

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135305.D
 Acq On : 18 Sep 2023 14:23
 Operator : CG\JU
 Sample : PB155361BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD

Quant Time: Sep 18 14:51:21 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 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	293742	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1137344	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	571616	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	1084265	20.000	ng	0.00
76) Chrysene-d12	13.951	240	537526	20.000	ng	0.00
86) Perylene-d12	15.415	264	541137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1116923	61.844	ng	0.02
7) Phenol-d6	6.410	99	1389793	60.518	ng	0.00
23) Nitrobenzene-d5	7.328	82	908099	43.379	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	346533	61.004	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1534382	40.498	ng	0.00
79) Terphenyl-d14	12.886	244	1563629	45.094	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	153431	19.379	ng	96
3) Pyridine	3.299	79	405970	19.052	ng	99
4) n-Nitrosodimethylamine	3.257	42	272956	24.139	ng	100
6) Aniline	6.428	93	535420	17.779	ng	# 70
8) 2-Chlorophenol	6.545	128	460424	23.881	ng	100
9) Benzaldehyde	6.316	77	281834	21.543	ng	98
10) Phenol	6.422	94	521464	20.708	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	453377	24.002	ng	100
12) 1,3-Dichlorobenzene	6.698	146	450229	22.978	ng	98
13) 1,4-Dichlorobenzene	6.781	146	441879	22.167	ng	98
14) 1,2-Dichlorobenzene	6.928	146	426076	23.016	ng	99
15) Benzyl Alcohol	6.910	79	386857	23.475	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	854801	24.008	ng	97
17) 2-Methylphenol	7.022	107	362141	21.286	ng	98
18) Hexachloroethane	7.263	117	172478	23.417	ng	90
19) n-Nitroso-di-n-propyla...	7.181	70	294177	20.681	ng	94
20) 3+4-Methylphenols	7.175	107	407378	19.913	ng	97
22) Acetophenone	7.175	105	571889	21.994	ng	97
24) Nitrobenzene	7.345	77	477010	23.054	ng	100
25) Isophorone	7.587	82	900198	23.418	ng	99
26) 2-Nitrophenol	7.663	139	247777	24.950	ng	92
27) 2,4-Dimethylphenol	7.704	122	397576	23.818	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	547635	23.802	ng	99
29) 2,4-Dichlorophenol	7.904	162	359379	23.235	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	380674	23.546	ng	98
31) Naphthalene	8.063	128	1243845	22.509	ng	99
32) Benzoic acid	7.845	122	310864	24.732	ng	99
33) 4-Chloroaniline	8.116	127	456586	18.832	ng	99
34) Hexachlorobutadiene	8.175	225	218699	22.434	ng	99
35) Caprolactam	8.492	113	68109	13.120	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	400694	23.309	ng	94
37) 2-Methylnaphthalene	8.751	142	817272	22.002	ng	97
38) 1-Methylnaphthalene	8.851	142	748406	21.520	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	376443	22.732	ng	98
41) Hexachlorocyclopentadiene	8.904	237	295175	44.102	ng	96
43) 2,4,6-Trichlorophenol	9.033	196	256549	23.661	ng	98

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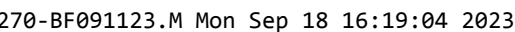
Instrument :
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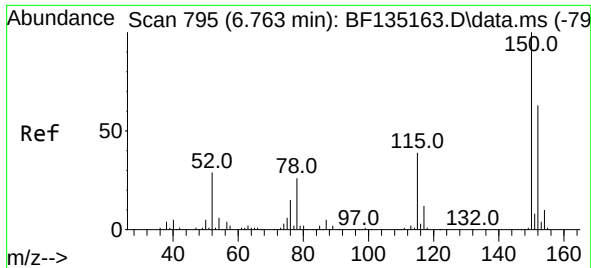
Quant Time: Sep 18 14:51:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	284272	22.766	ng	98
46) 1,1'-Biphenyl	9.222	154	982739	22.372	ng	99
47) 2-Chloronaphthalene	9.245	162	754846	23.684	ng	99
48) 2-Nitroaniline	9.345	65	308258	24.895	ng	93
49) Acenaphthylene	9.663	152	1178512	22.249	ng	99
50) Dimethylphthalate	9.528	163	913774	23.644	ng	99
51) 2,6-Dinitrotoluene	9.592	165	205166	24.233	ng	97
52) Acenaphthene	9.833	154	723466	23.120	ng	99
53) 3-Nitroaniline	9.763	138	209820	21.113	ng	97
54) 2,4-Dinitrophenol	9.880	184	232399	50.825	ng	96
55) Dibenzofuran	10.004	168	1034252	21.660	ng	97
56) 4-Nitrophenol	9.939	139	317406	50.253	ng	99
57) 2,4-Dinitrotoluene	10.004	165	241707	22.805	ng	86
58) Fluorene	10.351	166	818897	22.308	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	228525	23.792	ng	99
60) Diethylphthalate	10.228	149	926757	23.894	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	384696	21.816	ng	98
62) 4-Nitroaniline	10.386	138	235044	24.605	ng	98
63) Azobenzene	10.504	77	913853	24.074	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	154393	26.810	ng	91
66) n-Nitrosodiphenylamine	10.469	169	777043	23.672	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	251802	23.350	ng	97
68) Hexachlorobenzene	10.898	284	263638	23.997	ng	# 89
69) Atrazine	11.004	200	251544	28.479	ng	97
70) Pentachlorophenol	11.098	266	259304	39.450	ng	98
71) Phenanthrene	11.316	178	1211665	23.628	ng	98
72) Anthracene	11.369	178	1240322	23.530	ng	100
73) Carbazole	11.527	167	1171623	24.417	ng	100
74) Di-n-butylphthalate	11.857	149	1394476	24.663	ng	99
75) Fluoranthene	12.510	202	1273947	23.841	ng	99
77) Benzidine	12.639	184	513224	46.605	ng	98
78) Pyrene	12.739	202	1284599	25.101	ng	99
80) Butylbenzylphthalate	13.363	149	490883	27.243	ng	94
81) Benzo(a)anthracene	13.939	228	784046	22.589	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	250821	23.135	ng	99
83) Chrysene	13.974	228	774620	22.447	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	530448	28.688	ng	98
85) Di-n-octyl phthalate	14.545	149	800227	27.233	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	832962	23.477	ng	97
88) Benzo(b)fluoranthene	14.986	252	658157	22.468	ng	98
89) Benzo(k)fluoranthene	15.015	252	648749	22.419	ng	98
90) Benzo(a)pyrene	15.351	252	607747	21.755	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	679309	23.400	ng	99
92) Benzo(g,h,i)perylene	17.345	276	703857	23.215	ng	97

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

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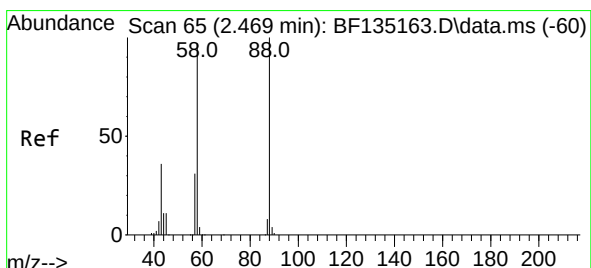
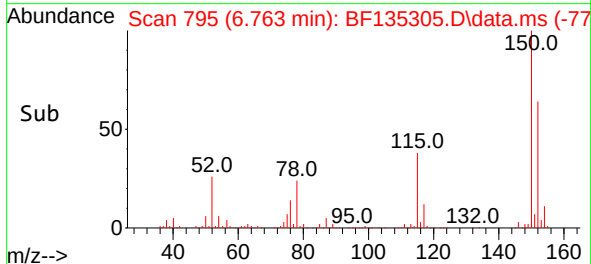
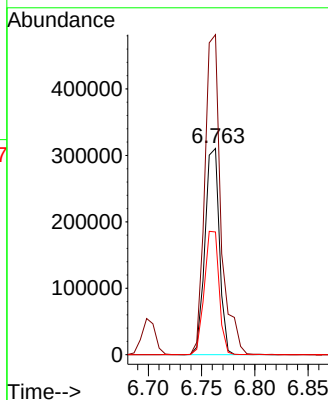
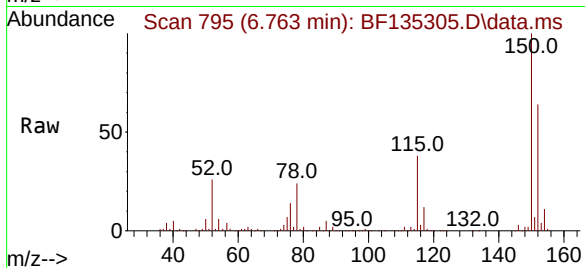




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

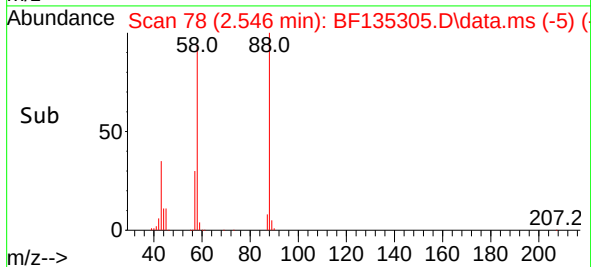
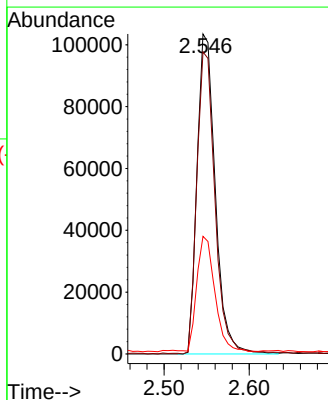
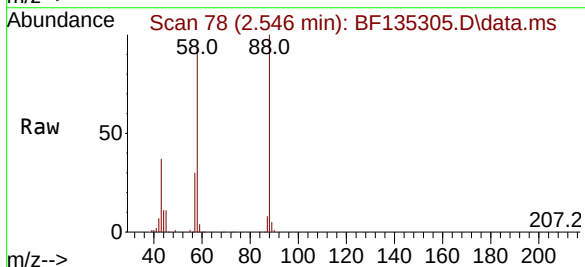
Instrument :
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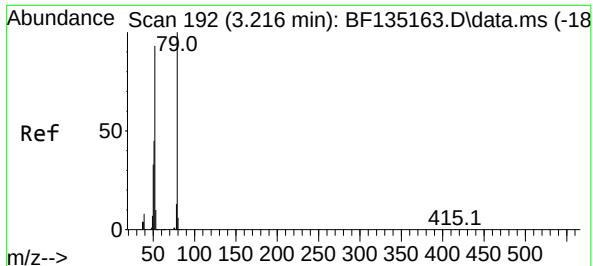
Tgt Ion:152 Resp: 293742
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.8 191.6
 115 59.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 19.379 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.077 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Tgt Ion: 88 Resp: 153431
 Ion Ratio Lower Upper
 88 100
 58 93.7 78.3 117.5
 43 35.6 29.4 44.0

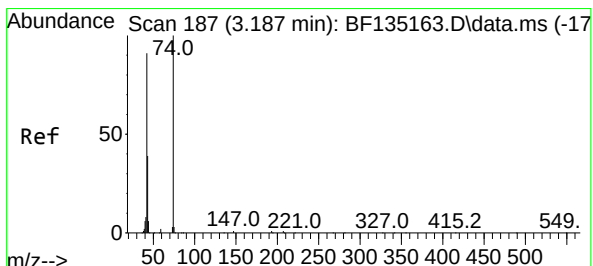
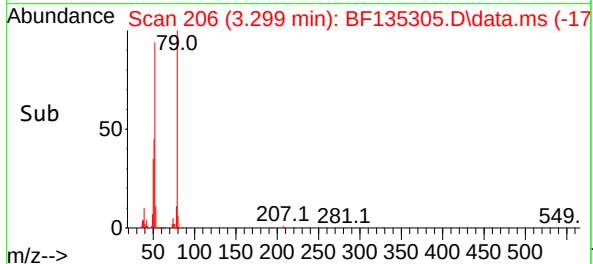
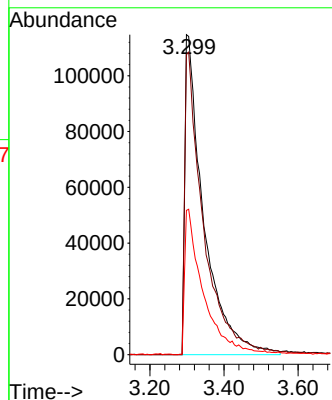
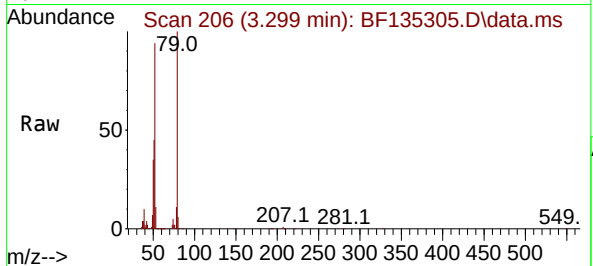




#3
Pyridine
Concen: 19.052 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.083 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

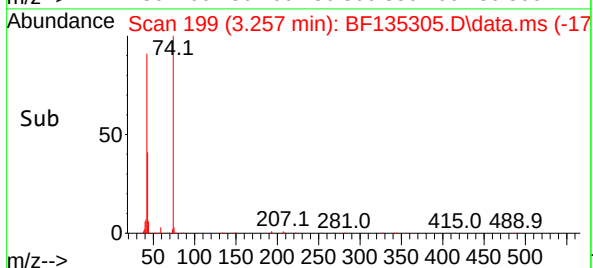
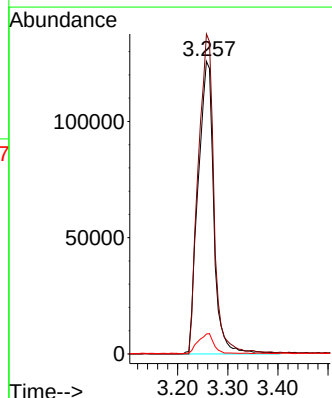
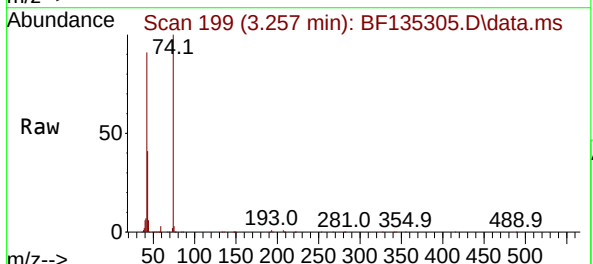
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ClientSampleId :
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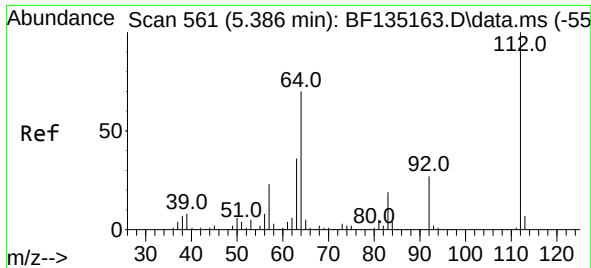
Tgt Ion: 79 Resp: 405970
Ion Ratio Lower Upper
79 100
52 93.8 74.1 111.1
51 45.1 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 24.139 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.071 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 42 Resp: 272956
Ion Ratio Lower Upper
42 100
74 109.3 87.7 131.5
44 6.8 5.6 8.4

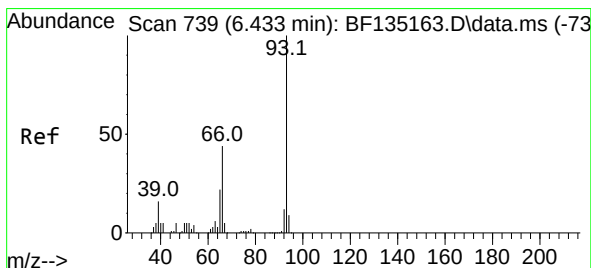
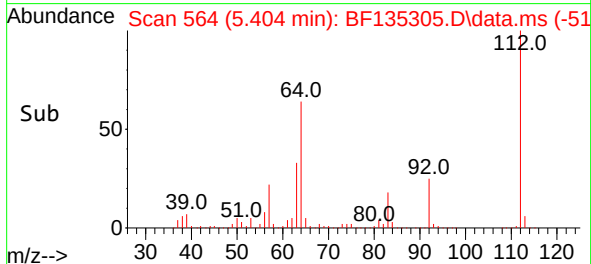
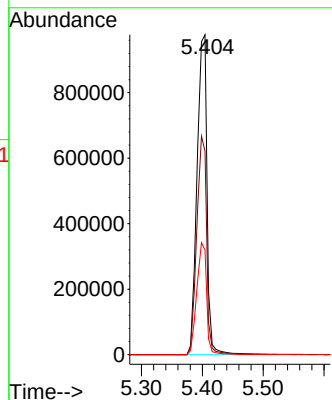
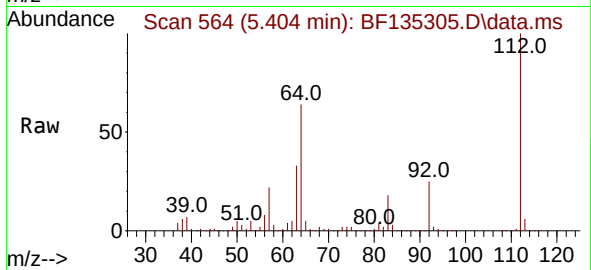




#5
2-Fluorophenol
Concen: 61.844 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

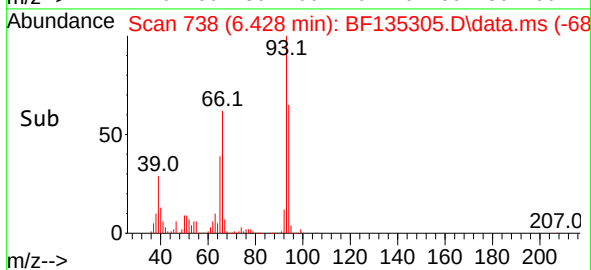
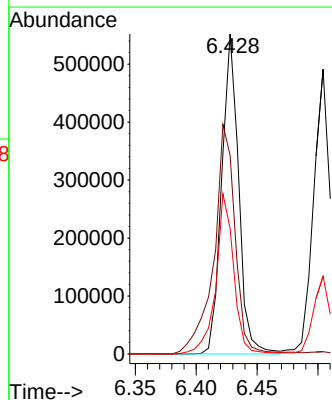
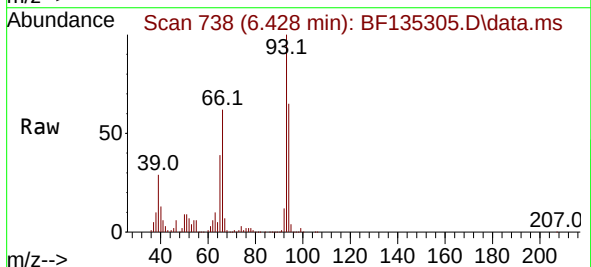
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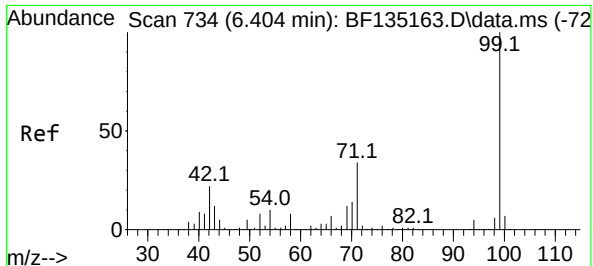
Tgt Ion:112 Resp: 1116923
Ion Ratio Lower Upper
112 100
64 63.6 55.9 83.9
63 32.7 29.0 43.6



#6
Aniline
Concen: 17.779 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 93 Resp: 535420
Ion Ratio Lower Upper
93 100
66 62.0 35.4 53.0#
65 39.2 17.8 26.8#

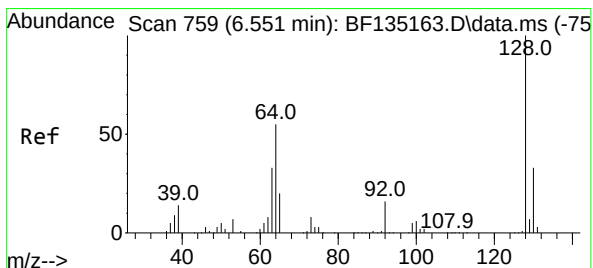
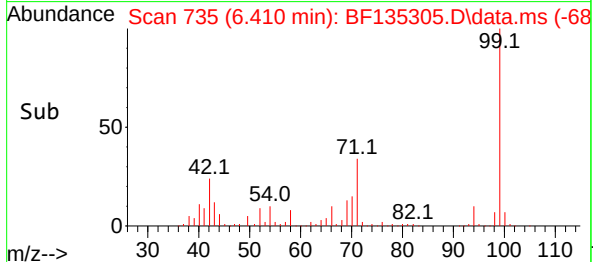
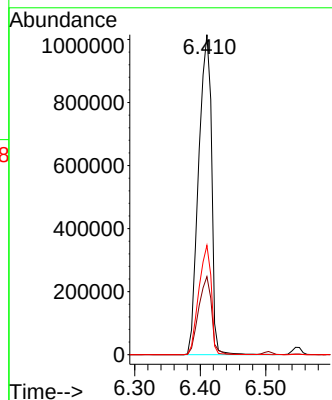
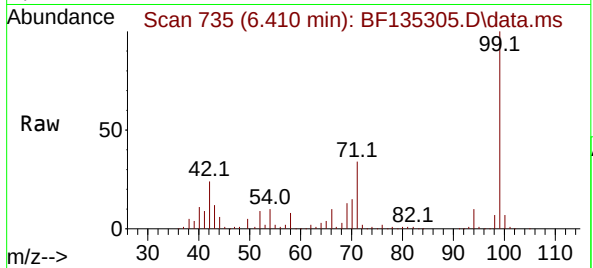




#7
Phenol-d6
Concen: 60.518 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

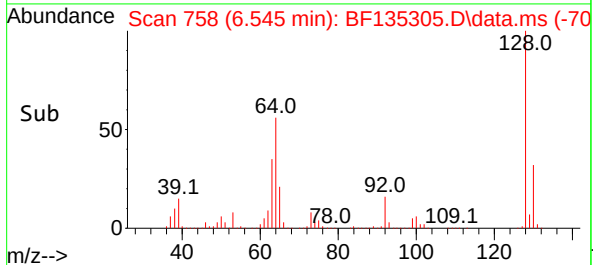
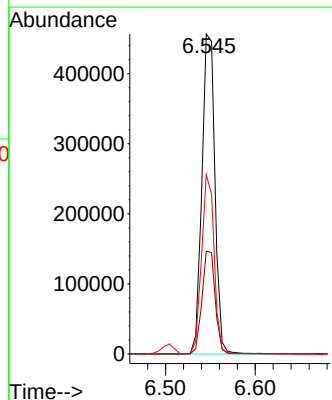
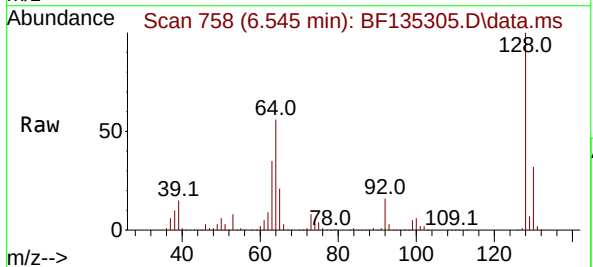
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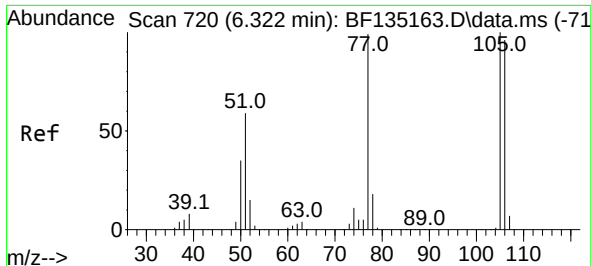
Tgt Ion: 99 Resp: 1389793
Ion Ratio Lower Upper
99 100
42 24.4 17.9 26.9
71 34.1 27.0 40.6



