

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135606.D
 Acq On : 05 Oct 2023 18:39
 Operator : CG\JU
 Sample : 04691-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092923MSD

Quant Time: Oct 06 03:45:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	132710	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	444306	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	178363	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	294580	20.000	ng	0.00
76) Chrysene-d12	13.927	240	255084	20.000	ng	# 0.00
86) Perylene-d12	15.398	264	231563	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	718967	88.114	ng	0.00
7) Phenol-d6	6.398	99	844061	81.353	ng	0.01
23) Nitrobenzene-d5	7.310	82	521601	63.781	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	129803	73.232	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	769646	65.102	ng	0.00
79) Terphenyl-d14	12.863	244	713240	43.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	145960	40.806	ng	96
3) Pyridine	3.216	79	351010	36.461	ng	100
4) n-Nitrosodimethylamine	3.187	42	237504	46.491	ng	98
6) Aniline	6.410	93	356854	26.229	ng	# 14
8) 2-Chlorophenol	6.534	128	393649	45.193	ng	95
9) Benzaldehyde	6.298	77	82806	14.010	ng	99
10) Phenol	6.410	94	467018	41.050	ng	83
11) bis(2-Chloroethyl)ether	6.481	93	398435	46.688	ng	99
12) 1,3-Dichlorobenzene	6.681	146	391423	44.218	ng	98
13) 1,4-Dichlorobenzene	6.757	146	394565	43.810	ng	99
14) 1,2-Dichlorobenzene	6.904	146	363682	43.483	ng	100
15) Benzyl Alcohol	6.892	79	313287	42.079	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	698815	43.443	ng	56
17) 2-Methylphenol	7.010	107	292931	38.110	ng	# 89
18) Hexachloroethane	7.239	117	147968	44.465	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	256525	39.917	ng	96
20) 3+4-Methylphenols	7.163	107	378490	40.950	ng	# 70
22) Acetophenone	7.151	105	508981	50.107	ng	# 90
24) Nitrobenzene	7.328	77	395244	48.898	ng	99
25) Isophorone	7.563	82	697614	46.455	ng	98
26) 2-Nitrophenol	7.639	139	191796	49.439	ng	99
27) 2,4-Dimethylphenol	7.686	122	276577	42.414	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	442456	49.227	ng	99
29) 2,4-Dichlorophenol	7.892	162	276625	45.781	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	297755	47.146	ng	97
31) Naphthalene	8.039	128	971612	45.008	ng	100
32) Benzoic acid	7.828	122	182642	37.196	ng	98
33) 4-Chloroaniline	8.104	127	250494	26.448	ng	98
34) Hexachlorobutadiene	8.151	225	173690	45.609	ng	99
35) Caprolactam	8.469	113	86918	42.861	ng	96
36) 4-Chloro-3-methylphenol	8.592	107	265947	39.601	ng	98
37) 2-Methylnaphthalene	8.733	142	574170	39.568	ng	99
38) 1-Methylnaphthalene	8.833	142	550329	40.508	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	266483	51.571	ng	100
41) Hexachlorocyclopentadiene	8.880	237	41666	23.995	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	165152	48.814	ng	98

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 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	168150	43.157	ng	97
46) 1,1'-Biphenyl	9.198	154	696447	50.810	ng	98
47) 2-Chloronaphthalene	9.222	162	504803	50.759	ng	98
48) 2-Nitroaniline	9.333	65	187348	48.490	ng	98
49) Acenaphthylene	9.639	152	767663	46.446	ng	100
50) Dimethylphthalate	9.504	163	583197	48.361	ng	100
51) 2,6-Dinitrotoluene	9.575	165	122870	46.511	ng	# 85
52) Acenaphthene	9.810	154	449054	45.991	ng	98
53) 3-Nitroaniline	9.745	138	104901	33.828	ng	94
54) 2,4-Dinitrophenol	9.863	184	64681	46.008	ng	# 86
55) Dibenzofuran	9.980	168	647210	43.438	ng	97
56) 4-Nitrophenol	9.927	139	139021	70.539	ng	97
57) 2,4-Dinitrotoluene	9.986	165	135244	40.893	ng	96
58) Fluorene	10.327	166	500510	43.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	120374	40.163	ng	99
60) Diethylphthalate	10.204	149	560974	46.352	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	242102	44.001	ng	98
62) 4-Nitroaniline	10.363	138	107853	36.183	ng	94
63) Azobenzene	10.480	77	528042	44.581	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	49835	31.851	ng	88
66) n-Nitrosodiphenylamine	10.439	169	444524	49.844	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	141098	48.159	ng	97
68) Hexachlorobenzene	10.874	284	143125	47.951	ng	# 86
69) Atrazine	10.974	200	127738	53.232	ng	99
70) Pentachlorophenol	11.080	266	116953	65.490	ng	97
71) Phenanthrene	11.292	178	691606	49.640	ng	99
72) Anthracene	11.345	178	697468	48.703	ng	99
73) Carbazole	11.510	167	656215	50.336	ng	99
74) Di-n-butylphthalate	11.833	149	808469	52.629	ng	100
75) Fluoranthene	12.486	202	880154	60.628	ng	97
77) Benzidine	12.616	184	389044	74.446	ng	99
78) Pyrene	12.721	202	927847	38.205	ng	100
80) Butylbenzylphthalate	13.339	149	385969	45.139	ng	96
81) Benzo(a)anthracene	13.921	228	847886	51.476	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	274070	53.270	ng	# 97
83) Chrysene	13.957	228	802109	48.980	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	534263	60.888	ng	100
85) Di-n-octyl phthalate	14.521	149	1008759	72.342	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	514225	33.869	ng	98
88) Benzo(b)fluoranthene	14.974	252	815804	65.080	ng	98
89) Benzo(k)fluoranthene	15.004	252	695697	56.183	ng	98
90) Benzo(a)pyrene	15.339	252	565305	47.290	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	412312	33.190	ng	97
92) Benzo(g,h,i)perylene	17.333	276	407105	31.379	ng	98

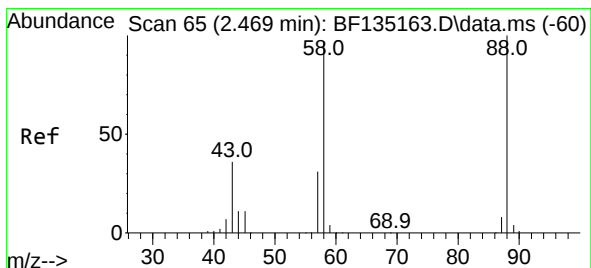
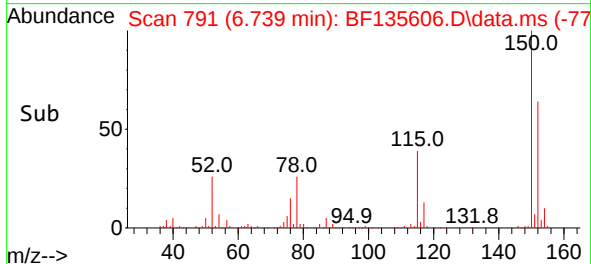
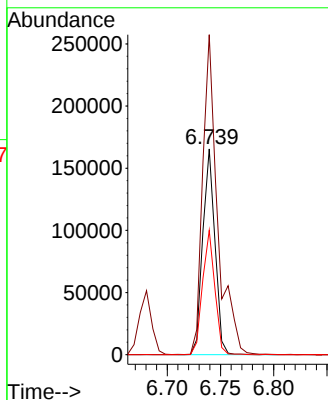
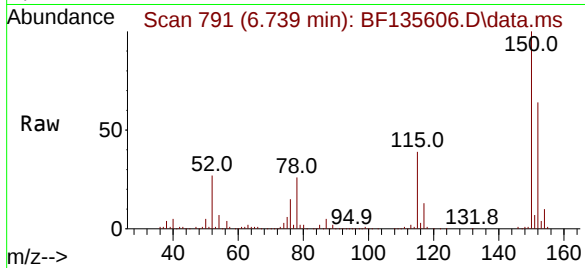
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135606.D
 Acq: 05 Oct 2023 18:39

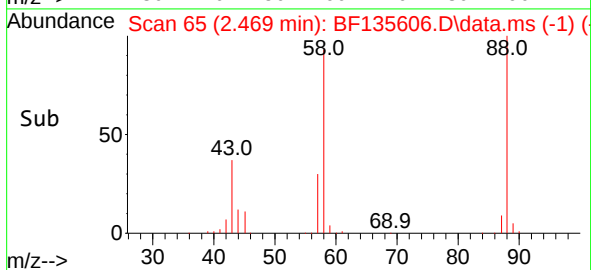
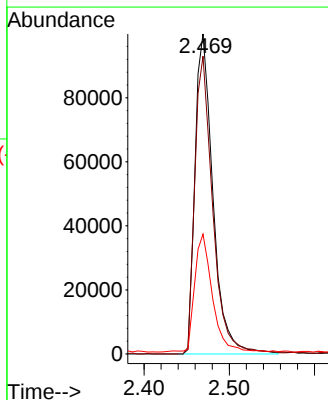
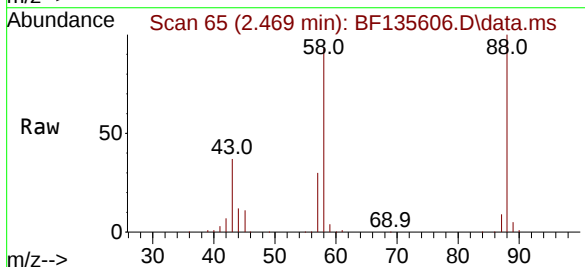
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092923MSD

Tgt Ion:152 Resp: 132710
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.8 191.6
 115 60.4 49.8 74.8



#2
 1,4-Dioxane
 Concen: 40.806 ng
 RT: 2.469 min Scan# 65
 Delta R.T. 0.047 min
 Lab File: BF135606.D
 Acq: 05 Oct 2023 18:39

Tgt Ion: 88 Resp: 145960
 Ion Ratio Lower Upper
 88 100
 58 93.2 78.3 117.5
 43 36.5 29.4 44.0

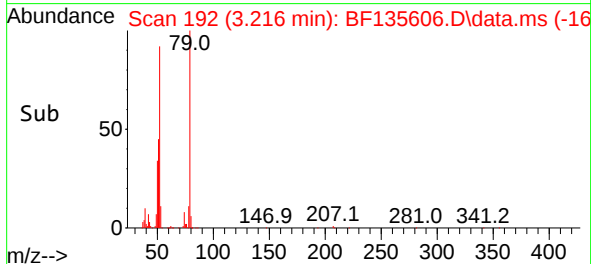
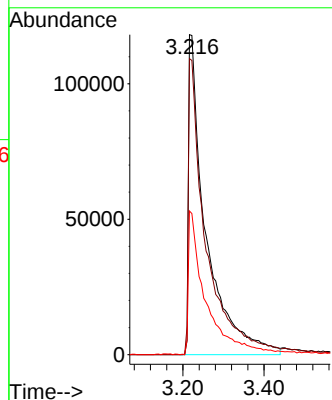
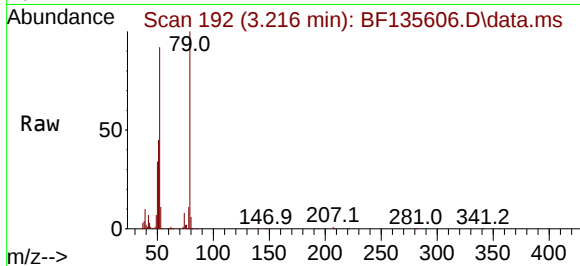




#3
 Pyridine
 Concen: 36.461 ng
 RT: 3.216 min Scan# 192
 Delta R.T. 0.053 min
 Lab File: BF135606.D
 Acq: 05 Oct 2023 18:39

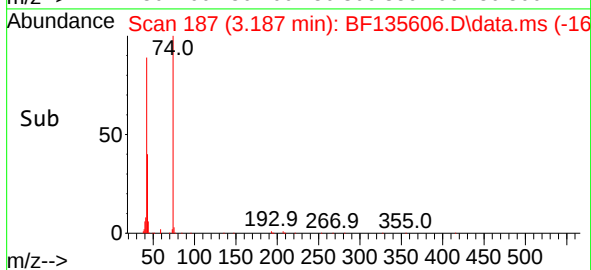
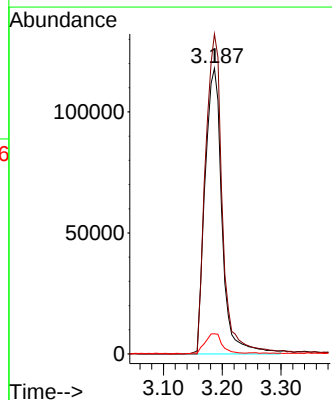
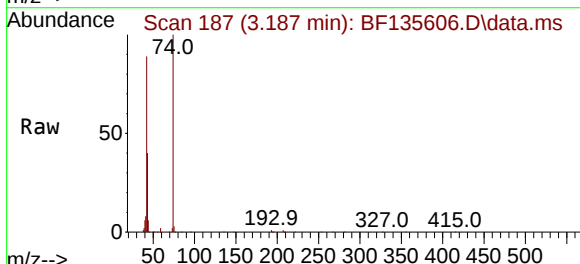
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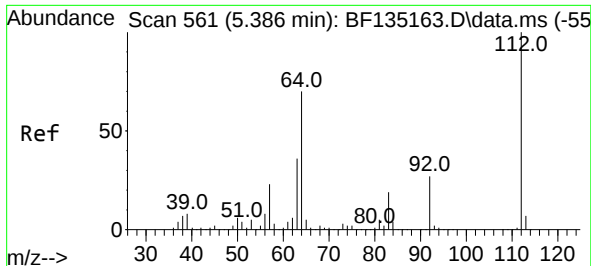
Tgt Ion: 79 Resp: 351010
 Ion Ratio Lower Upper
 79 100
 52 92.5 74.1 111.1
 51 44.9 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 46.491 ng
 RT: 3.187 min Scan# 187
 Delta R.T. 0.053 min
 Lab File: BF135606.D
 Acq: 05 Oct 2023 18:39

Tgt Ion: 42 Resp: 237504
 Ion Ratio Lower Upper
 42 100
 74 112.0 87.7 131.5
 44 7.1 5.6 8.4

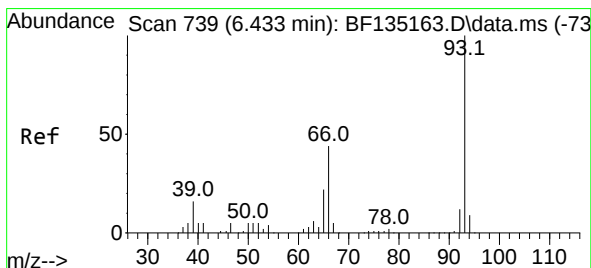
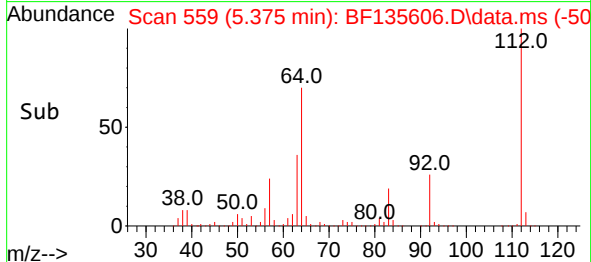
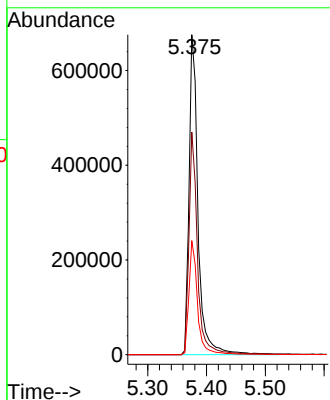
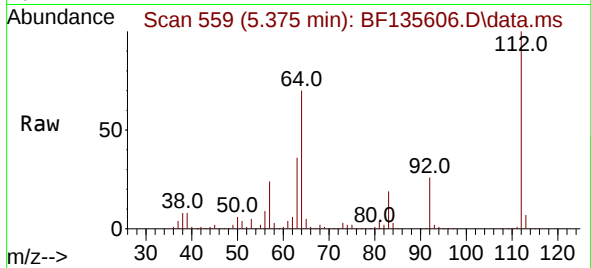




#5
2-Fluorophenol
Concen: 88.114 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

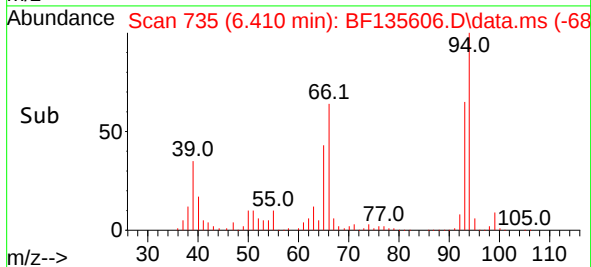
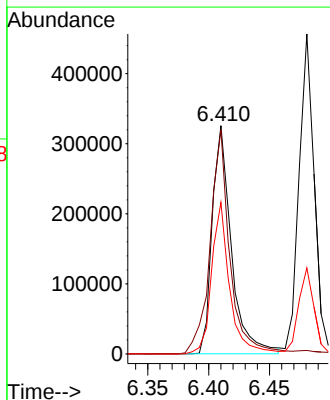
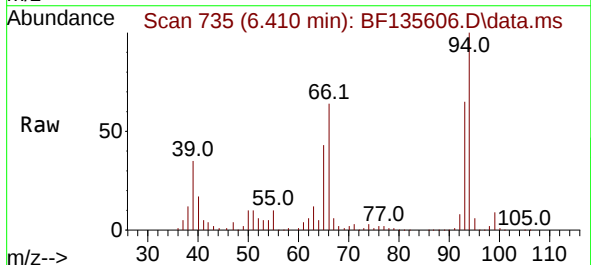
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

Tgt Ion:112 Resp: 718967
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 35.6 29.0 43.6



#6
Aniline
Concen: 26.229 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 93 Resp: 356854
Ion Ratio Lower Upper
93 100
66 98.3 35.4 53.0#
65 66.4 17.8 26.8#





#7

Phenol-d6

Concen: 81.353 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

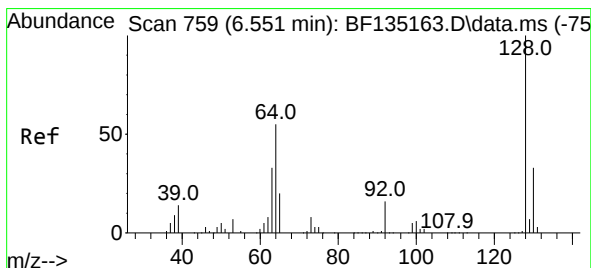
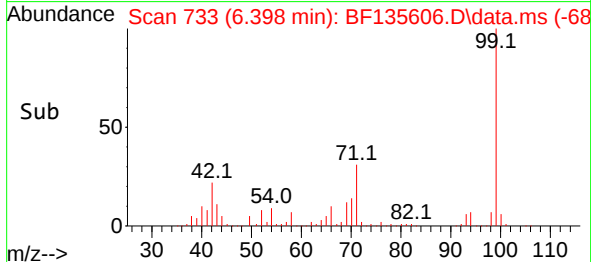
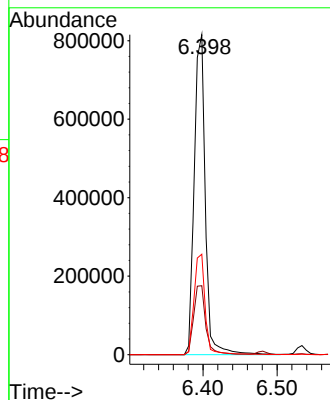
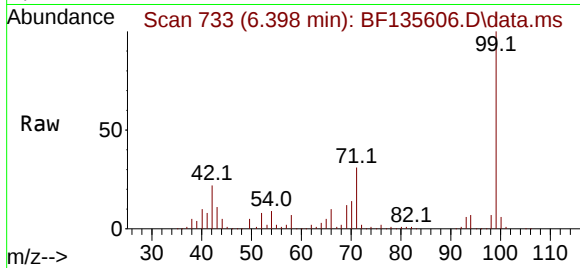
Tgt Ion: 99 Resp: 844061

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

71 31.4 27.0 40.6



#8

2-Chlorophenol

Concen: 45.193 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

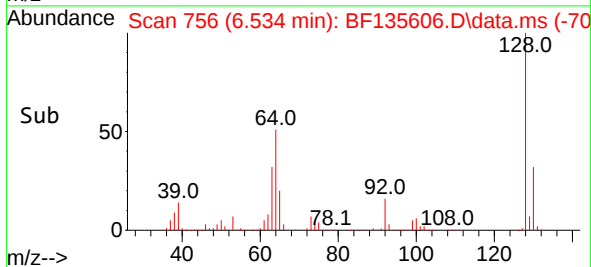
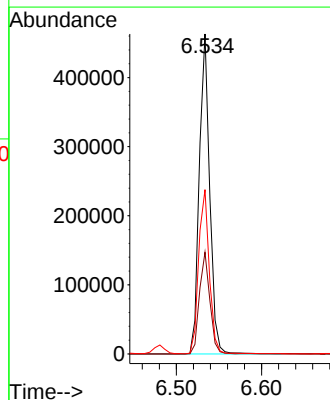
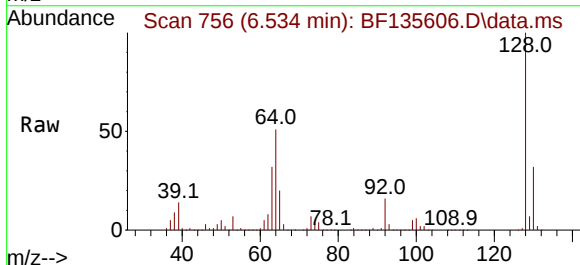
Tgt Ion:128 Resp: 393649

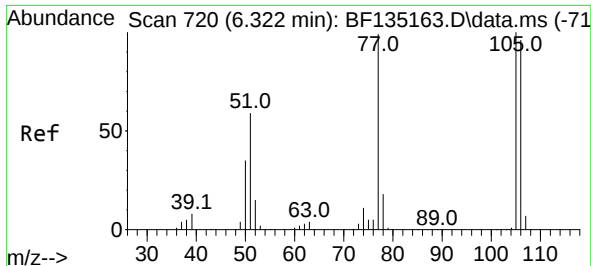
Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

64 51.3 35.9 75.9

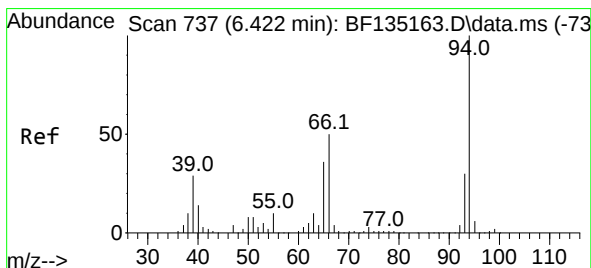
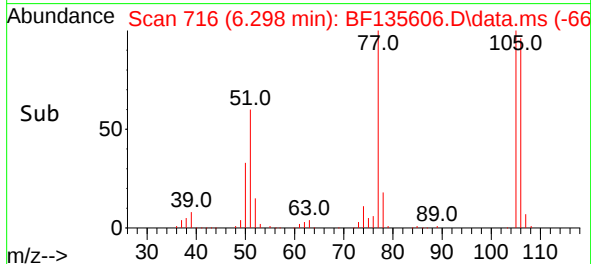
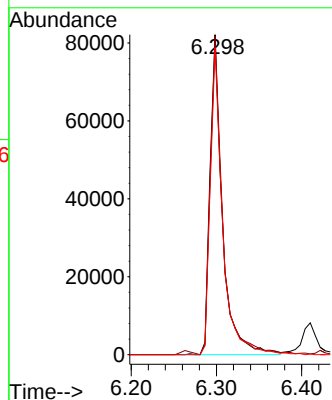
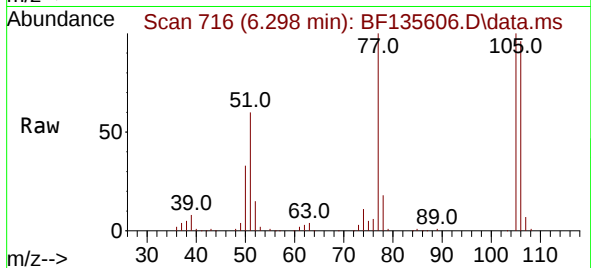




#9
Benzaldehyde
Concen: 14.010 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

