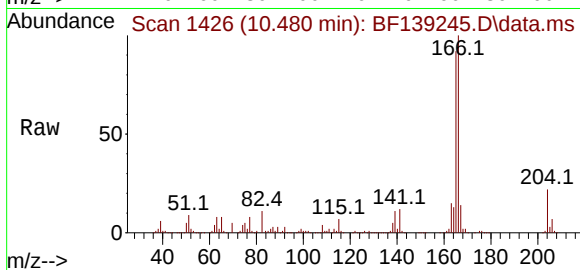
Tgt Ion:166 Resp: 797921

Ion Ratio Lower Upper

166 100

165 92.0 73.7 110.5

167 13.6 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.722 ng

RT: 10.251 min Scan# 1387

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Tgt Ion:232 Resp: 216047

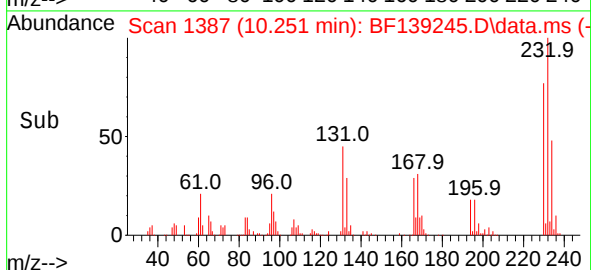
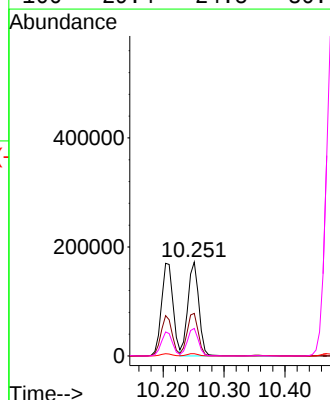
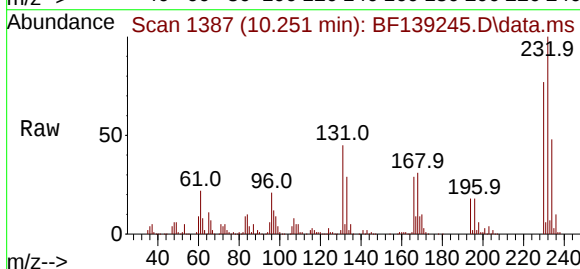
Ion Ratio Lower Upper

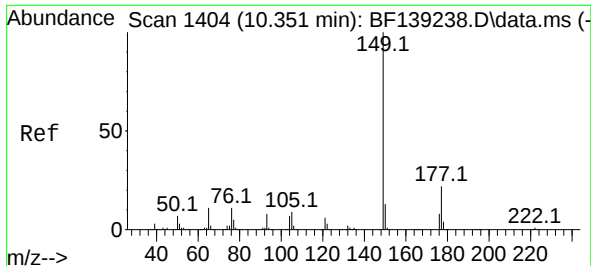
232 100

131 46.2 37.7 56.5

130 2.4 1.9 2.9

166 29.4 24.5 36.7





#60

Diethylphthalate

Concen: 44.209 ng

RT: 10.351 min Scan# 1404

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

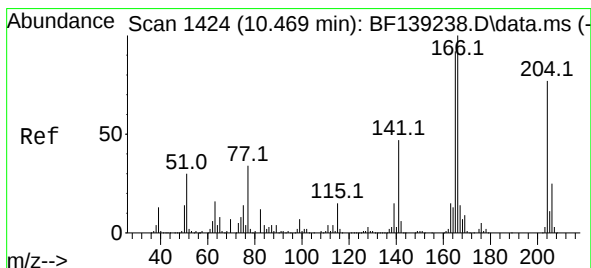
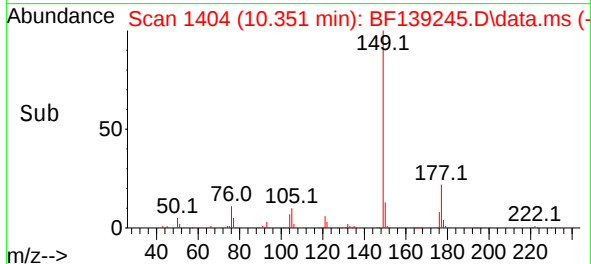
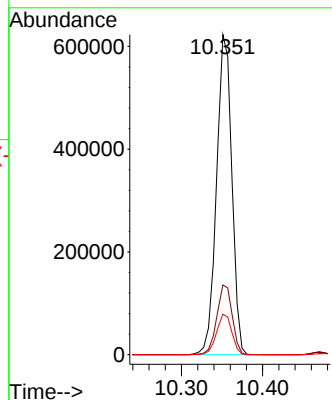
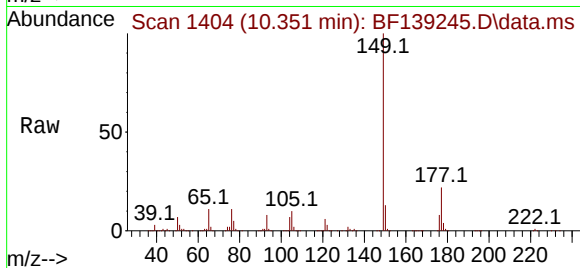
Tgt Ion:149 Resp: 815983

Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

150 12.7 10.2 15.2



#61

4-Chlorophenyl-phenylether

Concen: 41.511 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

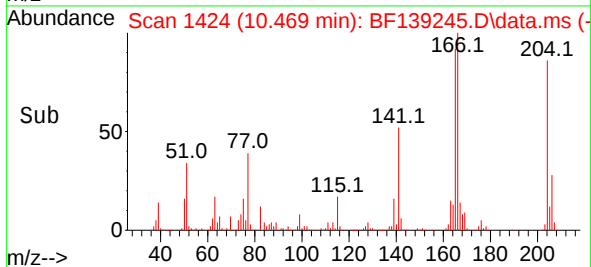
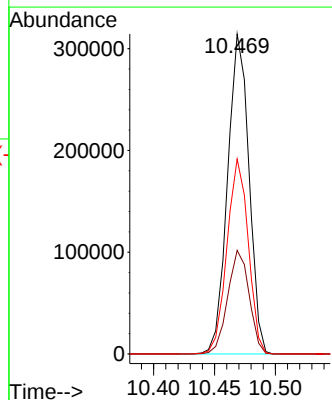
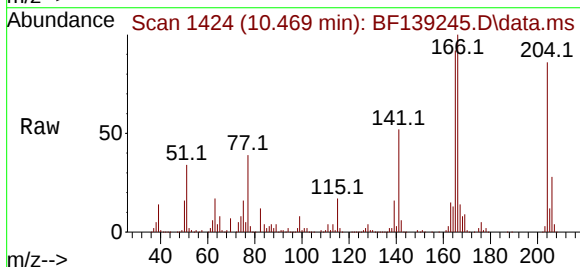
Tgt Ion:204 Resp: 384828

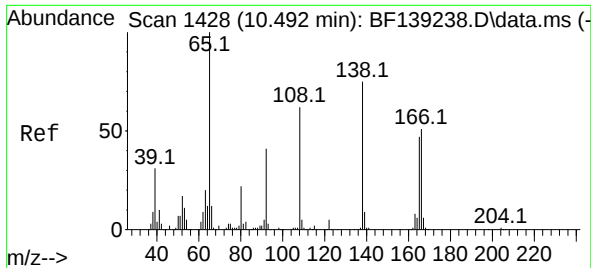
Ion Ratio Lower Upper

204 100

206 32.3 25.8 38.8

141 60.9 48.6 72.8

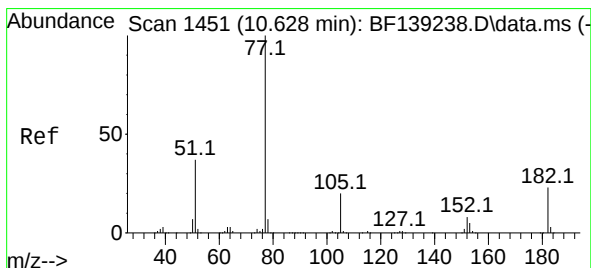
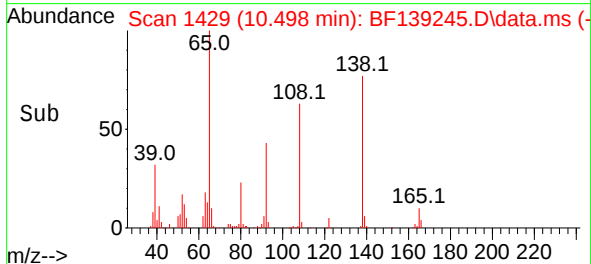
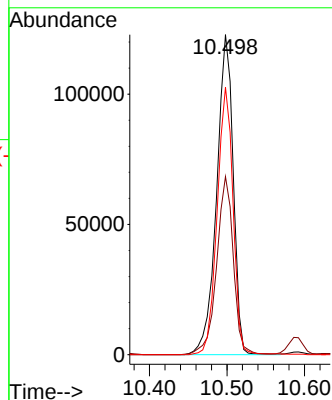
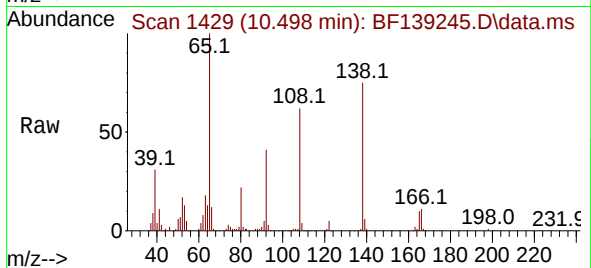




