

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135473.D
 Acq On : 27 Sep 2023 15:30
 Operator : CG\JU
 Sample : 04531-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-BCDMS

Quant Time: Sep 28 01:47:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	185713	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	689236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	318668	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	523998	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	273196	20.000	ng	0.00
86) Perylene-d12	15.416	264	377078	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1363365	119.401	ng	0.03
7) Phenol-d6	6.416	99	1597401	110.021	ng	0.01
23) Nitrobenzene-d5	7.328	82	1186896	93.558	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	345848	109.211	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1849708	87.574	ng	0.00
79) Terphenyl-d14	12.886	244	1402675	79.592	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	243020	48.550	ng	# 79
3) Pyridine	3.416	79	549031	40.754	ng	95
4) n-Nitrosodimethylamine	3.352	42	371827	52.011	ng	93
6) Aniline	6.428	93	367765	19.316	ng	# 1
8) 2-Chlorophenol	6.551	128	601289	49.330	ng	97
9) Benzaldehyde	6.316	77	50816	6.144	ng	96
10) Phenol	6.428	94	619453	38.909	ng	97
11) bis(2-Chloroethyl)ether	6.504	93	626707	52.478	ng	99
12) 1,3-Dichlorobenzene	6.698	146	596018	48.114	ng	99
13) 1,4-Dichlorobenzene	6.775	146	606510	48.123	ng	98
14) 1,2-Dichlorobenzene	6.922	146	565665	48.330	ng	99
15) Benzyl Alcohol	6.910	79	489094	46.944	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1093152	48.563	ng	69
17) 2-Methylphenol	7.028	107	468486	43.554	ng	# 90
18) Hexachloroethane	7.263	117	232924	50.018	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	381044	42.371	ng	96
20) 3+4-Methylphenols	7.181	107	527391	40.775	ng	# 81
22) Acetophenone	7.169	105	761790	48.344	ng	# 92
24) Nitrobenzene	7.345	77	621038	49.528	ng	99
25) Isophorone	7.587	82	1170071	50.228	ng	99
26) 2-Nitrophenol	7.657	139	314657	52.285	ng	98
27) 2,4-Dimethylphenol	7.704	122	470906	46.552	ng	94
28) bis(2-Chloroethoxy)met...	7.793	93	732292	52.521	ng	100
29) 2,4-Dichlorophenol	7.904	162	460554	49.135	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	489568	49.970	ng	99
31) Naphthalene	8.057	128	1621596	48.423	ng	99
32) Benzoic acid	7.851	122	349950	45.942	ng	100
33) 4-Chloroaniline	8.110	127	177724	12.096	ng	98
34) Hexachlorobutadiene	8.169	225	277984	47.056	ng	99
35) Caprolactam	8.498	113	77367	24.593	ng	92
36) 4-Chloro-3-methylphenol	8.616	107	490668	47.099	ng	96
37) 2-Methylnaphthalene	8.751	142	1001706	44.500	ng	99
38) 1-Methylnaphthalene	8.851	142	951396	45.143	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	466343	50.513	ng	99
41) Hexachlorocyclopentadiene	8.898	237	281684	70.238	ng	96
43) 2,4,6-Trichlorophenol	9.039	196	297252	49.176	ng	99

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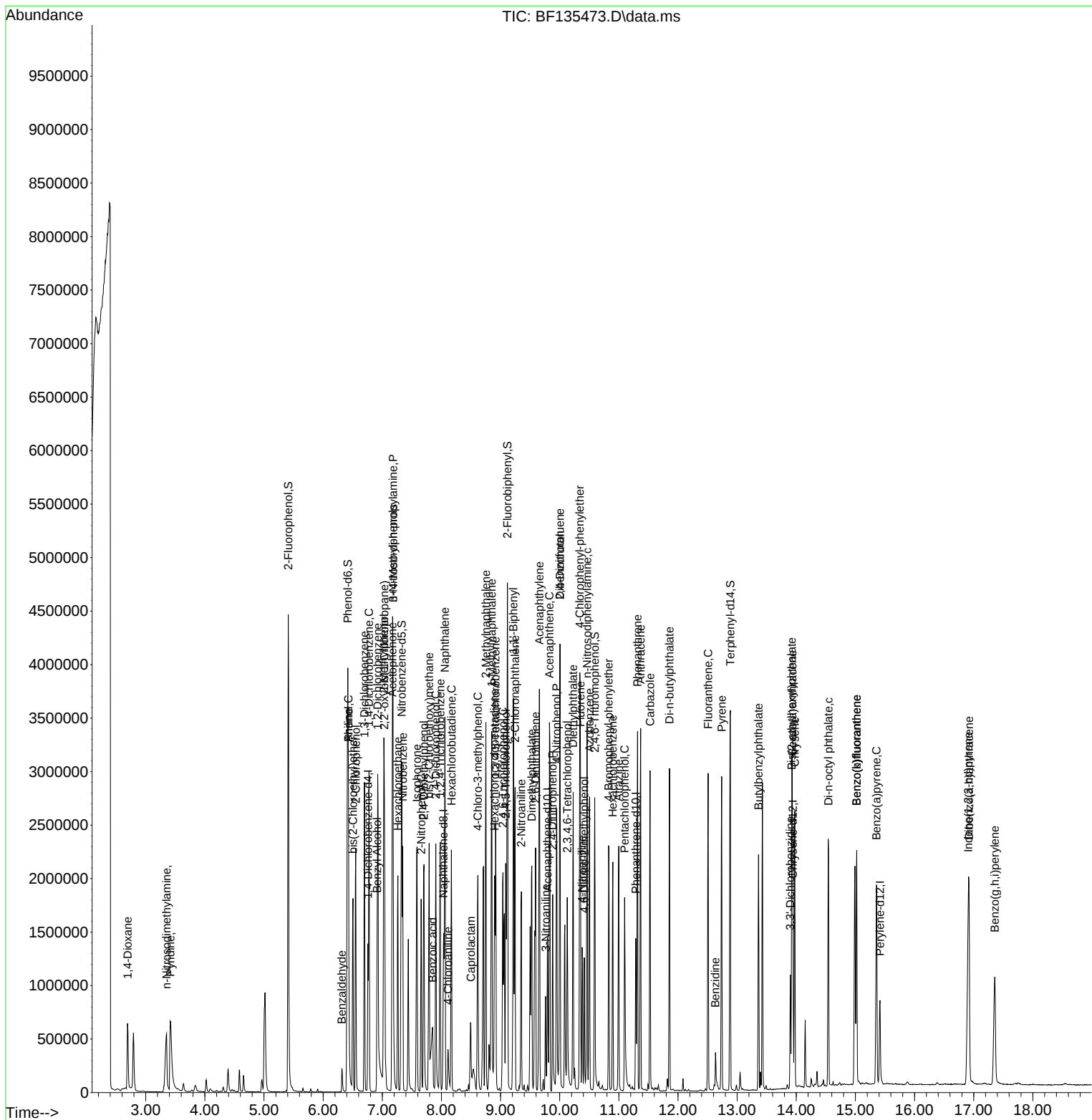
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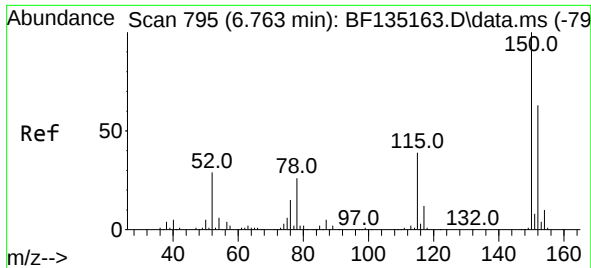
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	330656	47.501	ng	97
46) 1,1'-Biphenyl	9.216	154	1219760	49.808	ng	97
47) 2-Chloronaphthalene	9.245	162	914291	51.456	ng	99
48) 2-Nitroaniline	9.351	65	355195	51.456	ng	94
49) Acenaphthylene	9.657	152	1448081	49.038	ng	99
50) Dimethylphthalate	9.528	163	1068678	49.602	ng	100
51) 2,6-Dinitrotoluene	9.592	165	235705	49.939	ng	94
52) Acenaphthene	9.828	154	849731	48.711	ng	97
53) 3-Nitroaniline	9.763	138	141132	25.474	ng	91
54) 2,4-Dinitrophenol	9.881	184	229752	85.298	ng	95
55) Dibenzofuran	10.004	168	1172136	44.032	ng	99
56) 4-Nitrophenol	9.945	139	250307	71.087	ng	97
57) 2,4-Dinitrotoluene	10.004	165	252245	42.690	ng	# 83
58) Fluorene	10.351	166	934081	45.644	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	253713	47.381	ng	99
60) Diethylphthalate	10.228	149	1008022	46.619	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	425325	43.266	ng	97
62) 4-Nitroaniline	10.381	138	227335	42.687	ng	96
63) Azobenzene	10.504	77	1051439	49.686	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	145862	52.410	ng	93
66) n-Nitrosodiphenylamine	10.463	169	865191	54.538	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	271874	52.168	ng	92
68) Hexachlorobenzene	10.898	284	280523	52.835	ng	# 93
69) Atrazine	10.998	200	245799	57.584	ng	99
70) Pentachlorophenol	11.098	266	263030	82.803	ng	98
71) Phenanthrene	11.316	178	1266823	51.117	ng	99
72) Anthracene	11.369	178	1289192	50.608	ng	100
73) Carbazole	11.528	167	1173049	50.585	ng	99
74) Di-n-butylphthalate	11.857	149	1429051	52.297	ng	100
75) Fluoranthene	12.510	202	1191890	46.155	ng	99
77) Benzidine	12.633	184	161768	28.903	ng	99
78) Pyrene	12.739	202	1191239	45.799	ng	99
80) Butylbenzylphthalate	13.363	149	491600	53.681	ng	98
81) Benzo(a)anthracene	13.933	228	920190	52.162	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	223917	40.637	ng	# 97
83) Chrysene	13.974	228	906236	51.669	ng	100
84) Bis(2-ethylhexyl)phtha...	13.922	149	600860	63.938	ng	# 98
85) Di-n-octyl phthalate	14.545	149	1119958	74.991	ng	100
87) Indeno(1,2,3-cd)pyrene	16.910	276	1123915	45.459	ng	96
88) Benzo(b)fluoranthene	15.021	252	940883	46.093	ng	98
89) Benzo(k)fluoranthene	15.021	252	940883	46.662	ng	99
90) Benzo(a)pyrene	15.357	252	945214	48.557	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	914541	45.209	ng	99
92) Benzo(g,h,i)perylene	17.357	276	874786	41.406	ng	# 95

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

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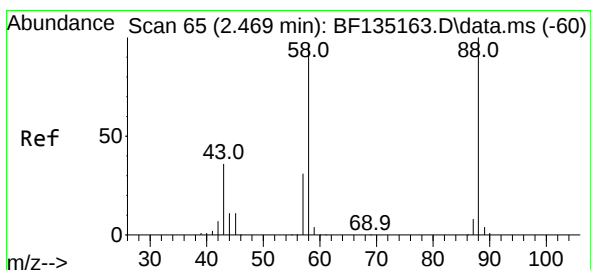
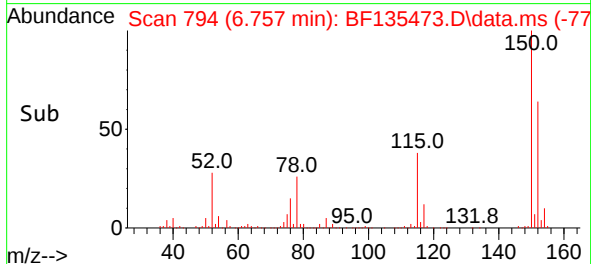
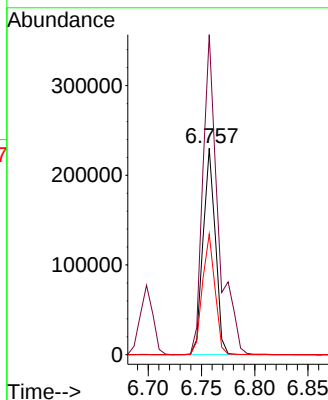
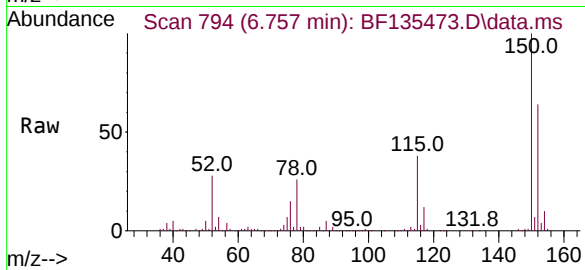




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

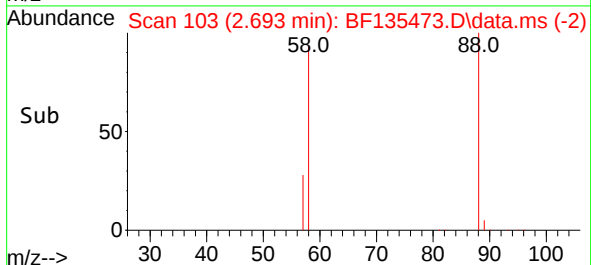
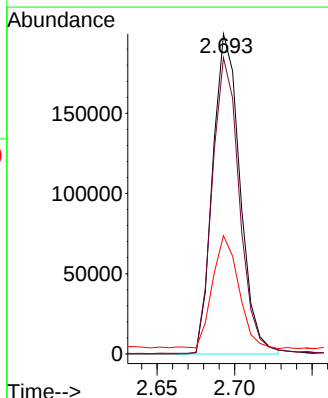
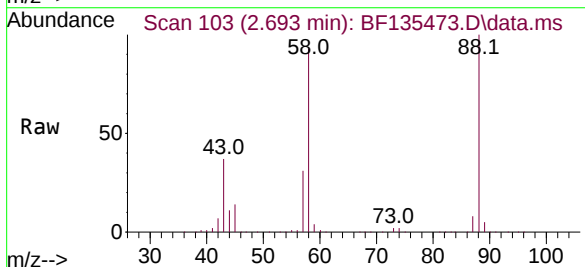
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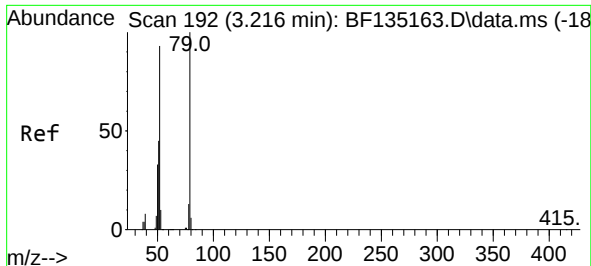
Tgt Ion:152 Resp: 185713
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.8 191.6
 115 58.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 48.550 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.241 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

Tgt Ion: 88 Resp: 243020
 Ion Ratio Lower Upper
 88 100
 58 91.8 78.3 117.5
 43 0.0 29.4 44.0#

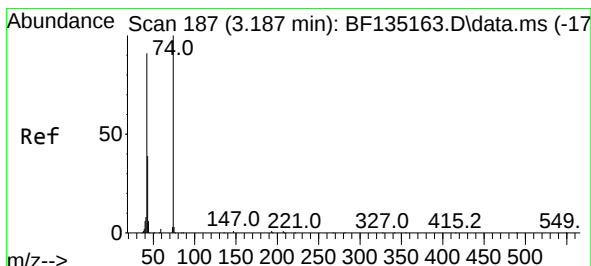
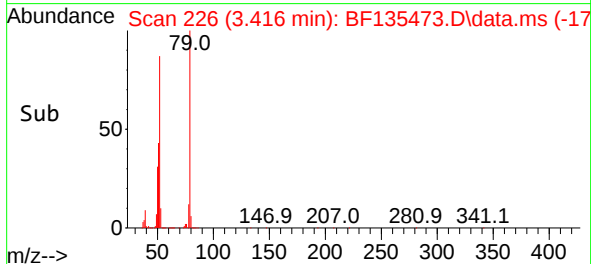
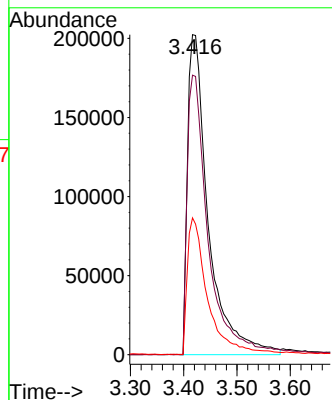
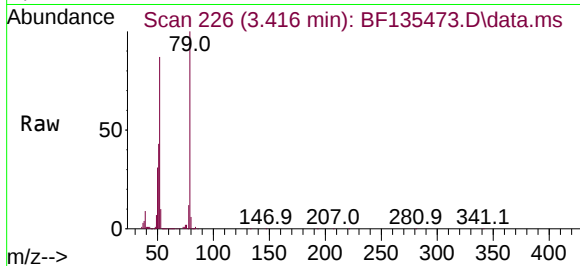




#3
 Pyridine
 Concen: 40.754 ng
 RT: 3.416 min Scan# 215
 Delta R.T. 0.218 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

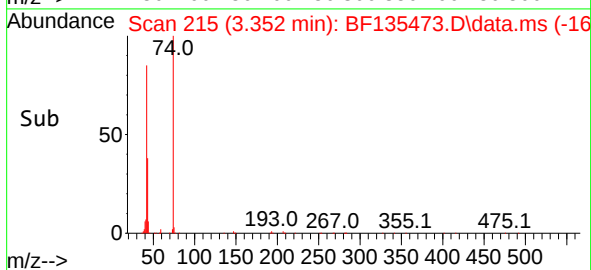
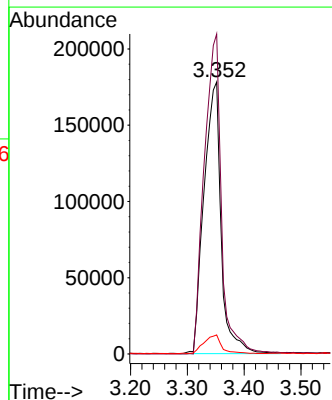
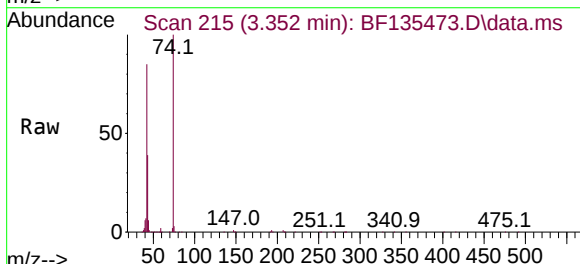
Instrument :
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 ClientSampleId :
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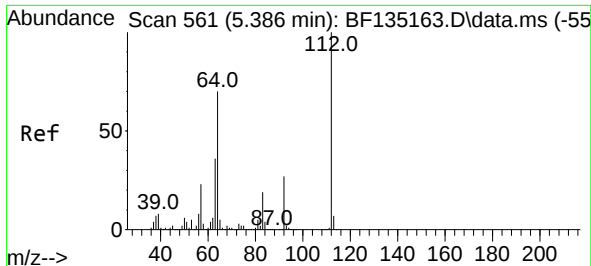
Tgt Ion: 79 Resp: 549031
 Ion Ratio Lower Upper
 79 100
 52 87.3 74.1 111.1
 51 42.8 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 52.011 ng
 RT: 3.352 min Scan# 215
 Delta R.T. 0.182 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

Tgt Ion: 42 Resp: 371827
 Ion Ratio Lower Upper
 42 100
 74 117.7 87.7 131.5
 44 7.0 5.6 8.4

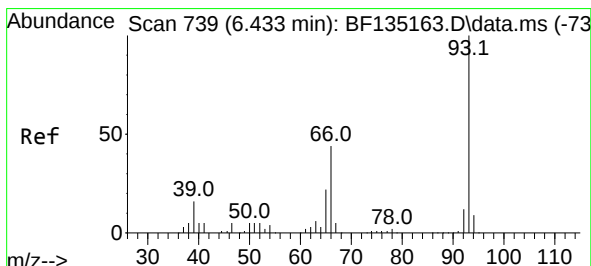
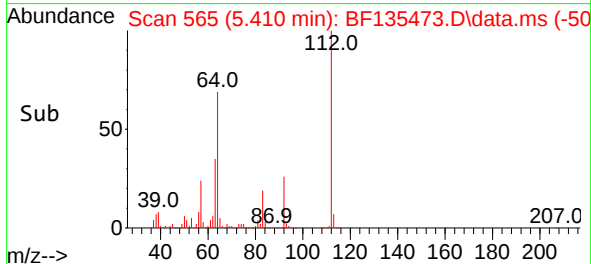
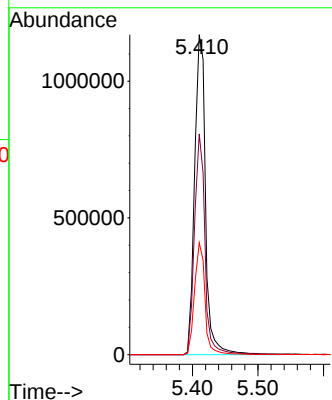
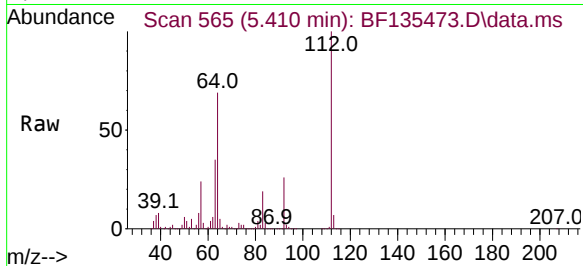




#5
2-Fluorophenol
Concen: 119.401 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.029 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

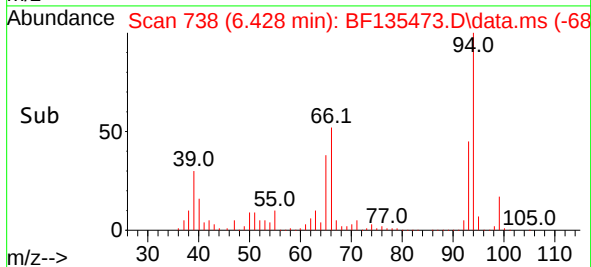
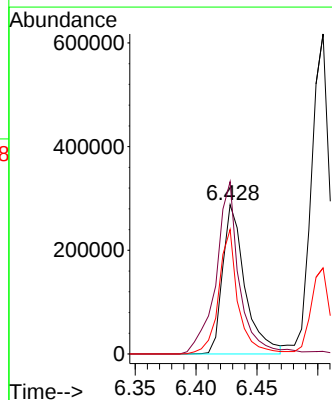
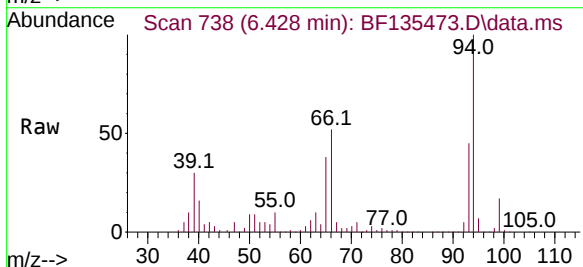
Instrument :
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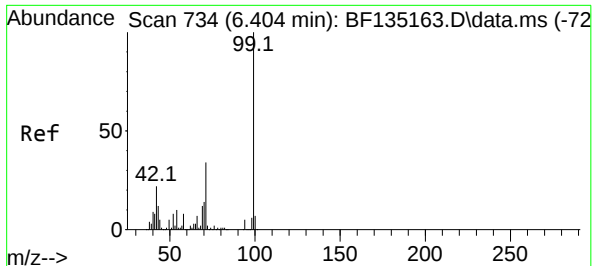
Tgt Ion:112 Resp: 1363365
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.0 29.0 43.6



#6
Aniline
Concen: 19.316 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion: 93 Resp: 367765
Ion Ratio Lower Upper
93 100
66 115.4 35.4 53.0#
65 83.4 17.8 26.8#

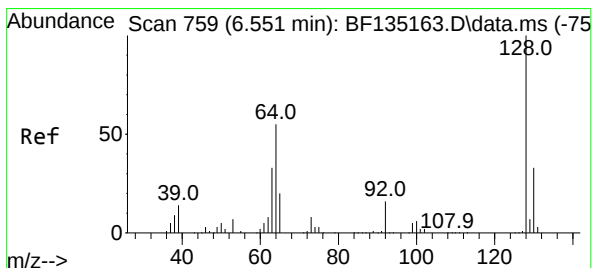
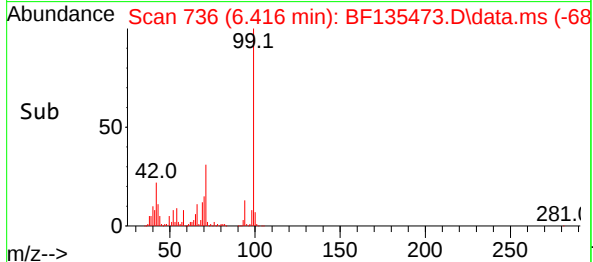
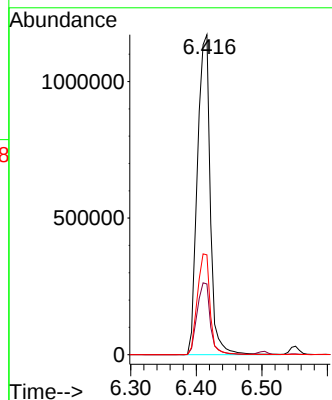
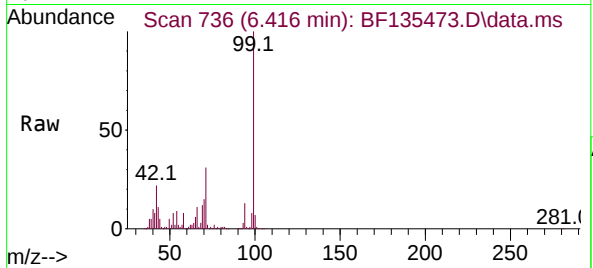




#7
Phenol-d6
Concen: 110.021 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