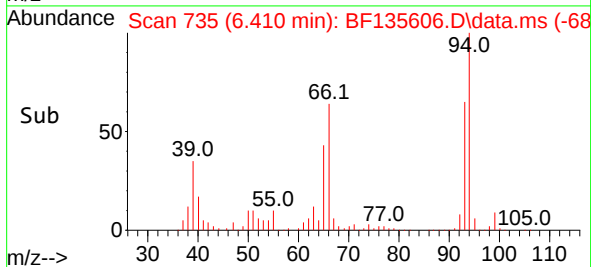
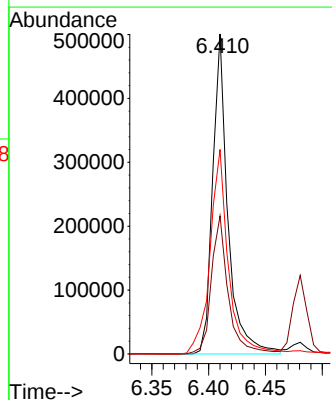
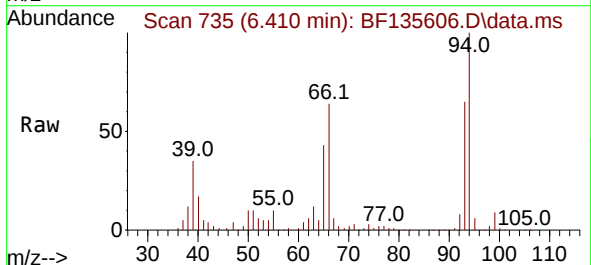
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ClientSampleId :
NB-08-092923MSD

Tgt Ion: 77 Resp: 82806
Ion Ratio Lower Upper
77 100
105 99.6 81.4 121.4
106 95.9 76.9 116.9



#10
Phenol
Concen: 41.050 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 94 Resp: 467018
Ion Ratio Lower Upper
94 100
65 43.2 15.9 55.9
66 63.9 29.8 69.8

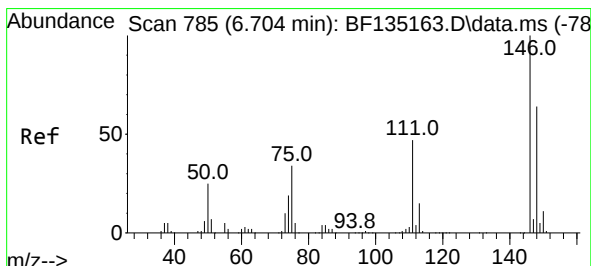
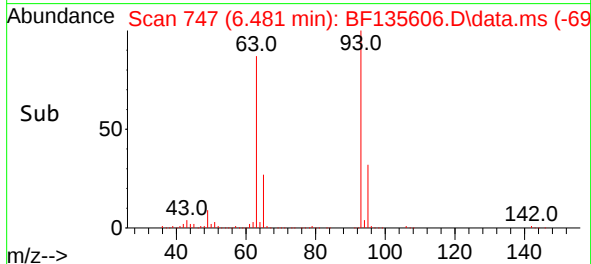
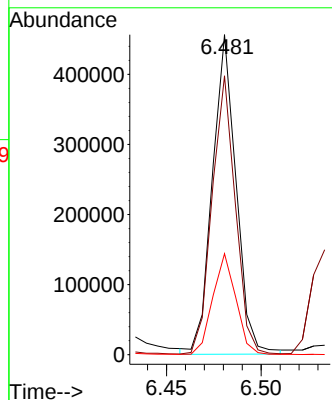
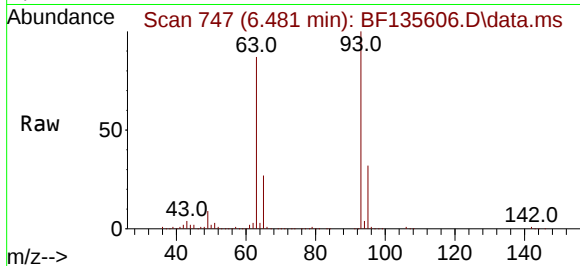




#11
bis(2-Chloroethyl)ether
Concen: 46.688 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

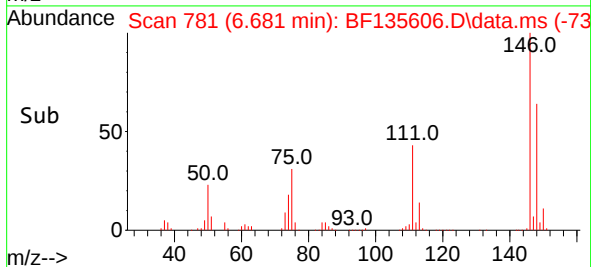
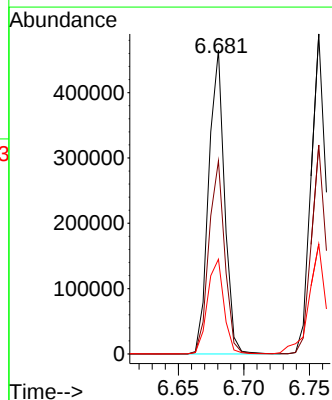
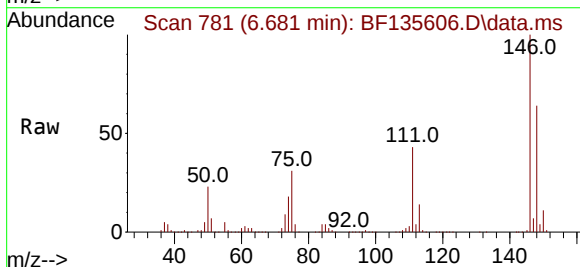
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ClientSampleId :
NB-08-092923MSD

Tgt Ion: 93 Resp: 398435
Ion Ratio Lower Upper
93 100
63 87.2 67.3 107.3
95 31.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.218 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:146 Resp: 391423
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 31.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.810 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

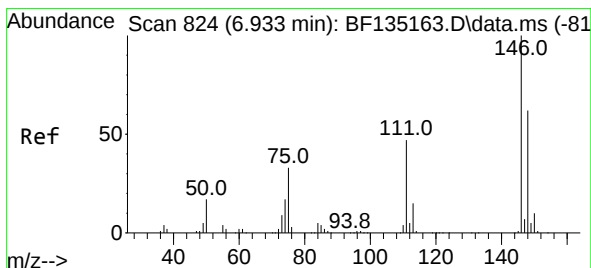
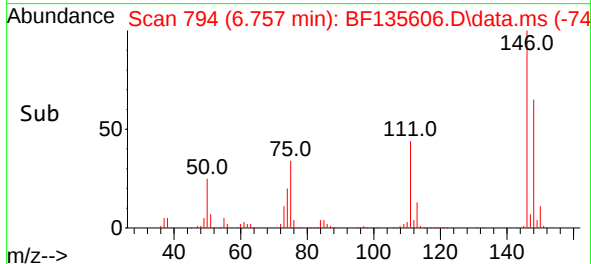
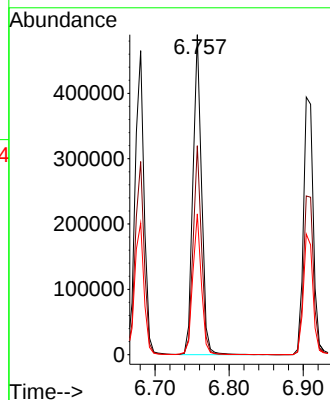
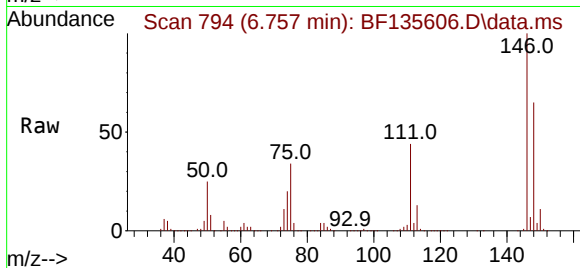
Tgt Ion:146 Resp: 394565

Ion Ratio Lower Upper

146 100

148 65.3 51.3 76.9

111 44.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 43.483 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

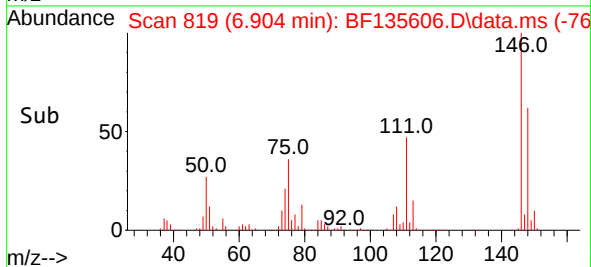
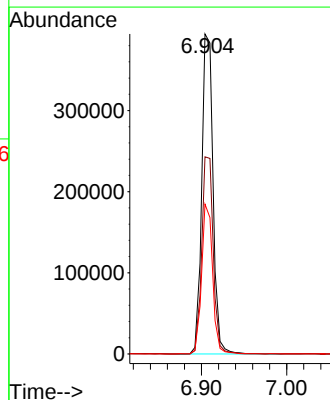
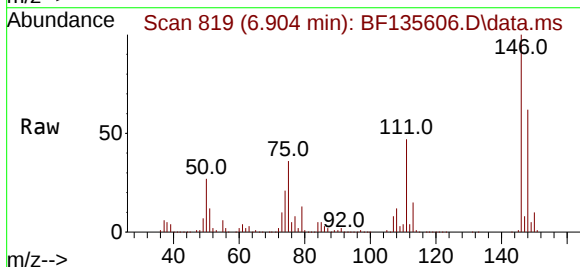
Tgt Ion:146 Resp: 363682

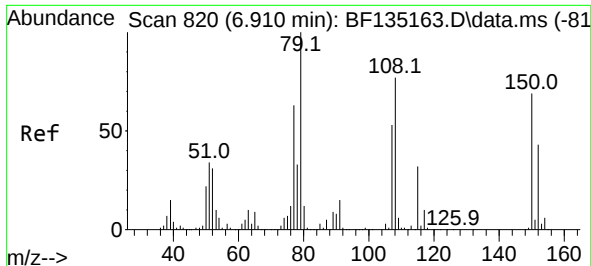
Ion Ratio Lower Upper

146 100

148 61.6 49.7 74.5

111 46.8 37.4 56.2

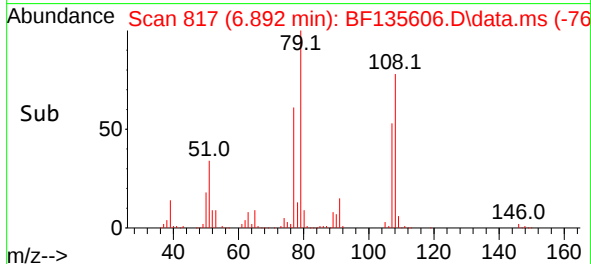
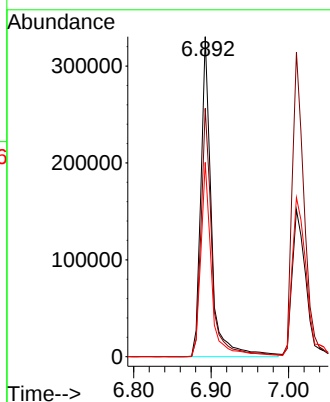
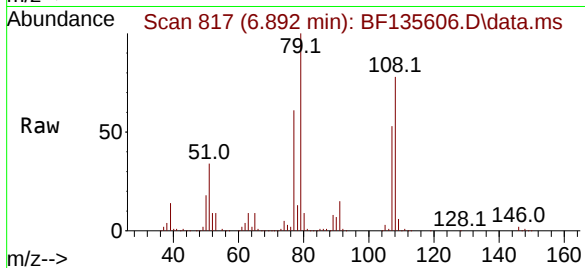




#15
Benzyl Alcohol
Concen: 42.079 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

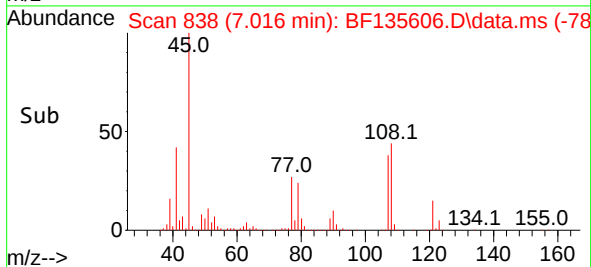
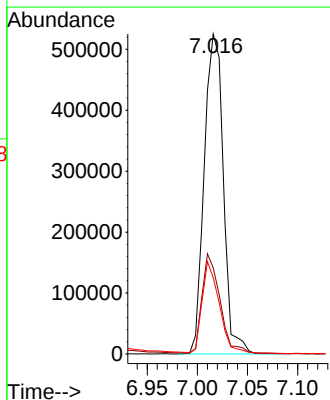
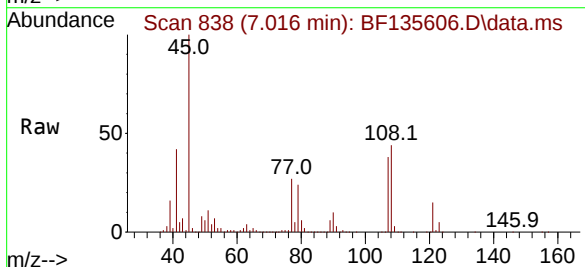
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

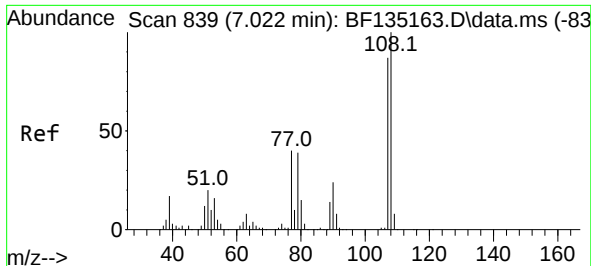
Tgt Ion: 79 Resp: 313287
Ion Ratio Lower Upper
79 100
108 77.6 61.2 91.8
77 60.7 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.443 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 45 Resp: 698815
Ion Ratio Lower Upper
45 100
77 26.9 0.0 30.6
79 23.8 0.0 28.3

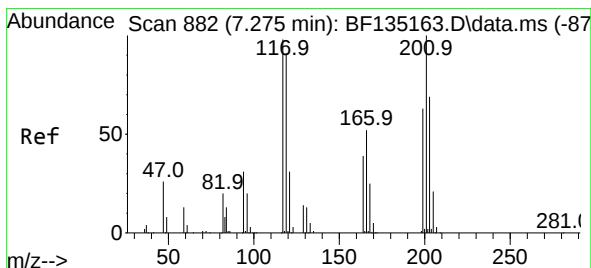
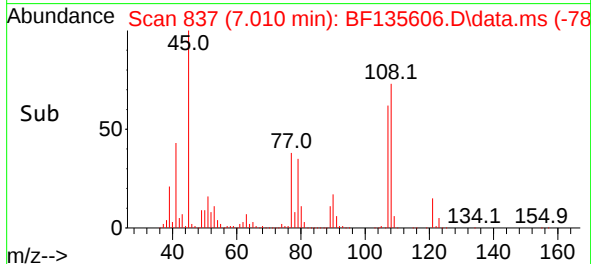
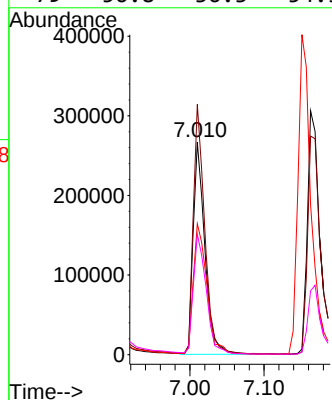
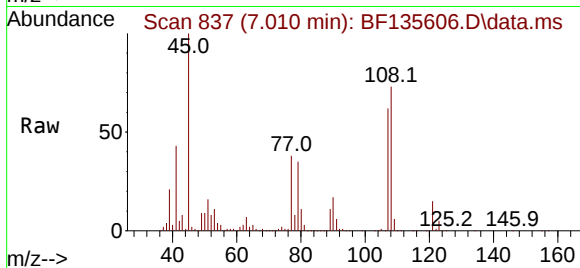




#17
2-Methylphenol
Concen: 38.110 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

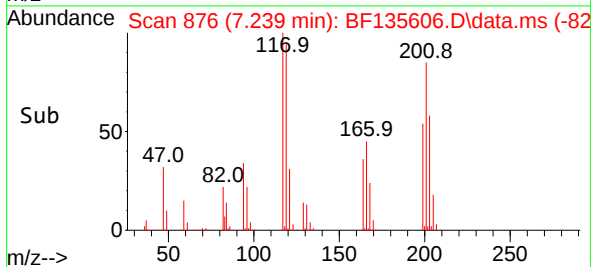
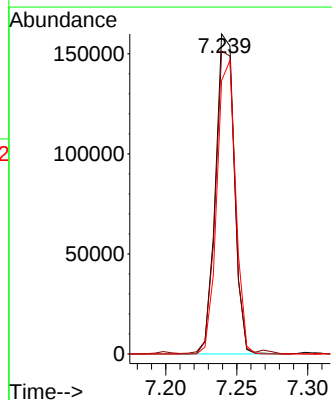
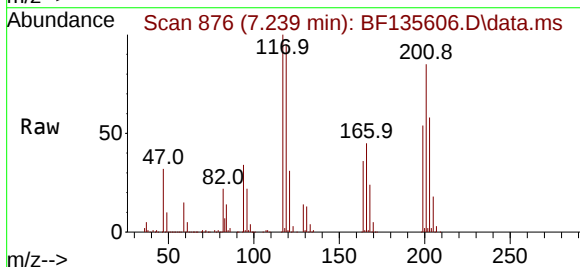
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

Tgt Ion:107 Resp: 292931
Ion Ratio Lower Upper
107 100
108 117.7 92.0 138.0
77 61.6 36.7 55.1#
79 56.8 36.3 54.5#



#18
Hexachloroethane
Concen: 44.465 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:117 Resp: 147968
Ion Ratio Lower Upper
117 100
119 94.6 74.7 112.1
201 85.5 81.8 122.8

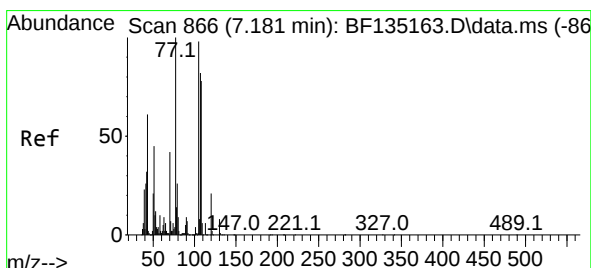
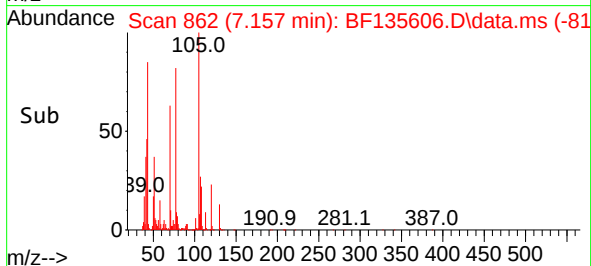
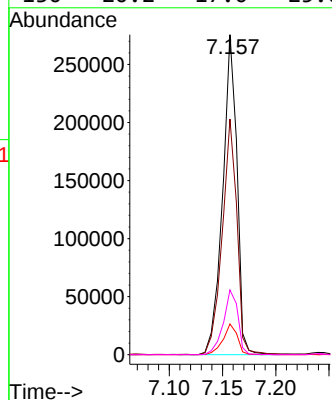
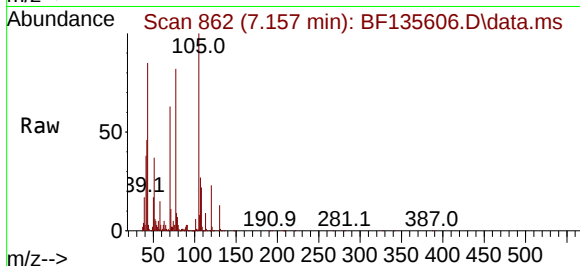




#19
n-Nitroso-di-n-propylamine
Concen: 39.917 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

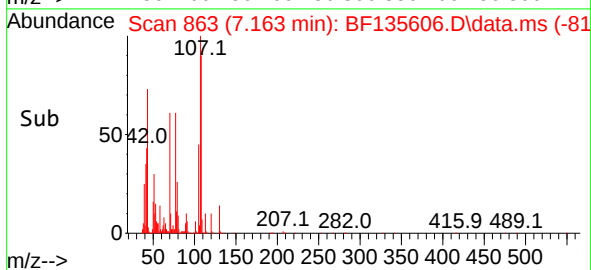
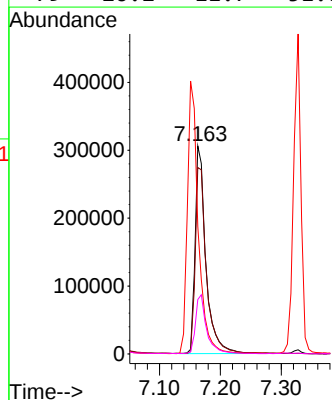
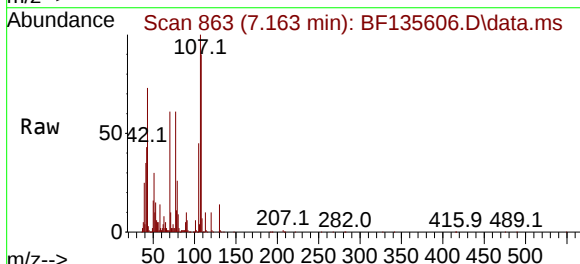
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BNA_F
ClientSampleId :
NB-08-092923MSD

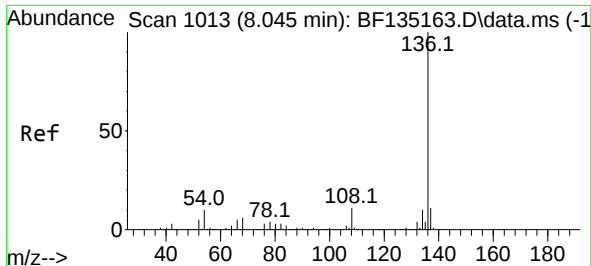
Tgt Ion: 70 Resp: 256525
Ion Ratio Lower Upper
70 100
42 73.7 55.4 83.0
101 9.6 7.7 11.5
130 20.2 17.0 25.6



#20
3+4-Methylphenols
Concen: 40.950 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 107 Resp: 378490
Ion Ratio Lower Upper
107 100
108 89.6 74.7 114.7
77 61.3 102.0 142.0#
79 26.2 11.7 51.7

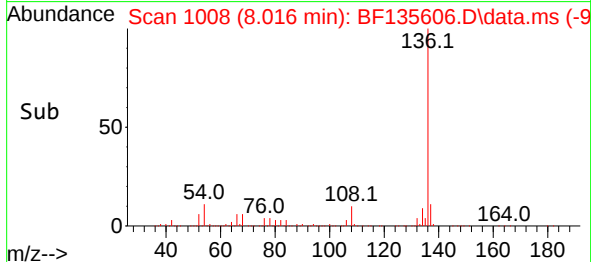
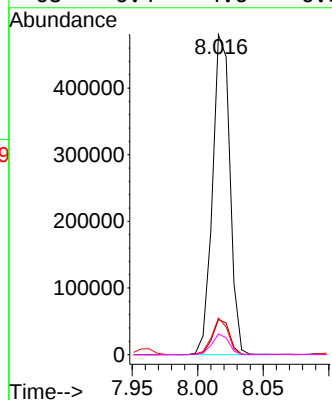
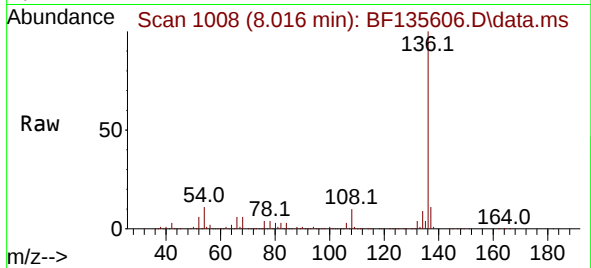




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

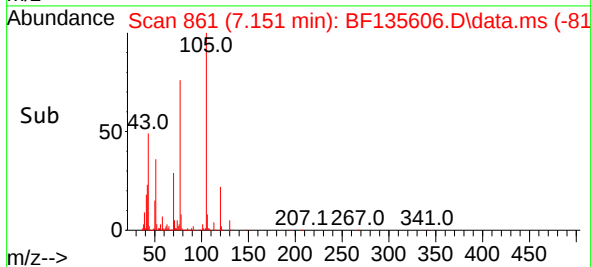
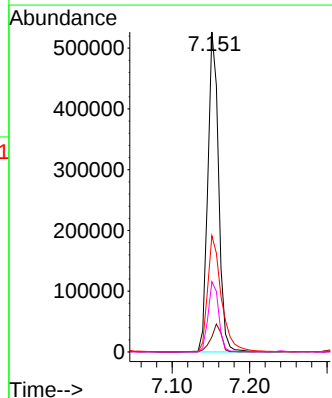
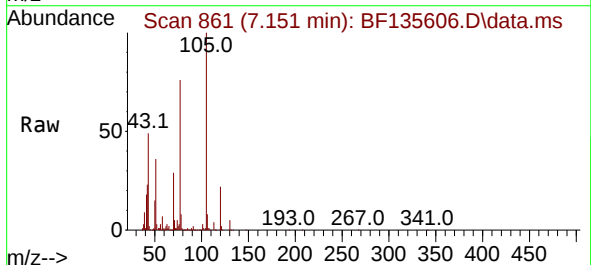
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