#62
4-Nitroaniline
Concen: 42.314 ng
RT: 10.498 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

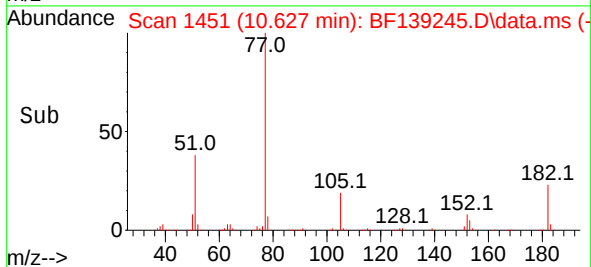
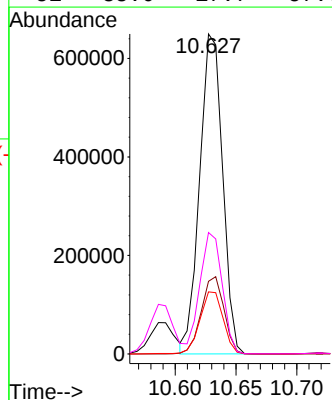
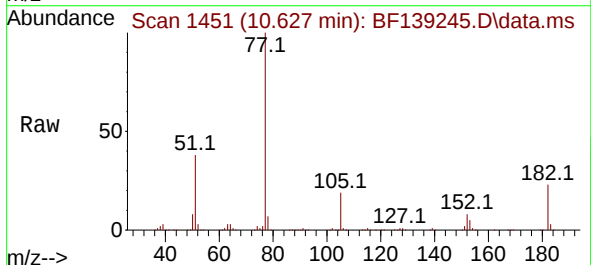
Instrument :
BNA_F
ClientSampleId :
IDOC-02

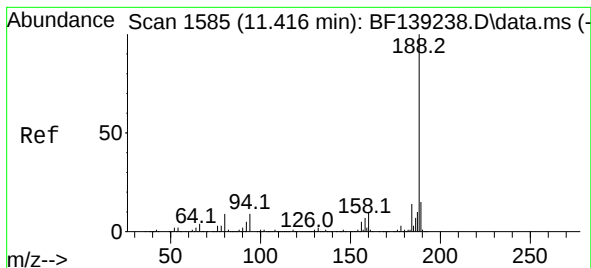
Tgt Ion:138 Resp: 182598
Ion Ratio Lower Upper
138 100
92 55.6 34.4 74.4
108 83.6 62.7 102.7



#63
Azobenzene
Concen: 43.647 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion: 77 Resp: 849079
Ion Ratio Lower Upper
77 100
182 22.7 3.0 43.0
105 19.4 0.0 39.4
51 38.0 17.7 57.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

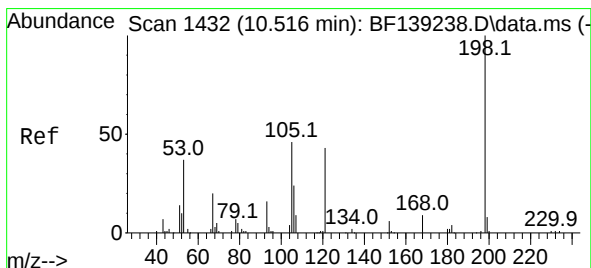
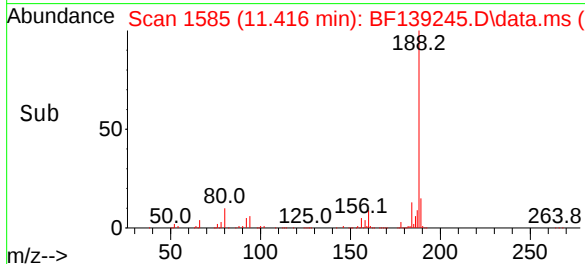
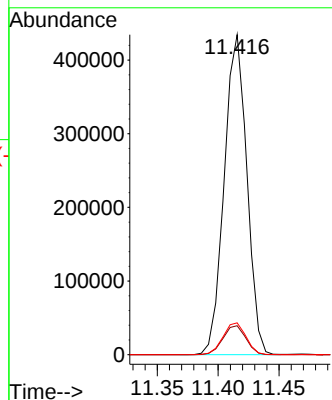
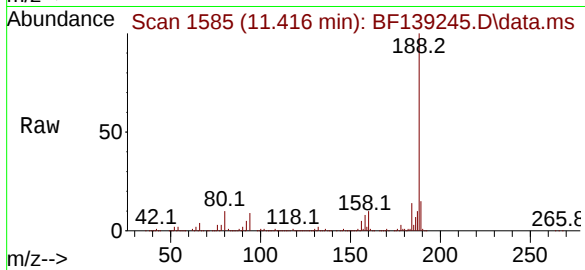
Tgt Ion:188 Resp: 562871

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 10.0 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 48.284 ng

RT: 10.522 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

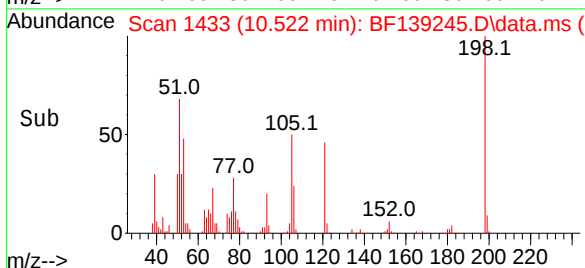
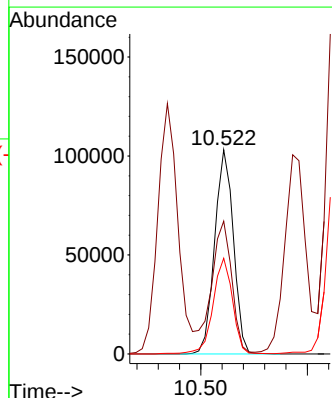
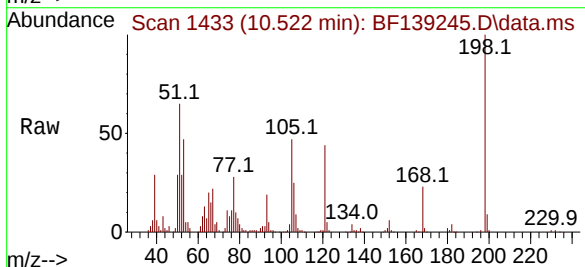
Tgt Ion:198 Resp: 125578

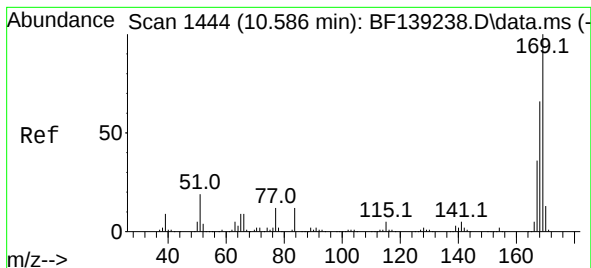
Ion Ratio Lower Upper

198 100

51 65.0 47.2 87.2

105 46.9 27.1 67.1

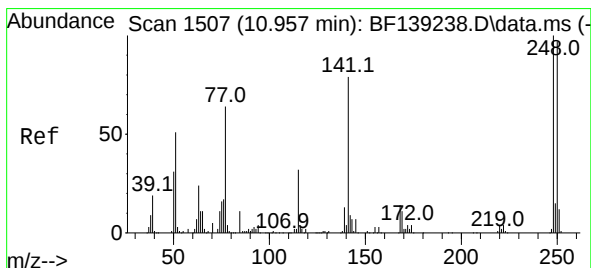
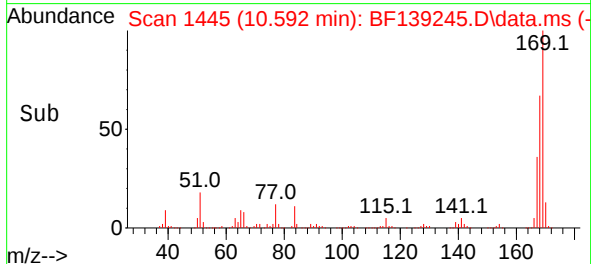
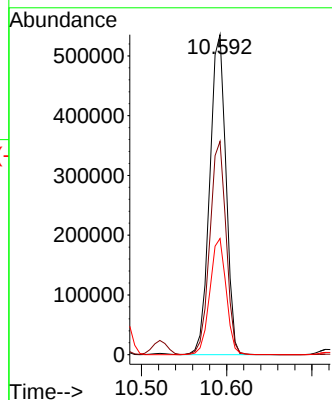
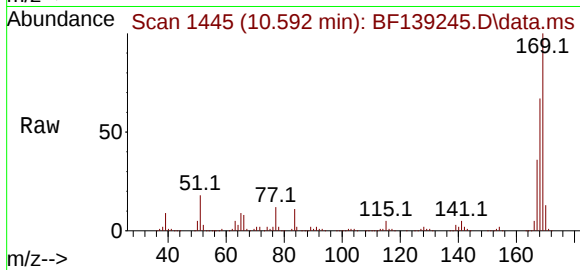




#66
n-Nitrosodiphenylamine
Concen: 43.075 ng
RT: 10.592 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

