

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136265.D
 Acq On : 28 Nov 2023 23:45
 Operator : CG\JU
 Sample : 05517-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-DMS

Quant Time: Nov 29 00:51:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	138314	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	549050	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	231245	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	327754	20.000	ng	0.00
76) Chrysene-d12	13.986	240	268493	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	232950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	847183	85.252	ng	0.00
7) Phenol-d6	6.445	99	1012355	81.474	ng	0.00
23) Nitrobenzene-d5	7.369	82	619559	59.629	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	199529	70.576	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1121812	61.964	ng	0.00
79) Terphenyl-d14	12.927	244	859335	36.918	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	144455	38.418	ng	97
3) Pyridine	3.404	79	337636	36.376	ng	99
4) n-Nitrosodimethylamine	3.375	42	179476	38.253	ng	89
6) Aniline	6.469	93	405195	34.502	ng	98
8) 2-Chlorophenol	6.592	128	437149	40.401	ng	95
9) Benzaldehyde	6.357	77	55719	8.046	ng	99
10) Phenol	6.457	94	526041	39.462	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	400788	40.984	ng	99
12) 1,3-Dichlorobenzene	6.745	146	485127	39.508	ng	97
13) 1,4-Dichlorobenzene	6.822	146	494474	39.612	ng	98
14) 1,2-Dichlorobenzene	6.975	146	455999	38.586	ng	98
15) Benzyl Alcohol	6.951	79	348771	40.035	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	545075	40.128	ng	99
17) 2-Methylphenol	7.063	107	342995	40.321	ng	96
18) Hexachloroethane	7.316	117	166273	37.974	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	293859	39.543	ng	97
20) 3+4-Methylphenols	7.210	107	420102	37.999	ng	94
22) Acetophenone	7.216	105	621134	43.075	ng	# 93
24) Nitrobenzene	7.387	77	424663	40.332	ng	98
25) Isophorone	7.628	82	784019	41.848	ng	97
26) 2-Nitrophenol	7.704	139	204896	45.672	ng	92
27) 2,4-Dimethylphenol	7.739	122	309453	52.407	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	490044	43.243	ng	99
29) 2,4-Dichlorophenol	7.939	162	332750	41.779	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	396382	40.649	ng	99
31) Naphthalene	8.104	128	1272622	41.237	ng	99
32) Benzoic acid	7.857	122	206821	38.432	ng	91
33) 4-Chloroaniline	8.151	127	206656	19.700	ng	96
34) Hexachlorobutadiene	8.222	225	224263	39.311	ng	97
35) Caprolactam	8.522	113	87254	39.189	ng	# 89
36) 4-Chloro-3-methylphenol	8.639	107	325466	37.678	ng	98
37) 2-Methylnaphthalene	8.798	142	741591	38.308	ng	100
38) 1-Methylnaphthalene	8.898	142	703188	37.236	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	350100	47.572	ng	100
41) Hexachlorocyclopentadiene	8.951	237	224988	79.451	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	214091	44.819	ng	95

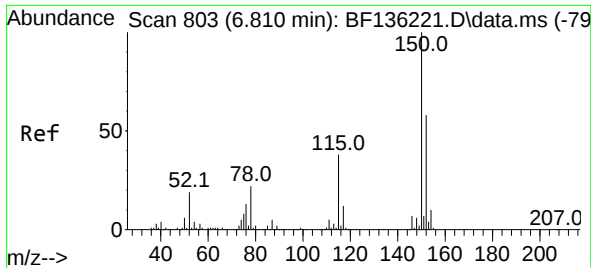
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 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	214879	41.221	ng	97
46) 1,1'-Biphenyl	9.263	154	961315	47.141	ng	98
47) 2-Chloronaphthalene	9.286	162	689561	43.543	ng	97
48) 2-Nitroaniline	9.386	65	177476	42.924	ng	# 85
49) Acenaphthylene	9.704	152	1050203	46.470	ng	100
50) Dimethylphthalate	9.569	163	787260	45.043	ng	99
51) 2,6-Dinitrotoluene	9.628	165	146715	41.090	ng	98
52) Acenaphthene	9.875	154	597854	41.861	ng	99
53) 3-Nitroaniline	9.792	138	112913	31.870	ng	97
54) 2,4-Dinitrophenol	9.898	184	87008	52.394	ng	93
55) Dibenzofuran	10.045	168	877571	41.294	ng	99
56) 4-Nitrophenol	9.957	139	187636	69.732	ng	93
57) 2,4-Dinitrotoluene	10.033	165	177096	37.131	ng	96
58) Fluorene	10.392	166	634502	38.063	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	154712	37.301	ng	100
60) Diethylphthalate	10.269	149	713954	40.836	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	314280	38.822	ng	97
62) 4-Nitroaniline	10.410	138	115060	33.178	ng	94
63) Azobenzene	10.545	77	602268	37.158	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	61195	34.143	ng	86
66) n-Nitrosodiphenylamine	10.504	169	533952	50.836	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	180872	47.302	ng	98
68) Hexachlorobenzene	10.939	284	188178	42.521	ng	97
69) Atrazine	11.033	200	162216	52.063	ng	97
70) Pentachlorophenol	11.133	266	206463	82.534	ng	97
71) Phenanthrene	11.357	178	964411	52.353	ng	99
72) Anthracene	11.410	178	850555	46.042	ng	99
73) Carbazole	11.563	167	695907	44.293	ng	100
74) Di-n-butylphthalate	11.904	149	910571	46.319	ng	99
75) Fluoranthene	12.551	202	1227138	65.620	ng	98
77) Benzidine	12.674	184	270443	61.276	ng	98
78) Pyrene	12.780	202	1239397	42.150	ng	98
80) Butylbenzylphthalate	13.410	149	373256	40.787	ng	98
81) Benzo(a)anthracene	13.980	228	1058258	53.065	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	254006	52.912	ng	96
83) Chrysene	14.015	228	996853	51.770	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	526235	47.914	ng	# 99
85) Di-n-octyl phthalate	14.598	149	1025186	56.455	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	563773	33.249	ng	100
88) Benzo(b)fluoranthene	15.039	252	957964	58.615	ng	99
89) Benzo(k)fluoranthene	15.068	252	765684	49.328	ng	98
90) Benzo(a)pyrene	15.410	252	685951	51.342	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	415807	30.784	ng	99
92) Benzo(g,h,i)perylene	17.427	276	430236	31.365	ng	98

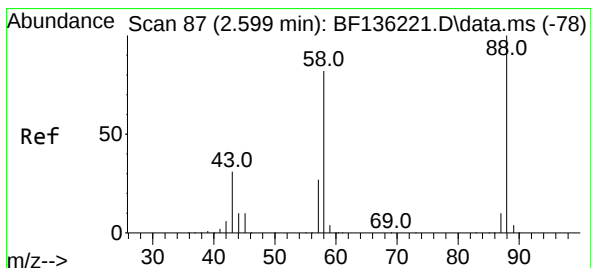
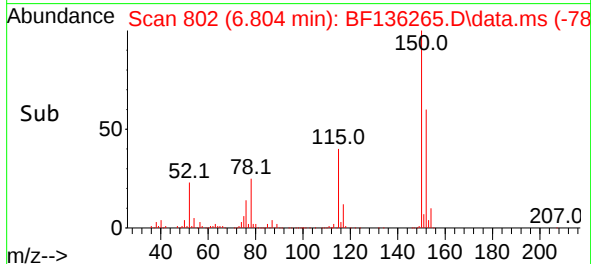
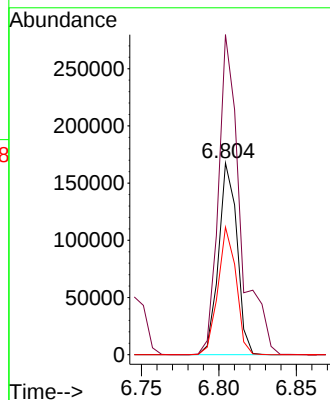
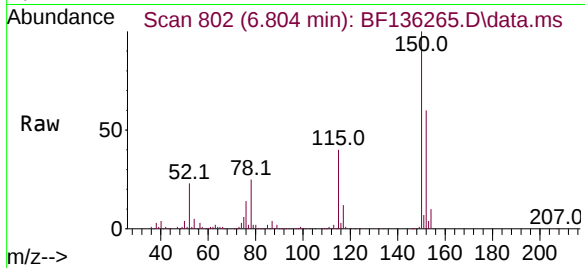
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136265.D
 Acq: 28 Nov 2023 23:45

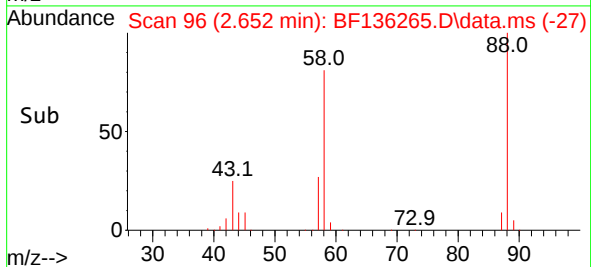
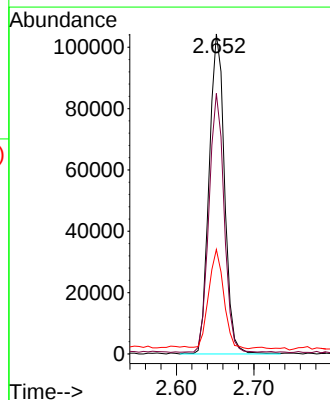
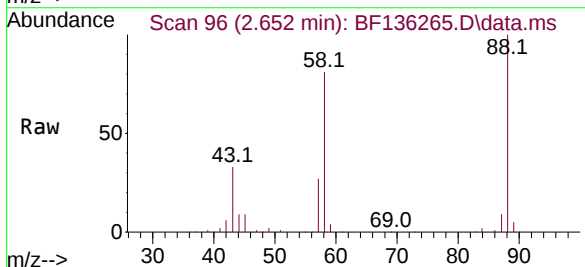
Instrument :
 BNA_F
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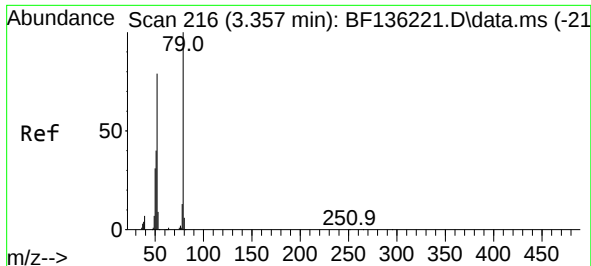
Tgt Ion:152 Resp: 138314
 Ion Ratio Lower Upper
 152 100
 150 167.0 137.8 206.8
 115 66.6 52.7 79.1



#2
 1,4-Dioxane
 Concen: 38.418 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.053 min
 Lab File: BF136265.D
 Acq: 28 Nov 2023 23:45

Tgt Ion: 88 Resp: 144455
 Ion Ratio Lower Upper
 88 100
 58 78.8 65.9 98.9
 43 30.2 24.8 37.2

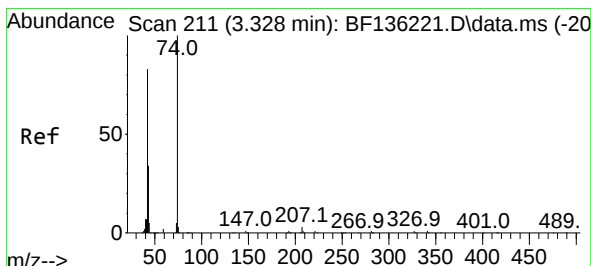
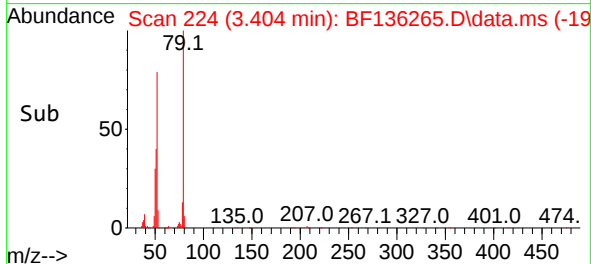
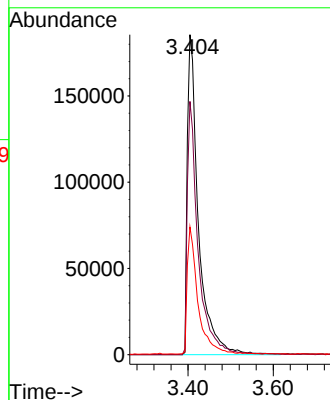
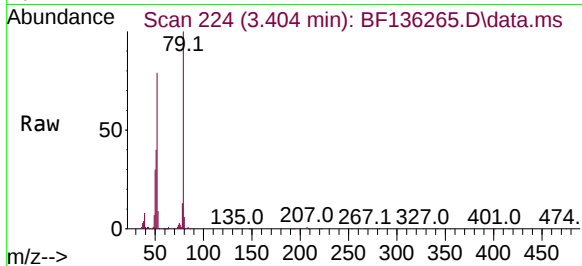




#3
Pyridine
Concen: 36.376 ng
RT: 3.404 min Scan# 216
Delta R.T. 0.047 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

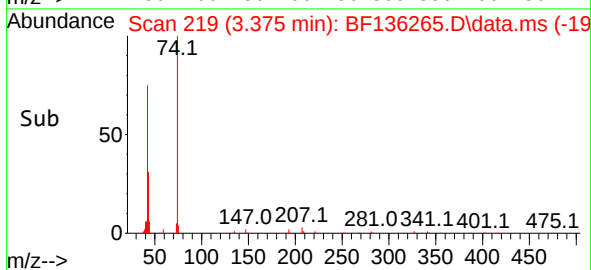
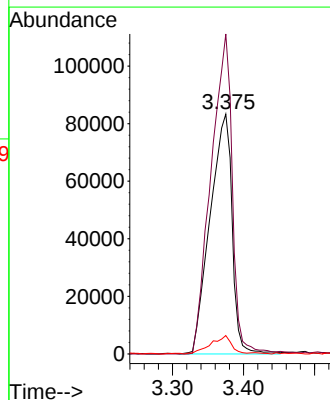
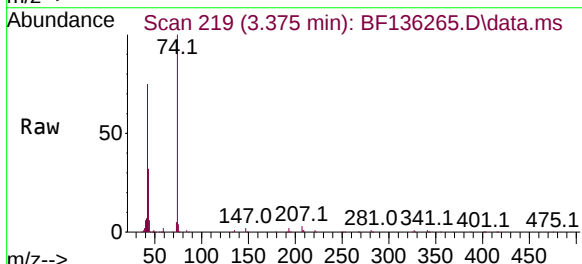
Instrument :
BNA_F
ClientSampleId :
TP-DMS

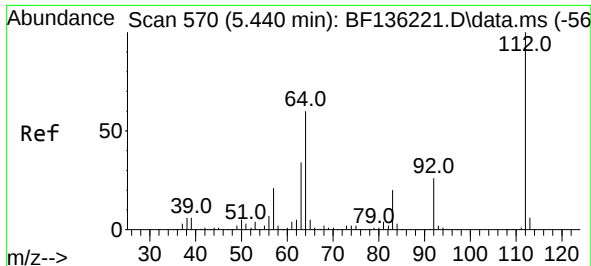
Tgt Ion: 79 Resp: 337636
Ion Ratio Lower Upper
79 100
52 79.2 63.2 94.8
51 39.9 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 38.253 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.047 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion: 42 Resp: 179476
Ion Ratio Lower Upper
42 100
74 133.4 96.6 144.8
44 7.7 5.4 8.2

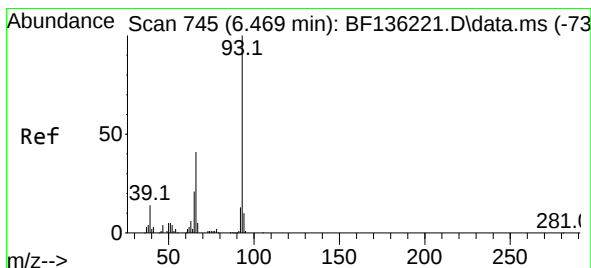
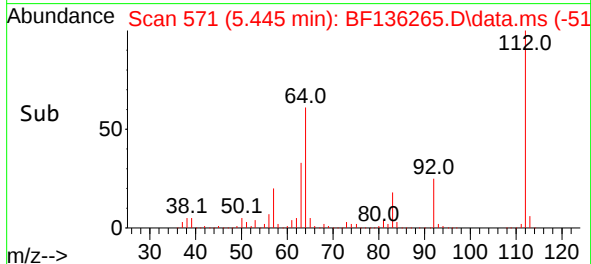
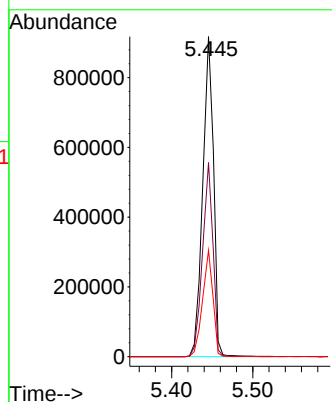
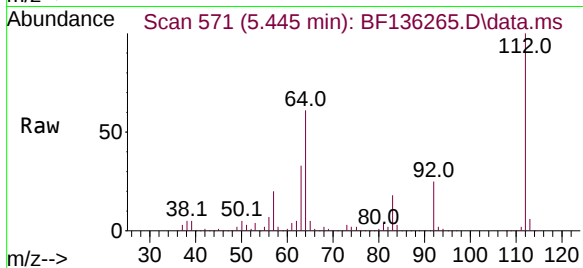




#5
2-Fluorophenol
Concen: 85.252 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

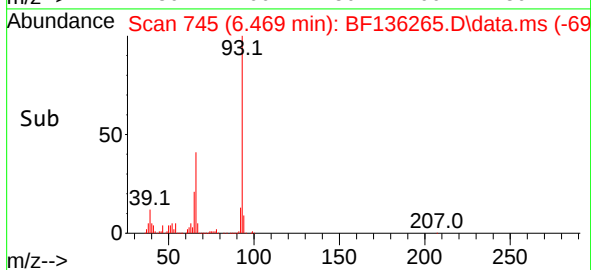
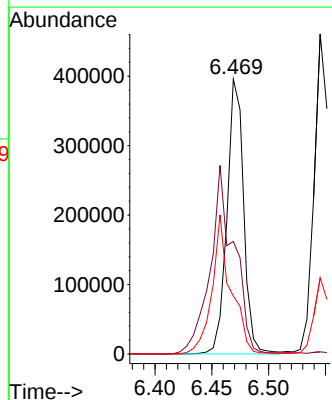
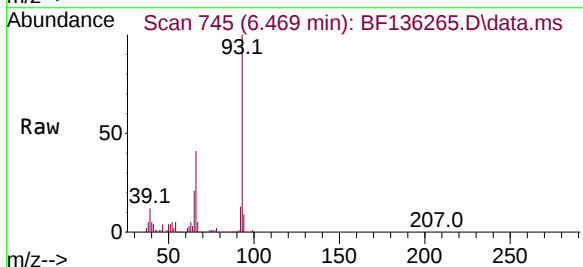
Instrument :
BNA_F
ClientSampleId :
TP-DMS

Tgt Ion:112 Resp: 847183
Ion Ratio Lower Upper
112 100
64 60.7 48.2 72.4
63 33.2 27.0 40.6



#6
Aniline
Concen: 34.502 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion: 93 Resp: 405195
Ion Ratio Lower Upper
93 100
66 40.9 34.1 51.1
65 21.1 17.3 25.9

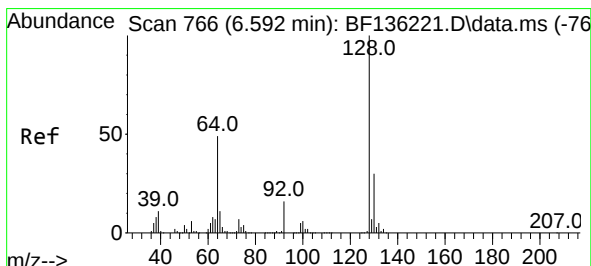
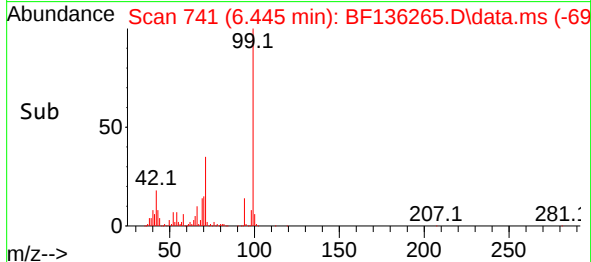
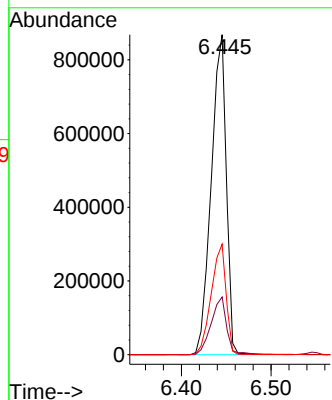
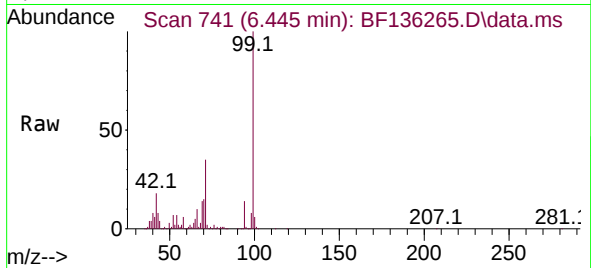




#7
Phenol-d6
Concen: 81.474 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

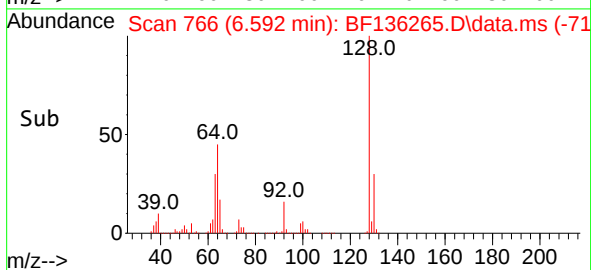
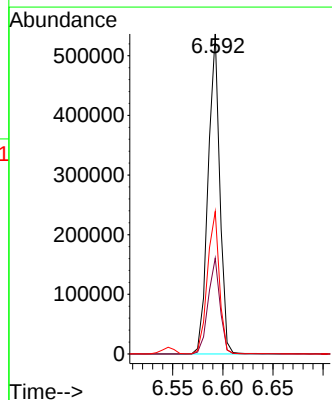
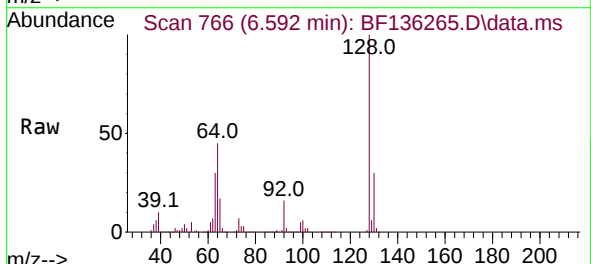
Instrument :
BNA_F
ClientSampleId :
TP-DMS

Tgt Ion: 99 Resp: 1012355
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 34.5 28.9 43.3



#8
2-Chlorophenol
Concen: 40.401 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion: 128 Resp: 437149
Ion Ratio Lower Upper
128 100
130 30.0 10.3 50.3
64 44.5 30.0 70.0





#9

Benzaldehyde

Concen: 8.046 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

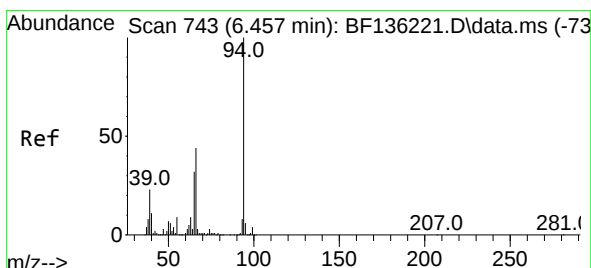
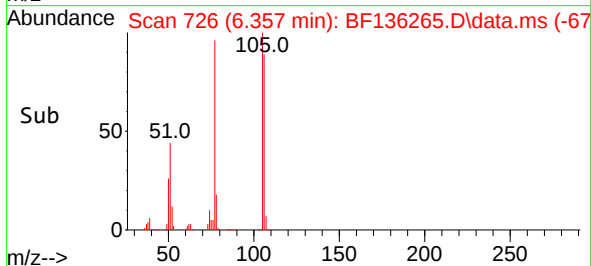
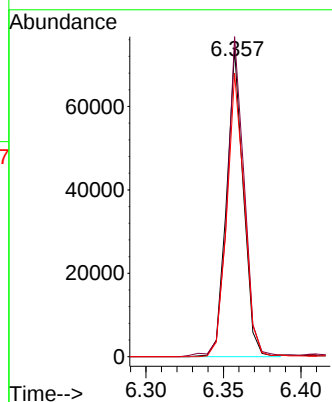
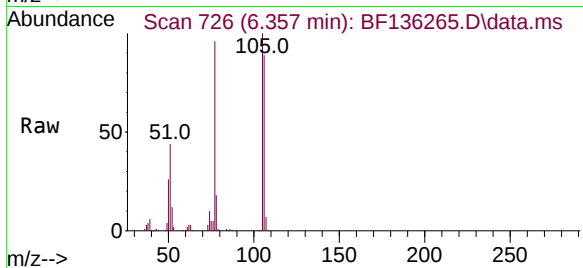
Tgt Ion: 77 Resp: 55719