#8
2-Chlorophenol
Concen: 23.881 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:128 Resp: 460424
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 56.0 35.9 75.9





#9

Benzaldehyde

Concen: 21.543 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

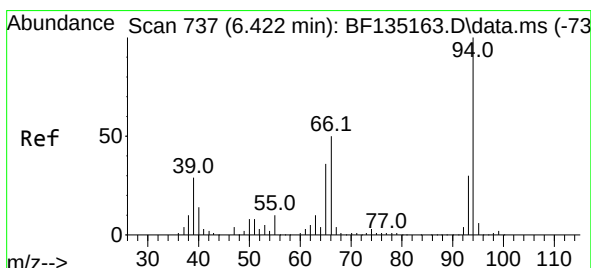
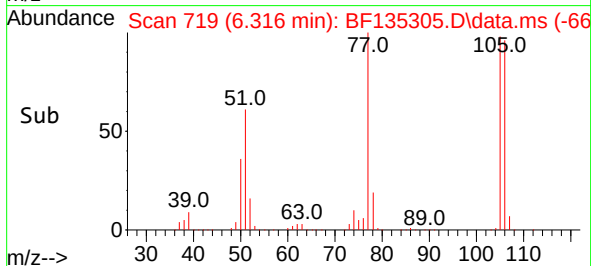
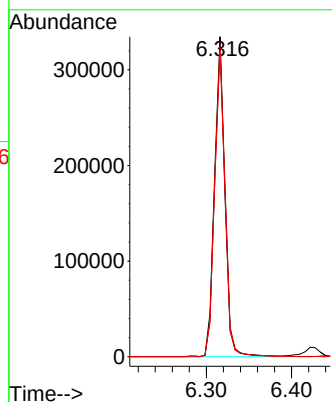
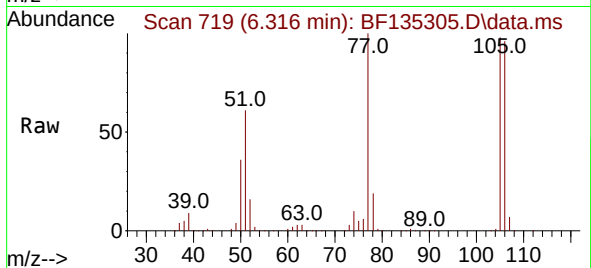
Tgt Ion: 77 Resp: 281834

Ion Ratio Lower Upper

77 100

105 98.2 81.4 121.4

106 95.7 76.9 116.9



#10

Phenol

Concen: 20.708 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

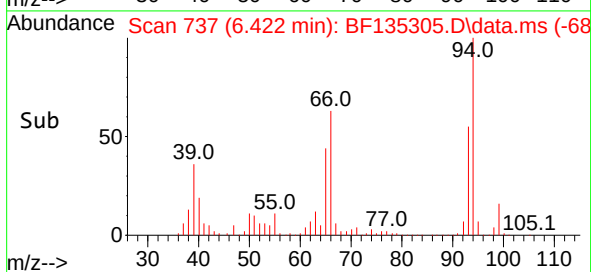
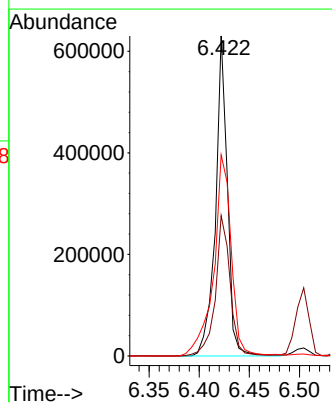
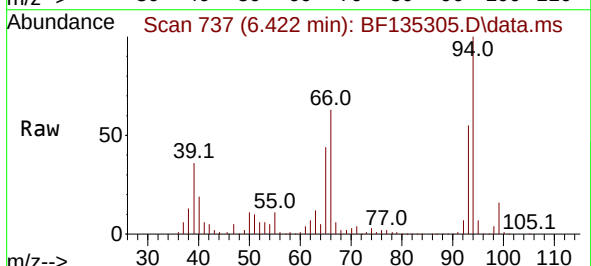
Tgt Ion: 94 Resp: 521464

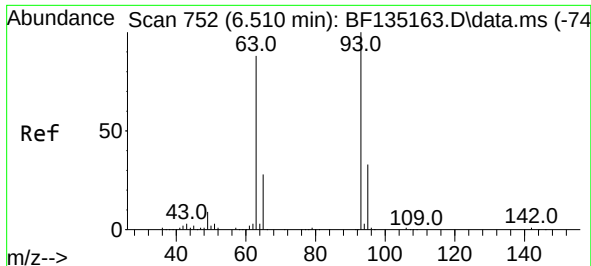
Ion Ratio Lower Upper

94 100

65 43.8 15.9 55.9

66 62.9 29.8 69.8

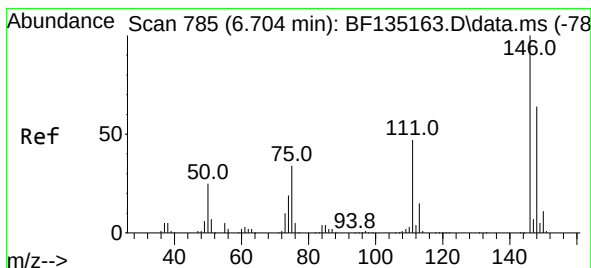
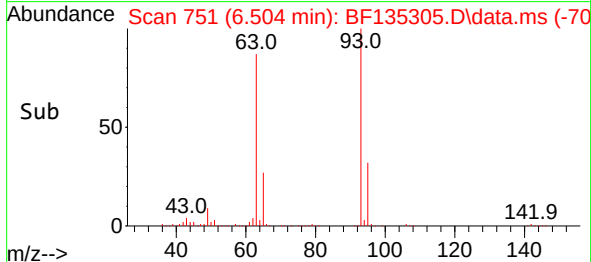
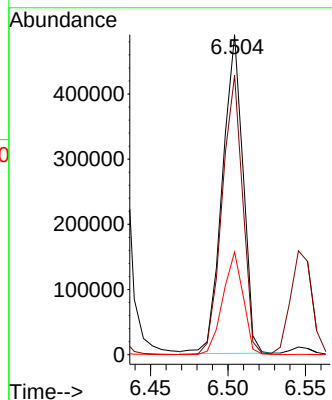
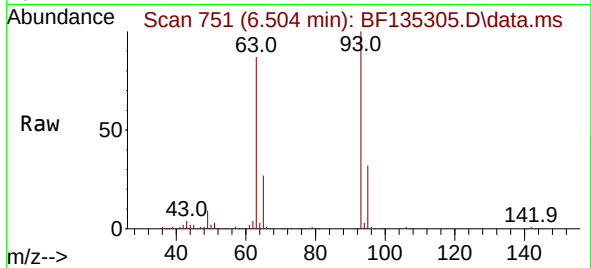




#11
bis(2-Chloroethyl)ether
Concen: 24.002 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

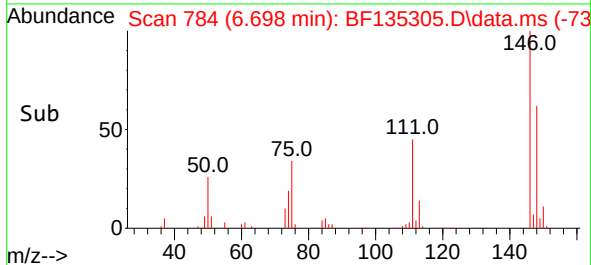
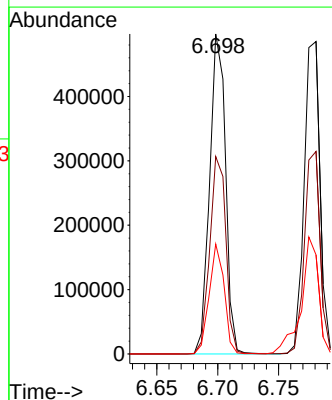
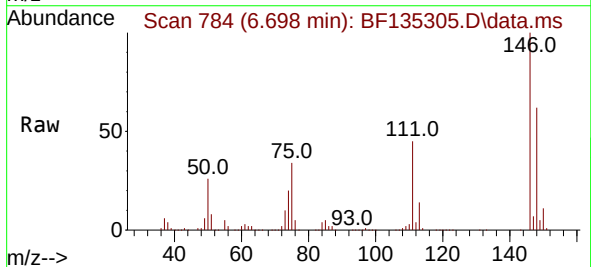
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

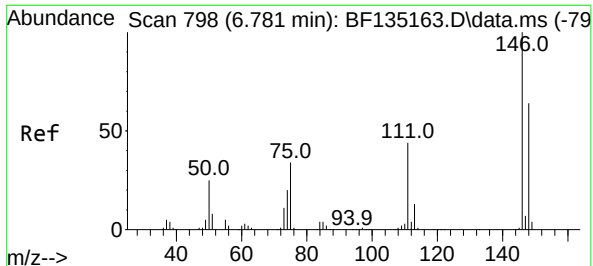
Tgt Ion: 93 Resp: 453377
Ion Ratio Lower Upper
93 100
63 87.3 67.3 107.3
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 22.978 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:146 Resp: 450229
Ion Ratio Lower Upper
146 100
148 61.7 51.3 76.9
75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 22.167 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

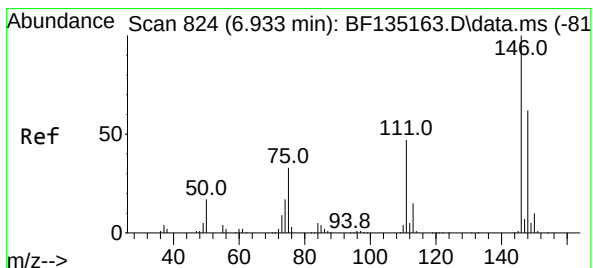
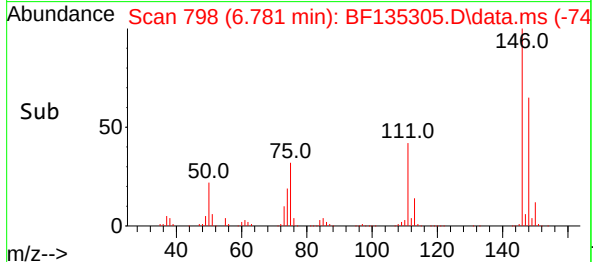
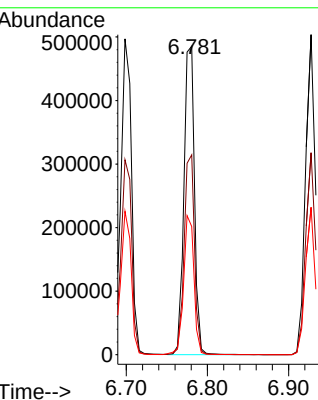
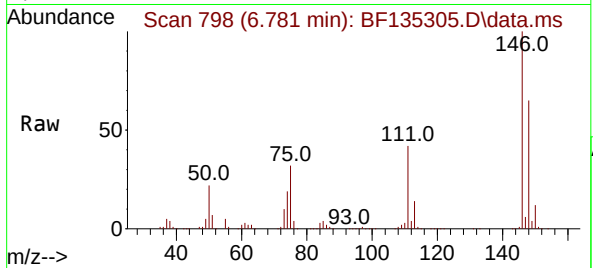
Tgt Ion:146 Resp: 441879

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

111 41.6 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 23.016 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

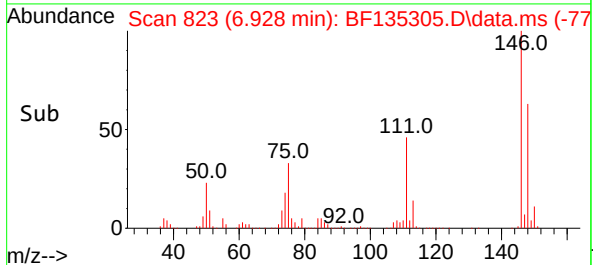
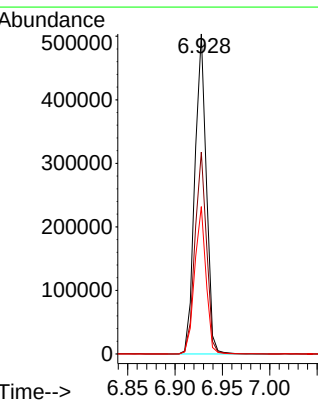
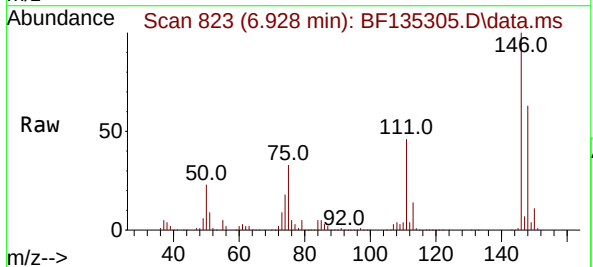
Tgt Ion:146 Resp: 426076

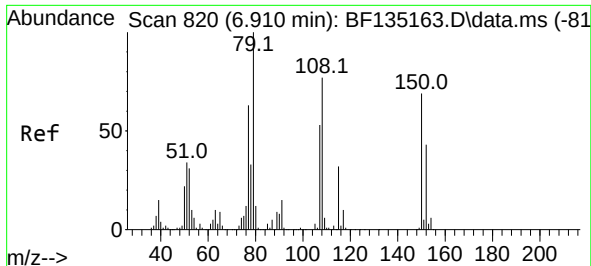
Ion Ratio Lower Upper

146 100

148 63.1 49.7 74.5

111 46.0 37.4 56.2

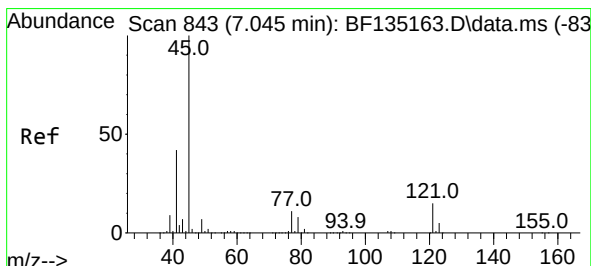
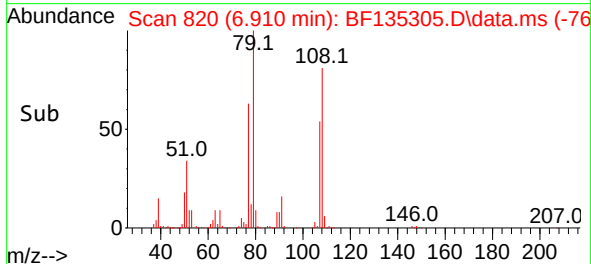
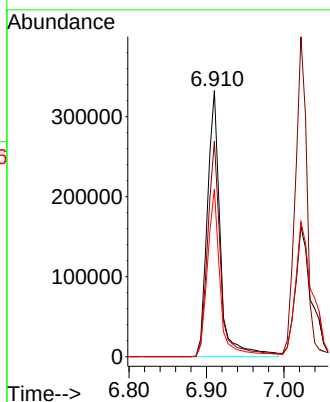
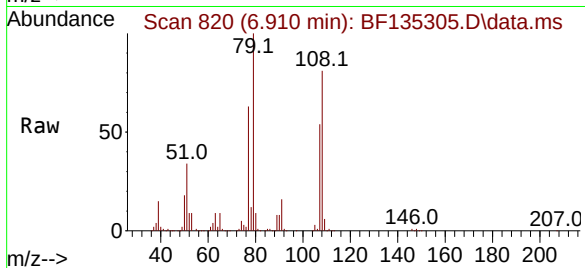




#15
Benzyl Alcohol
Concen: 23.475 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

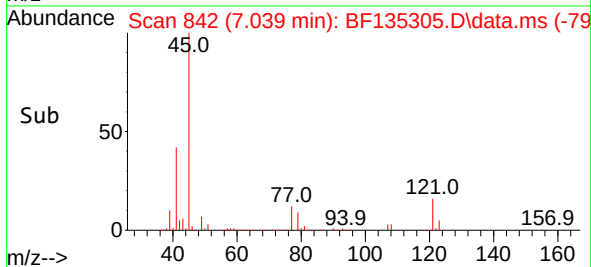
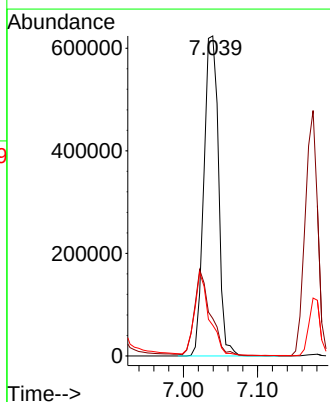
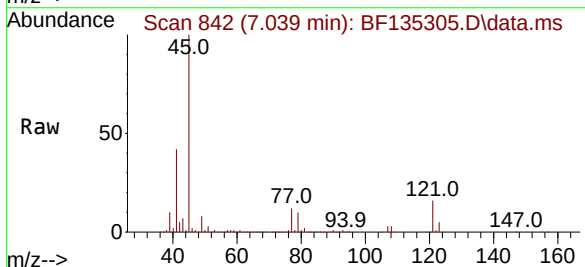
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

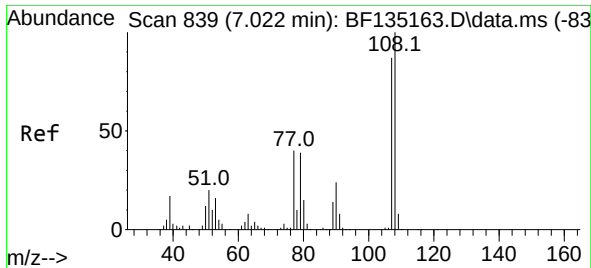
Tgt Ion: 79 Resp: 386857
Ion Ratio Lower Upper
79 100
108 81.0 61.2 91.8
77 63.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.008 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 45 Resp: 854801
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.6
79 9.6 0.0 28.3

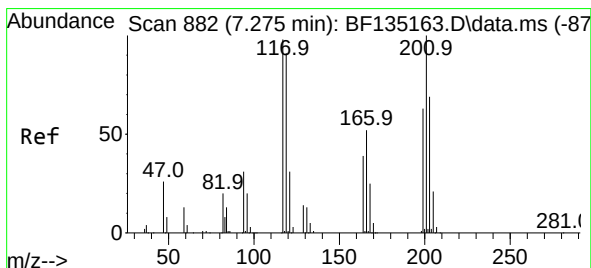
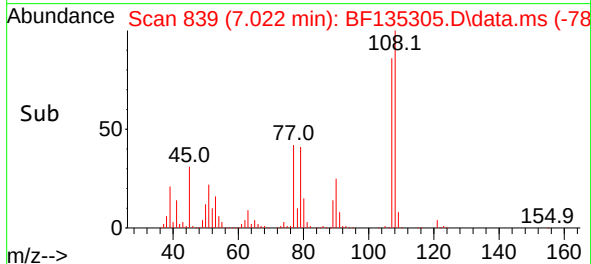
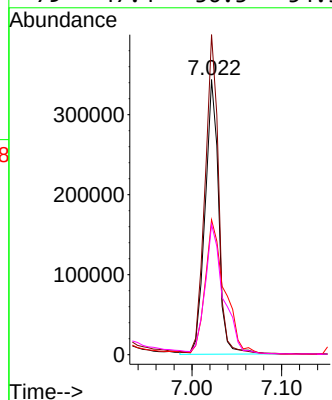
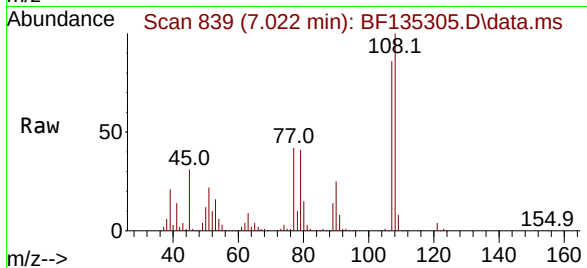




#17
2-Methylphenol
Concen: 21.286 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

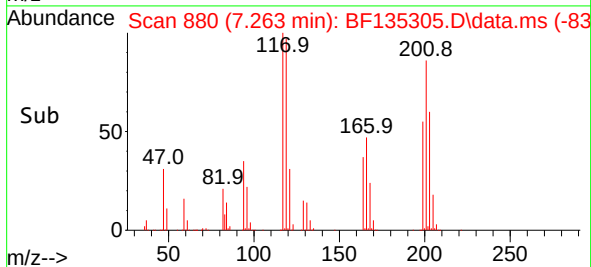
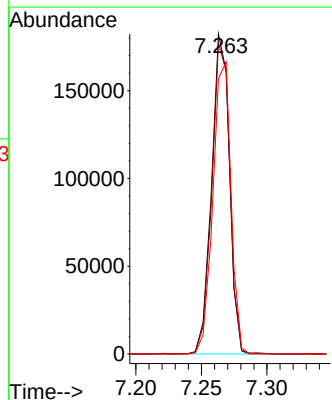
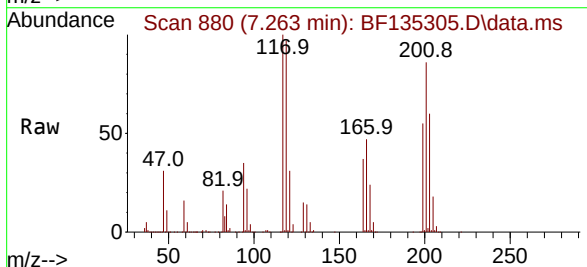
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

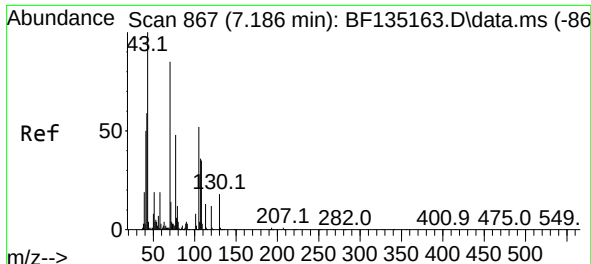
Tgt Ion:	107	Resp:	362141
Ion	Ratio	Lower	Upper
107	100		
108	116.3	92.0	138.0
77	49.0	36.7	55.1
79	47.4	36.3	54.5



#18
Hexachloroethane
Concen: 23.417 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:	117	Resp:	172478
Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.7	112.1
201	86.0	81.8	122.8