Tgt Ion:136	Resp:	444306
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	11.4	7.7 11.5
68	6.4	4.6 6.8



#22
Acetophenone
Concen: 50.107 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:105	Resp:	508981
Ion Ratio	Lower	Upper
105	100	
71	4.7	5.8 8.6#
51	36.3	37.0 55.4#
120	21.9	17.0 25.6

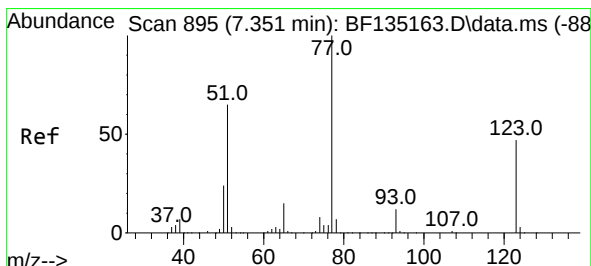
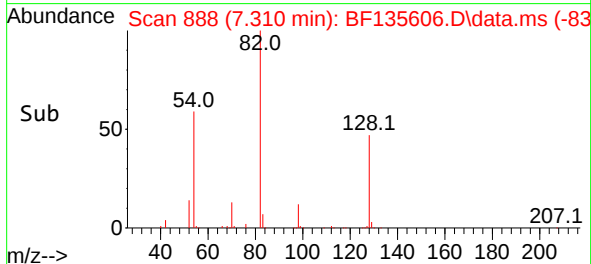
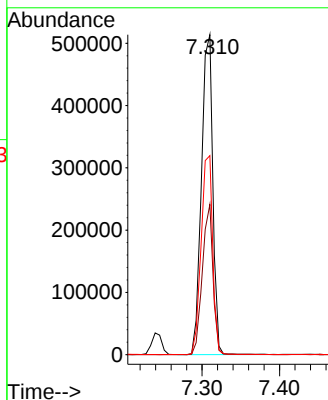
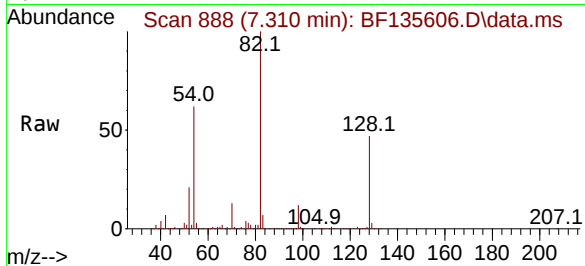




#23
Nitrobenzene-d5
Concen: 63.781 ng
RT: 7.310 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

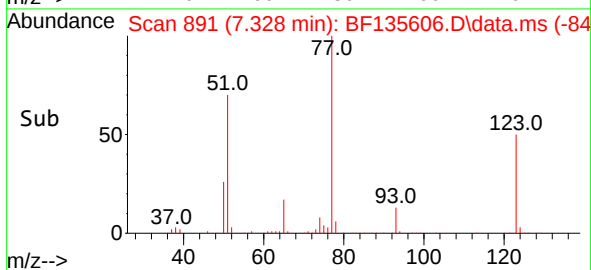
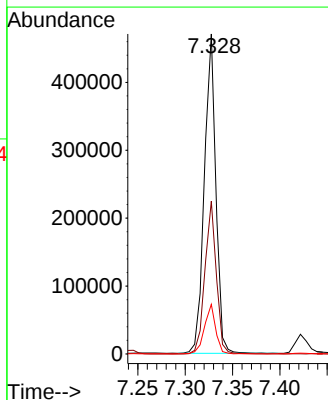
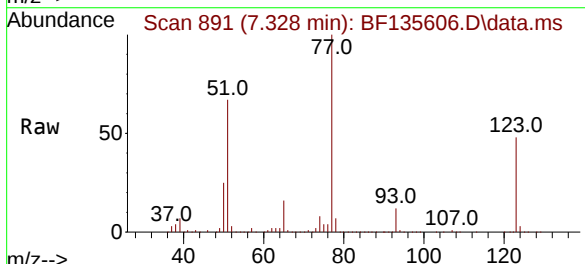
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

Tgt Ion: 82 Resp: 521601
Ion Ratio Lower Upper
82 100
128 46.9 35.8 53.6
54 62.2 50.6 76.0



#24
Nitrobenzene
Concen: 48.898 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 77 Resp: 395244
Ion Ratio Lower Upper
77 100
123 47.7 37.6 56.4
65 15.5 12.2 18.4

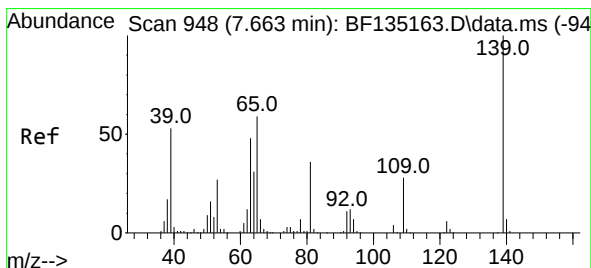
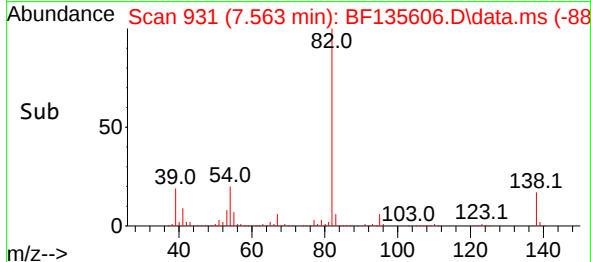
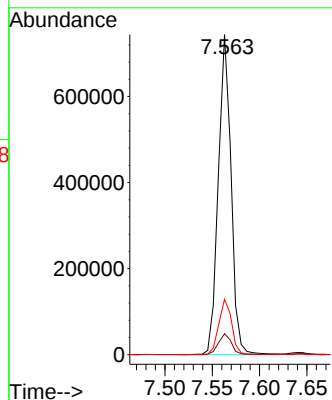
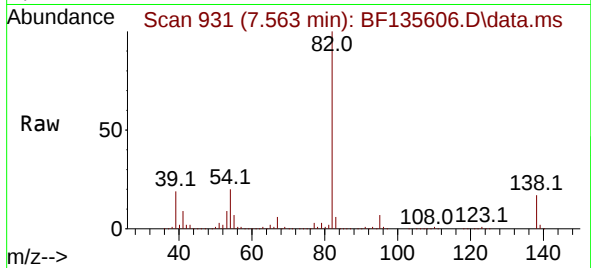




#25
Isophorone
Concen: 46.455 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

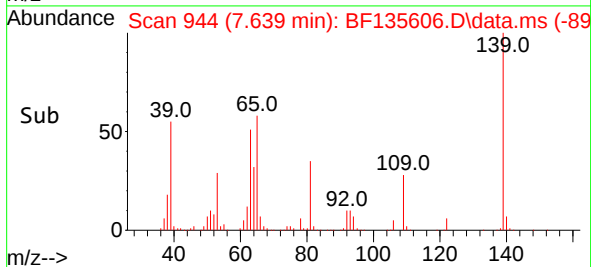
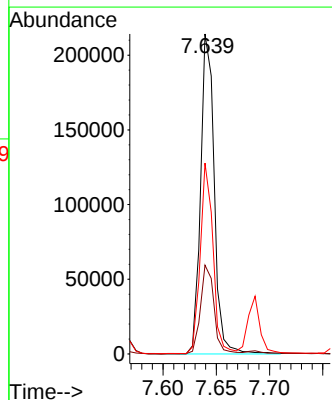
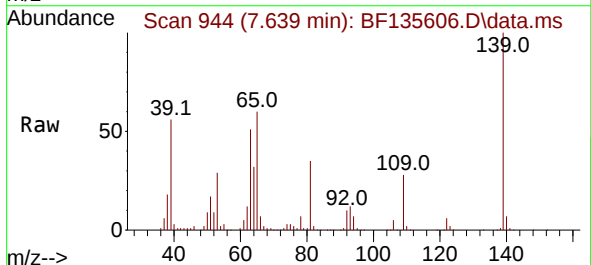
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

Tgt Ion: 82 Resp: 697614
Ion Ratio Lower Upper
82 100
95 6.5 6.0 9.0
138 17.3 14.5 21.7



#26
2-Nitrophenol
Concen: 49.439 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 139 Resp: 191796
Ion Ratio Lower Upper
139 100
109 27.8 22.6 33.8
65 59.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.414 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135606.D

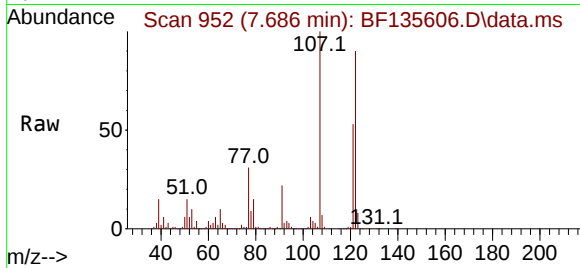
Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD



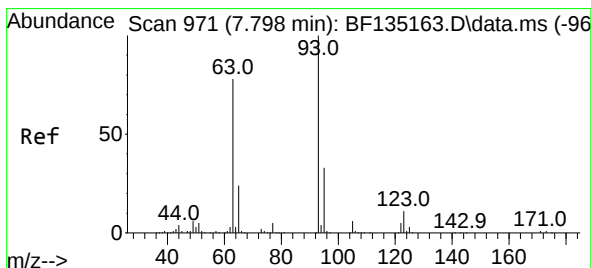
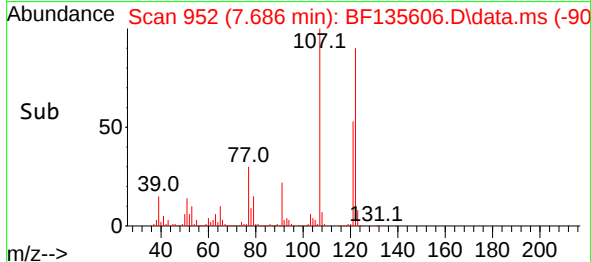
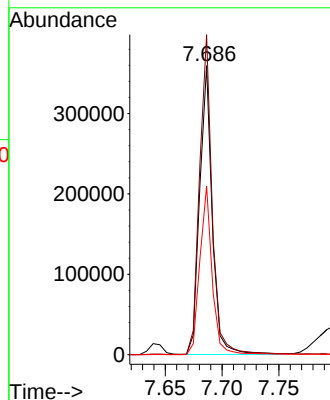
Tgt Ion:122 Resp: 276577

Ion Ratio Lower Upper

122 100

107 110.7 90.2 135.4

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.227 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

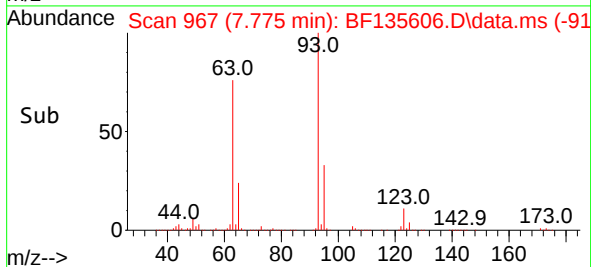
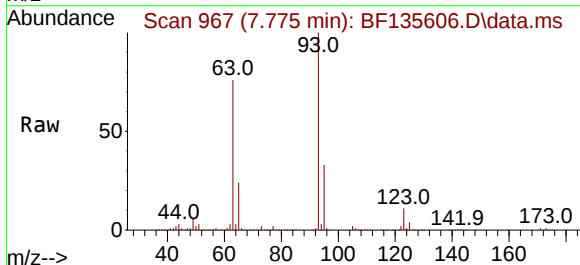
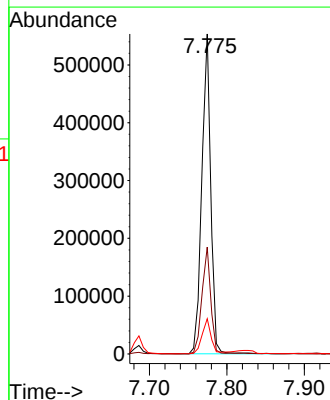
Tgt Ion: 93 Resp: 442456

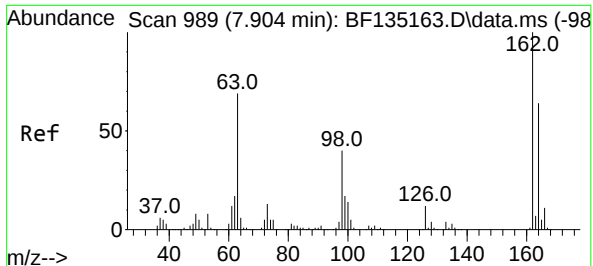
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 11.0 8.8 13.2

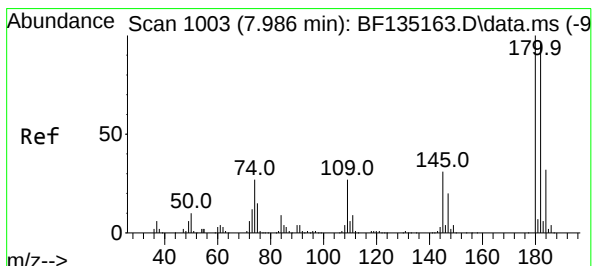
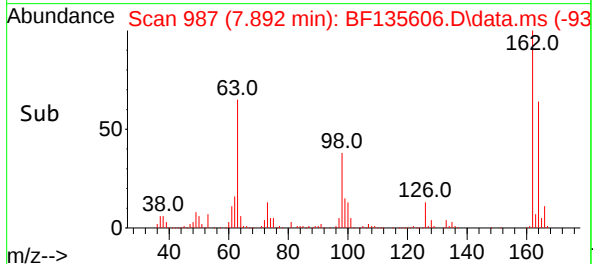
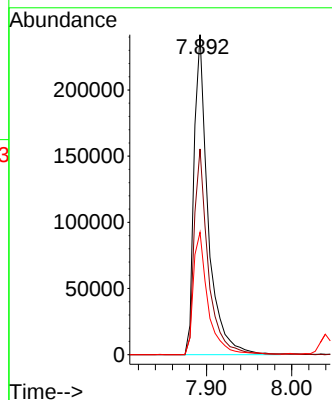
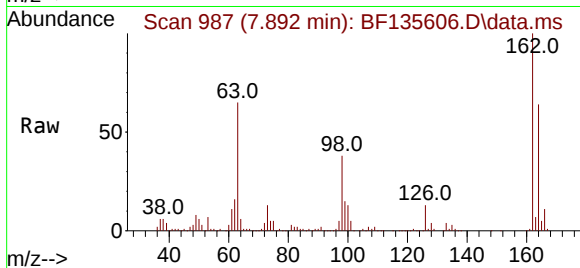




#29
2,4-Dichlorophenol
Concen: 45.781 ng
RT: 7.892 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

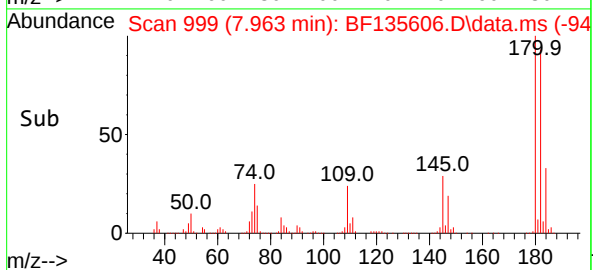
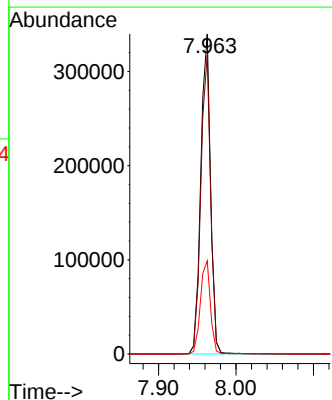
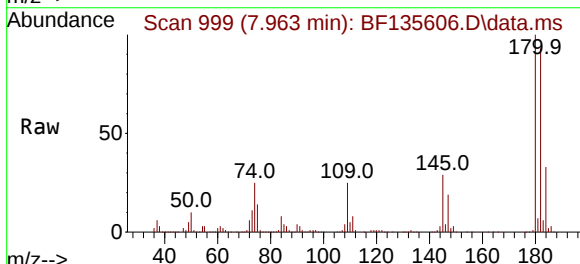
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

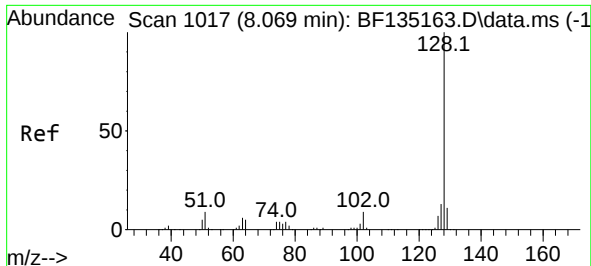
Tgt Ion:	162	Resp:	276625
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	38.3	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 47.146 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:	180	Resp:	297755
Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.9	115.3
145	29.1	24.5	36.7

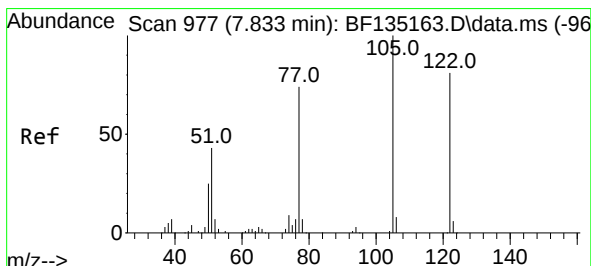
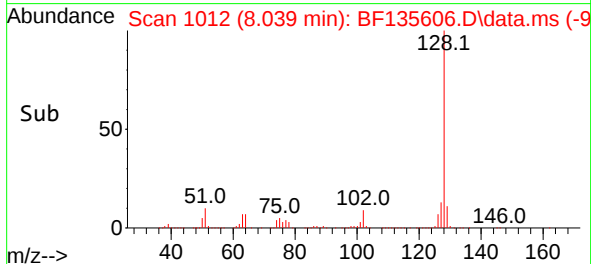
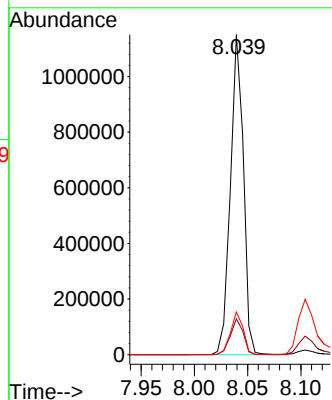
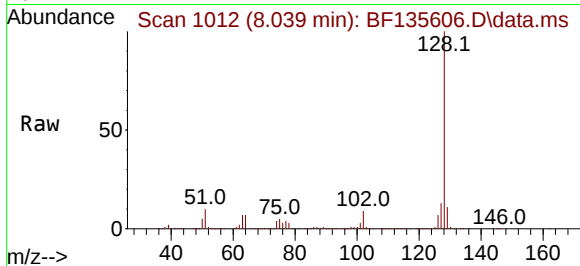




#31
Naphthalene
Concen: 45.008 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

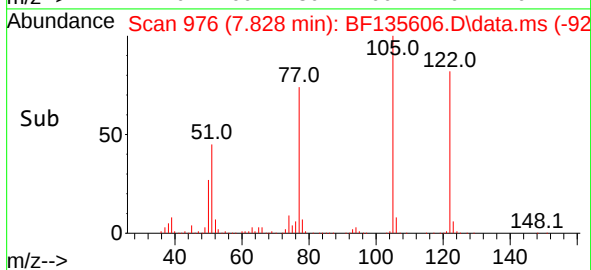
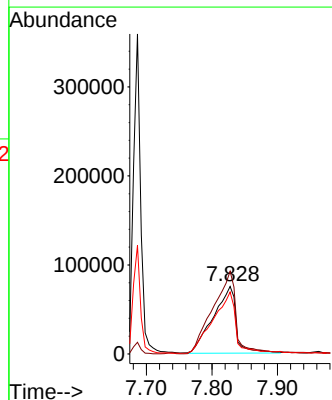
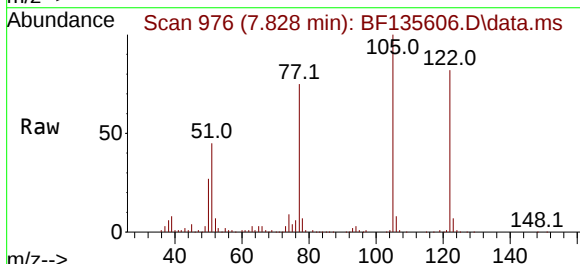
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

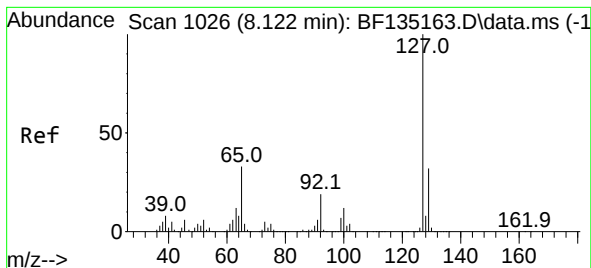
Tgt Ion:128 Resp: 971612
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 37.196 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:122 Resp: 182642
Ion Ratio Lower Upper
122 100
105 122.5 99.9 139.9
77 91.6 70.0 110.0





#33

4-Chloroaniline

Concen: 26.448 ng

RT: 8.104 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

Tgt Ion:127 Resp: 250494

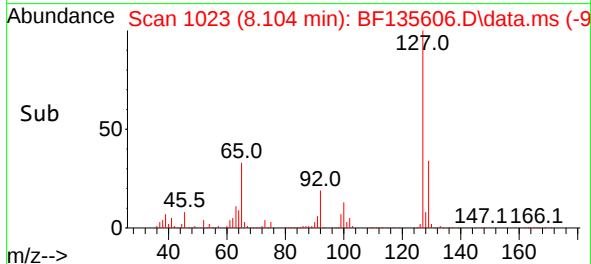
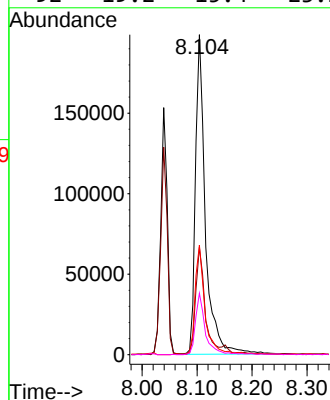
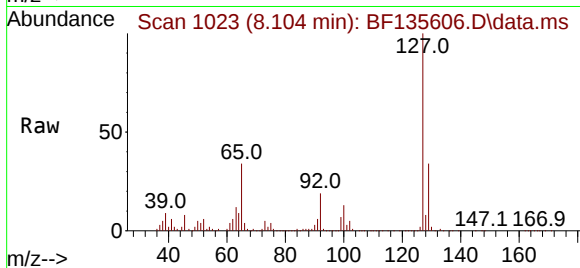
Ion Ratio Lower Upper

127 100

129 33.5 25.8 38.8

65 34.2 26.6 39.8

92 19.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 45.609 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

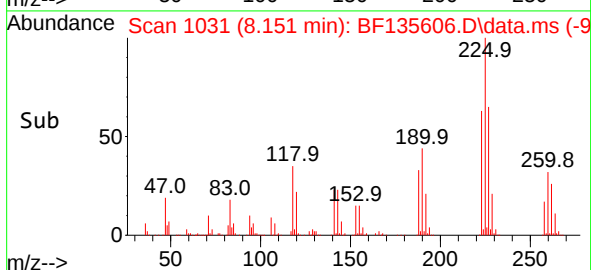
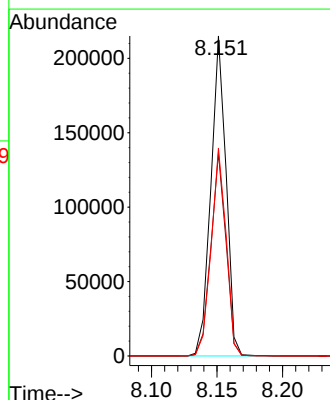
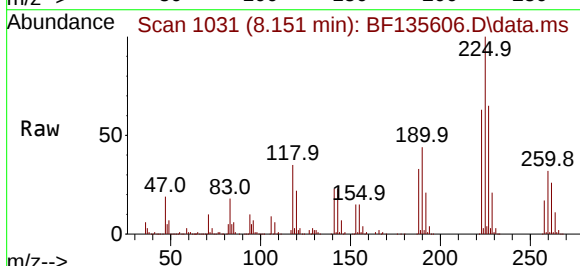
Tgt Ion:225 Resp: 173690