Ion Ratio Lower Upper

77 100

105 104.0 84.3 124.3

106 92.1 71.0 111.0



#10

Phenol

Concen: 39.462 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

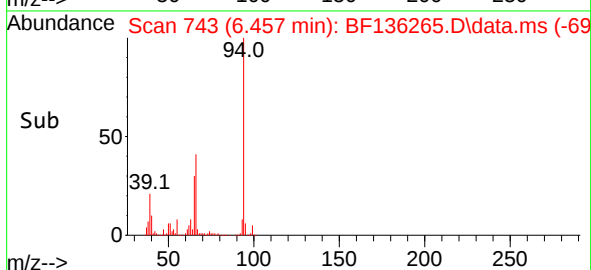
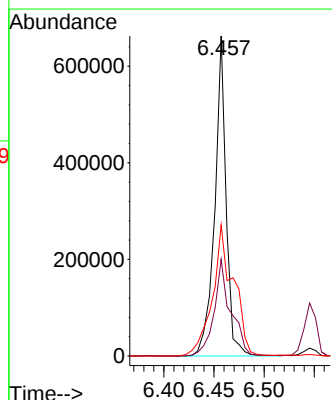
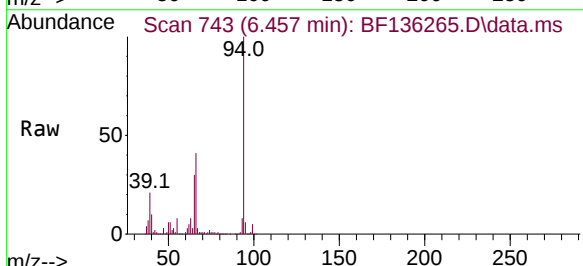
Tgt Ion: 94 Resp: 526041

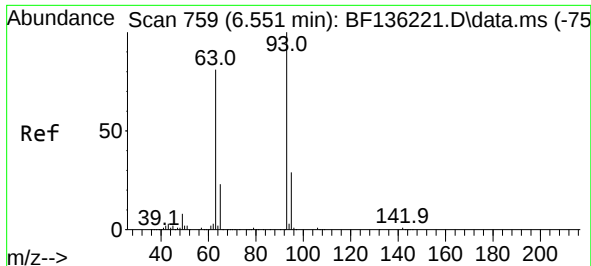
Ion Ratio Lower Upper

94 100

65 30.2 12.5 52.5

66 41.0 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 40.984 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

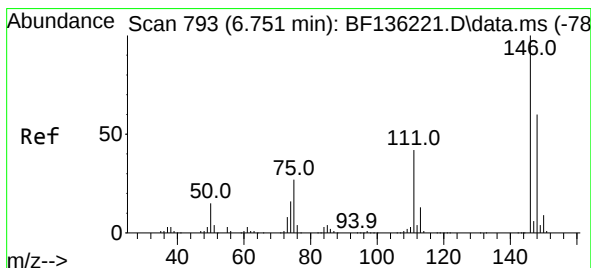
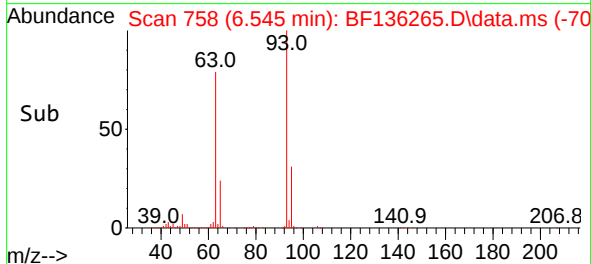
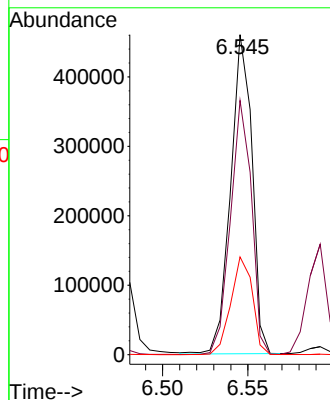
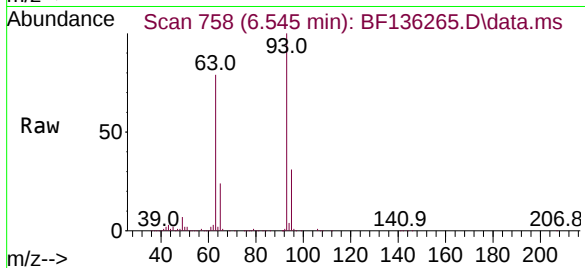
Tgt Ion: 93 Resp: 400788

Ion Ratio Lower Upper

93 100

63 79.4 60.2 100.2

95 30.6 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 39.508 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

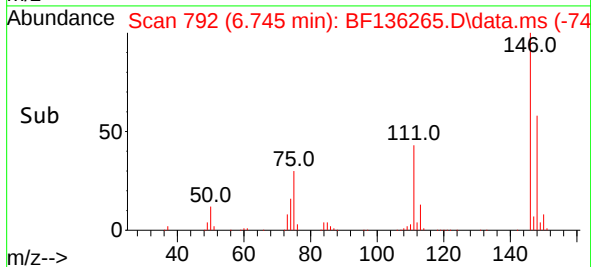
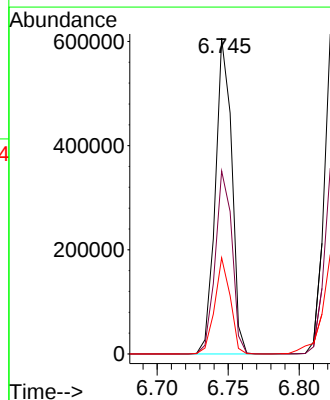
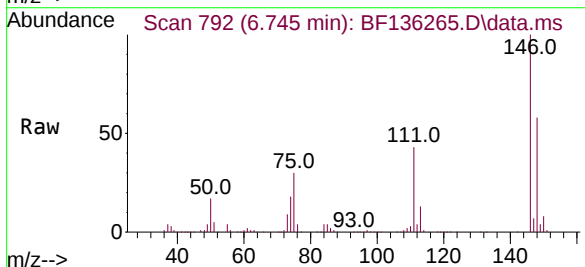
Tgt Ion: 146 Resp: 485127

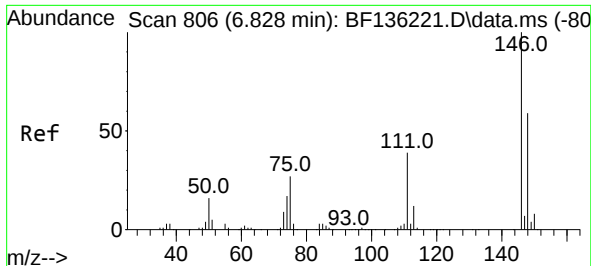
Ion Ratio Lower Upper

146 100

148 58.0 47.8 71.6

75 30.5 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 39.612 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

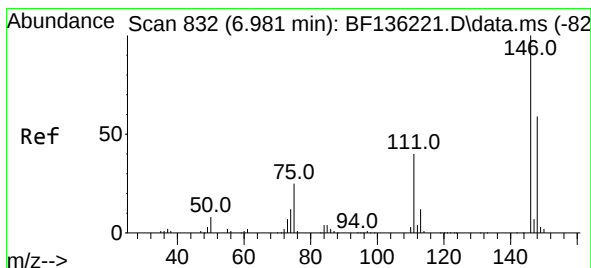
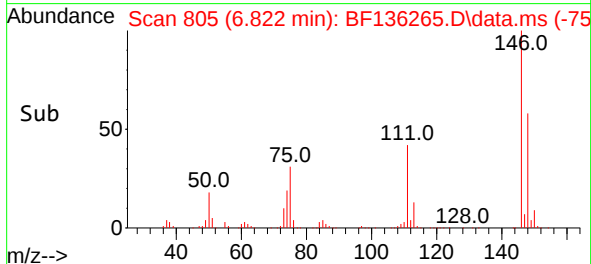
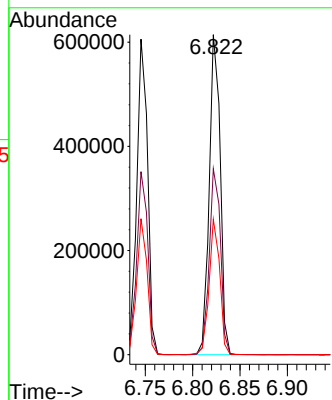
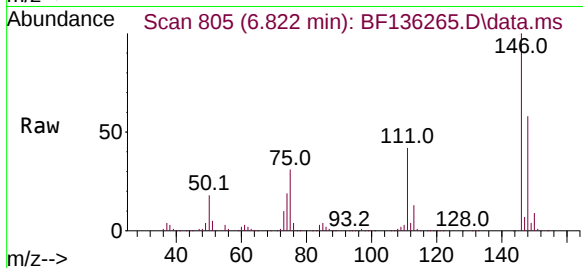
Tgt Ion:146 Resp: 494474

Ion Ratio Lower Upper

146 100

148 58.1 47.0 70.6

111 42.3 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 38.586 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

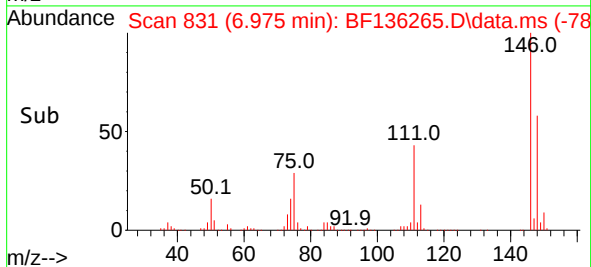
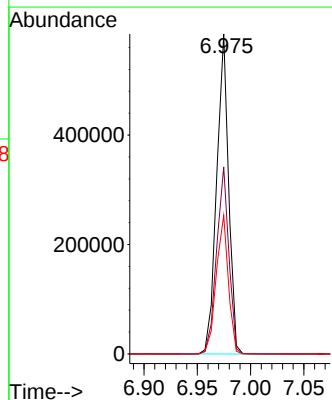
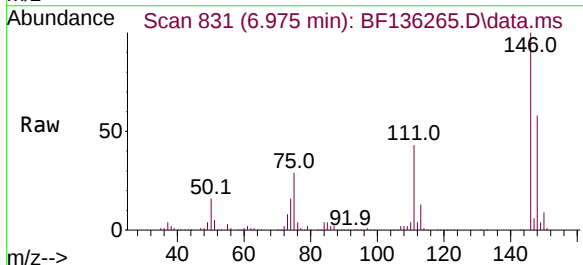
Tgt Ion:146 Resp: 455999

Ion Ratio Lower Upper

146 100

148 58.4 47.3 70.9

111 43.3 32.4 48.6

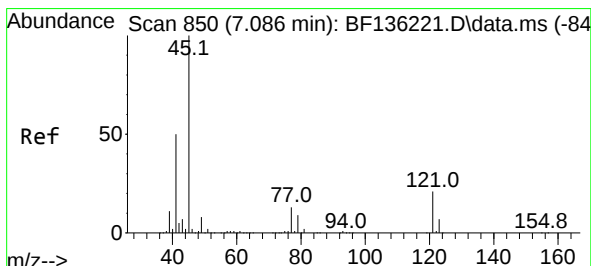
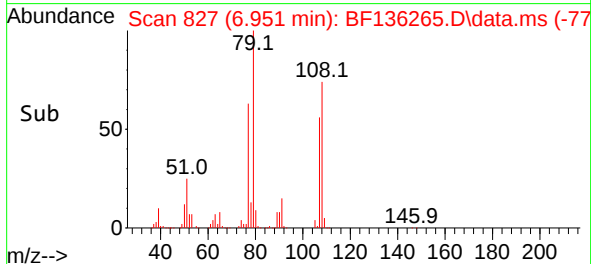
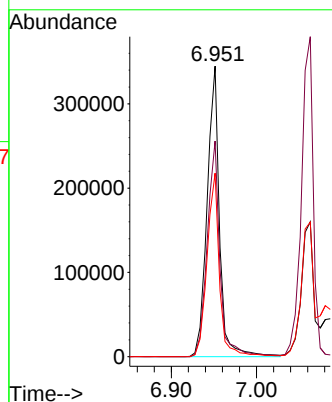
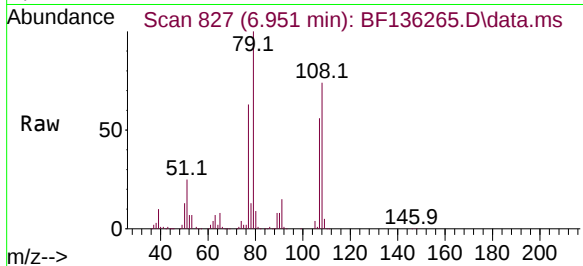




#15
Benzyl Alcohol
Concen: 40.035 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

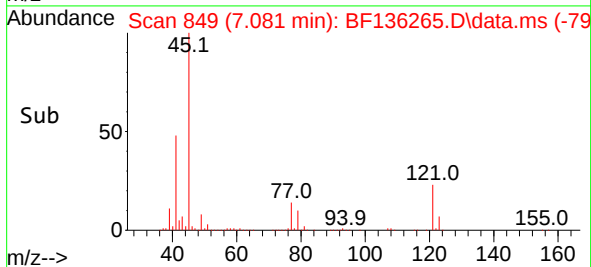
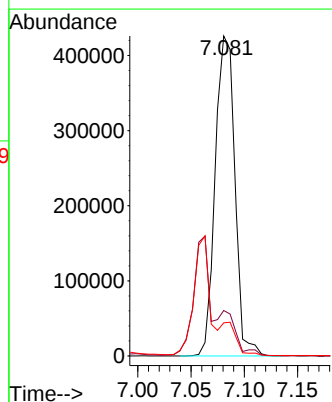
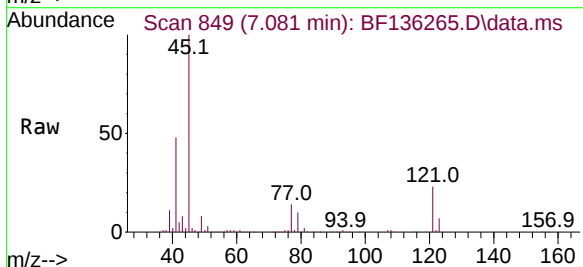
Instrument :
BNA_F
ClientSampleId :
TP-DMS

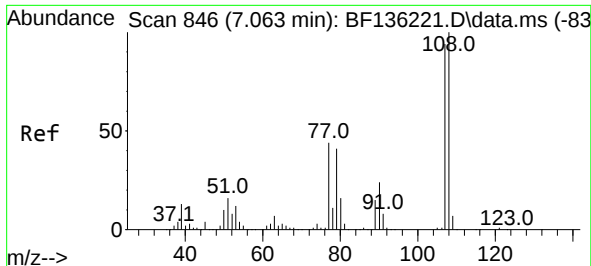
Tgt Ion: 79 Resp: 348771
Ion Ratio Lower Upper
79 100
108 74.3 58.1 87.1
77 63.2 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.128 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion: 45 Resp: 545075
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.0
79 10.4 0.0 30.1

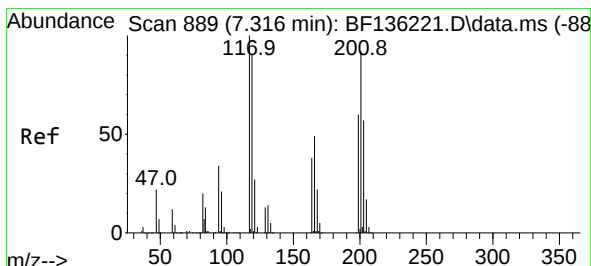
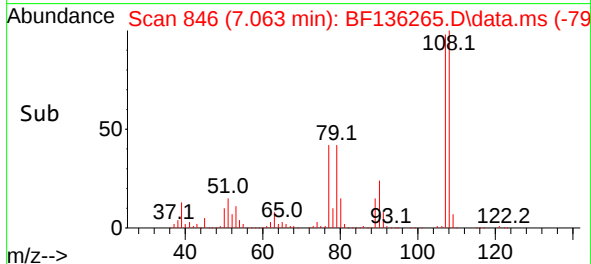
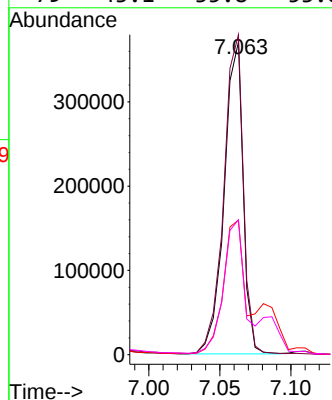
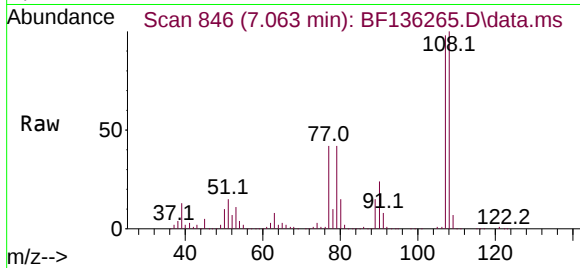




#17
2-Methylphenol
Concen: 40.321 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

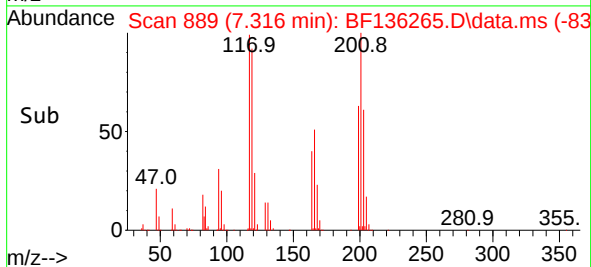
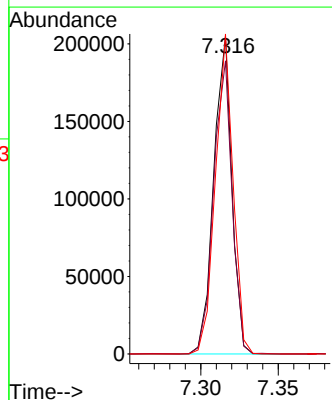
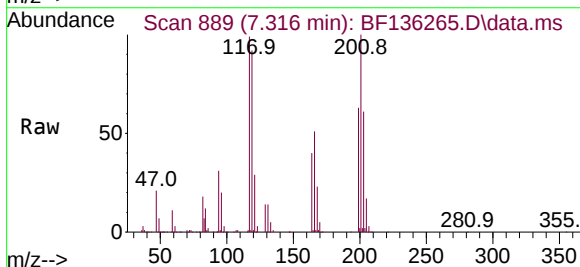
Instrument :
BNA_F
ClientSampleId :
TP-DMS

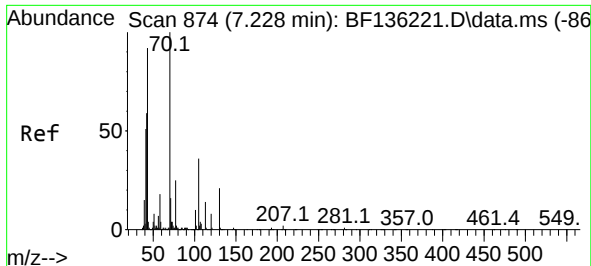
Tgt Ion:107 Resp: 342995
Ion Ratio Lower Upper
107 100
108 102.3 85.4 128.0
77 43.0 37.4 56.2
79 43.1 35.8 53.8



#18
Hexachloroethane
Concen: 37.974 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:117 Resp: 166273
Ion Ratio Lower Upper
117 100
119 92.2 71.6 107.4
201 100.7 73.4 110.2



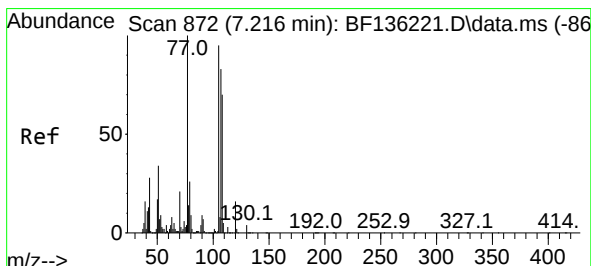
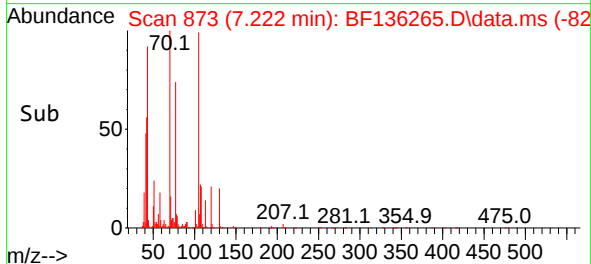
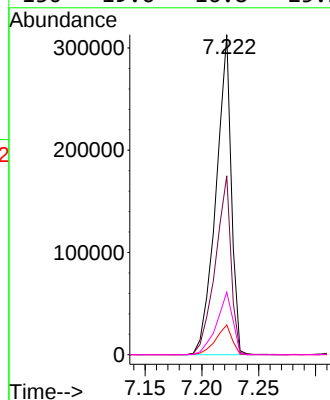
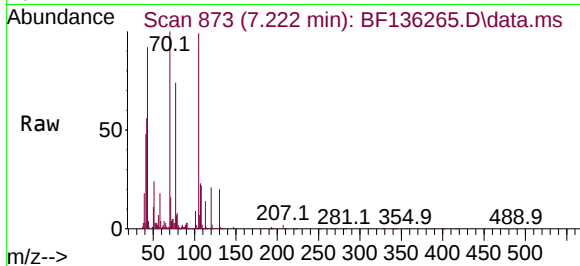


#19
n-Nitroso-di-n-propylamine
Concen: 39.543 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Instrument :
BNA_F
ClientSampleId :
TP-DMS

Tgt Ion: 70 Resp: 293859

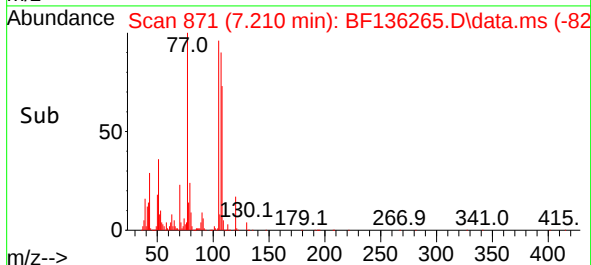
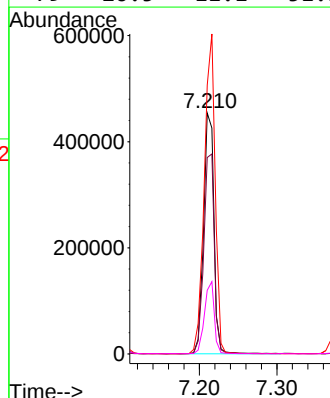
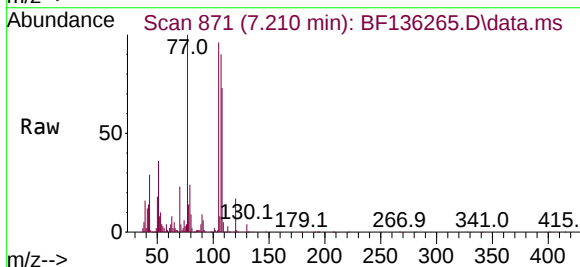
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.0	70.4
101	9.3	7.8	11.8
130	19.6	16.8	25.2

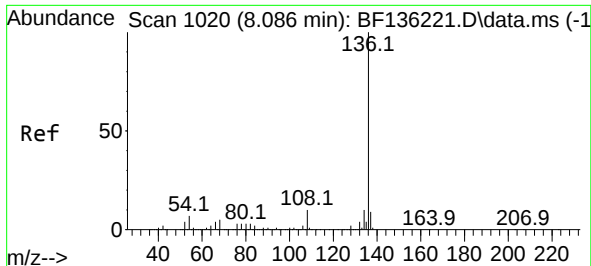


#20
3+4-Methylphenols
Concen: 37.999 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion: 107 Resp: 420102

Ion	Ratio	Lower	Upper
107	100		
108	81.5	63.9	103.9
77	111.6	100.2	140.2
79	26.5	11.1	51.1

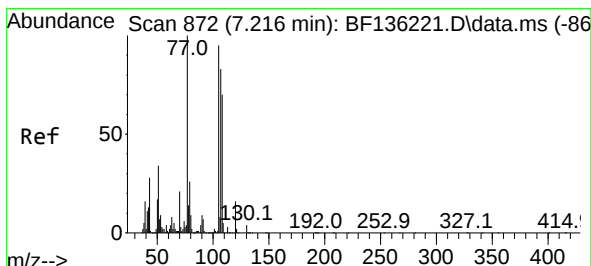
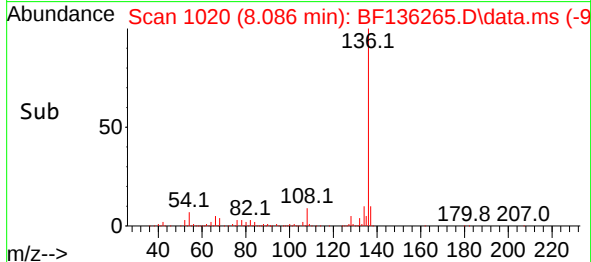
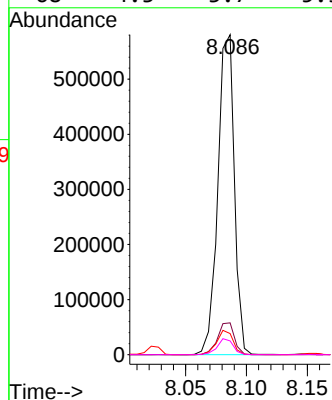
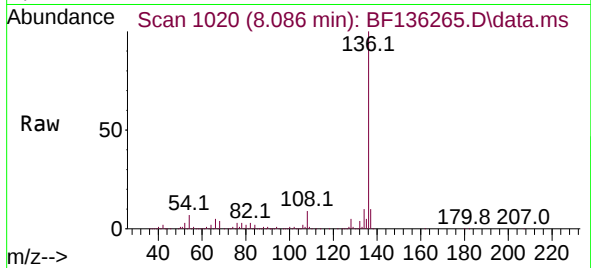