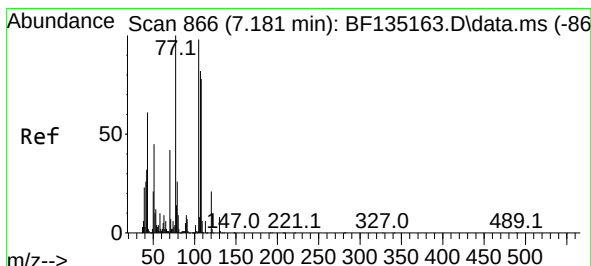
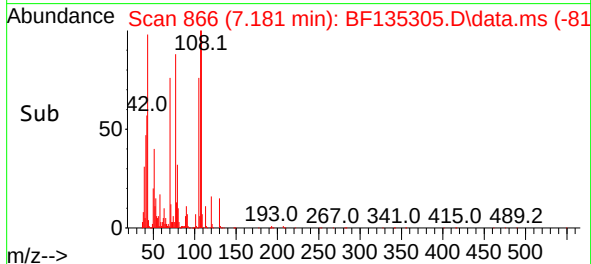
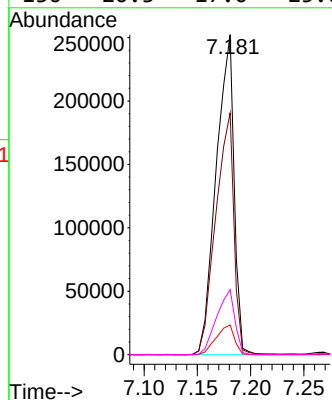
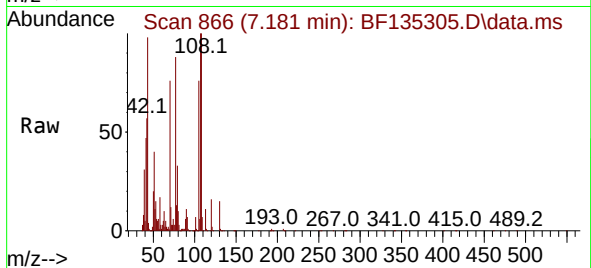




#19
n-Nitroso-di-n-propylamine
Concen: 20.681 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

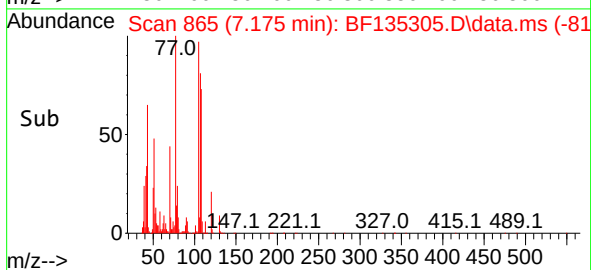
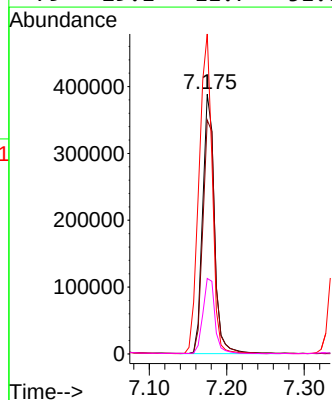
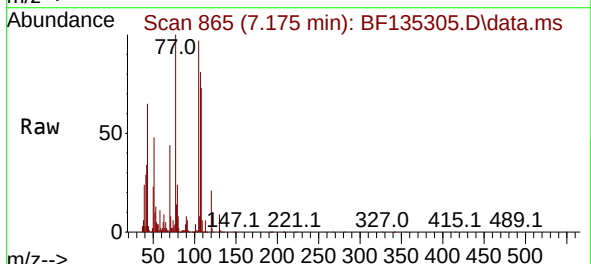
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

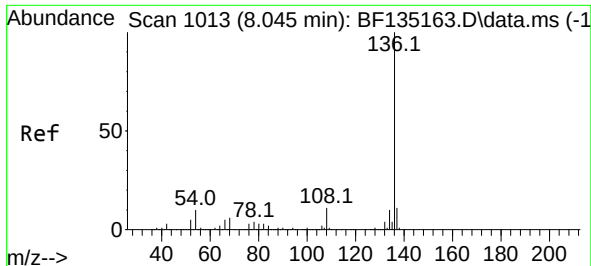
Tgt Ion: 70 Resp: 294177
Ion Ratio Lower Upper
70 100
42 75.5 55.4 83.0
101 9.3 7.7 11.5
130 20.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 19.913 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 107 Resp: 407378
Ion Ratio Lower Upper
107 100
108 90.1 74.7 114.7
77 123.2 102.0 142.0
79 29.1 11.7 51.7

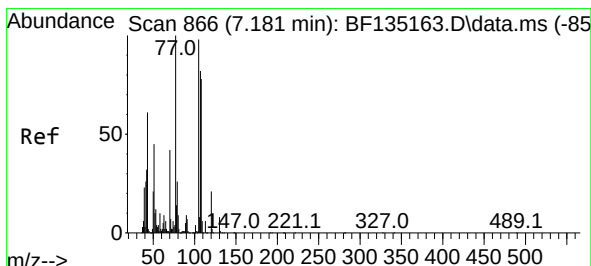
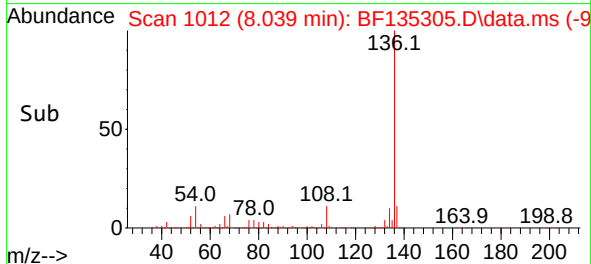
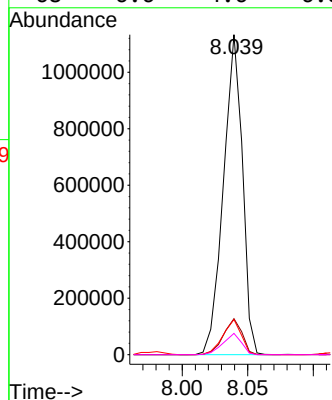
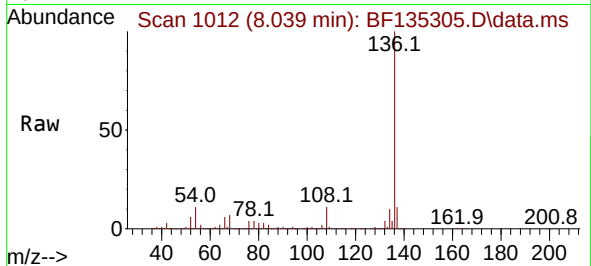




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

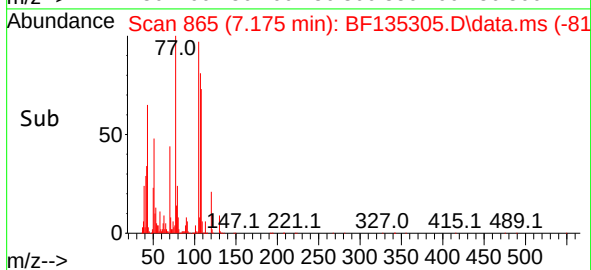
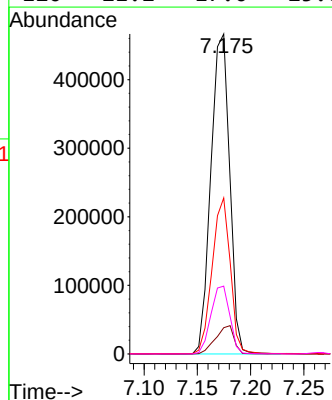
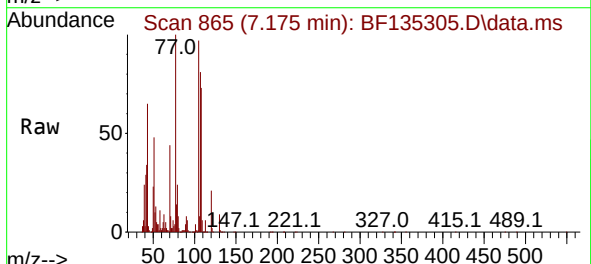
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

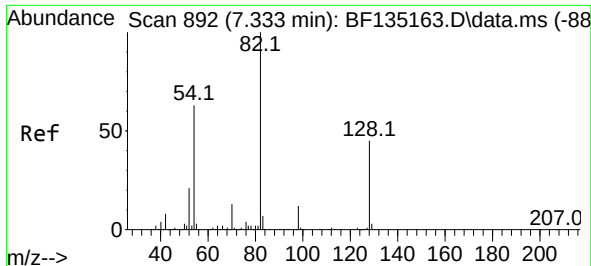
Tgt Ion:136 Resp: 1137344
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 11.0 7.7 11.5
68 6.6 4.6 6.8



#22
Acetophenone
Concen: 21.994 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:105 Resp: 571889
Ion Ratio Lower Upper
105 100
71 8.2 5.8 8.6
51 48.8 37.0 55.4
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 43.379 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

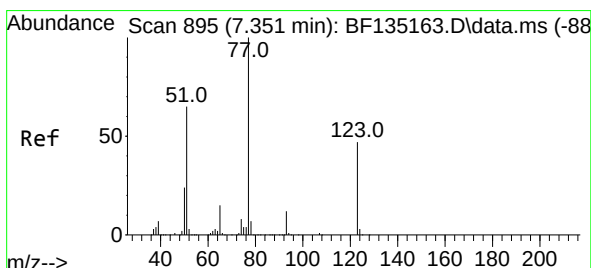
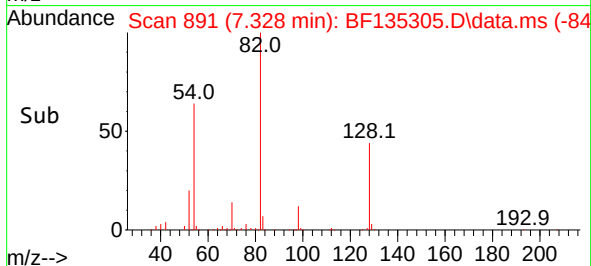
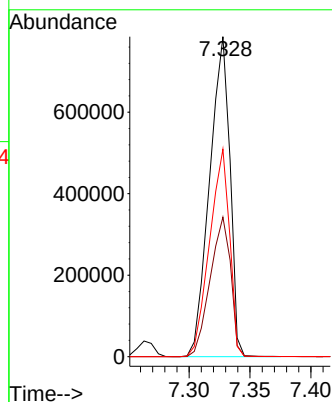
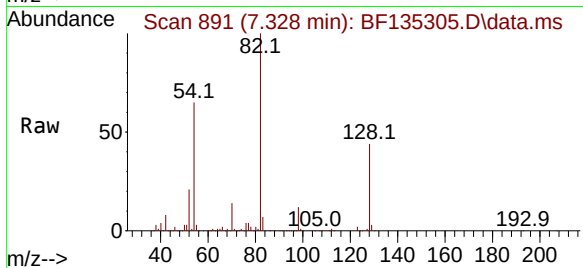
Tgt Ion: 82 Resp: 908099

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 64.8 50.6 76.0



#24

Nitrobenzene

Concen: 23.054 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

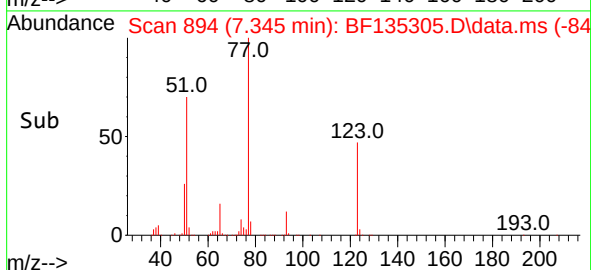
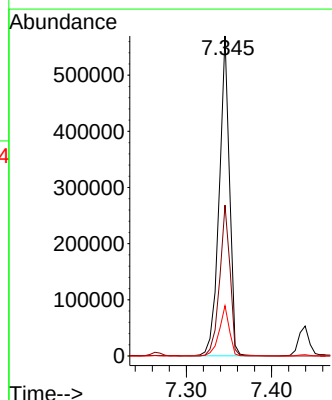
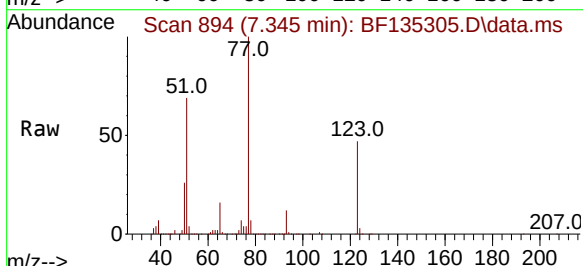
Tgt Ion: 77 Resp: 477010

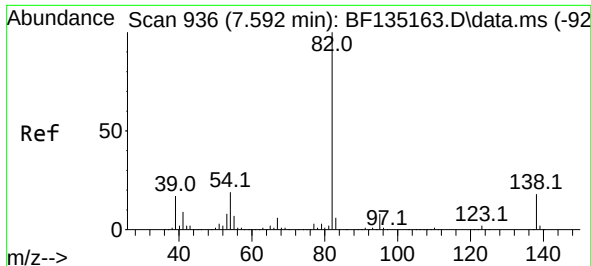
Ion Ratio Lower Upper

77 100

123 47.1 37.6 56.4

65 15.7 12.2 18.4

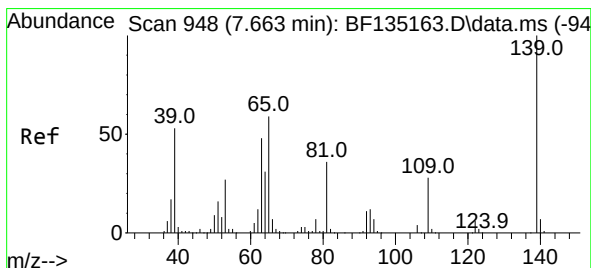
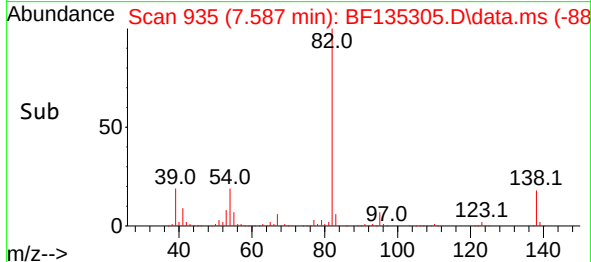
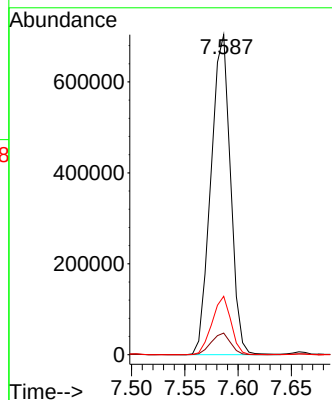
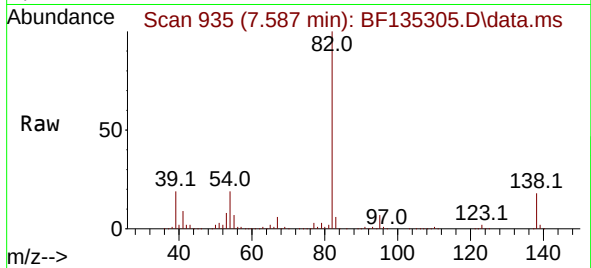




#25
Isophorone
Concen: 23.418 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

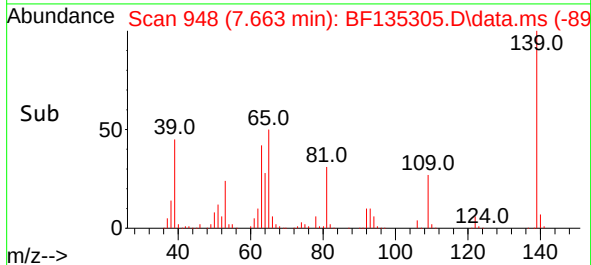
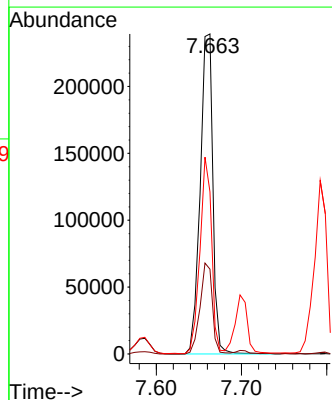
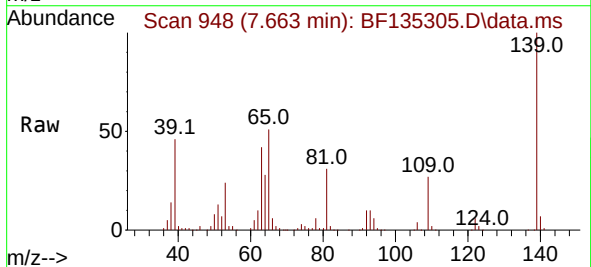
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

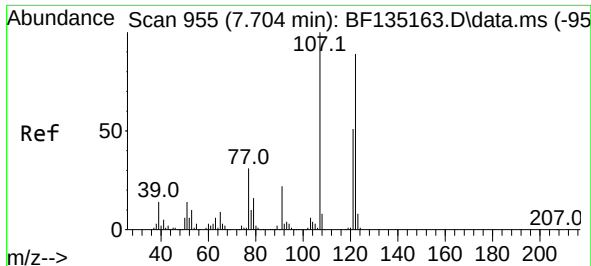
Tgt Ion: 82 Resp: 900198
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 18.2 14.5 21.7



#26
2-Nitrophenol
Concen: 24.950 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:139 Resp: 247777
Ion Ratio Lower Upper
139 100
109 26.5 22.6 33.8
65 50.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 23.818 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135305.D

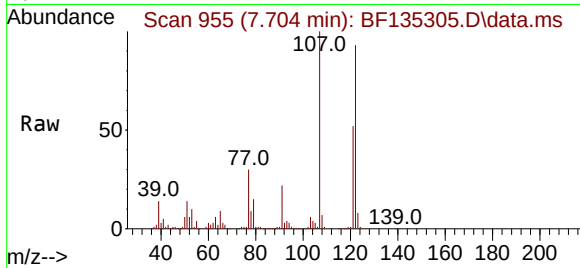
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD



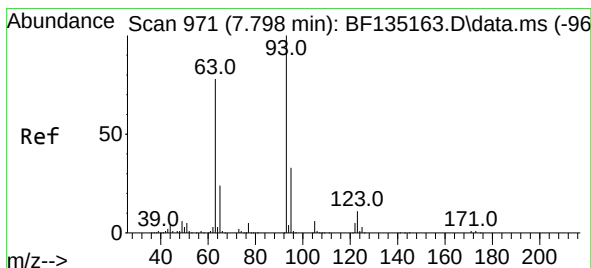
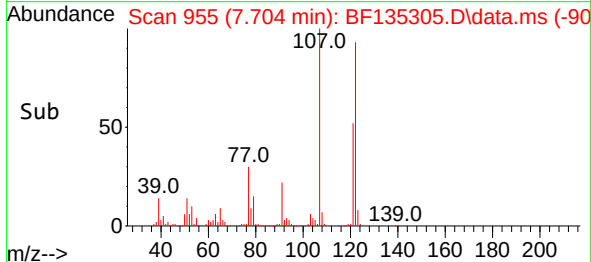
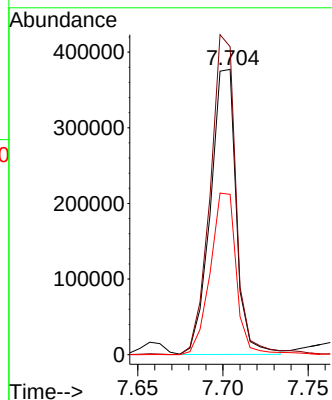
Tgt Ion:122 Resp: 397576

Ion Ratio Lower Upper

122 100

107 108.0 90.2 135.4

121 56.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 23.802 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

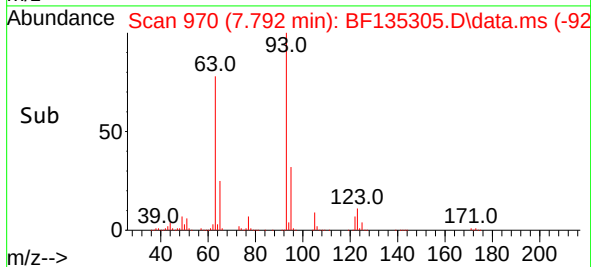
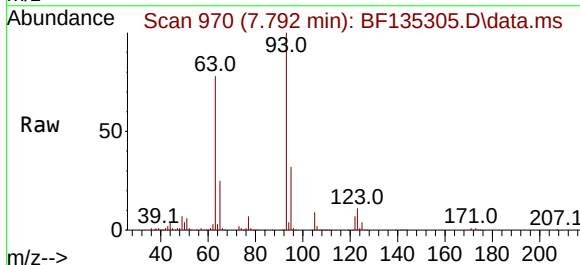
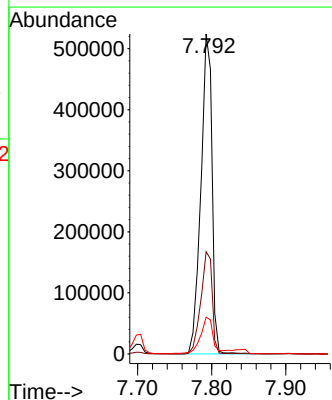
Tgt Ion: 93 Resp: 547635

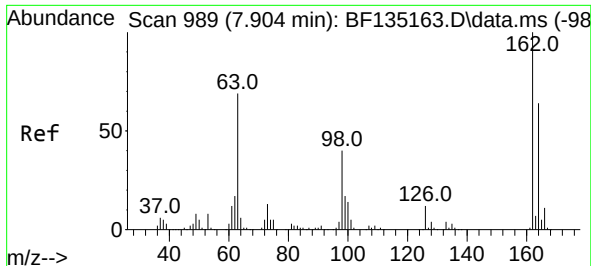
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

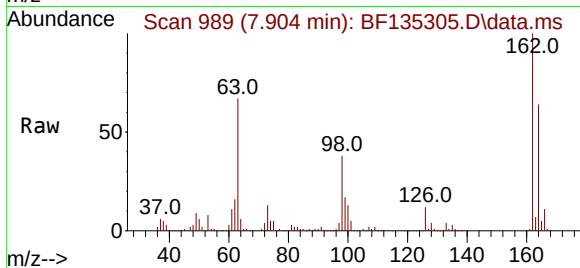
123 11.5 8.8 13.2



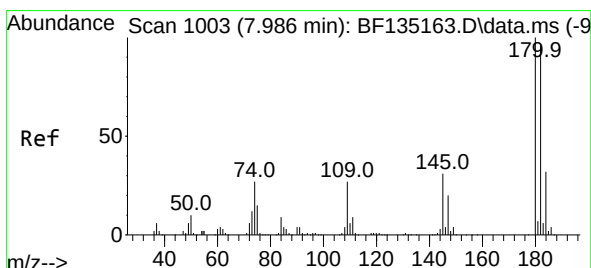
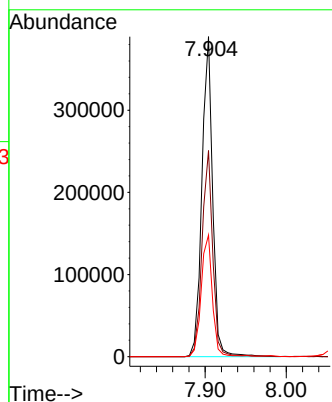
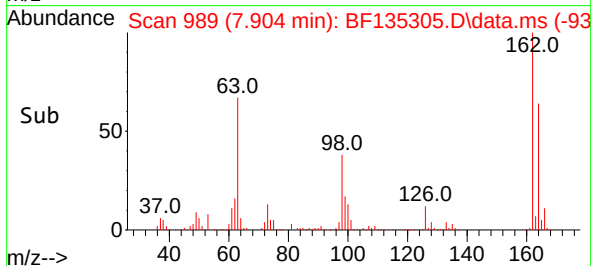


#29
2,4-Dichlorophenol
Concen: 23.235 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