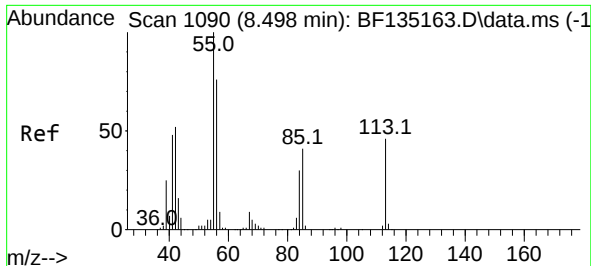
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 65.0 50.8 76.2

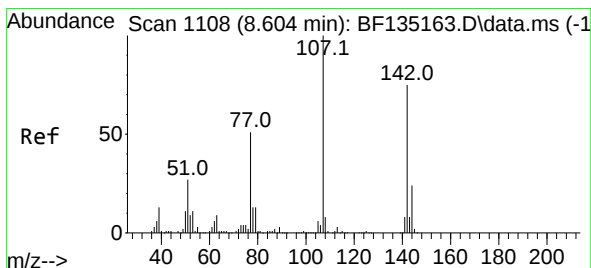
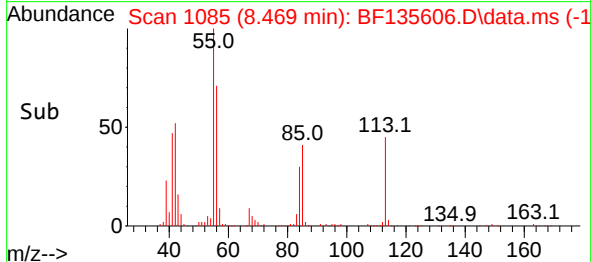
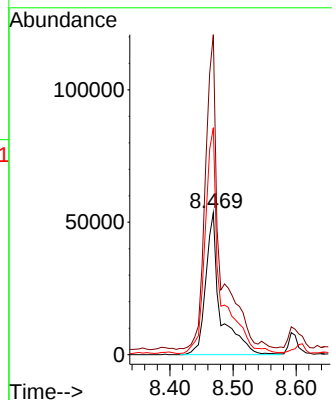
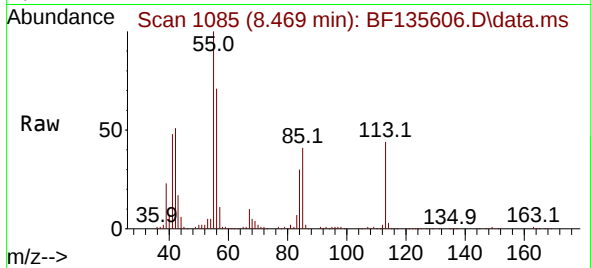




#35
 Caprolactam
 Concen: 42.861 ng
 RT: 8.469 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: BF135606.D
 Acq: 05 Oct 2023 18:39

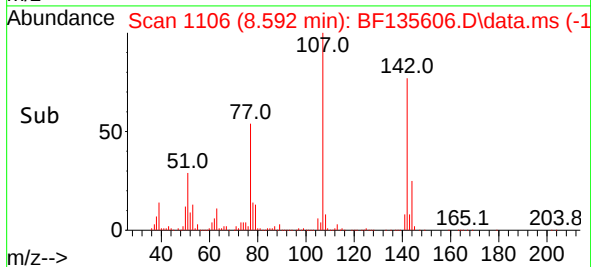
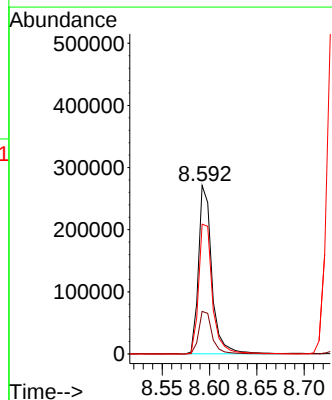
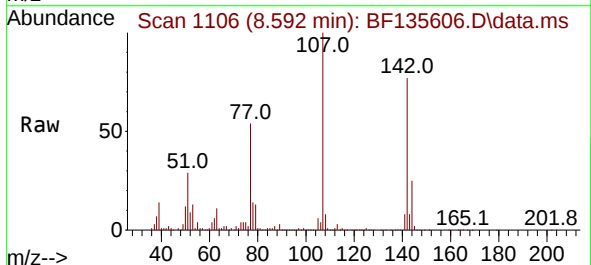
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092923MSD

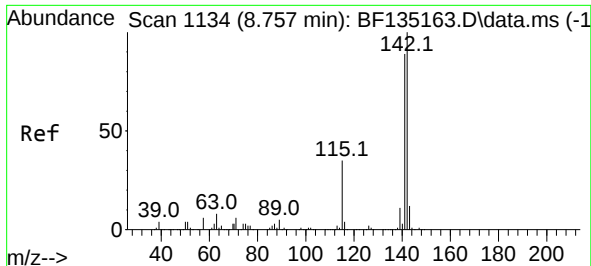
Tgt Ion:113 Resp: 86918
 Ion Ratio Lower Upper
 113 100
 55 225.6 199.3 239.3
 56 160.0 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.601 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF135606.D
 Acq: 05 Oct 2023 18:39

Tgt Ion:107 Resp: 265947
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.4
 142 77.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.568 ng

RT: 8.733 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

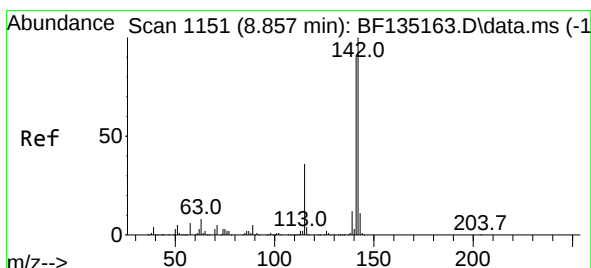
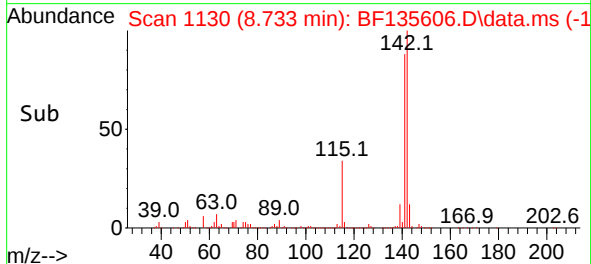
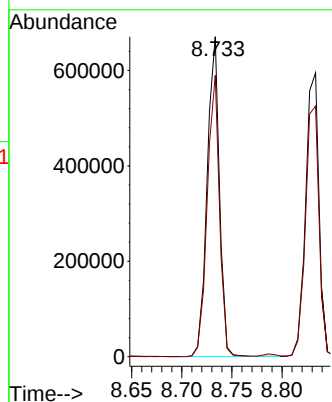
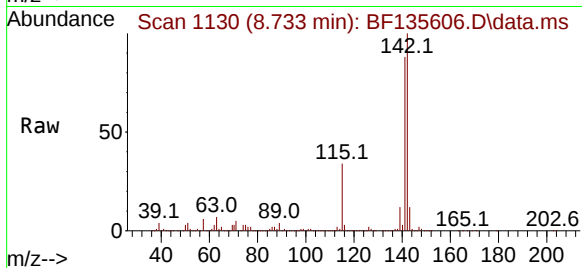
NB-08-092923MSD

Tgt Ion:142 Resp: 574170

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 40.508 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135606.D

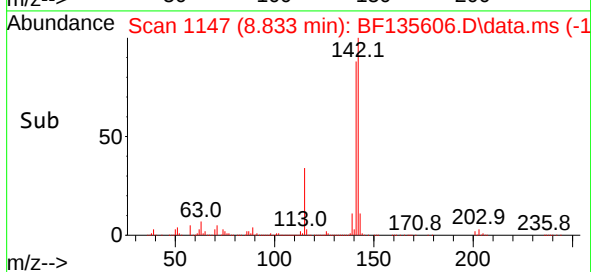
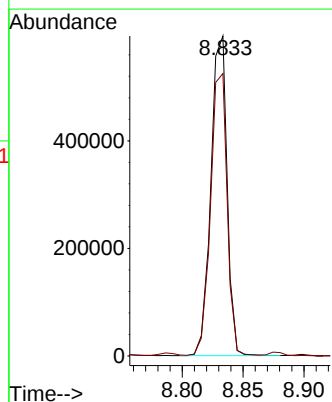
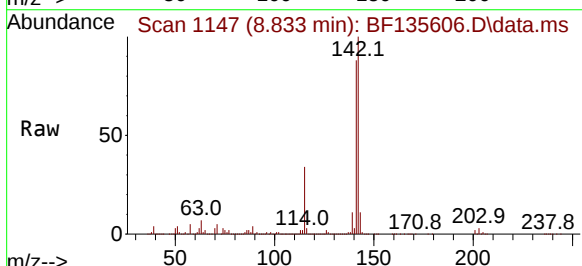
Acq: 05 Oct 2023 18:39

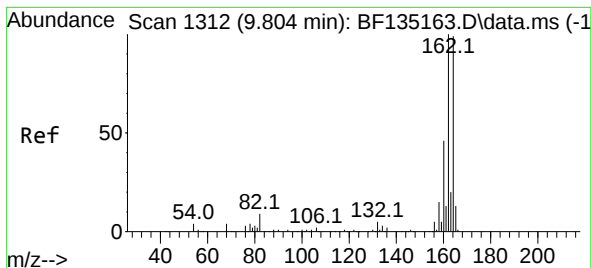
Tgt Ion:142 Resp: 550329

Ion Ratio Lower Upper

142 100

141 88.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

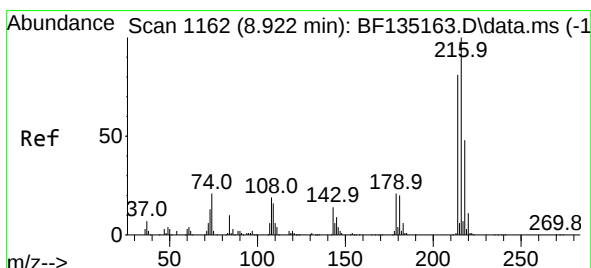
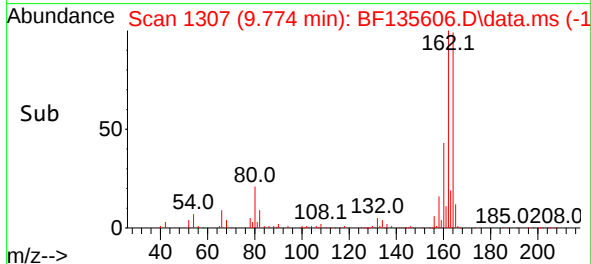
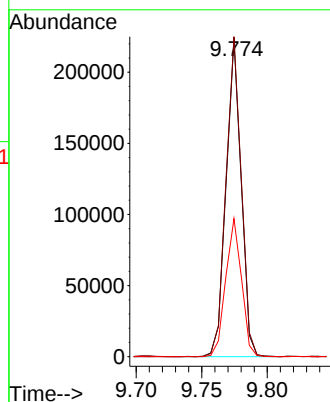
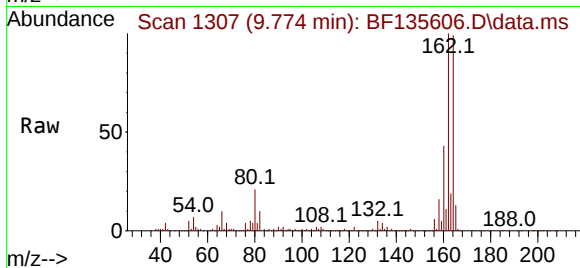
Tgt Ion:164 Resp: 178363

Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

160 43.4 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.571 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Tgt Ion:216 Resp: 266483

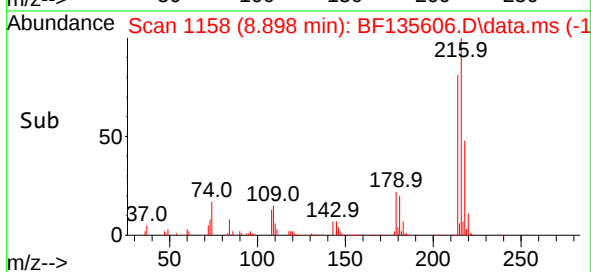
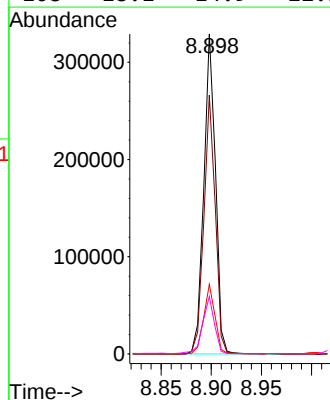
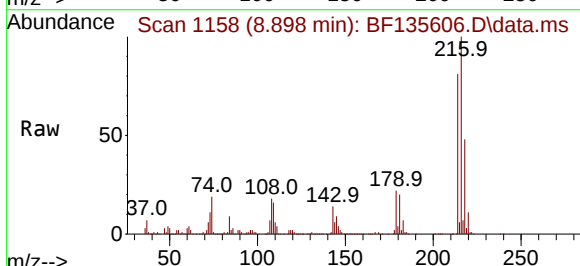
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 21.1 16.7 25.1

108 18.1 14.9 22.3

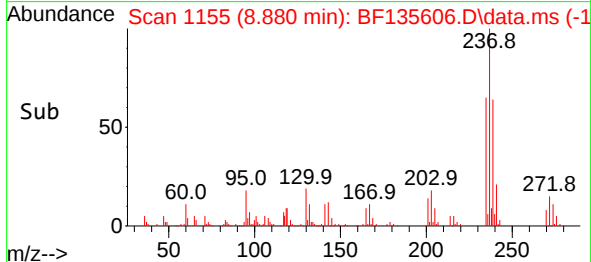
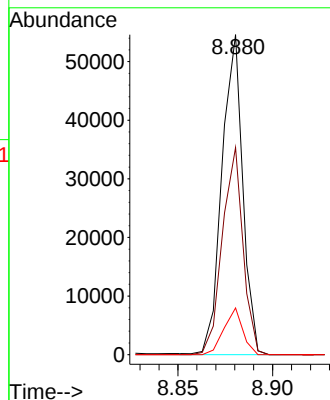
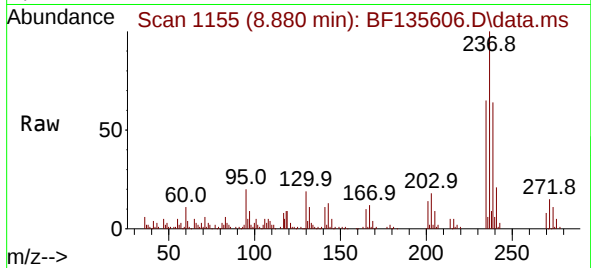




#41
Hexachlorocyclopentadiene
Concen: 23.995 ng
RT: 8.880 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

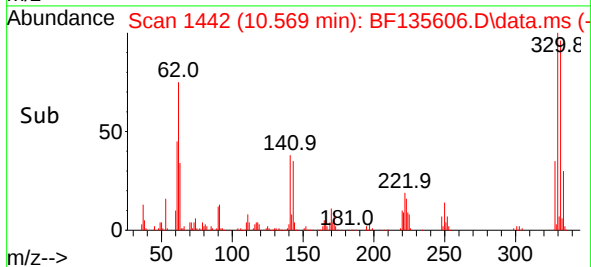
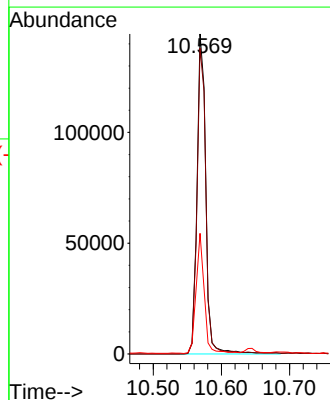
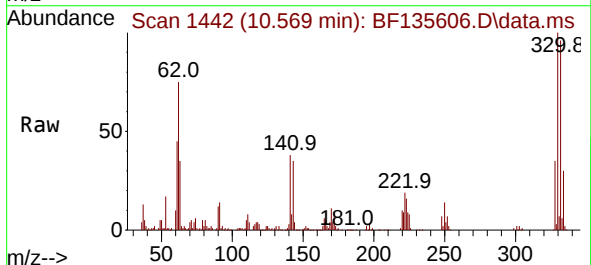
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

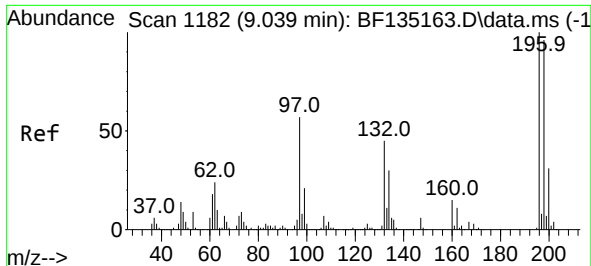
Tgt Ion:237 Resp: 41666
Ion Ratio Lower Upper
237 100
235 64.8 41.8 81.8
272 14.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 73.232 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:330 Resp: 129803
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 34.8 25.8 38.8

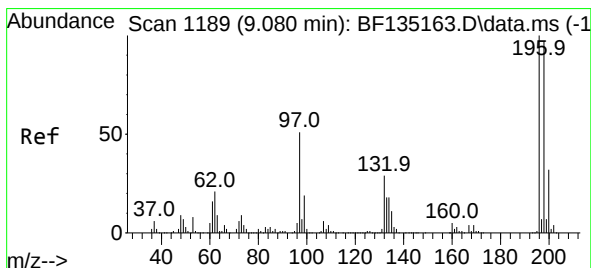
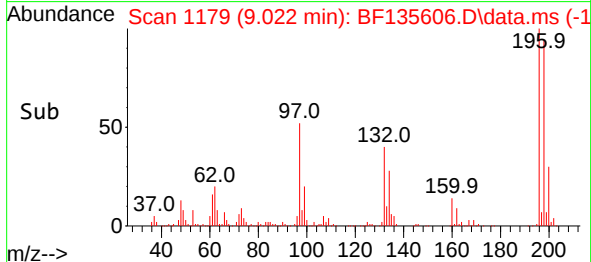
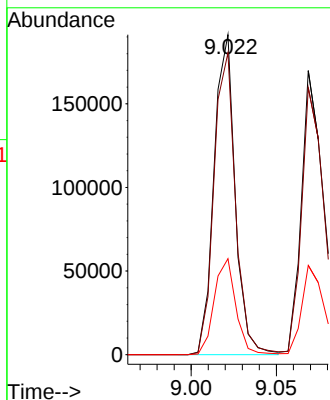
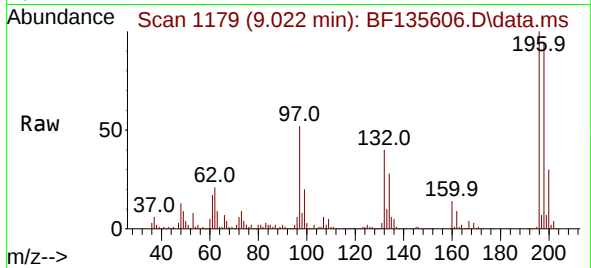




#43
2,4,6-Trichlorophenol
Concen: 48.814 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

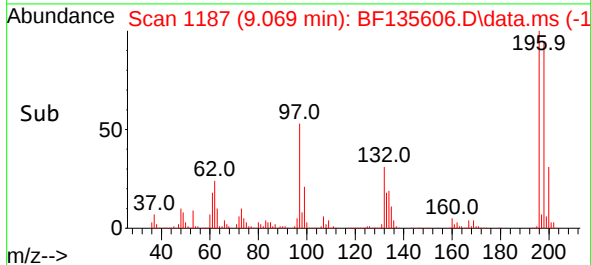
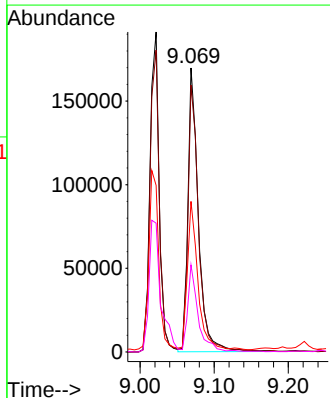
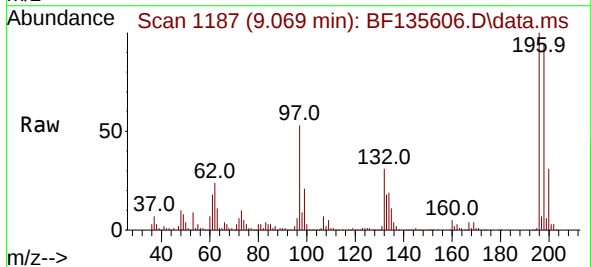
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

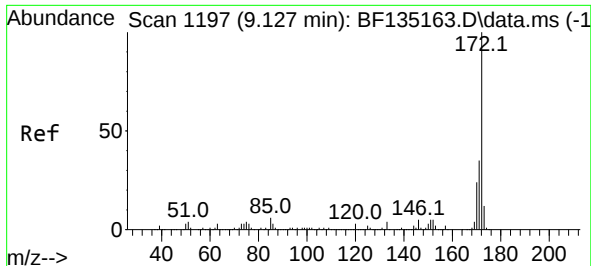
Tgt Ion:196 Resp: 165152
Ion Ratio Lower Upper
196 100
198 94.3 77.0 115.6
200 30.0 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 43.157 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:196 Resp: 168150
Ion Ratio Lower Upper
196 100
198 94.0 77.5 116.3
97 53.0 40.5 60.7
132 30.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 65.102 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

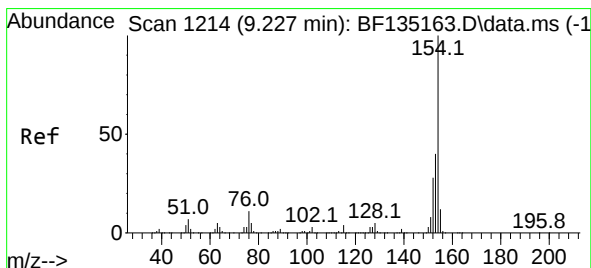
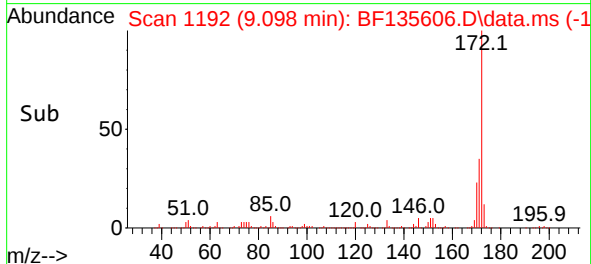
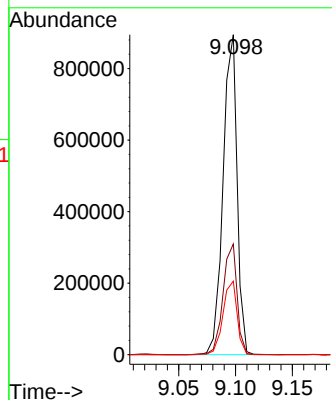
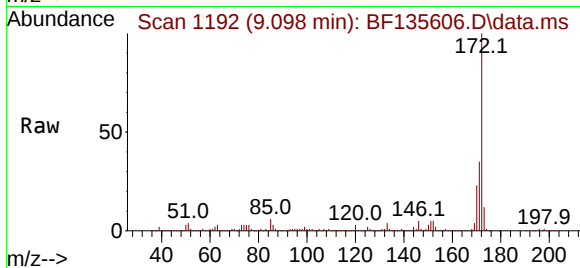
Tgt Ion:172 Resp: 769646

Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 22.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.810 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