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

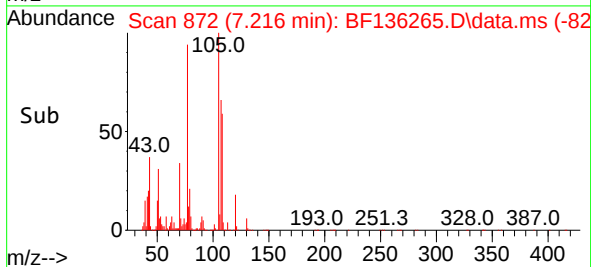
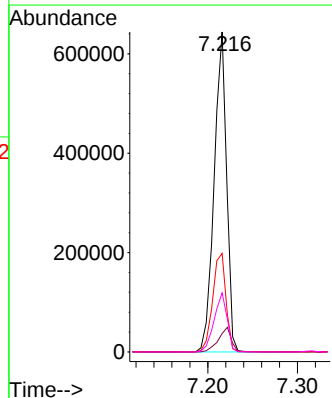
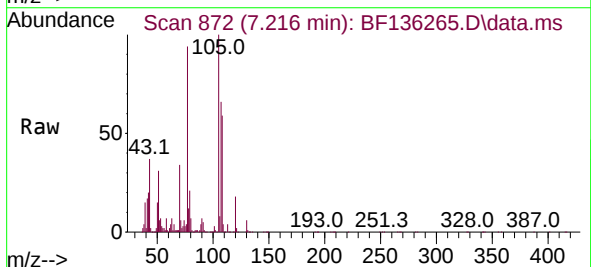
Instrument :
BNA_F
ClientSampleId :
TP-DMS

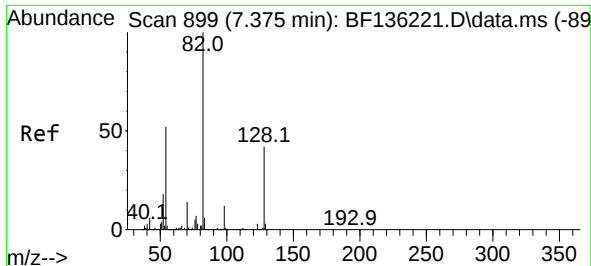
Tgt Ion:	136	Resp:	549050
Ion	Ratio	Lower	Upper
136	100		
137	9.9	7.4	11.2
54	6.6	5.5	8.3
68	4.3	3.7	5.5



#22
Acetophenone
Concen: 43.075 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:	105	Resp:	621134
Ion	Ratio	Lower	Upper
105	100		
71	5.8	2.8	4.2
51	30.8	29.0	43.6
120	18.4	13.9	20.9





#23

Nitrobenzene-d5

Concen: 59.629 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

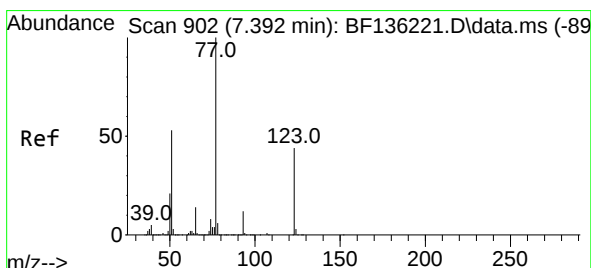
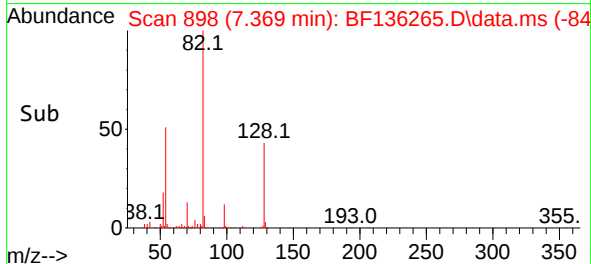
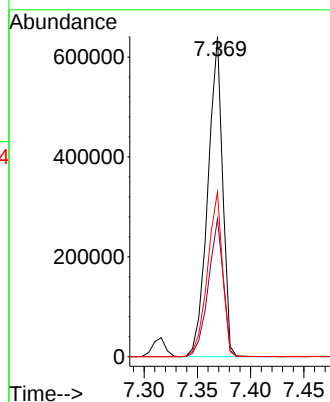
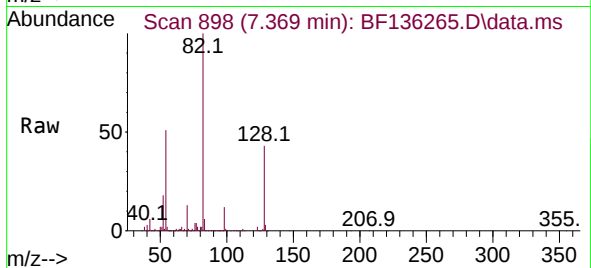
Tgt Ion: 82 Resp: 619559

Ion Ratio Lower Upper

82 100

128 43.1 33.4 50.2

54 51.5 41.7 62.5



#24

Nitrobenzene

Concen: 40.332 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

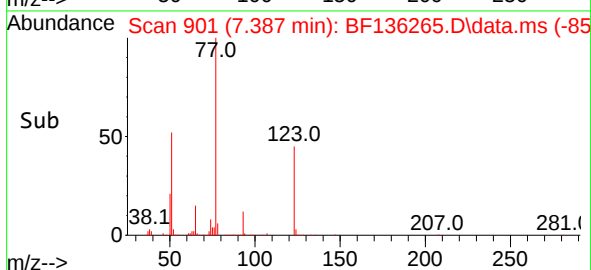
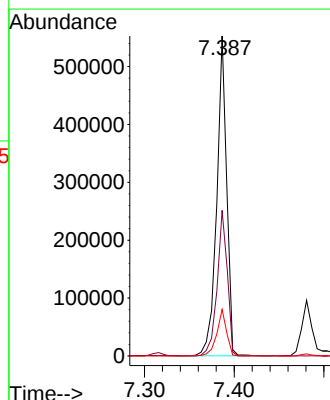
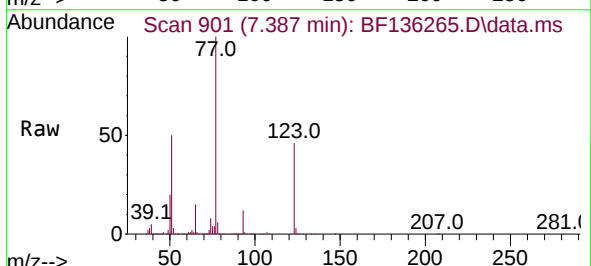
Tgt Ion: 77 Resp: 424663

Ion Ratio Lower Upper

77 100

123 45.5 35.4 53.2

65 14.5 11.0 16.6

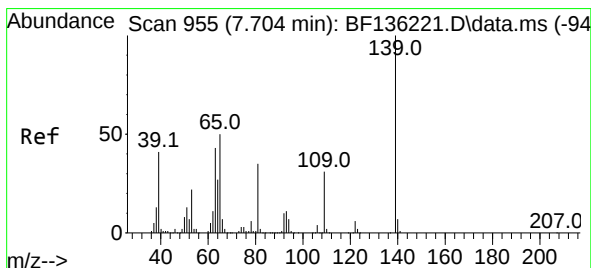
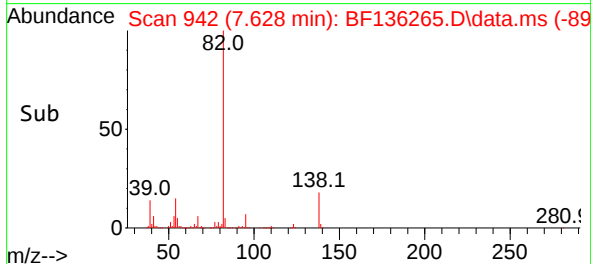
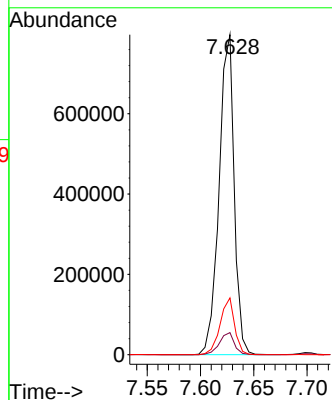
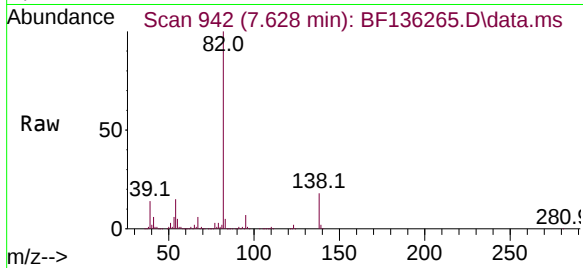




#25
Isophorone
Concen: 41.848 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

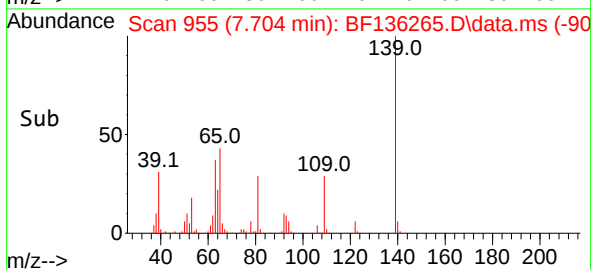
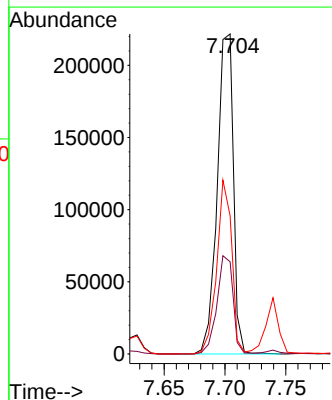
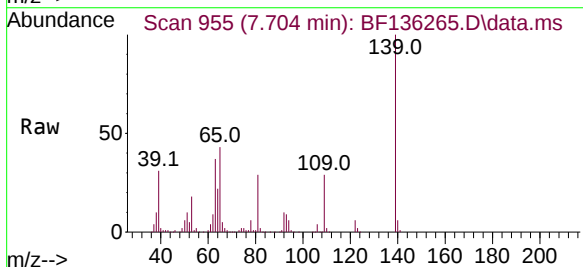
Instrument :
BNA_F
ClientSampleId :
TP-DMS

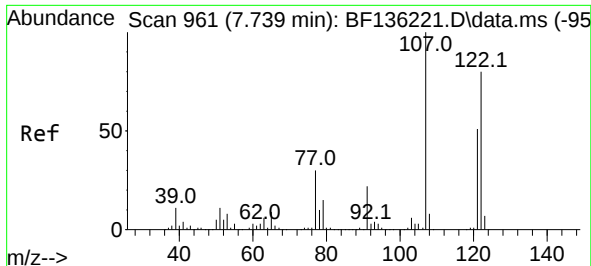
Tgt Ion: 82 Resp: 784019
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 12.8 19.2



#26
2-Nitrophenol
Concen: 45.672 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion: 139 Resp: 204896
Ion Ratio Lower Upper
139 100
109 28.8 25.0 37.6
65 43.2 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 52.407 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

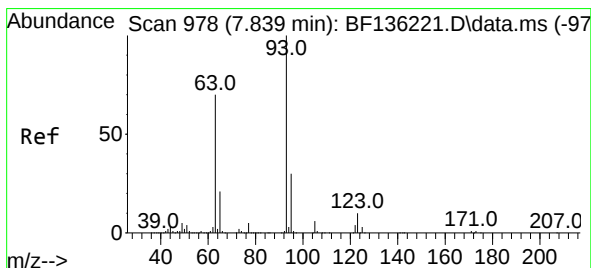
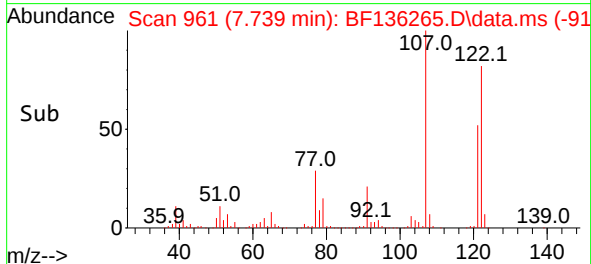
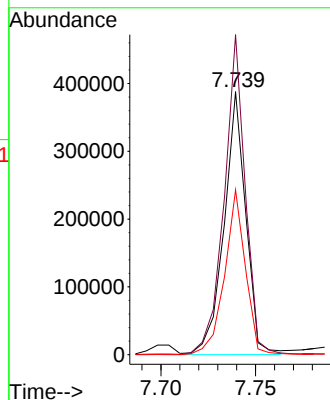
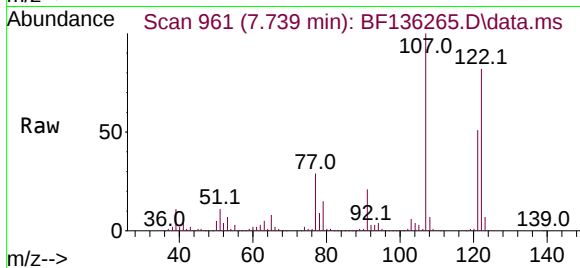
Tgt Ion:122 Resp: 309453

Ion Ratio Lower Upper

122 100

107 121.7 100.0 150.0

121 62.6 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.243 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

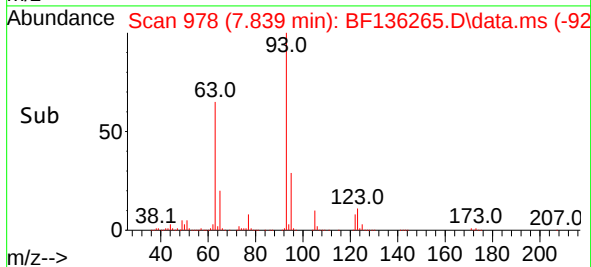
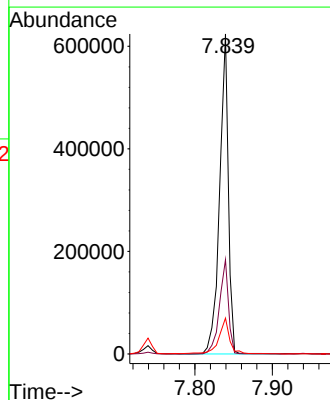
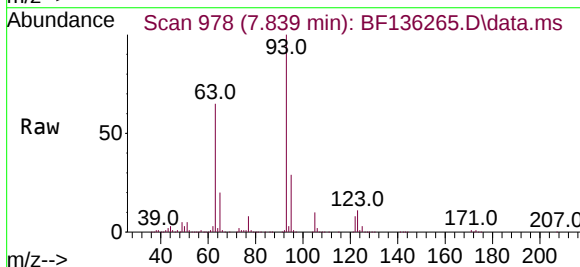
Tgt Ion: 93 Resp: 490044

Ion Ratio Lower Upper

93 100

95 29.5 23.8 35.6

123 11.2 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 41.779 ng

RT: 7.939 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

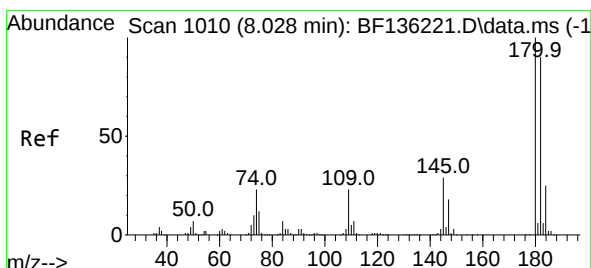
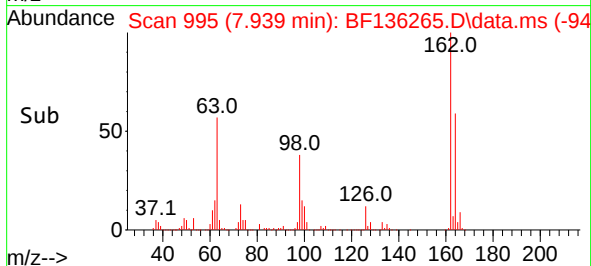
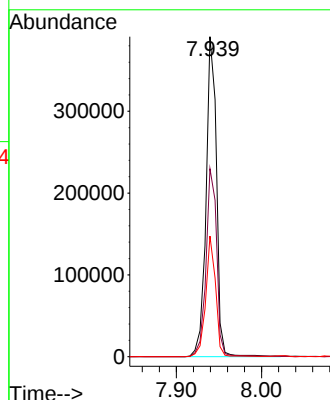
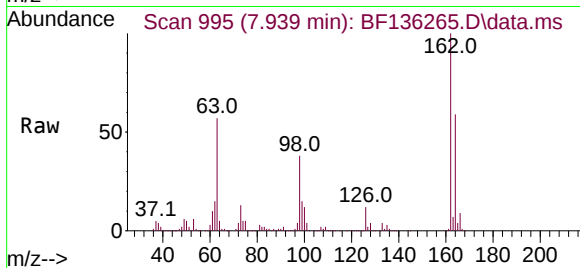
Tgt Ion:162 Resp: 332750

Ion Ratio Lower Upper

162 100

164 58.8 40.3 80.3

98 37.7 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 40.649 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

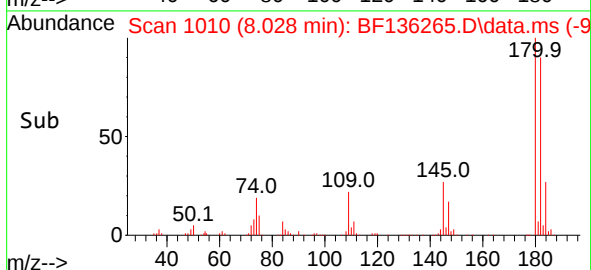
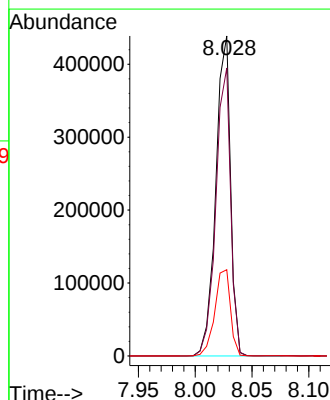
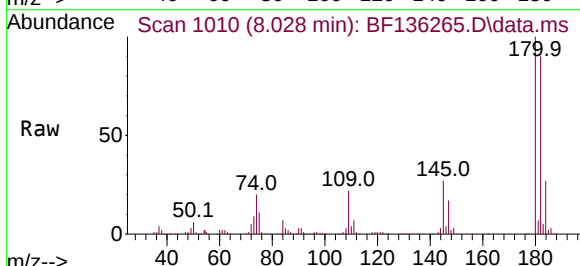
Tgt Ion:180 Resp: 396382

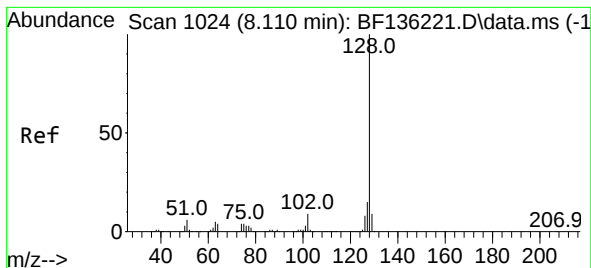
Ion Ratio Lower Upper

180 100

182 90.0 71.6 107.4

145 26.9 23.0 34.4





#31

Naphthalene

Concen: 41.237 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

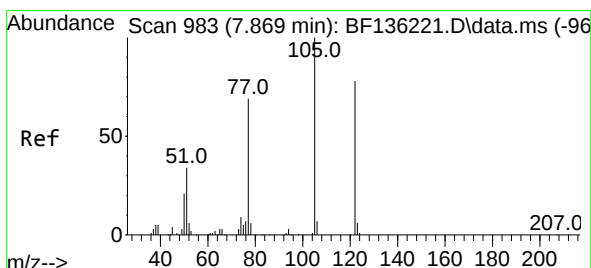
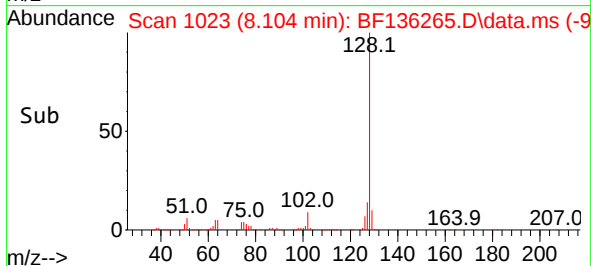
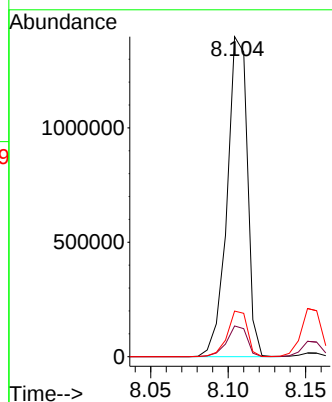
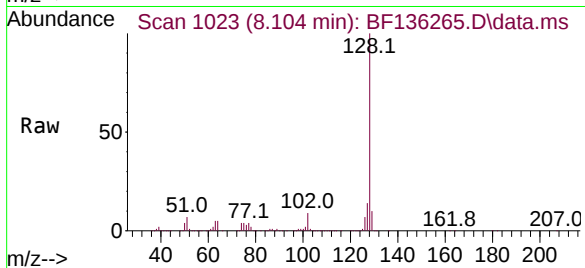
Tgt Ion:128 Resp: 1272622

Ion Ratio Lower Upper

128 100

129 9.6 7.3 10.9

127 14.3 11.8 17.6



#32

Benzoic acid

Concen: 38.432 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.012 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

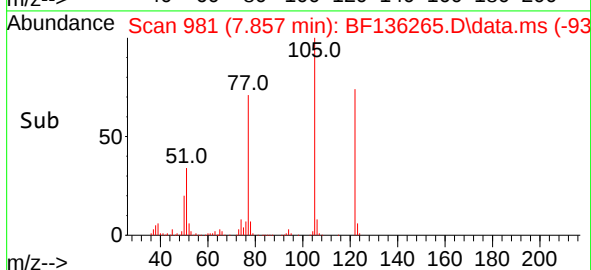
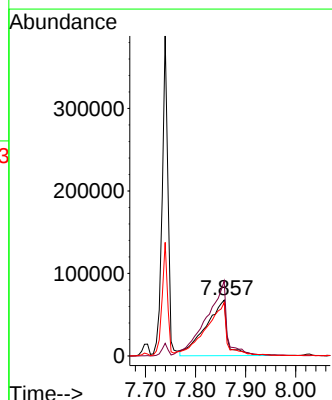
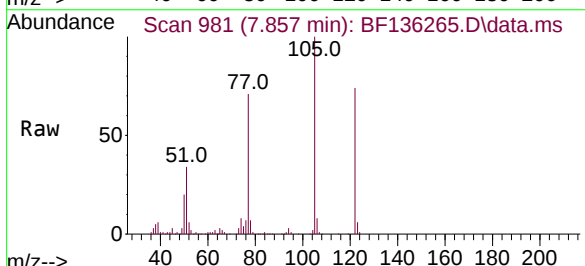
Tgt Ion:122 Resp: 206821

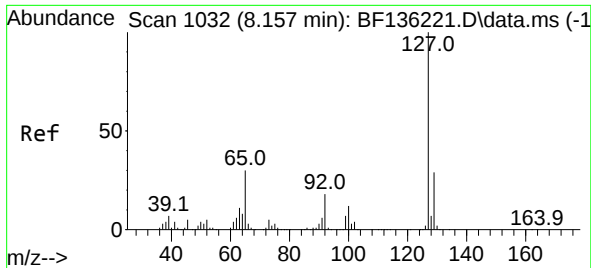
Ion Ratio Lower Upper

122 100

105 134.3 103.7 143.7

77 95.6 66.8 106.8

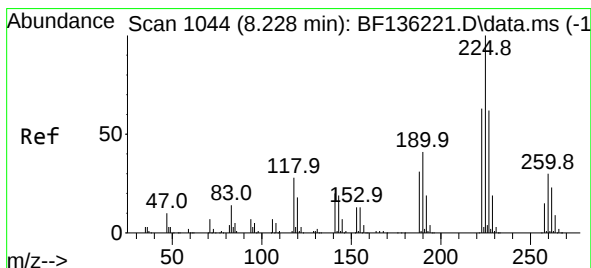
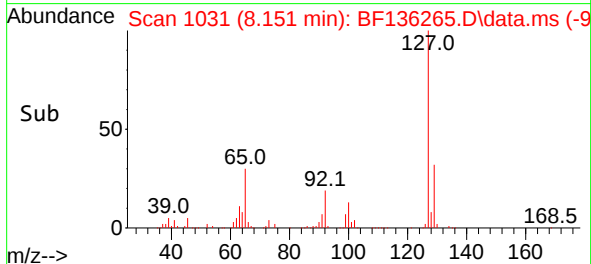
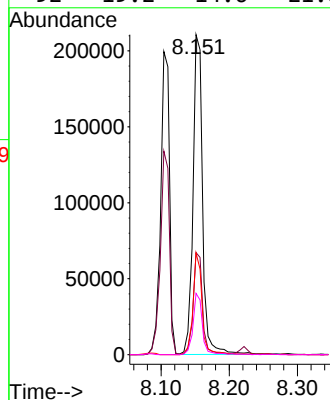
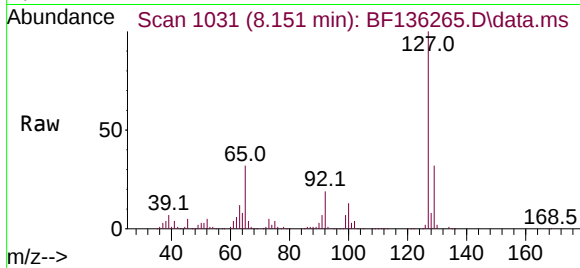




#33
4-Chloroaniline
Concen: 19.700 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