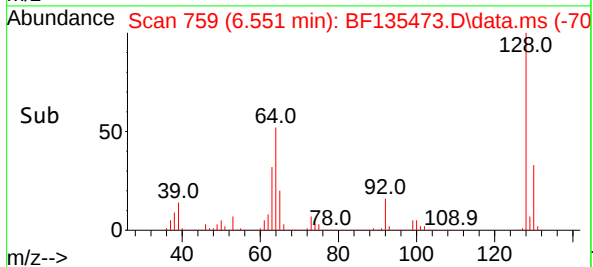
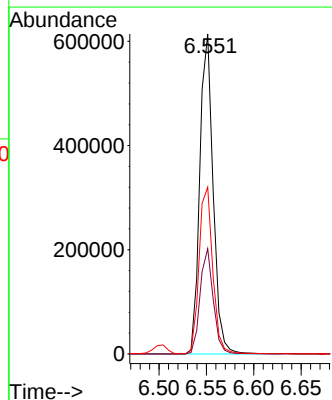
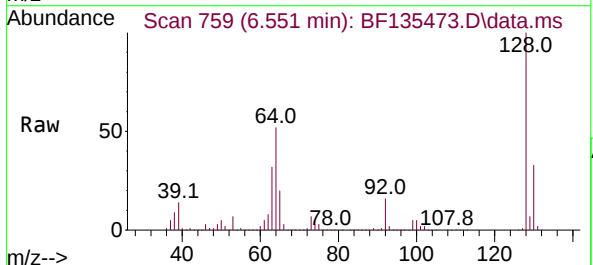
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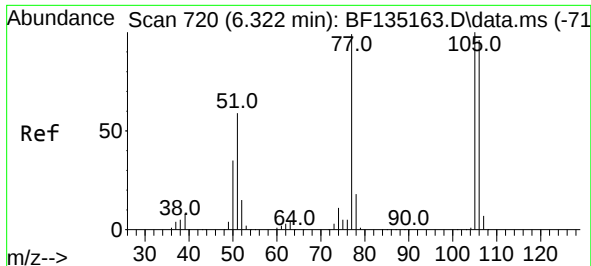
Tgt Ion: 99 Resp: 1597401
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 31.2 27.0 40.6



#8
2-Chlorophenol
Concen: 49.330 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:128 Resp: 601289
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 52.1 35.9 75.9





#9

Benzaldehyde

Concen: 6.144 ng

RT: 6.316 min Scan# 719

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

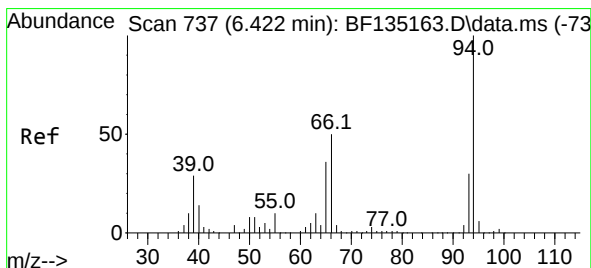
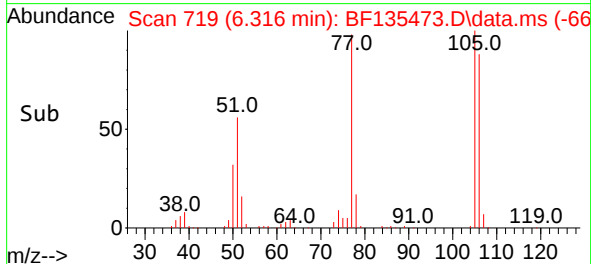
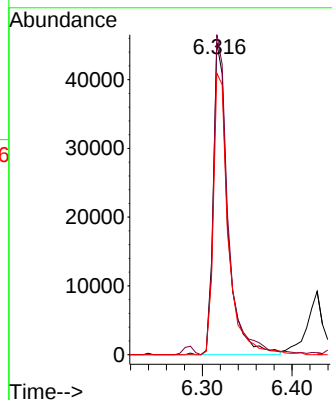
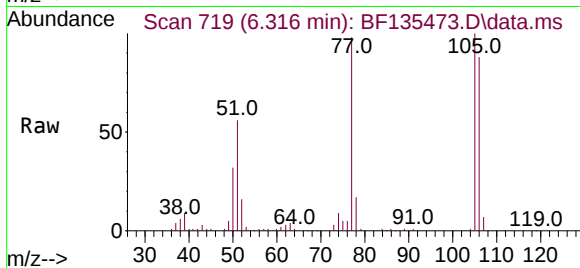
Tgt Ion: 77 Resp: 50816

Ion Ratio Lower Upper

77 100

105 102.6 81.4 121.4

106 90.2 76.9 116.9



#10

Phenol

Concen: 38.909 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

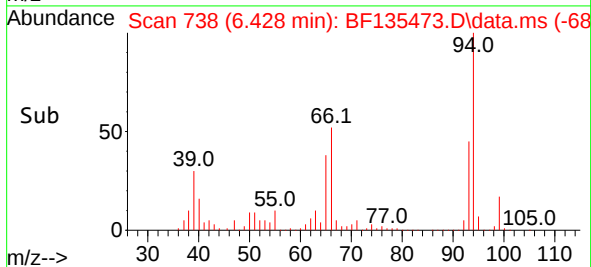
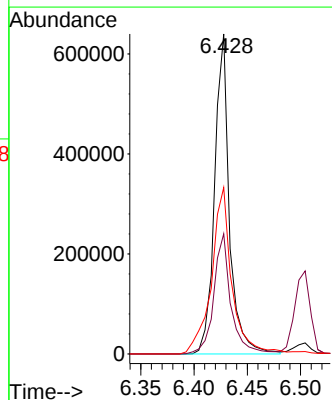
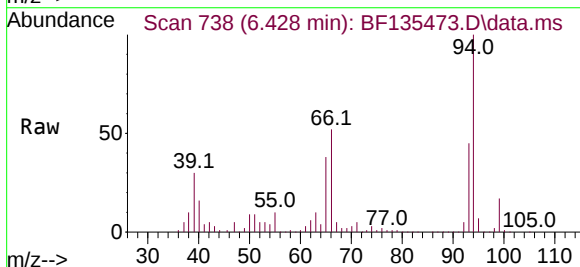
Tgt Ion: 94 Resp: 619453

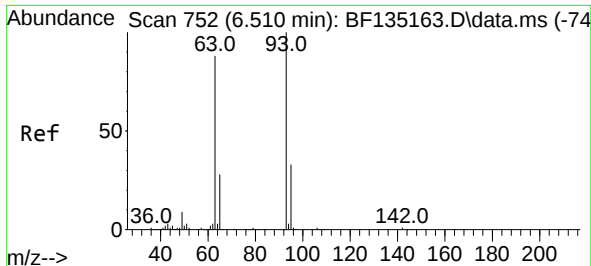
Ion Ratio Lower Upper

94 100

65 37.5 15.9 55.9

66 52.0 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 52.478 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

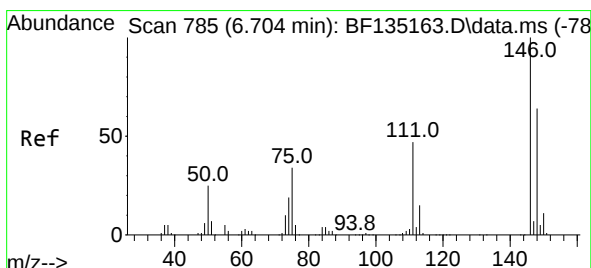
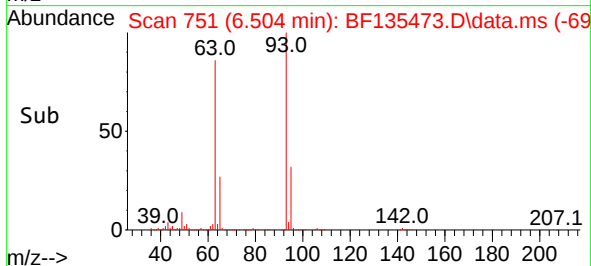
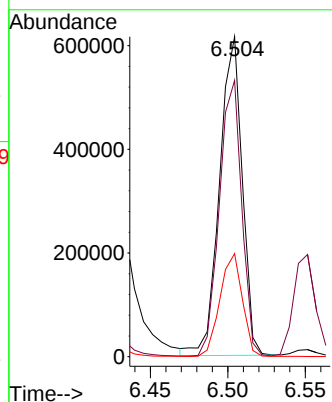
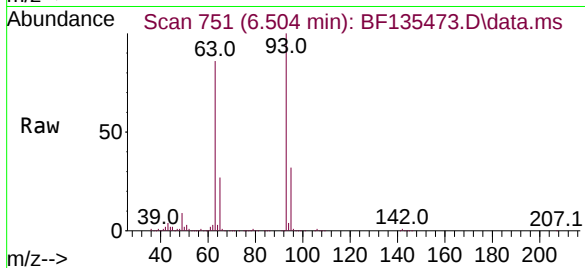
Tgt Ion: 93 Resp: 626707

Ion Ratio Lower Upper

93 100

63 86.3 67.3 107.3

95 32.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 48.114 ng

RT: 6.698 min Scan# 784

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

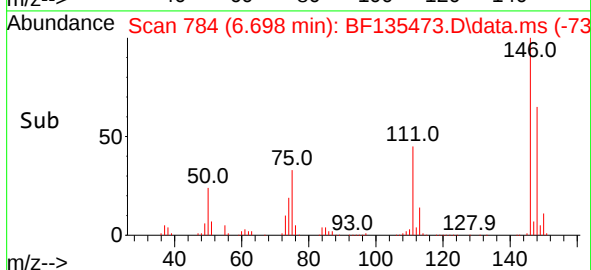
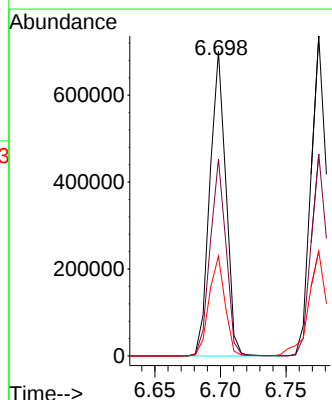
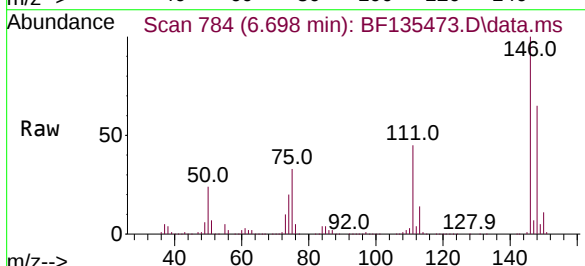
Tgt Ion:146 Resp: 596018

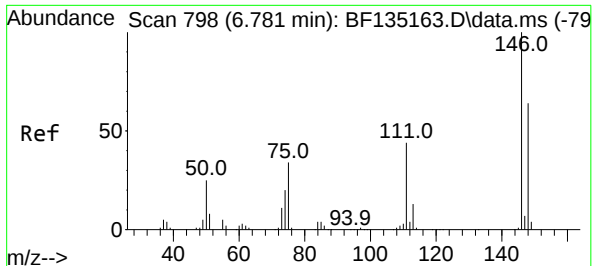
Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

75 32.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.123 ng

RT: 6.775 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

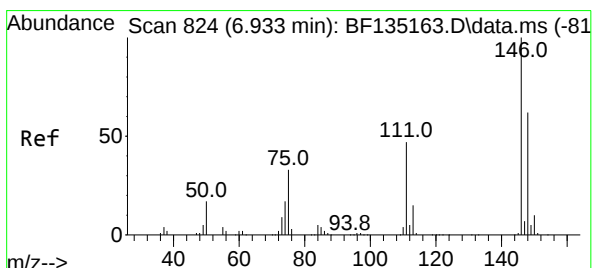
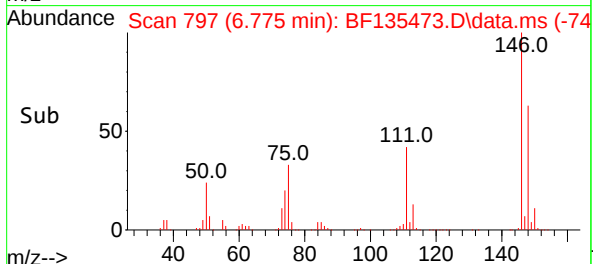
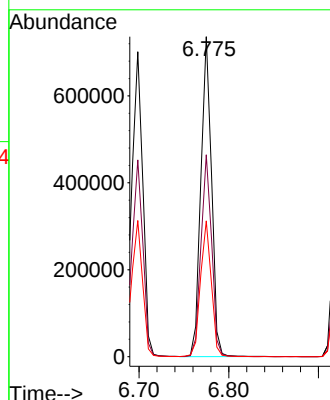
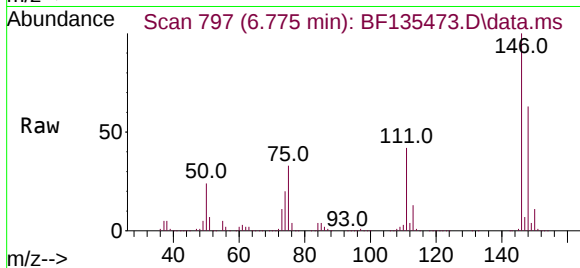
Tgt Ion:146 Resp: 606510

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 42.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 48.330 ng

RT: 6.922 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

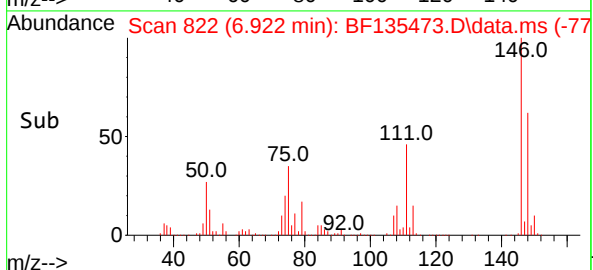
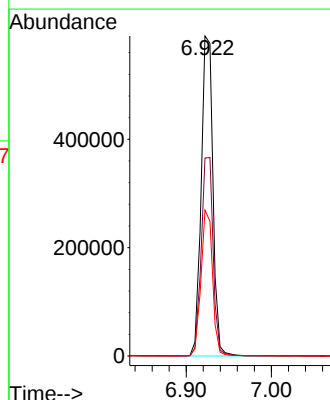
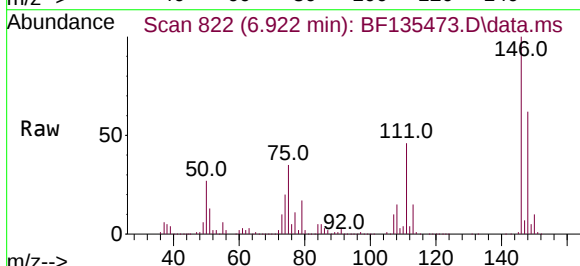
Tgt Ion:146 Resp: 565665

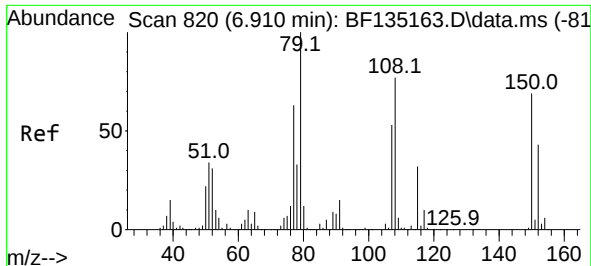
Ion Ratio Lower Upper

146 100

148 61.8 49.7 74.5

111 45.6 37.4 56.2

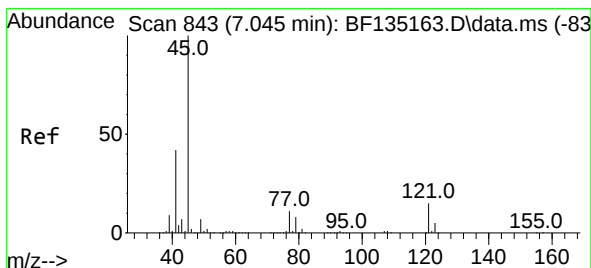
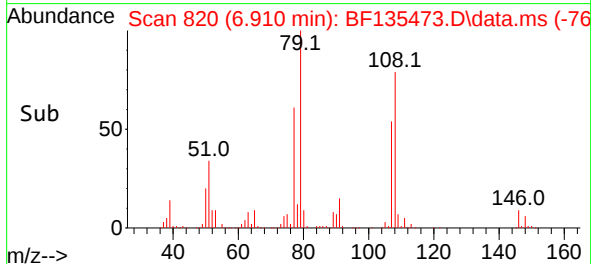
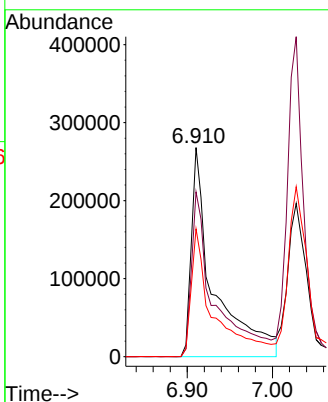
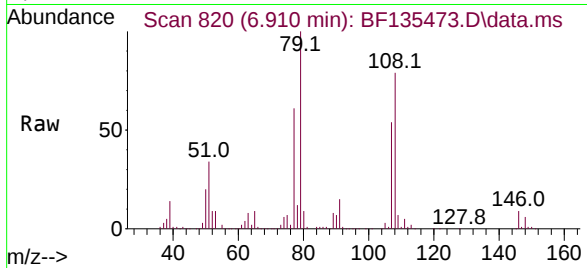




#15
Benzyl Alcohol
Concen: 46.944 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

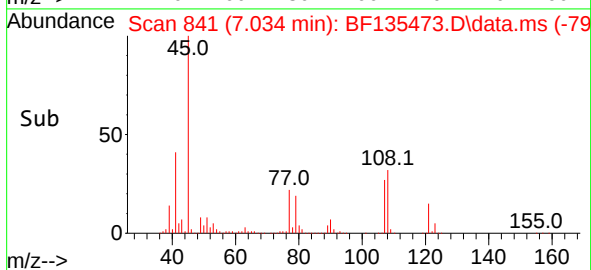
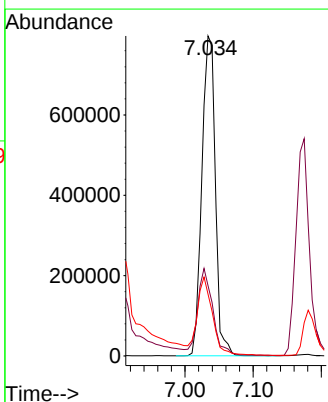
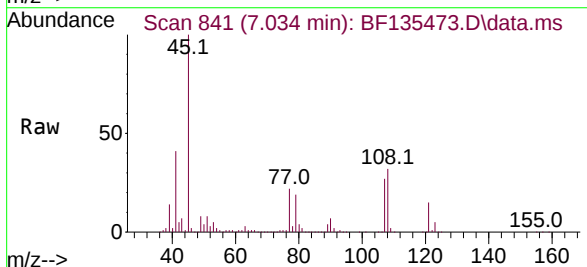
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

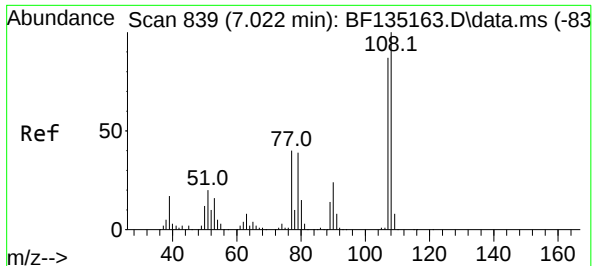
Tgt Ion: 79 Resp: 489094
Ion Ratio Lower Upper
79 100
108 78.8 61.2 91.8
77 61.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.563 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion: 45 Resp: 1093152
Ion Ratio Lower Upper
45 100
77 22.0 0.0 30.6
79 19.3 0.0 28.3

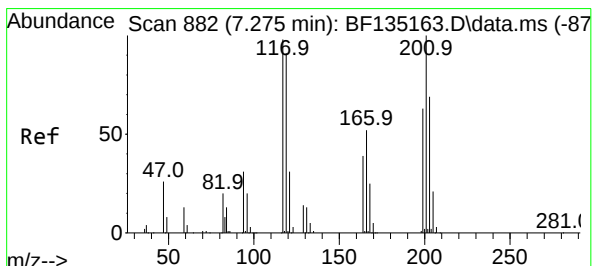
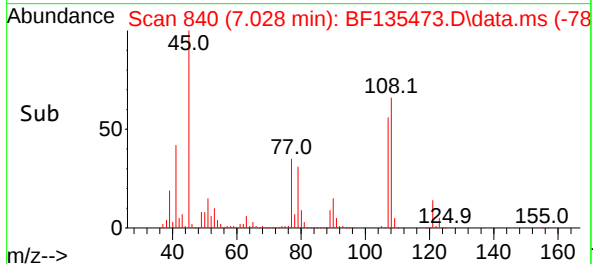
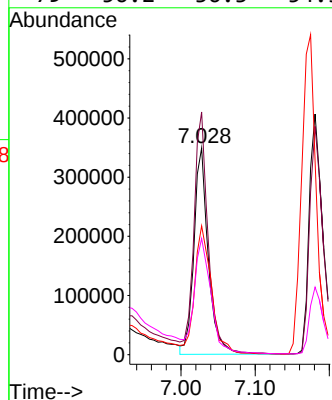
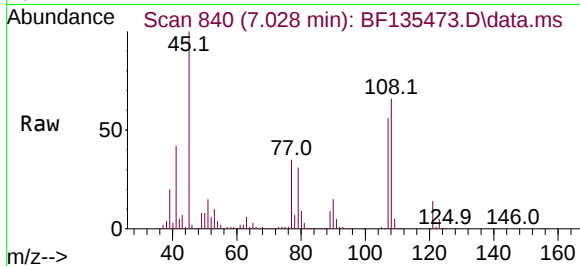




#17
2-Methylphenol
Concen: 43.554 ng
RT: 7.028 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

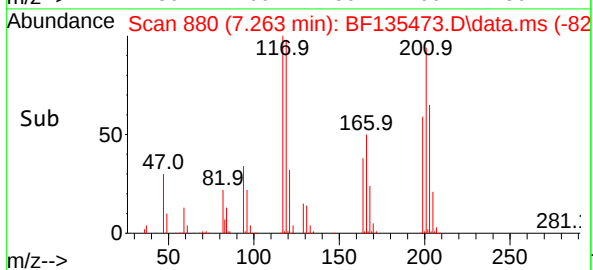
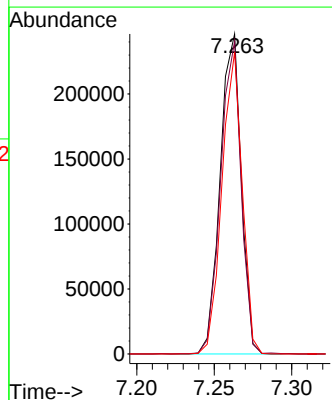
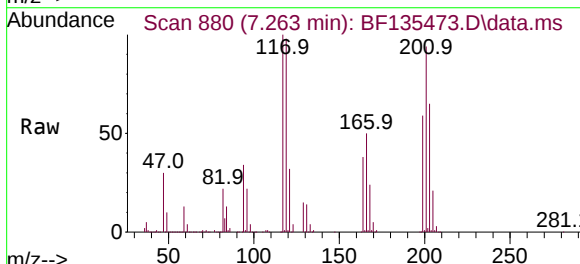
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

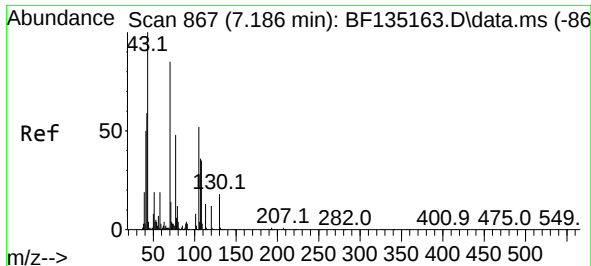
Tgt Ion:107 Resp: 468486
Ion Ratio Lower Upper
107 100
108 117.4 92.0 138.0
77 62.3 36.7 55.1#
79 56.2 36.3 54.5#



#18
Hexachloroethane
Concen: 50.018 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:117 Resp: 232924
Ion Ratio Lower Upper
117 100
119 97.7 74.7 112.1
201 94.4 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.371 ng

RT: 7.181 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF135473.D

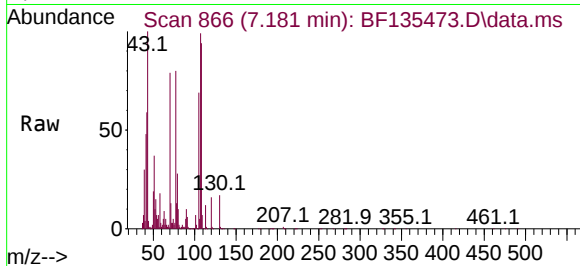
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS



Tgt Ion: 70 Resp: 381044

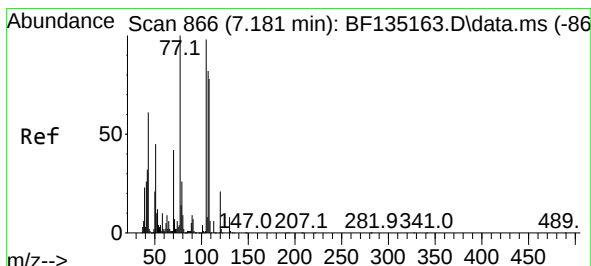
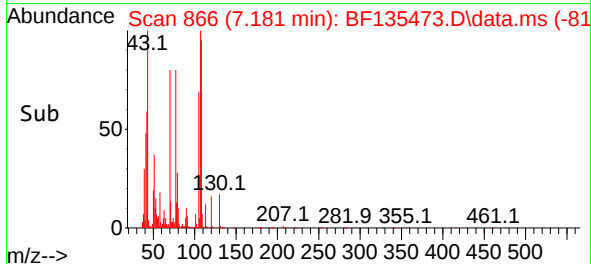
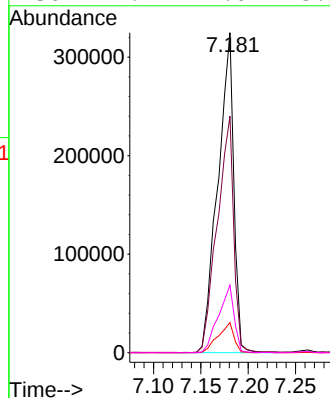
Ion Ratio Lower Upper

70 100

42 73.9 55.4 83.0

101 9.4 7.7 11.5

130 21.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 40.775 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Tgt Ion: 107 Resp: 527391