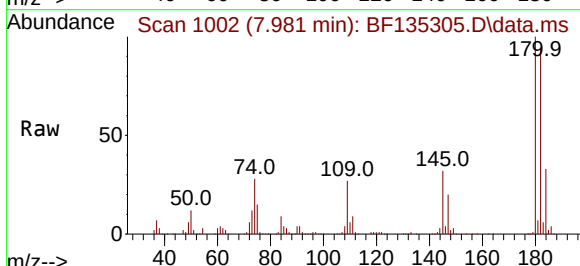
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



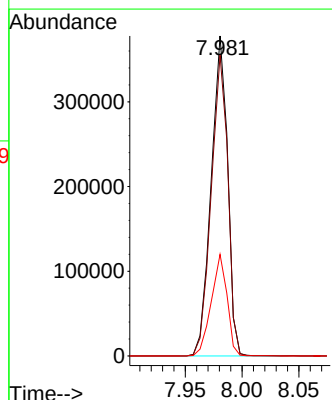
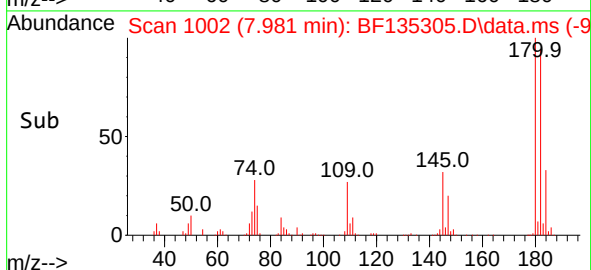
Tgt Ion:162 Resp: 359379
Ion Ratio Lower Upper
162 100
164 64.4 44.1 84.1
98 38.0 20.3 60.3

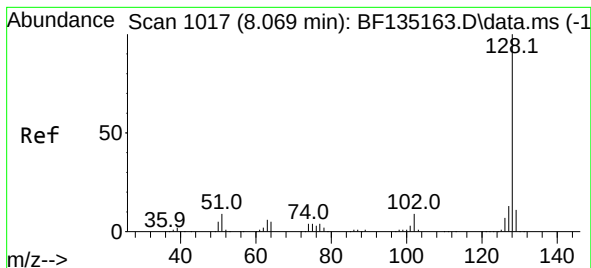


#30
1,2,4-Trichlorobenzene
Concen: 23.546 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



Tgt Ion:180 Resp: 380674
Ion Ratio Lower Upper
180 100
182 94.0 76.9 115.3
145 31.7 24.5 36.7





#31

Naphthalene

Concen: 22.509 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

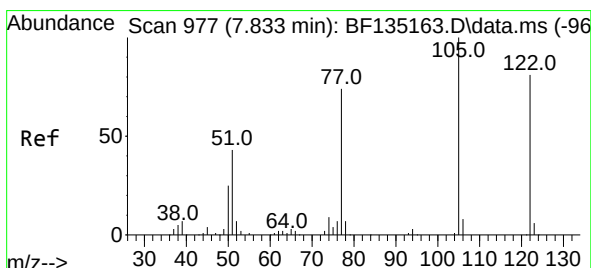
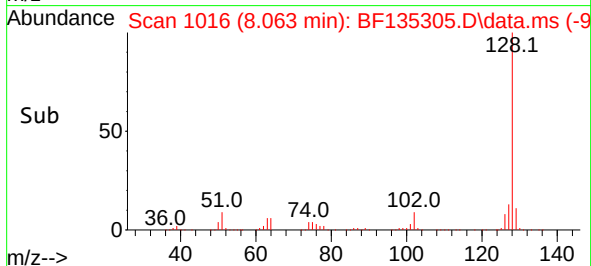
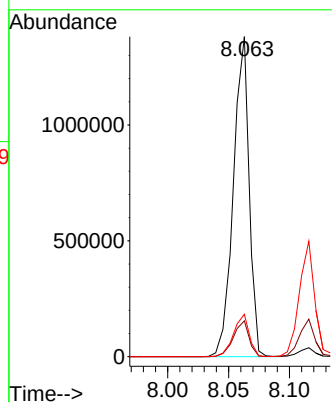
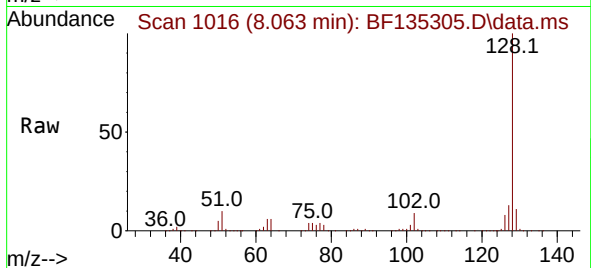
Tgt Ion:128 Resp: 1243845

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 24.732 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.012 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

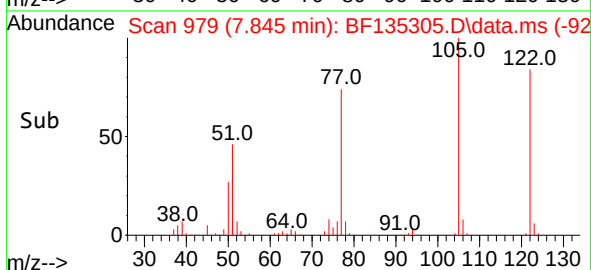
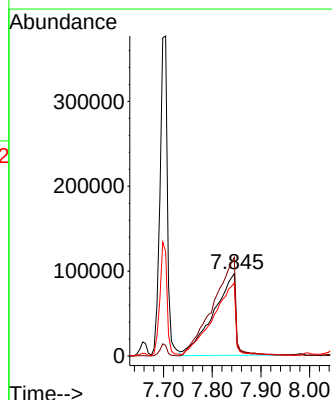
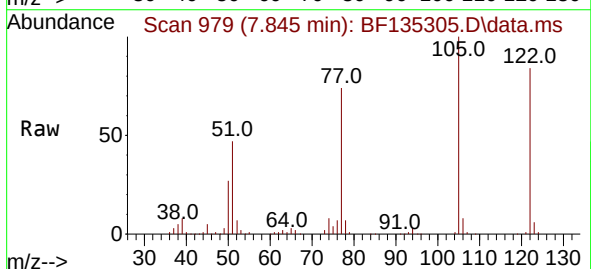
Tgt Ion:122 Resp: 310864

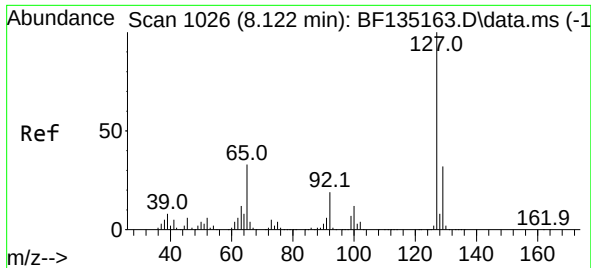
Ion Ratio Lower Upper

122 100

105 119.7 99.9 139.9

77 88.6 70.0 110.0

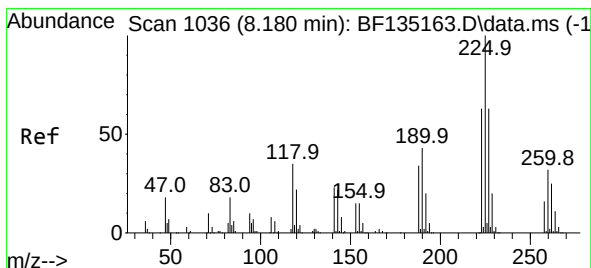
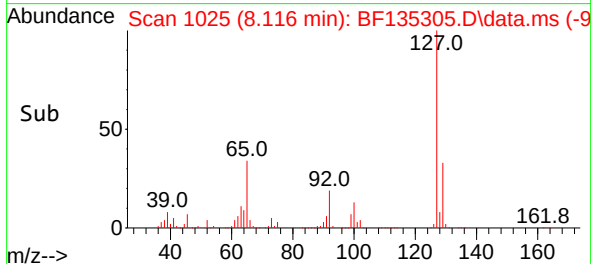
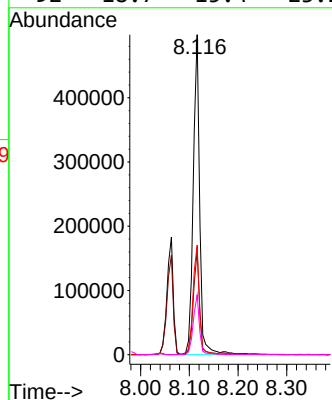
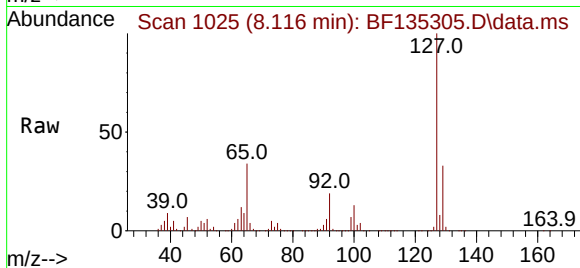




#33
4-Chloroaniline
Concen: 18.832 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

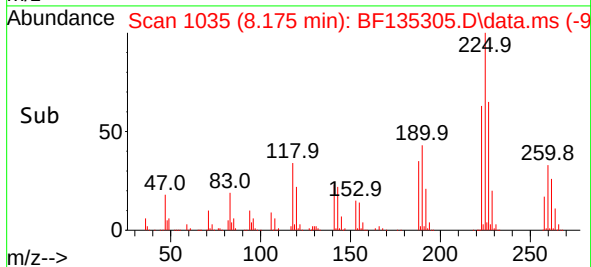
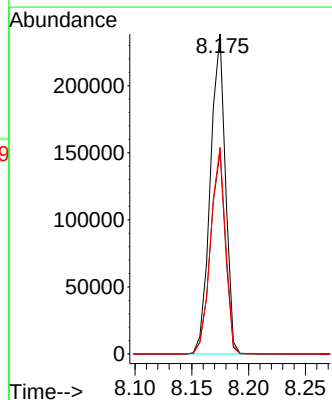
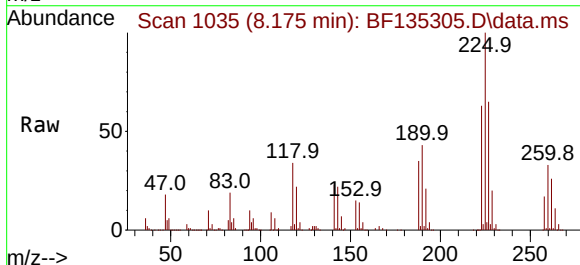
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

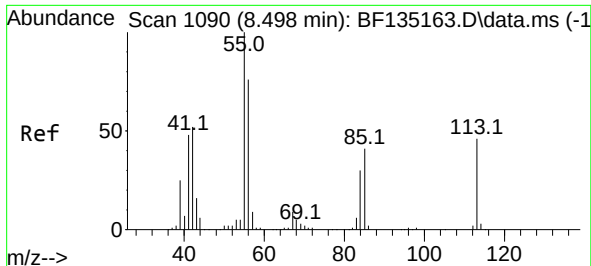
Tgt Ion:	127	Resp:	456586
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	34.2	26.6	39.8
92	18.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 22.434 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:	225	Resp:	218699
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	64.6	50.8	76.2

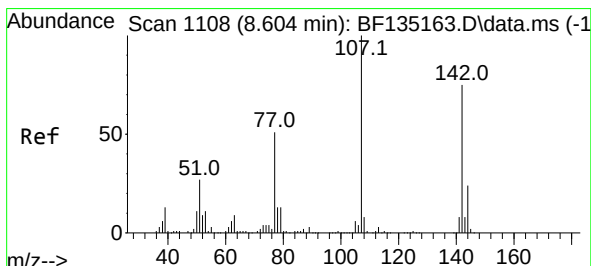
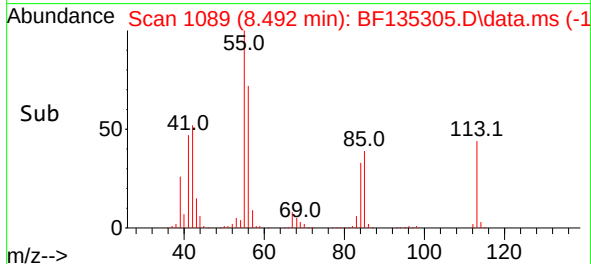
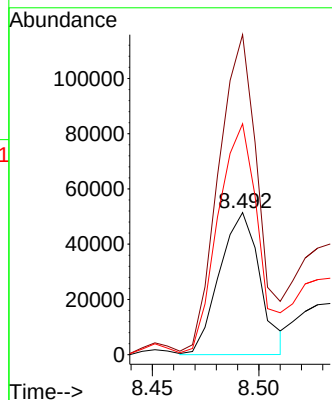
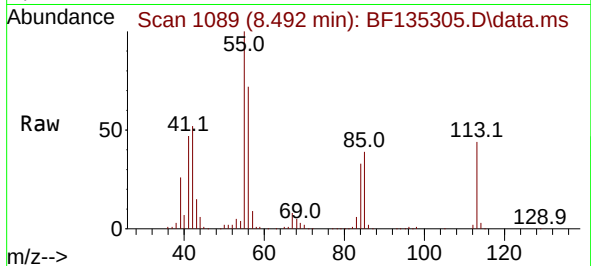




#35
 Caprolactam
 Concen: 13.120 ng
 RT: 8.492 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

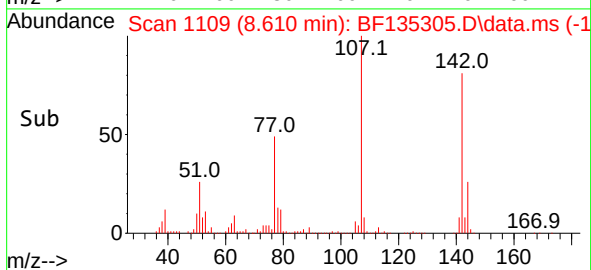
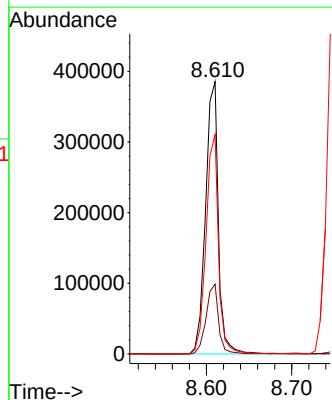
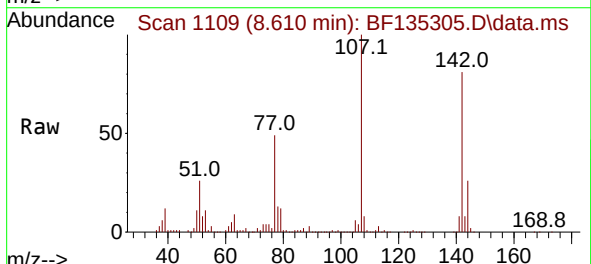
Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD

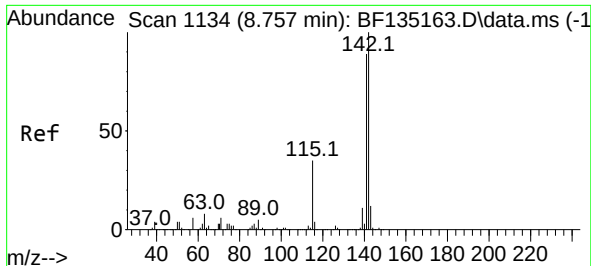
Tgt Ion:113 Resp: 68109
 Ion Ratio Lower Upper
 113 100
 55 225.2 199.3 239.3
 56 162.5 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 23.309 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Tgt Ion:107 Resp: 400694
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.0 28.4
 142 80.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 22.002 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

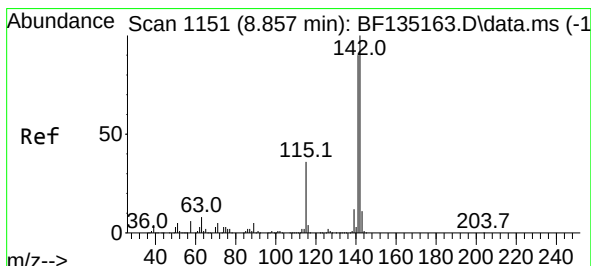
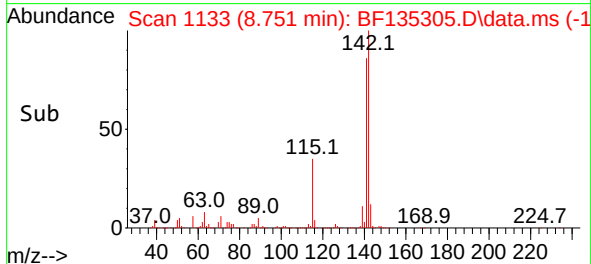
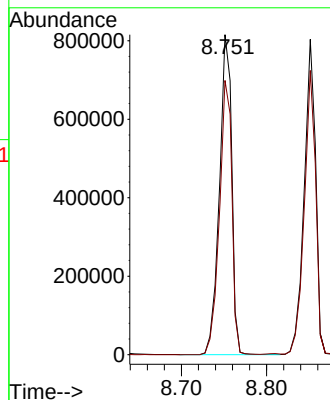
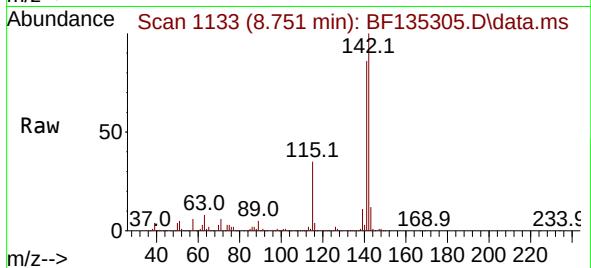
PB155361BSD

Tgt Ion:142 Resp: 817272

Ion Ratio Lower Upper

142 100

141 85.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 21.520 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135305.D

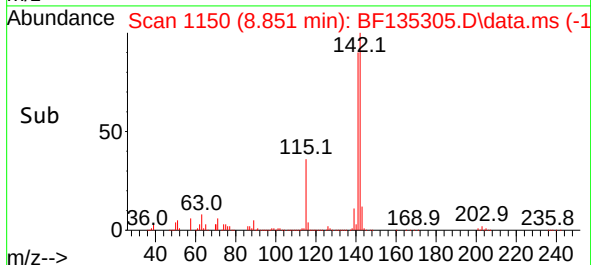
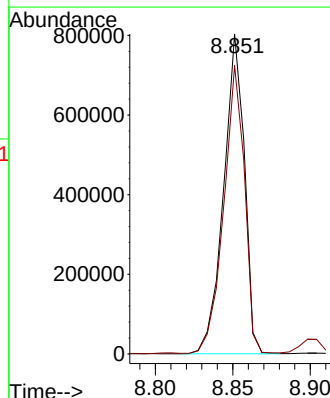
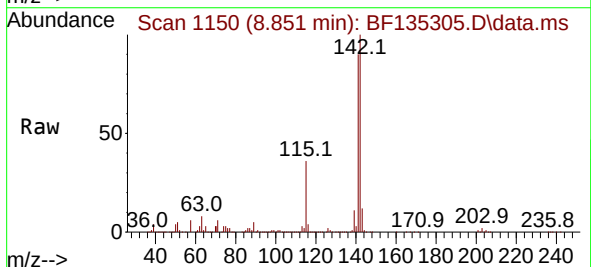
Acq: 18 Sep 2023 14:23

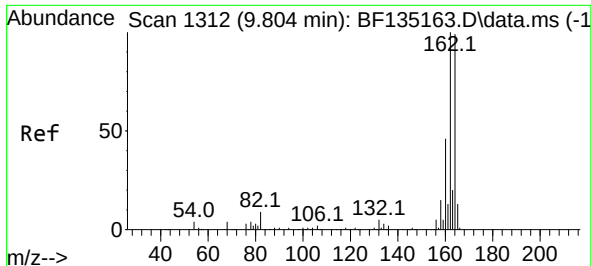
Tgt Ion:142 Resp: 748406

Ion Ratio Lower Upper

142 100

141 90.1 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

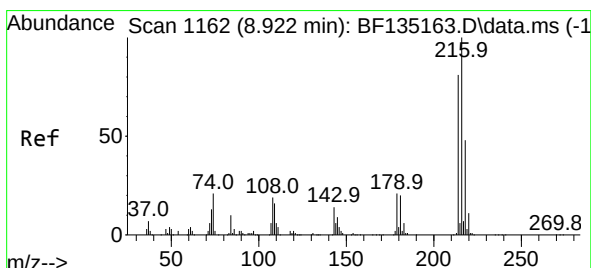
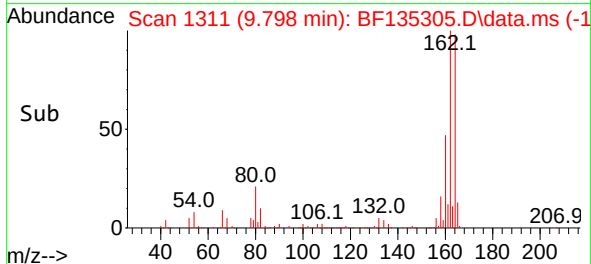
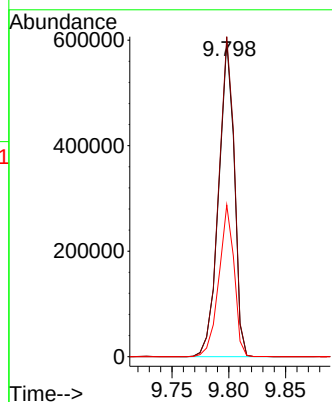
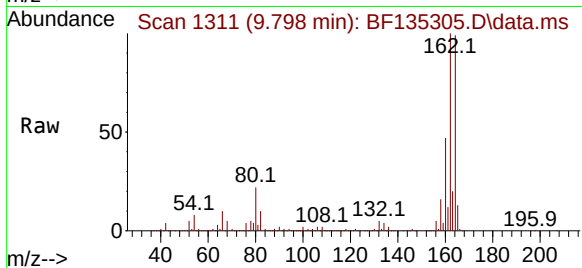
Tgt Ion:164 Resp: 571616

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

160 48.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.732 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Tgt Ion:216 Resp: 376443

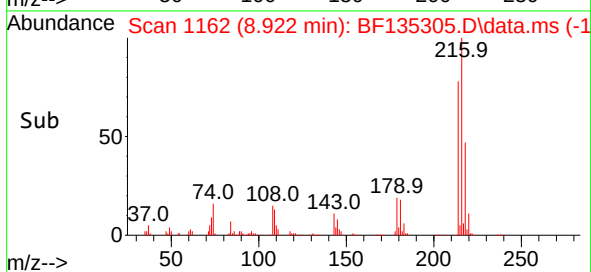
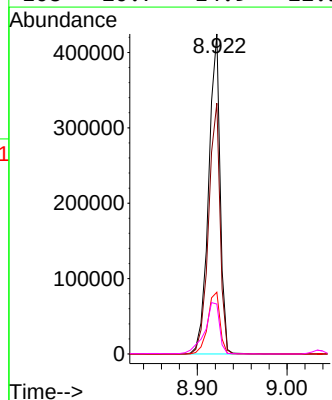
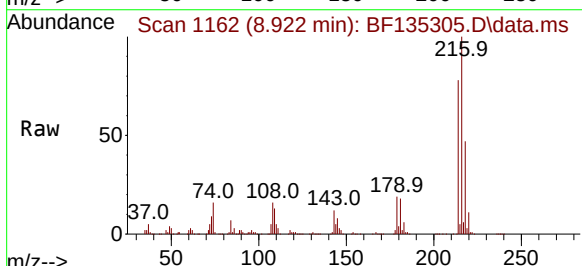
Ion Ratio Lower Upper