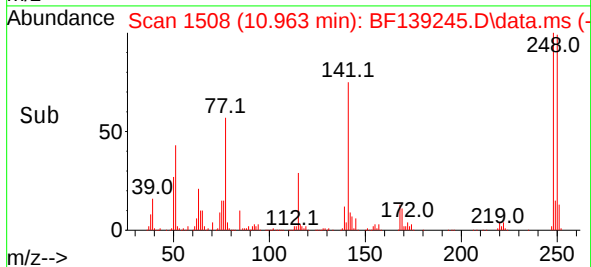
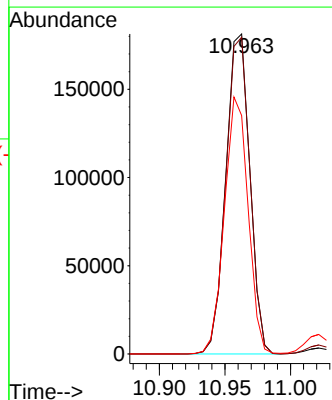
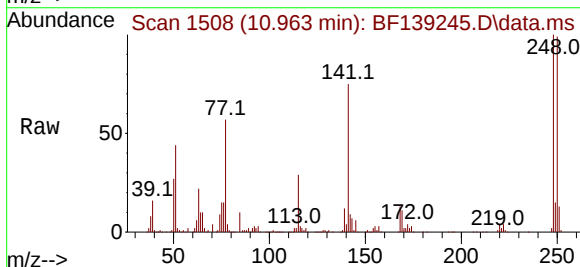
Instrument :
BNA_F
ClientSampleId :
IDOC-02

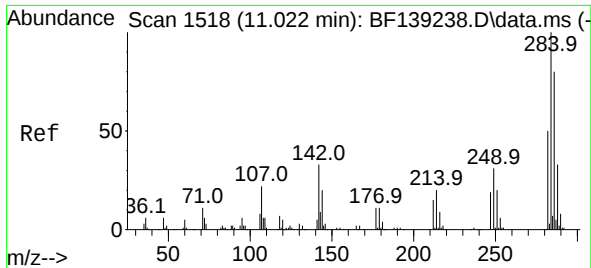
Tgt Ion:169 Resp: 705757
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.3 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 42.459 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:248 Resp: 231878
Ion Ratio Lower Upper
248 100
250 99.0 77.2 115.8
141 74.5 63.6 95.4

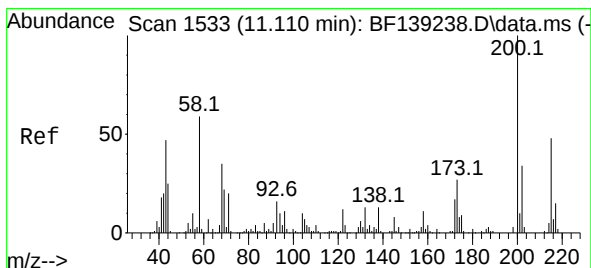
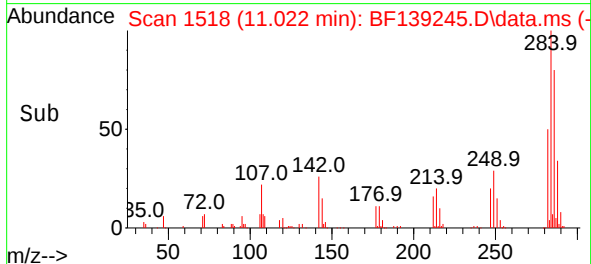
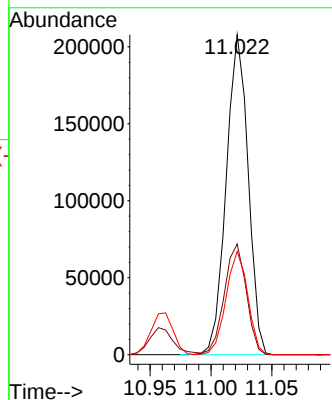
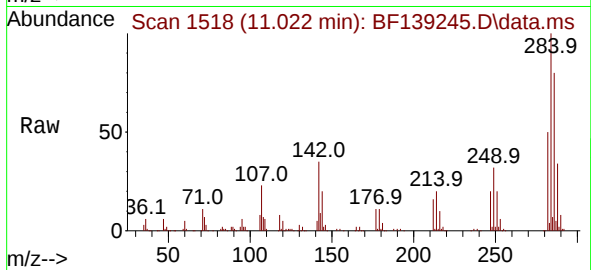




#68
Hexachlorobenzene
Concen: 41.596 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

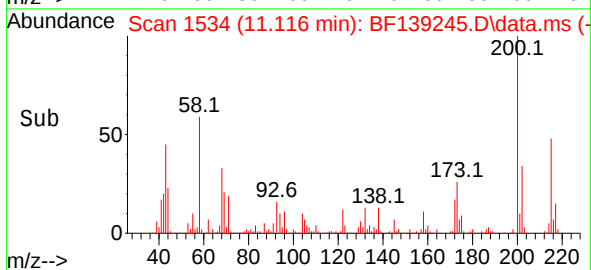
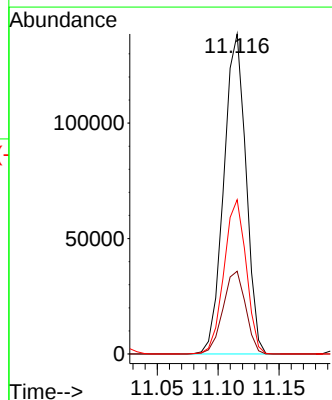
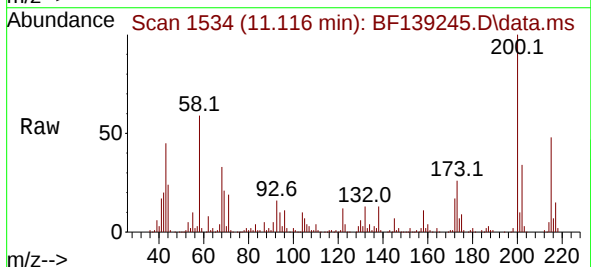
Instrument :
BNA_F
ClientSampleId :
IDOC-02

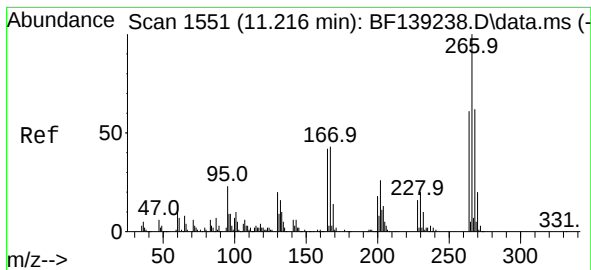
Tgt Ion:284 Resp: 260054
Ion Ratio Lower Upper
284 100
142 34.6 26.5 39.7
249 32.2 24.8 37.2



#69
Atrazine
Concen: 46.467 ng
RT: 11.116 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:200 Resp: 175651
Ion Ratio Lower Upper
200 100
173 25.8 7.1 47.1
215 48.2 28.5 68.5





#70

Pentachlorophenol

Concen: 83.910 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

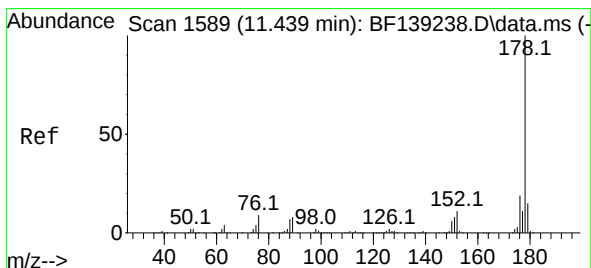
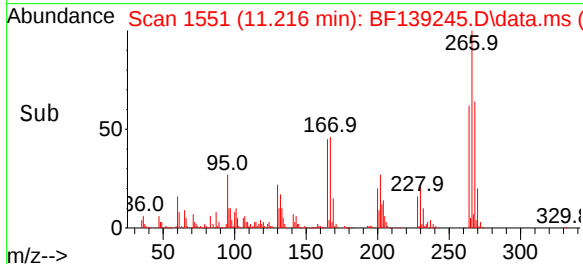
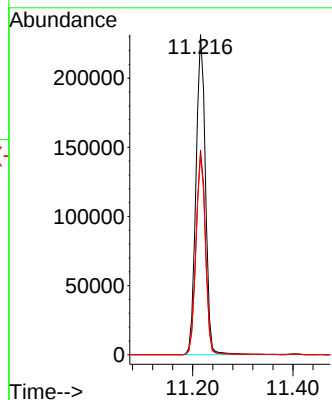
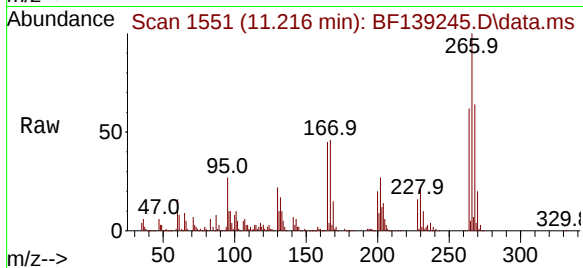
Tgt Ion:266 Resp: 303030