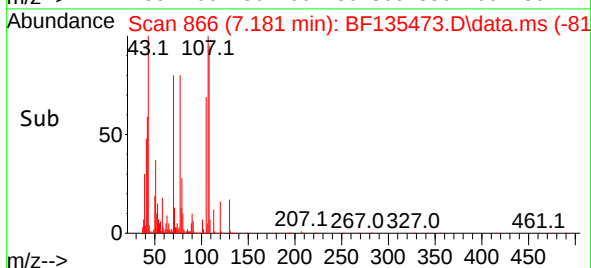
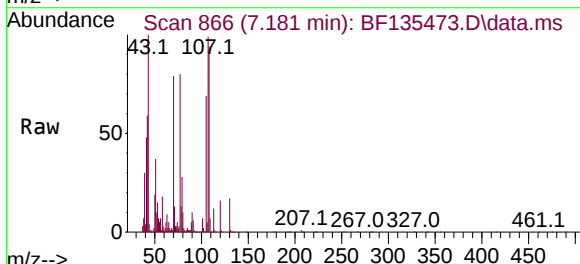
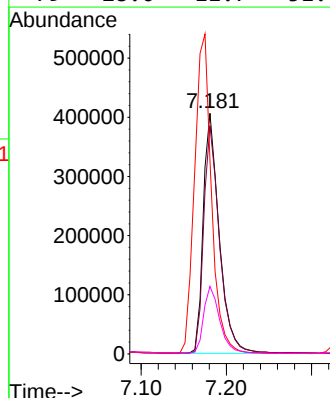
Ion Ratio Lower Upper

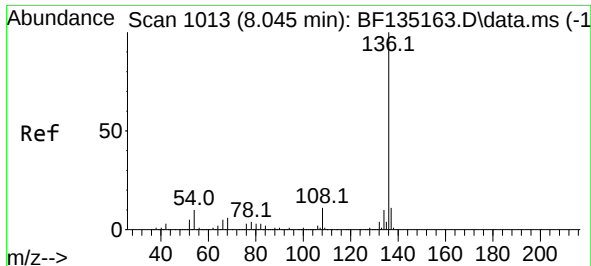
107 100

108 94.9 74.7 114.7

77 80.4 102.0 142.0

79 28.0 11.7 51.7

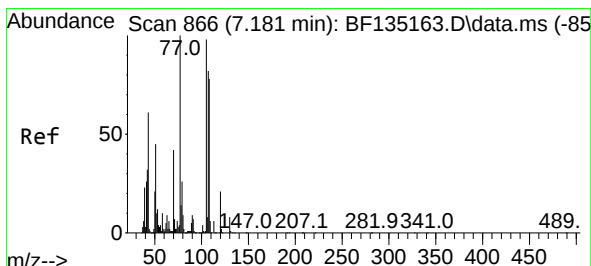
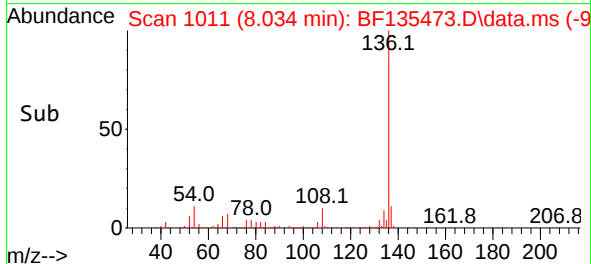
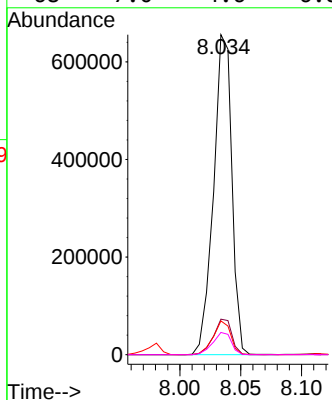
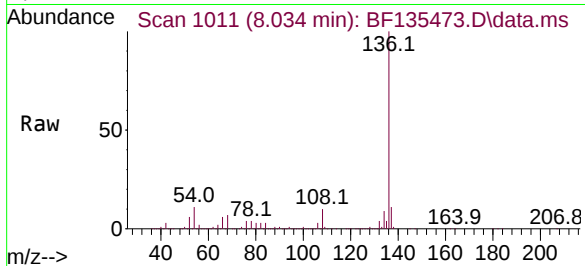




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

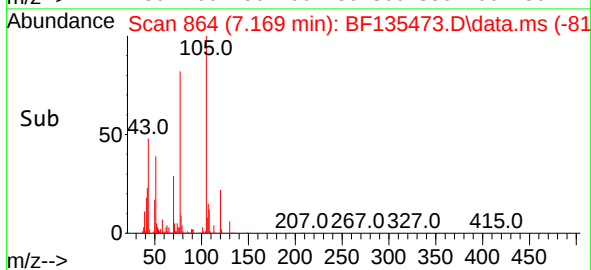
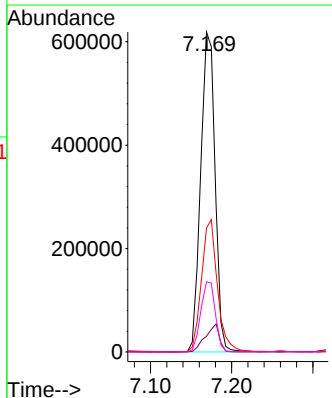
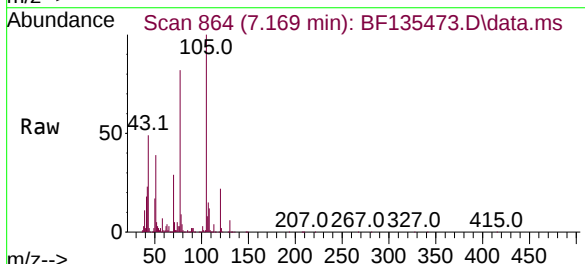
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

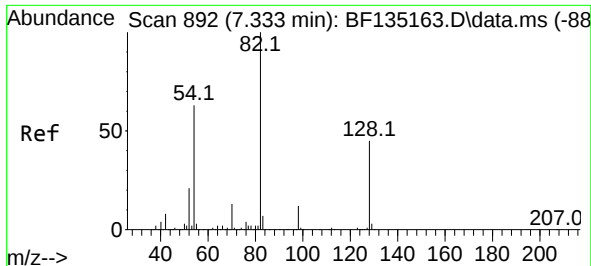
Tgt Ion:136 Resp: 689236
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.6 7.7 11.5
68 7.0 4.6 6.8#



#22
Acetophenone
Concen: 48.344 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:105 Resp: 761790
Ion Ratio Lower Upper
105 100
71 4.9 5.8 8.6#
51 38.7 37.0 55.4
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 93.558 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

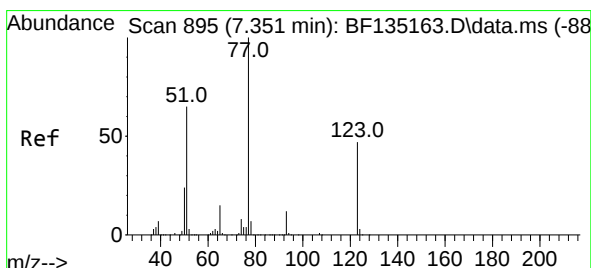
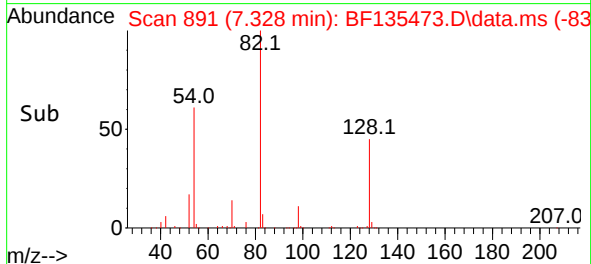
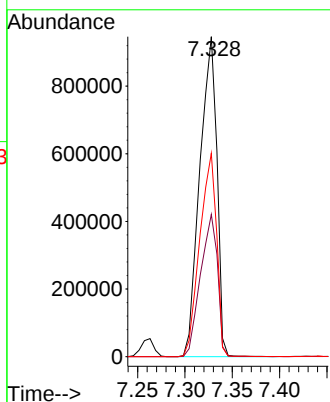
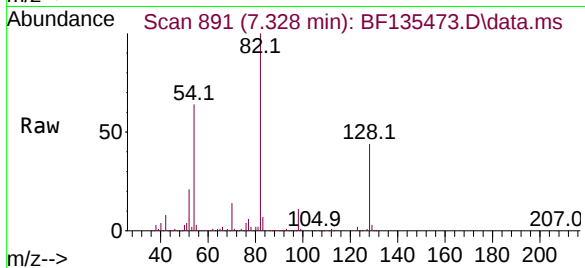
BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion: 82 Resp: 1186896

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.8	53.6
54	63.5	50.6	76.0



#24

Nitrobenzene

Concen: 49.528 ng

RT: 7.345 min Scan# 894

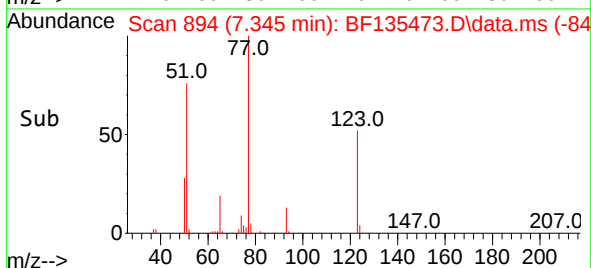
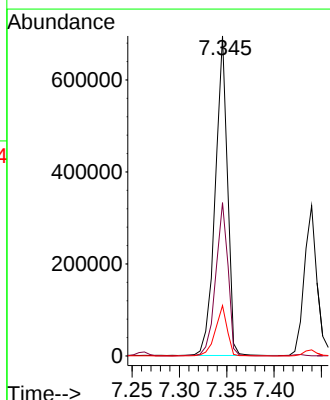
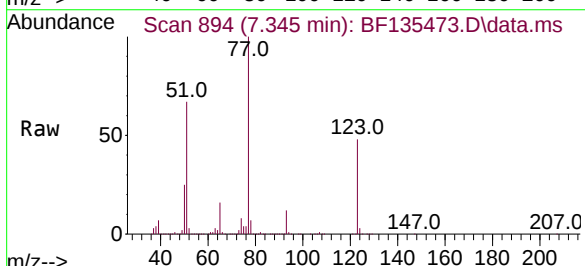
Delta R.T. 0.006 min

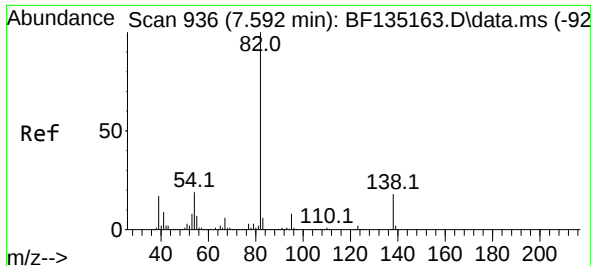
Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Tgt Ion: 77 Resp: 621038

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.6	56.4
65	15.7	12.2	18.4

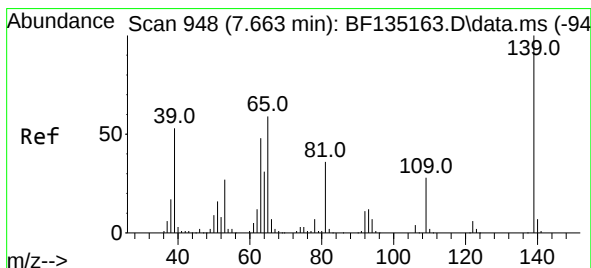
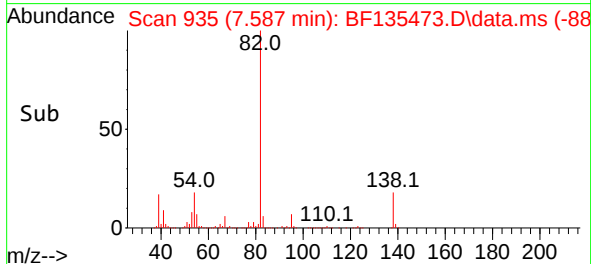
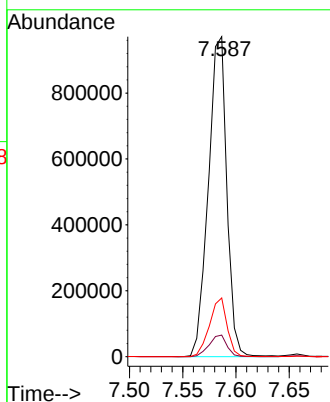
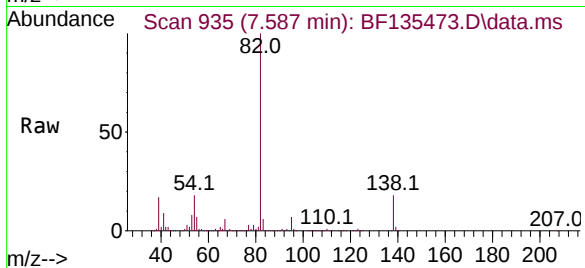




#25
Isophorone
Concen: 50.228 ng
RT: 7.587 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

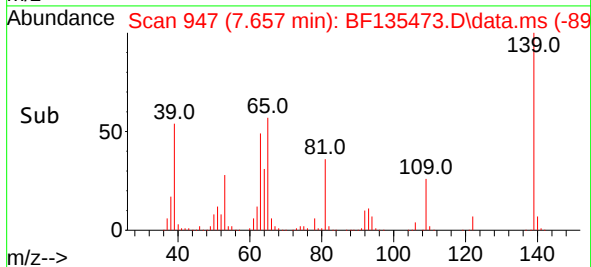
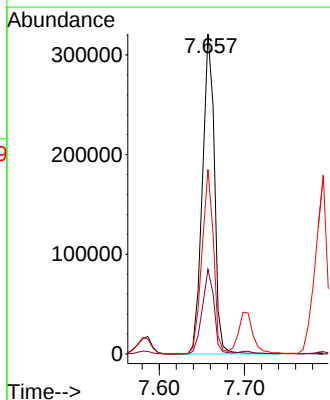
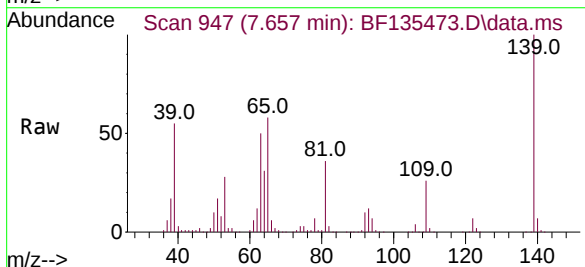
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

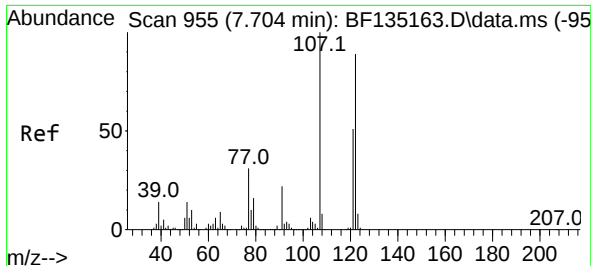
Tgt Ion: 82 Resp: 1170071
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 18.3 14.5 21.7



#26
2-Nitrophenol
Concen: 52.285 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:139 Resp: 314657
Ion Ratio Lower Upper
139 100
109 26.4 22.6 33.8
65 57.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.552 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

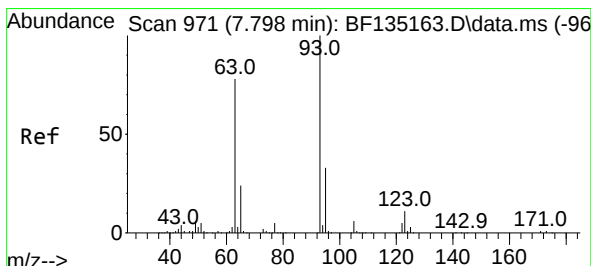
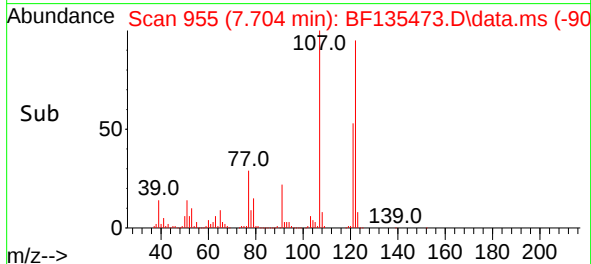
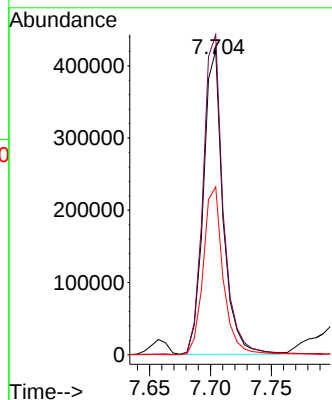
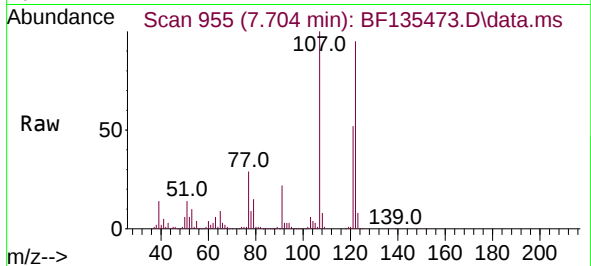
Tgt Ion:122 Resp: 470906

Ion Ratio Lower Upper

122 100

107 105.2 90.2 135.4

121 55.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 52.521 ng

RT: 7.793 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

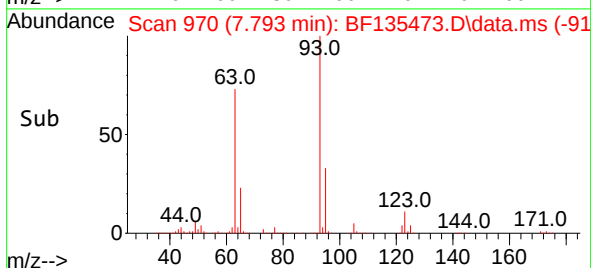
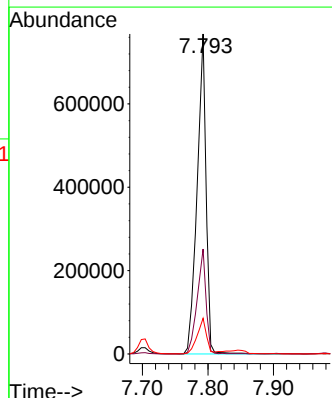
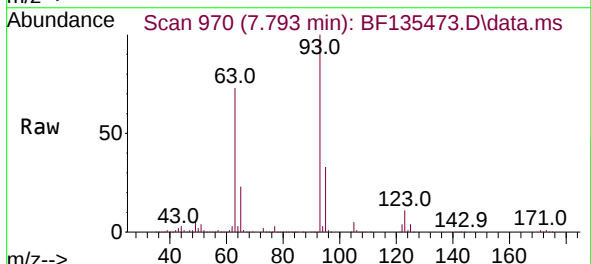
Tgt Ion: 93 Resp: 732292

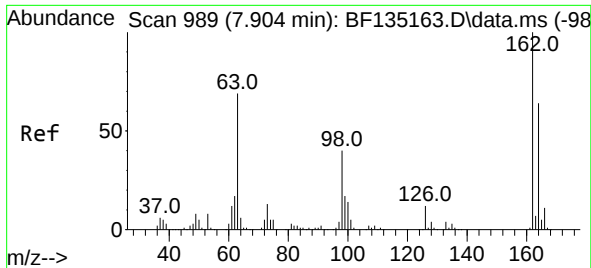
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.2 8.8 13.2

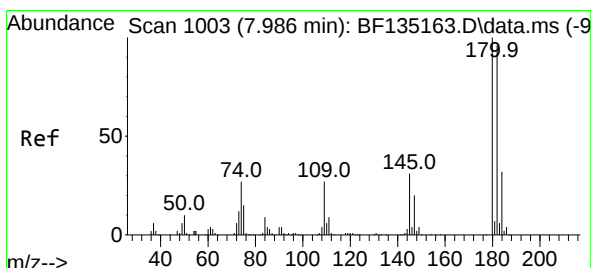
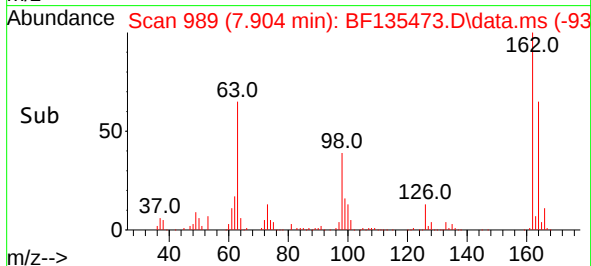
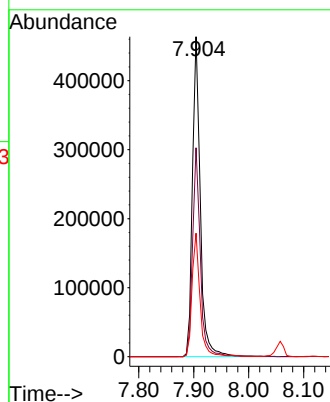
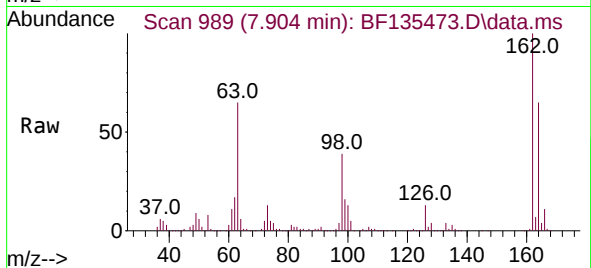




#29
2,4-Dichlorophenol
Concen: 49.135 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

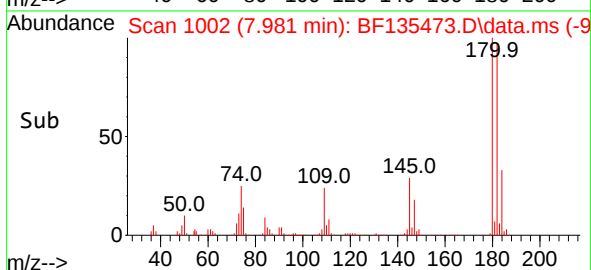
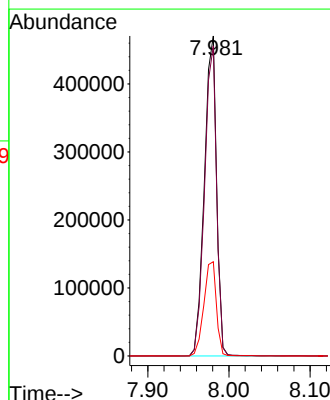
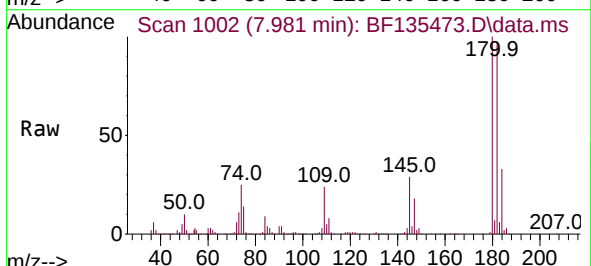
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

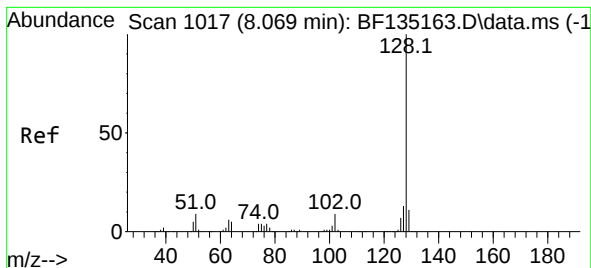
Tgt Ion:162 Resp: 460554
Ion Ratio Lower Upper
162 100
164 65.3 44.1 84.1
98 38.6 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 49.970 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:180 Resp: 489568
Ion Ratio Lower Upper
180 100
182 96.9 76.9 115.3
145 29.5 24.5 36.7





#31

Naphthalene

Concen: 48.423 ng

RT: 8.057 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

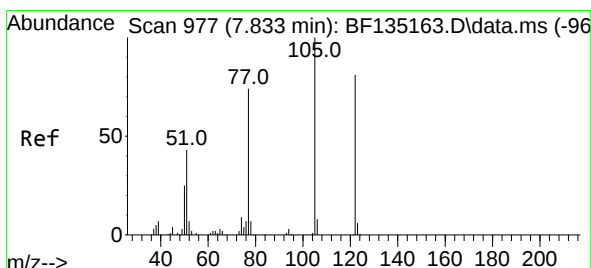
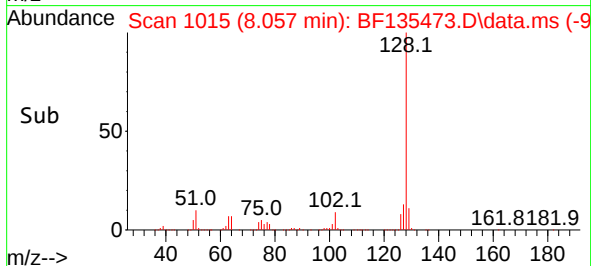
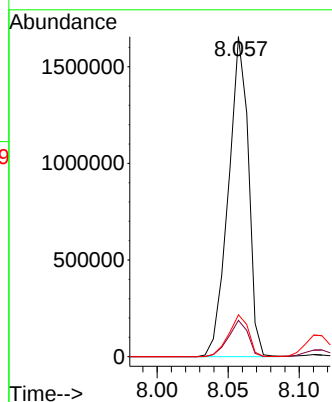
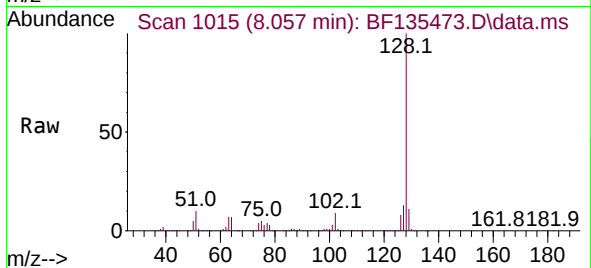
Tgt Ion:128 Resp: 1621596

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 45.942 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.024 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