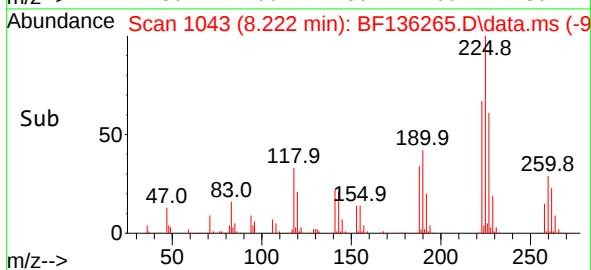
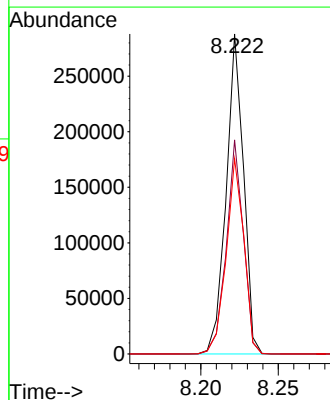
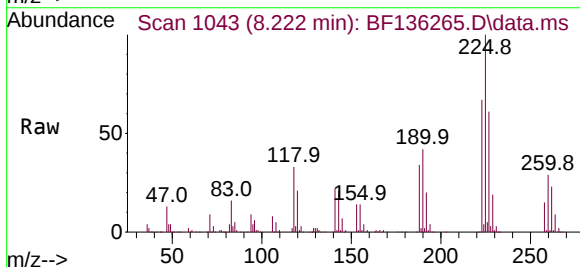
Instrument :
BNA_F
ClientSampleId :
TP-DMS

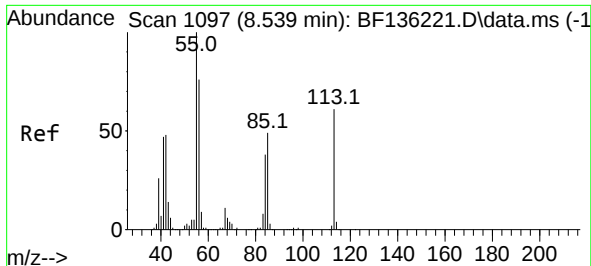
Tgt Ion:	127	Resp:	206656
Ion	Ratio	Lower	Upper
127	100		
129	31.9	23.4	35.2
65	31.8	23.8	35.6
92	19.2	14.6	21.8



#34
Hexachlorobutadiene
Concen: 39.311 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:	225	Resp:	224263
Ion	Ratio	Lower	Upper
225	100		
223	66.9	50.6	75.8
227	61.0	49.6	74.4

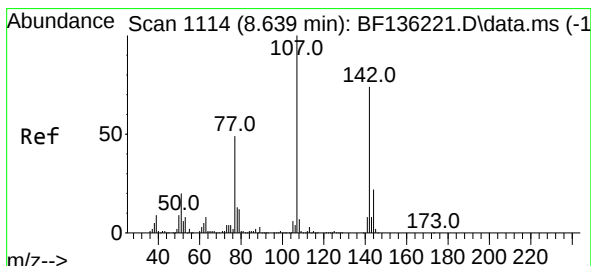
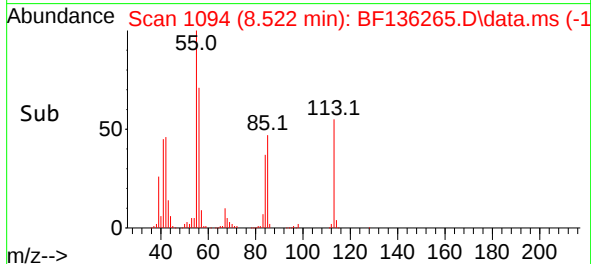
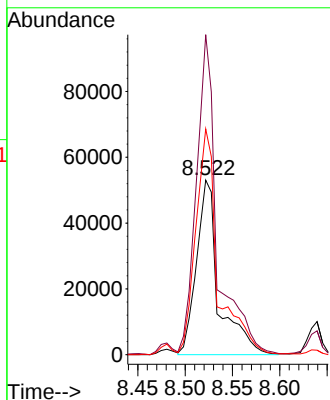
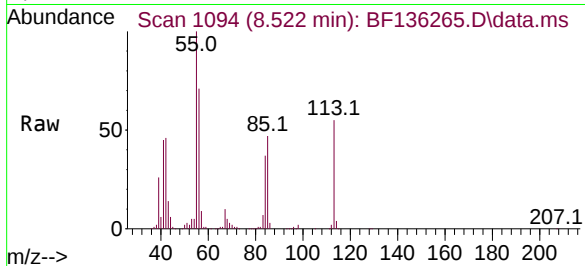




#35
 Caprolactam
 Concen: 39.189 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. -0.018 min
 Lab File: BF136265.D
 Acq: 28 Nov 2023 23:45

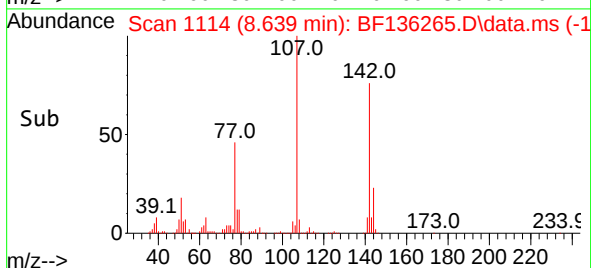
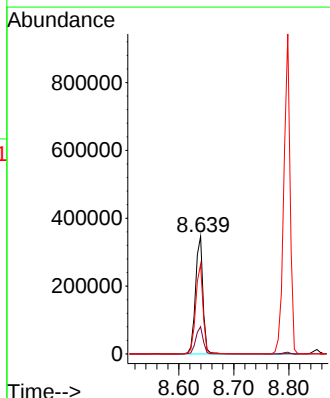
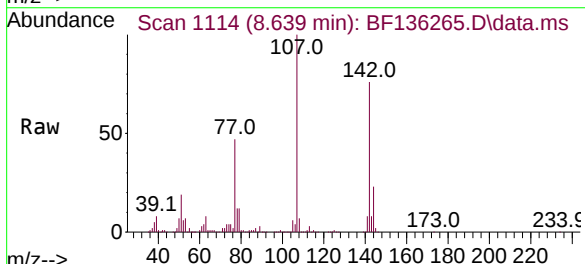
Instrument :
 BNA_F
 ClientSampleId :
 TP-DMS

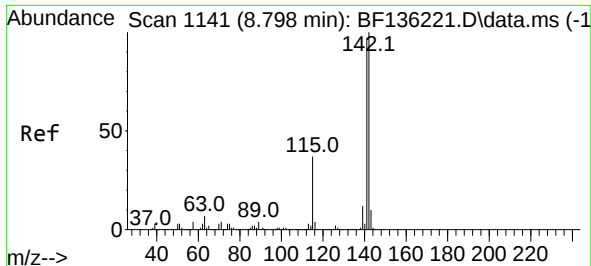
Tgt Ion:113 Resp: 87254
 Ion Ratio Lower Upper
 113 100
 55 183.4 143.1 183.1#
 56 129.4 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 37.678 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136265.D
 Acq: 28 Nov 2023 23:45

Tgt Ion:107 Resp: 325466
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.8 26.8
 142 76.3 59.4 89.0





#37

2-Methylnaphthalene

Concen: 38.308 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

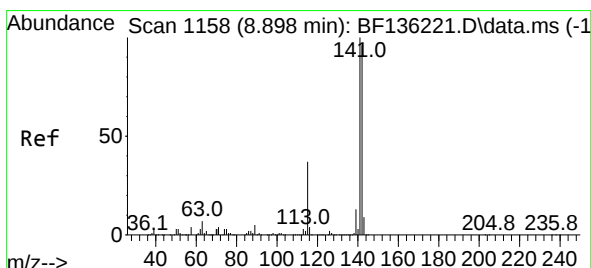
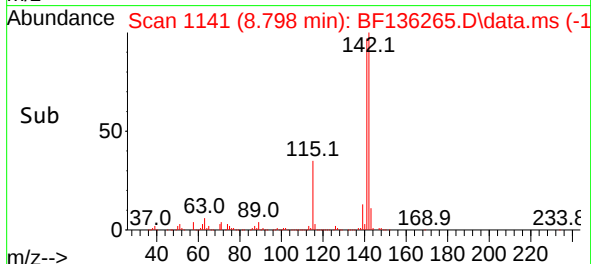
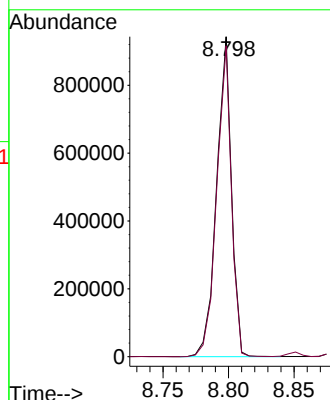
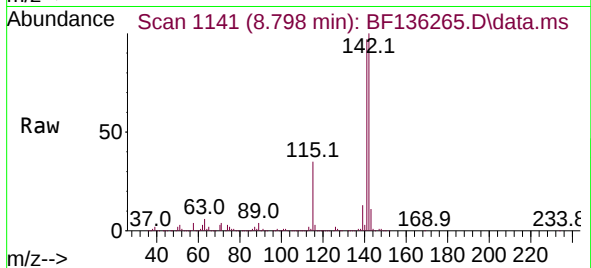
TP-DMS

Tgt Ion:142 Resp: 741591

Ion Ratio Lower Upper

142 100

141 97.1 77.8 116.8



#38

1-Methylnaphthalene

Concen: 37.236 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136265.D

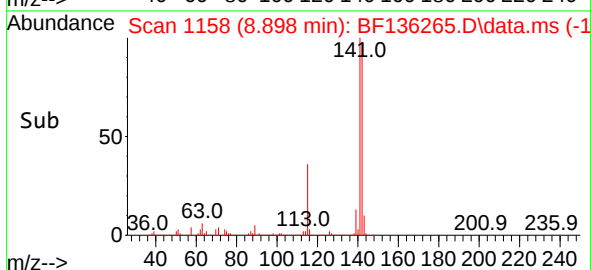
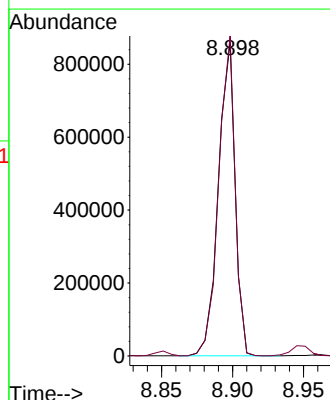
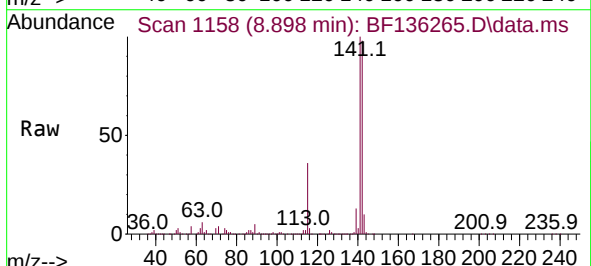
Acq: 28 Nov 2023 23:45

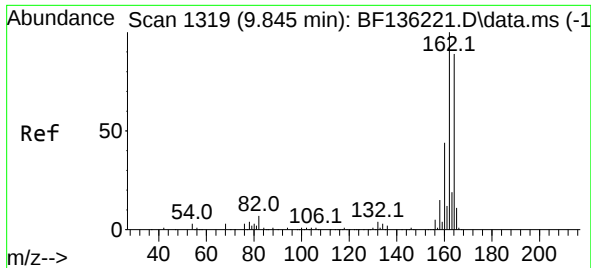
Tgt Ion:142 Resp: 703188

Ion Ratio Lower Upper

142 100

141 102.1 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

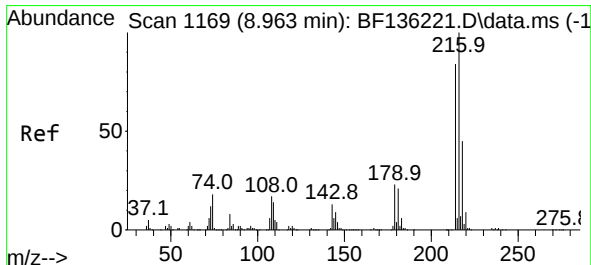
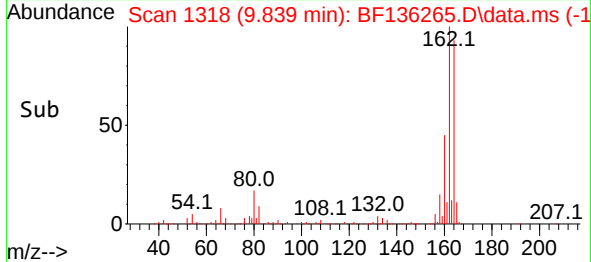
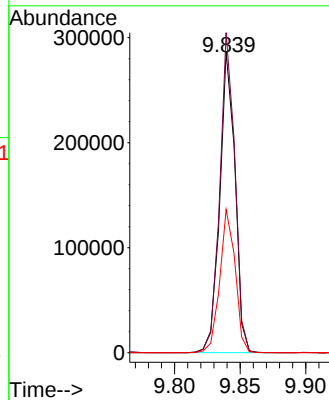
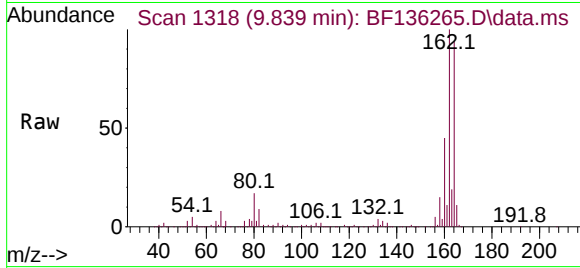
Tgt Ion:164 Resp: 231245

Ion Ratio Lower Upper

164 100

162 106.3 89.5 134.3

160 47.6 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.572 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Tgt Ion:216 Resp: 350100

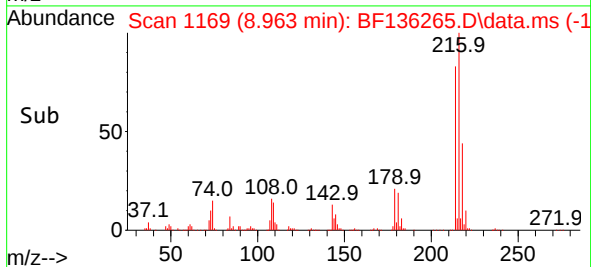
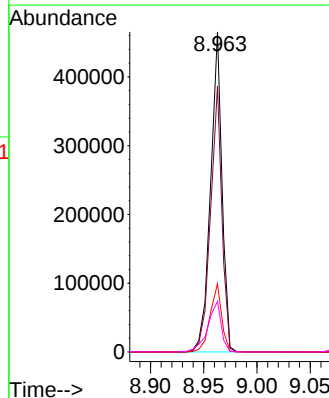
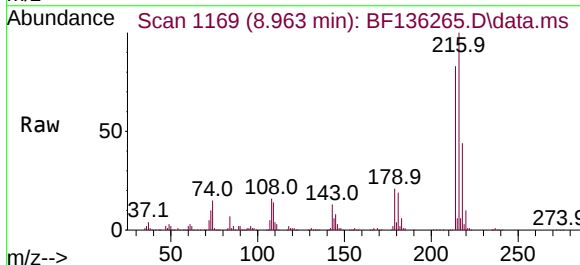
Ion Ratio Lower Upper

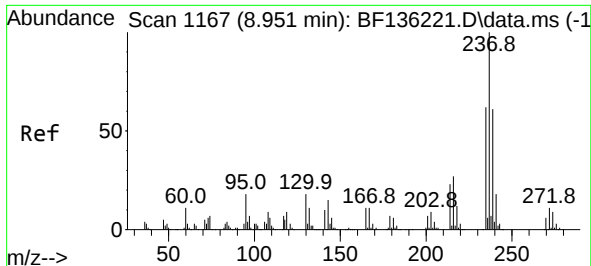
216 100

214 82.4 65.8 98.8

179 21.5 17.4 26.0

108 18.5 14.1 21.1

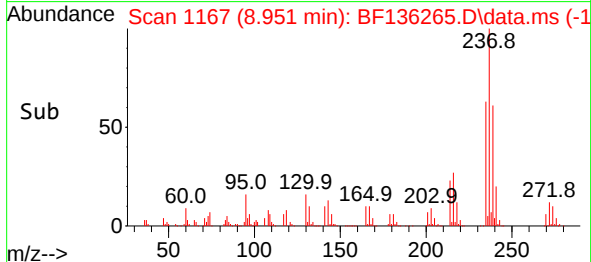
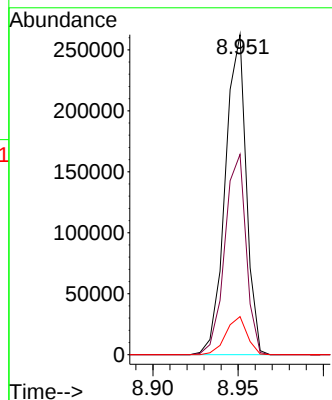
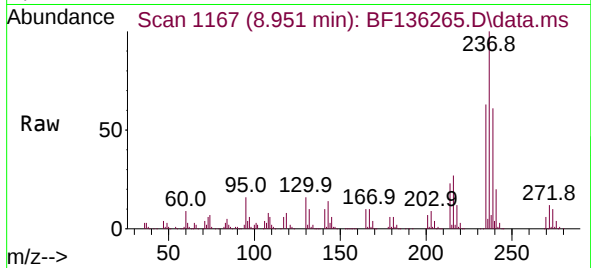




#41
Hexachlorocyclopentadiene
Concen: 79.451 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

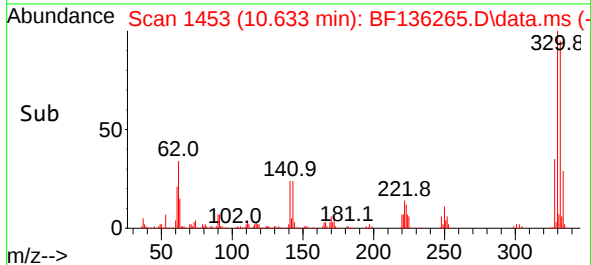
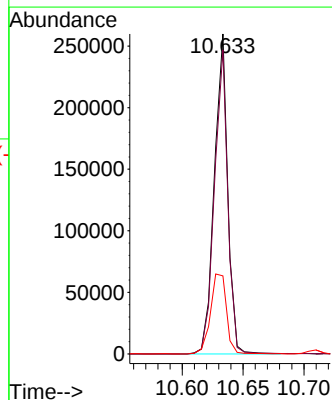
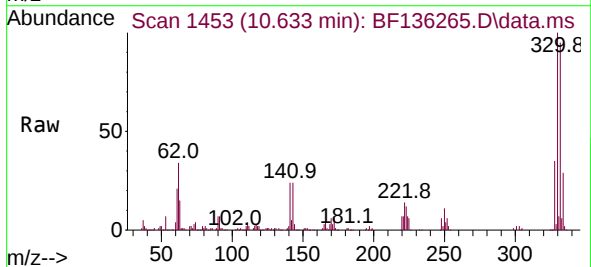
Instrument :
BNA_F
ClientSampleId :
TP-DMS

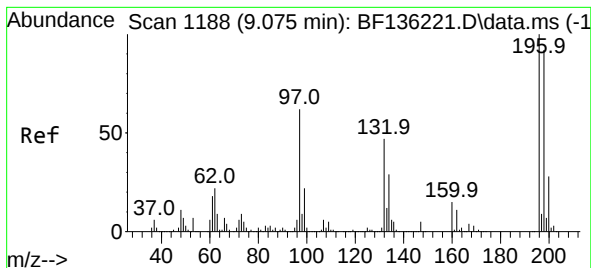
Tgt Ion:237 Resp: 224988
Ion Ratio Lower Upper
237 100
235 62.6 42.1 82.1
272 11.9 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 70.576 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:330 Resp: 199529
Ion Ratio Lower Upper
330 100
332 94.6 73.0 109.6
141 29.9 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 44.819 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

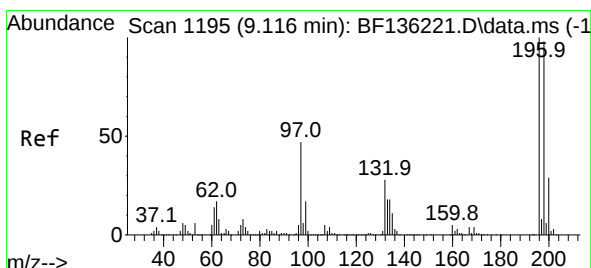
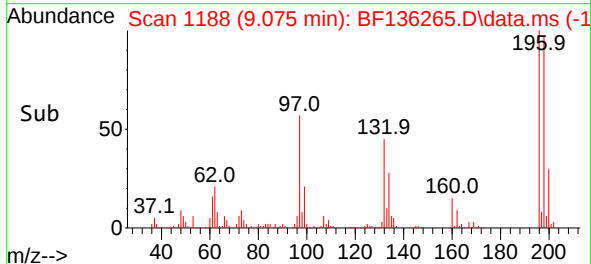
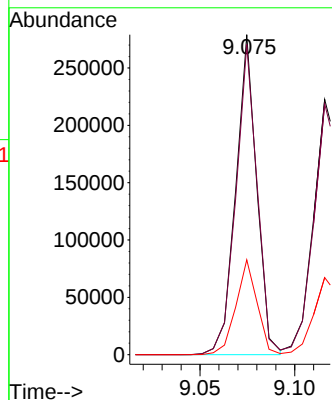
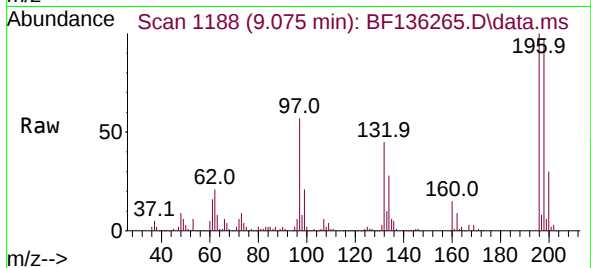
Tgt Ion:196 Resp: 214091

Ion Ratio Lower Upper

196 100

198 96.9 73.2 109.8

200 29.6 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 41.221 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Tgt Ion:196 Resp: 214879

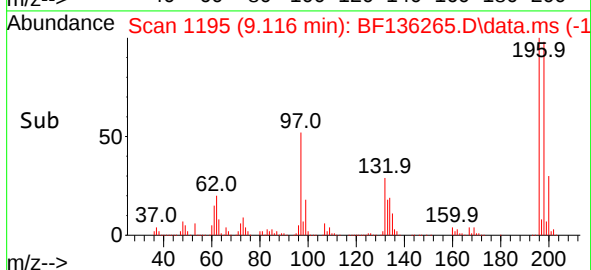
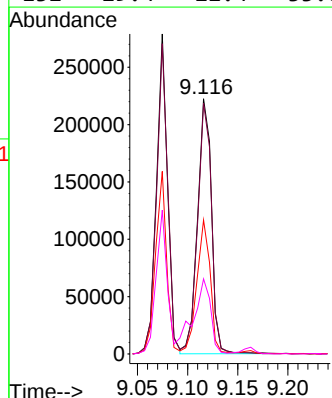
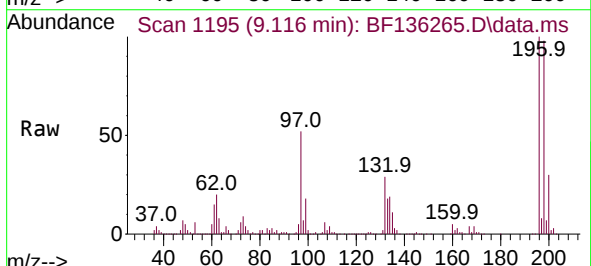
Ion Ratio Lower Upper

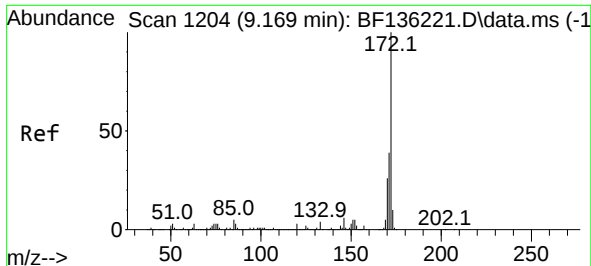
196 100

198 98.2 78.8 118.2

97 52.5 37.8 56.8

132 29.4 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 61.964 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

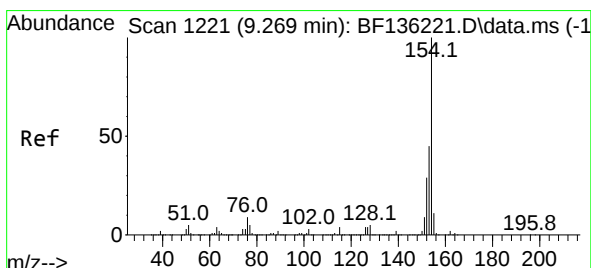
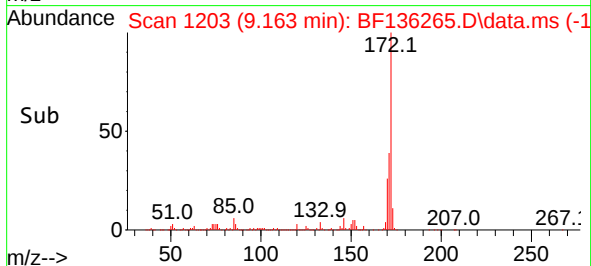
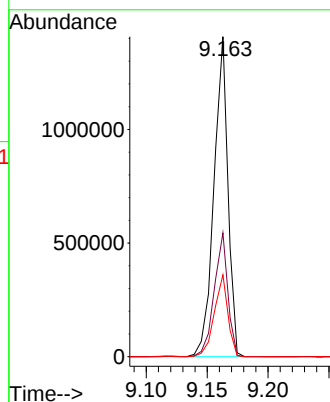
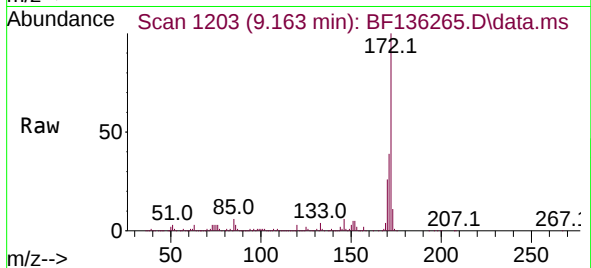
Tgt Ion:172 Resp: 1121812