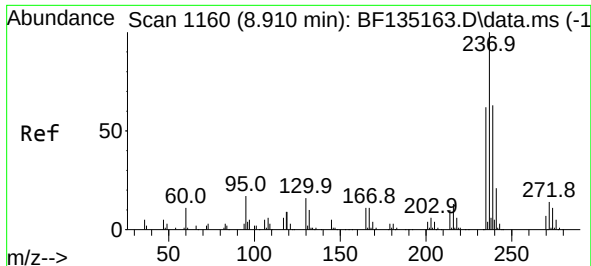
216 100

214 78.7 63.7 95.5

179 20.4 16.7 25.1

108 20.7 14.9 22.3

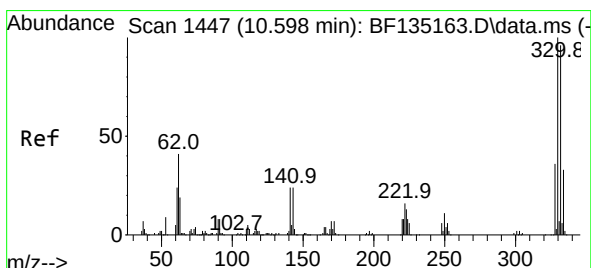
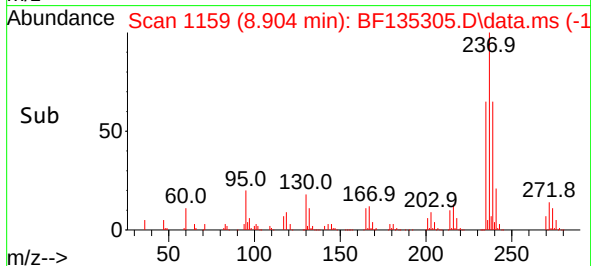
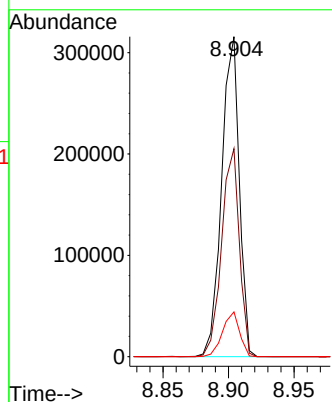
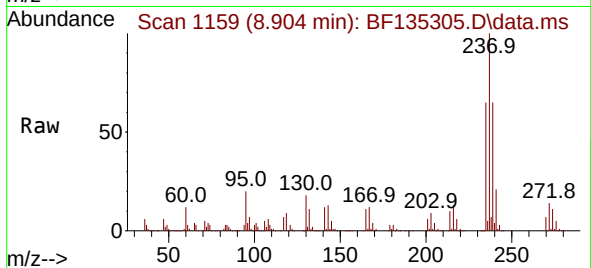




#41
Hexachlorocyclopentadiene
Concen: 44.102 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

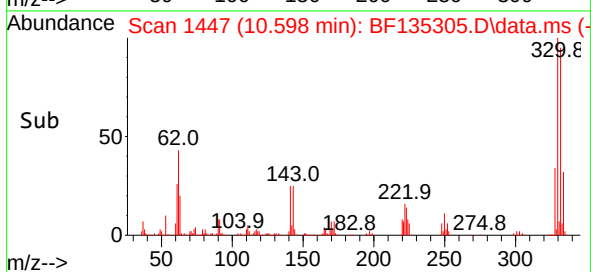
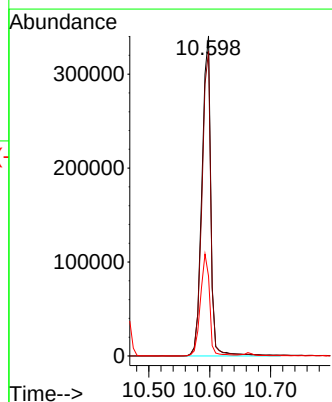
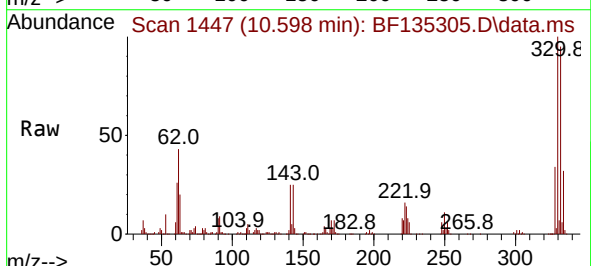
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

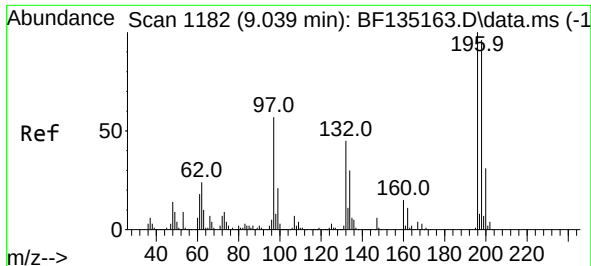
Tgt Ion:237 Resp: 295175
Ion Ratio Lower Upper
237 100
235 65.0 41.8 81.8
272 14.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 61.004 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:330 Resp: 346533
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 32.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 23.661 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

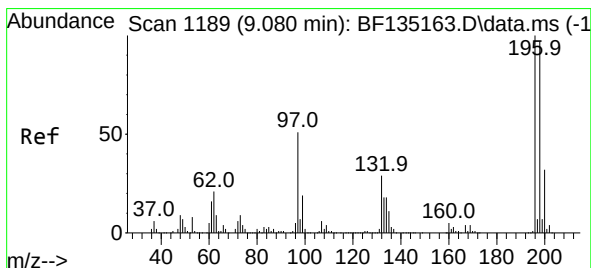
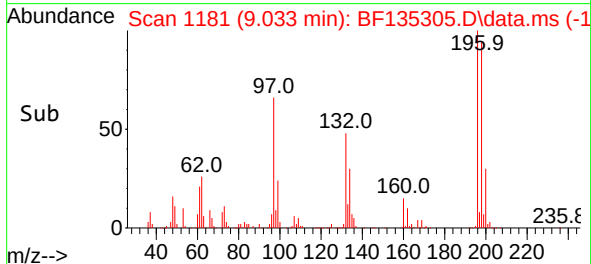
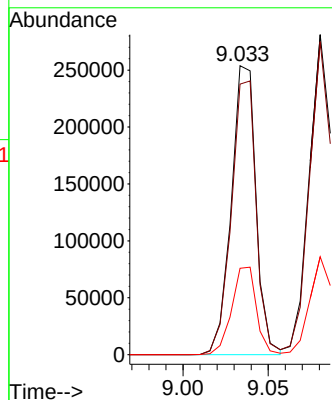
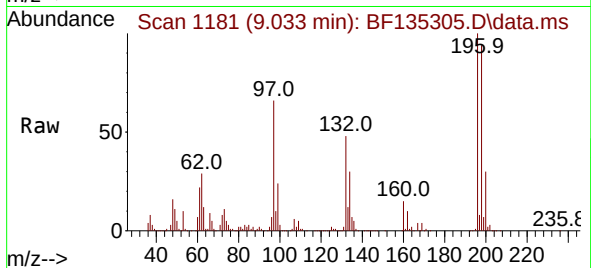
Tgt Ion:196 Resp: 256549

Ion Ratio Lower Upper

196 100

198 93.6 77.0 115.6

200 29.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 22.766 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Tgt Ion:196 Resp: 284272

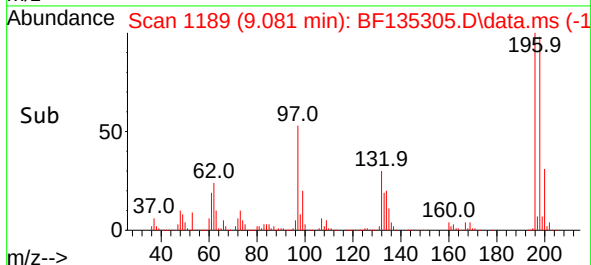
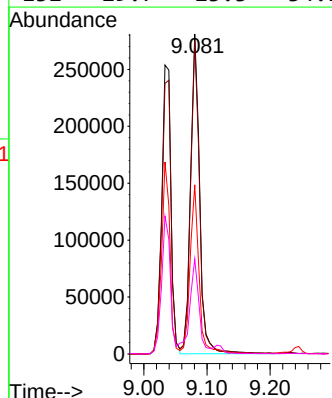
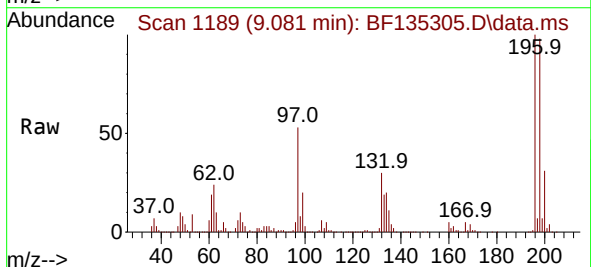
Ion Ratio Lower Upper

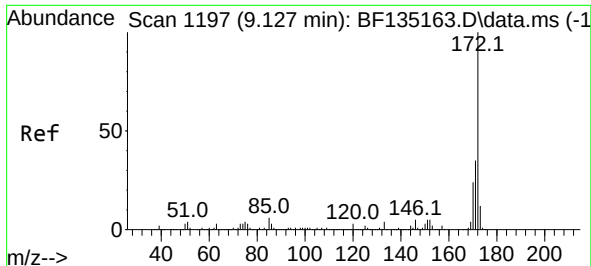
196 100

198 97.8 77.5 116.3

97 52.9 40.5 60.7

132 29.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 40.498 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

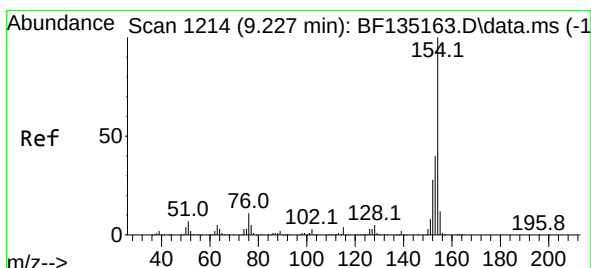
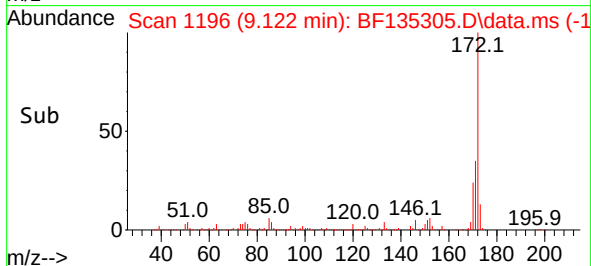
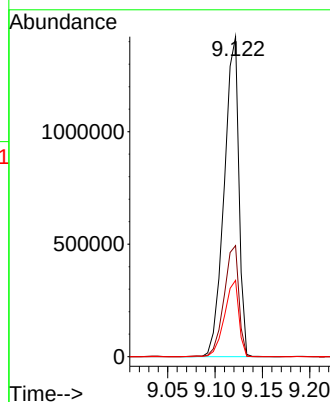
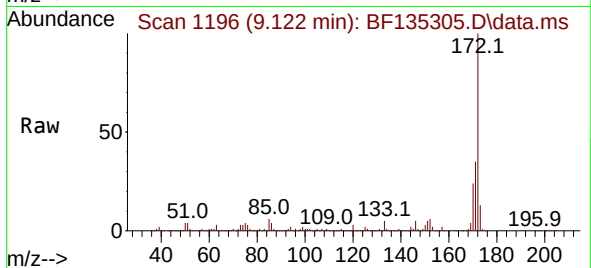
Tgt Ion:172 Resp: 1534382

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 22.372 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

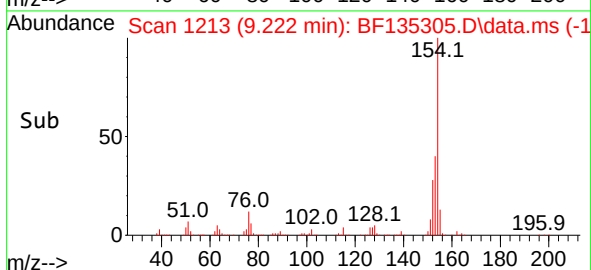
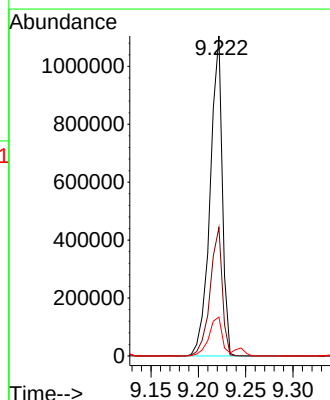
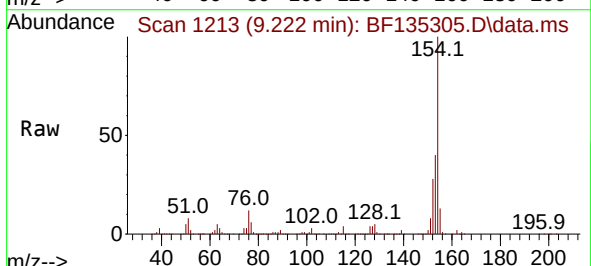
Tgt Ion:154 Resp: 982739

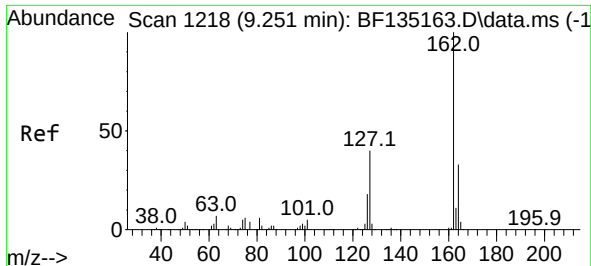
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 12.1 0.0 31.0

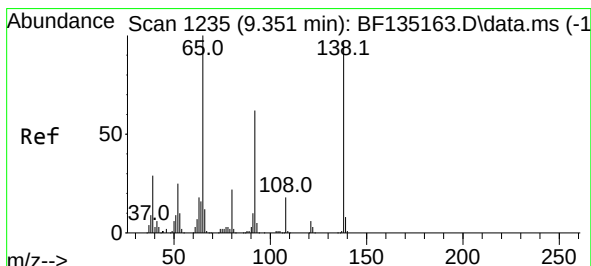
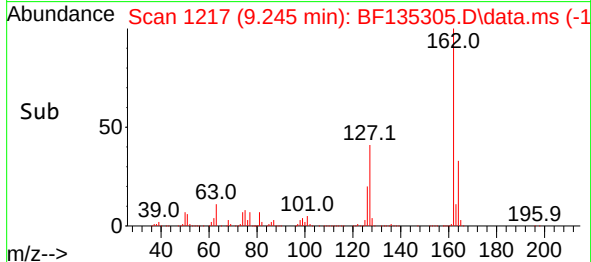
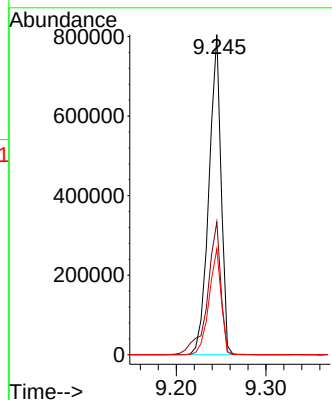
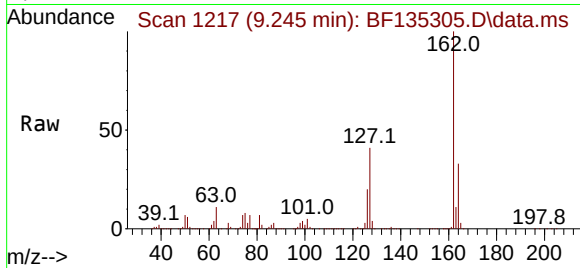




#47
2-Chloronaphthalene
Concen: 23.684 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

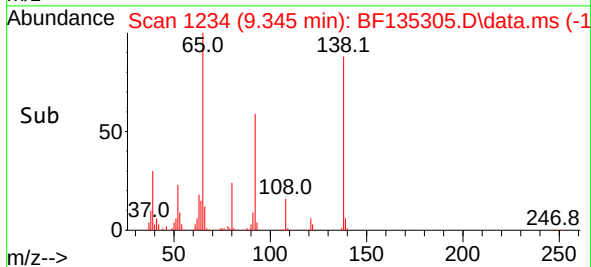
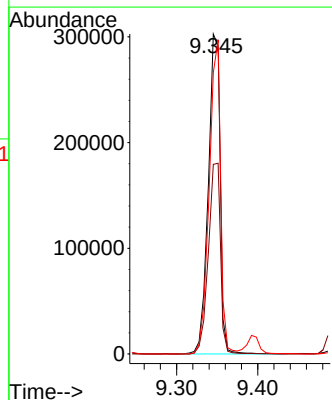
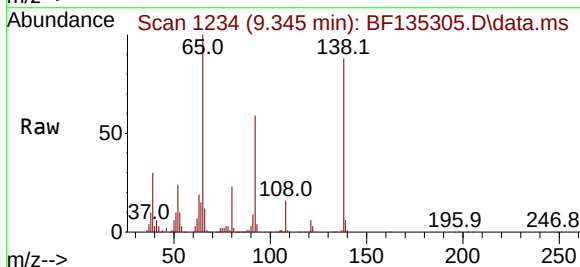
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

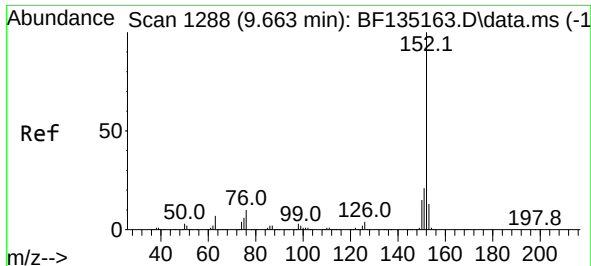
Tgt Ion:162 Resp: 754846
Ion Ratio Lower Upper
162 100
127 41.5 32.6 48.8
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 24.895 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 65 Resp: 308258
Ion Ratio Lower Upper
65 100
92 59.3 49.4 74.0
138 88.0 77.4 116.0





#49

Acenaphthylene

Concen: 22.249 ng

RT: 9.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

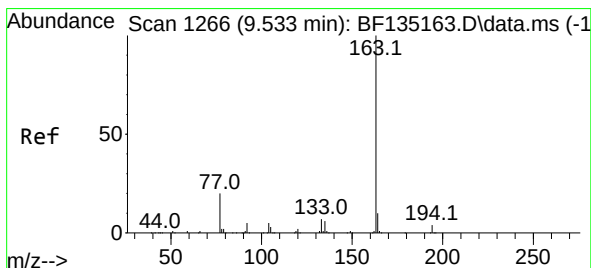
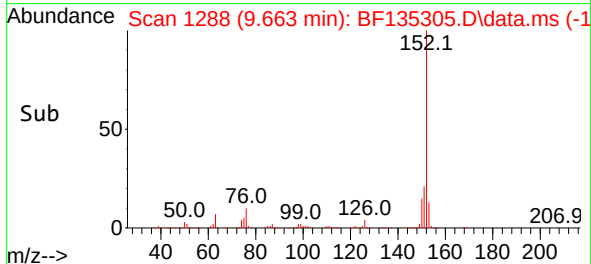
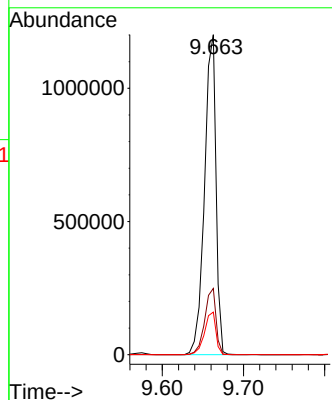
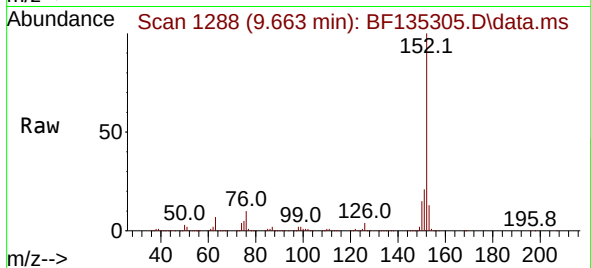
Tgt Ion:152 Resp: 1178512

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 23.644 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

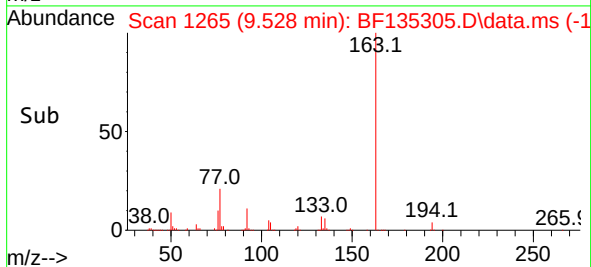
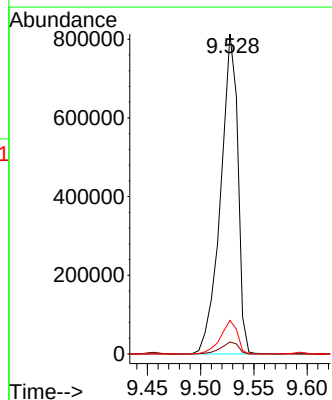
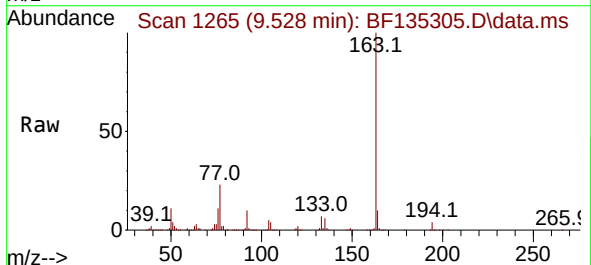
Tgt Ion:163 Resp: 913774

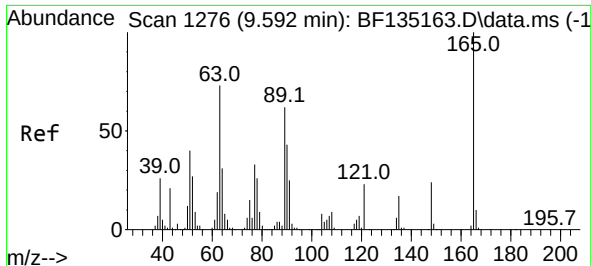
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.5 8.1 12.1

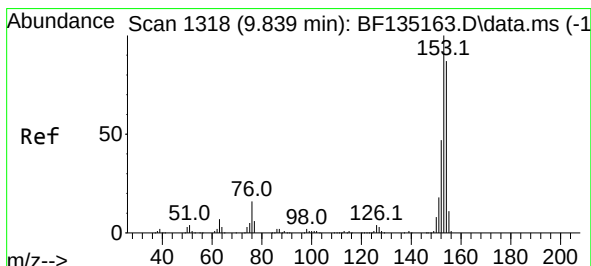
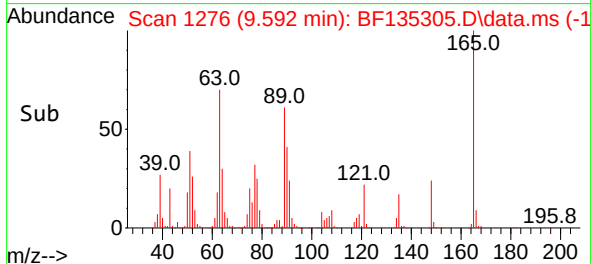
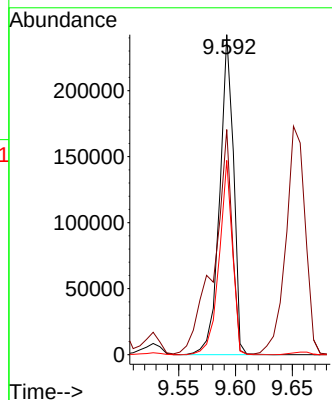
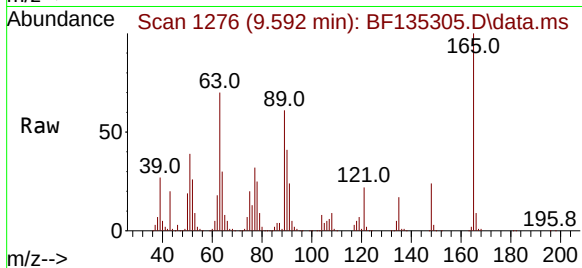