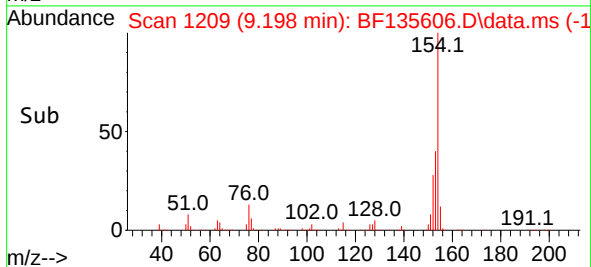
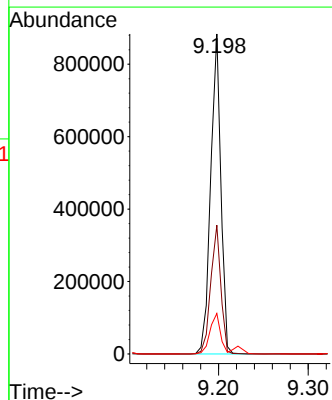
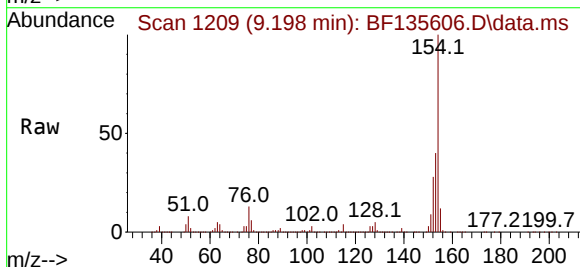
Tgt Ion:154 Resp: 696447

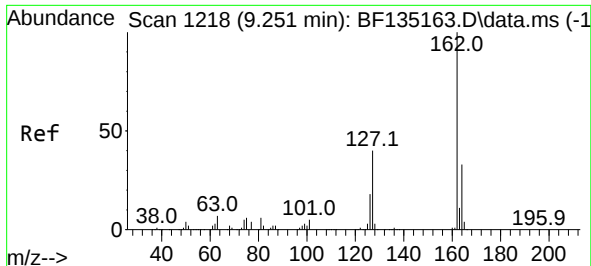
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 12.7 0.0 31.0

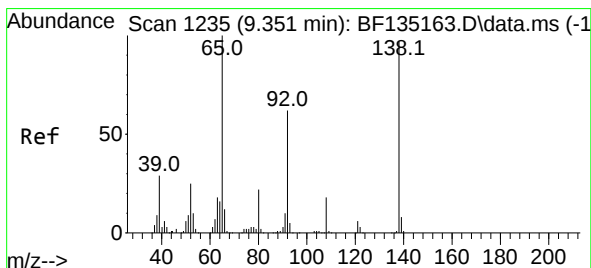
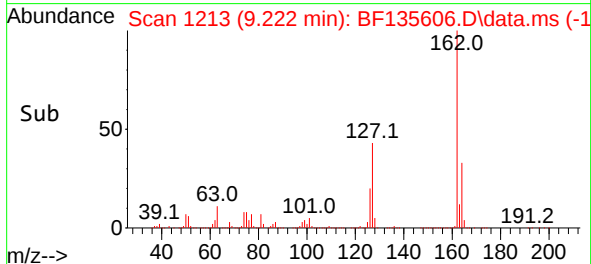
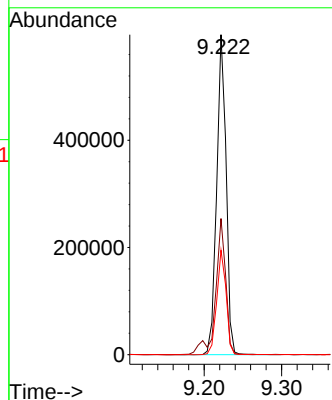
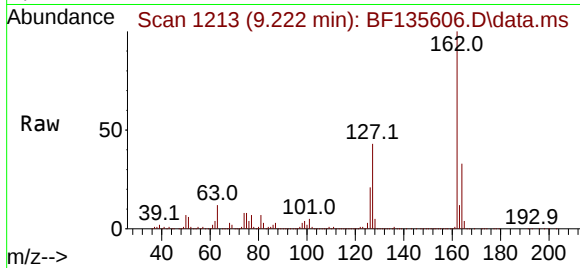




#47
2-Chloronaphthalene
Concen: 50.759 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

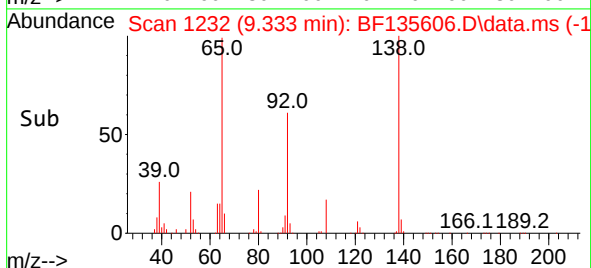
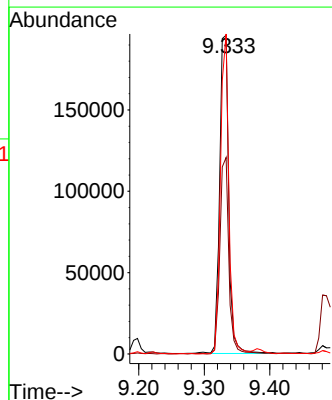
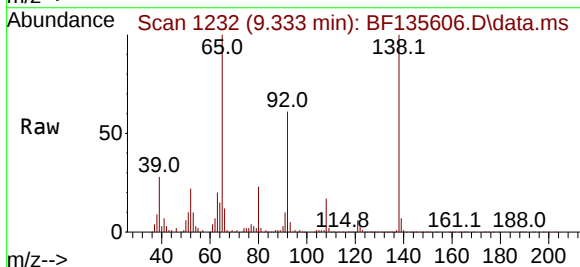
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

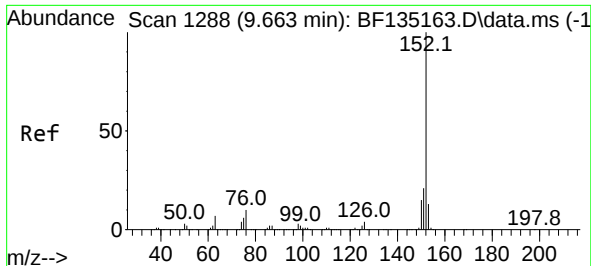
Tgt Ion:162 Resp: 504803
Ion Ratio Lower Upper
162 100
127 42.5 32.6 48.8
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 48.490 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 65 Resp: 187348
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.0
138 100.4 77.4 116.0





#49

Acenaphthylene

Concen: 46.446 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

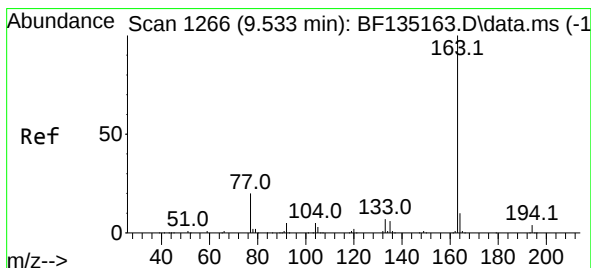
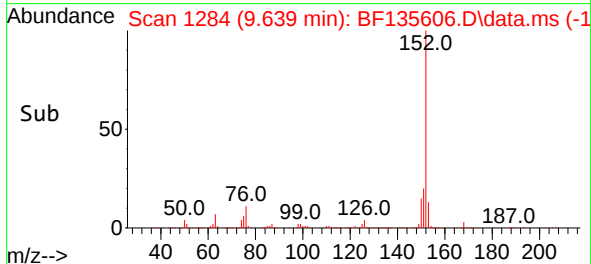
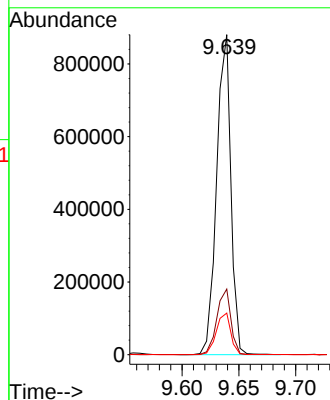
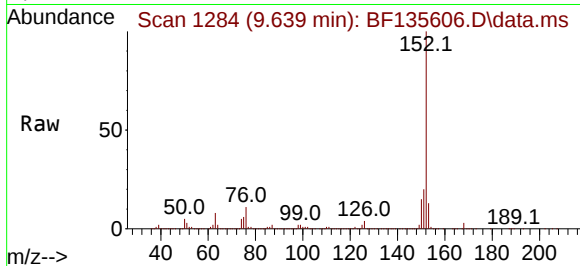
Tgt Ion:152 Resp: 767663

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 48.361 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

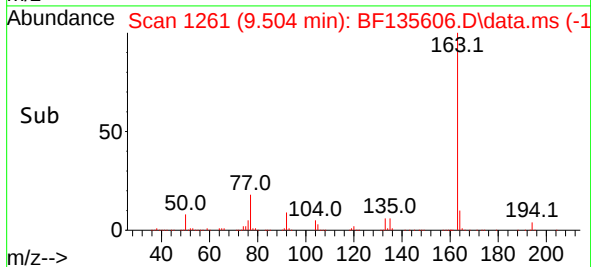
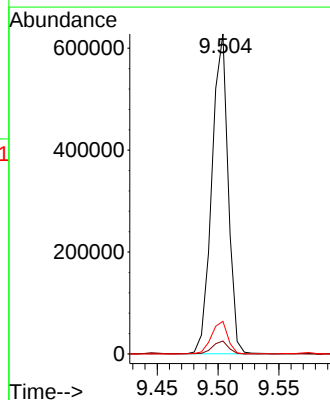
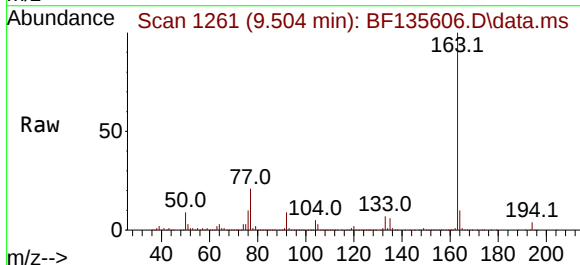
Tgt Ion:163 Resp: 583197

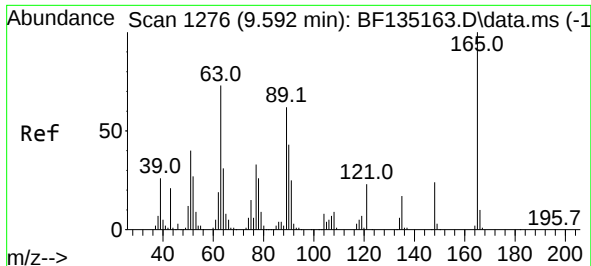
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.1 12.1

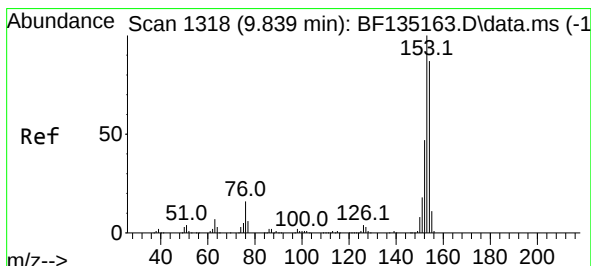
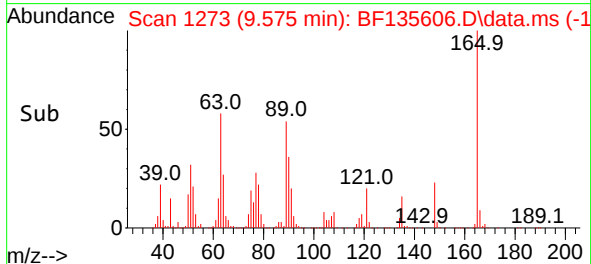
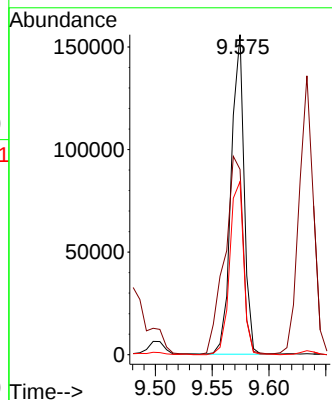
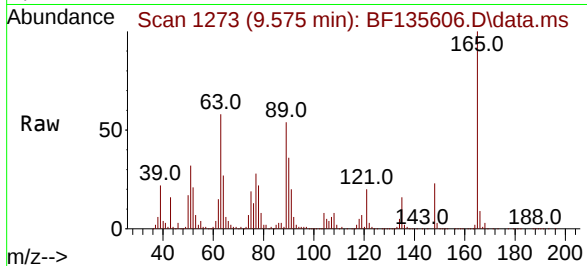




#51
2,6-Dinitrotoluene
Concen: 46.511 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

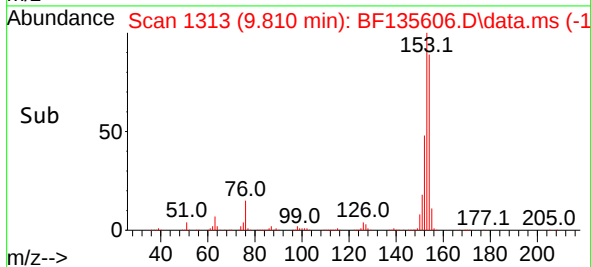
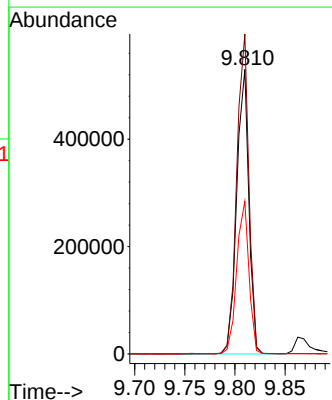
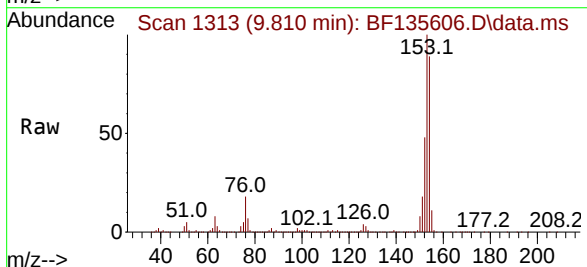
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

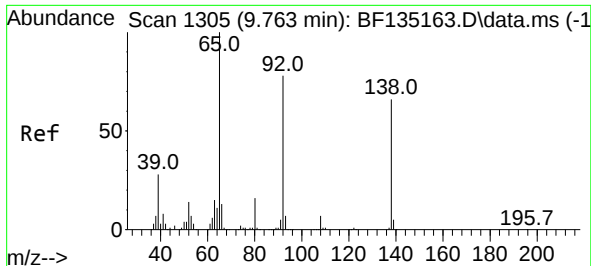
Tgt Ion:165 Resp: 122870
Ion Ratio Lower Upper
165 100
63 57.9 59.4 89.2#
89 54.1 49.8 74.8



#52
Acenaphthene
Concen: 45.991 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:154 Resp: 449054
Ion Ratio Lower Upper
154 100
153 112.5 92.1 138.1
152 53.7 43.1 64.7

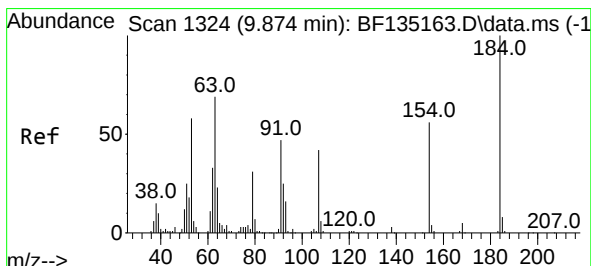
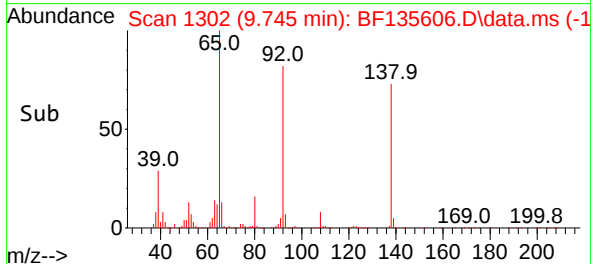
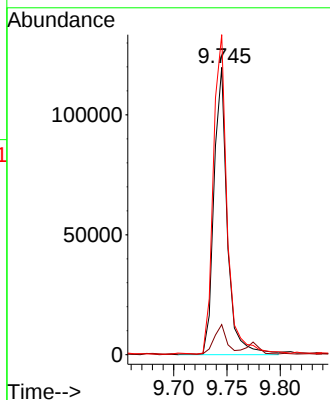
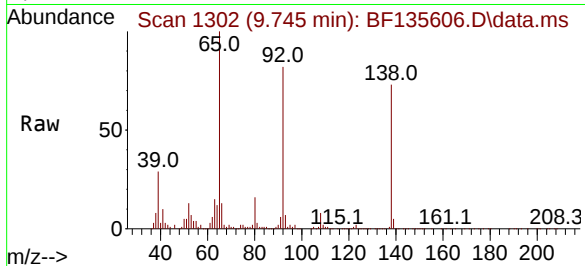




#53
3-Nitroaniline
Concen: 33.828 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

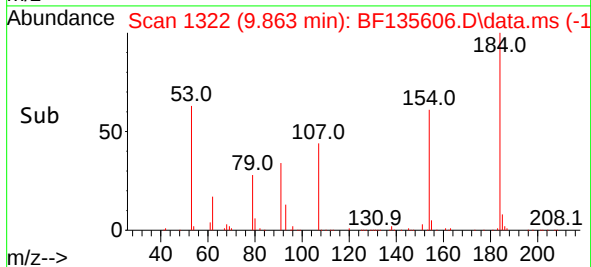
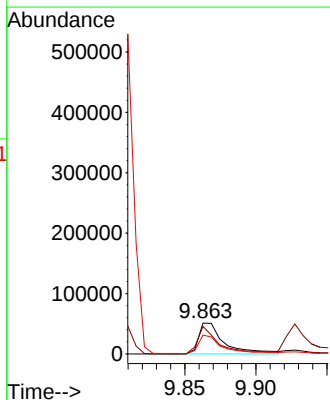
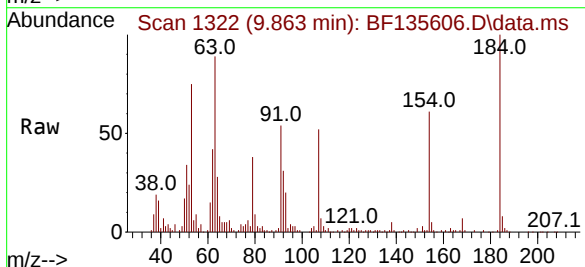
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

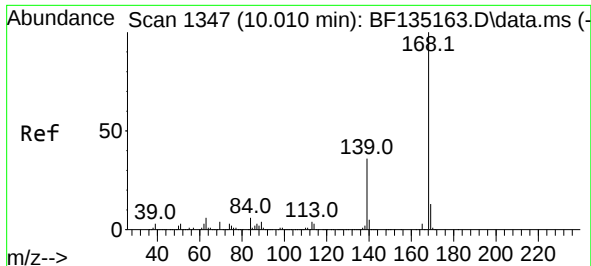
Tgt Ion:138 Resp: 104901
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 111.4 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 46.008 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:184 Resp: 64681
Ion Ratio Lower Upper
184 100
63 88.9 55.1 82.7#
154 61.2 48.4 72.6

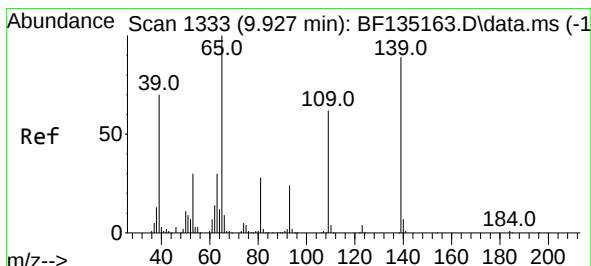
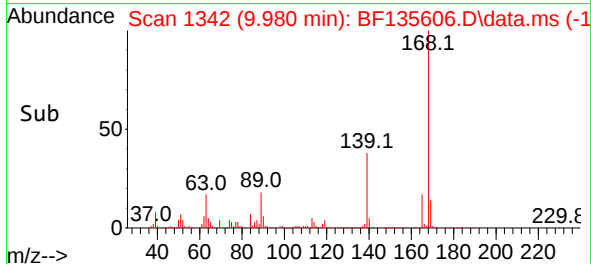
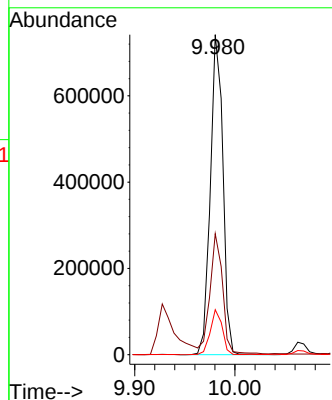
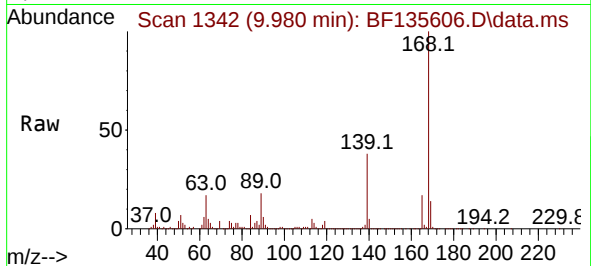




#55
Dibenzofuran
Concen: 43.438 ng
RT: 9.980 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

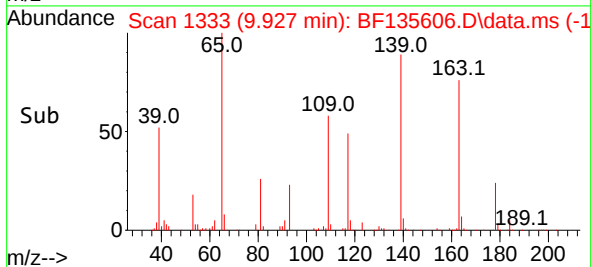
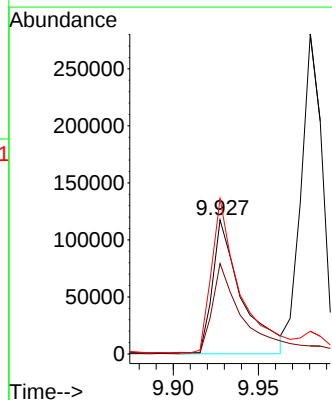
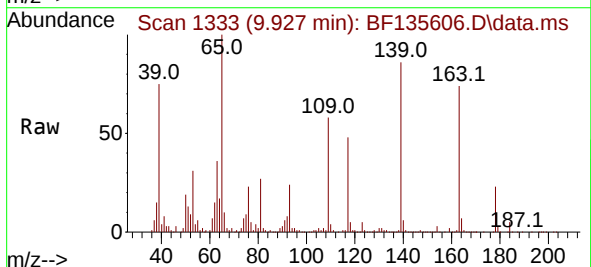
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

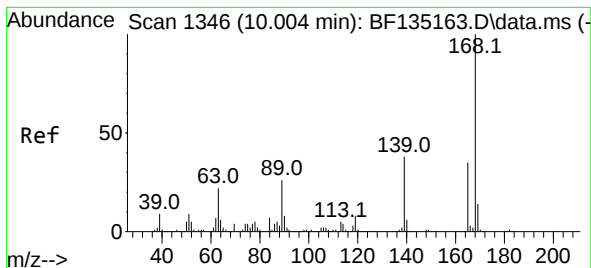
Tgt Ion:168 Resp: 647210
Ion Ratio Lower Upper
168 100
139 37.8 29.0 43.6
169 14.0 10.4 15.6



#56
4-Nitrophenol
Concen: 70.539 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

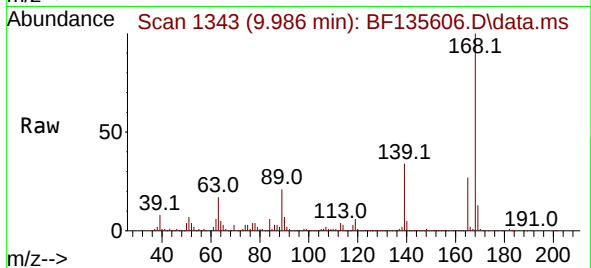
Tgt Ion:139 Resp: 139021
Ion Ratio Lower Upper
139 100
109 67.4 49.8 89.8
65 115.9 92.7 132.7



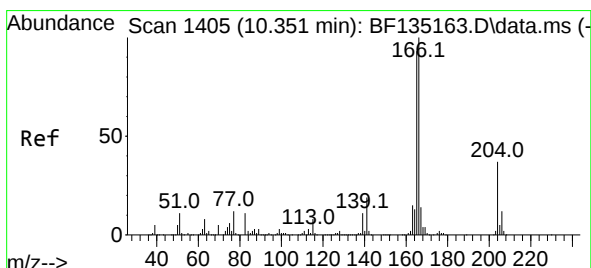
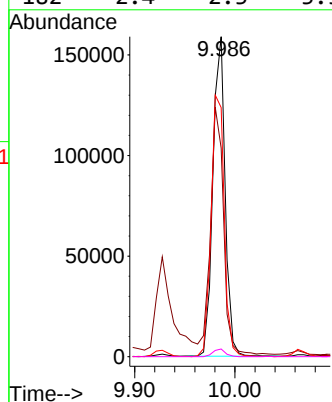
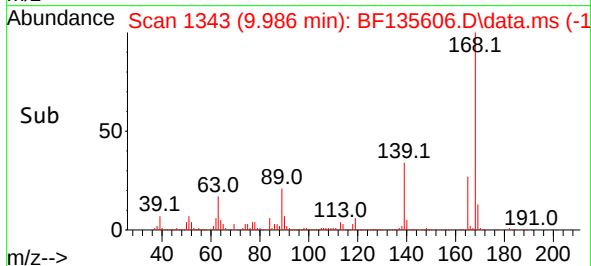