Ion Ratio Lower Upper

172 100

171 38.7 31.5 47.3

170 25.6 20.8 31.2



#46

1,1'-Biphenyl

Concen: 47.141 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

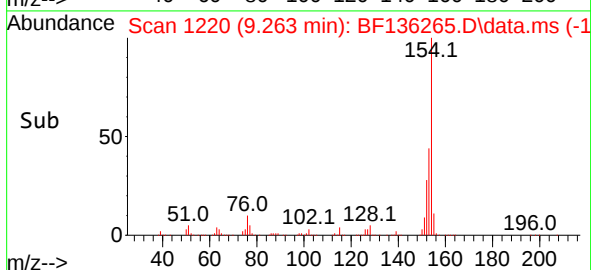
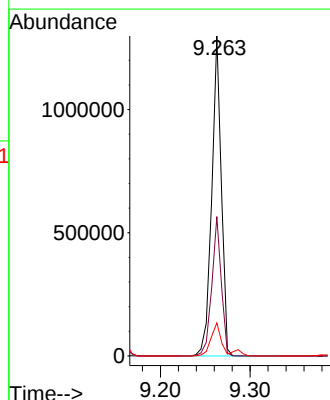
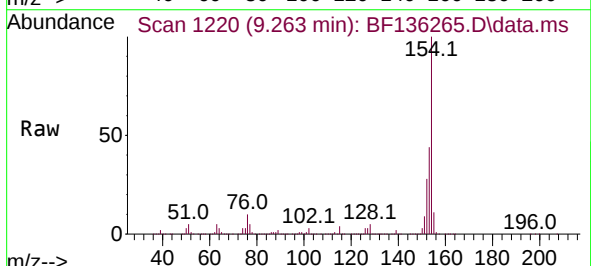
Tgt Ion:154 Resp: 961315

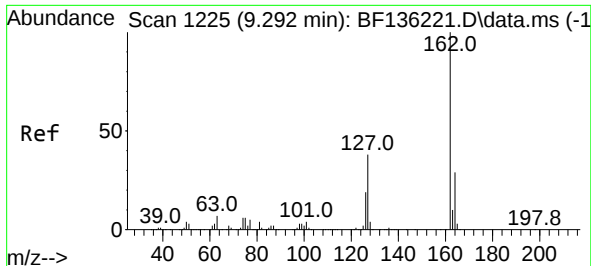
Ion Ratio Lower Upper

154 100

153 43.6 24.6 64.6

76 10.3 0.0 29.4





#47

2-Chloronaphthalene

Concen: 43.543 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

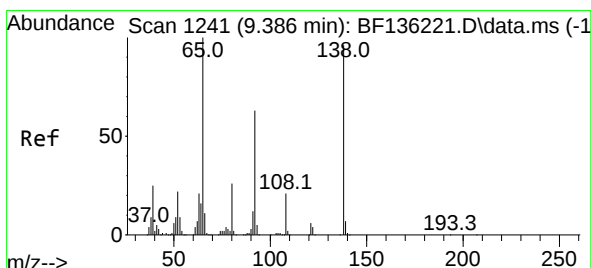
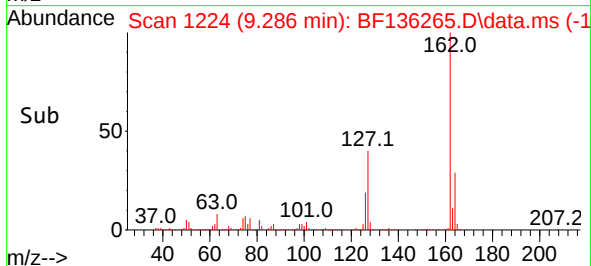
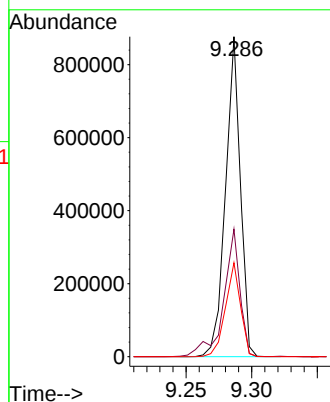
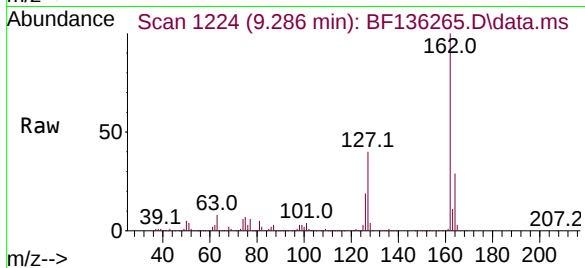
Tgt Ion:162 Resp: 689561

Ion Ratio Lower Upper

162 100

127 39.9 30.2 45.2

164 29.3 22.8 34.2



#48

2-Nitroaniline

Concen: 42.924 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

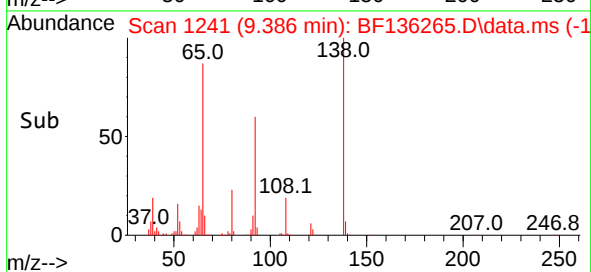
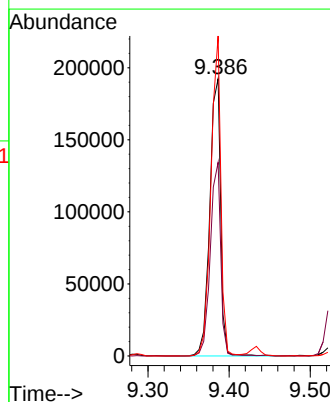
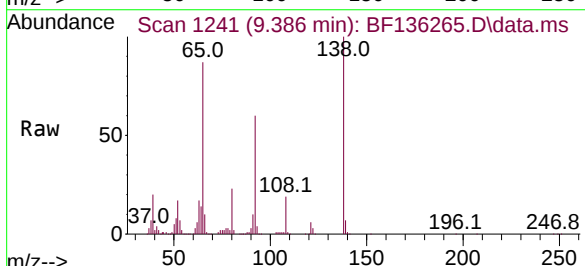
Tgt Ion: 65 Resp: 177476

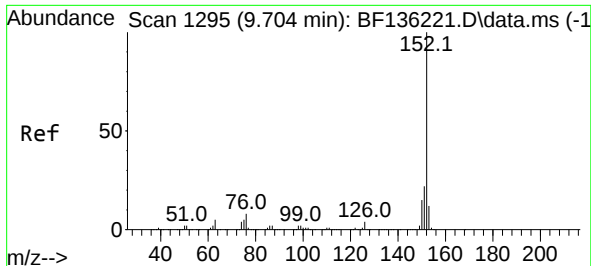
Ion Ratio Lower Upper

65 100

92 69.8 50.6 75.8

138 115.4 76.7 115.1#

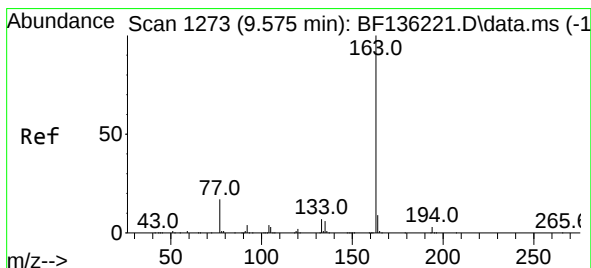
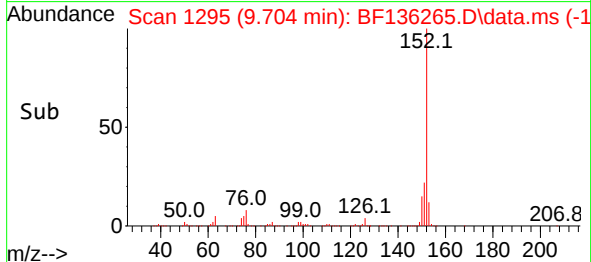
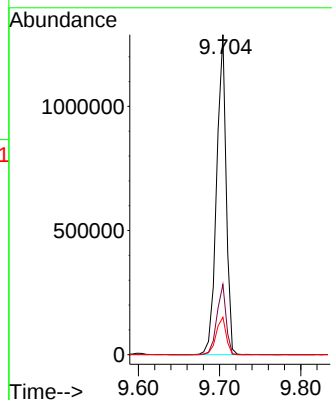
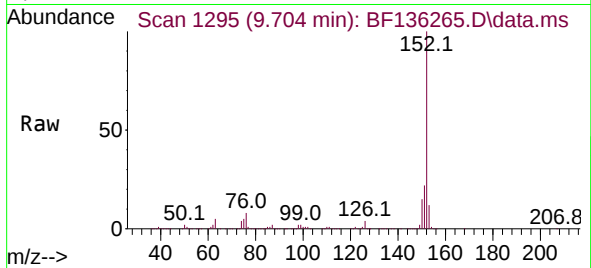




#49
Acenaphthylene
Concen: 46.470 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

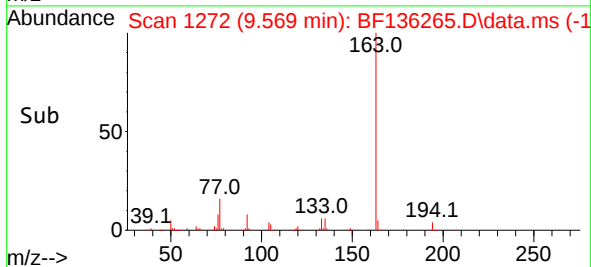
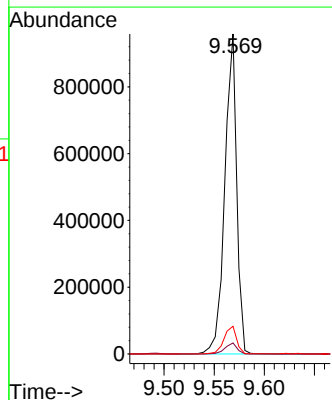
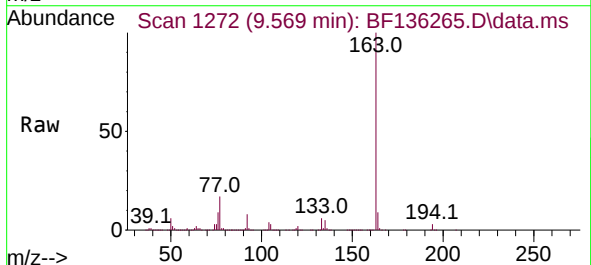
Instrument :
BNA_F
ClientSampleId :
TP-DMS

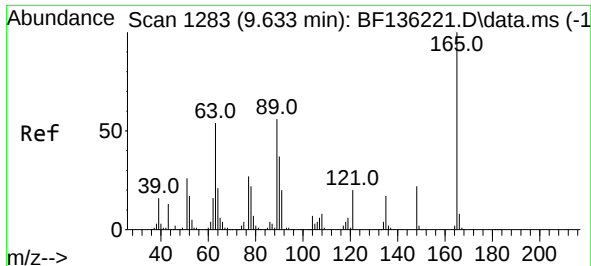
Tgt Ion:152 Resp: 1050203
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3
153 11.7 9.6 14.4



#50
Dimethylphthalate
Concen: 45.043 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:163 Resp: 787260
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 8.7 7.0 10.6

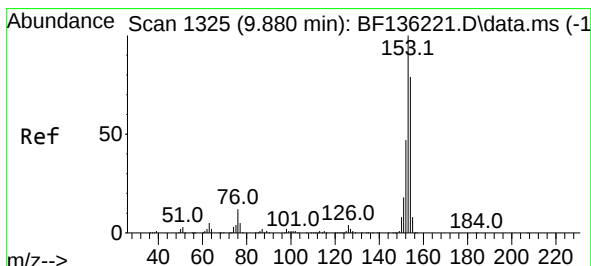
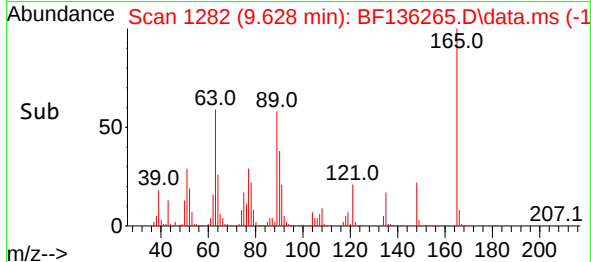
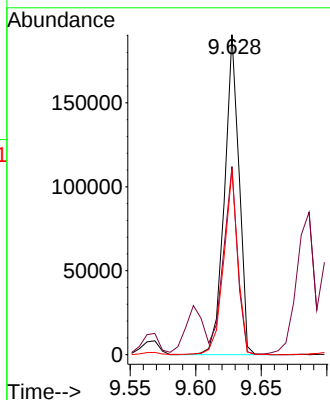
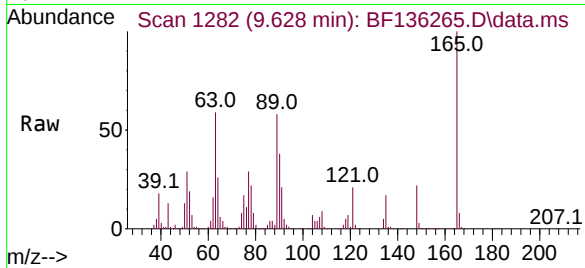




#51
2,6-Dinitrotoluene
Concen: 41.090 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

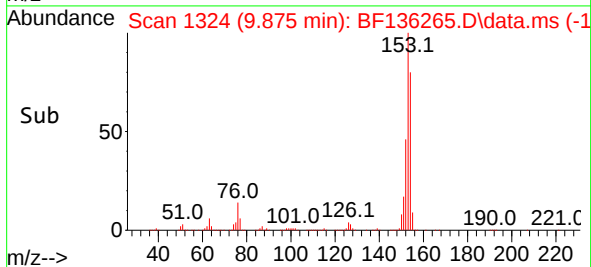
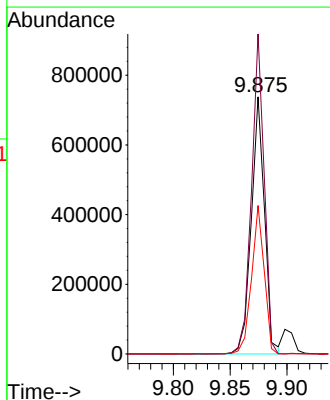
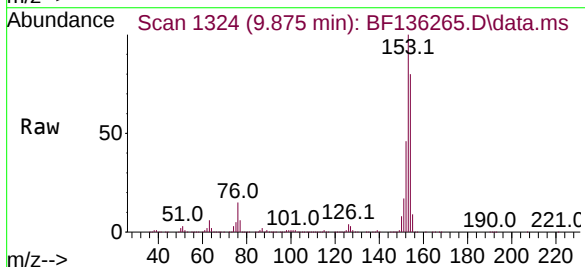
Instrument :
BNA_F
ClientSampleId :
TP-DMS

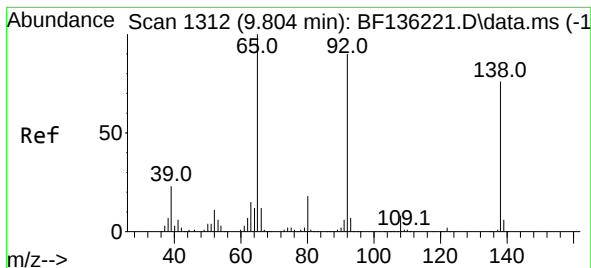
Tgt Ion:165 Resp: 146715
Ion Ratio Lower Upper
165 100
63 58.8 46.2 69.2
89 57.8 44.9 67.3



#52
Acenaphthene
Concen: 41.861 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:154 Resp: 597854
Ion Ratio Lower Upper
154 100
153 124.4 100.8 151.2
152 57.7 47.0 70.6





#53

3-Nitroaniline

Concen: 31.870 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

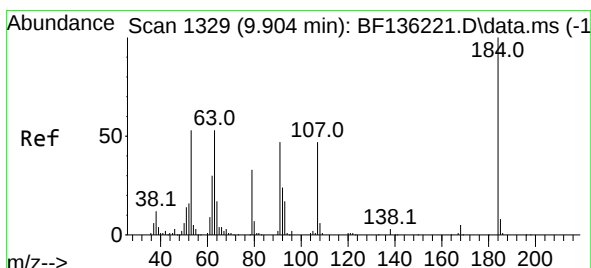
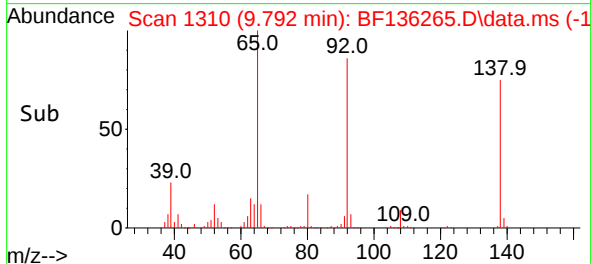
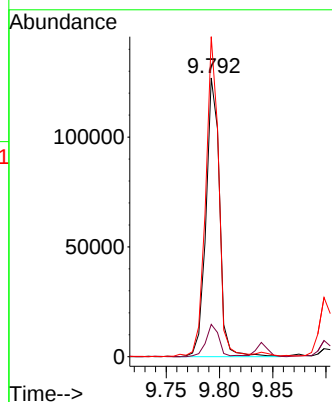
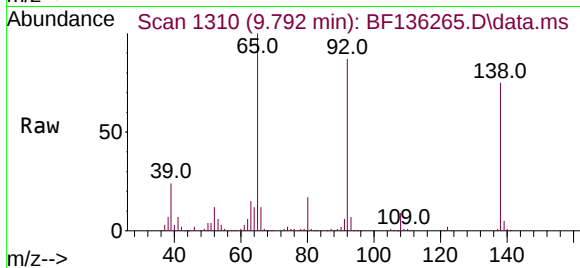
Tgt Ion:138 Resp: 112913

Ion Ratio Lower Upper

138 100

108 11.6 8.7 13.1

92 114.8 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 52.394 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

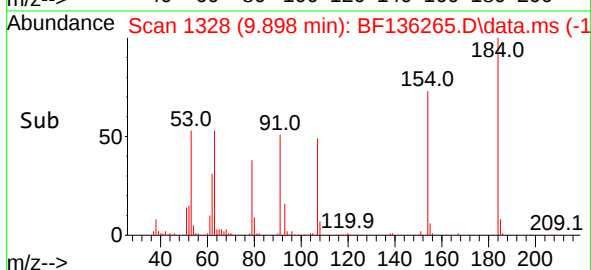
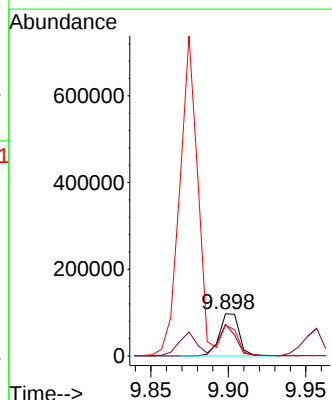
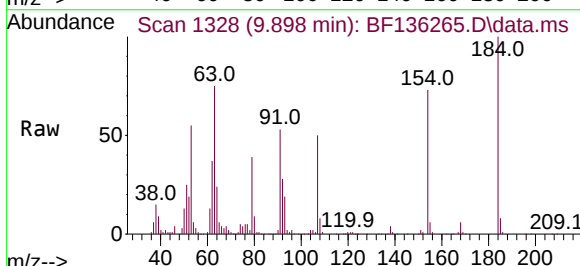
Tgt Ion:184 Resp: 87008

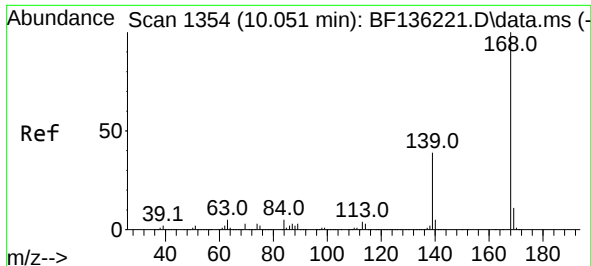
Ion Ratio Lower Upper

184 100

63 75.4 55.0 82.4

154 73.2 54.9 82.3

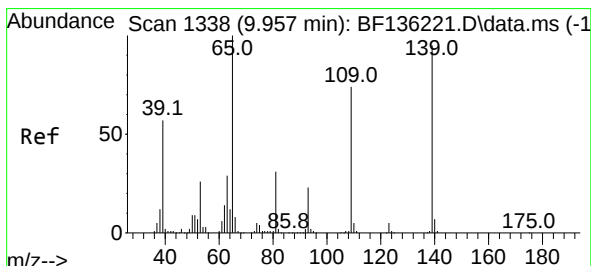
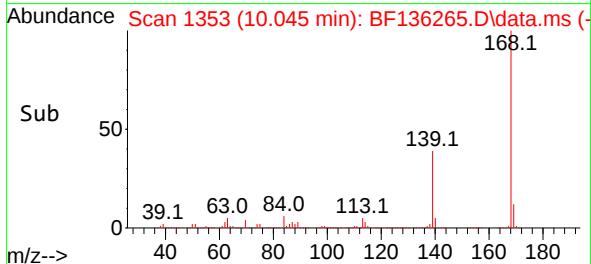
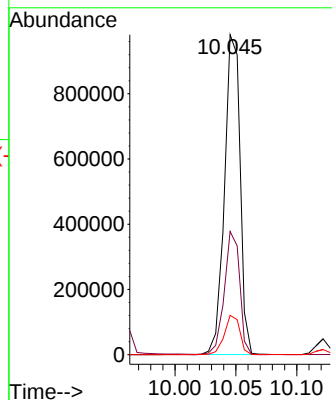
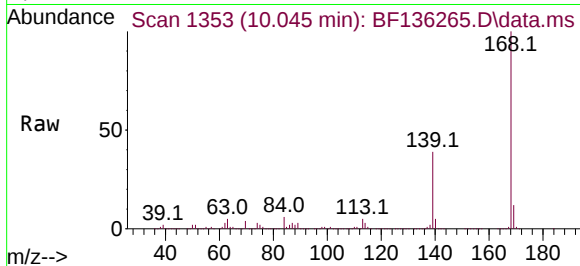




#55
Dibenzenofuran
Concen: 41.294 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

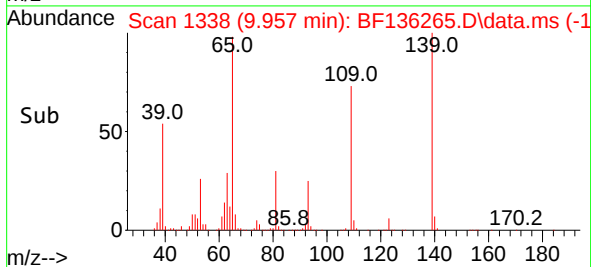
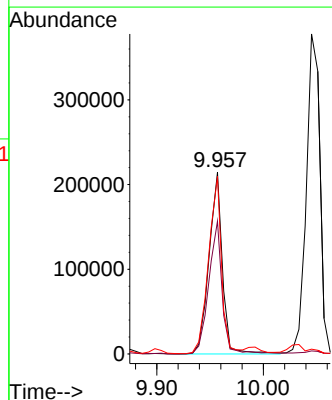
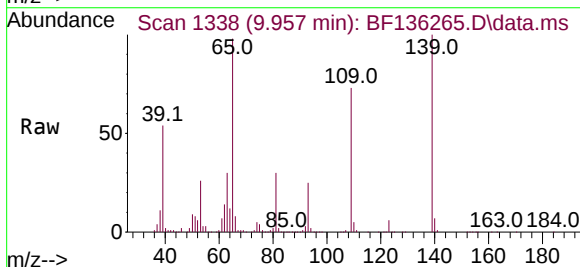
Instrument :
BNA_F
ClientSampleId :
TP-DMS

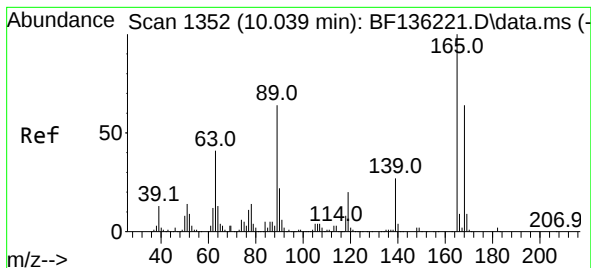
Tgt Ion:168 Resp: 877571
Ion Ratio Lower Upper
168 100
139 38.5 30.9 46.3
169 12.3 9.1 13.7



#56
4-Nitrophenol
Concen: 69.732 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:139 Resp: 187636
Ion Ratio Lower Upper
139 100
109 73.1 57.8 97.8
65 97.7 86.0 126.0