Ion Ratio Lower Upper

266 100

268 64.0 49.7 74.5

264 62.4 49.2 73.8



#71

Phenanthrene

Concen: 43.202 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

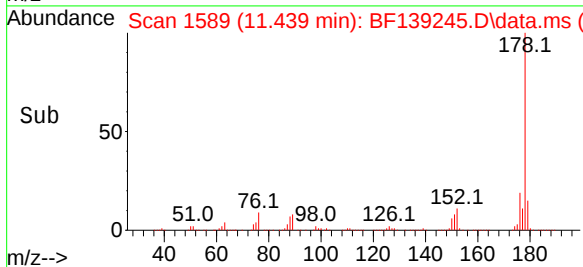
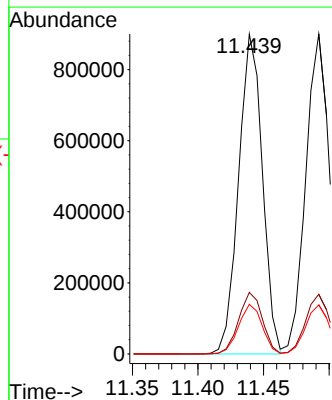
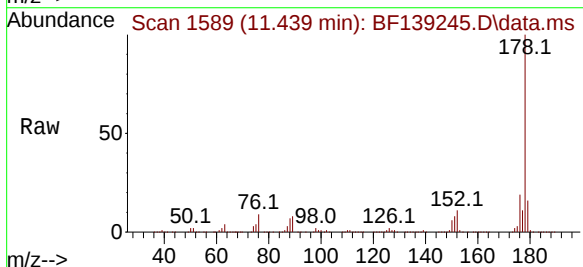
Tgt Ion:178 Resp: 1136004

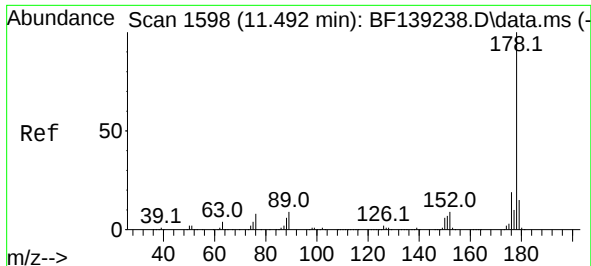
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.5 12.3 18.5

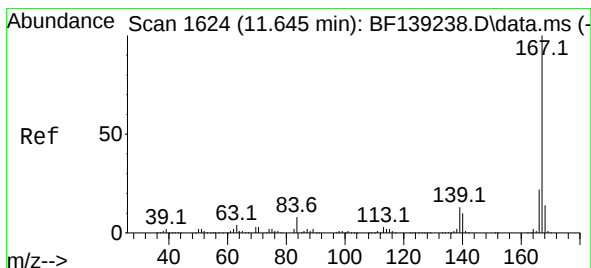
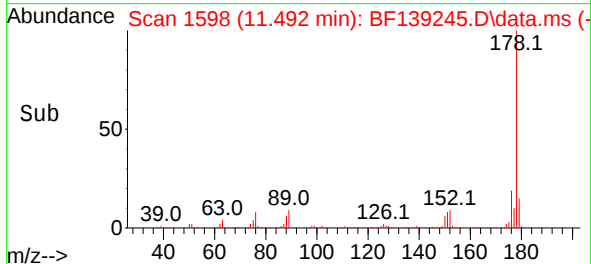
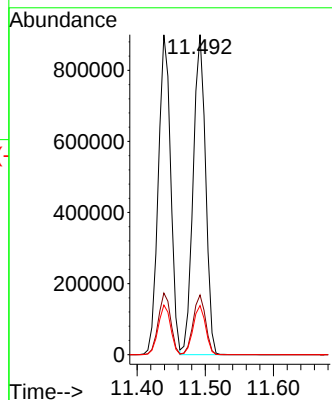
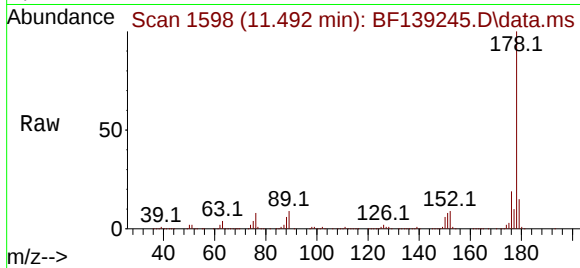




#72
 Anthracene
 Concen: 43.957 ng
 RT: 11.492 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BF139245.D
 Acq: 04 Sep 2024 17:48

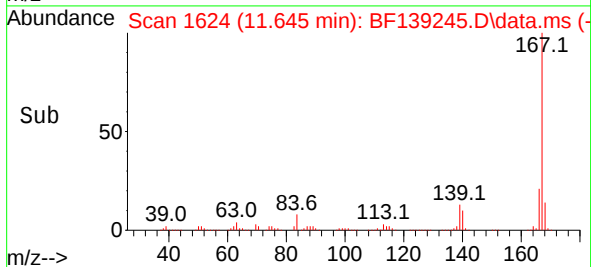
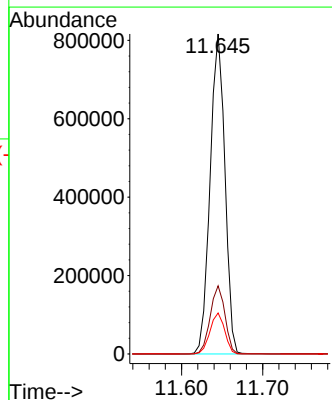
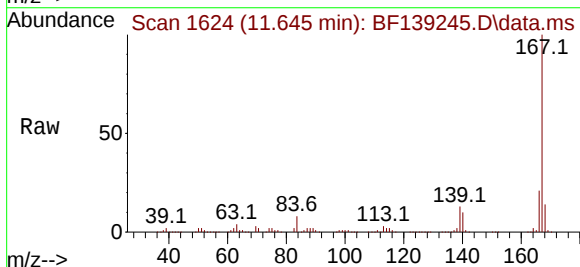
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

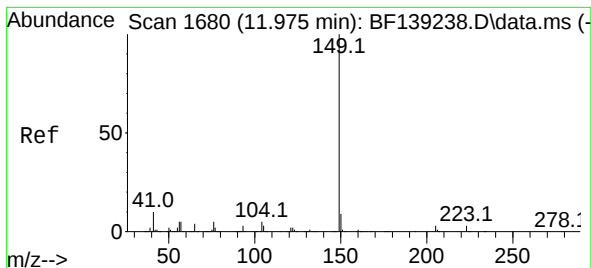
Tgt Ion:178 Resp: 1129111
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.4
 179 15.4 12.3 18.5



#73
 Carbazole
 Concen: 42.959 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. -0.000 min
 Lab File: BF139245.D
 Acq: 04 Sep 2024 17:48

Tgt Ion:167 Resp: 1031339
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 10.2 15.4





#74

Di-n-butylphthalate

Concen: 47.603 ng

RT: 11.974 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

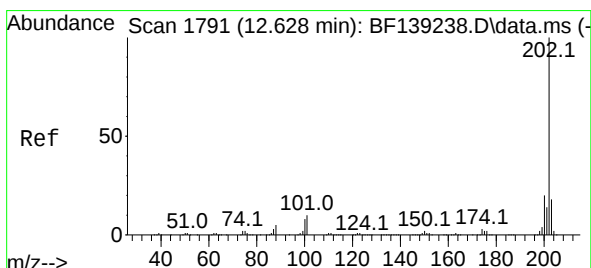
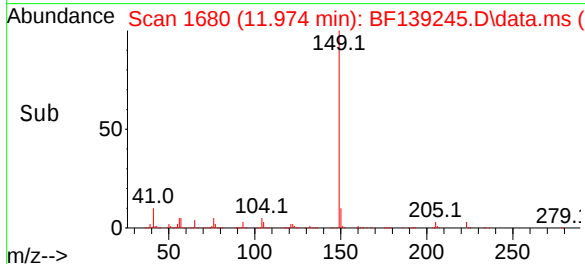
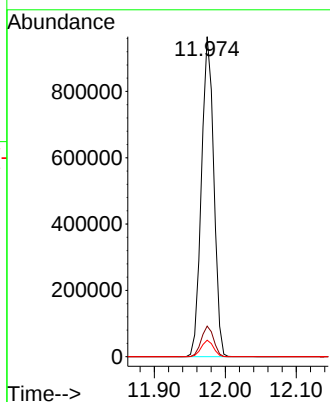
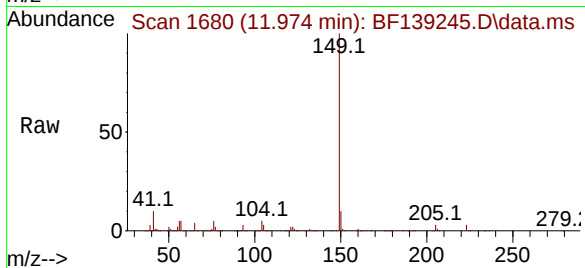
Tgt Ion:149 Resp: 1170159

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.2 3.9 5.9



#75

Fluoranthene

Concen: 42.559 ng

RT: 12.627 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

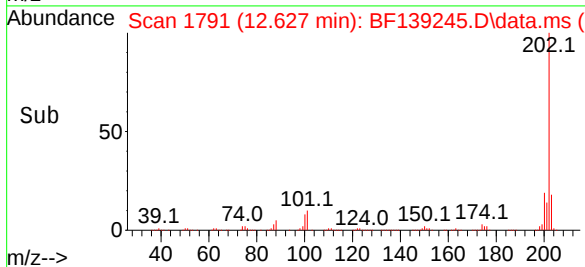
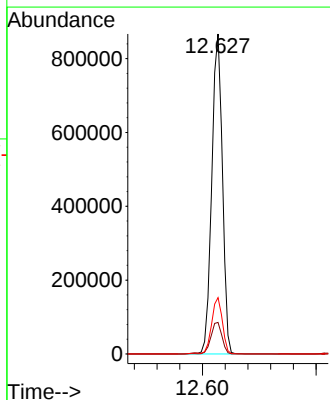
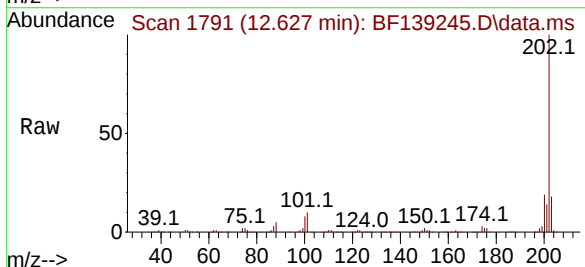
Tgt Ion:202 Resp: 1121925