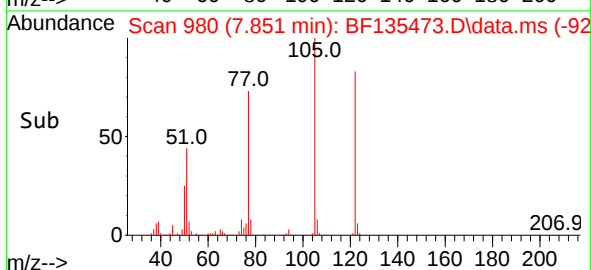
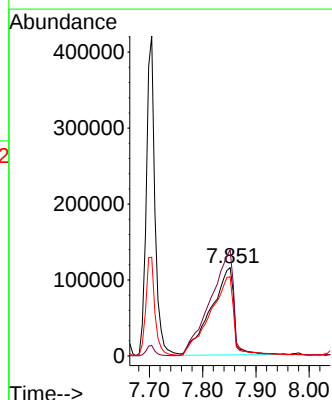
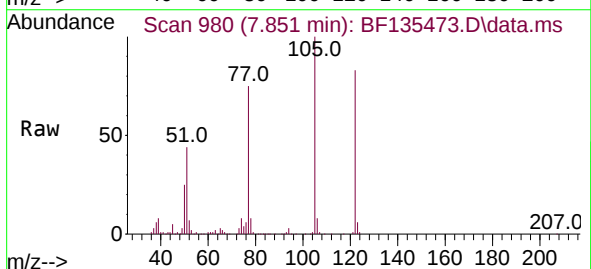
Tgt Ion:122 Resp: 349950

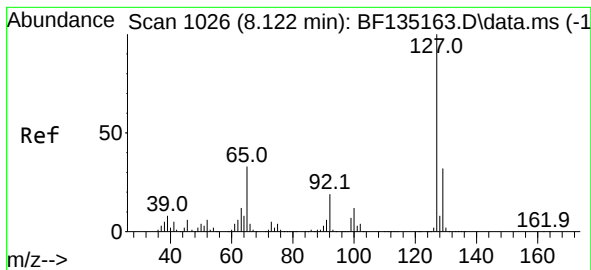
Ion Ratio Lower Upper

122 100

105 119.9 99.9 139.9

77 89.6 70.0 110.0





#33

4-Chloroaniline

Concen: 12.096 ng

RT: 8.110 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion:127 Resp: 177724

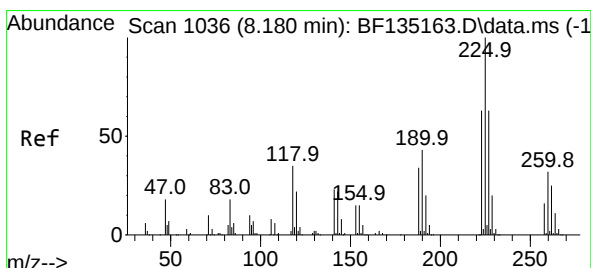
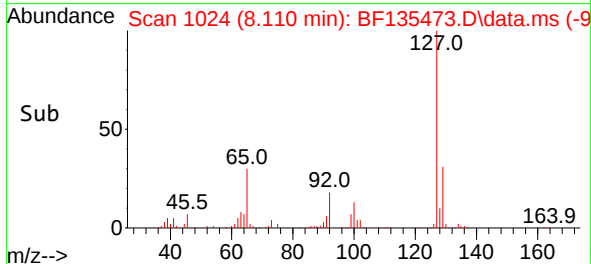
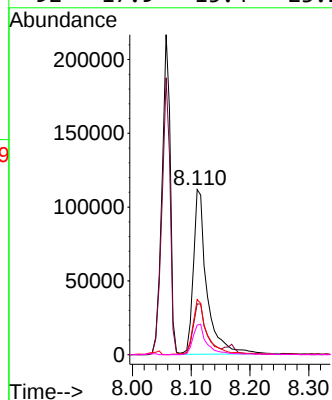
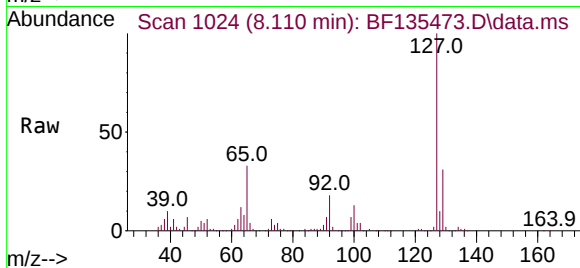
Ion Ratio Lower Upper

127 100

129 30.7 25.8 38.8

65 33.4 26.6 39.8

92 17.9 15.4 23.2



#34

Hexachlorobutadiene

Concen: 47.056 ng

RT: 8.169 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

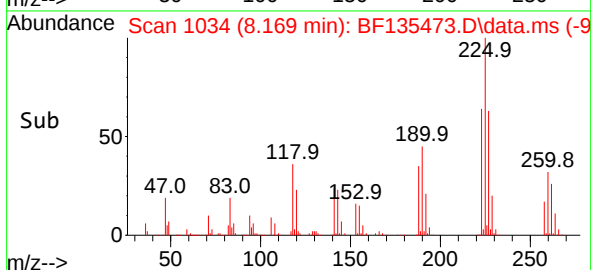
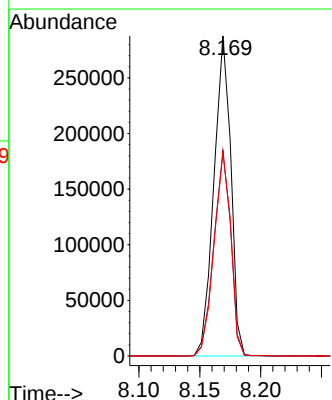
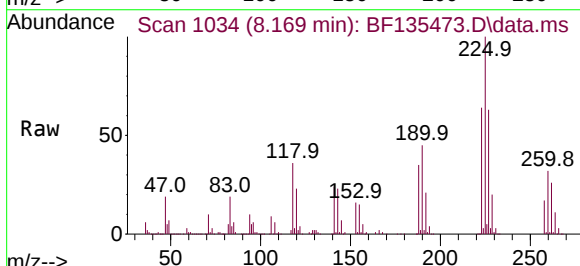
Tgt Ion:225 Resp: 277984

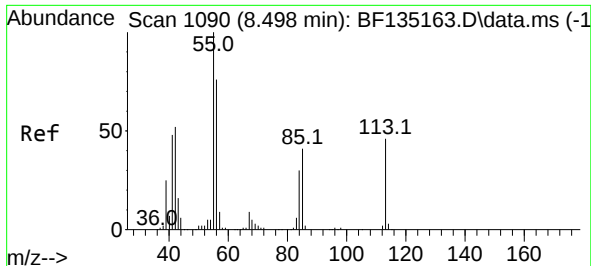
Ion Ratio Lower Upper

225 100

223 64.2 50.6 75.8

227 63.5 50.8 76.2

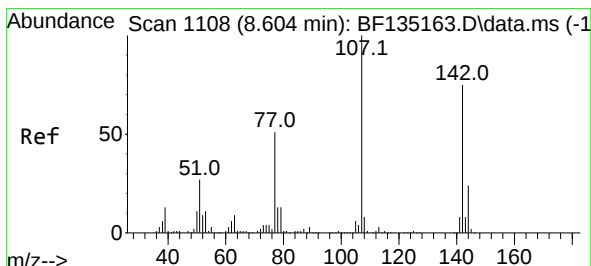
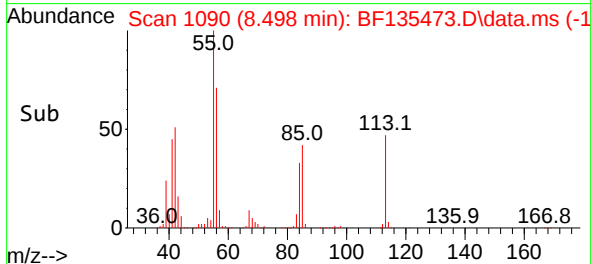
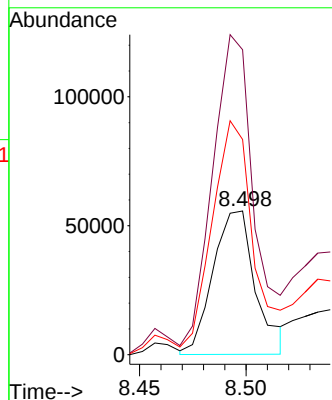
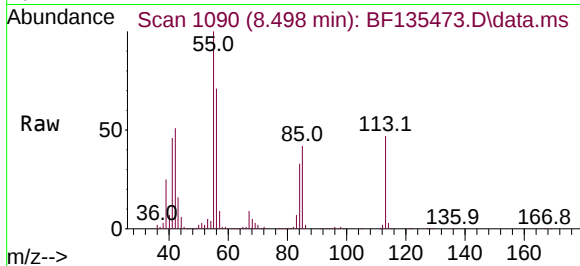




#35
 Caprolactam
 Concen: 24.593 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

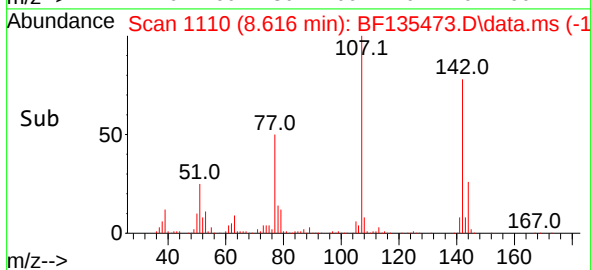
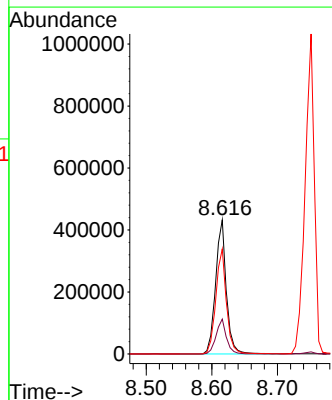
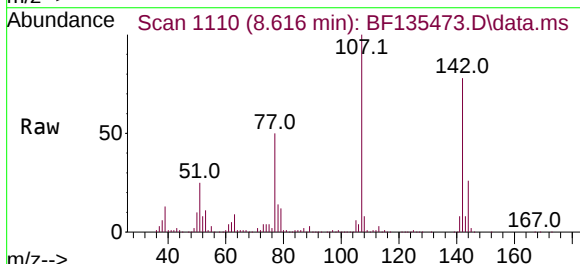
Instrument :
 BNA_F
 ClientSampleId :
 TP-BCDMS

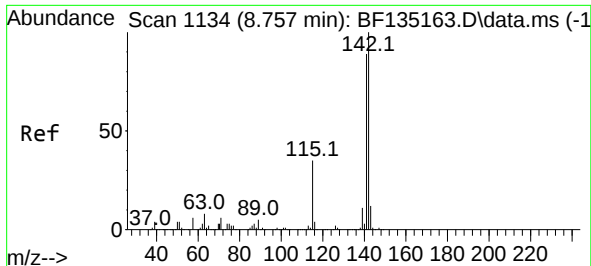
Tgt Ion:113 Resp: 77367
 Ion Ratio Lower Upper
 113 100
 55 212.2 199.3 239.3
 56 149.8 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.099 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

Tgt Ion:107 Resp: 490668
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.0 28.4
 142 78.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.500 ng

RT: 8.751 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

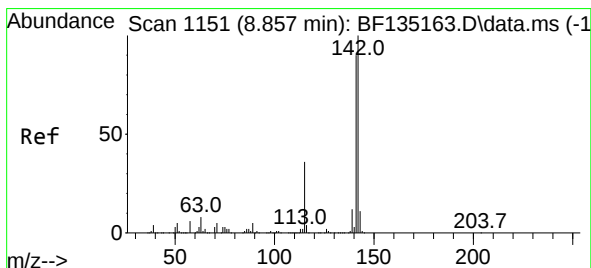
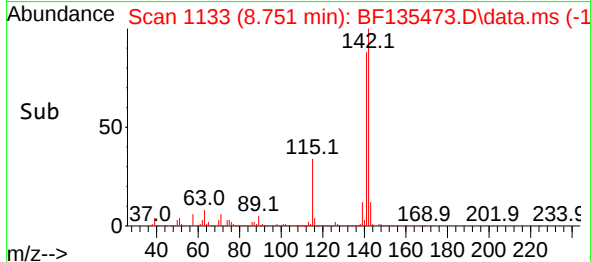
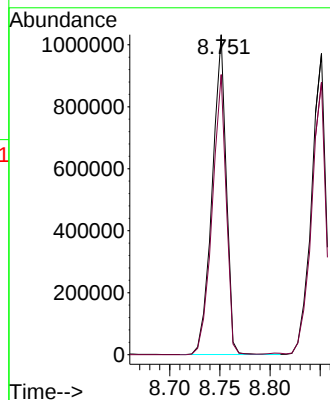
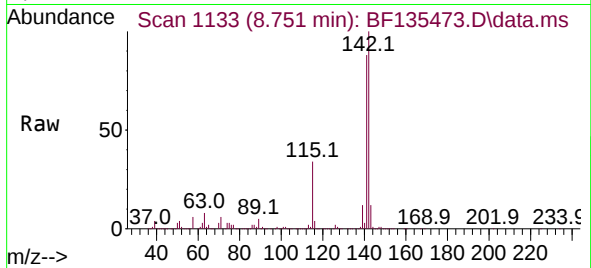
TP-BCDMS

Tgt Ion:142 Resp: 1001706

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.143 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135473.D

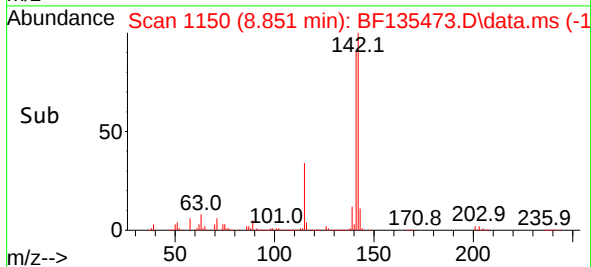
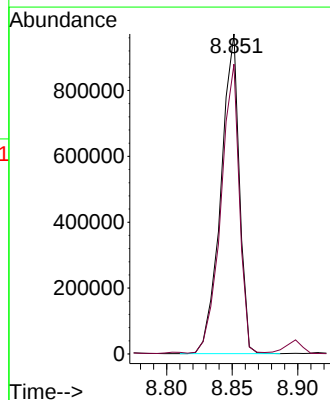
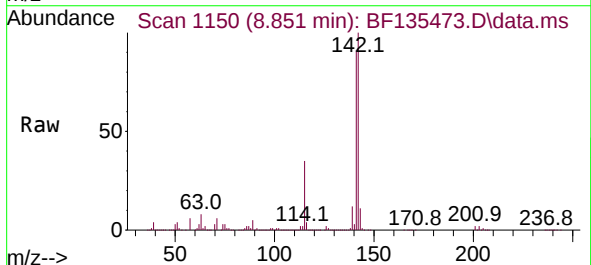
Acq: 27 Sep 2023 15:30

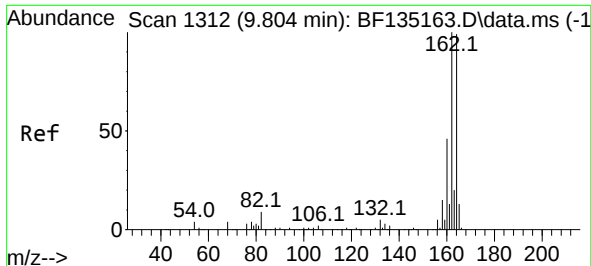
Tgt Ion:142 Resp: 951396

Ion Ratio Lower Upper

142 100

141 90.5 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

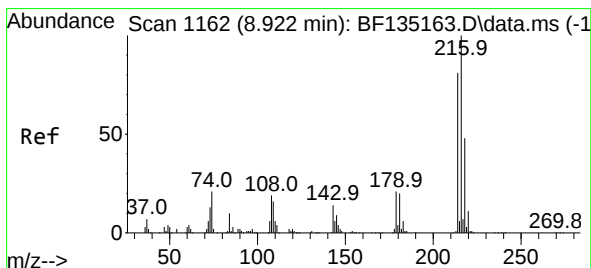
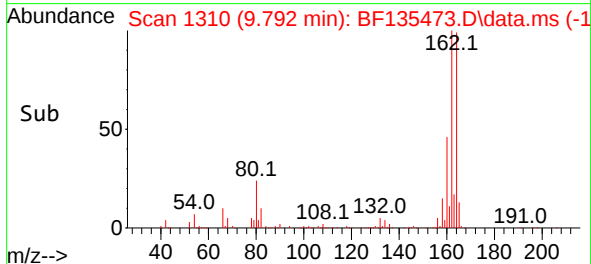
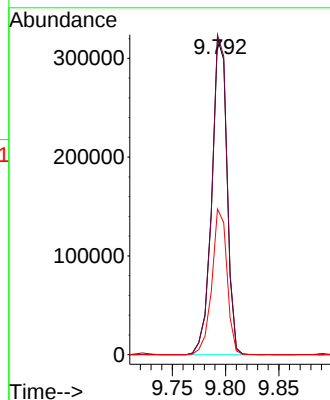
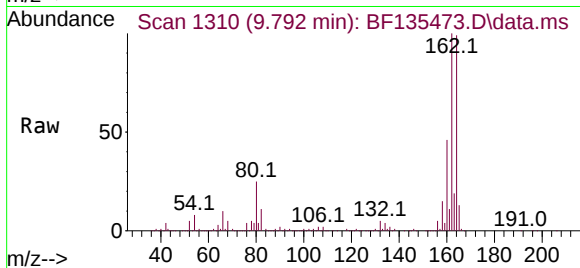
Tgt Ion:164 Resp: 318668

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 46.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.513 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Tgt Ion:216 Resp: 466343

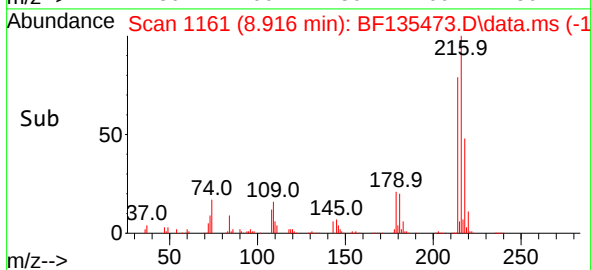
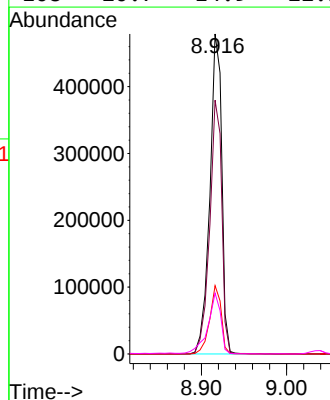
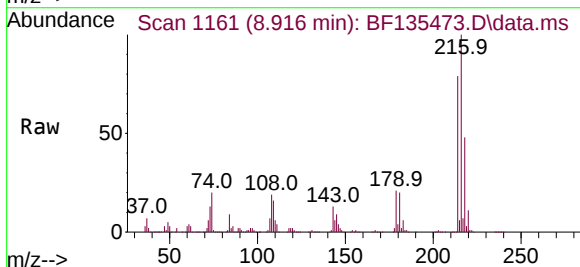
Ion Ratio Lower Upper

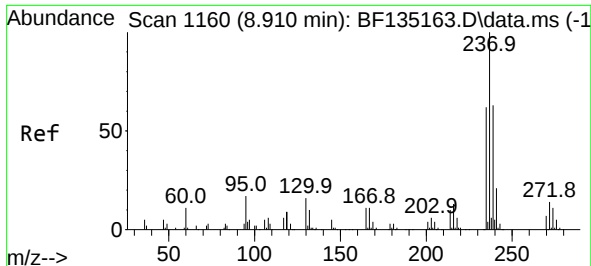
216 100

214 79.8 63.7 95.5

179 20.6 16.7 25.1

108 20.7 14.9 22.3

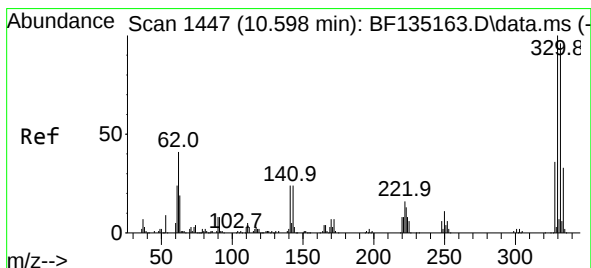
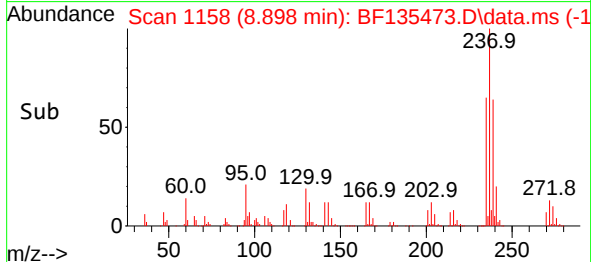
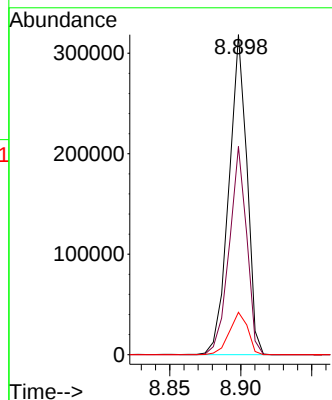
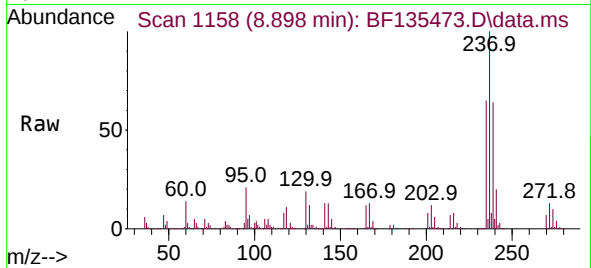




#41
Hexachlorocyclopentadiene
Concen: 70.238 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

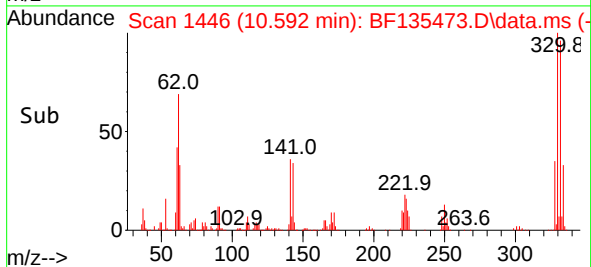
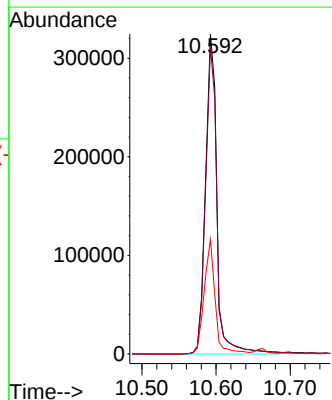
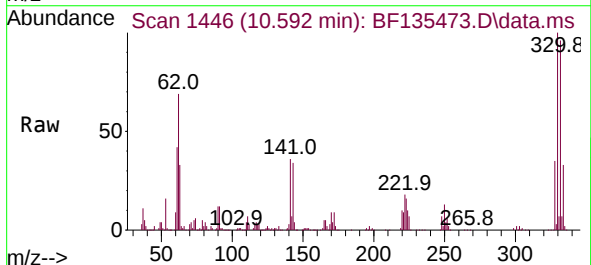
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

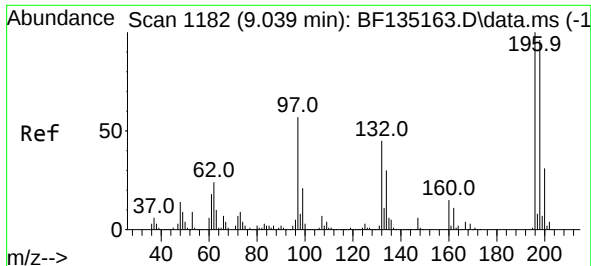
Tgt Ion:237	Resp:	281684
Ion Ratio	Lower	Upper
237	100	
235	65.1	41.8 81.8
272	13.2	0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 109.211 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:330	Resp:	345848
Ion Ratio	Lower	Upper
330	100	
332	97.7	77.3 115.9
141	34.6	25.8 38.8

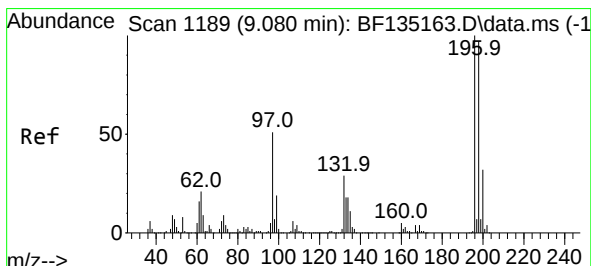
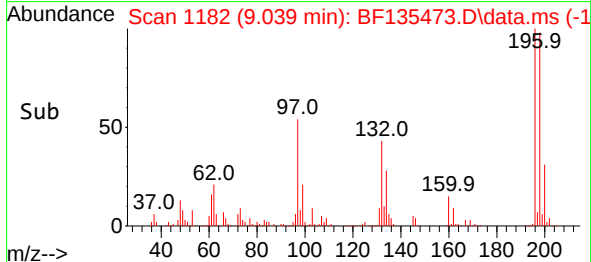
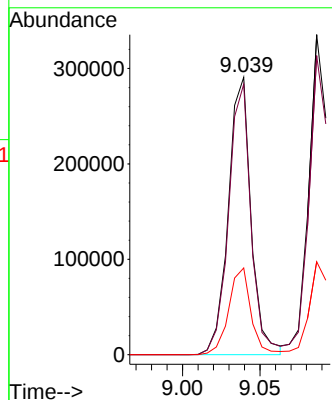
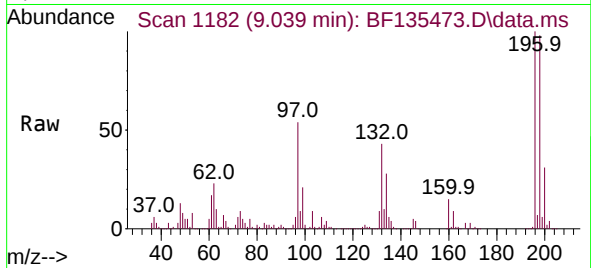