#51
2,6-Dinitrotoluene
Concen: 24.233 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

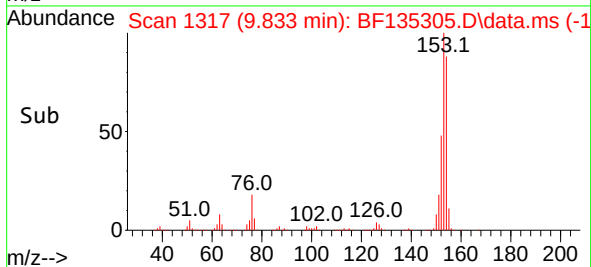
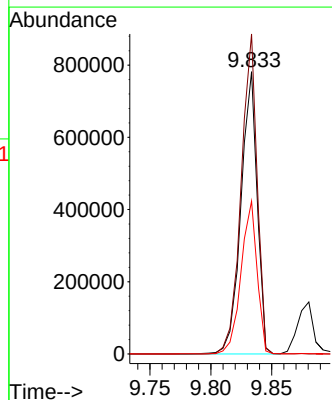
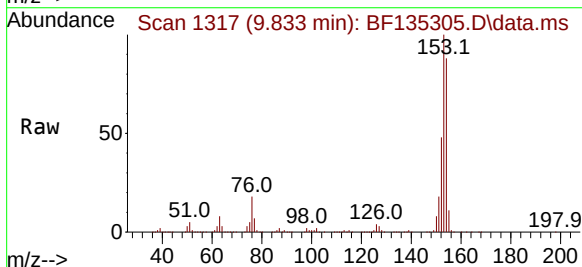
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

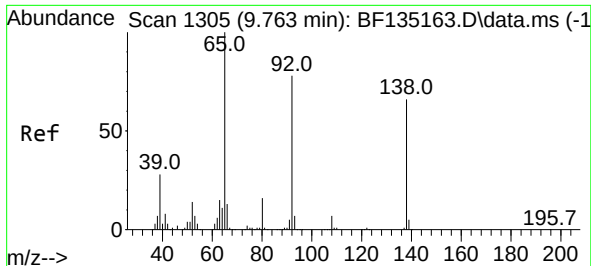
Tgt Ion:165 Resp: 205166
Ion Ratio Lower Upper
165 100
63 70.4 59.4 89.2
89 60.7 49.8 74.8



#52
Acenaphthene
Concen: 23.120 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:154 Resp: 723466
Ion Ratio Lower Upper
154 100
153 113.4 92.1 138.1
152 54.2 43.1 64.7

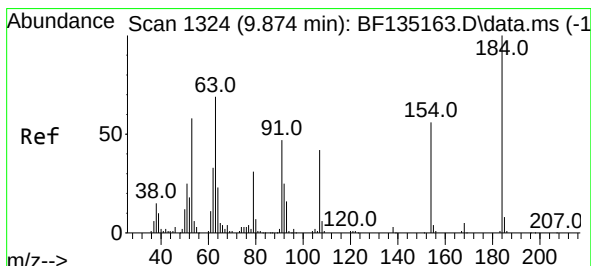
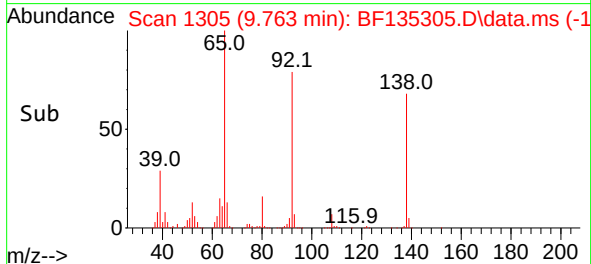
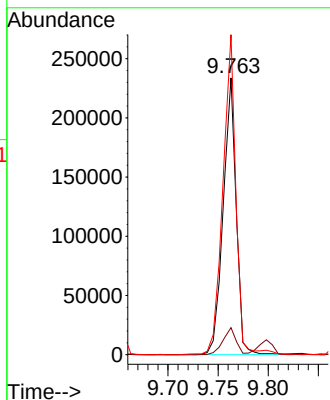
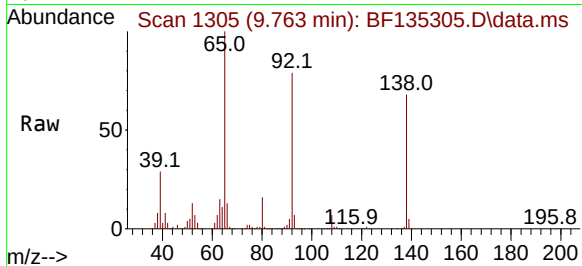




#53
3-Nitroaniline
Concen: 21.113 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

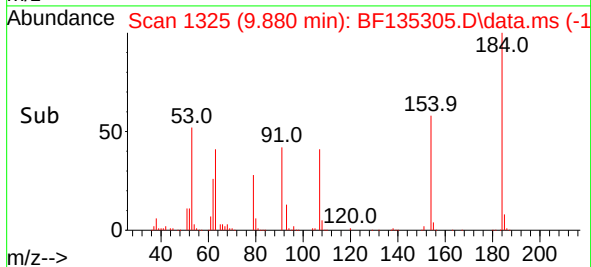
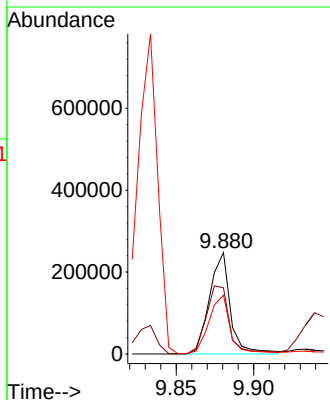
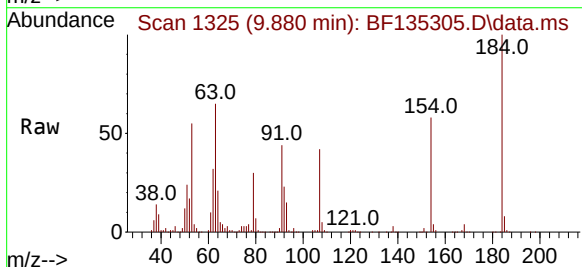
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

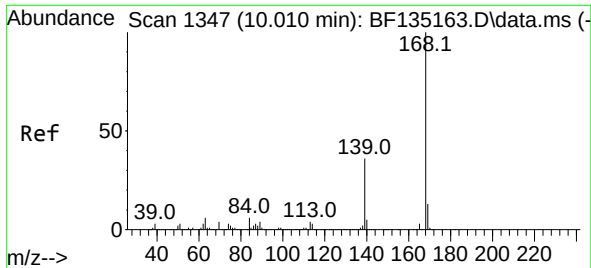
Tgt Ion:138 Resp: 209820
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 115.6 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 50.825 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:184 Resp: 232399
Ion Ratio Lower Upper
184 100
63 65.1 55.1 82.7
154 58.1 48.4 72.6

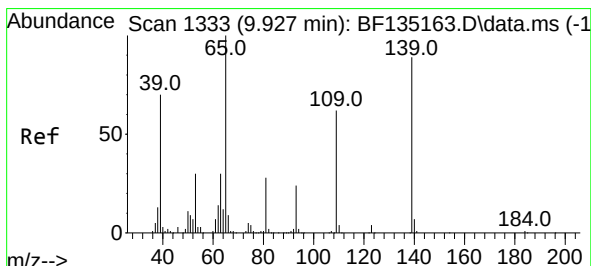
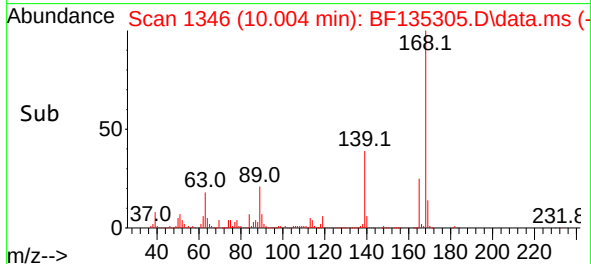
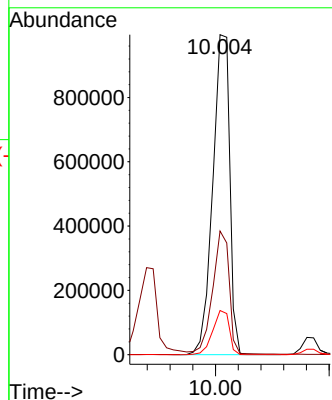
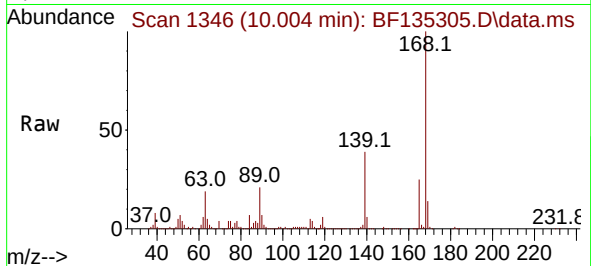




#55
Dibenzenofuran
Concen: 21.660 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

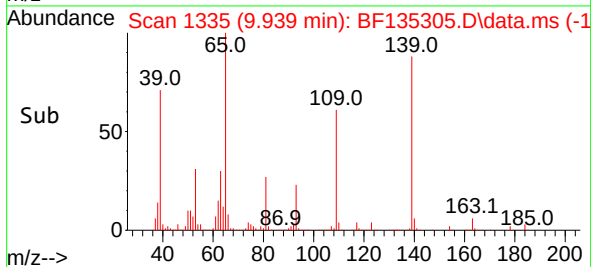
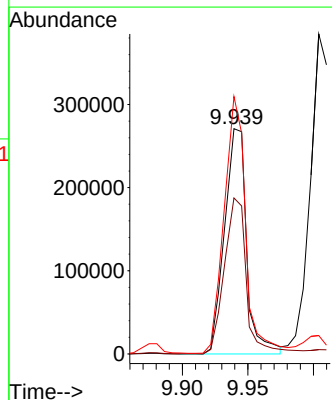
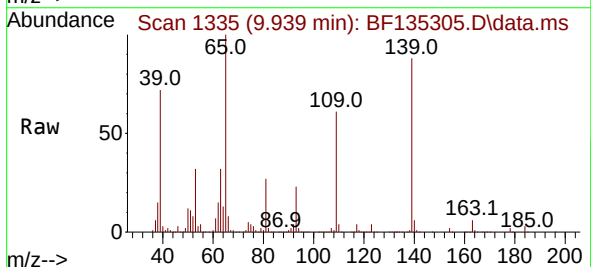
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

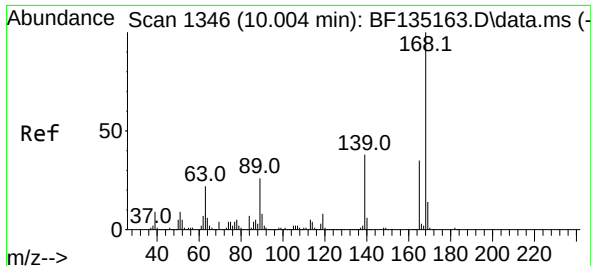
Tgt Ion:168 Resp: 1034252
Ion Ratio Lower Upper
168 100
139 38.7 29.0 43.6
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 50.253 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:139 Resp: 317406
Ion Ratio Lower Upper
139 100
109 69.2 49.8 89.8
65 114.3 92.7 132.7

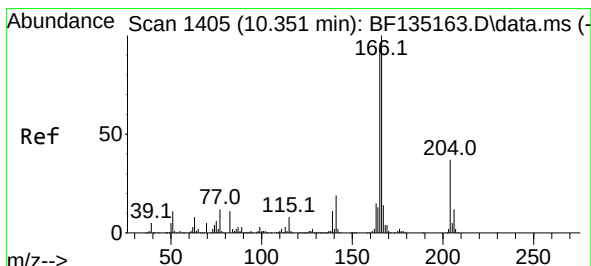
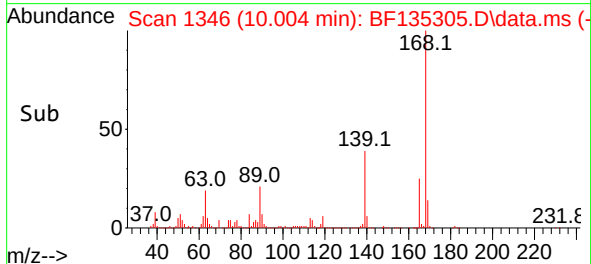
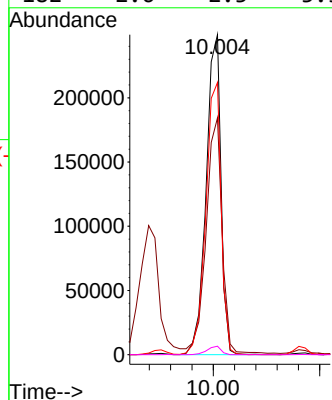
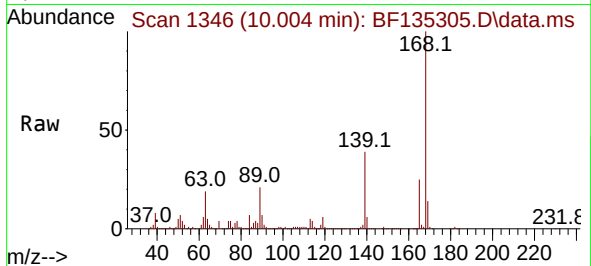




#57
2,4-Dinitrotoluene
Concen: 22.805 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

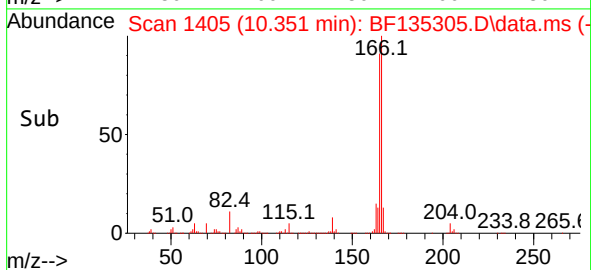
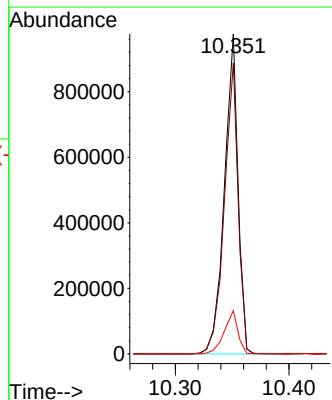
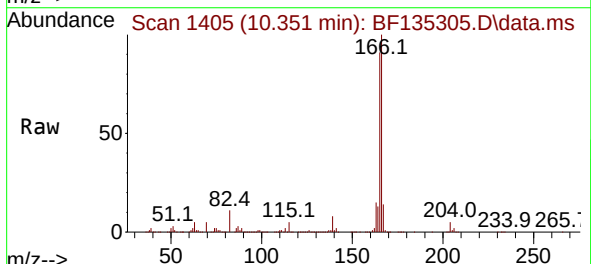
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

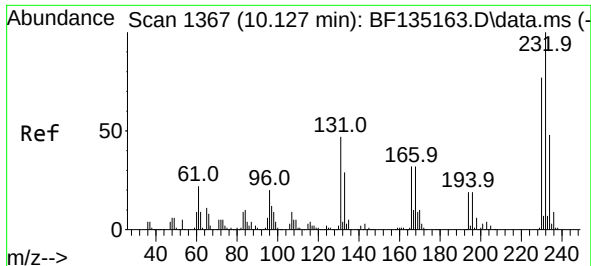
Tgt Ion:165 Resp: 241707
Ion Ratio Lower Upper
165 100
63 74.0 50.1 75.1
89 85.1 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 22.308 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:166 Resp: 818897
Ion Ratio Lower Upper
166 100
165 91.0 74.3 111.5
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 23.792 ng

RT: 10.128 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:232 Resp: 228525

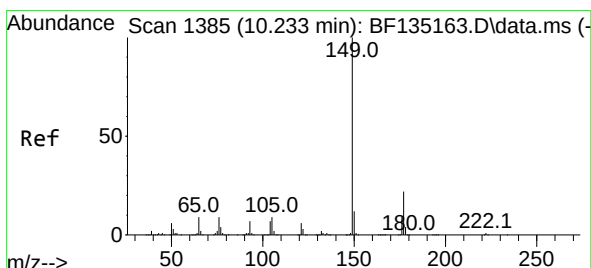
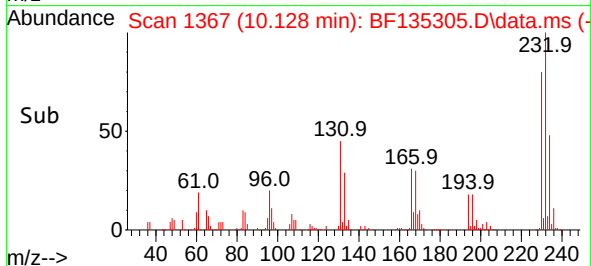
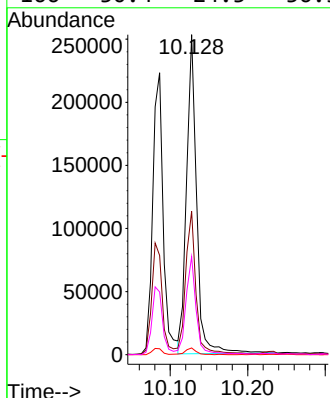
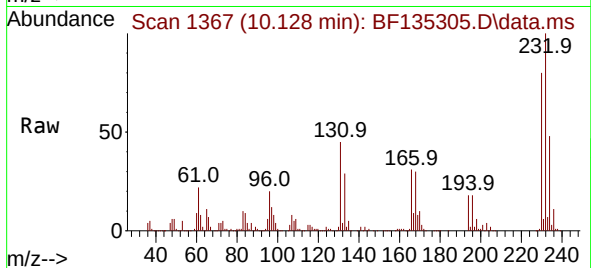
Ion Ratio Lower Upper

232 100

131 45.3 35.4 53.2

130 2.2 1.8 2.8

166 30.4 24.3 36.5



#60

Diethylphthalate

Concen: 23.894 ng

RT: 10.228 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

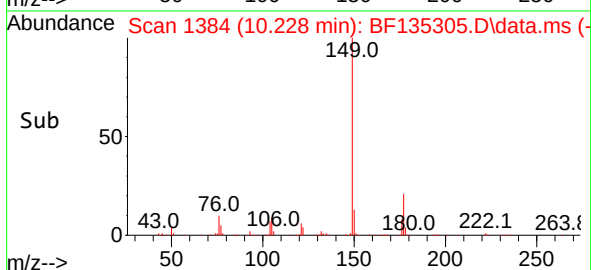
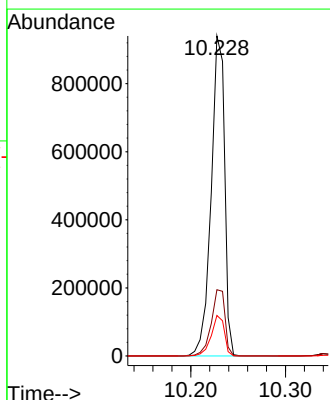
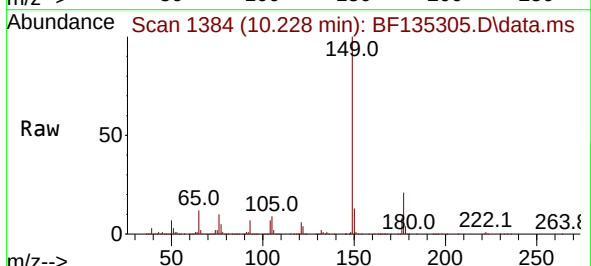
Tgt Ion:149 Resp: 926757

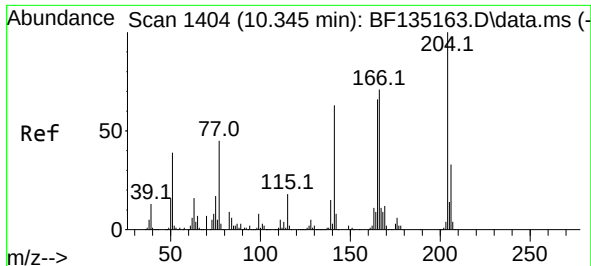
Ion Ratio Lower Upper

149 100

177 20.7 17.8 26.6

150 12.7 10.0 15.0

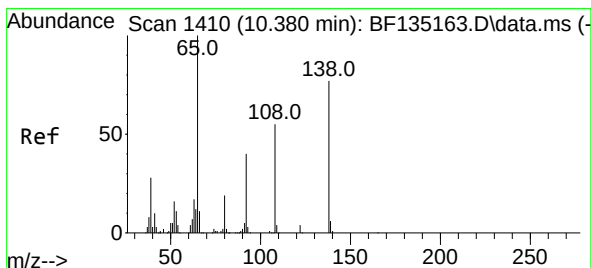
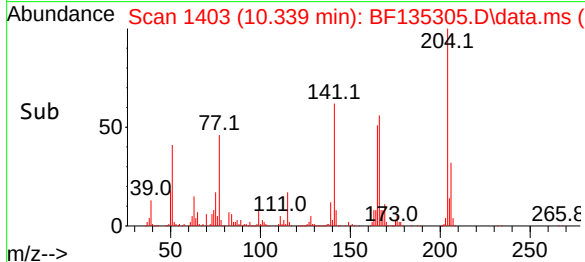
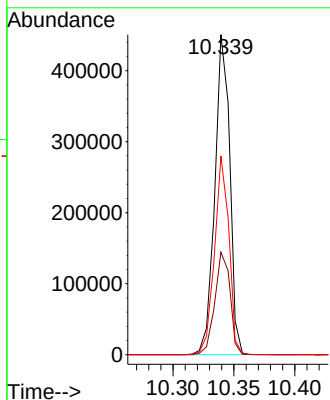
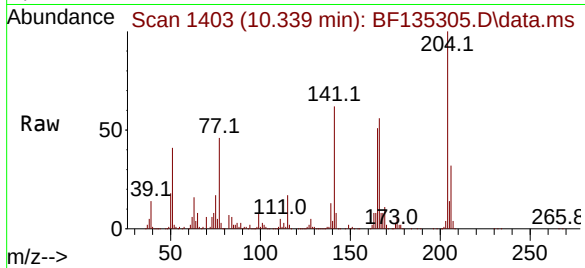




#61
4-Chlorophenyl-phenylether
Concen: 21.816 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