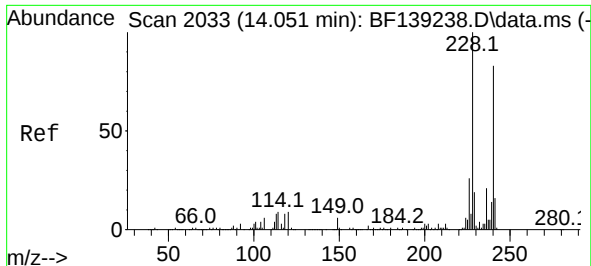
Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

203 17.6 0.0 37.7

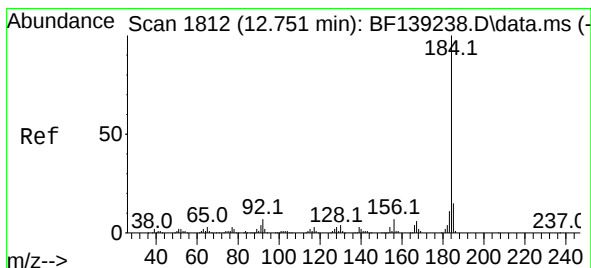
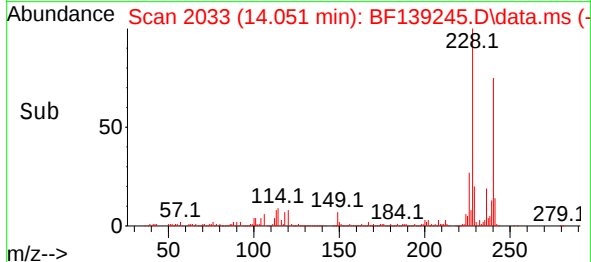
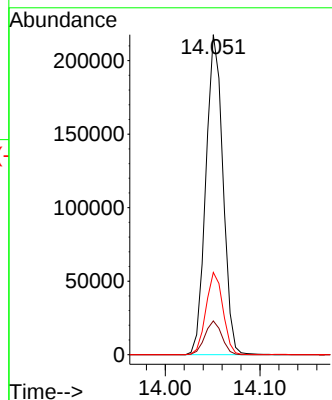
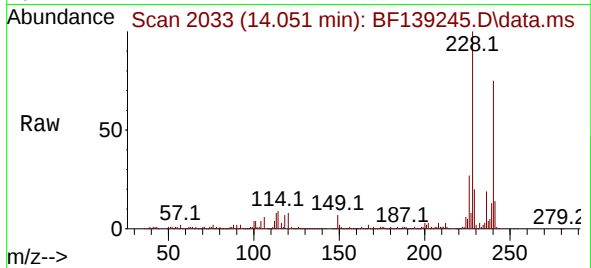




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

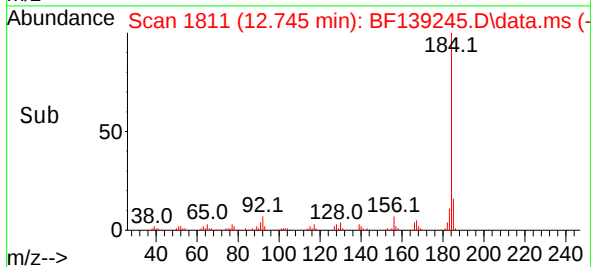
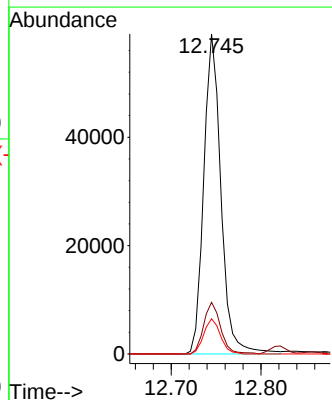
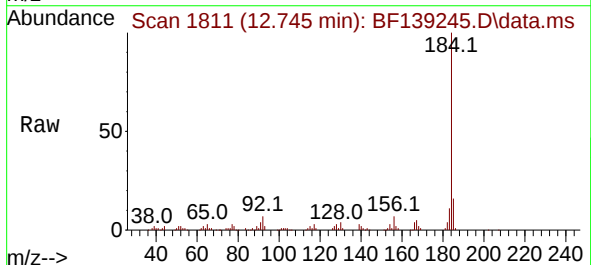
Instrument :
BNA_F
ClientSampleId :
IDOC-02

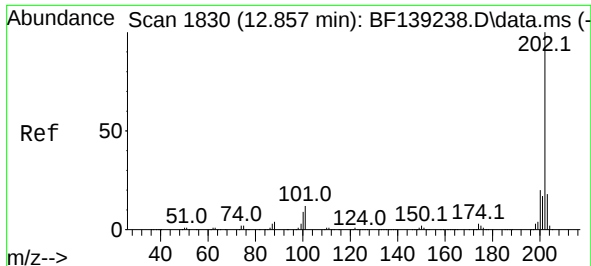
Tgt Ion:240 Resp: 270955
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.7 20.7 31.1



#77
Benzidine
Concen: 14.421 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:184 Resp: 78676
Ion Ratio Lower Upper
184 100
185 16.2 11.9 17.9
183 11.0 8.8 13.2

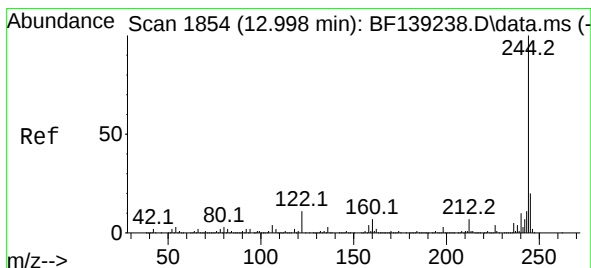
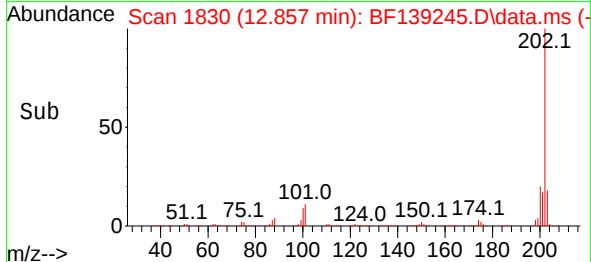
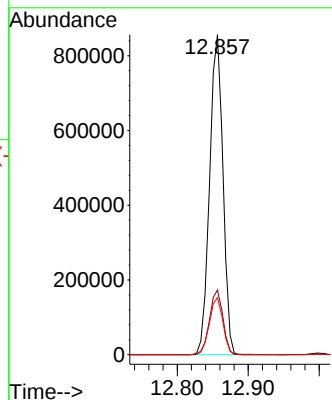
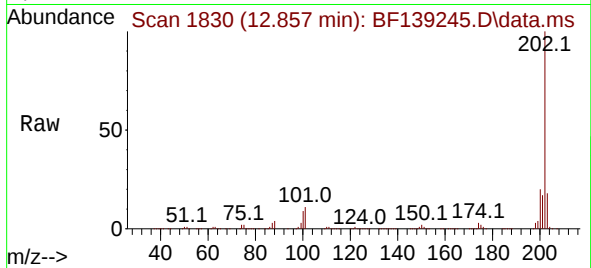




#78
Pyrene
Concen: 42.742 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

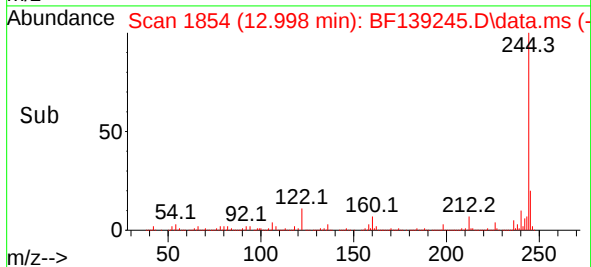
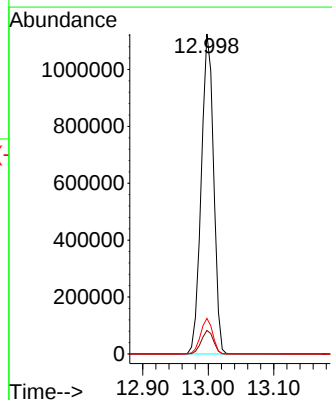
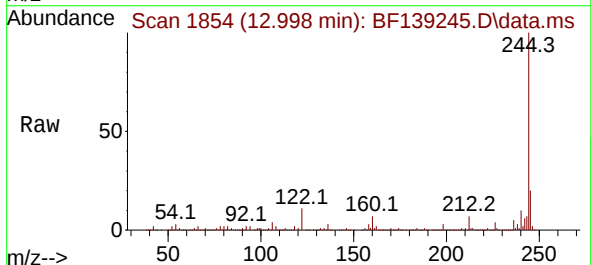
Instrument :
BNA_F
ClientSampleId :
IDOC-02