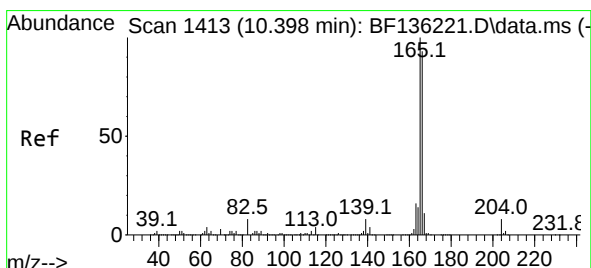
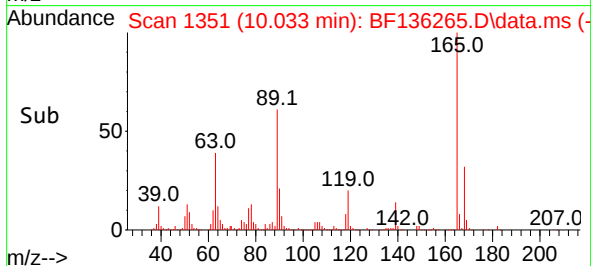
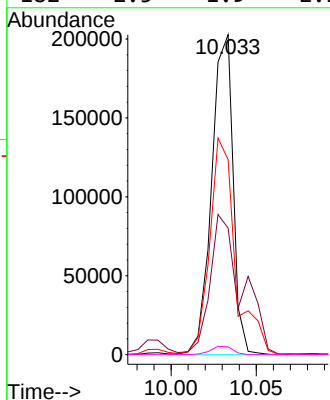
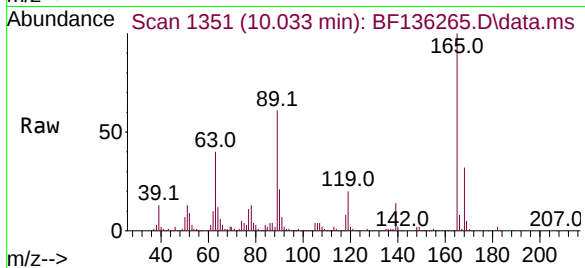




#57
2,4-Dinitrotoluene
Concen: 37.131 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

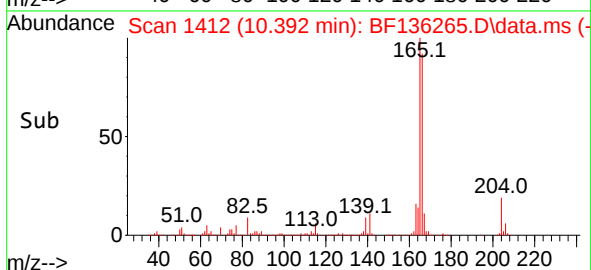
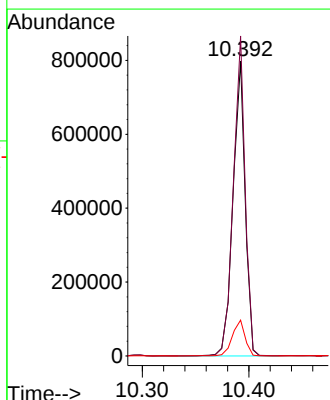
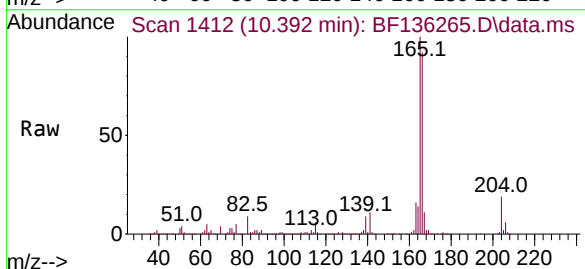
Instrument :
BNA_F
ClientSampleId :
TP-DMS

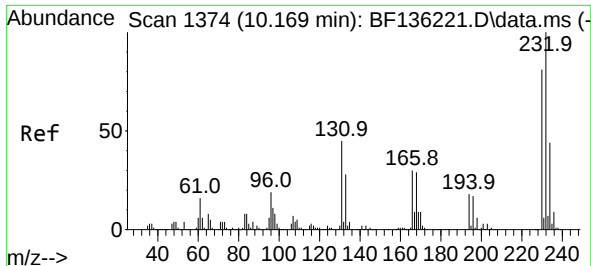
Tgt Ion:165 Resp: 177096
Ion Ratio Lower Upper
165 100
63 39.5 33.0 49.4
89 60.9 51.5 77.3
182 2.5 1.9 2.9



#58
Fluorene
Concen: 38.063 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:166 Resp: 634502
Ion Ratio Lower Upper
166 100
165 108.6 86.2 129.4
167 12.2 9.1 13.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.301 ng

RT: 10.163 min Scan# 1373

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

Tgt Ion:232 Resp: 154712

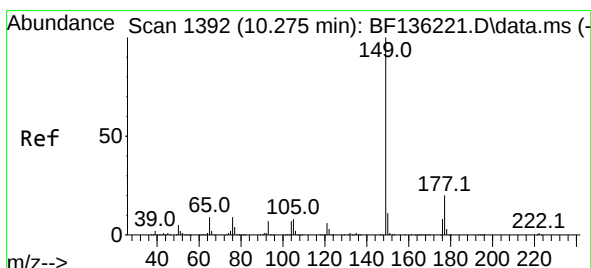
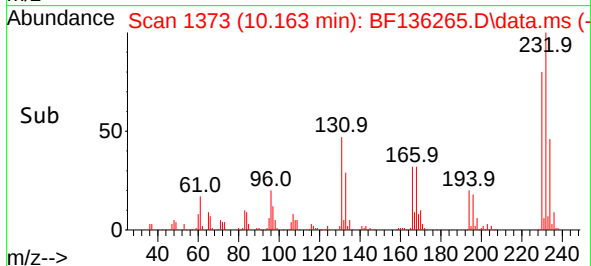
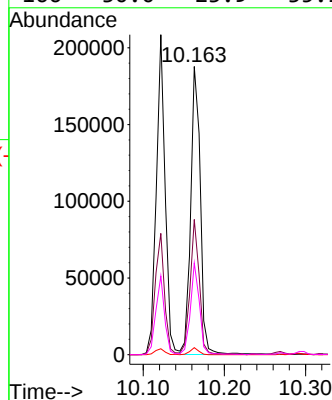
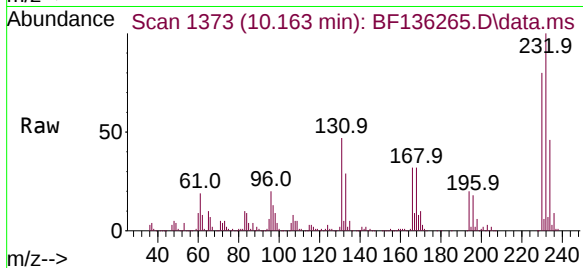
Ion Ratio Lower Upper

232 100

131 45.0 36.4 54.6

130 2.2 1.9 2.9

166 30.0 23.9 35.9



#60

Diethylphthalate

Concen: 40.836 ng

RT: 10.269 min Scan# 1391

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

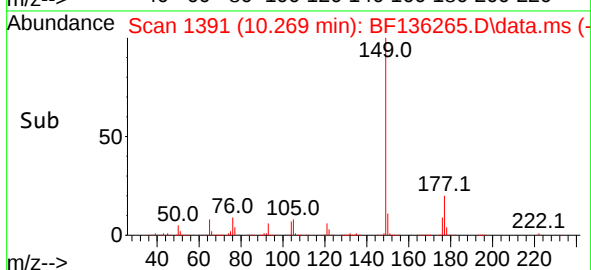
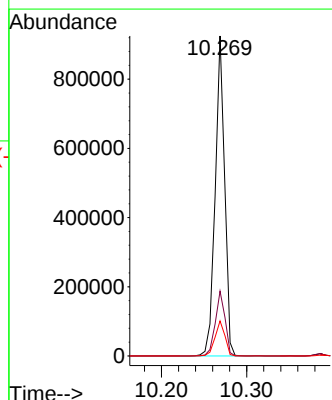
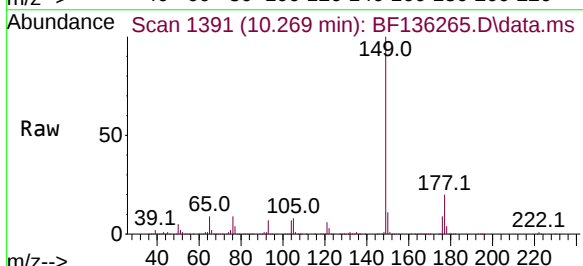
Tgt Ion:149 Resp: 713954

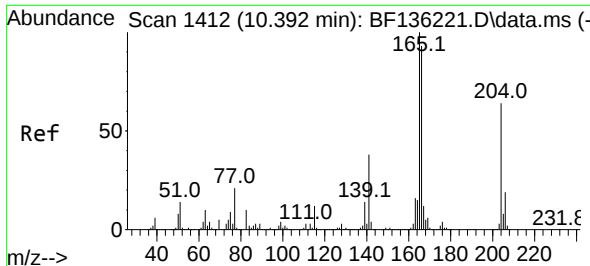
Ion Ratio Lower Upper

149 100

177 20.2 15.8 23.6

150 10.9 8.8 13.2

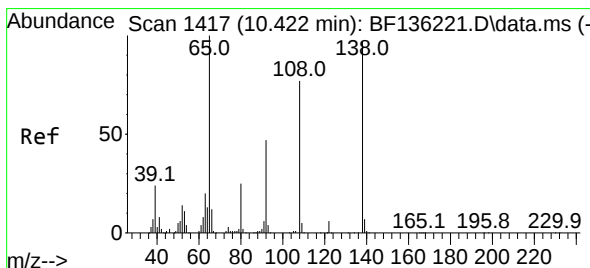
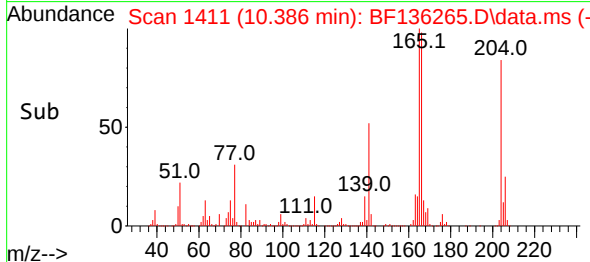
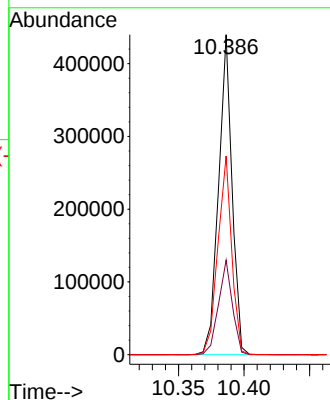
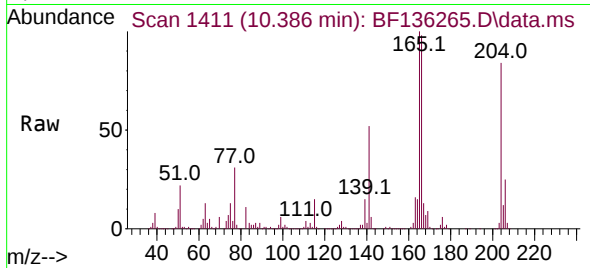




#61
4-Chlorophenyl-phenylether
Concen: 38.822 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

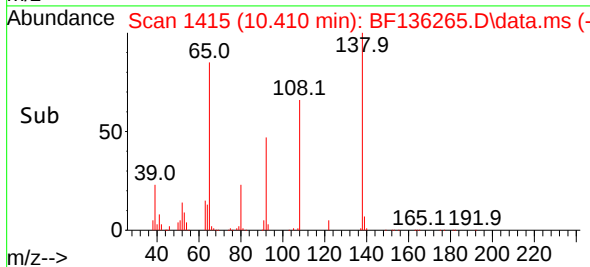
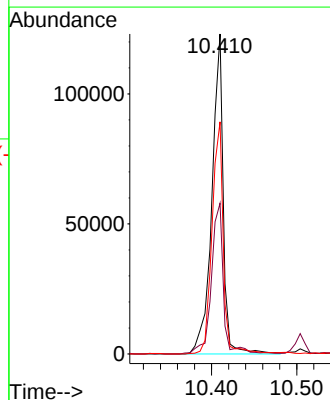
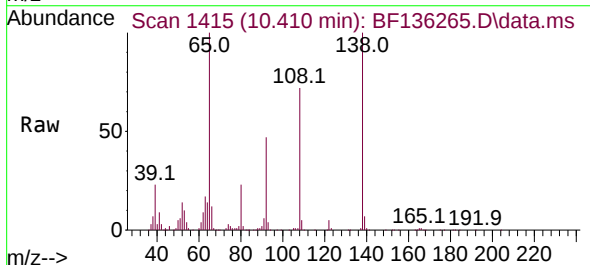
Instrument :
BNA_F
ClientSampleId :
TP-DMS

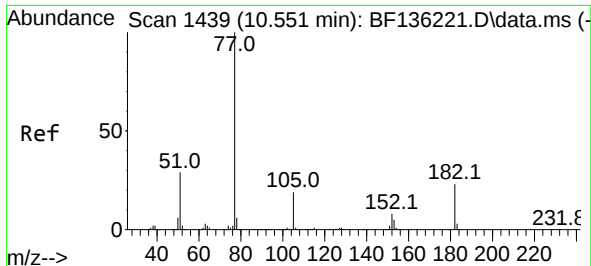
Tgt Ion:204 Resp: 314280
Ion Ratio Lower Upper
204 100
206 29.6 23.4 35.0
141 62.1 47.6 71.4



#62
4-Nitroaniline
Concen: 33.178 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:138 Resp: 115060
Ion Ratio Lower Upper
138 100
92 47.1 28.5 68.5
108 72.6 59.8 99.8



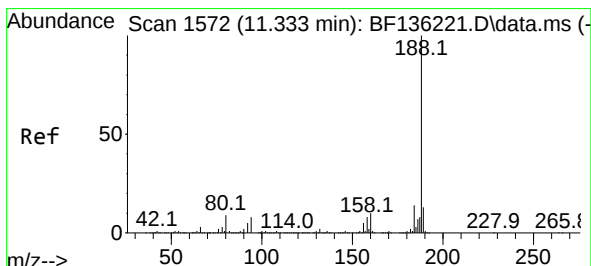
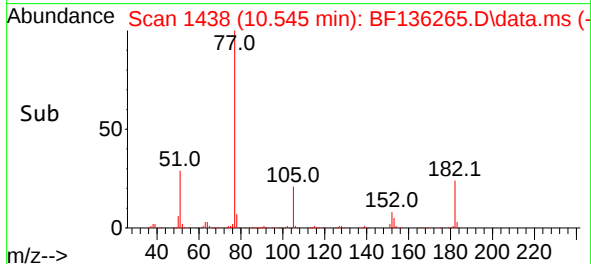
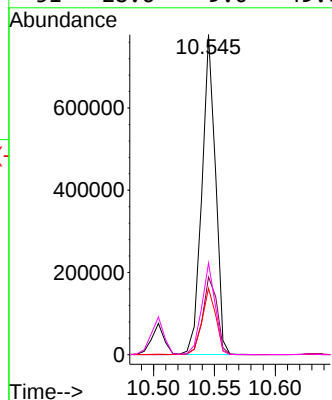
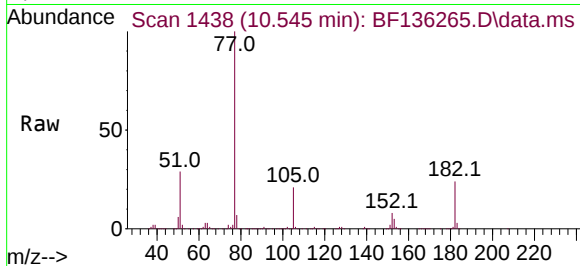


#63
Azobenzene
Concen: 37.158 ng
RT: 10.545 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Instrument :
BNA_F
ClientSampleId :
TP-DMS

Tgt Ion: 77 Resp: 602268

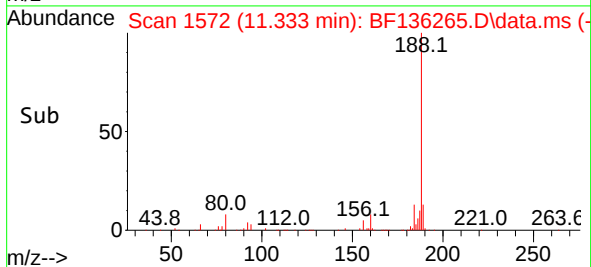
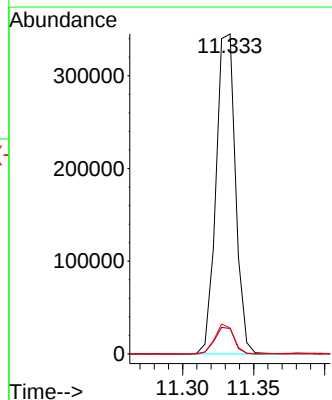
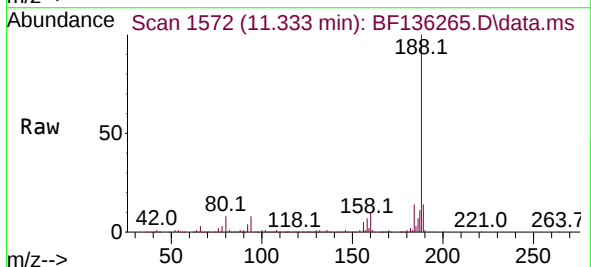
Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.3	43.3
105	20.7	0.0	39.5
51	28.6	9.0	49.0

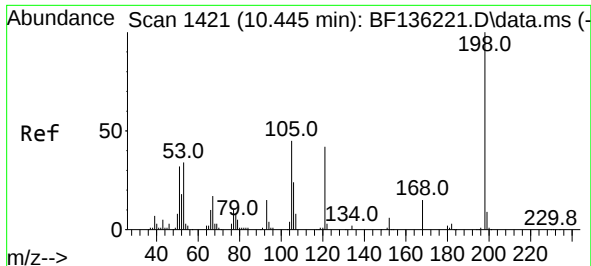


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion: 188 Resp: 327754

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.1	7.2	10.8

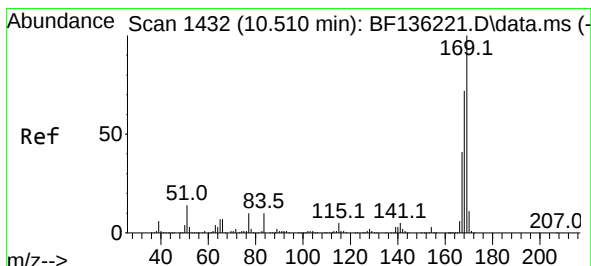
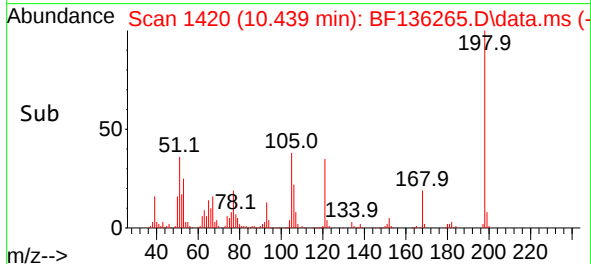
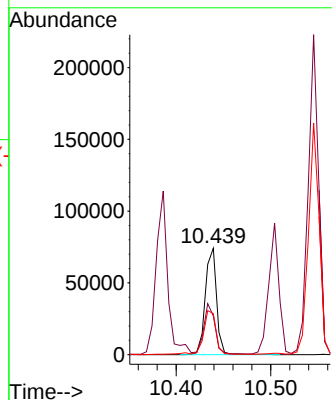
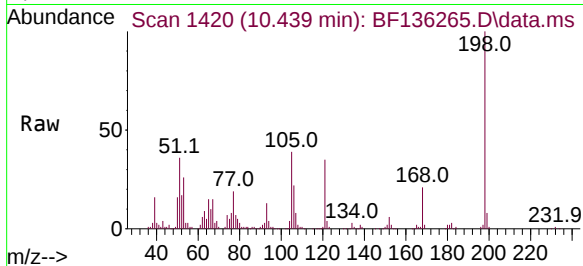




#65
4,6-Dinitro-2-methylphenol
Concen: 34.143 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

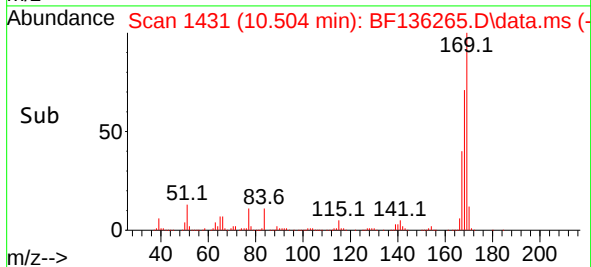
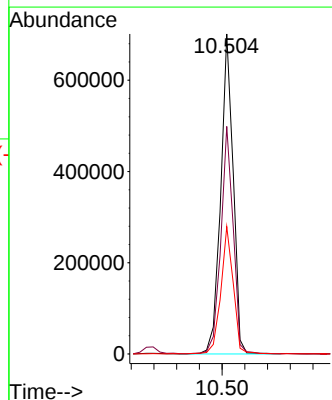
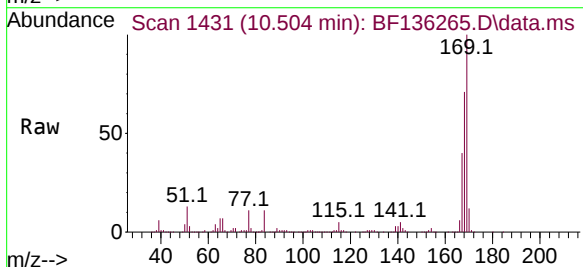
Instrument :
BNA_F
ClientSampleId :
TP-DMS

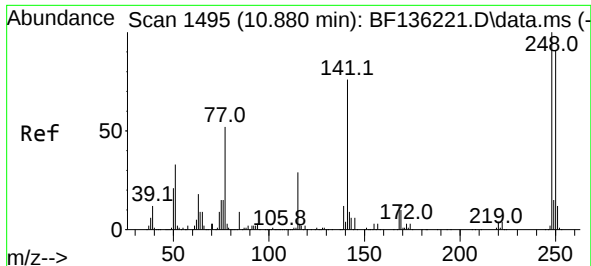
Tgt Ion:198 Resp: 61195
Ion Ratio Lower Upper
198 100
51 36.4 28.2 68.2
105 38.6 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 50.836 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:169 Resp: 533952
Ion Ratio Lower Upper
169 100
168 71.1 57.8 86.6
167 39.8 32.7 49.1

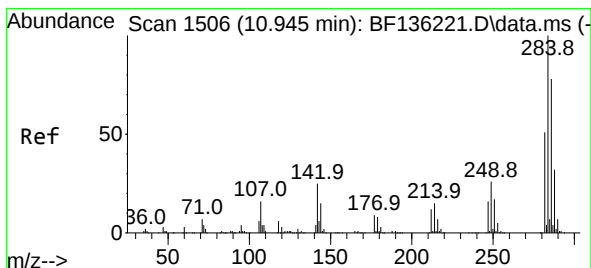
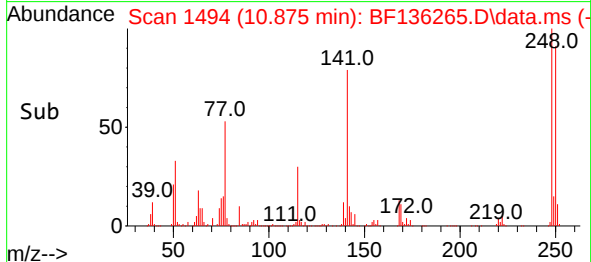
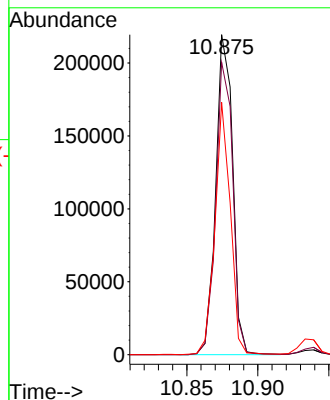
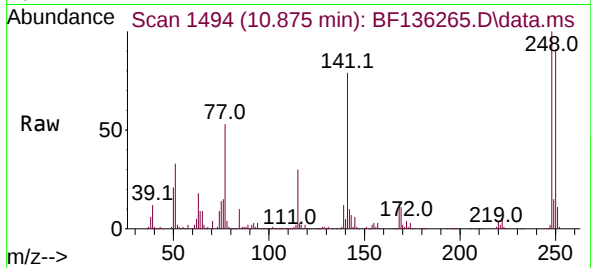




#67
4-Bromophenyl-phenylether
Concen: 47.302 ng
RT: 10.875 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

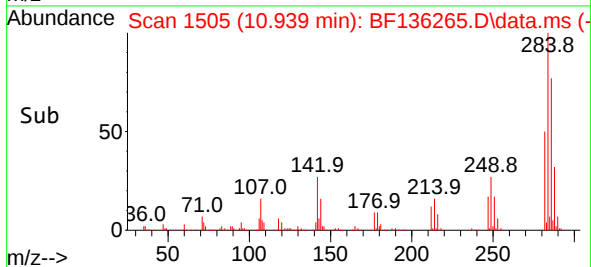
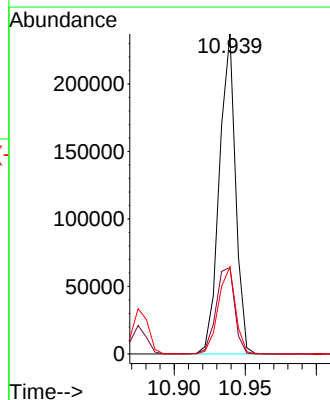
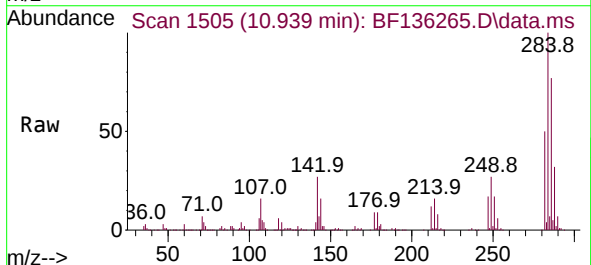
Instrument :
BNA_F
ClientSampleId :
TP-DMS

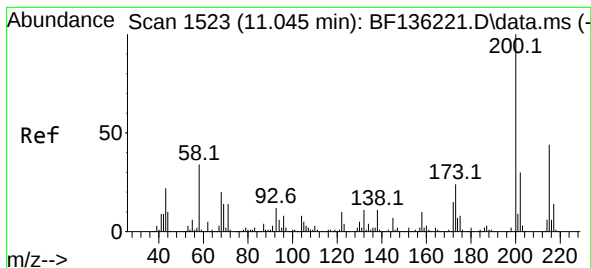
Tgt Ion:248 Resp: 180872
Ion Ratio Lower Upper
248 100
250 91.4 72.5 108.7
141 78.9 60.8 91.2