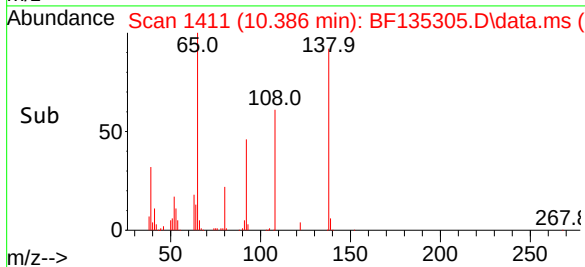
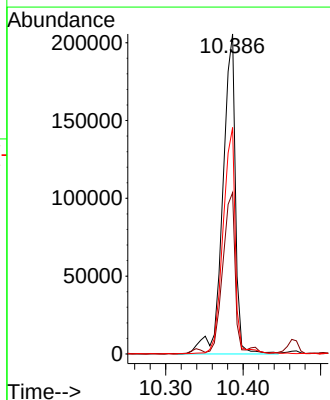
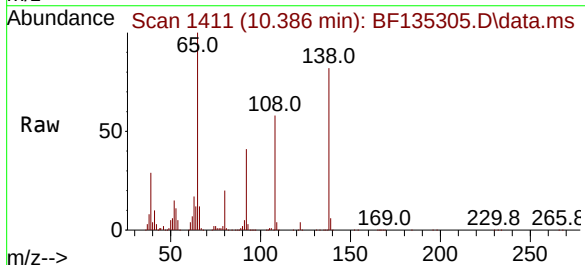
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

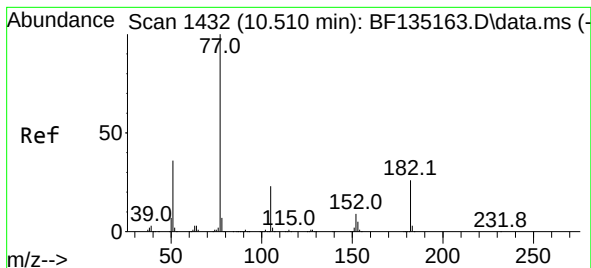
Tgt Ion:204 Resp: 384696
Ion Ratio Lower Upper
204 100
206 32.0 26.7 40.1
141 62.1 50.6 75.8



#62
4-Nitroaniline
Concen: 24.605 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:138 Resp: 235044
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 70.8 52.0 92.0





#63

Azobenzene

Concen: 24.074 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion: 77 Resp: 913853

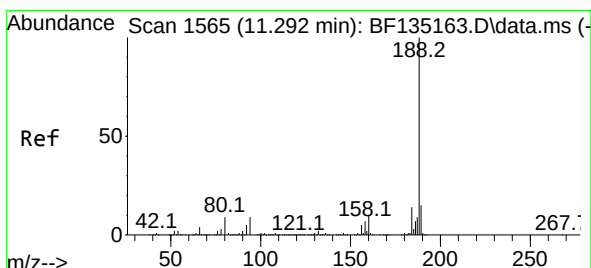
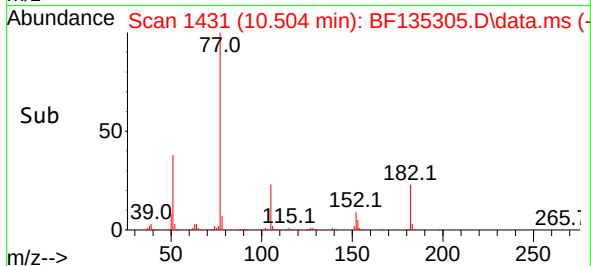
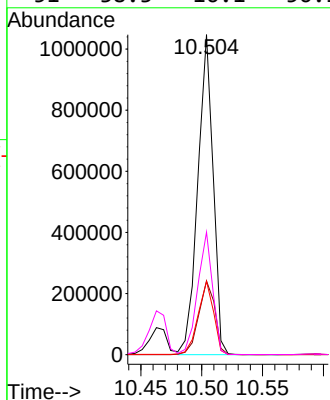
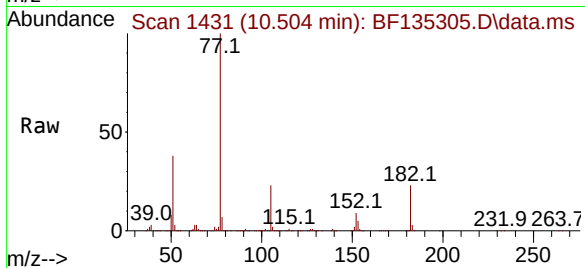
Ion Ratio Lower Upper

77 100

182 23.0 6.4 46.4

105 22.9 3.1 43.1

51 38.3 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

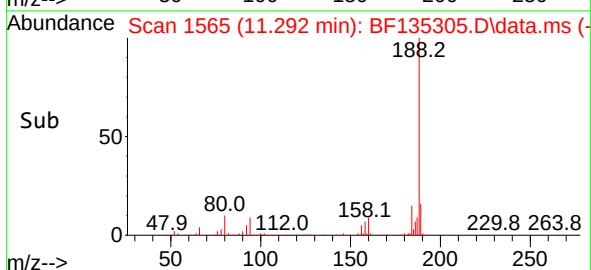
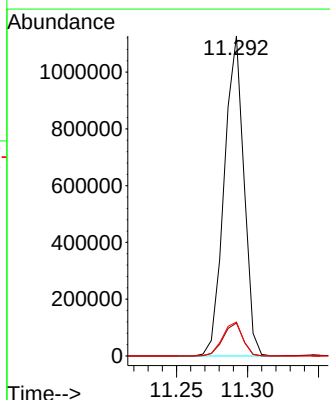
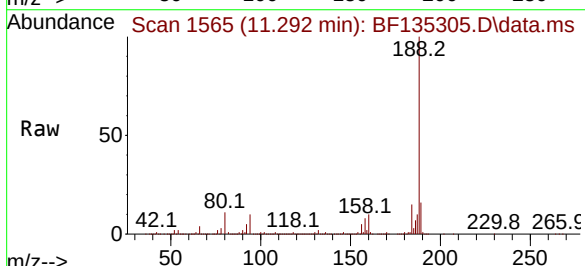
Tgt Ion: 188 Resp: 1084265

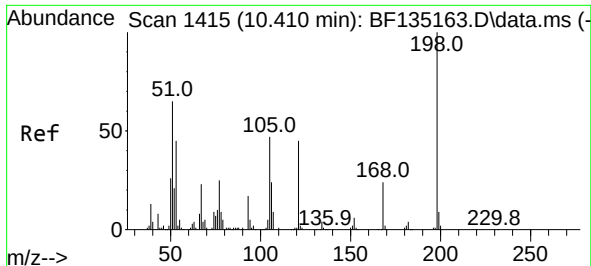
Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 10.6 7.5 11.3

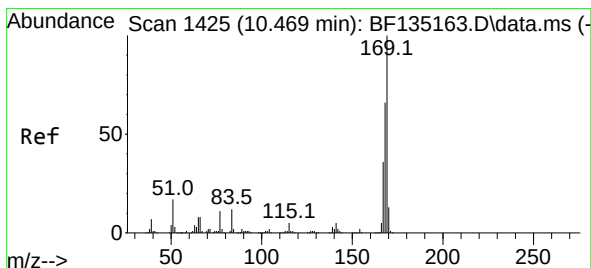
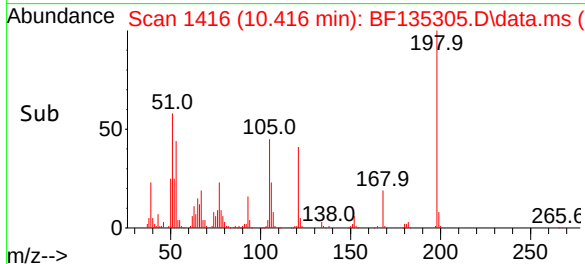
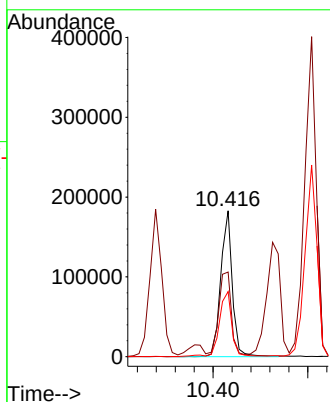
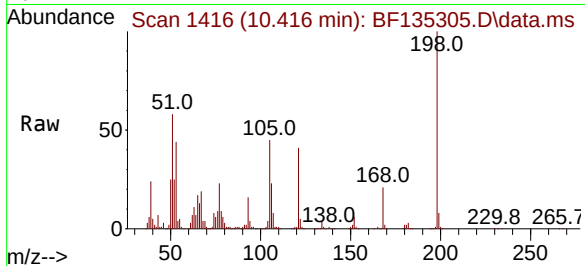




#65
4,6-Dinitro-2-methylphenol
Concen: 26.810 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

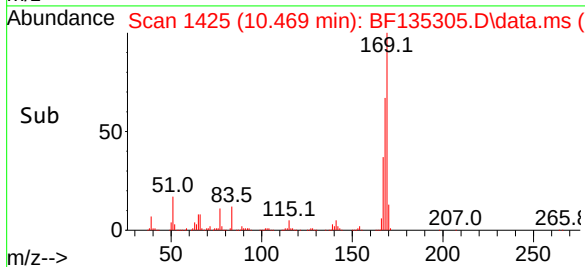
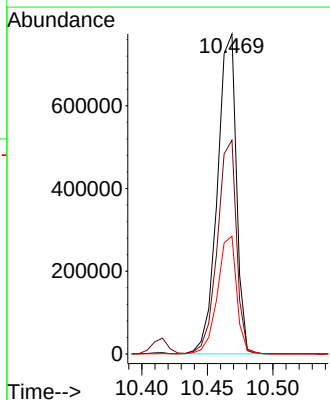
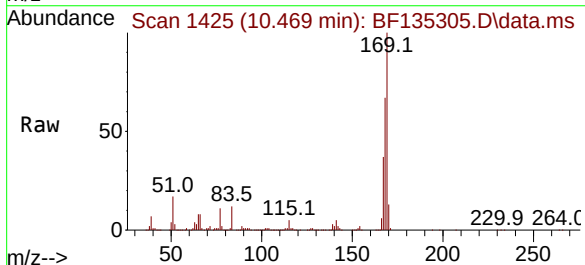
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

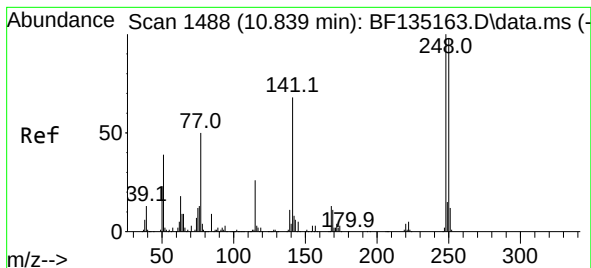
Tgt Ion:198 Resp: 154393
Ion Ratio Lower Upper
198 100
51 58.0 47.7 87.7
105 44.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 23.672 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:169 Resp: 777043
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.8 29.0 43.6

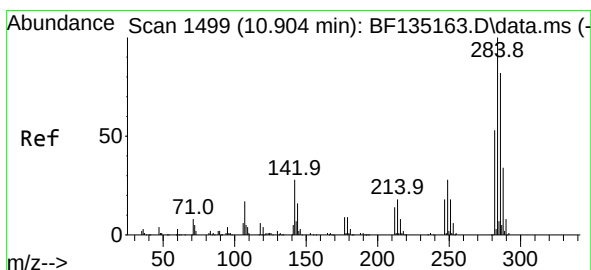
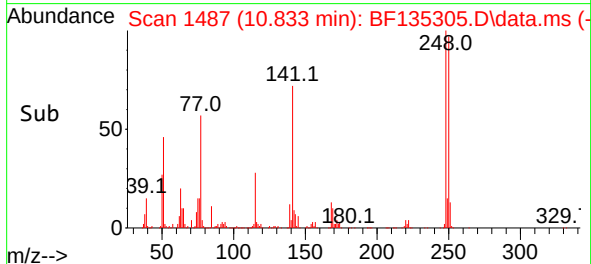
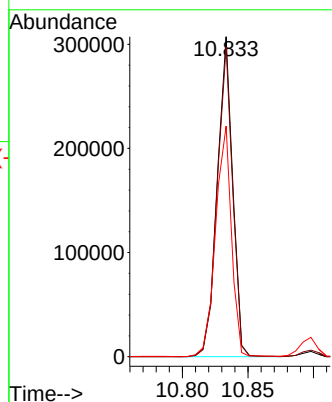
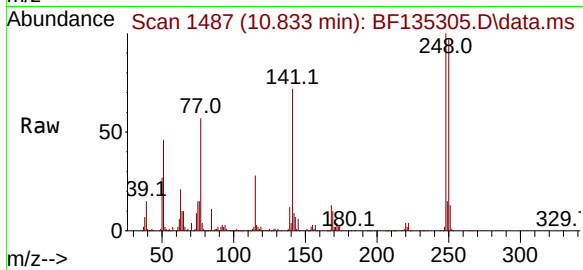




#67
4-Bromophenyl-phenylether
Concen: 23.350 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

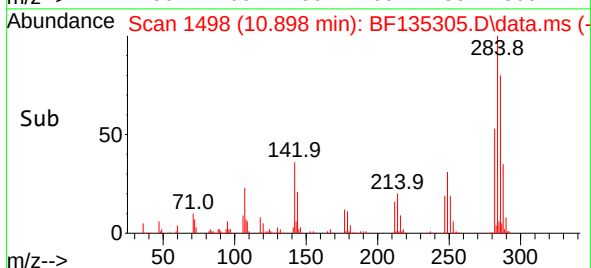
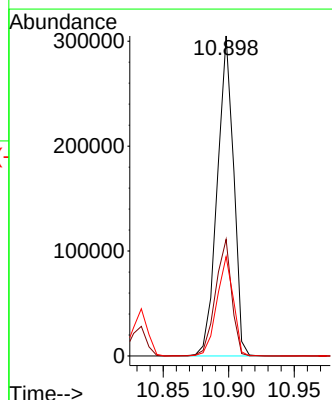
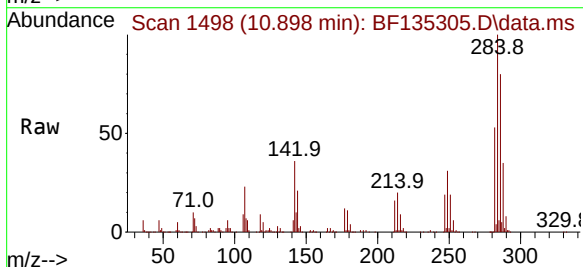
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

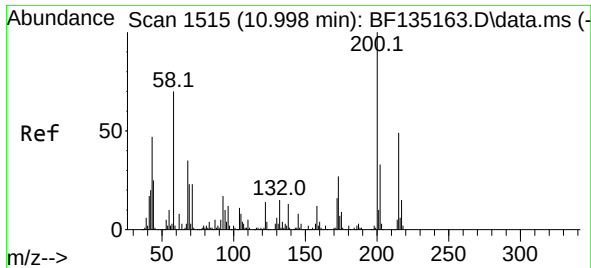
Tgt Ion:248 Resp: 251802
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 72.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 23.997 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:284 Resp: 263638
Ion Ratio Lower Upper
284 100
142 36.4 22.2 33.4#
249 31.0 22.5 33.7

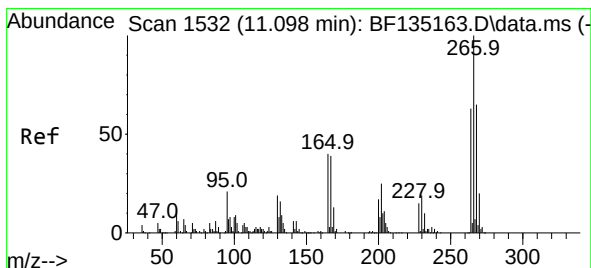
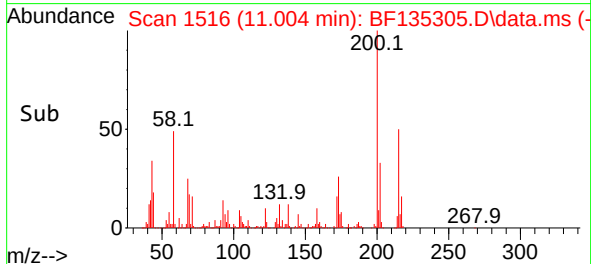
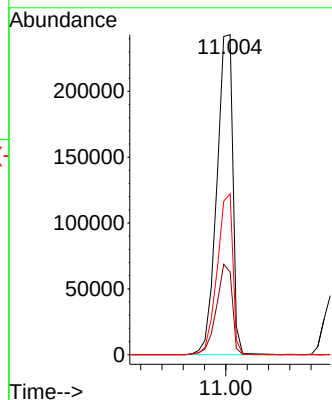
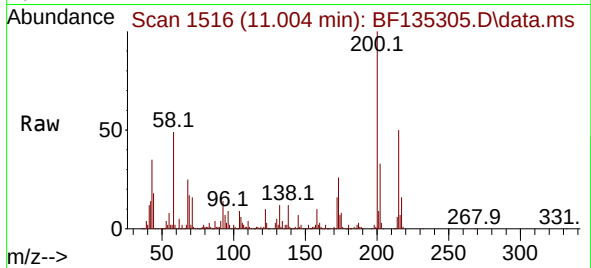




#69
 Atrazine
 Concen: 28.479 ng
 RT: 11.004 min Scan# 11004
 Delta R.T. 0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

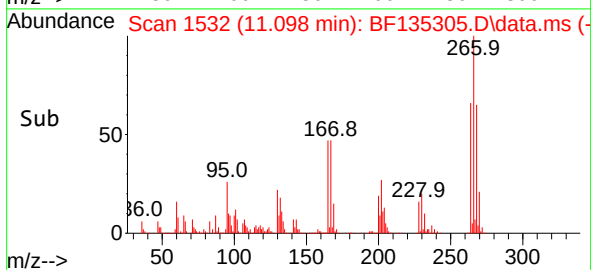
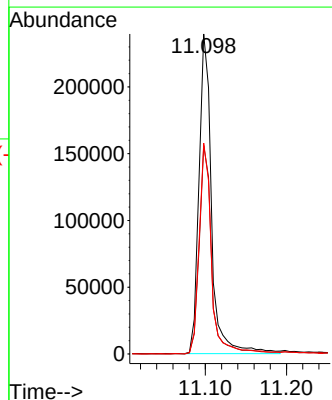
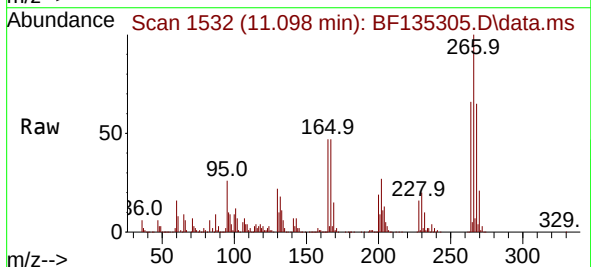
Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD

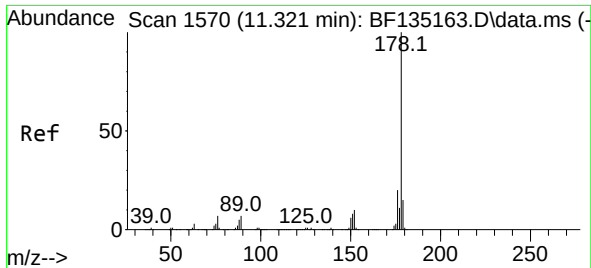
Tgt Ion:200 Resp: 251544
 Ion Ratio Lower Upper
 200 100
 173 25.9 7.4 47.4
 215 50.2 28.6 68.6



#70
 Pentachlorophenol
 Concen: 39.450 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Tgt Ion:266 Resp: 259304
 Ion Ratio Lower Upper
 266 100
 268 65.2 52.1 78.1
 264 65.9 50.8 76.2

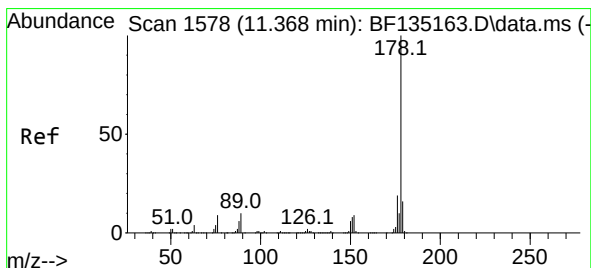
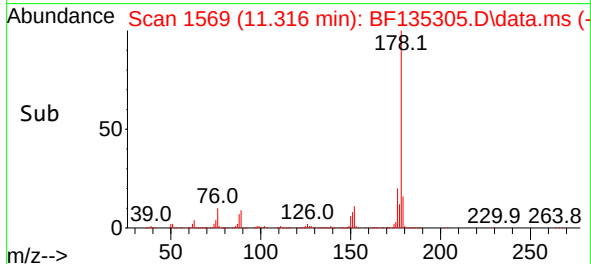
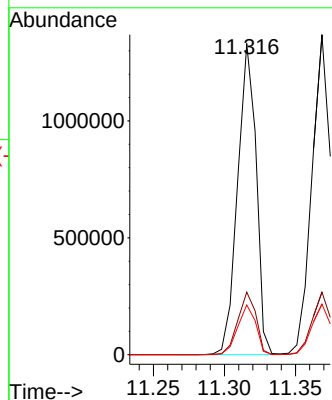
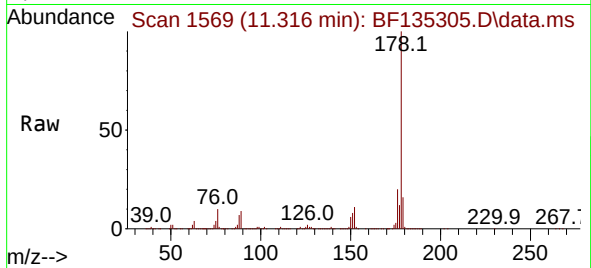




#71
Phenanthrene
Concen: 23.628 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

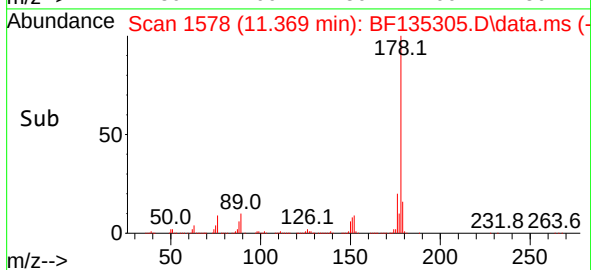
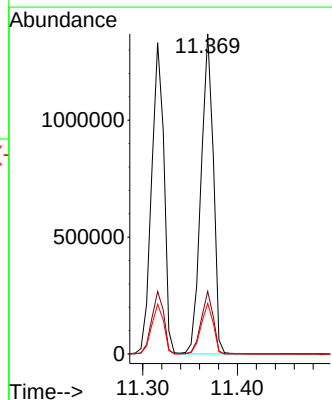
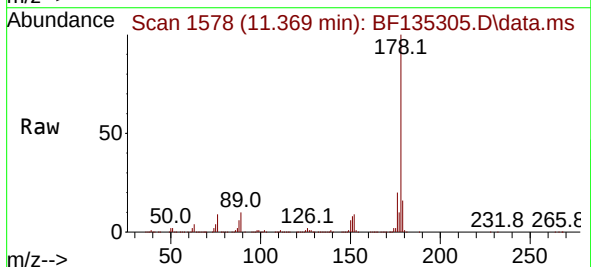
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

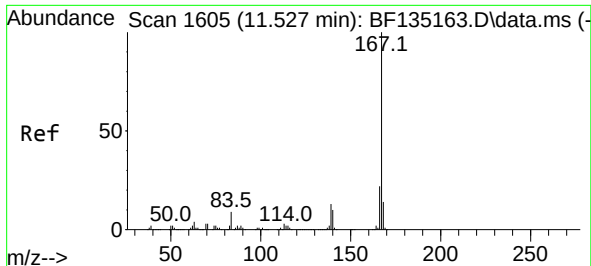
Tgt Ion:178 Resp: 1211665
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 16.0 12.0 18.0