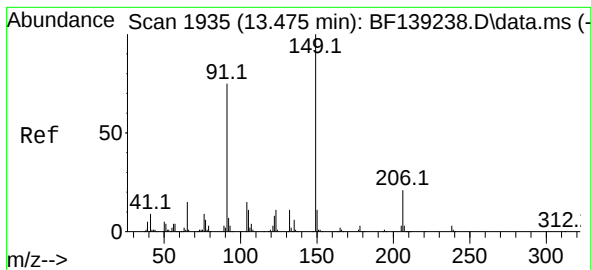
Tgt Ion:202 Resp: 1118756
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.8
203 17.8 14.1 21.1



#79
Terphenyl-d14
Concen: 88.192 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:244 Resp: 1480010
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.1 8.7 13.1





#80

Butylbenzylphthalate

Concen: 52.500 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

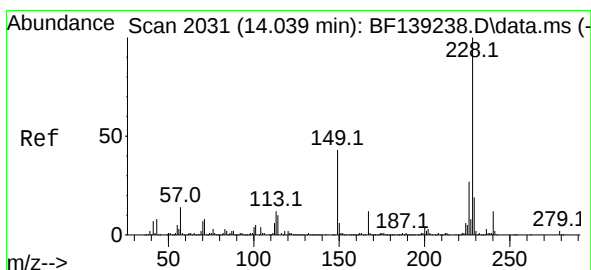
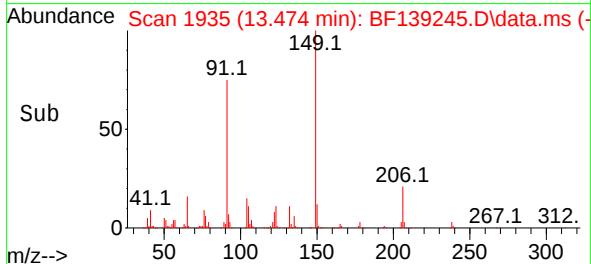
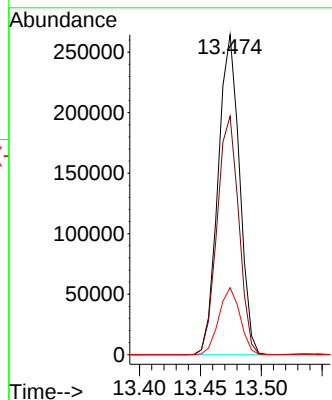
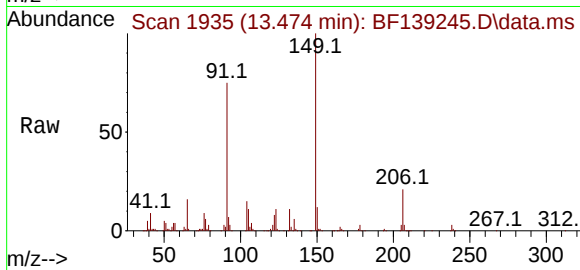
Tgt Ion:149 Resp: 323488

Ion Ratio Lower Upper

149 100

91 74.5 60.3 90.5

206 21.0 16.7 25.1



#81

Benzo(a)anthracene

Concen: 45.639 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

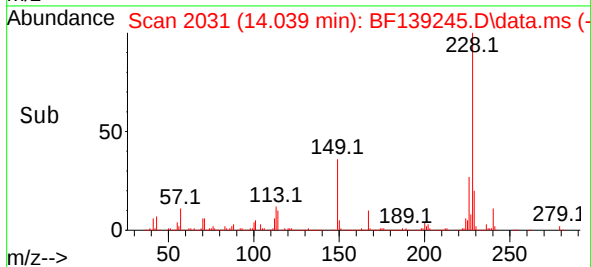
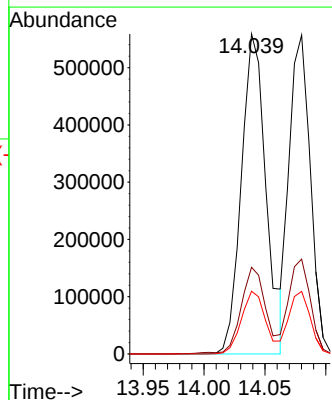
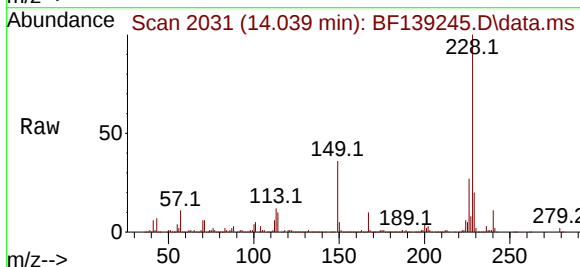
Tgt Ion:228 Resp: 789639

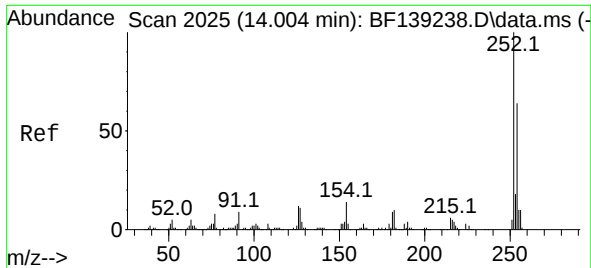
Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

229 19.6 15.6 23.4





#82

3,3'-Dichlorobenzidine

Concen: 41.491 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

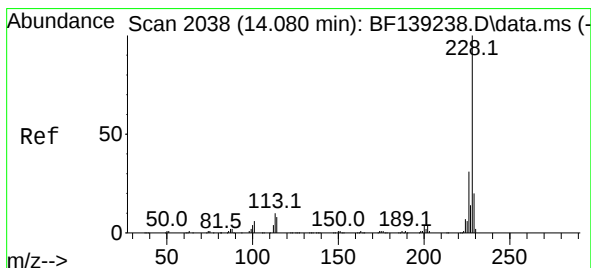
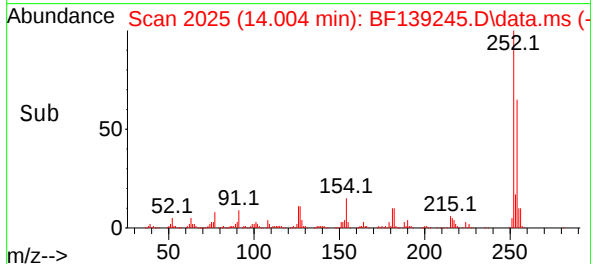
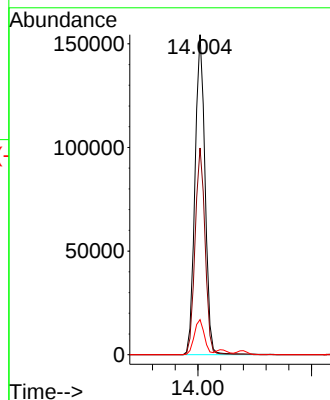
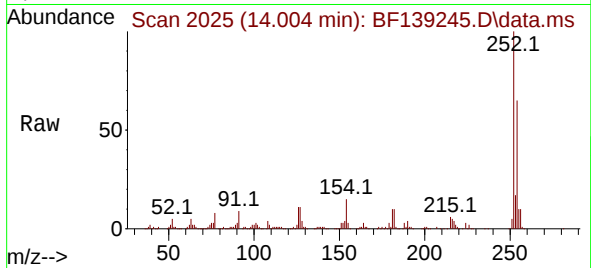
Tgt Ion:252 Resp: 190642

Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 11.0 9.2 13.8



#83

Chrysene

Concen: 41.730 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

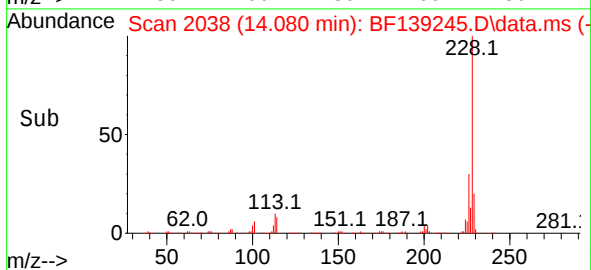
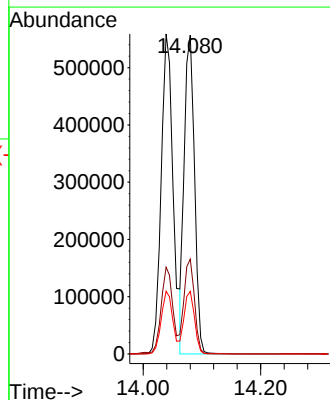
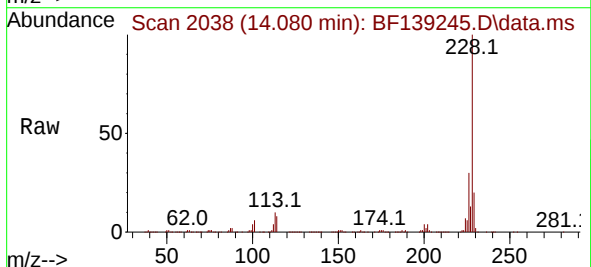
Tgt Ion:228 Resp: 673851