#43
2,4,6-Trichlorophenol
Concen: 49.176 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

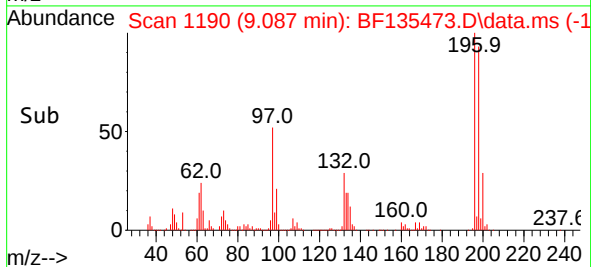
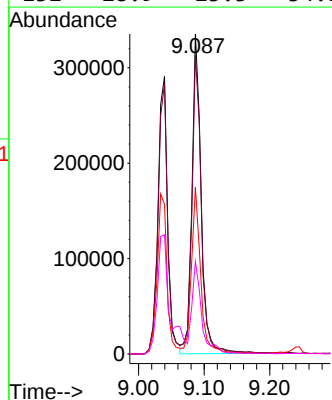
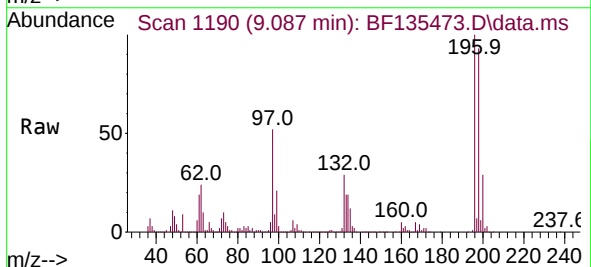
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

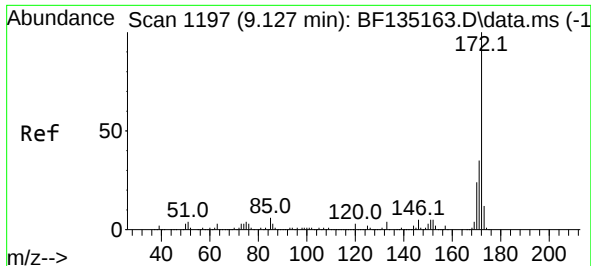
Tgt Ion:196 Resp: 297252
Ion Ratio Lower Upper
196 100
198 97.5 77.0 115.6
200 31.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 47.501 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:196 Resp: 330656
Ion Ratio Lower Upper
196 100
198 93.4 77.5 116.3
97 52.1 40.5 60.7
132 28.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 87.574 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

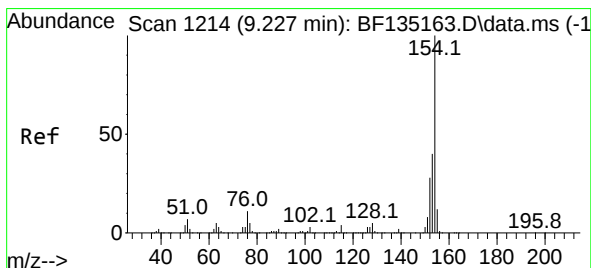
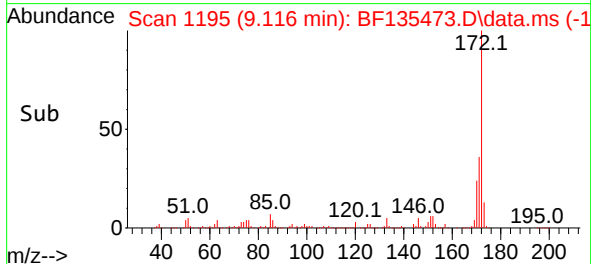
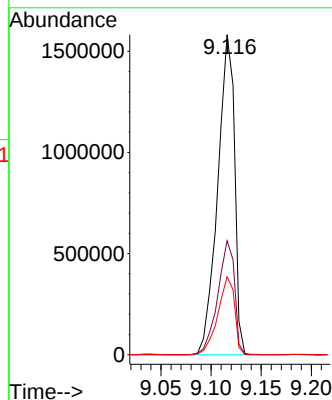
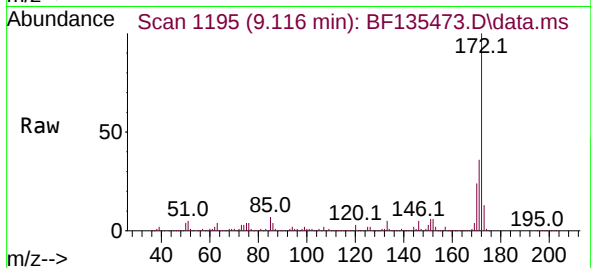
Tgt Ion:172 Resp: 1849708

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.808 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

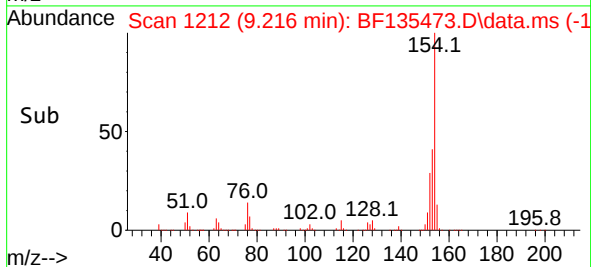
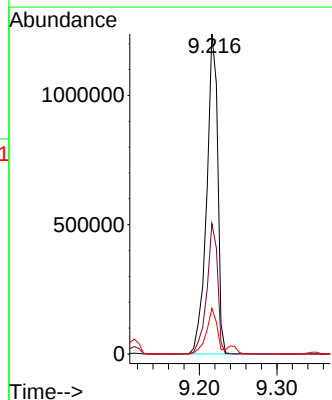
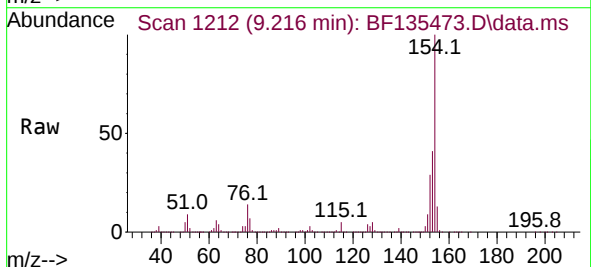
Tgt Ion:154 Resp: 1219760

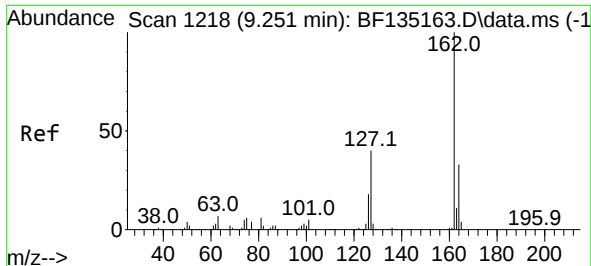
Ion Ratio Lower Upper

154 100

153 40.8 19.6 59.6

76 14.3 0.0 31.0

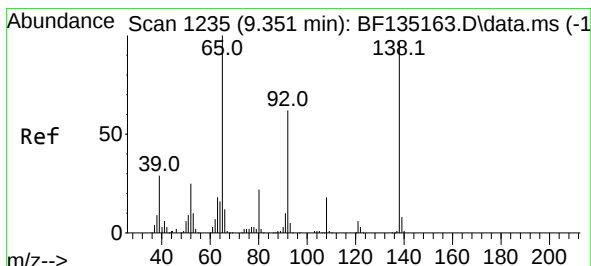
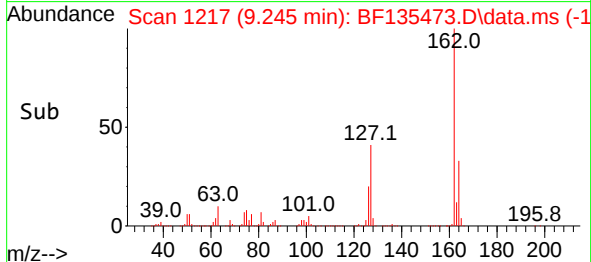
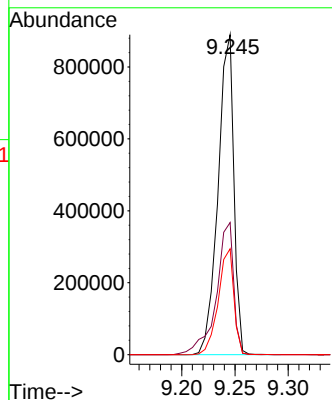
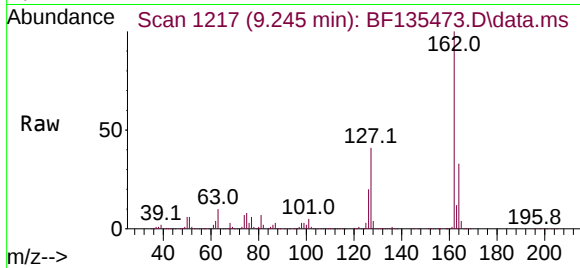




#47
2-Chloronaphthalene
Concen: 51.456 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

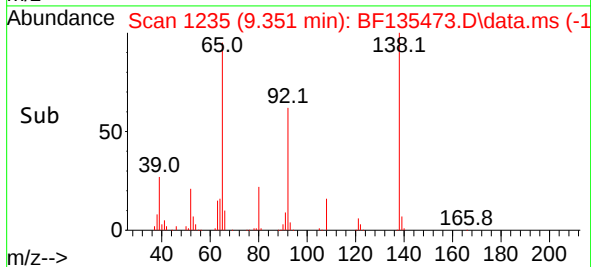
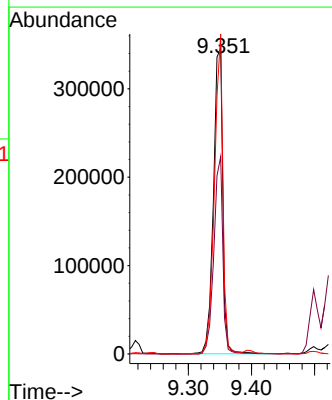
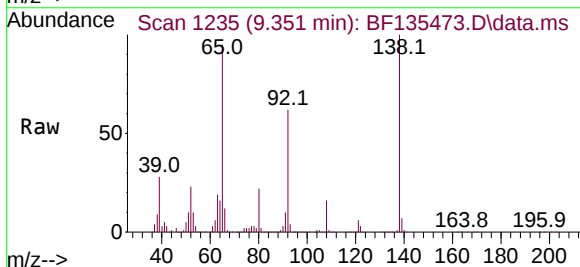
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

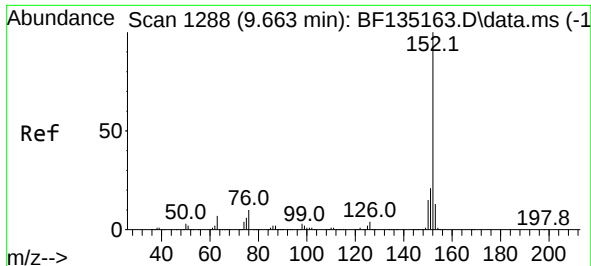
Tgt Ion:162 Resp: 914291
Ion Ratio Lower Upper
162 100
127 41.3 32.6 48.8
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 51.456 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion: 65 Resp: 355195
Ion Ratio Lower Upper
65 100
92 64.5 49.4 74.0
138 104.7 77.4 116.0





#49

Acenaphthylene

Concen: 49.038 ng

RT: 9.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

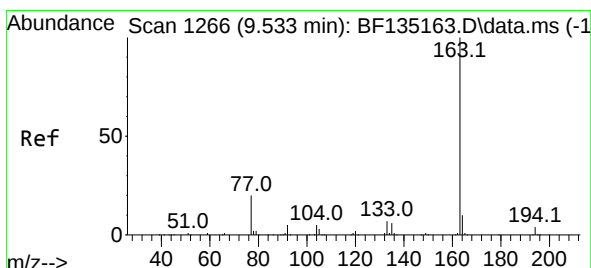
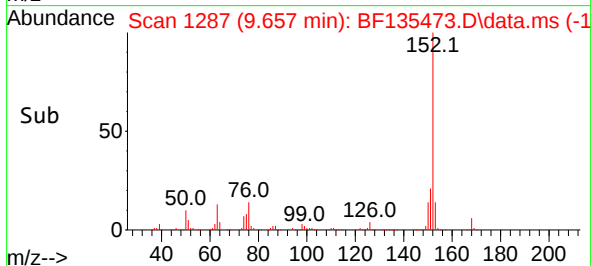
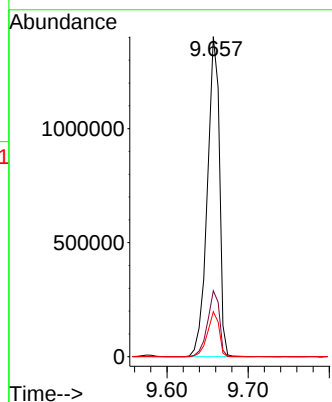
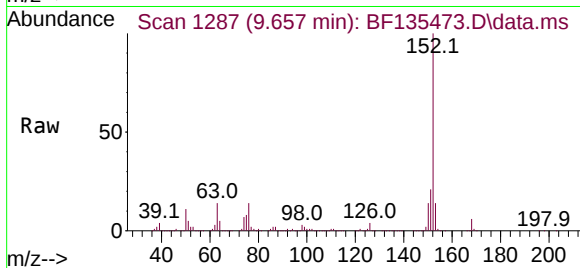
Tgt Ion:152 Resp: 1448081

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 14.1 10.4 15.6



#50

Dimethylphthalate

Concen: 49.602 ng

RT: 9.528 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

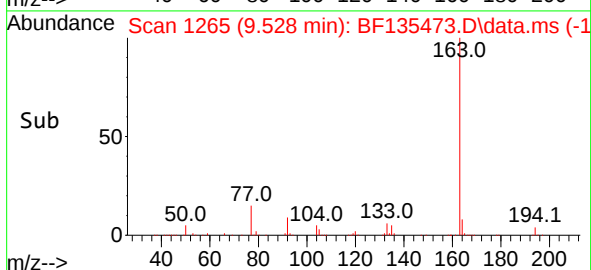
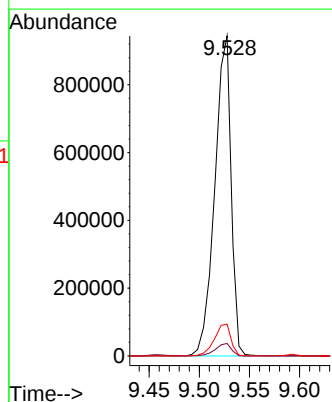
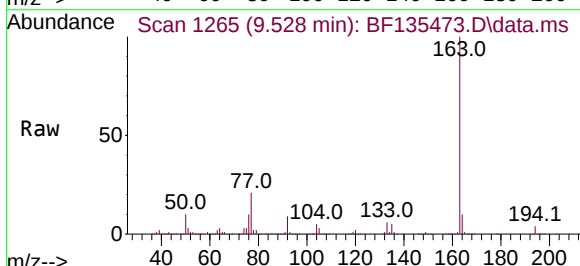
Tgt Ion:163 Resp: 1068678

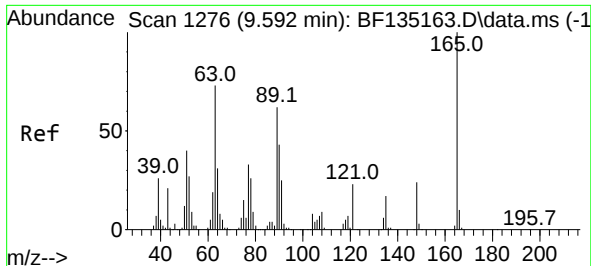
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.1 12.1

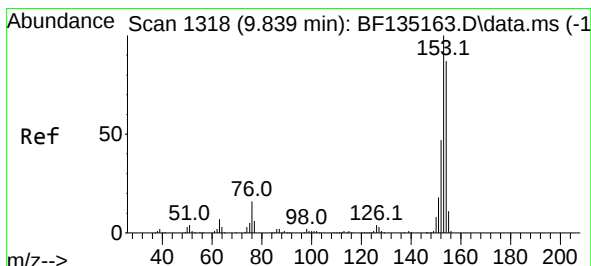
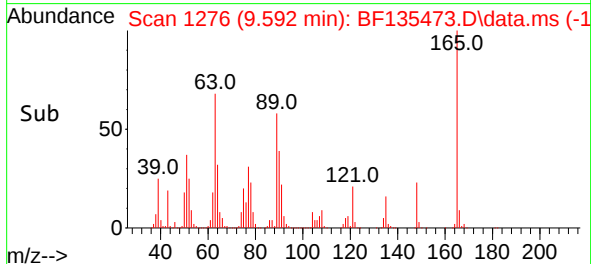
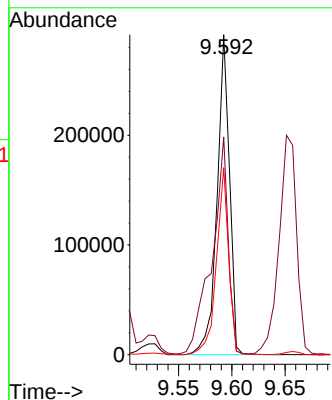
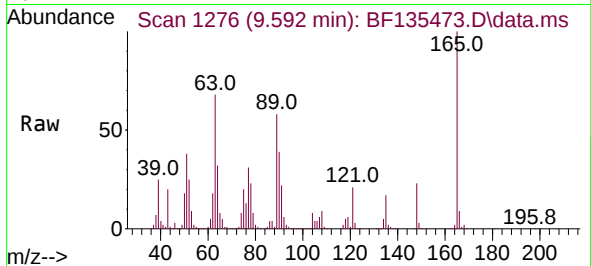




#51
2,6-Dinitrotoluene
Concen: 49.939 ng
RT: 9.592 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

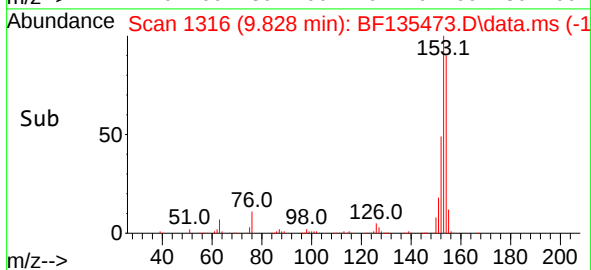
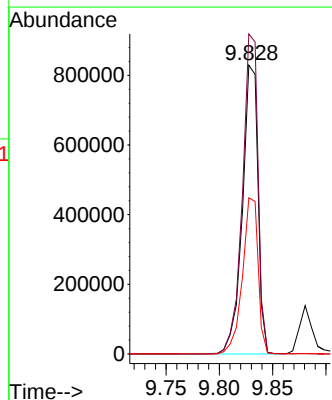
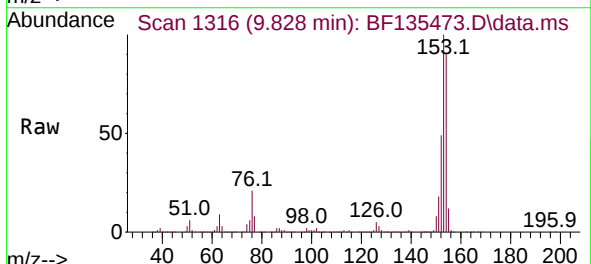
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

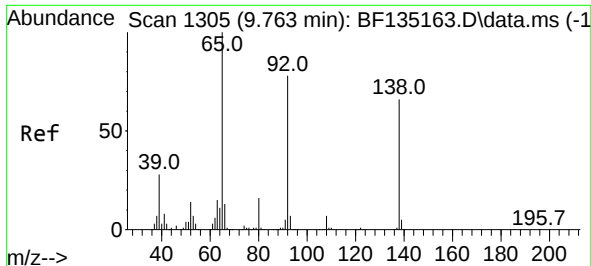
Tgt Ion:165 Resp: 235705
Ion Ratio Lower Upper
165 100
63 68.0 59.4 89.2
89 58.4 49.8 74.8



#52
Acenaphthene
Concen: 48.711 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:154 Resp: 849731
Ion Ratio Lower Upper
154 100
153 110.8 92.1 138.1
152 54.1 43.1 64.7

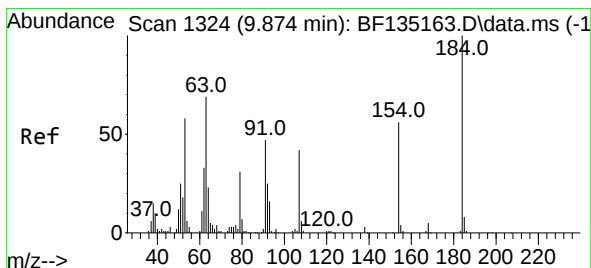
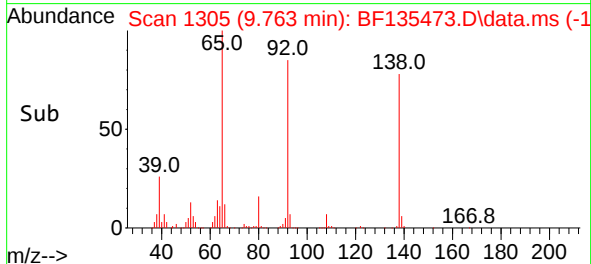
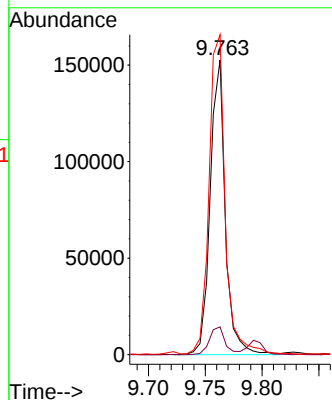
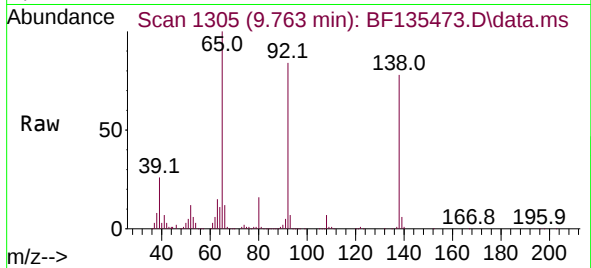




#53
3-Nitroaniline
Concen: 25.474 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

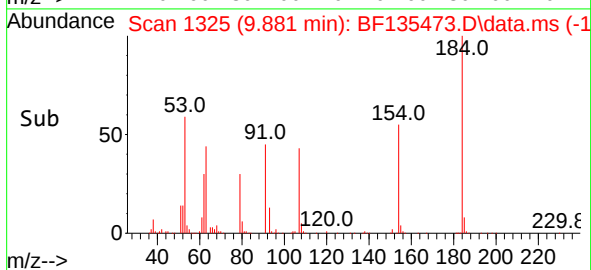
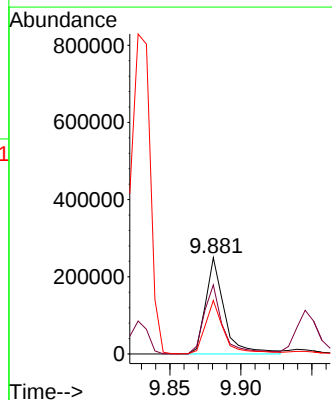
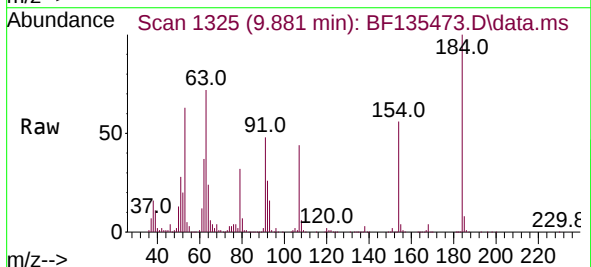
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

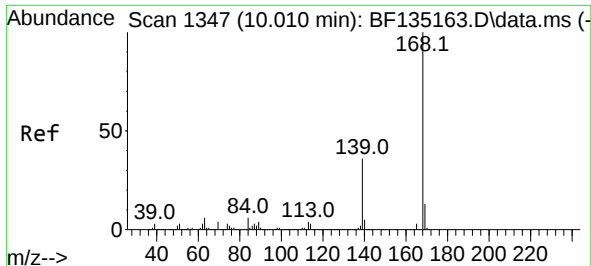
Tgt Ion:138 Resp: 141132
Ion Ratio Lower Upper
138 100
108 9.4 8.5 12.7
92 108.6 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 85.298 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:184 Resp: 229752
Ion Ratio Lower Upper
184 100
63 71.8 55.1 82.7
154 55.5 48.4 72.6

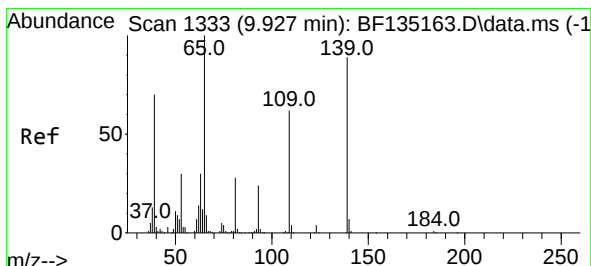
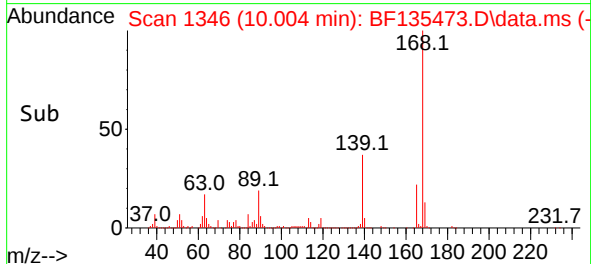
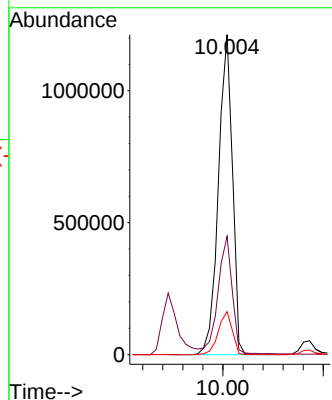
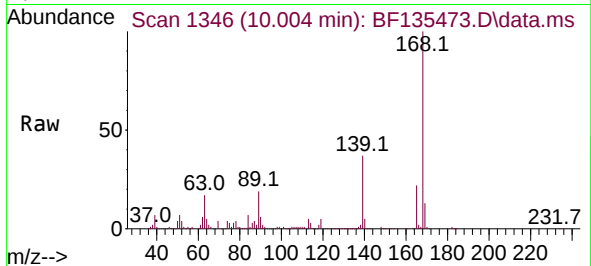