#57
2,4-Dinitrotoluene
Concen: 40.893 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

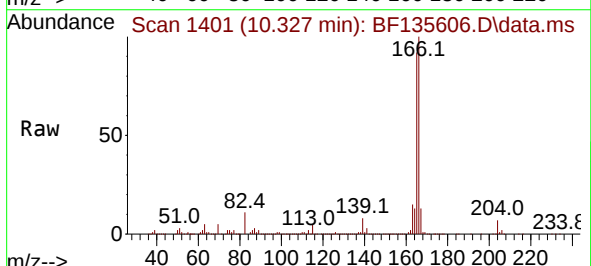
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD



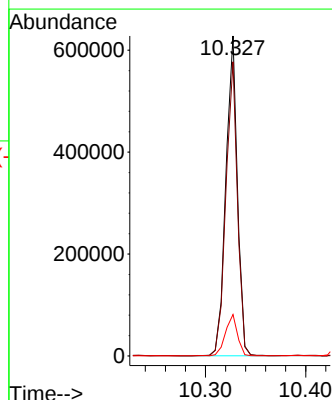
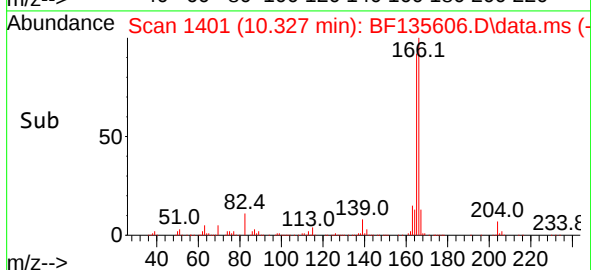
Tgt Ion:165 Resp: 135244
Ion Ratio Lower Upper
165 100
63 65.2 50.1 75.1
89 77.9 59.3 88.9
182 2.4 2.3 3.5



#58
Fluorene
Concen: 43.696 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39



Tgt Ion:166 Resp: 500510
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 12.9 10.9 16.3

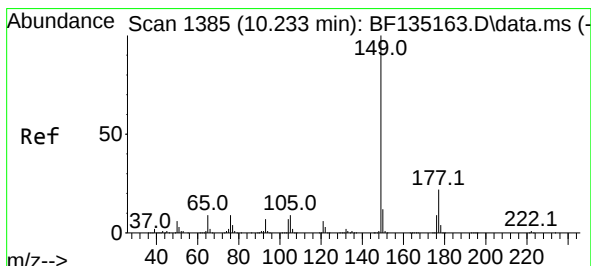
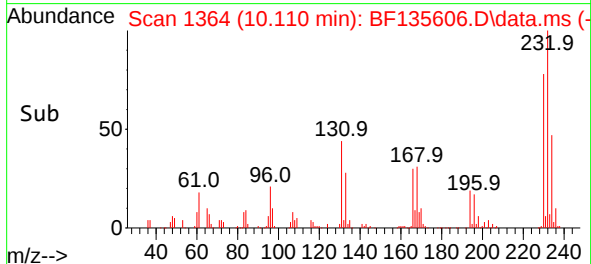
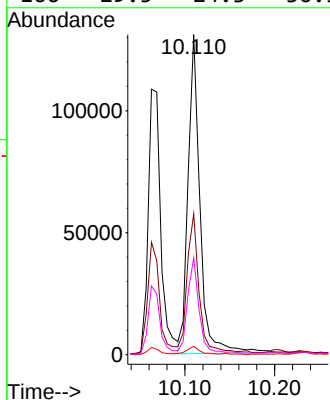
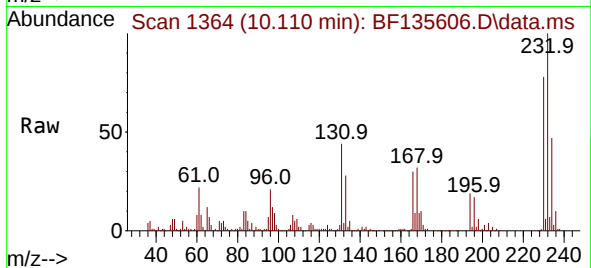




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.163 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

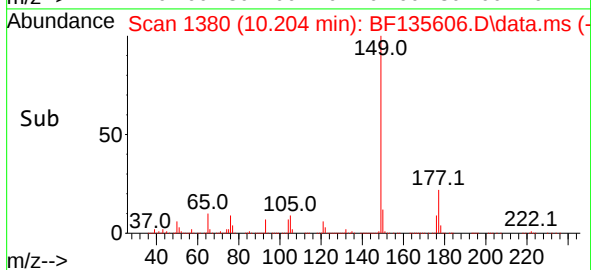
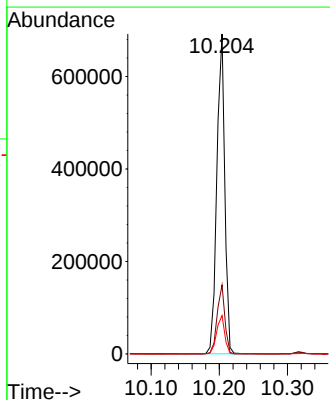
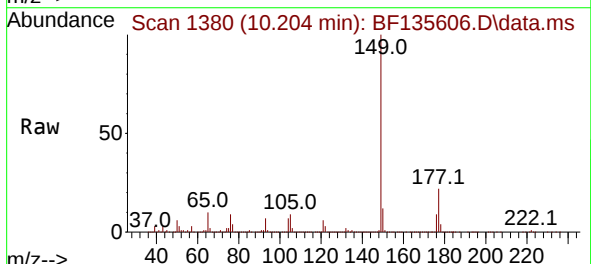
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

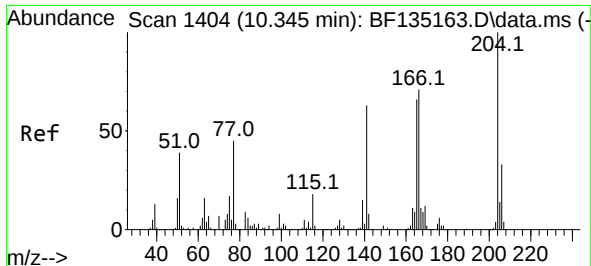
Tgt Ion:232 Resp: 120374
Ion Ratio Lower Upper
232 100
131 43.7 35.4 53.2
130 2.4 1.8 2.8
166 29.5 24.3 36.5



#60
Diethylphthalate
Concen: 46.352 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:149 Resp: 560974
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.0 10.0 15.0

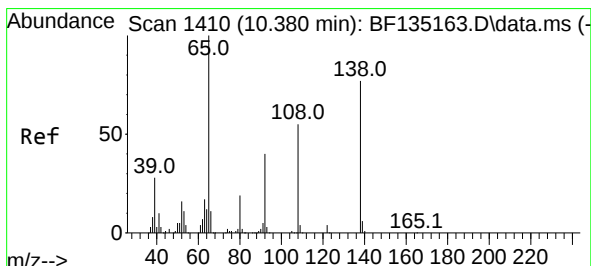
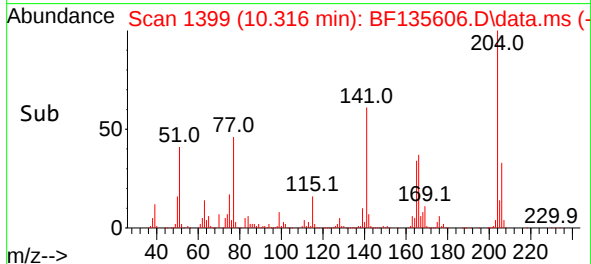
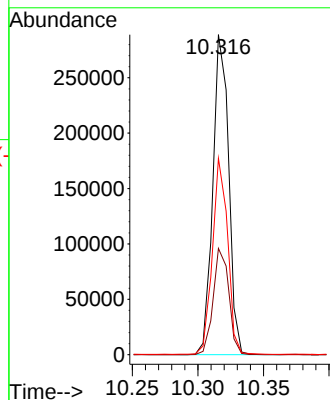
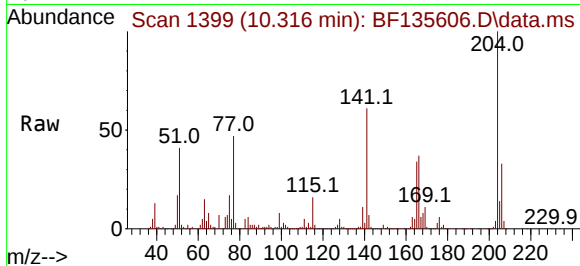




#61
4-Chlorophenyl-phenylether
Concen: 44.001 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

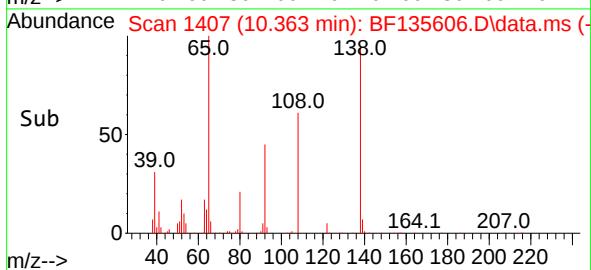
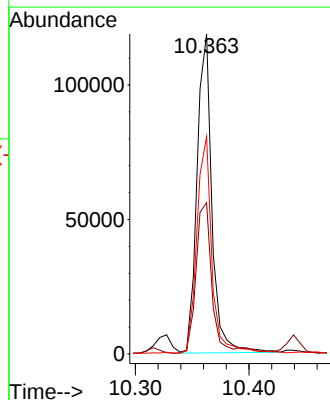
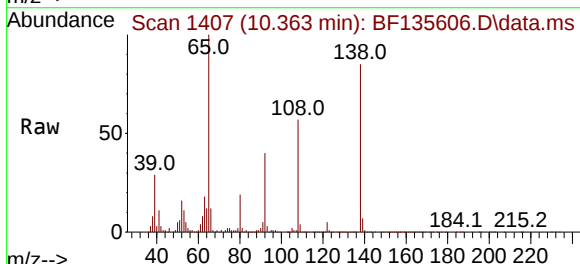
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

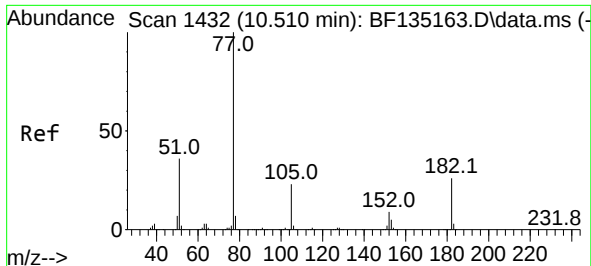
Tgt Ion:204 Resp: 242102
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 61.4 50.6 75.8



#62
4-Nitroaniline
Concen: 36.183 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:138 Resp: 107853
Ion Ratio Lower Upper
138 100
92 47.2 31.8 71.8
108 67.9 52.0 92.0

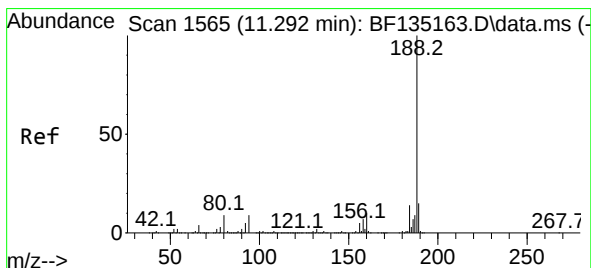
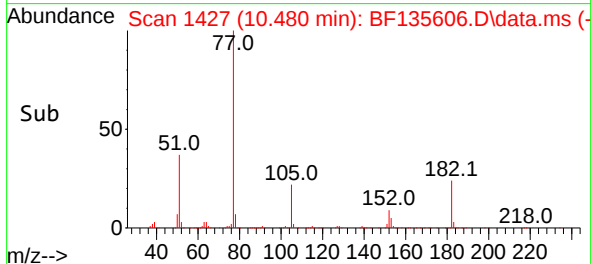
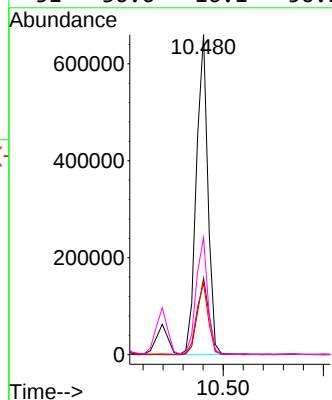
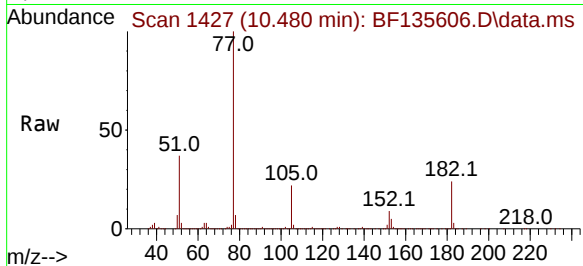




#63
Azobenzene
Concen: 44.581 ng
RT: 10.480 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

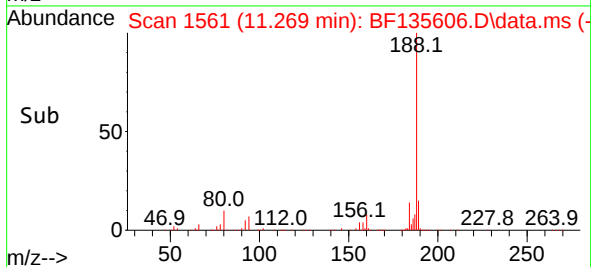
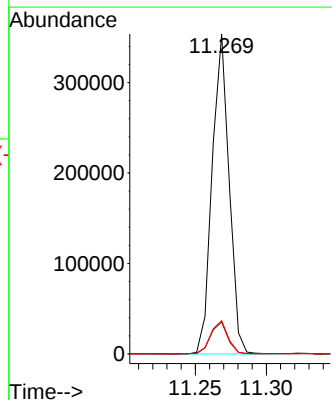
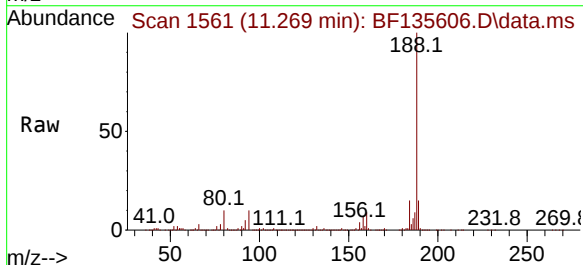
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

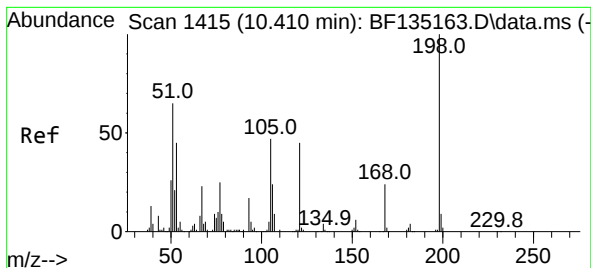
Tgt Ion: 77	Resp: 528042
Ion Ratio	Lower Upper
77 100	
182 23.9	6.4 46.4
105 22.3	3.1 43.1
51 36.6	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:188	Resp: 294580
Ion Ratio	Lower Upper
188 100	
94 9.9	7.0 10.6
80 10.4	7.5 11.3

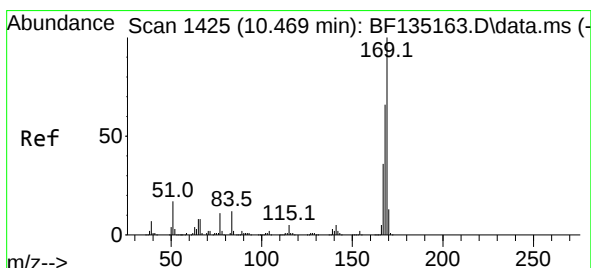
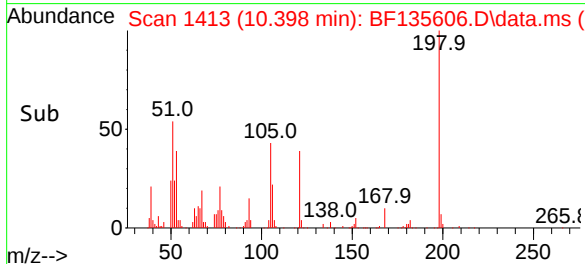
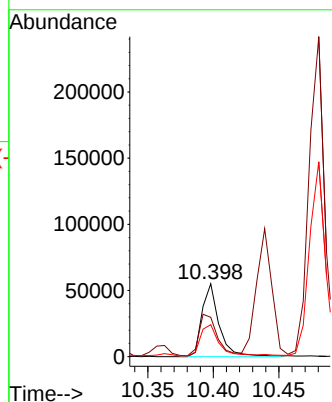
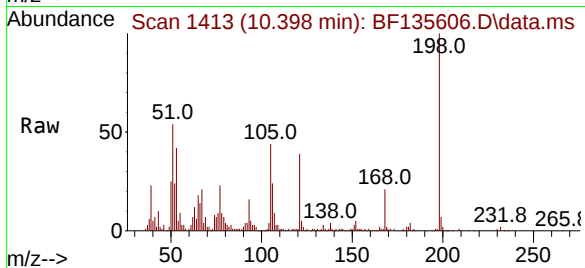




#65
4,6-Dinitro-2-methylphenol
Concen: 31.851 ng
RT: 10.398 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

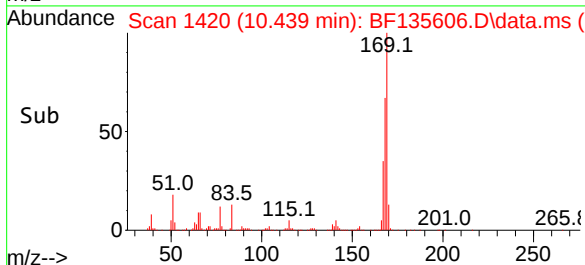
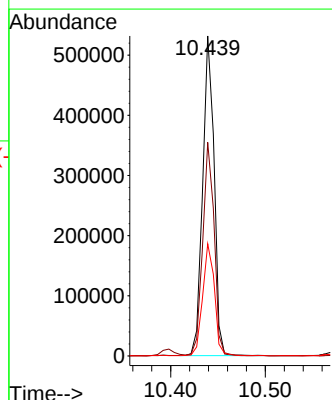
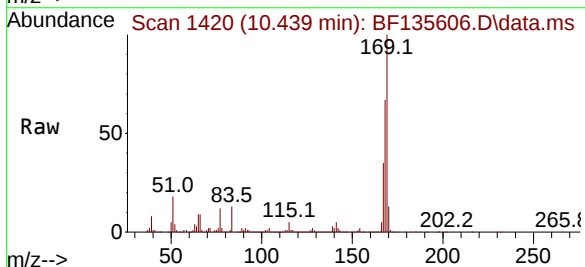
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

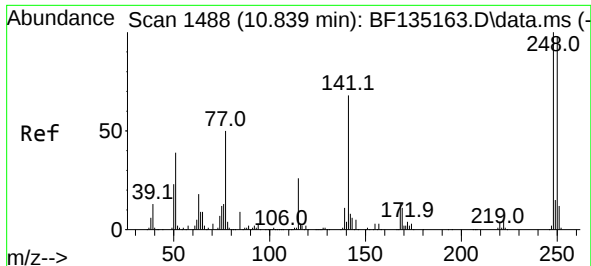
Tgt Ion:198 Resp: 49835
Ion Ratio Lower Upper
198 100
51 53.9 47.7 87.7
105 43.8 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 49.844 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:169 Resp: 444524
Ion Ratio Lower Upper
169 100
168 66.7 52.8 79.2
167 35.1 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 48.159 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

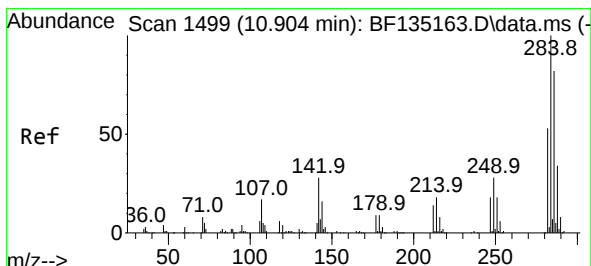
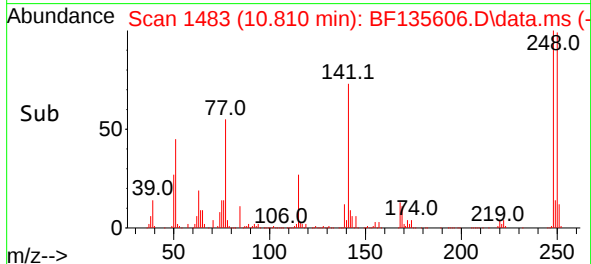
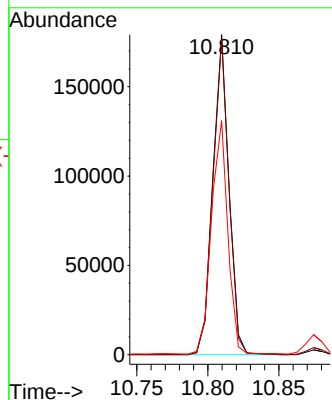
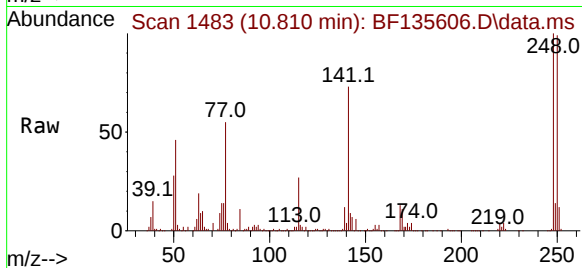
Tgt Ion:248 Resp: 141098

Ion Ratio Lower Upper

248 100

250 98.9 78.6 117.8

141 73.1 54.2 81.2



#68

Hexachlorobenzene

Concen: 47.951 ng

RT: 10.874 min Scan# 1494

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

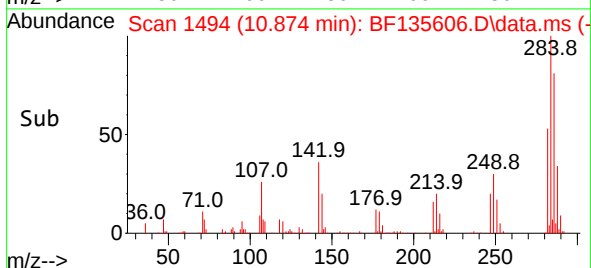
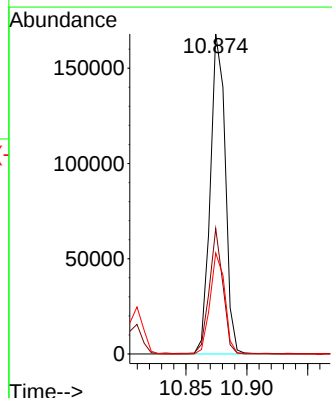
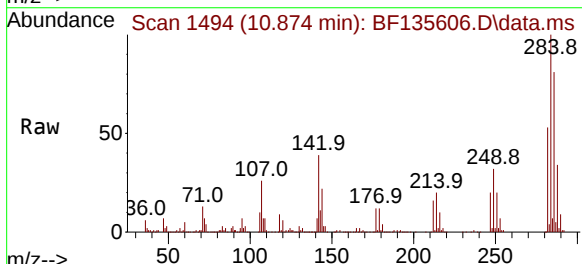
Tgt Ion:284 Resp: 143125