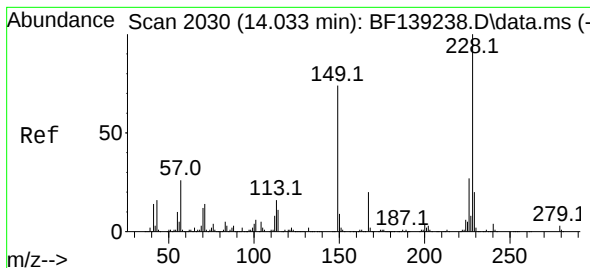
Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.6 15.8 23.6

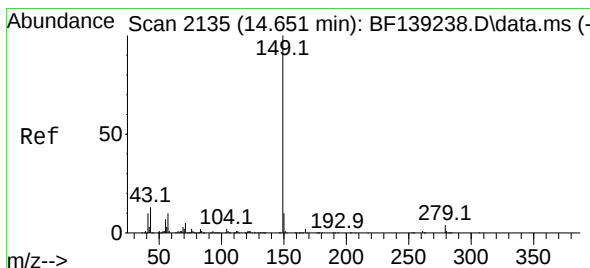
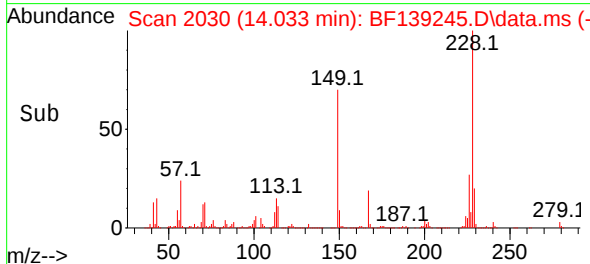
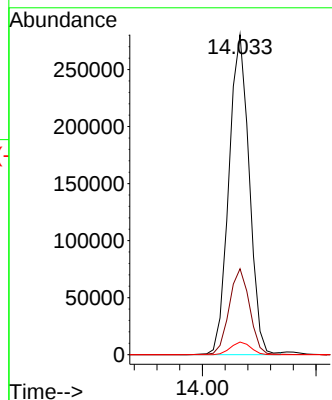
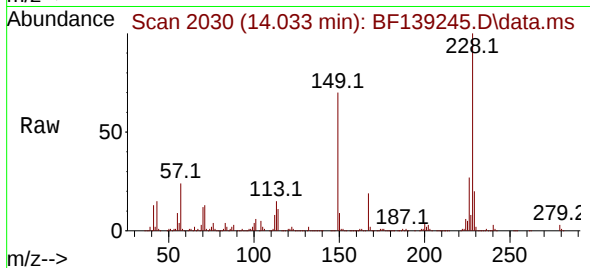




#84
Bis(2-ethylhexyl)phthalate
Concen: 48.205 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

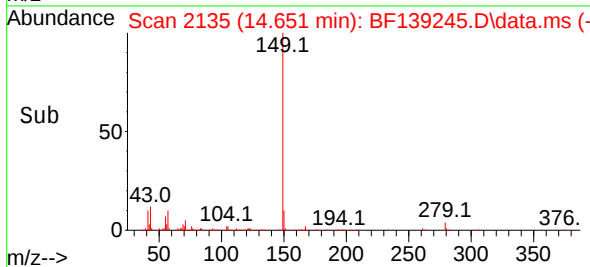
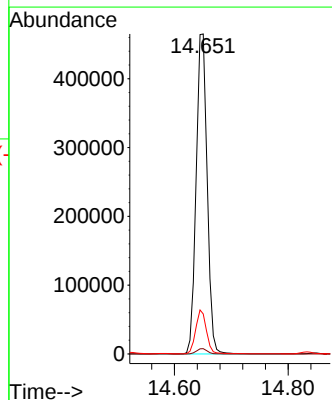
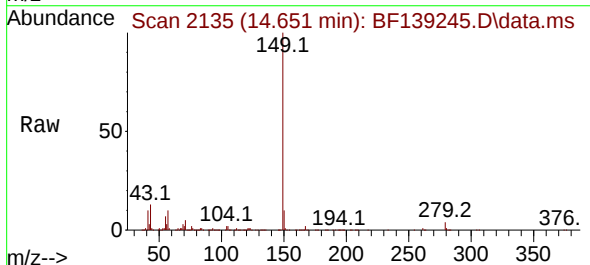
Instrument :
BNA_F
ClientSampleId :
IDOC-02

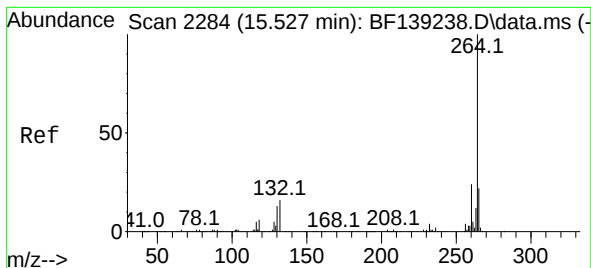
Tgt Ion:149 Resp: 348629
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.6
279 3.9 3.0 4.6



#85
Di-n-octyl phthalate
Concen: 45.519 ng
RT: 14.651 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF139245.D
Acq: 04 Sep 2024 17:48

Tgt Ion:149 Resp: 630283
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.9 16.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.000 min BNA_F

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

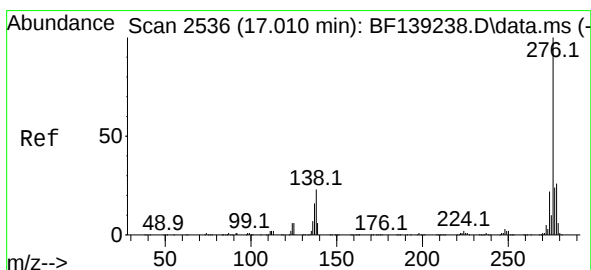
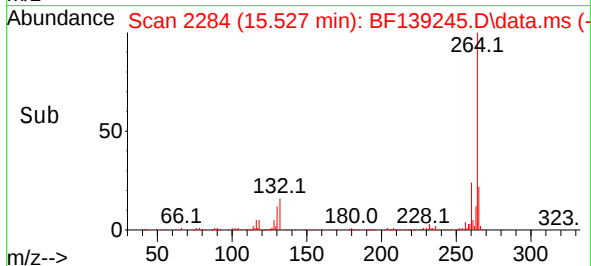
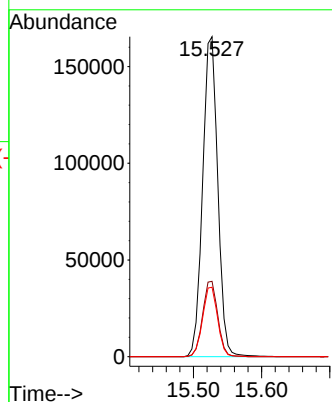
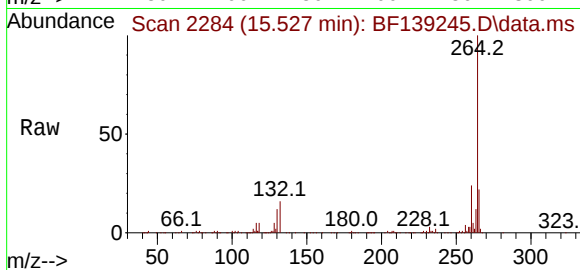
Tgt Ion:264 Resp: 254839

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.7 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 46.165 ng

RT: 17.009 min Scan# 2536

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

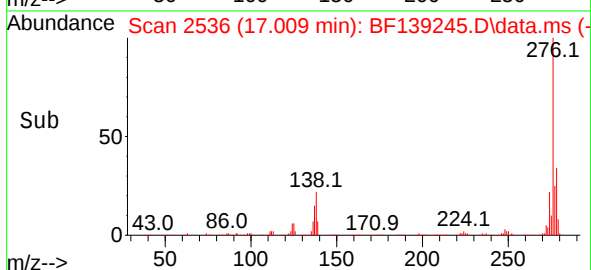
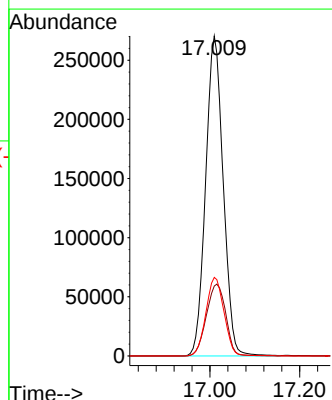
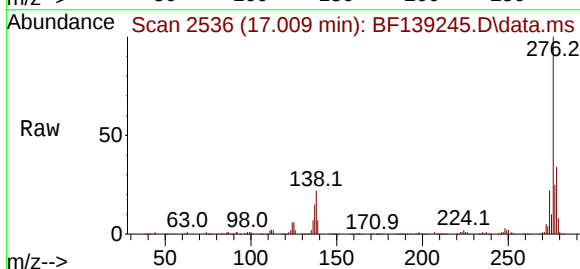
Tgt Ion:276 Resp: 734960

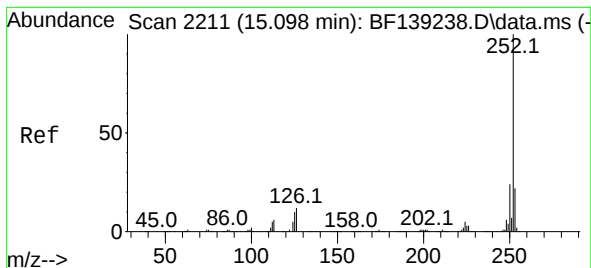
Ion Ratio Lower Upper

276 100

138 24.8 20.4 30.6

277 25.4 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 49.165 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02