#55
Dibenzenofuran
Concen: 44.032 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

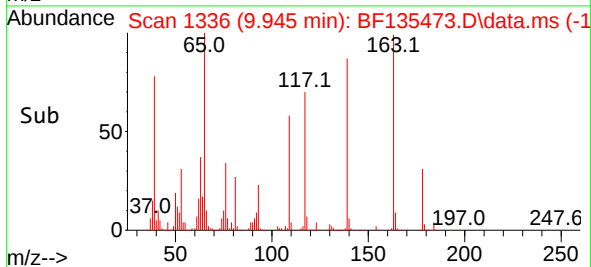
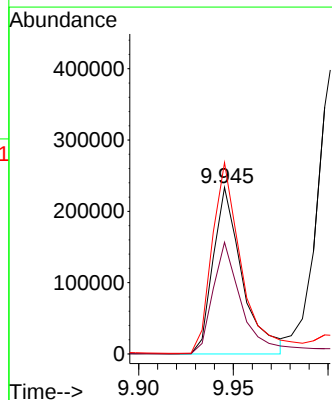
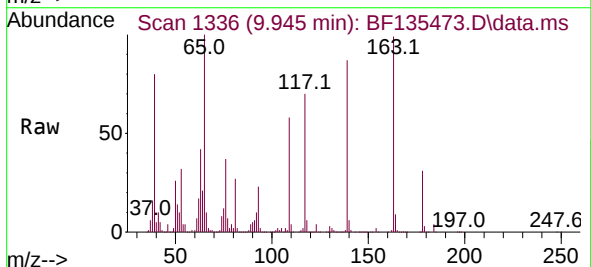
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

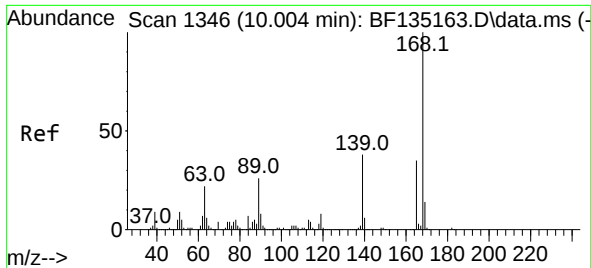
Tgt Ion:168 Resp: 1172136
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 71.087 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:139 Resp: 250307
Ion Ratio Lower Upper
139 100
109 67.1 49.8 89.8
65 115.0 92.7 132.7

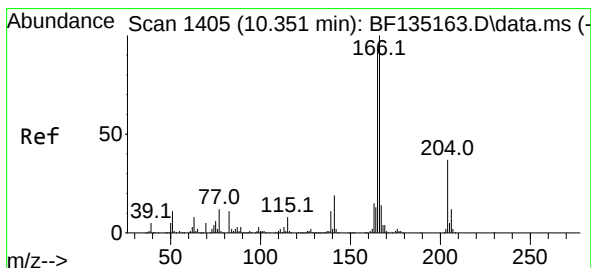
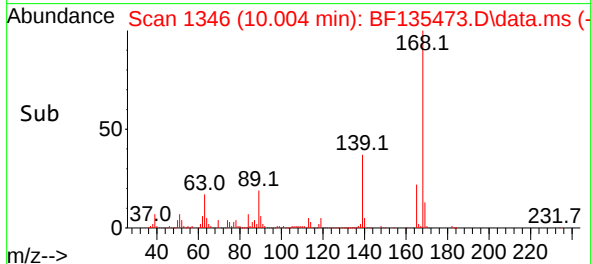
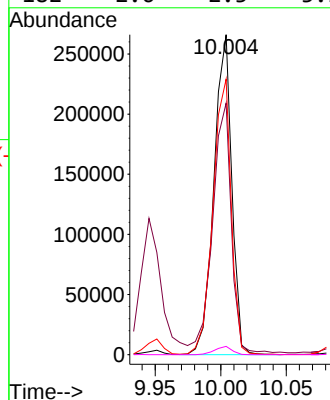
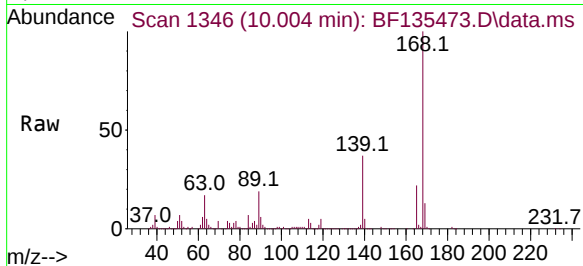




#57
2,4-Dinitrotoluene
Concen: 42.690 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

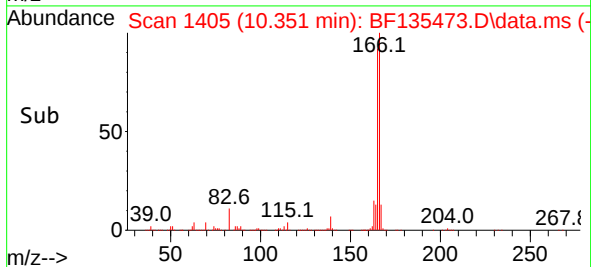
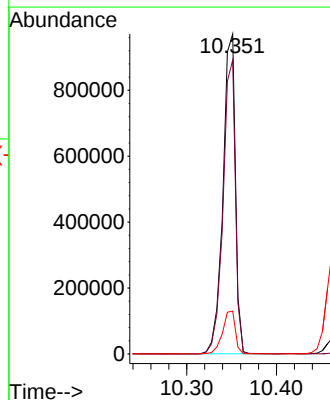
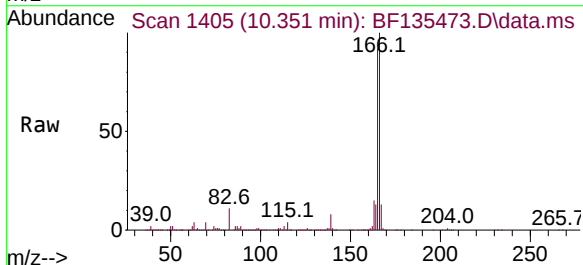
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

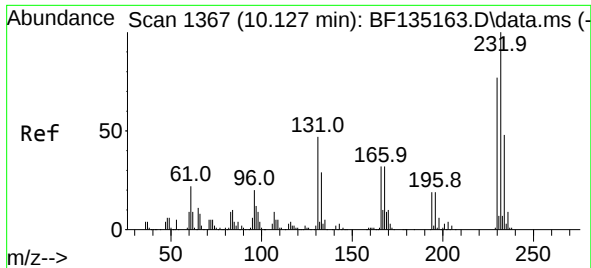
Tgt Ion:165 Resp: 252245
Ion Ratio Lower Upper
165 100
63 78.6 50.1 75.1#
89 86.1 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 45.644 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:166 Resp: 934081
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 13.4 10.9 16.3

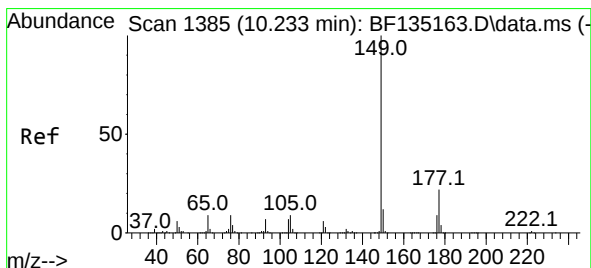
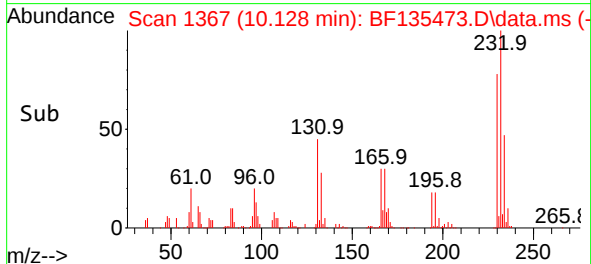
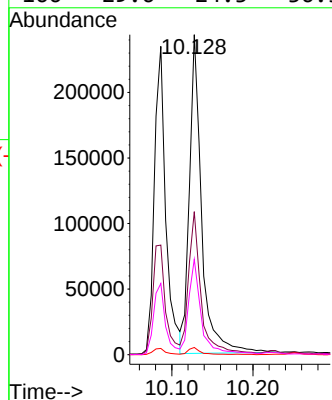
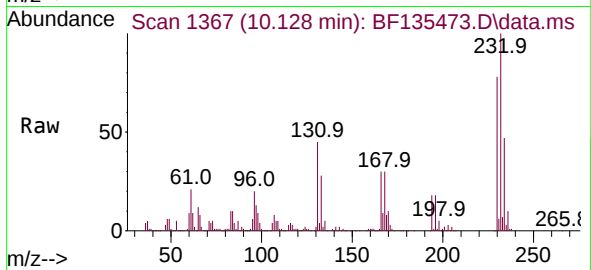




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.381 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

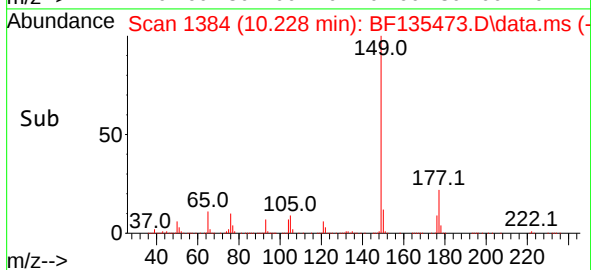
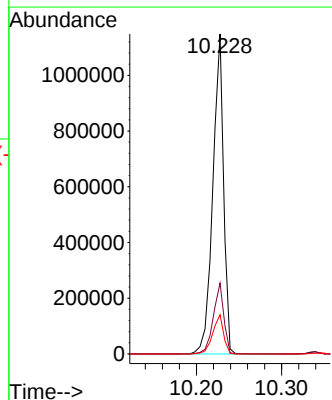
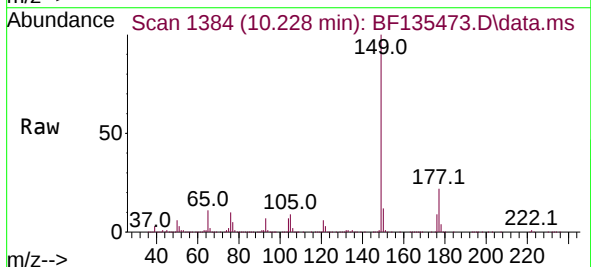
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

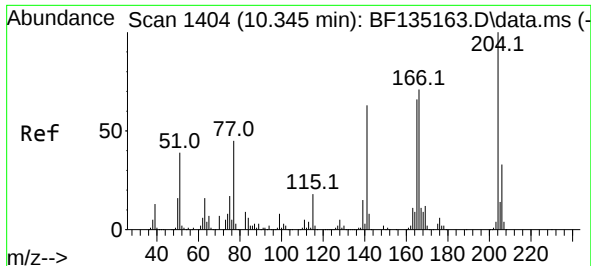
Tgt Ion:232 Resp: 253713
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.3 1.8 2.8
166 29.6 24.3 36.5



#60
Diethylphthalate
Concen: 46.619 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:149 Resp: 1008022
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.2 10.0 15.0

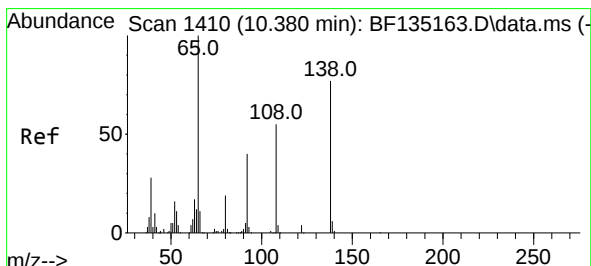
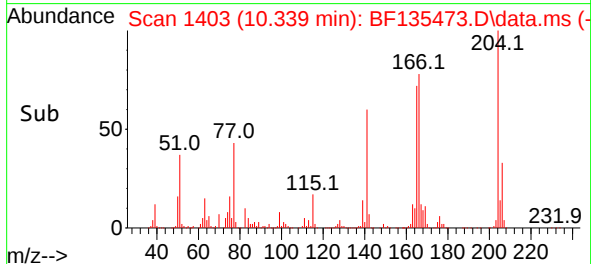
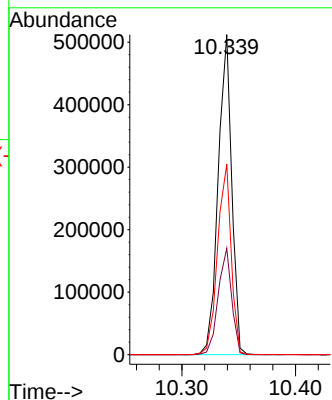
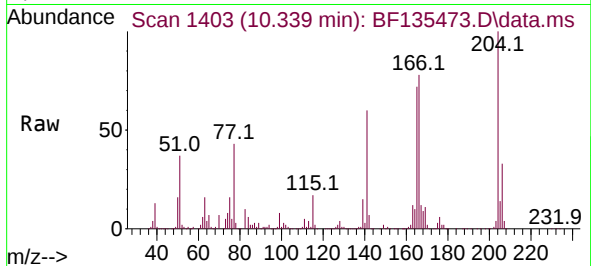




#61
4-Chlorophenyl-phenylether
Concen: 43.266 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

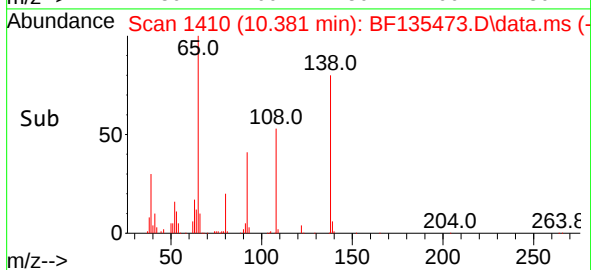
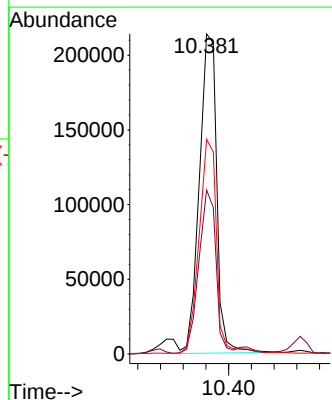
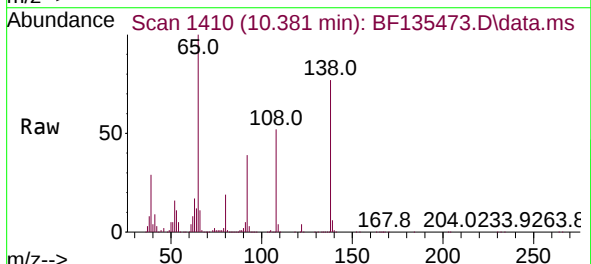
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

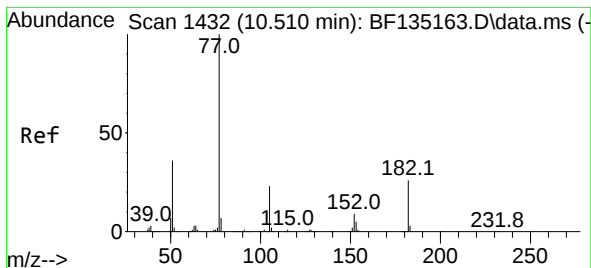
Tgt Ion:204 Resp: 425325
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 59.6 50.6 75.8



#62
4-Nitroaniline
Concen: 42.687 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:138 Resp: 227335
Ion Ratio Lower Upper
138 100
92 51.2 31.8 71.8
108 67.1 52.0 92.0





#63

Azobenzene

Concen: 49.686 ng

RT: 10.504 min Scan# 1432

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion: 77 Resp: 1051439

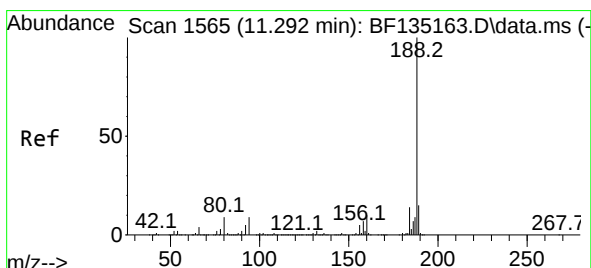
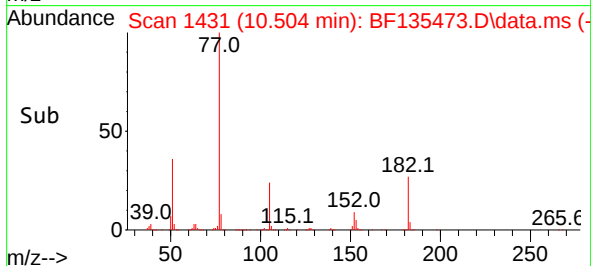
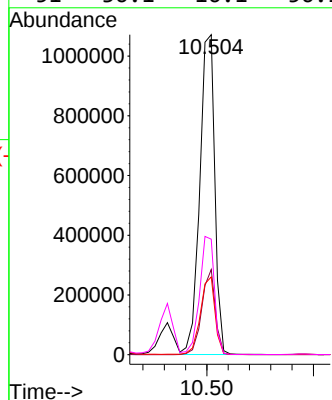
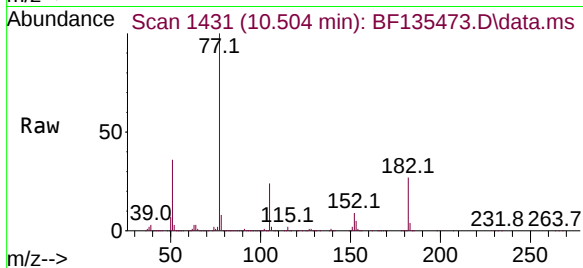
Ion Ratio Lower Upper

77 100

182 26.6 6.4 46.4

105 24.3 3.1 43.1

51 36.1 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

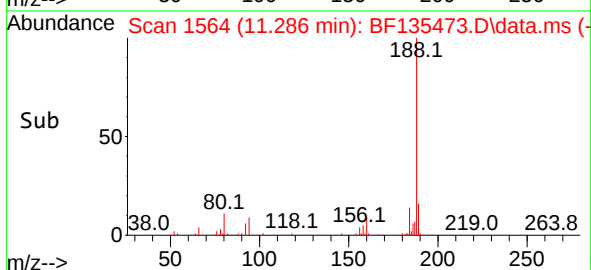
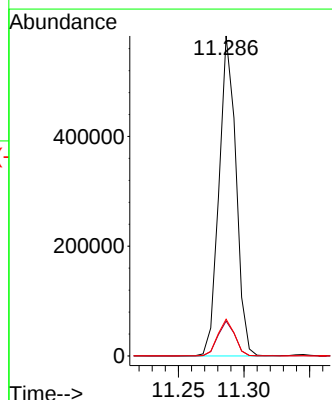
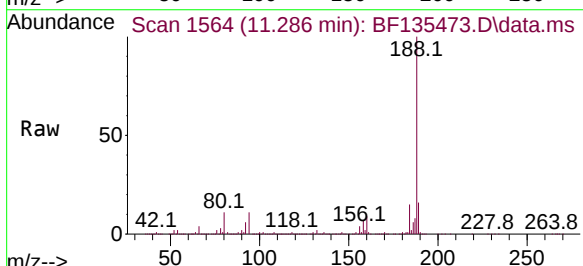
Tgt Ion: 188 Resp: 523998

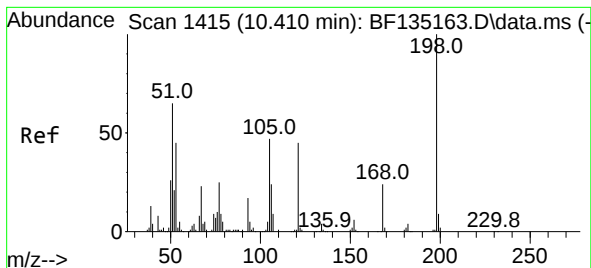
Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.5 7.5 11.3#

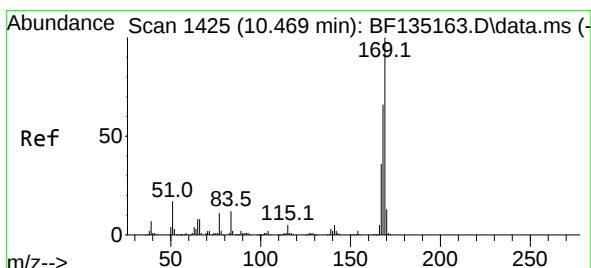
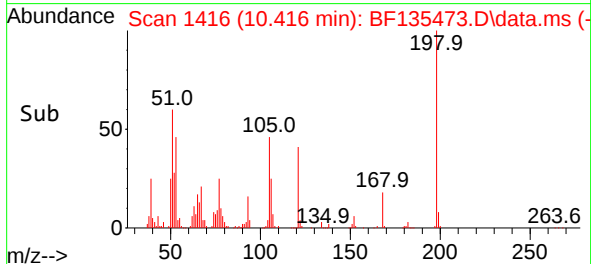
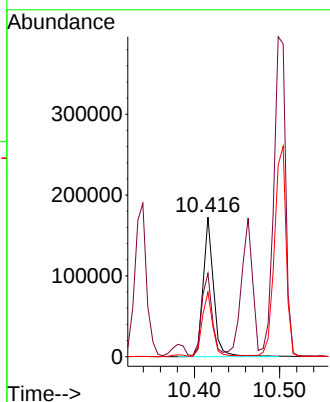
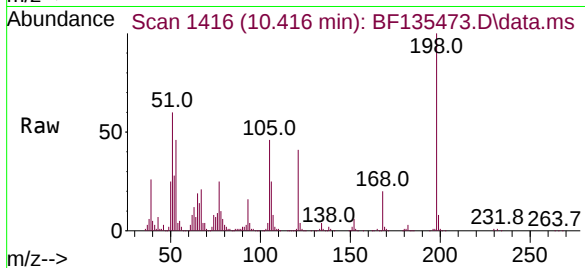




#65
4,6-Dinitro-2-methylphenol
Concen: 52.410 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

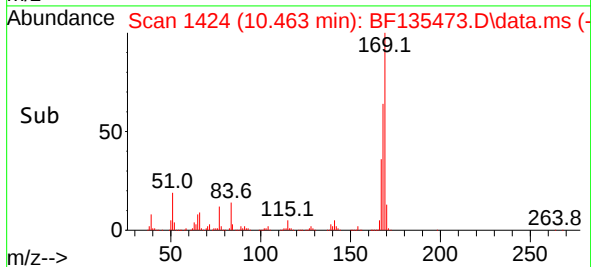
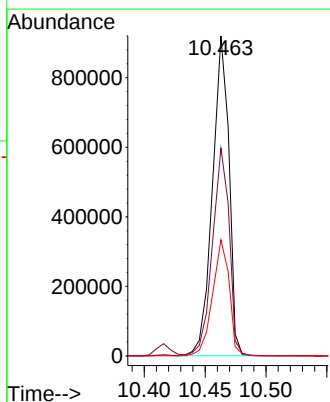
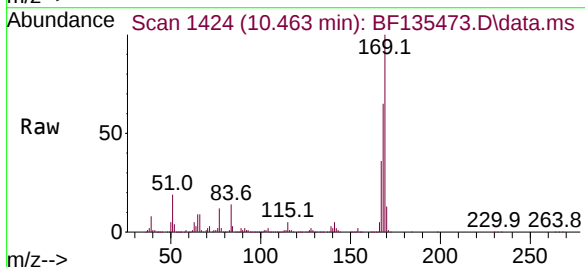
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

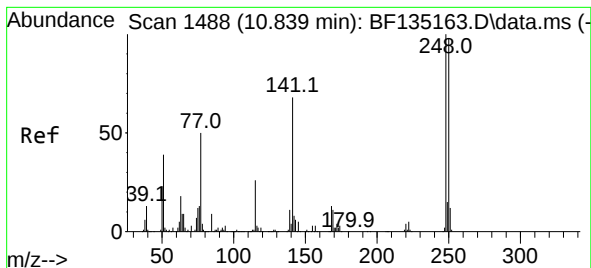
Tgt Ion:198 Resp: 145862
Ion Ratio Lower Upper
198 100
51 59.8 47.7 87.7
105 46.2 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 54.538 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:169 Resp: 865191
Ion Ratio Lower Upper
169 100
168 64.9 52.8 79.2
167 36.3 29.0 43.6

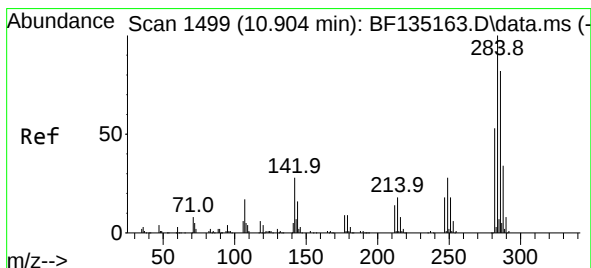
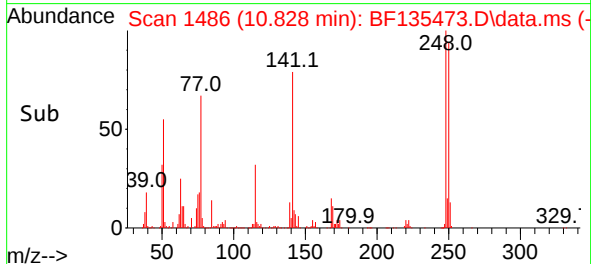
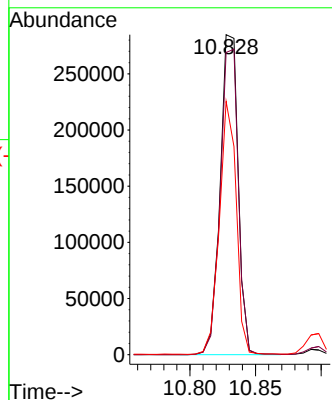
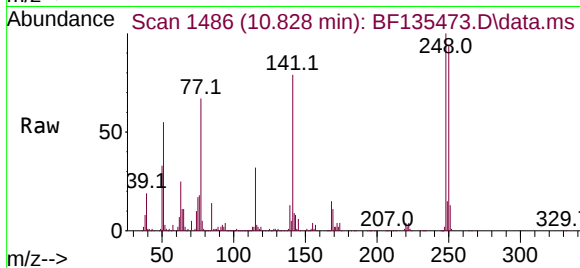