#68
Hexachlorobenzene
Concen: 42.521 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:284 Resp: 188178
Ion Ratio Lower Upper
284 100
142 27.0 19.8 29.8
249 27.2 21.0 31.4





#69

Atrazine

Concen: 52.063 ng

RT: 11.033 min Scan# 1521

Delta R.T. -0.012 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

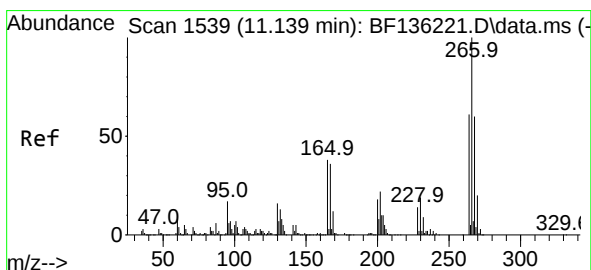
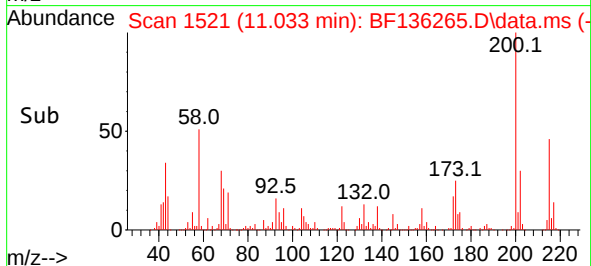
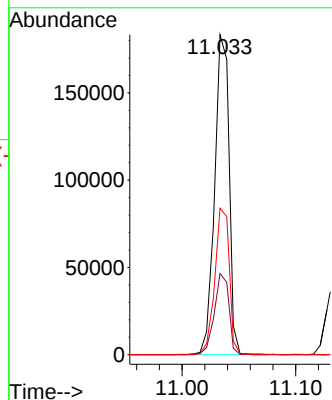
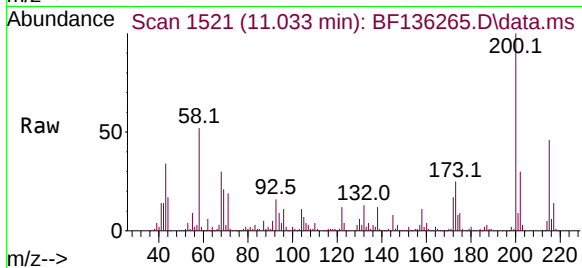
Tgt Ion:200 Resp: 162216

Ion Ratio Lower Upper

200 100

173 25.3 4.3 44.3

215 45.7 23.8 63.8



#70

Pentachlorophenol

Concen: 82.534 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

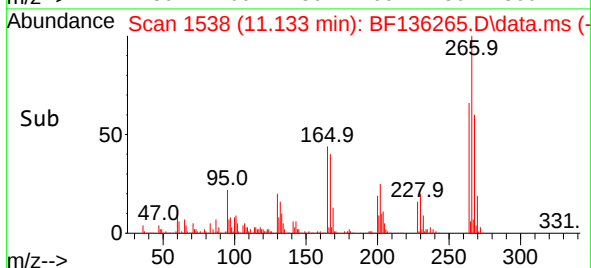
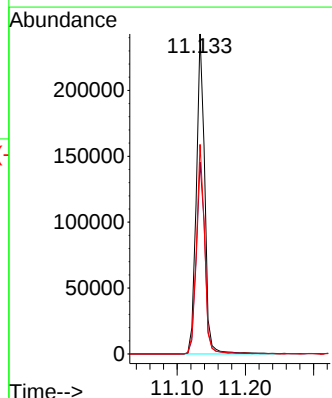
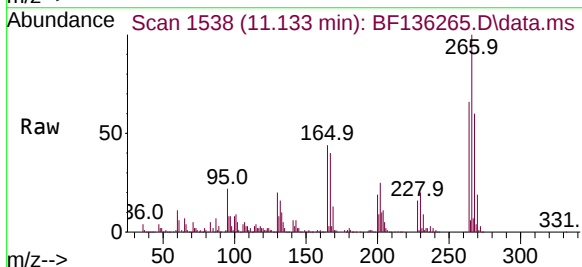
Tgt Ion:266 Resp: 206463

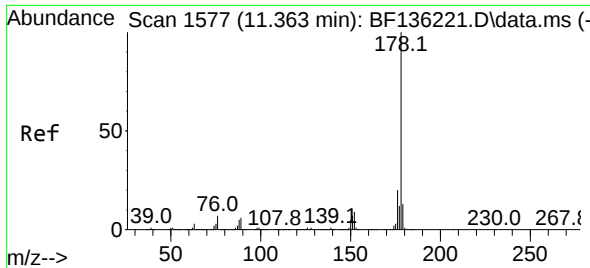
Ion Ratio Lower Upper

266 100

268 60.0 47.9 71.9

264 65.5 49.1 73.7

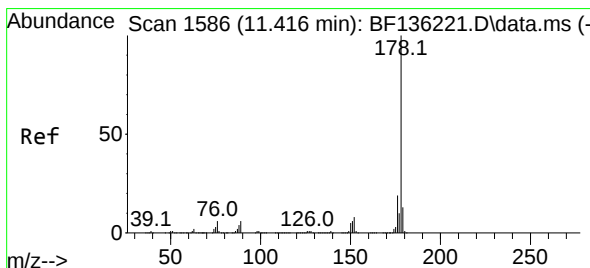
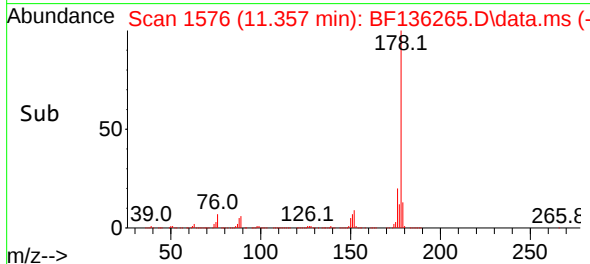
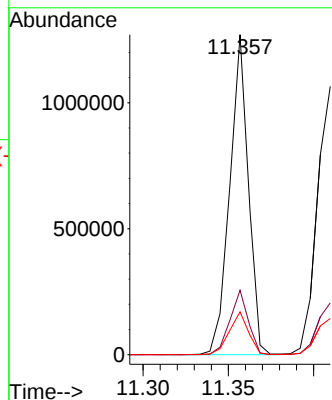
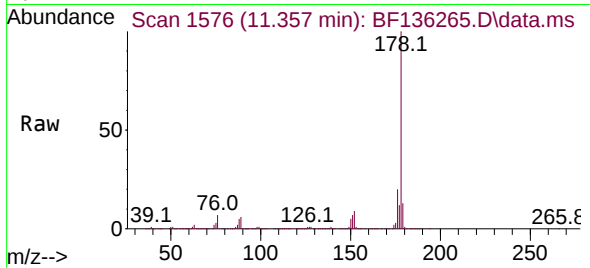




#71
Phenanthrene
Concen: 52.353 ng
RT: 11.357 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

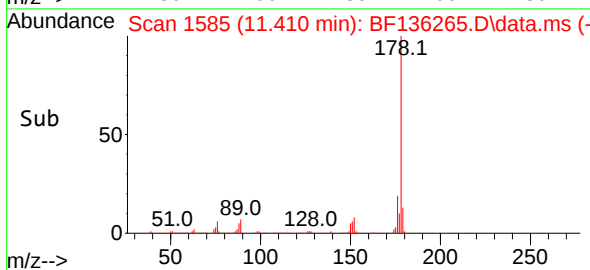
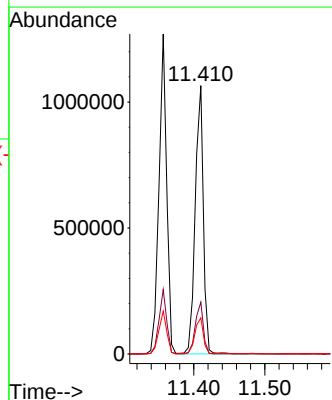
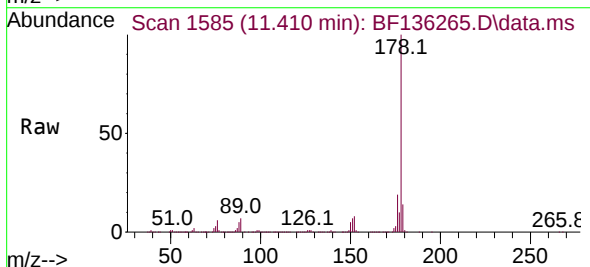
Instrument :
BNA_F
ClientSampleId :
TP-DMS

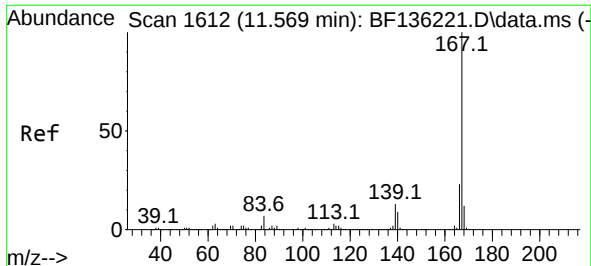
Tgt Ion:178 Resp: 964411
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 13.4 10.3 15.5



#72
Anthracene
Concen: 46.042 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:178 Resp: 850555
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 13.5 10.5 15.7

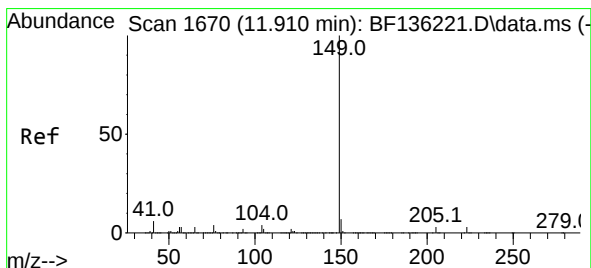
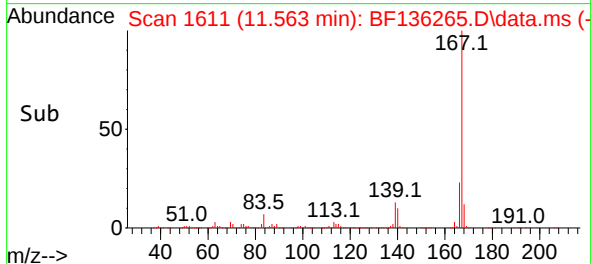
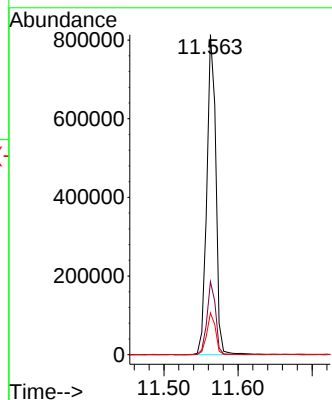
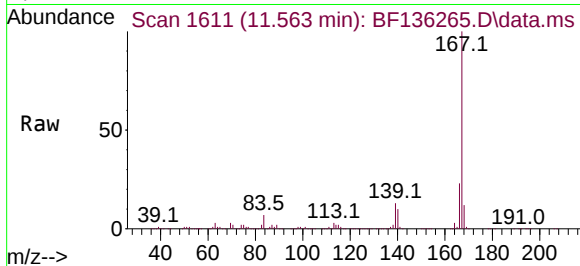




#73
 Carbazole
 Concen: 44.293 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF136265.D
 Acq: 28 Nov 2023 23:45

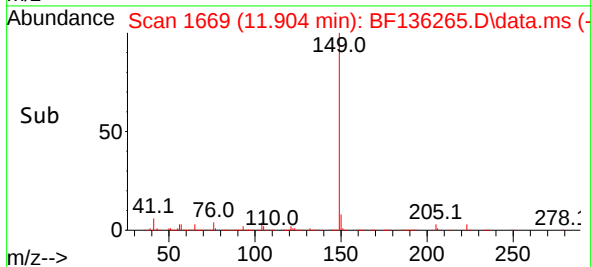
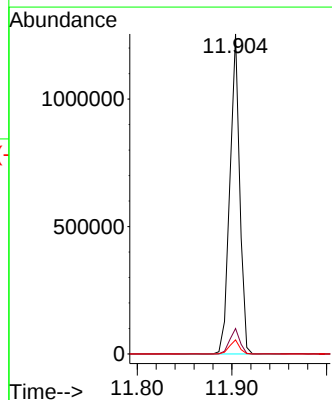
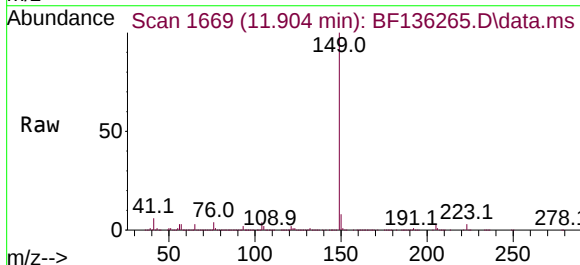
Instrument :
 BNA_F
 ClientSampleId :
 TP-DMS

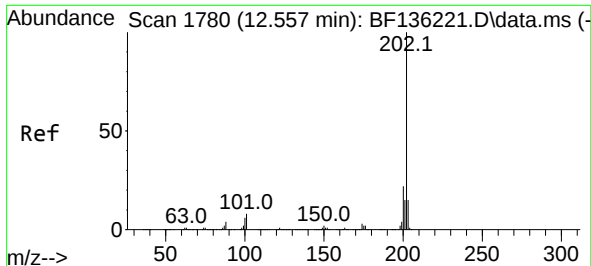
Tgt Ion:167 Resp: 695907
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.4 27.6
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.319 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136265.D
 Acq: 28 Nov 2023 23:45

Tgt Ion:149 Resp: 910571
 Ion Ratio Lower Upper
 149 100
 150 7.9 6.0 9.0
 104 4.4 3.5 5.3

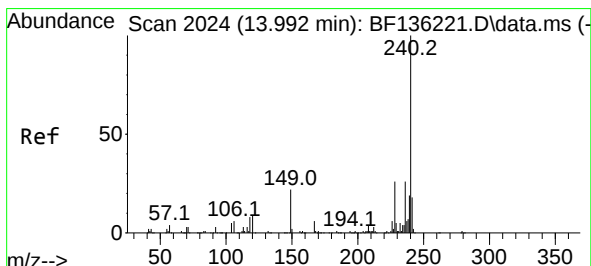
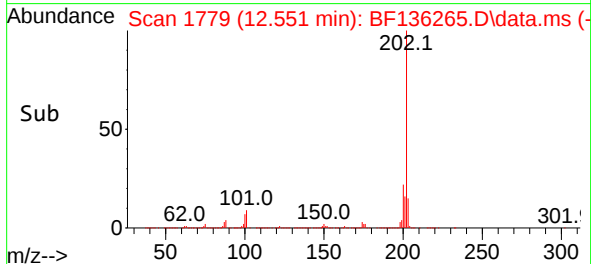
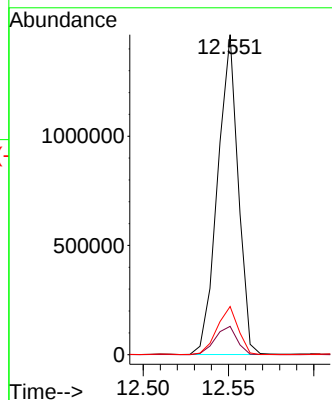
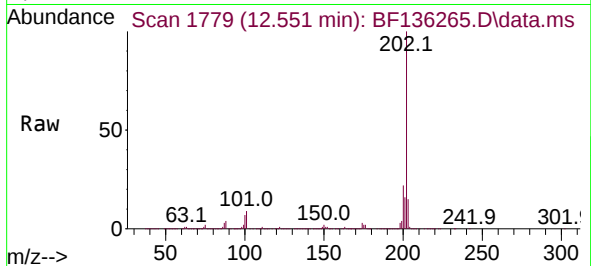




#75
Fluoranthene
Concen: 65.620 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

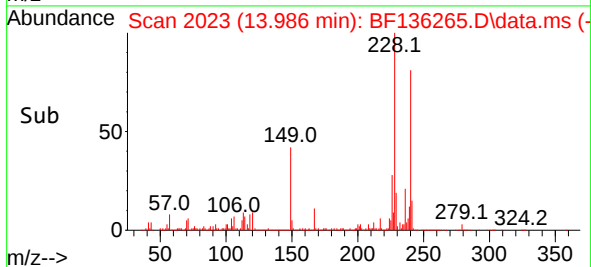
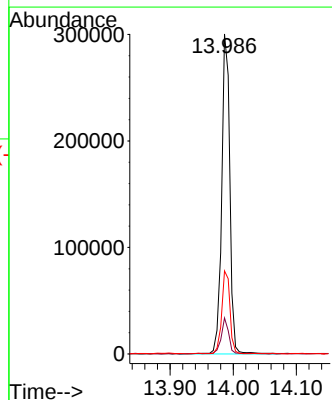
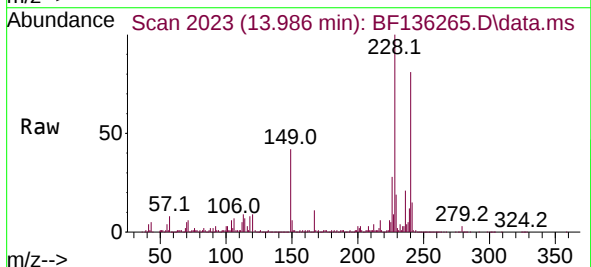
Instrument :
BNA_F
ClientSampleId :
TP-DMS

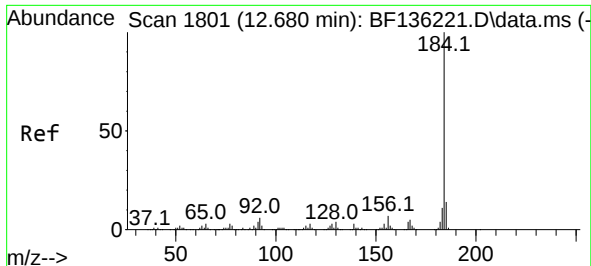
Tgt Ion:202 Resp: 1227138
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.8
203 15.1 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:240 Resp: 268493
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.2#
236 26.0 21.1 31.7

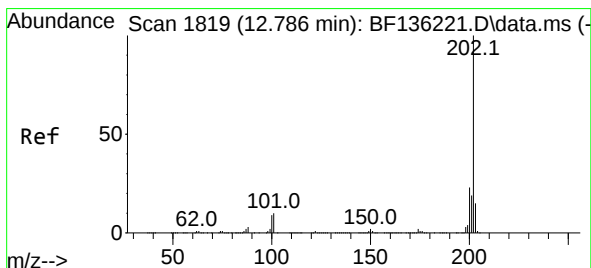
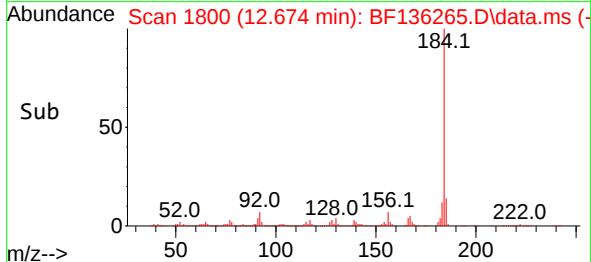
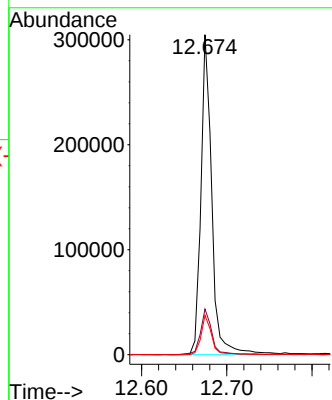
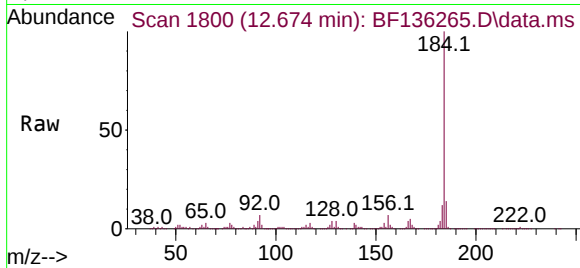




#77
Benzidine
Concen: 61.276 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

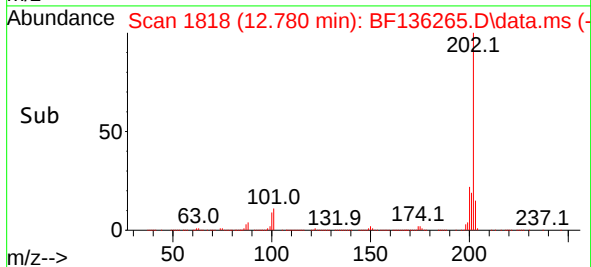
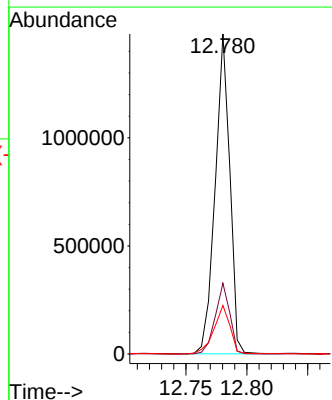
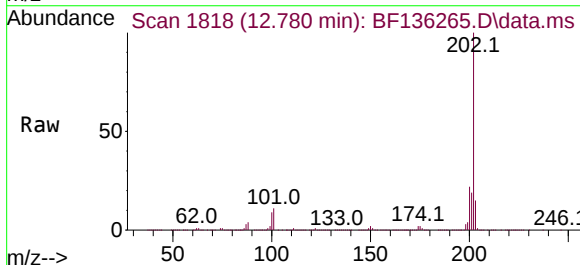
Instrument :
BNA_F
ClientSampleId :
TP-DMS

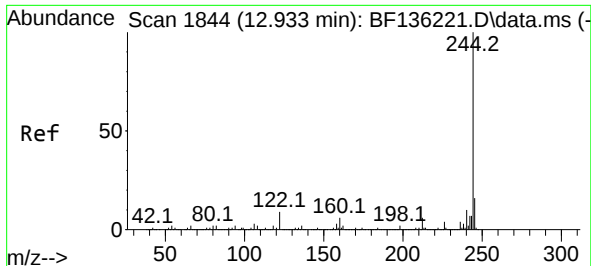
Tgt Ion:184 Resp: 270443
Ion Ratio Lower Upper
184 100
185 14.3 11.0 16.6
183 12.3 9.0 13.4



#78
Pyrene
Concen: 42.150 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:202 Resp: 1239397
Ion Ratio Lower Upper
202 100
200 22.1 18.4 27.6
203 15.2 11.8 17.6

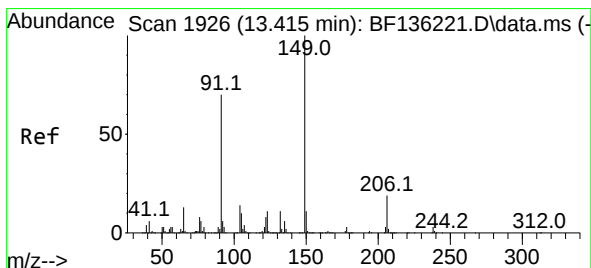
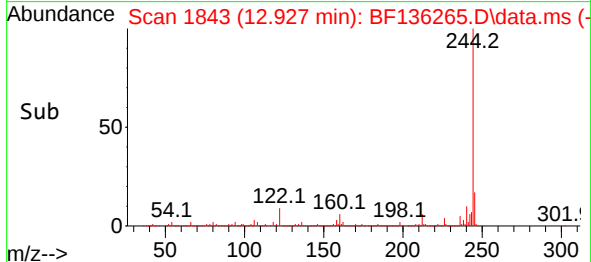
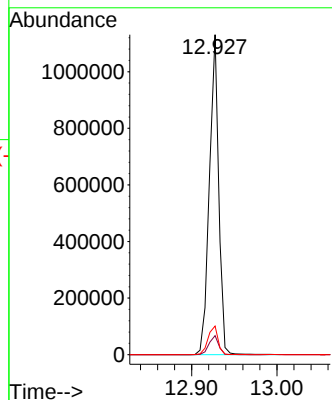
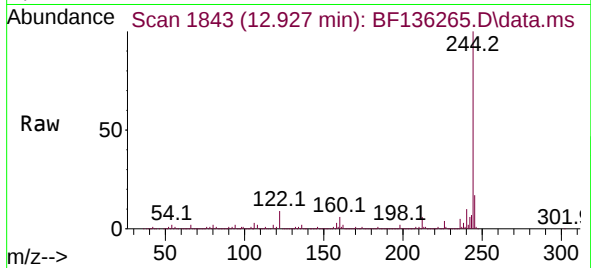




#79
 Terphenyl-d14
 Concen: 36.918 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136265.D
 Acq: 28 Nov 2023 23:45

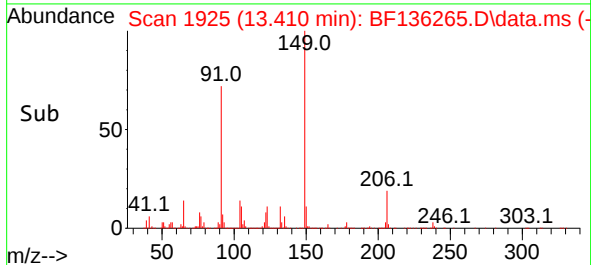
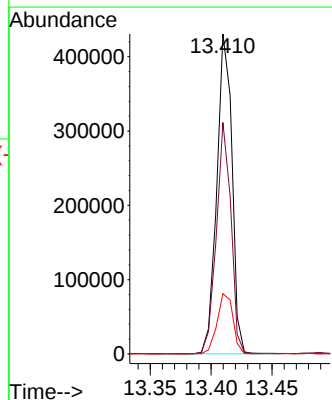
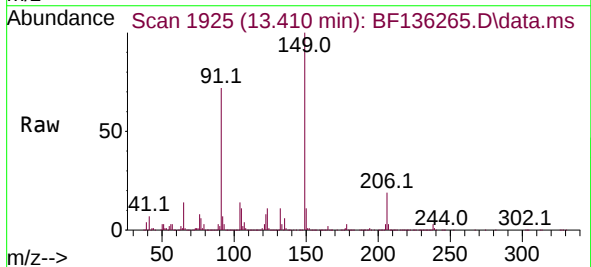
Instrument :
 BNA_F
 ClientSampleId :
 TP-DMS