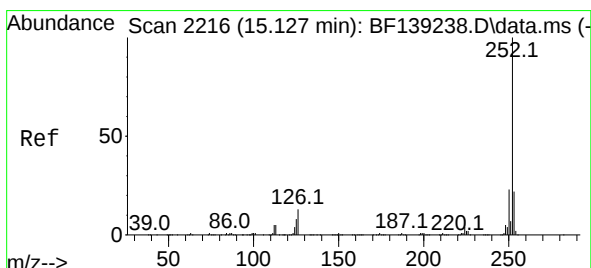
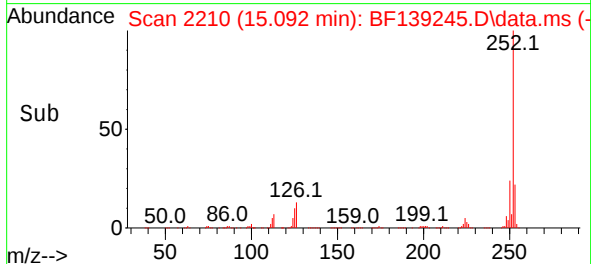
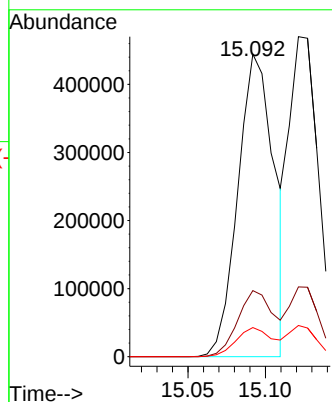
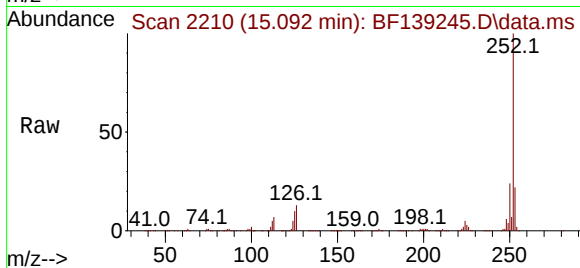
Tgt Ion:252 Resp: 721542

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.6 7.6 11.4



#89

Benzo(k)fluoranthene

Concen: 47.275 ng

RT: 15.121 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

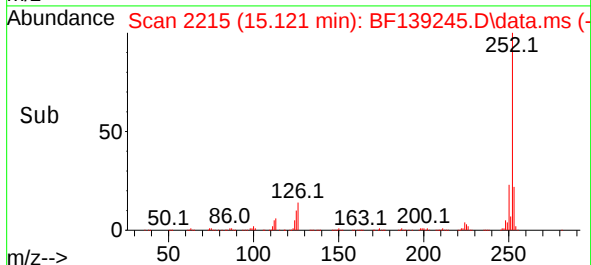
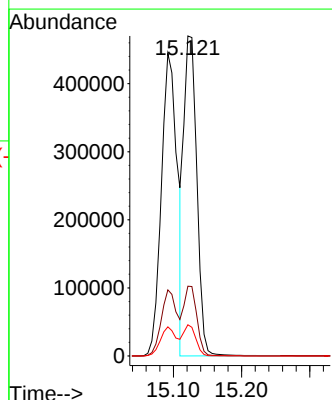
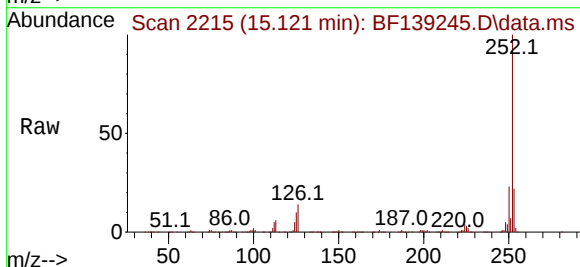
Tgt Ion:252 Resp: 622090

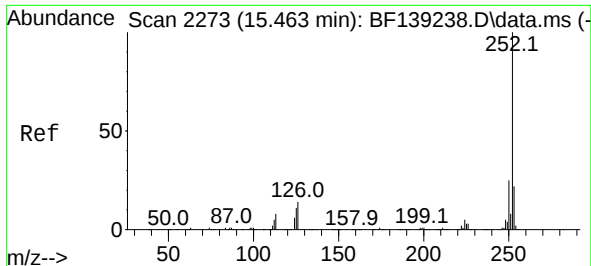
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.8 7.2 10.8





#90

Benzo(a)pyrene

Concen: 50.603 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF139245.D

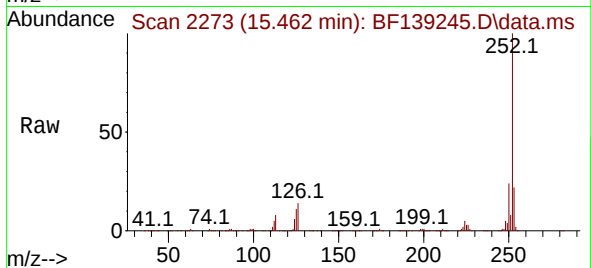
Acq: 04 Sep 2024 17:48

Instrument :

BNA_F

ClientSampleId :

IDOC-02



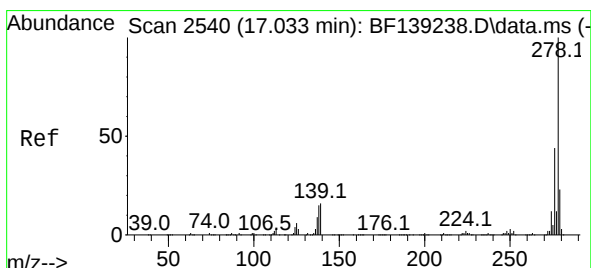
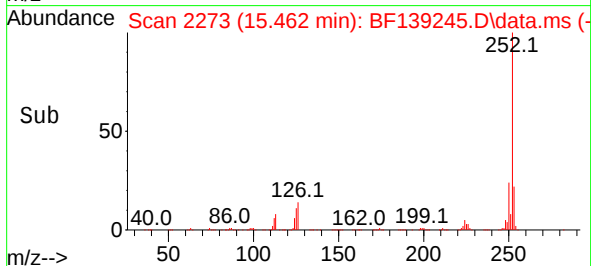
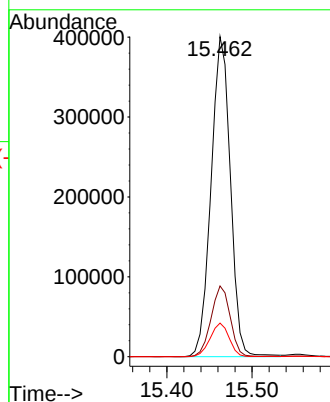
Tgt Ion:252 Resp: 630608

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.5 8.6 13.0



#91

Dibenzo(a,h)anthracene

Concen: 46.103 ng

RT: 17.033 min Scan# 2540

Delta R.T. -0.000 min

Lab File: BF139245.D

Acq: 04 Sep 2024 17:48

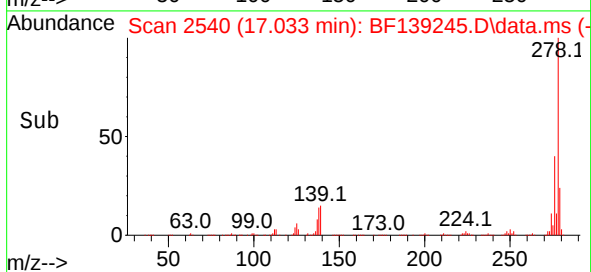
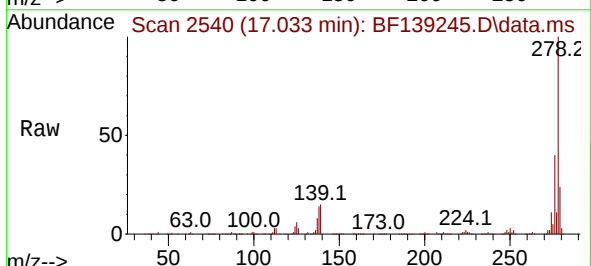
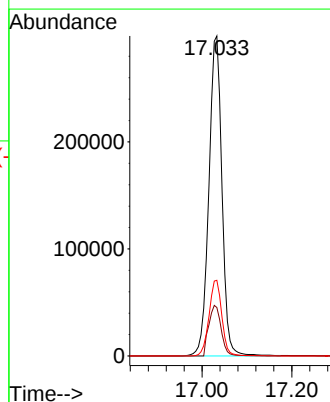
Tgt Ion:278 Resp: 604853

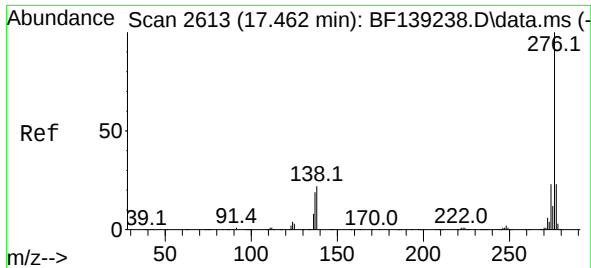
Ion Ratio Lower Upper

278 100

139 15.2 12.6 19.0

279 23.6 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 41.610 ng
 RT: 17.456 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF139245.D
 Acq: 04 Sep 2024 17:48

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Tgt Ion:276 Resp: 563497
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.6 27.8
 138 21.7 17.4 26.0