#67
4-Bromophenyl-phenylether
Concen: 52.168 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

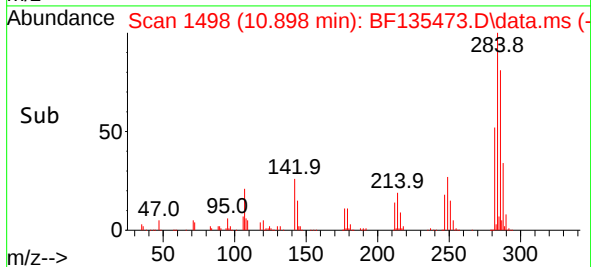
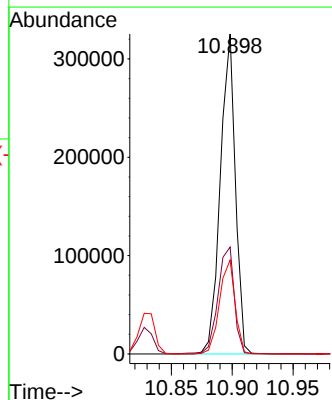
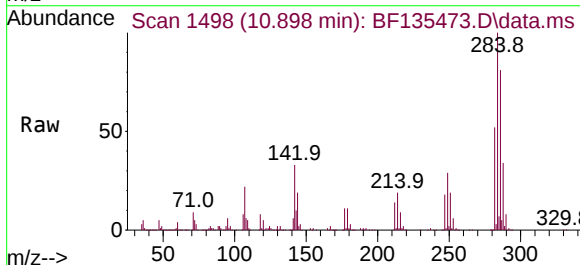
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

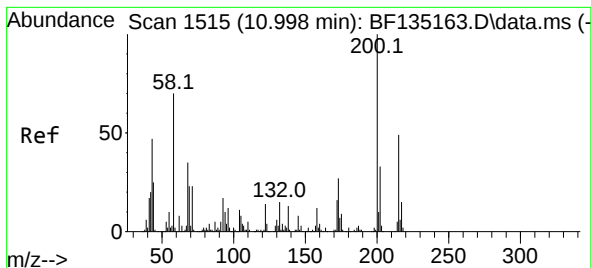
Tgt Ion:248 Resp: 271874
Ion Ratio Lower Upper
248 100
250 94.5 78.6 117.8
141 79.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 52.835 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:284 Resp: 280523
Ion Ratio Lower Upper
284 100
142 33.4 22.2 33.4#
249 29.4 22.5 33.7





#69

Atrazine

Concen: 57.584 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

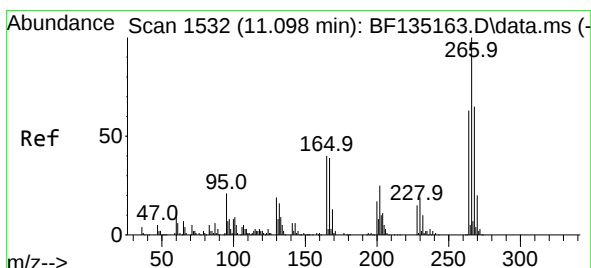
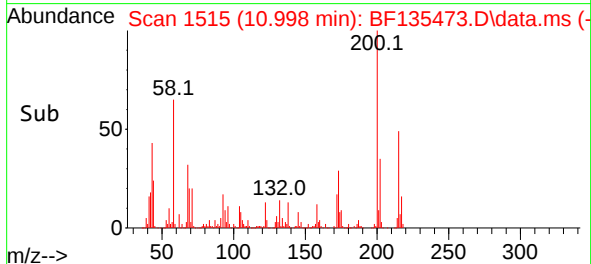
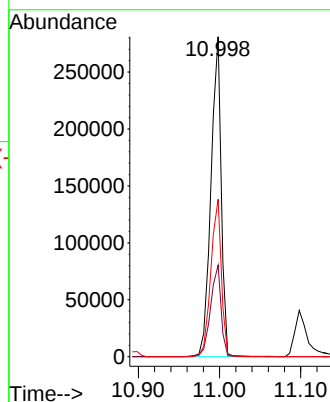
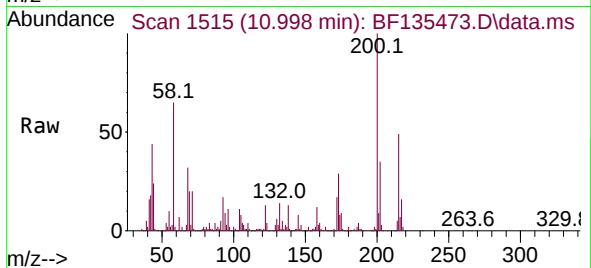
Tgt Ion:200 Resp: 245799

Ion Ratio Lower Upper

200 100

173 28.6 7.4 47.4

215 49.2 28.6 68.6



#70

Pentachlorophenol

Concen: 82.803 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

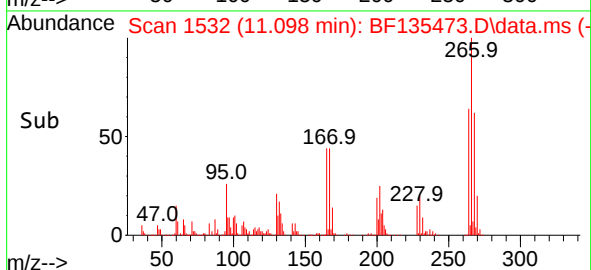
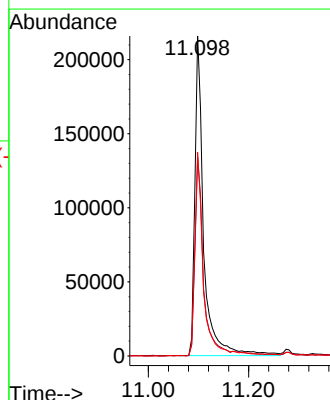
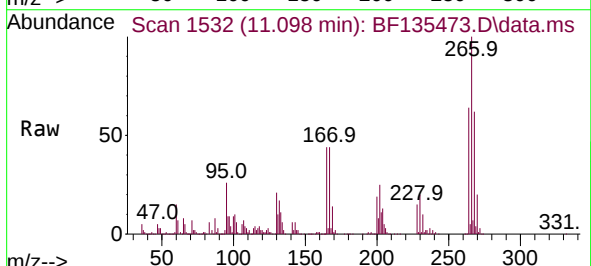
Tgt Ion:266 Resp: 263030

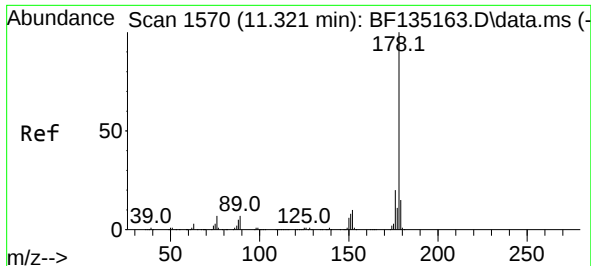
Ion Ratio Lower Upper

266 100

268 62.1 52.1 78.1

264 63.6 50.8 76.2

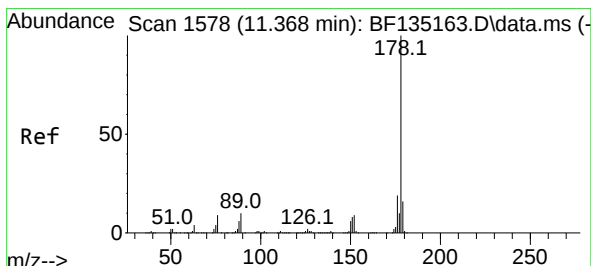
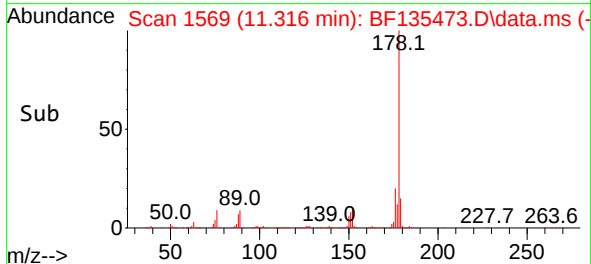
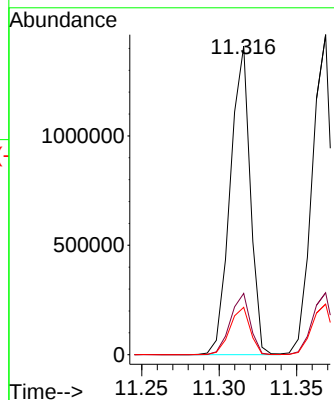
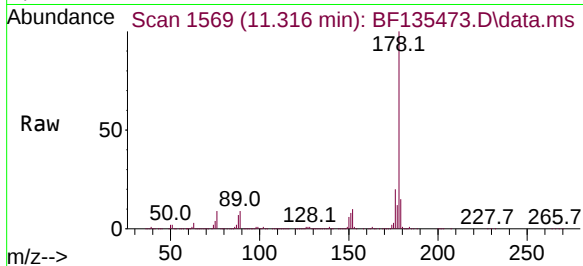




#71
Phenanthrene
Concen: 51.117 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

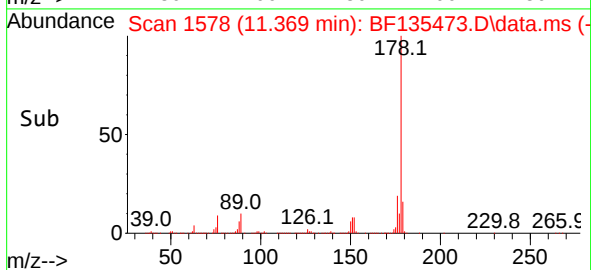
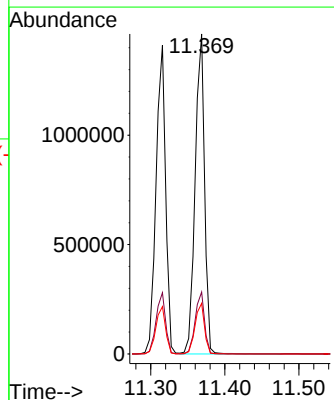
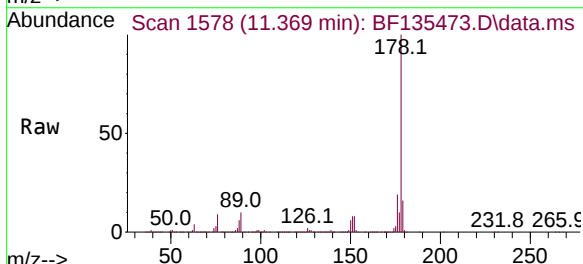
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

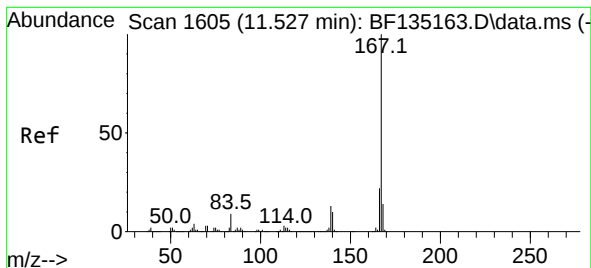
Tgt Ion:178 Resp: 1266823
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.4 12.0 18.0



#72
Anthracene
Concen: 50.608 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:178 Resp: 1289192
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.8 12.6 19.0





#73

Carbazole

Concen: 50.585 ng

RT: 11.528 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

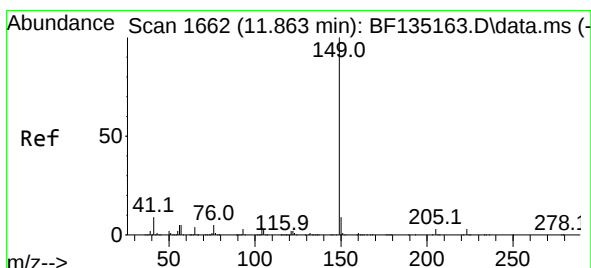
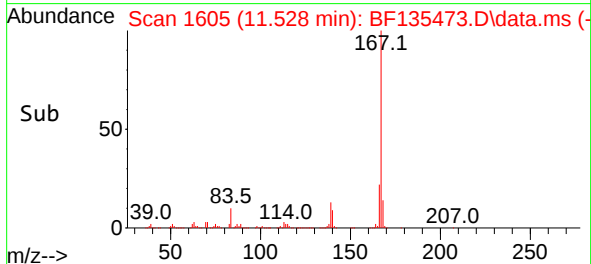
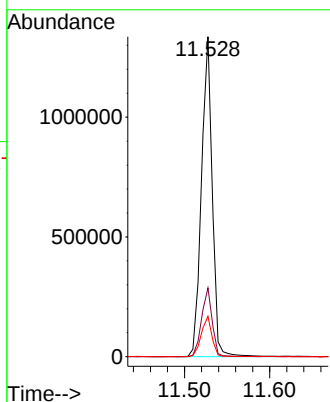
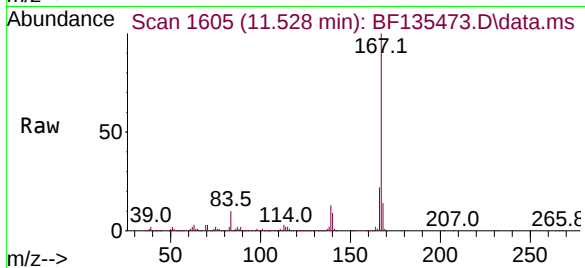
Tgt Ion:167 Resp: 1173049

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.6 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.297 ng

RT: 11.857 min Scan# 1661

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

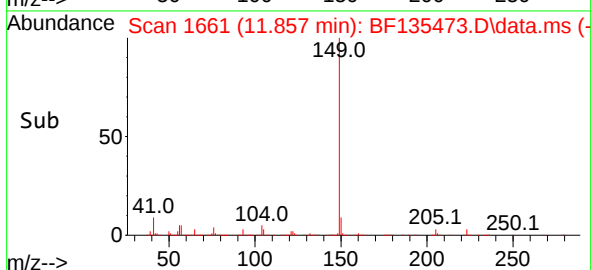
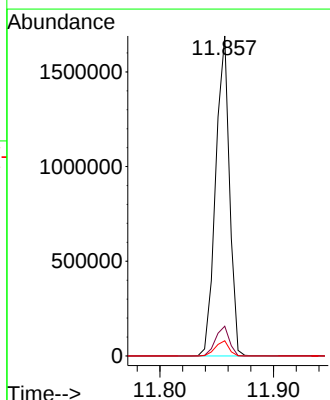
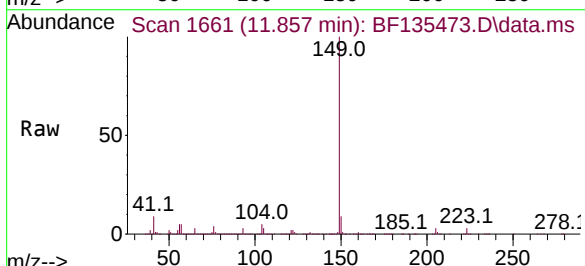
Tgt Ion:149 Resp: 1429051

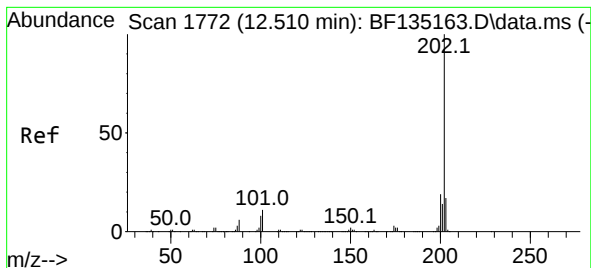
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 46.155 ng

RT: 12.510 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

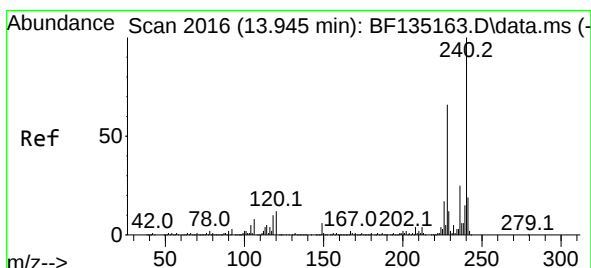
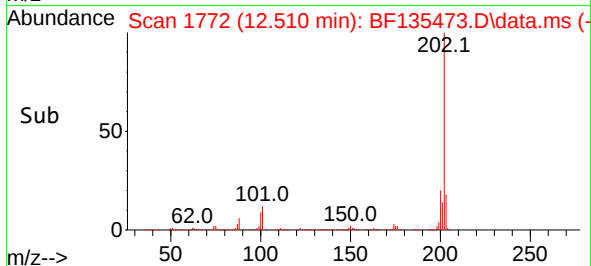
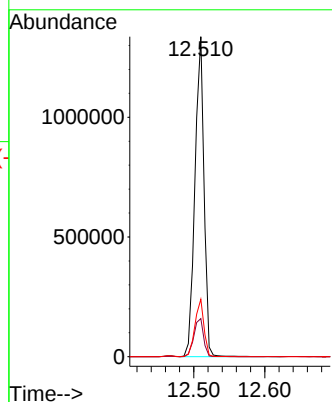
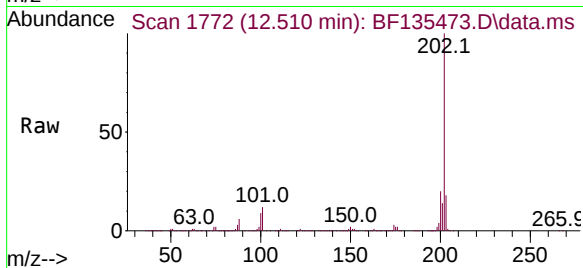
Tgt Ion:202 Resp: 1191890

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.3

203 18.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

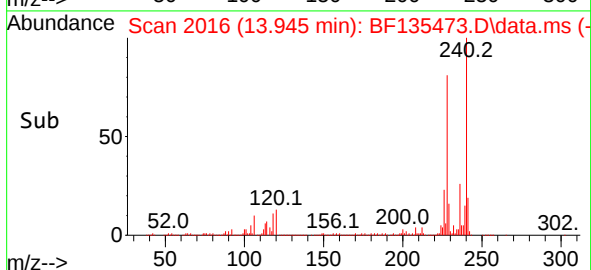
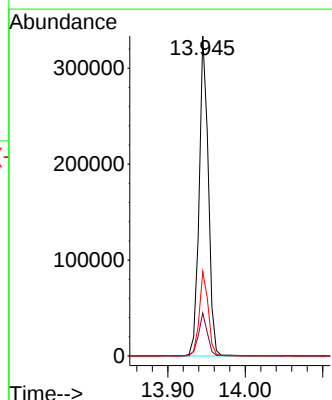
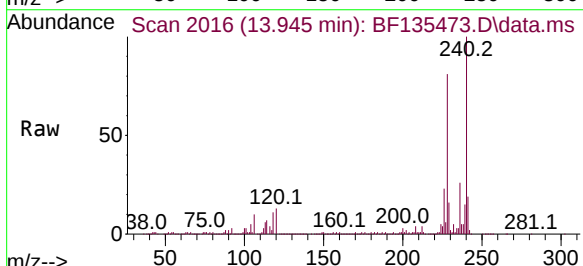
Tgt Ion:240 Resp: 273196

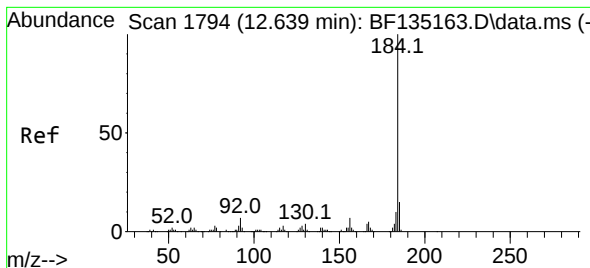
Ion Ratio Lower Upper

240 100

120 13.5 9.4 14.2

236 26.4 19.8 29.8





#77

Benzidine

Concen: 28.903 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

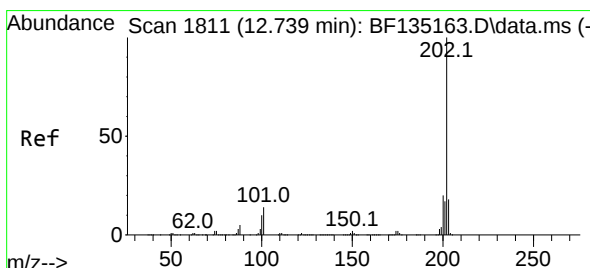
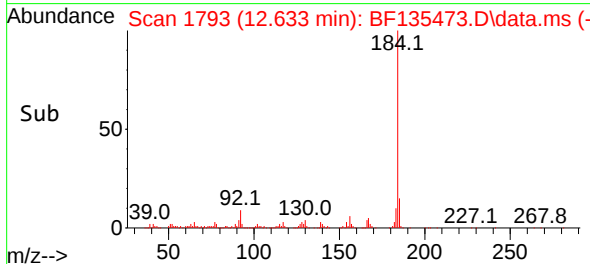
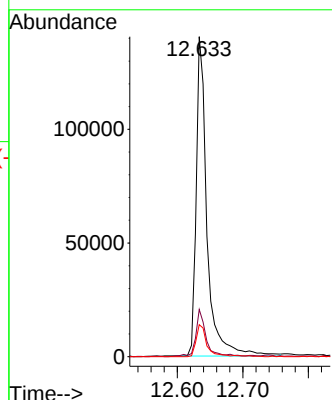
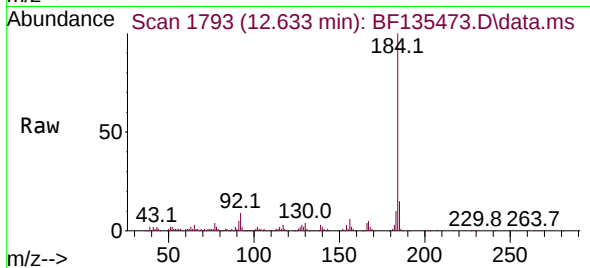
Tgt Ion:184 Resp: 161768

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

183 10.0 8.2 12.4



#78

Pyrene

Concen: 45.799 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

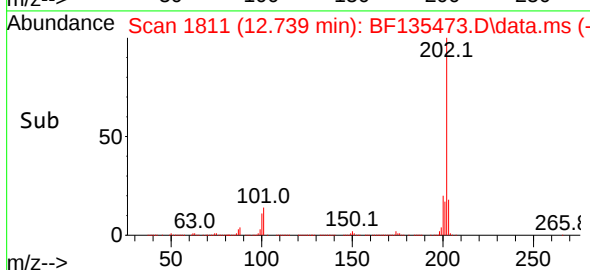
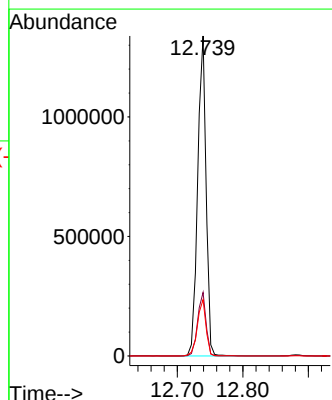
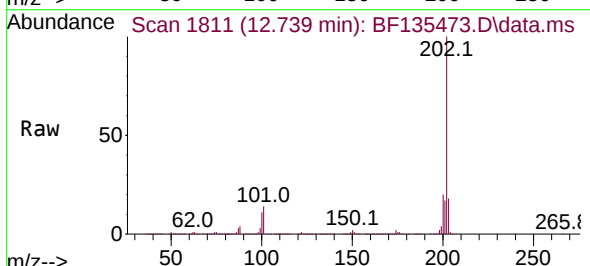
Tgt Ion:202 Resp: 1191239

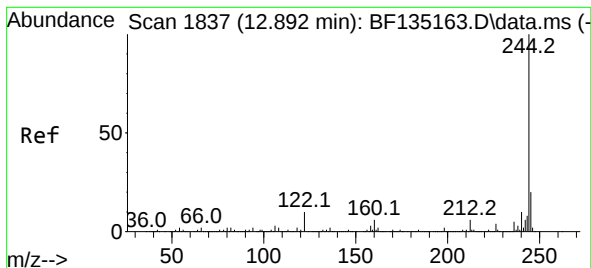
Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 79.592 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

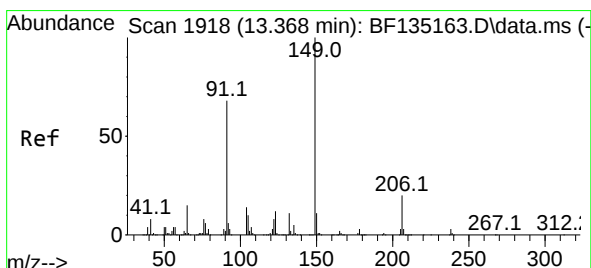
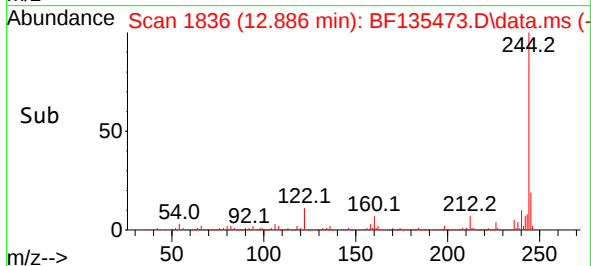
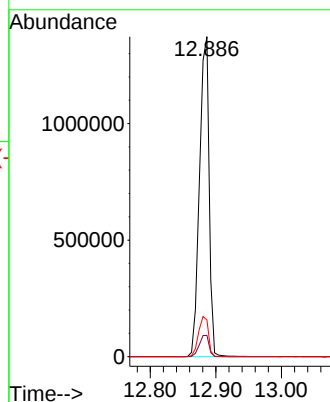
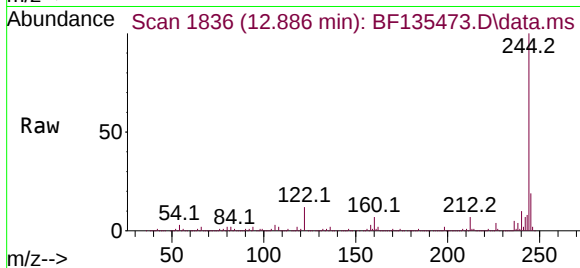
Tgt Ion:244 Resp: 1402675