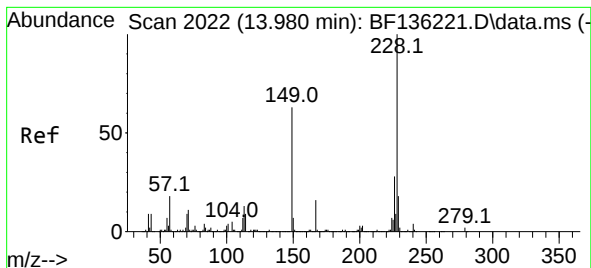
Tgt Ion:244 Resp: 859335
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.0 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 40.787 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136265.D
 Acq: 28 Nov 2023 23:45

Tgt Ion:149 Resp: 373256
 Ion Ratio Lower Upper
 149 100
 91 72.4 56.4 84.6
 206 18.8 14.8 22.2





#81

Benzo(a)anthracene

Concen: 53.065 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

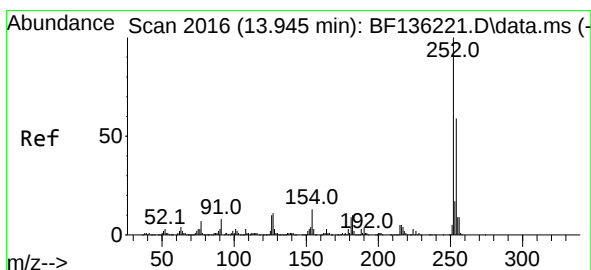
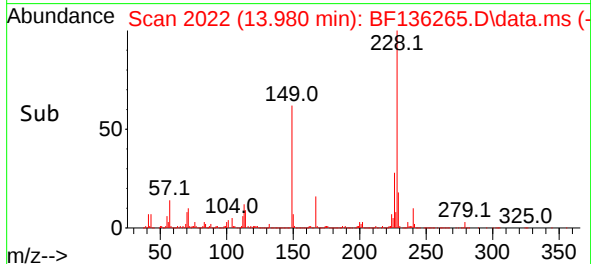
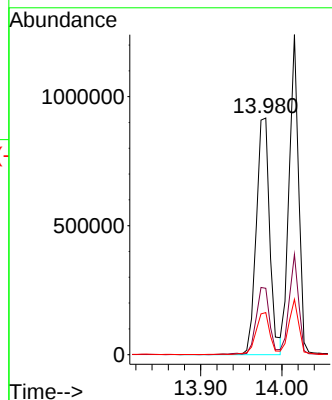
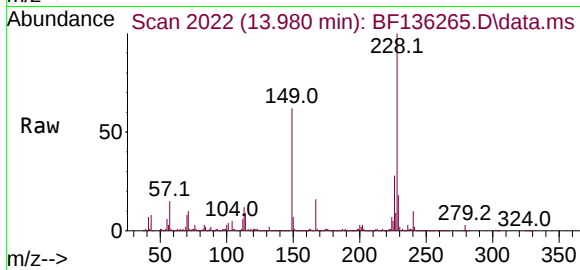
Tgt Ion:228 Resp: 1058258

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 17.8 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 52.912 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

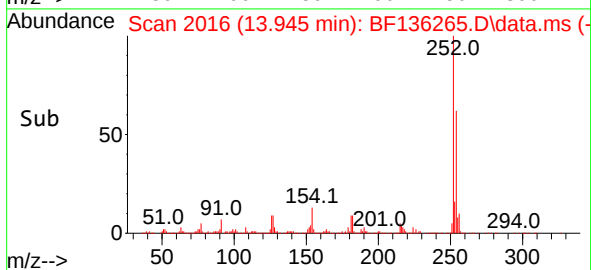
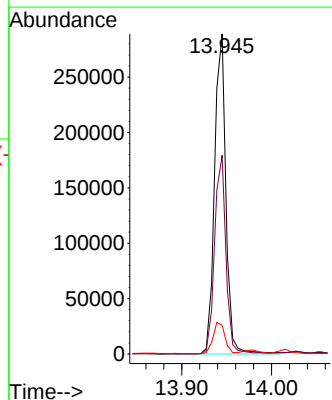
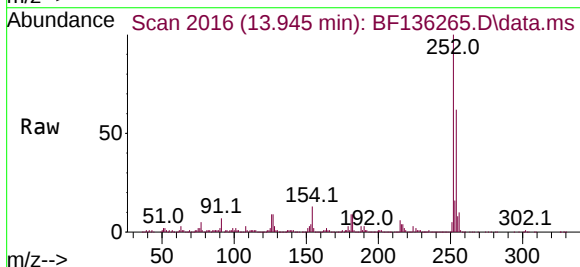
Tgt Ion:252 Resp: 254006

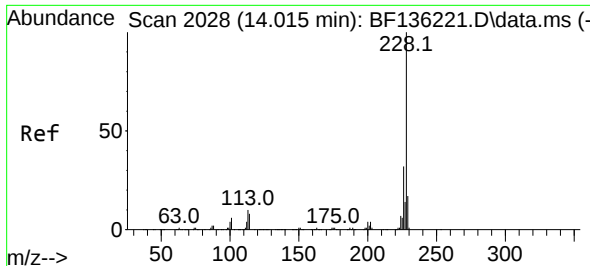
Ion Ratio Lower Upper

252 100

254 62.1 47.4 71.2

126 9.0 8.3 12.5





#83

Chrysene

Concen: 51.770 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

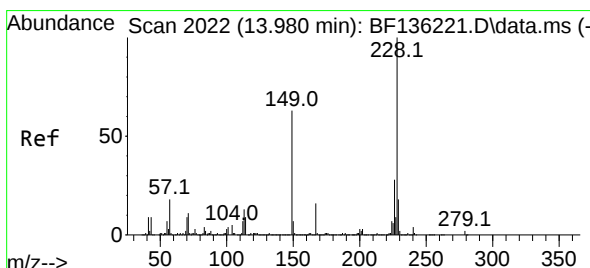
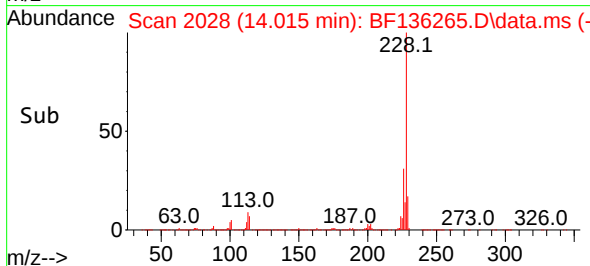
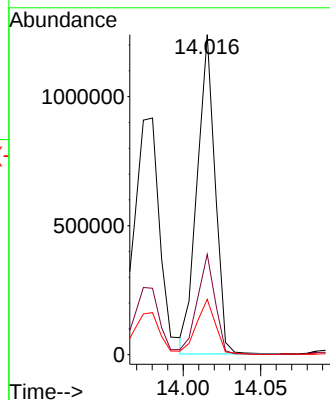
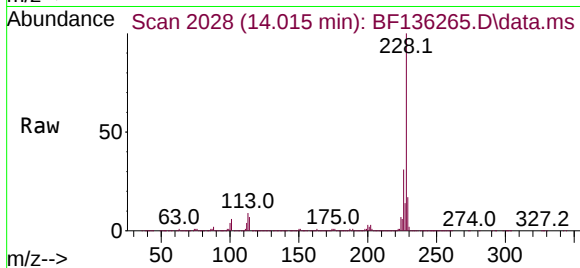
Tgt Ion:228 Resp: 996853

Ion Ratio Lower Upper

228 100

226 31.3 25.5 38.3

229 17.3 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.914 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

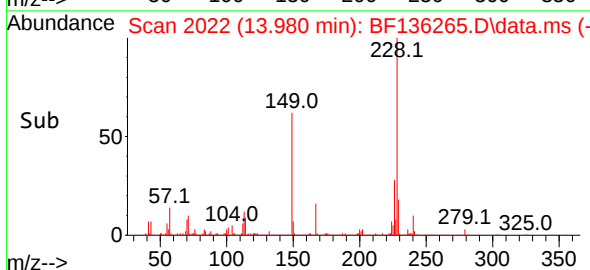
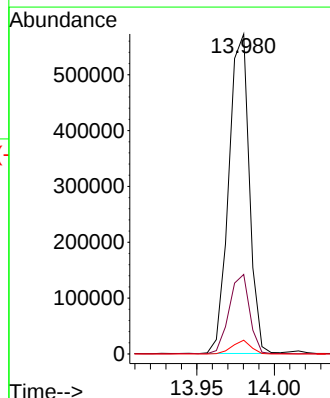
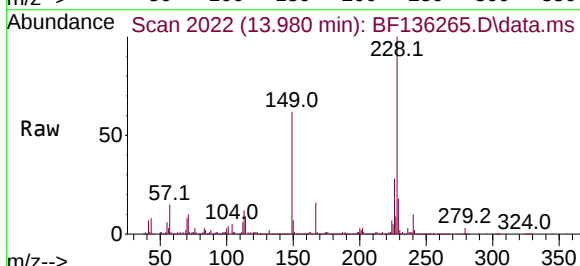
Tgt Ion:149 Resp: 526235

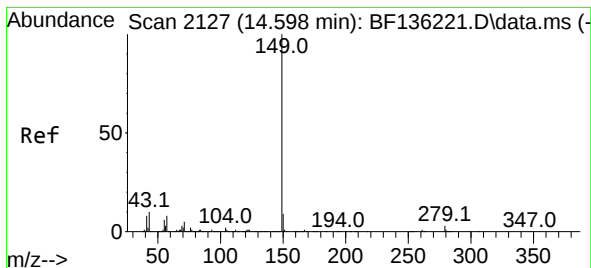
Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.2

279 4.3 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 56.455 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

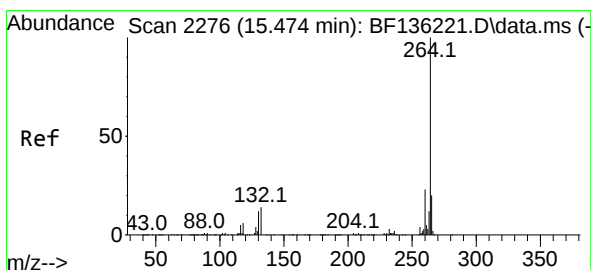
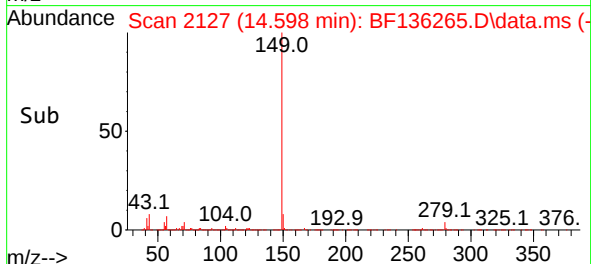
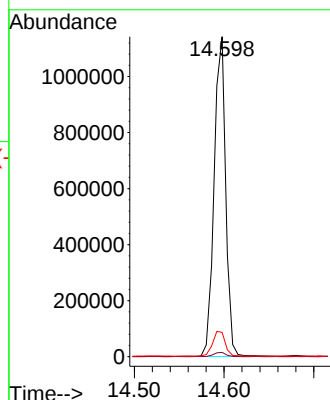
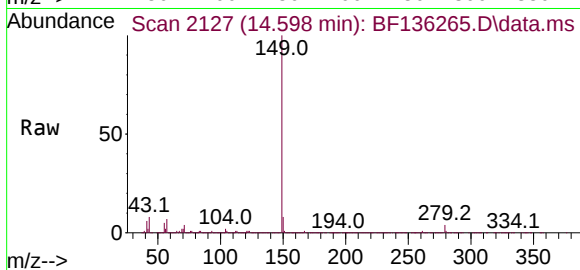
Tgt Ion:149 Resp: 1025186

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 8.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

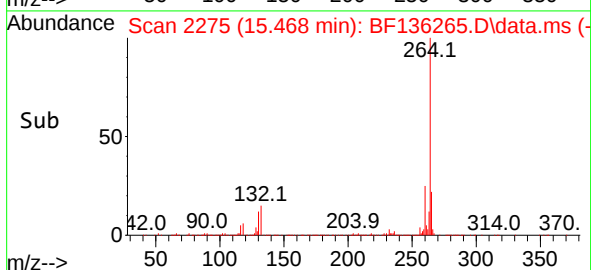
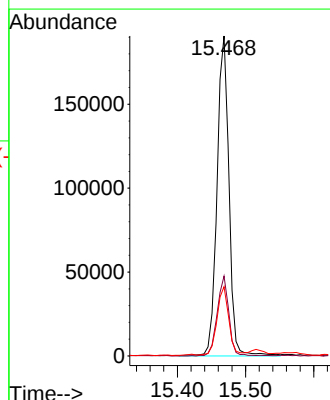
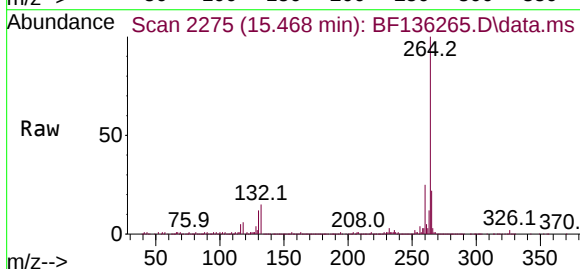
Tgt Ion:264 Resp: 232950

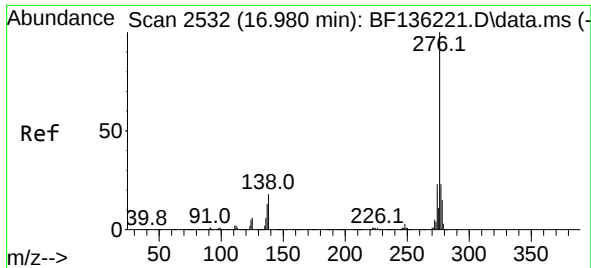
Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 21.7 15.7 23.5

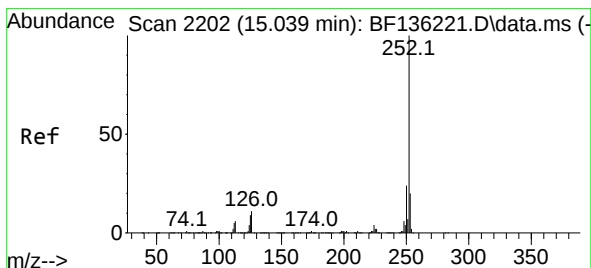
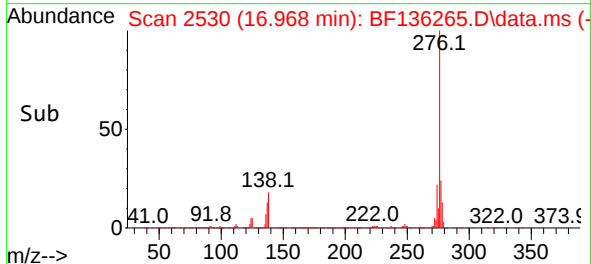
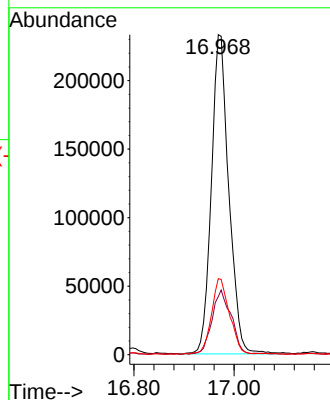
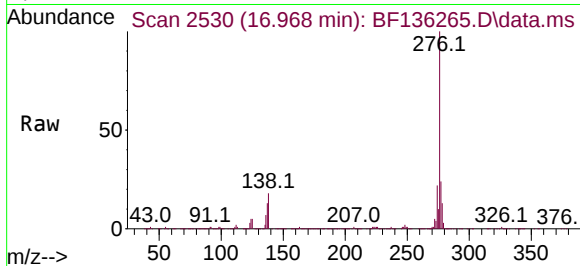




#87
Indeno(1,2,3-cd)pyrene
Concen: 33.249 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

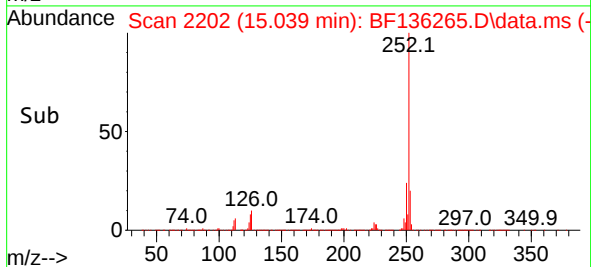
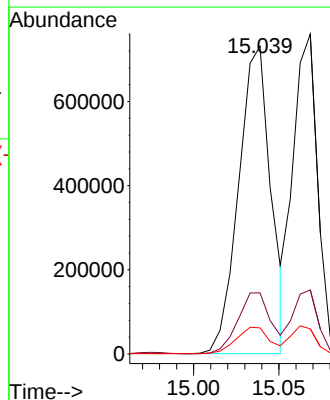
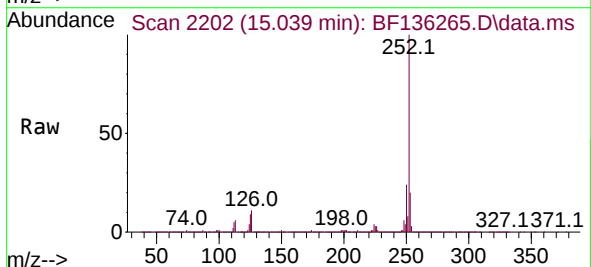
Instrument :
BNA_F
ClientSampleId :
TP-DMS

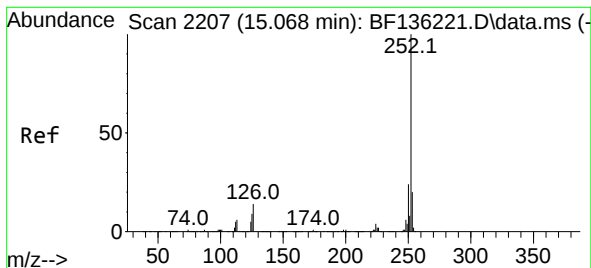
Tgt Ion:276 Resp: 563773
Ion Ratio Lower Upper
276 100
138 21.7 17.7 26.5
277 24.5 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 58.615 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:252 Resp: 957964
Ion Ratio Lower Upper
252 100
253 19.9 16.2 24.2
125 8.5 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 49.328 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

Instrument :

BNA_F

ClientSampleId :

TP-DMS

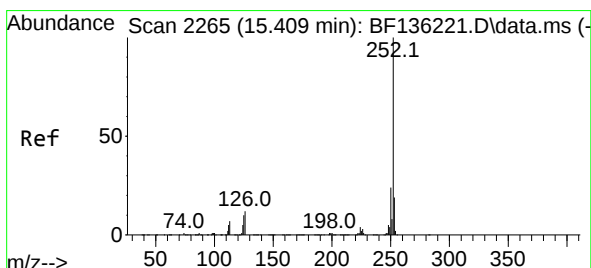
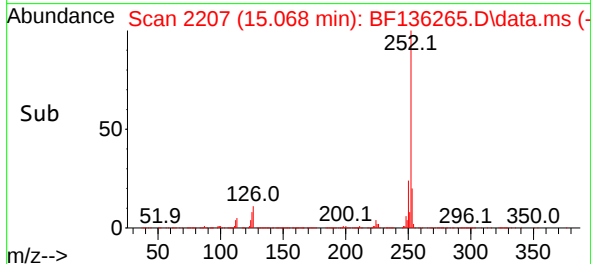
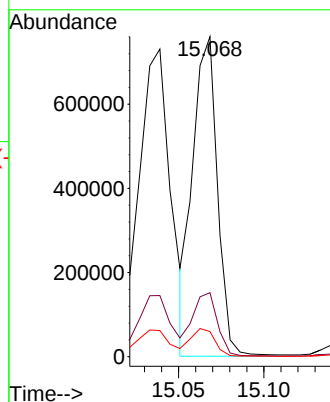
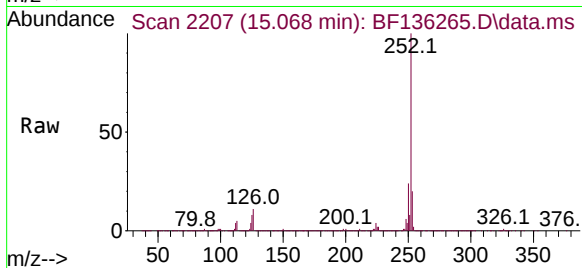
Tgt Ion:252 Resp: 765684

Ion Ratio Lower Upper

252 100

253 20.0 15.6 23.4

125 7.8 7.0 10.4



#90

Benzo(a)pyrene

Concen: 51.342 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136265.D

Acq: 28 Nov 2023 23:45

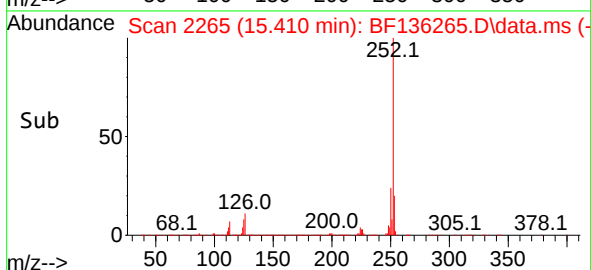
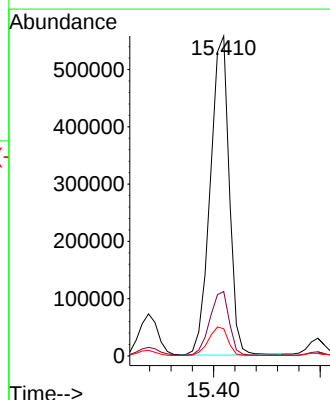
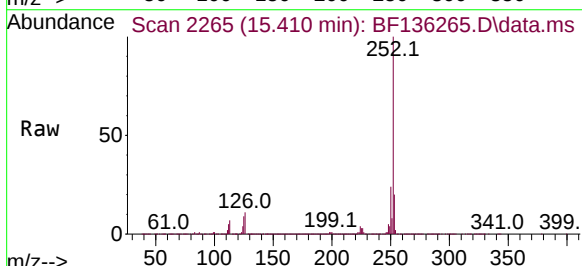
Tgt Ion:252 Resp: 685951

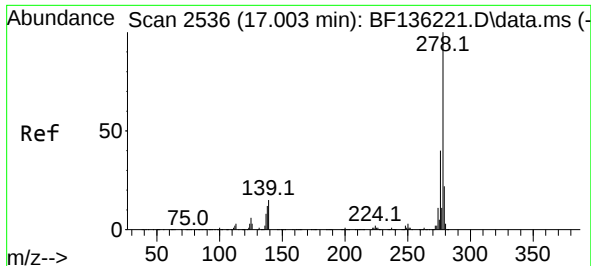
Ion Ratio Lower Upper

252 100

253 20.2 15.5 23.3

125 8.5 7.9 11.9

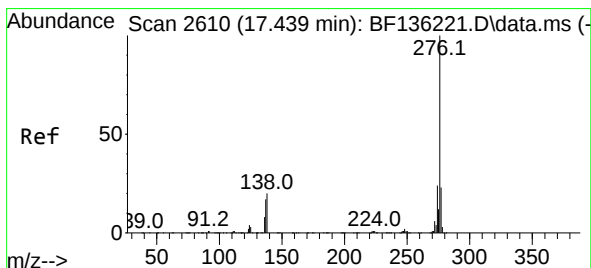
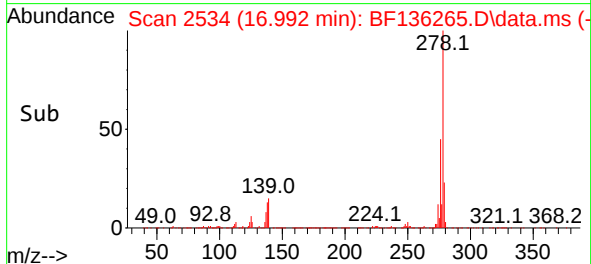
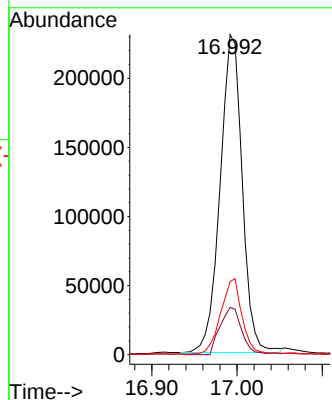
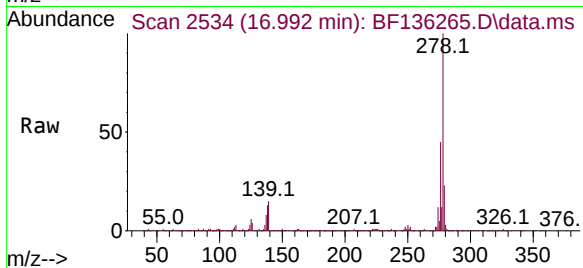




#91
Dibenzo(a,h)anthracene
Concen: 30.784 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Instrument :
BNA_F
ClientSampleId :
TP-DMS

Tgt Ion:278 Resp: 415807
Ion Ratio Lower Upper
278 100
139 14.8 11.7 17.5
279 22.9 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 31.365 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF136265.D
Acq: 28 Nov 2023 23:45

Tgt Ion:276 Resp: 430236
Ion Ratio Lower Upper
276 100
277 22.0 18.6 27.8
138 20.8 15.8 23.8