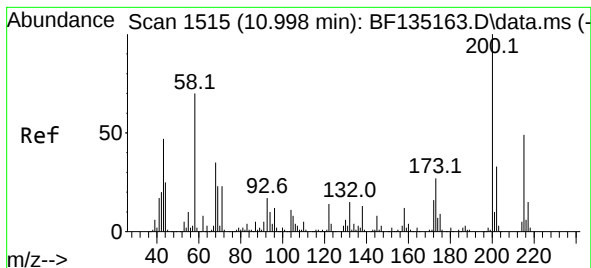
Ion Ratio Lower Upper

284 100

142 39.2 22.2 33.4#

249 31.5 22.5 33.7





#69

Atrazine

Concen: 53.232 ng

RT: 10.974 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

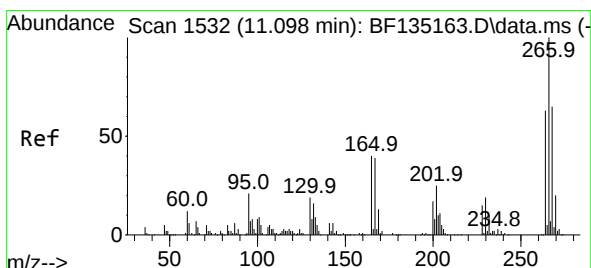
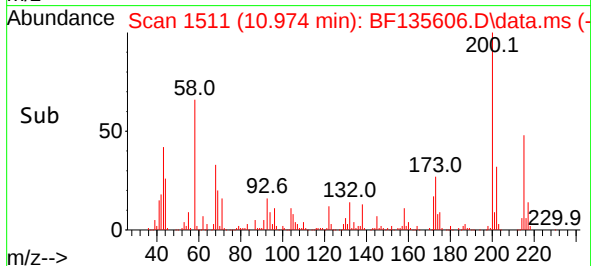
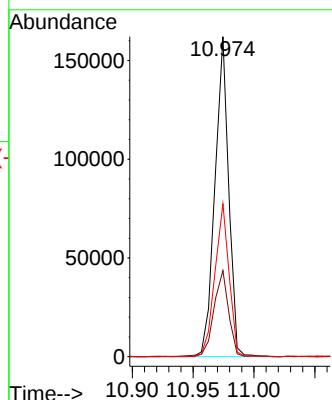
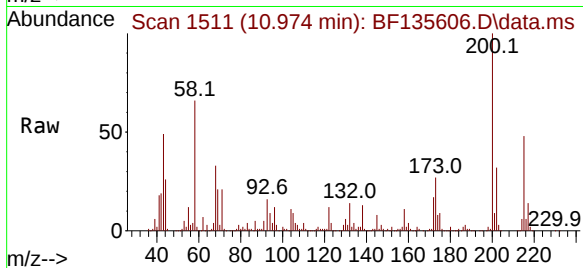
Tgt Ion:200 Resp: 127738

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 47.8 28.6 68.6



#70

Pentachlorophenol

Concen: 65.490 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

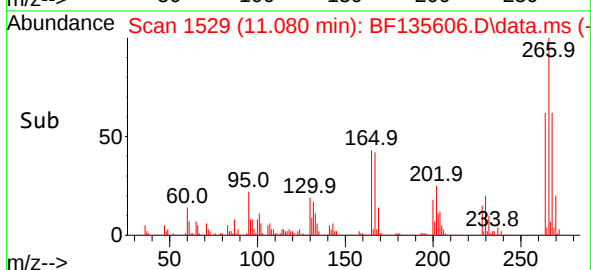
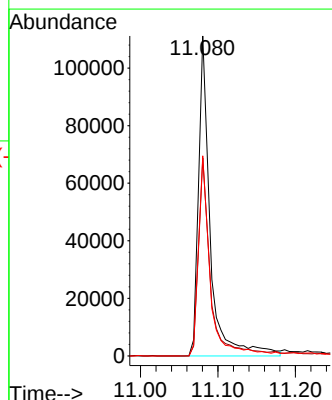
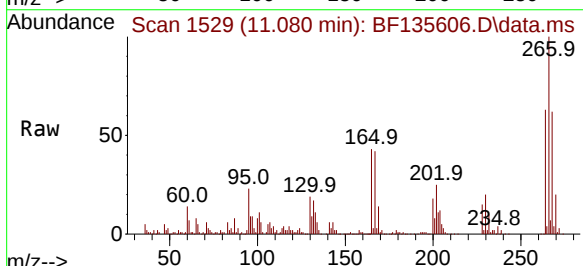
Tgt Ion:266 Resp: 116953

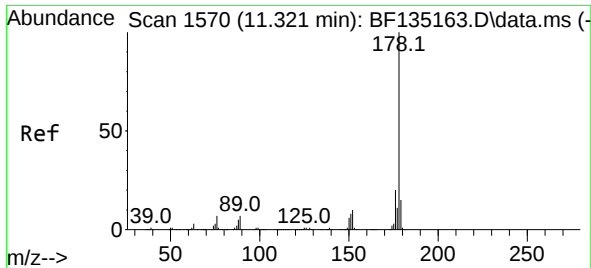
Ion Ratio Lower Upper

266 100

268 61.9 52.1 78.1

264 62.6 50.8 76.2

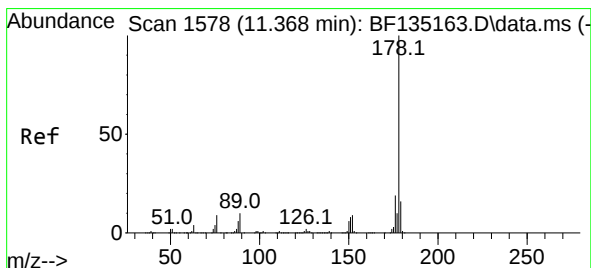
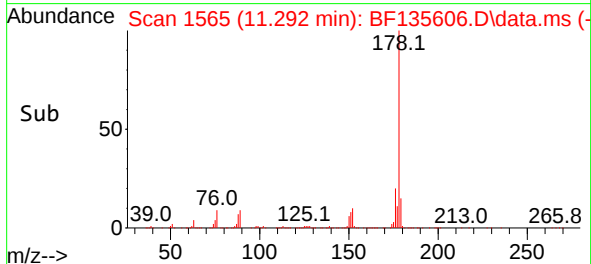
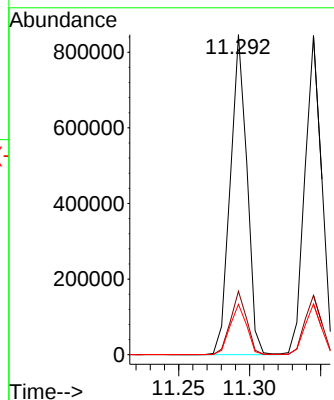
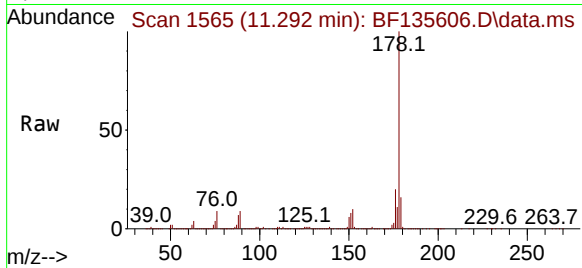




#71
Phenanthrene
Concen: 49.640 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

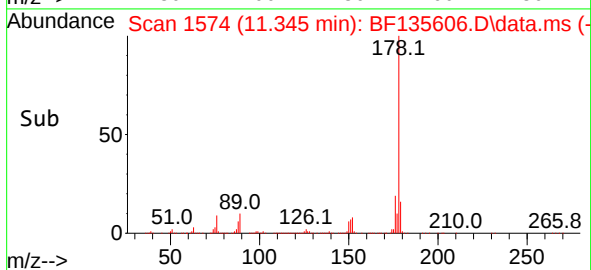
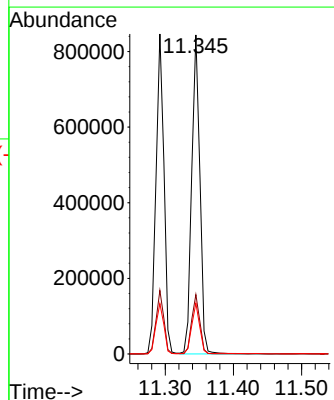
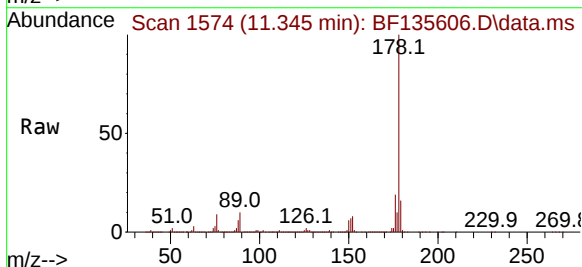
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

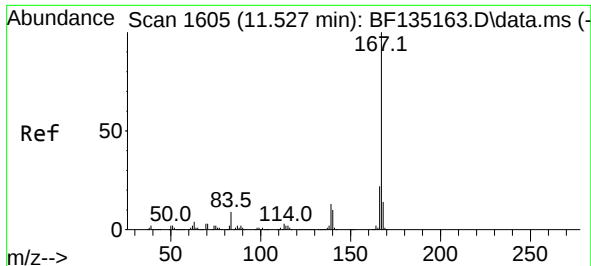
Tgt Ion:178 Resp: 691606
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.7 12.0 18.0



#72
Anthracene
Concen: 48.703 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:178 Resp: 697468
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.9 12.6 19.0

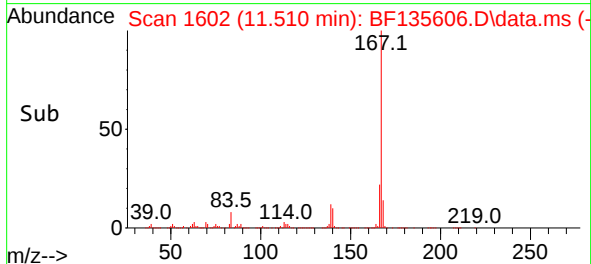
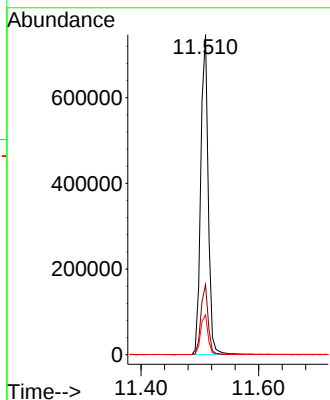
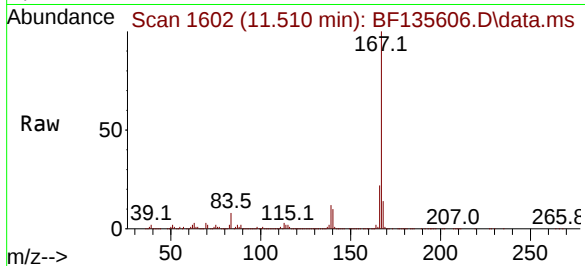




#73
Carbazole
Concen: 50.336 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

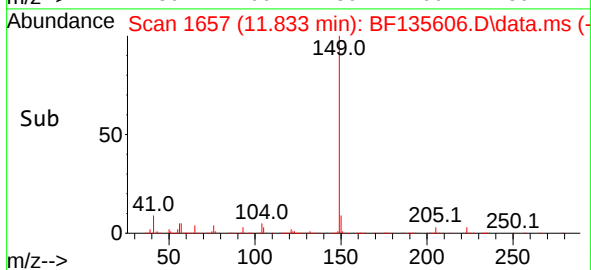
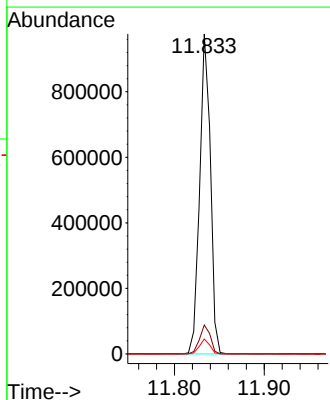
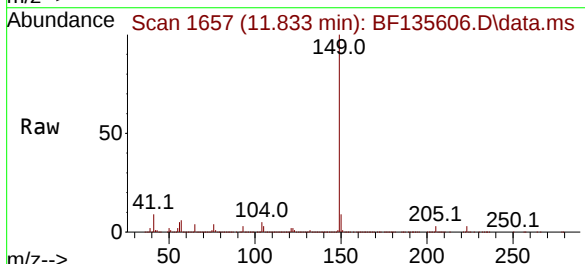
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

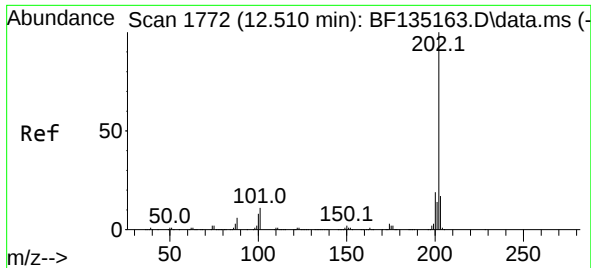
Tgt Ion:167 Resp: 656215
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.0
139 12.4 10.6 15.8



#74
Di-n-butylphthalate
Concen: 52.629 ng
RT: 11.833 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:149 Resp: 808469
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.6 3.6 5.4

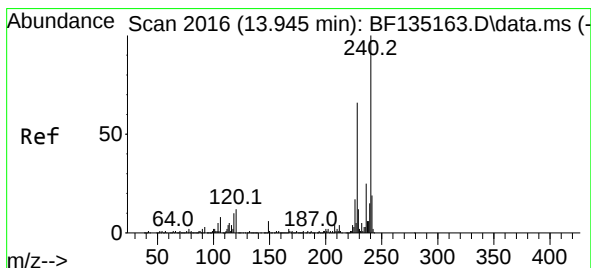
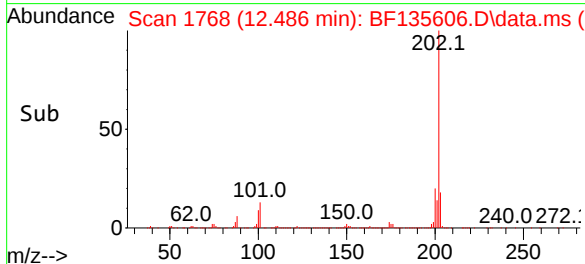
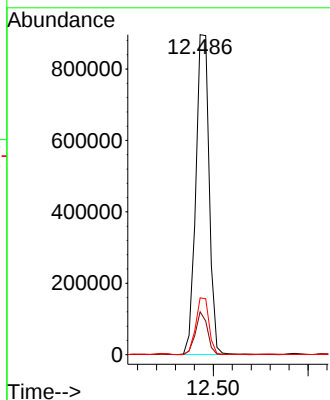
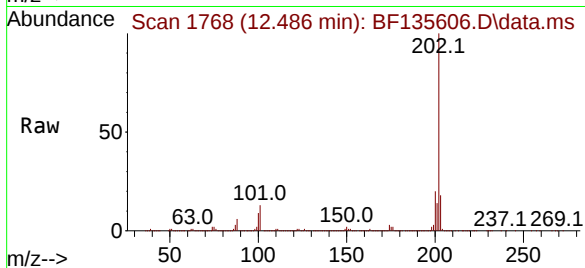




#75
Fluoranthene
Concen: 60.628 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

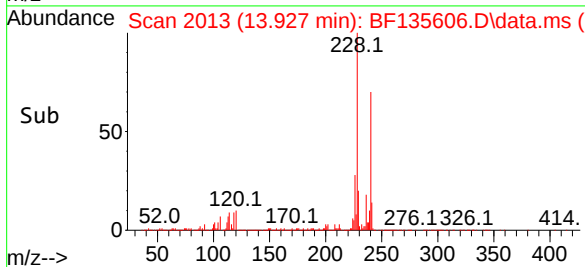
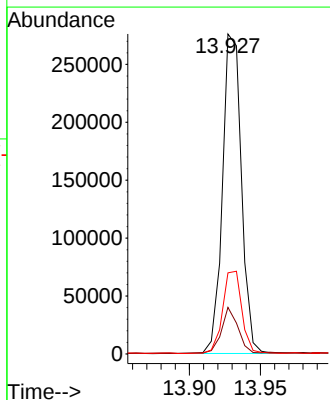
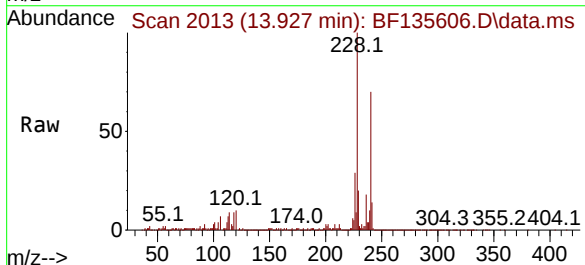
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

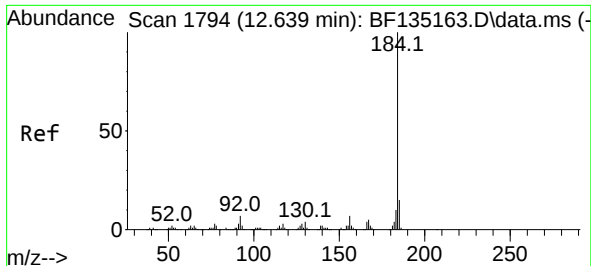
Tgt Ion:202 Resp: 880154
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.3
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:240 Resp: 255084
Ion Ratio Lower Upper
240 100
120 14.5 9.4 14.2#
236 25.4 19.8 29.8

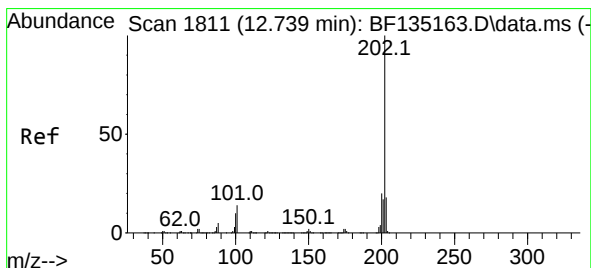
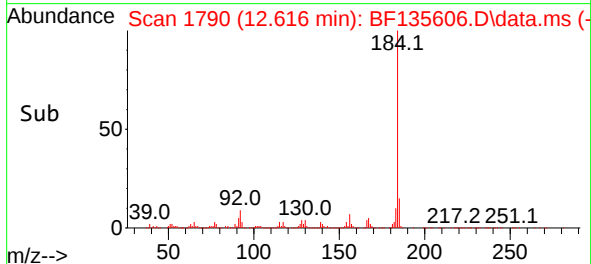
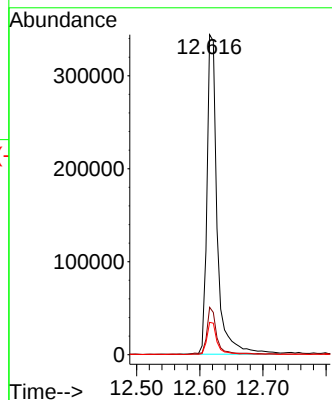
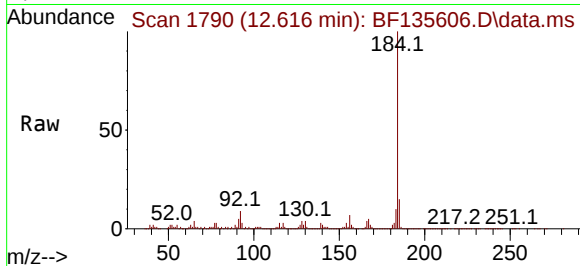




#77
Benzidine
Concen: 74.446 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

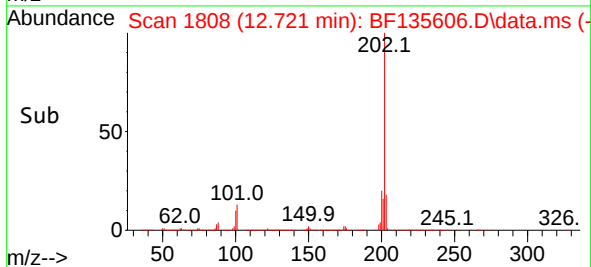
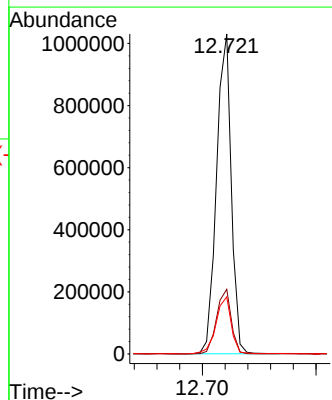
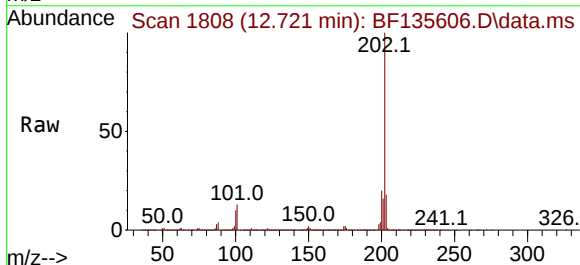
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

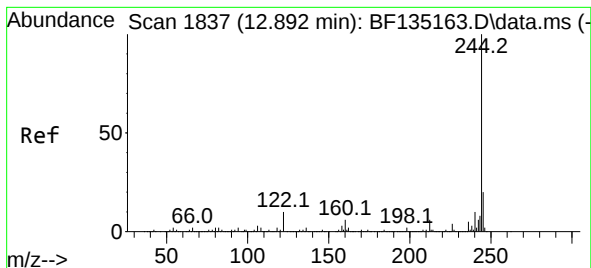
Tgt Ion:184 Resp: 389044
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.1 8.2 12.4



#78
Pyrene
Concen: 38.205 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:202 Resp: 927847
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 43.345 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

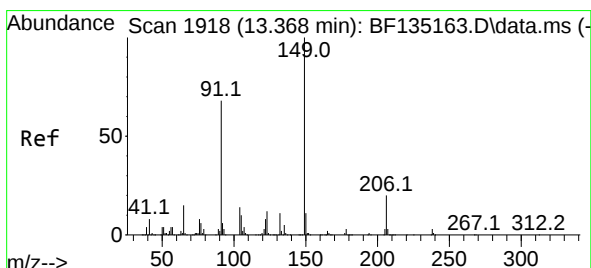
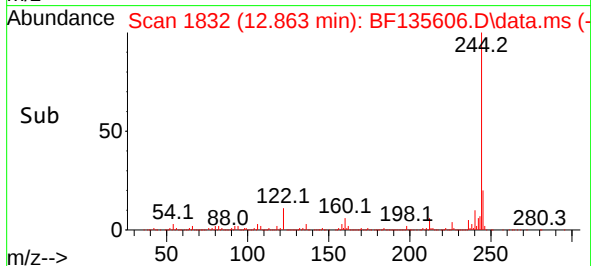
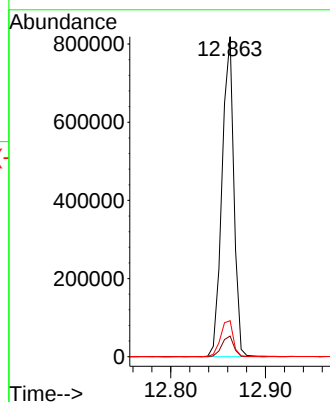
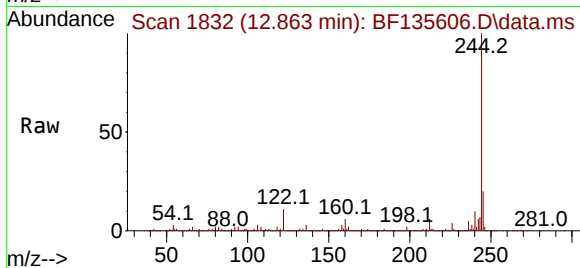
Tgt Ion:244 Resp: 713240

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.3 7.9 11.9



#80

Butylbenzylphthalate

Concen: 45.139 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

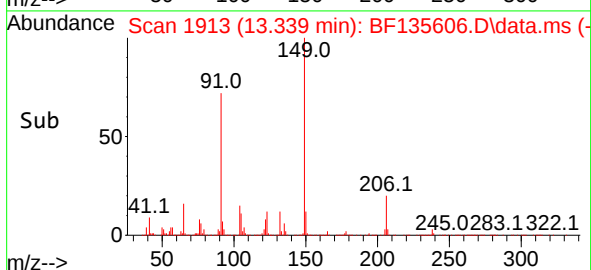
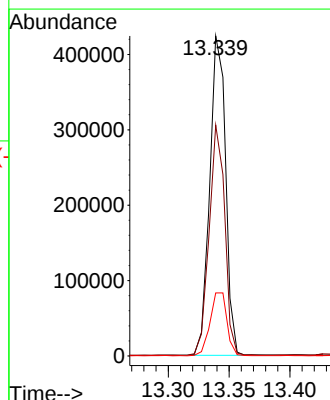
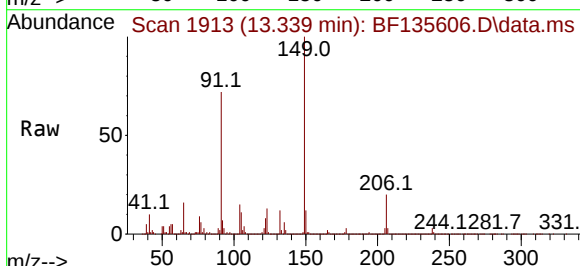
Tgt Ion:149 Resp: 385969