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 53.681 ng

RT: 13.363 min Scan# 1917

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

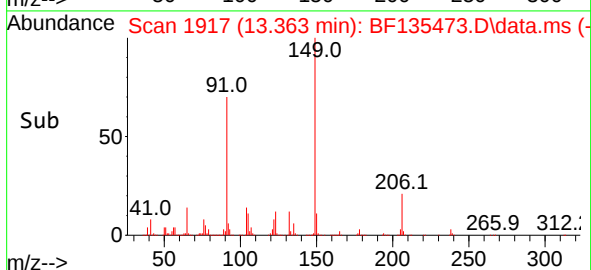
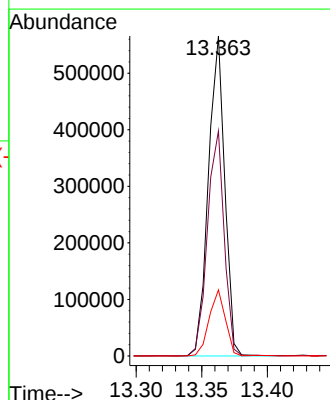
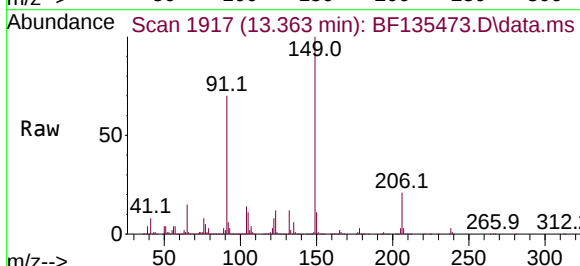
Tgt Ion:149 Resp: 491600

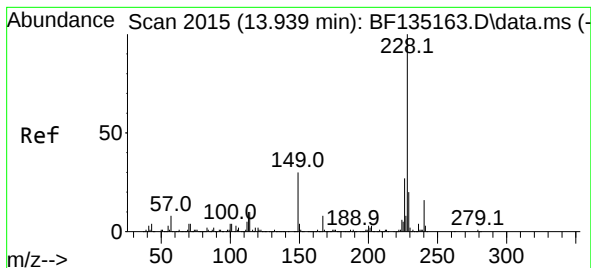
Ion Ratio Lower Upper

149 100

91 70.3 54.7 82.1

206 20.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 52.162 ng

RT: 13.933 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

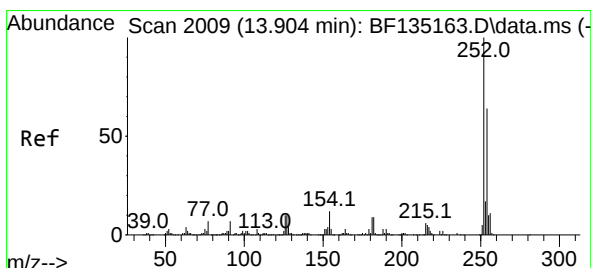
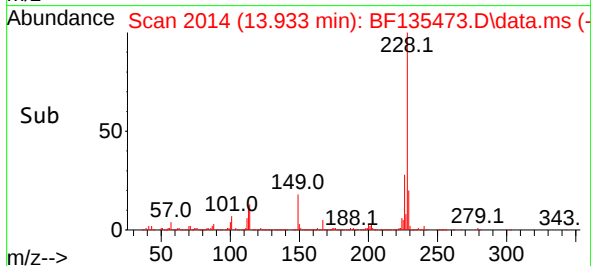
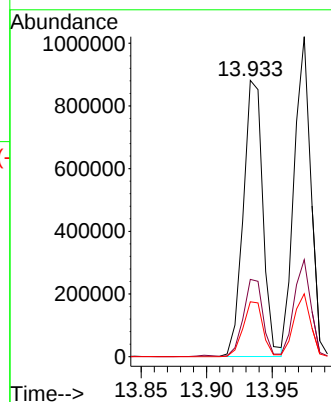
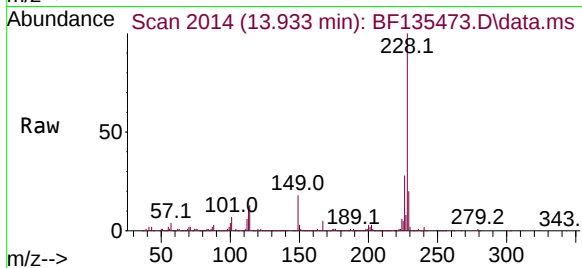
Tgt Ion:228 Resp: 920190

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.637 ng

RT: 13.898 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

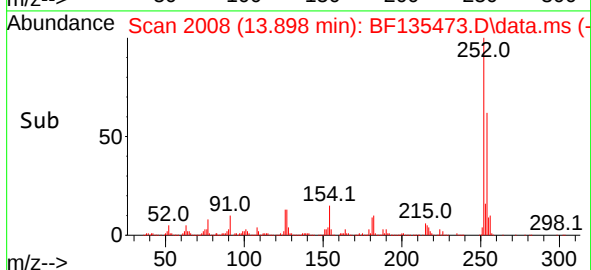
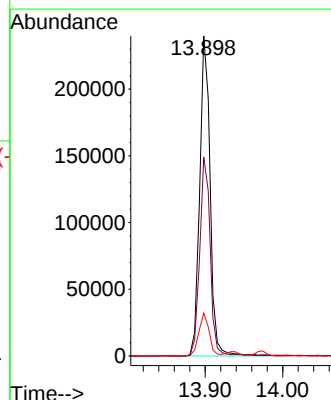
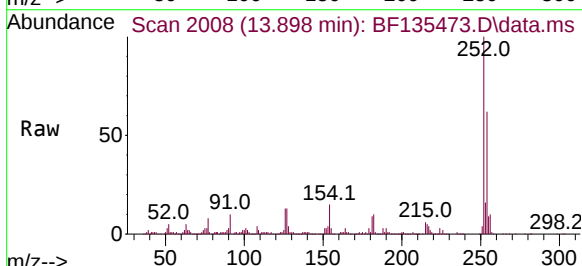
Tgt Ion:252 Resp: 223917

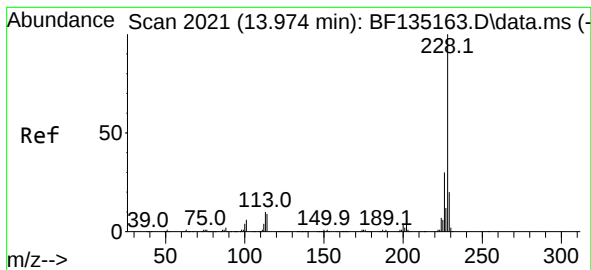
Ion Ratio Lower Upper

252 100

254 62.2 51.0 76.4

126 13.4 7.8 11.8#





#83

Chrysene

Concen: 51.669 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

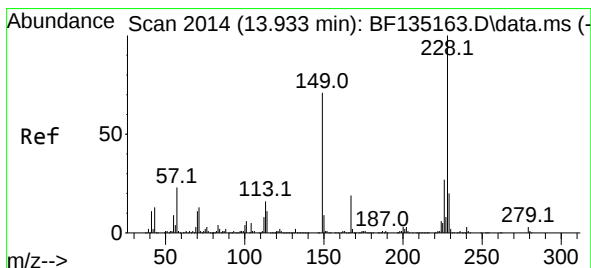
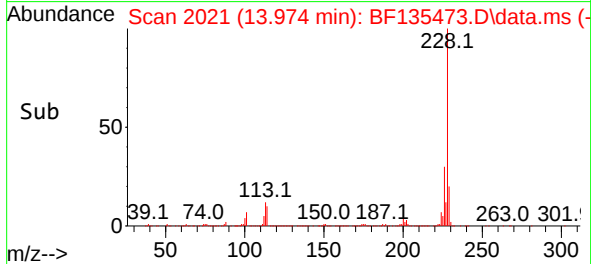
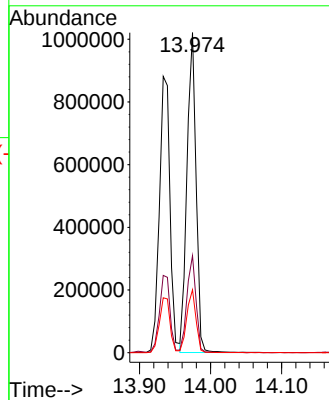
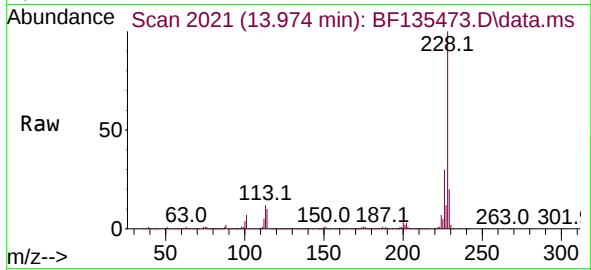
Tgt Ion:228 Resp: 906236

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.938 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

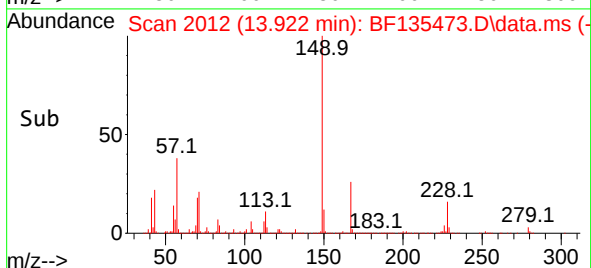
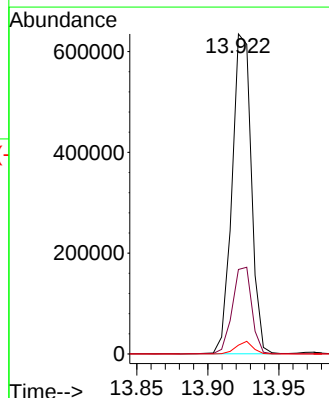
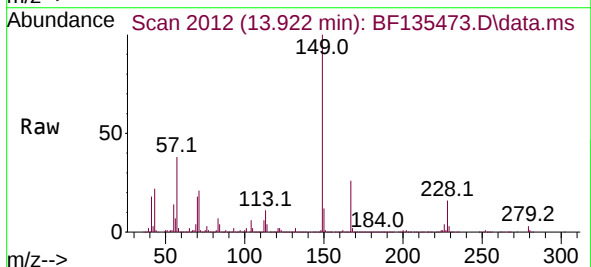
Tgt Ion:149 Resp: 600860

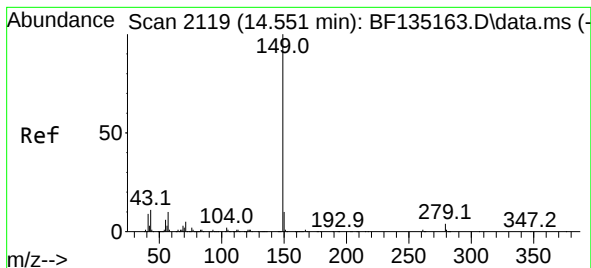
Ion Ratio Lower Upper

149 100

167 26.4 21.9 32.9

279 2.8 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 74.991 ng

RT: 14.545 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

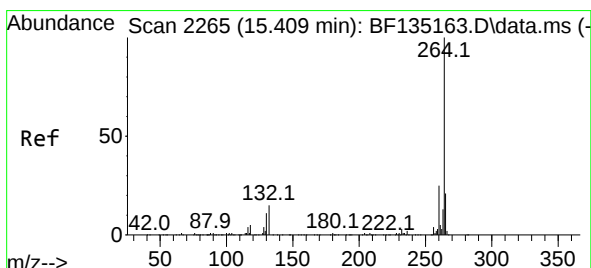
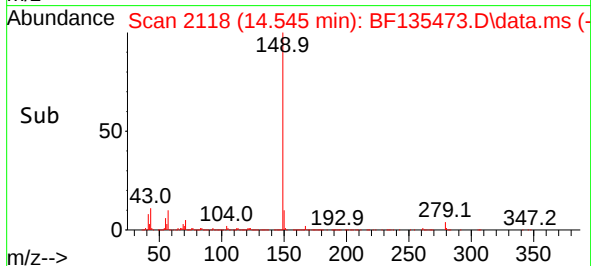
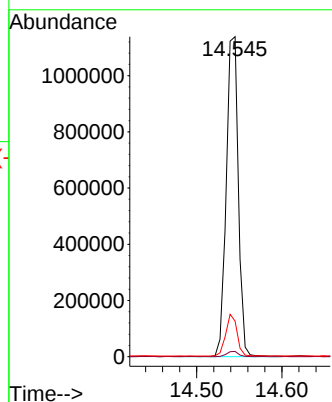
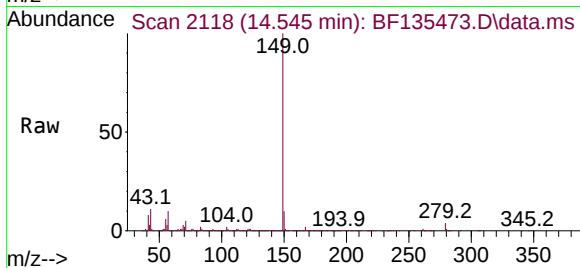
Tgt Ion:149 Resp: 1119958

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.1 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.012 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

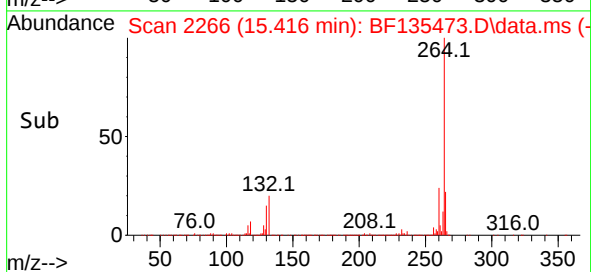
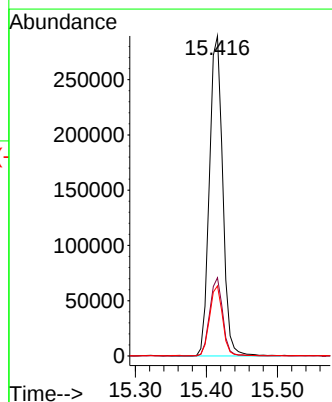
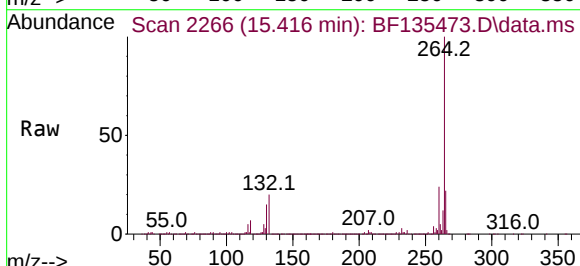
Tgt Ion:264 Resp: 377078

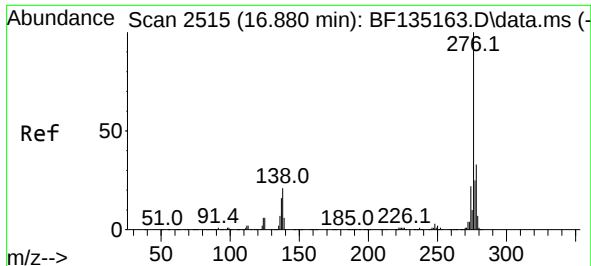
Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.9 17.0 25.4

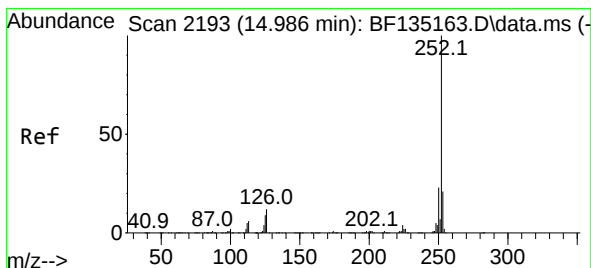
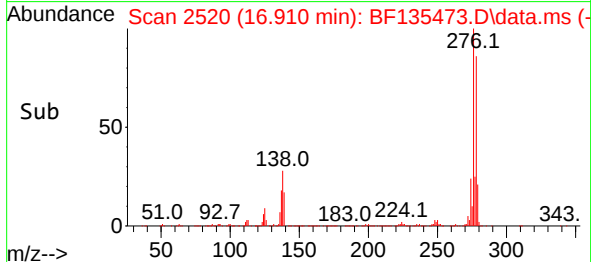
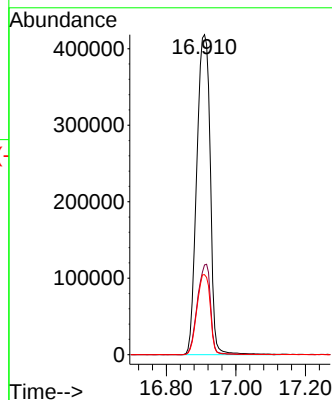
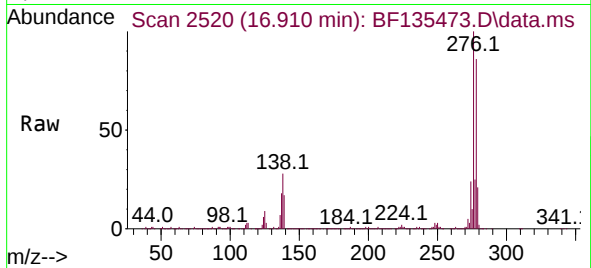




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.459 ng
 RT: 16.910 min Scan# 2199
 Delta R.T. 0.024 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

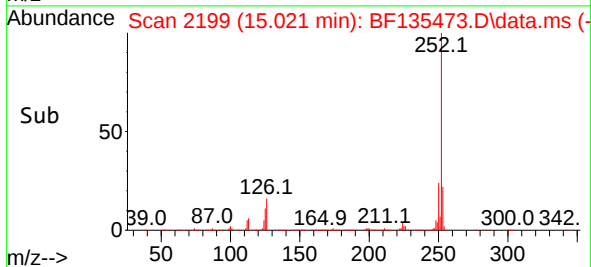
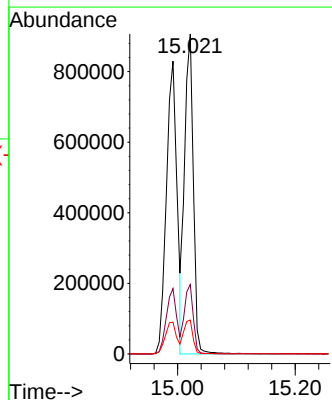
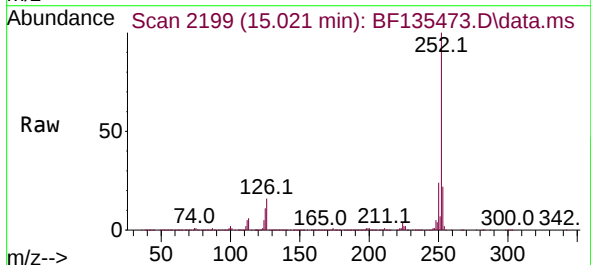
Instrument :
 BNA_F
 ClientSampleId :
 TP-BCDMS

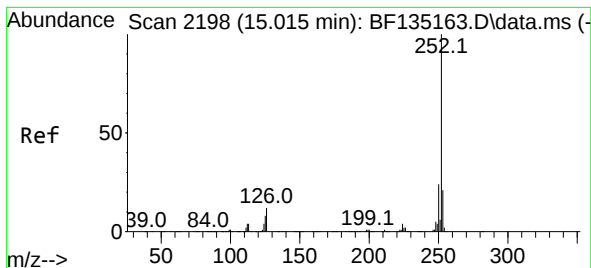
Tgt Ion:276 Resp: 1123915
 Ion Ratio Lower Upper
 276 100
 138 27.5 19.2 28.8
 277 24.8 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 46.093 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.041 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

Tgt Ion:252 Resp: 940883
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 10.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.662 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

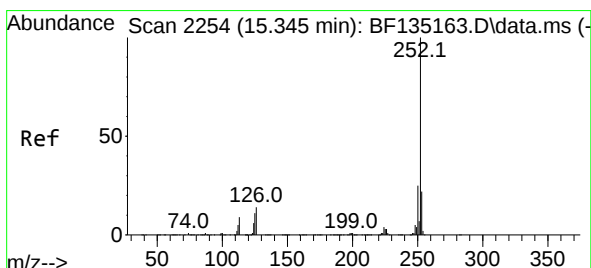
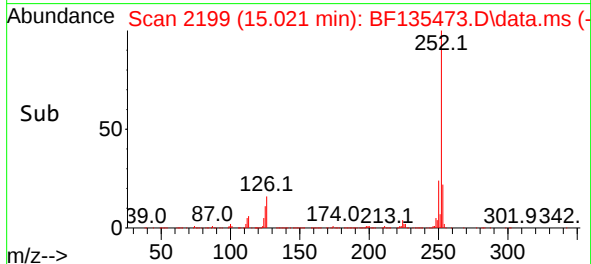
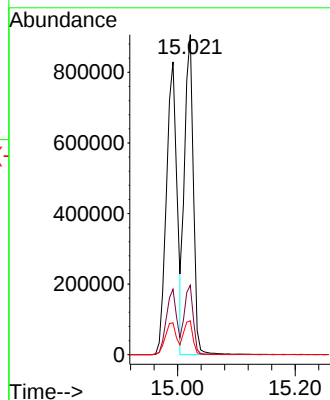
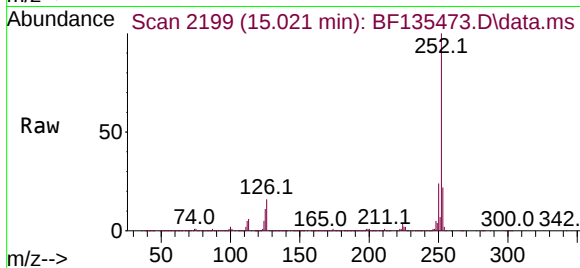
Tgt Ion:252 Resp: 940883

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 48.557 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

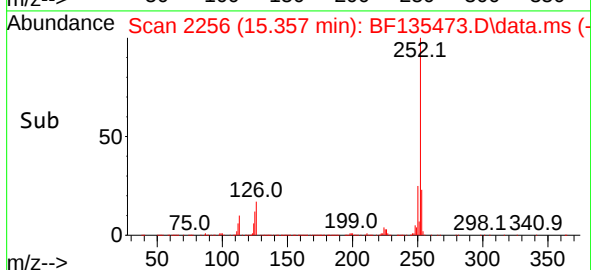
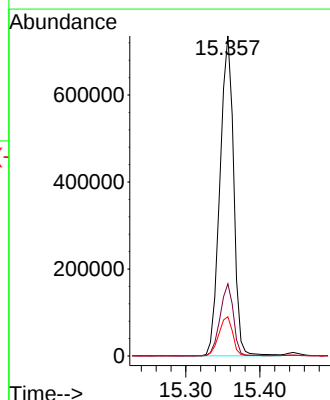
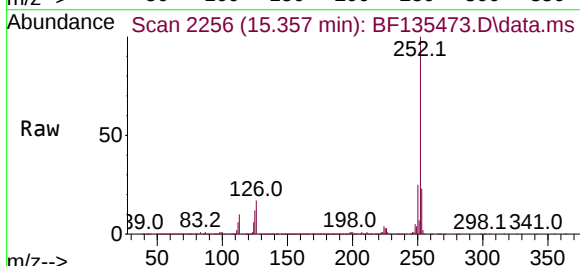
Tgt Ion:252 Resp: 945214

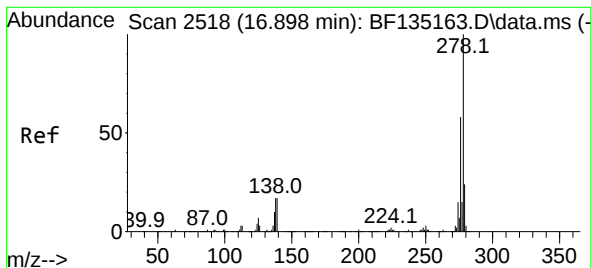
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 12.3 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 45.209 ng

RT: 16.921 min Scan# 2518

Delta R.T. 0.024 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

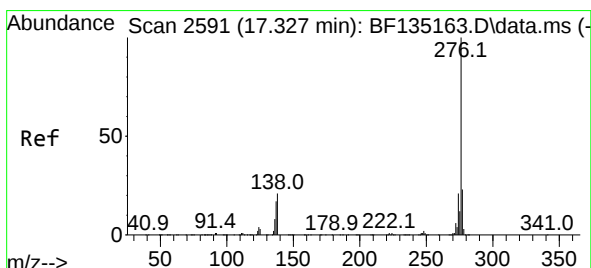
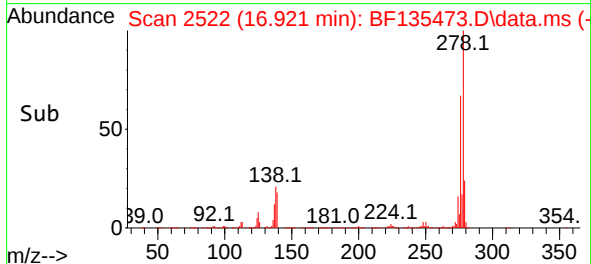
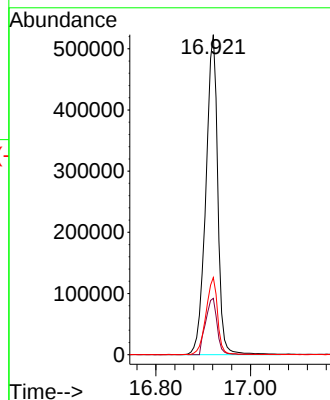
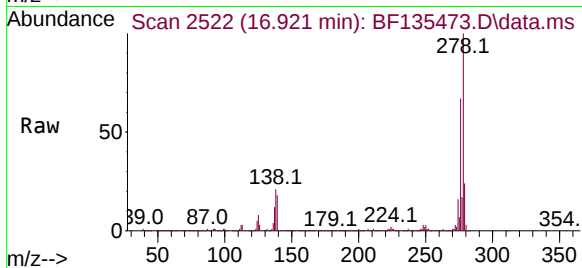
Tgt Ion:278 Resp: 914541

Ion Ratio Lower Upper

278 100

139 17.6 13.4 20.0

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 41.406 ng

RT: 17.357 min Scan# 2596

Delta R.T. 0.024 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Tgt Ion:276 Resp: 874786

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 25.6 16.9 25.3#