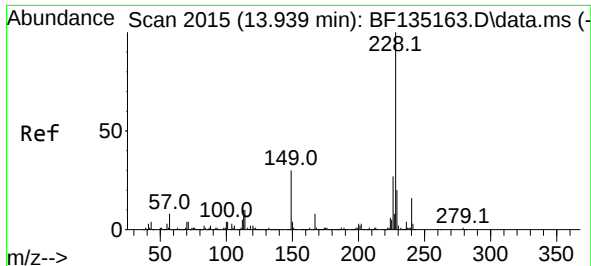
Ion Ratio Lower Upper

149 100

91 72.2 54.7 82.1

206 19.7 16.3 24.5

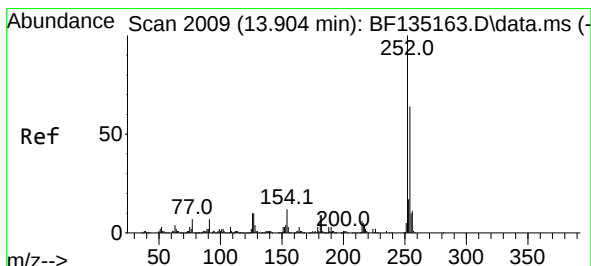
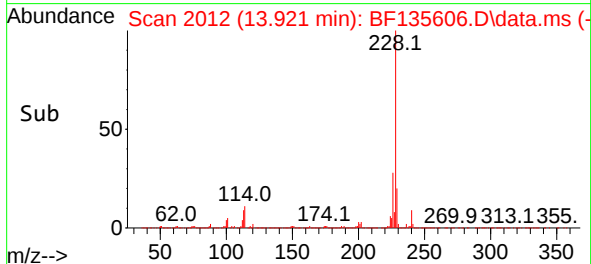
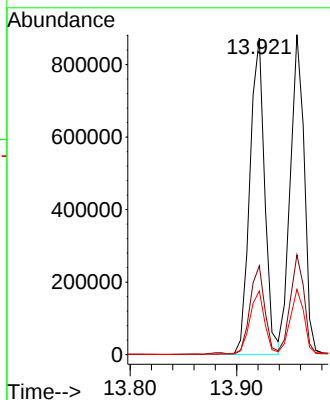
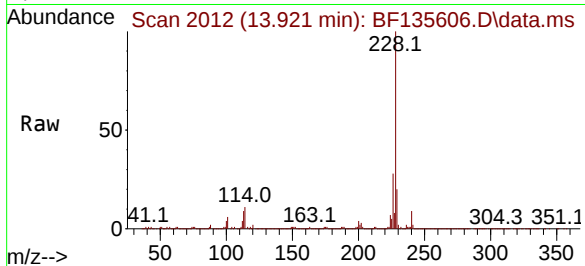




#81
Benzo(a)anthracene
Concen: 51.476 ng
RT: 13.921 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

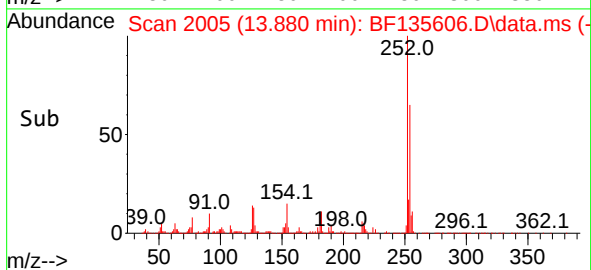
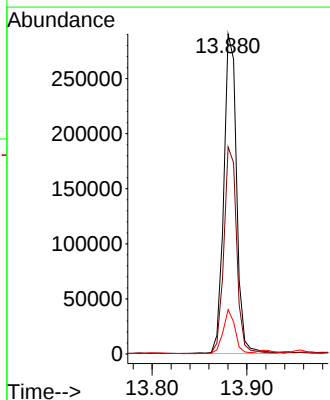
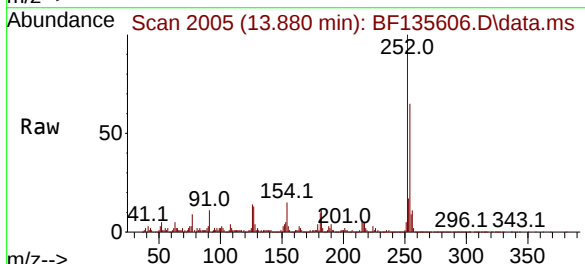
Instrument :
BNA_F
ClientSampleId :
NB-08-092923MSD

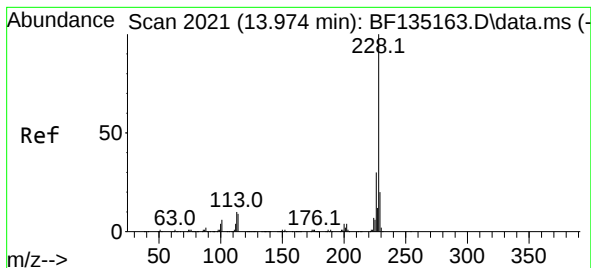
Tgt Ion:228 Resp: 847886
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 53.270 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF135606.D
Acq: 05 Oct 2023 18:39

Tgt Ion:252 Resp: 274070
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.4
126 13.9 7.8 11.8#





#83

Chrysene

Concen: 48.980 ng

RT: 13.957 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

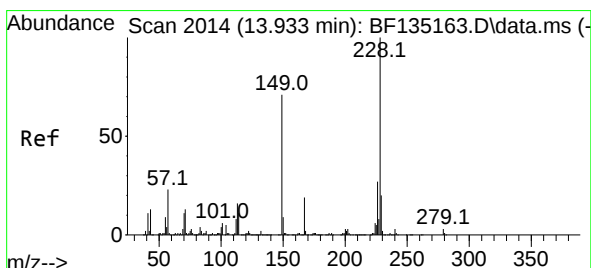
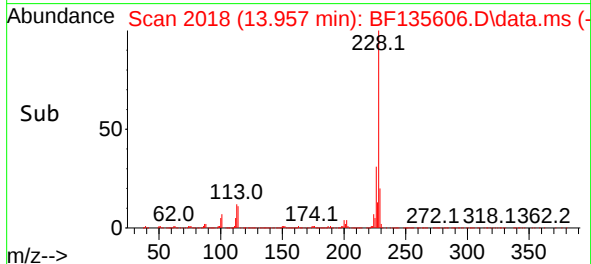
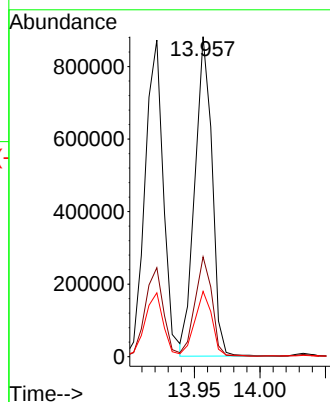
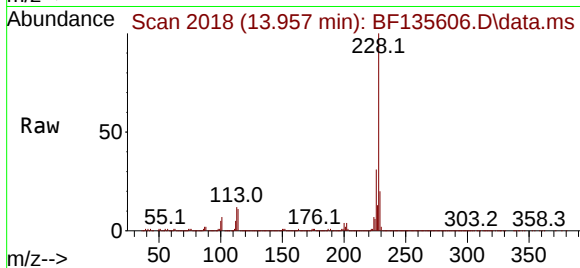
Tgt Ion:228 Resp: 802109

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.888 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

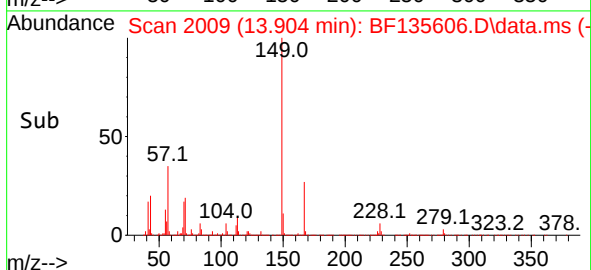
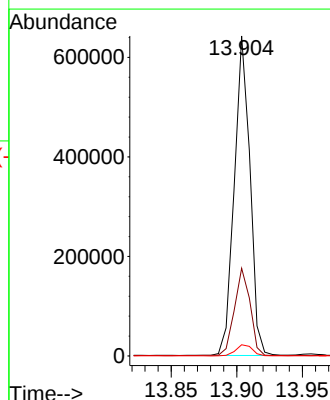
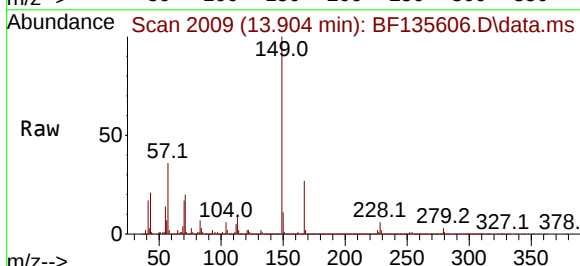
Tgt Ion:149 Resp: 534263

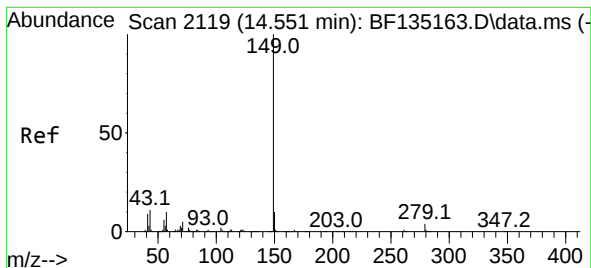
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 72.342 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

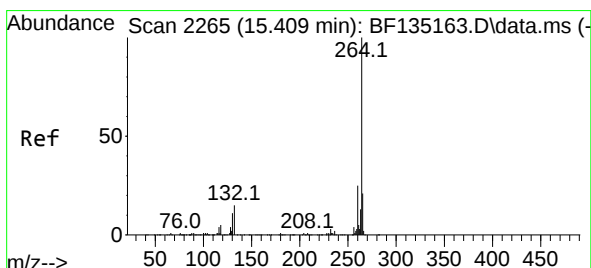
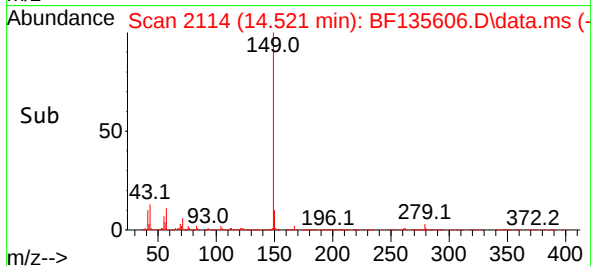
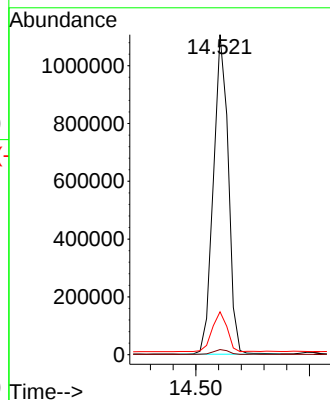
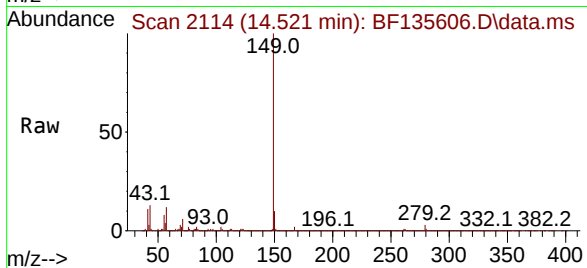
Tgt Ion:149 Resp: 1008759

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

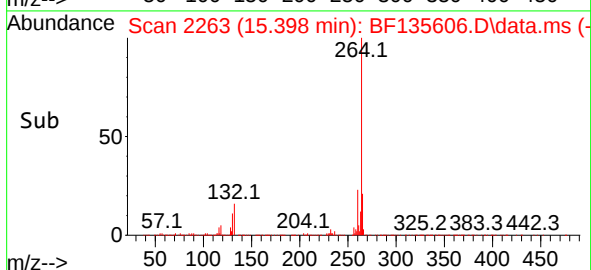
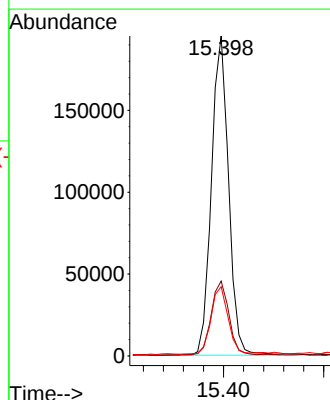
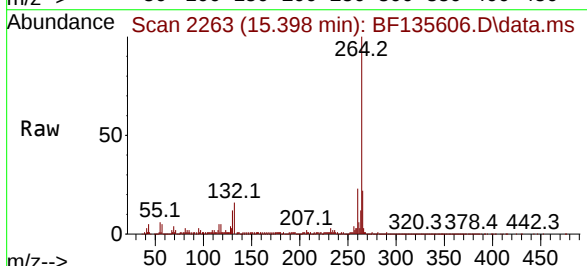
Tgt Ion:264 Resp: 231563

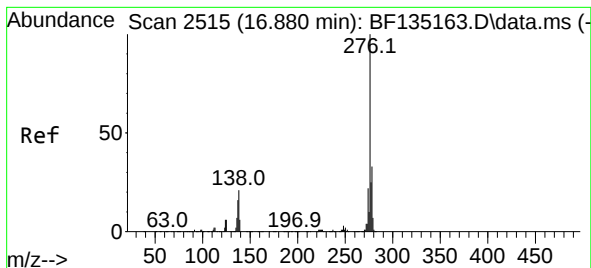
Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.869 ng

RT: 16.886 min Scan# 211

Delta R.T. 0.018 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

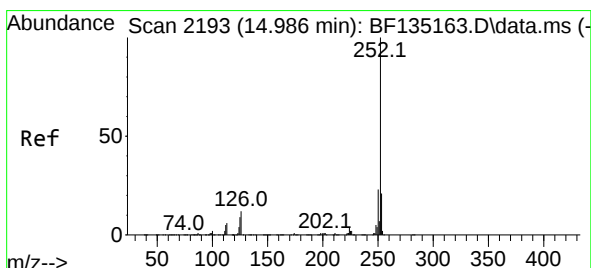
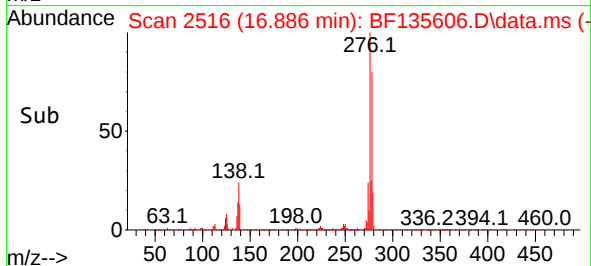
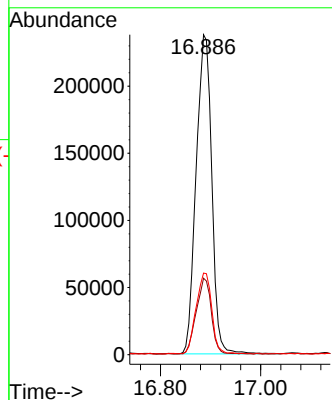
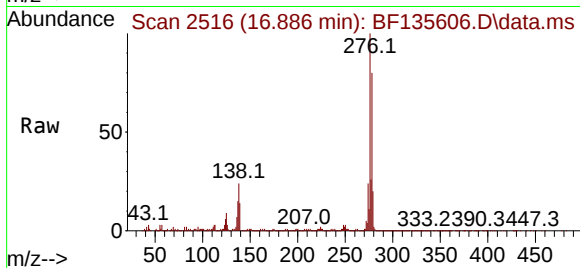
Tgt Ion:276 Resp: 514225

Ion Ratio Lower Upper

276 100

138 22.9 19.2 28.8

277 25.4 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 65.080 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.012 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

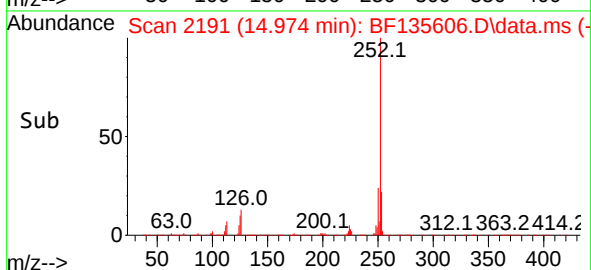
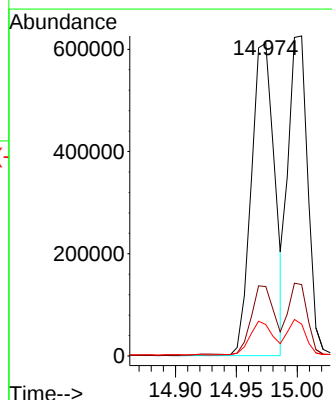
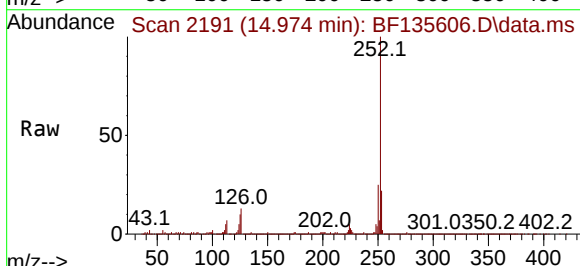
Tgt Ion:252 Resp: 815804

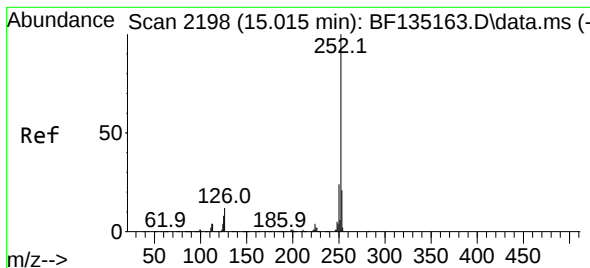
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 10.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 56.183 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

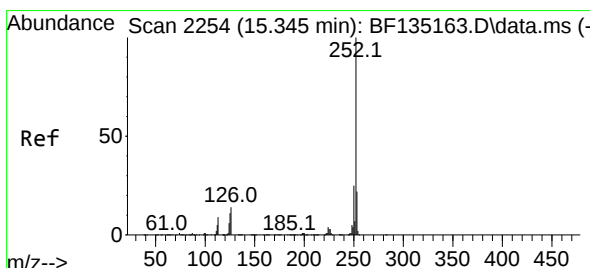
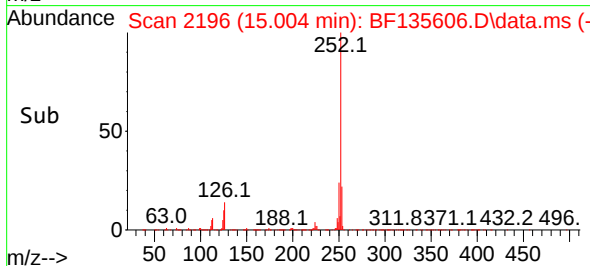
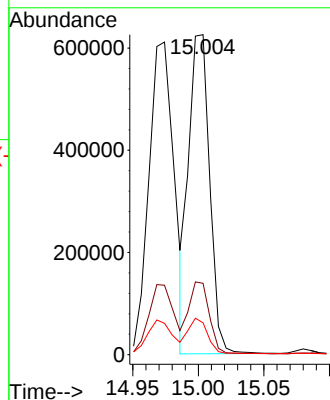
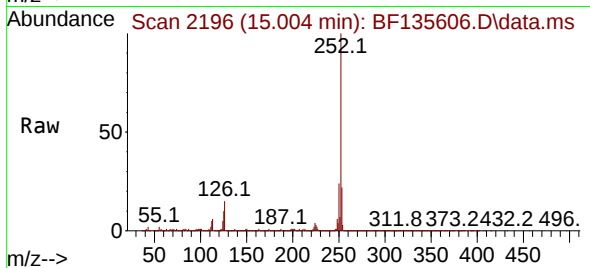
Tgt Ion:252 Resp: 695697

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.290 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.012 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

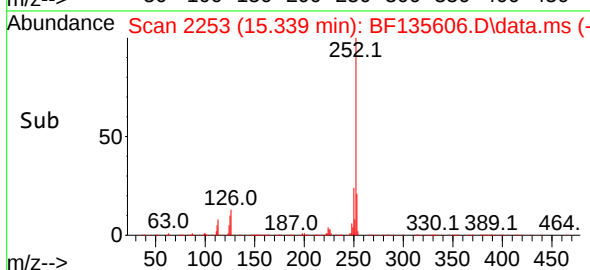
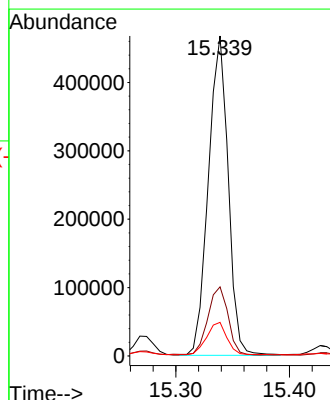
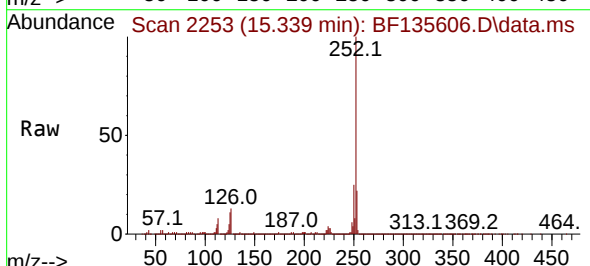
Tgt Ion:252 Resp: 565305

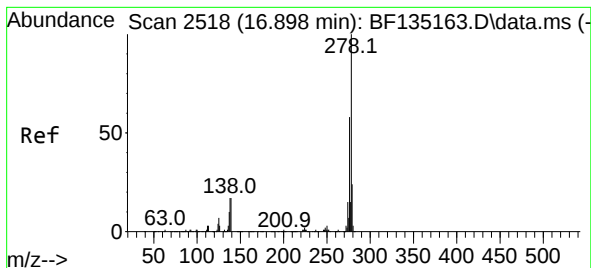
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 33.190 ng

RT: 16.892 min Scan# 2518

Delta R.T. 0.012 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-092923MSD

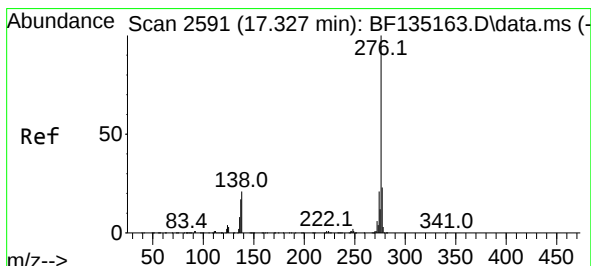
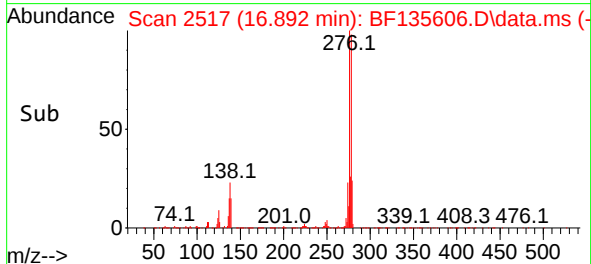
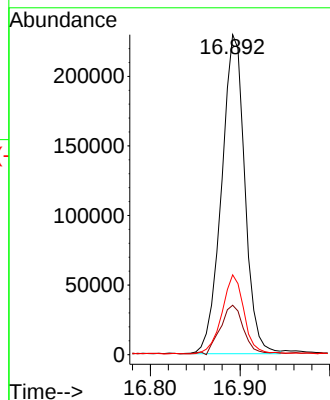
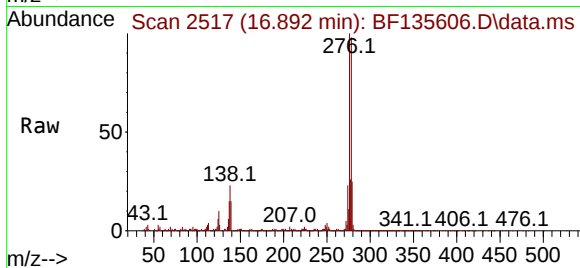
Tgt Ion:278 Resp: 412312

Ion Ratio Lower Upper

278 100

139 15.5 13.4 20.0

279 25.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 31.379 ng

RT: 17.333 min Scan# 2592

Delta R.T. 0.018 min

Lab File: BF135606.D

Acq: 05 Oct 2023 18:39

Tgt Ion:276 Resp: 407105

Ion Ratio Lower Upper

276 100

277 24.9 18.8 28.2

138 20.9 16.9 25.3