#72
Anthracene
Concen: 23.530 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:178 Resp: 1240322
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.6 19.0



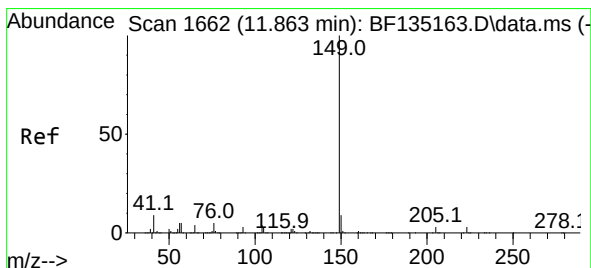
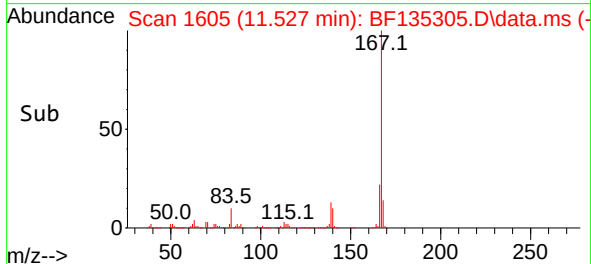
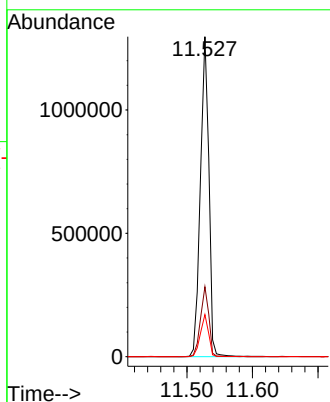
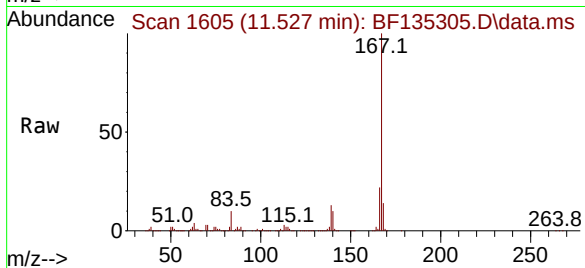


#73
 Carbazole
 Concen: 24.417 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD

Tgt Ion:167 Resp: 1171623

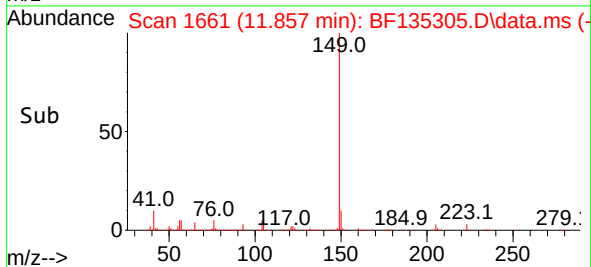
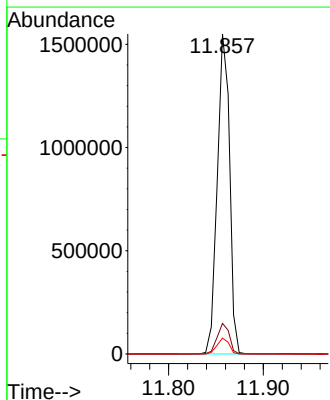
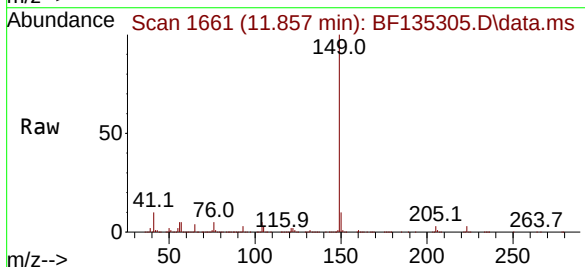
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.2	10.6	15.8

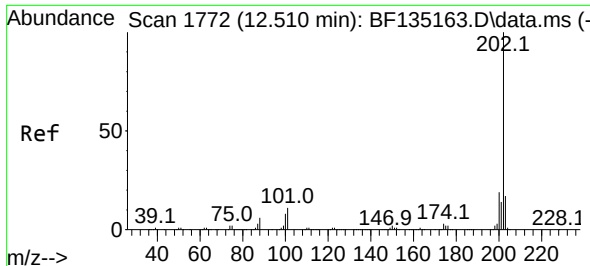


#74
 Di-n-butylphthalate
 Concen: 24.663 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Tgt Ion:149 Resp: 1394476

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.0	3.6	5.4

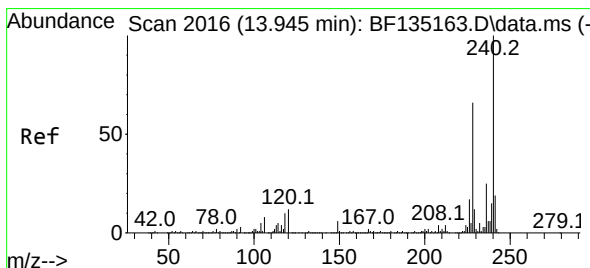
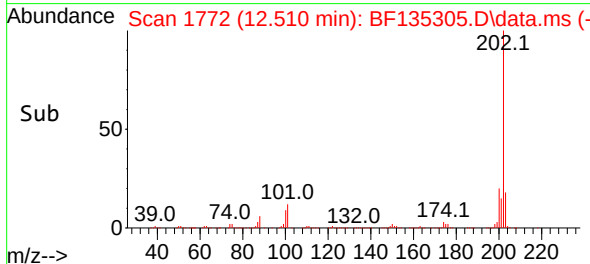
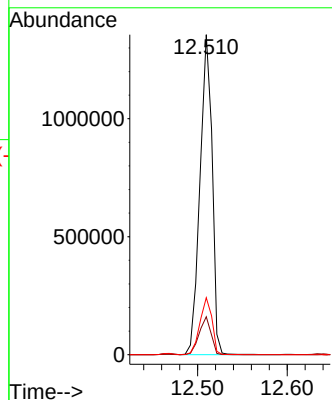
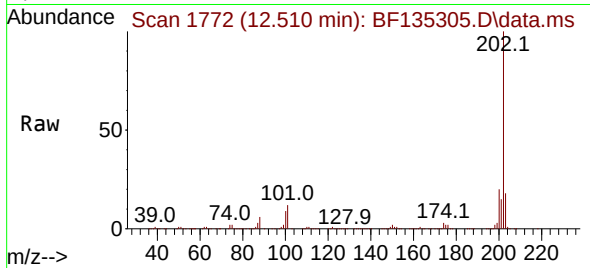




#75
Fluoranthene
Concen: 23.841 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

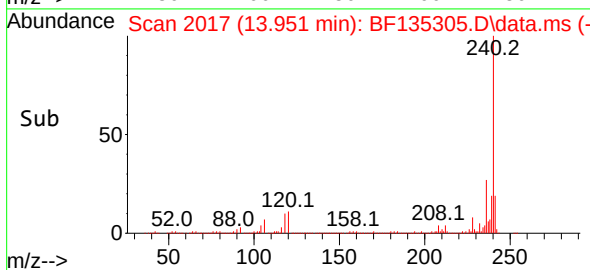
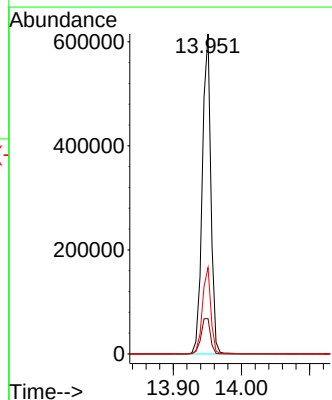
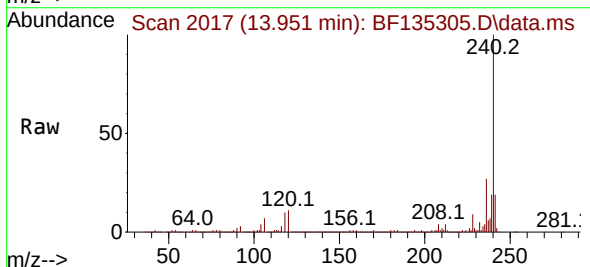
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

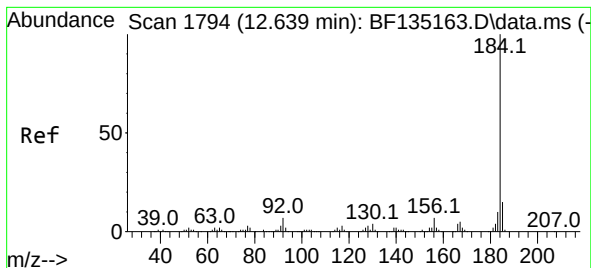
Tgt Ion:202 Resp: 1273947
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.3
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:240 Resp: 537526
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 27.0 19.8 29.8





#77

Benzidine

Concen: 46.605 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

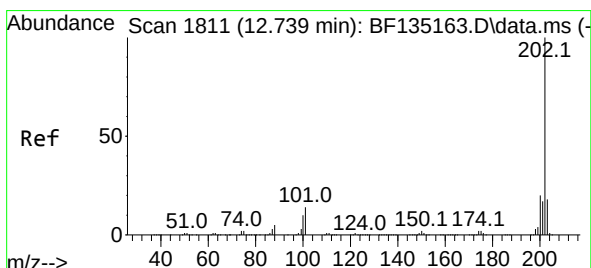
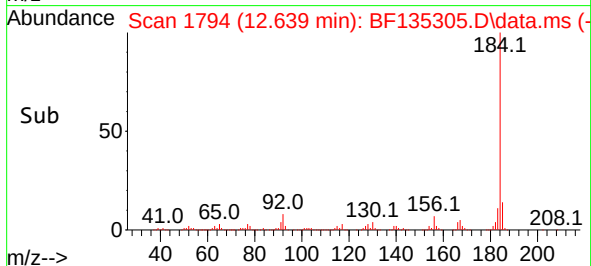
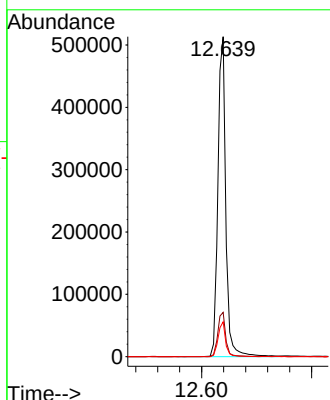
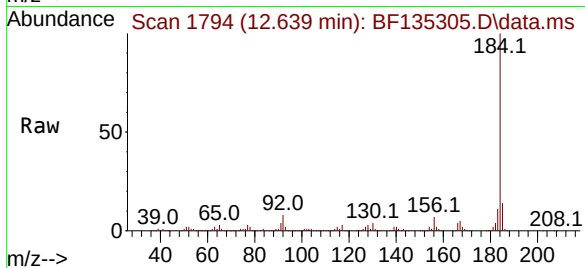
Tgt Ion:184 Resp: 513224

Ion Ratio Lower Upper

184 100

185 13.8 11.7 17.5

183 10.9 8.2 12.4



#78

Pyrene

Concen: 25.101 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

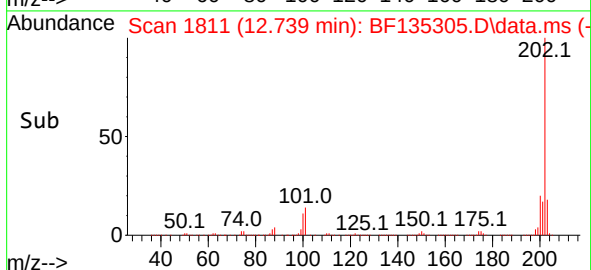
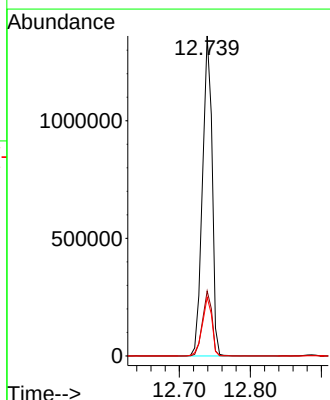
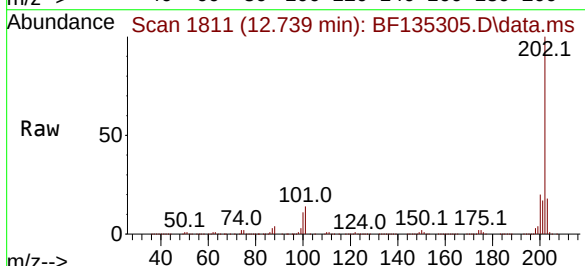
Tgt Ion:202 Resp: 1284599

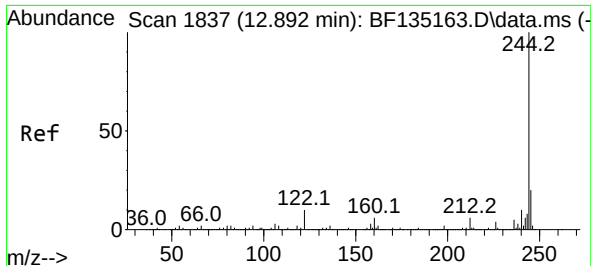
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

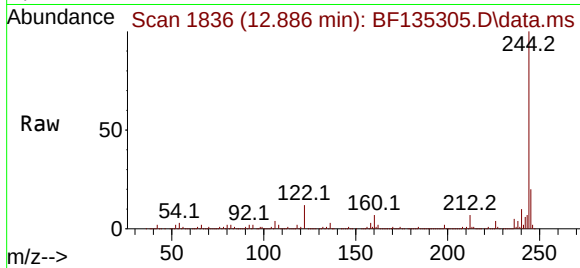
203 18.3 14.2 21.4





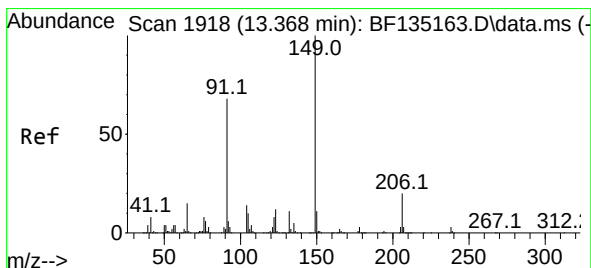
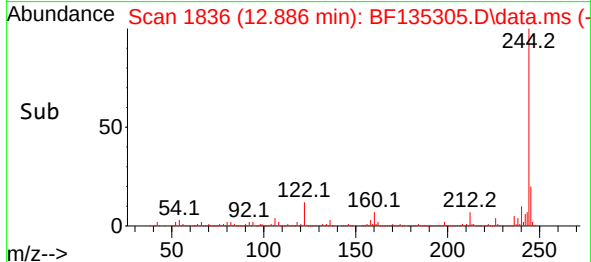
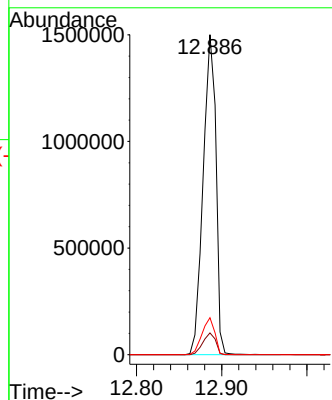
#79
 Terphenyl-d14
 Concen: 45.094 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD



Tgt Ion:244 Resp: 1563629

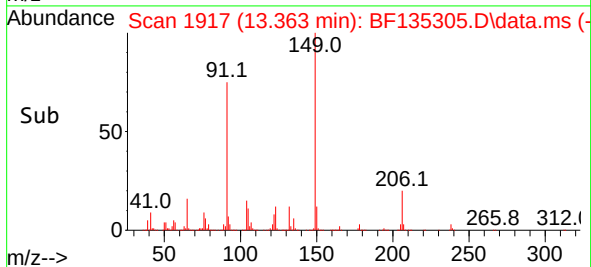
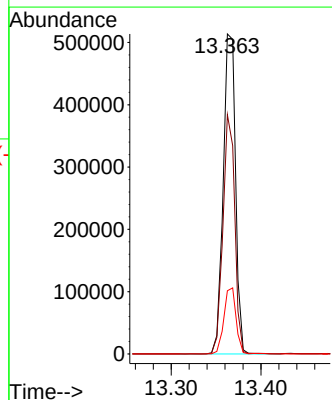
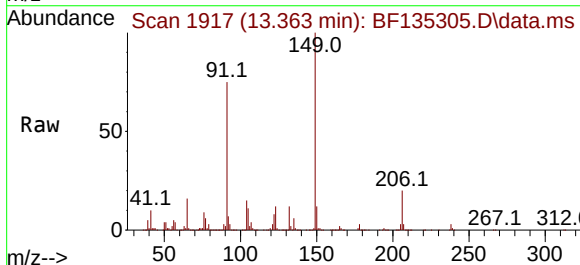
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.5	7.9	11.9

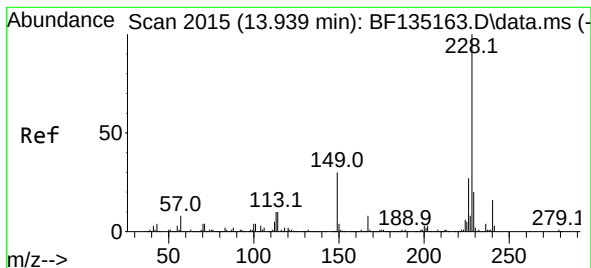


#80
 Butylbenzylphthalate
 Concen: 27.243 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Tgt Ion:149 Resp: 490883

Ion	Ratio	Lower	Upper
149	100		
91	74.7	54.7	82.1
206	19.8	16.3	24.5





#81

Benzo(a)anthracene

Concen: 22.589 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

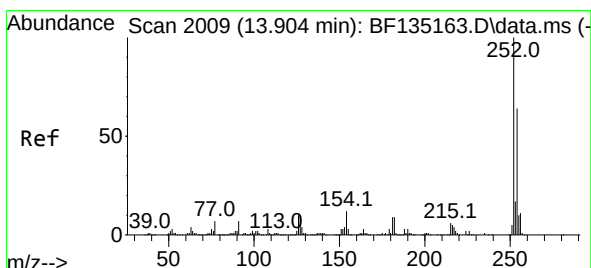
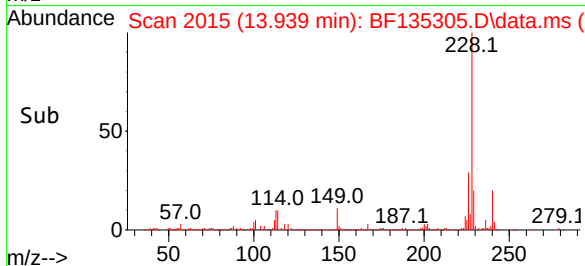
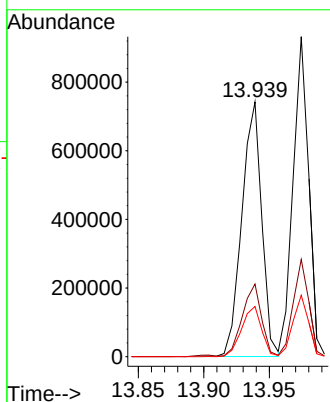
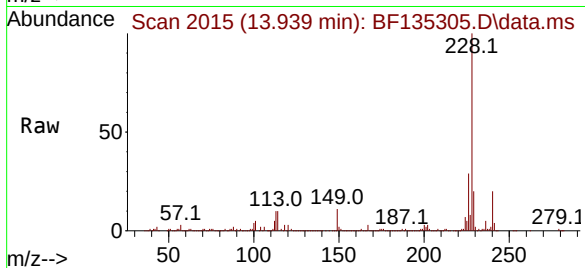
Tgt Ion:228 Resp: 784046

Ion Ratio Lower Upper

228 100

226 28.5 21.7 32.5

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 23.135 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

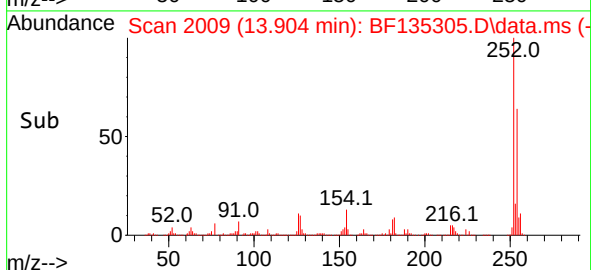
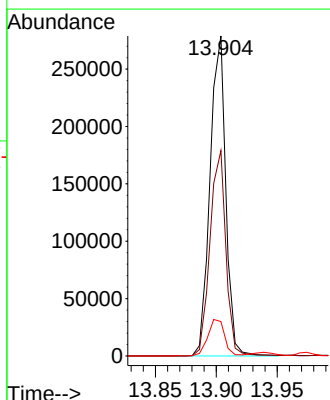
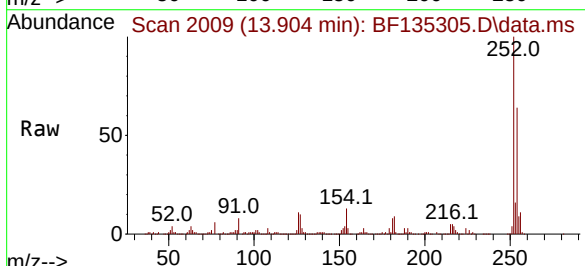
Tgt Ion:252 Resp: 250821

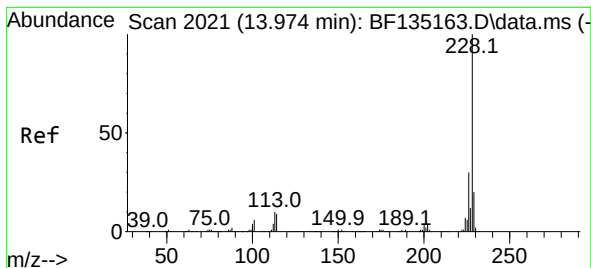
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.4

126 10.8 7.8 11.8





#83

Chrysene

Concen: 22.447 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

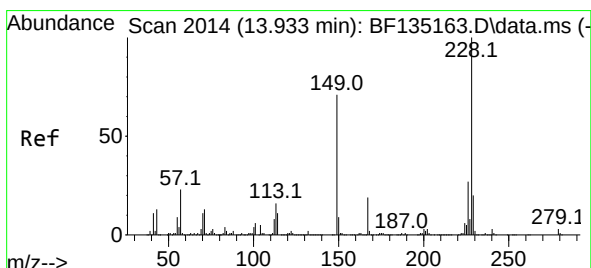
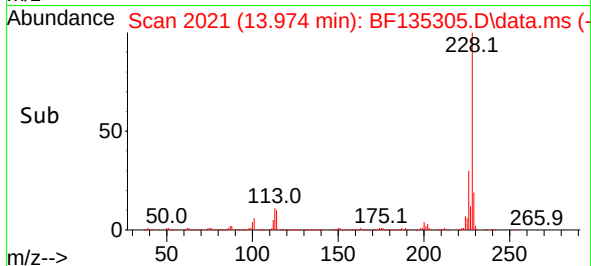
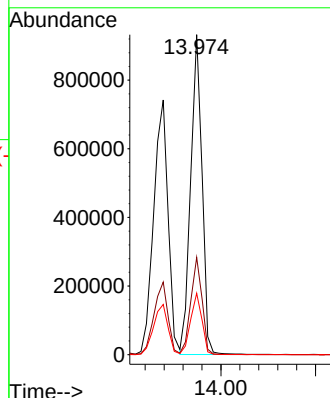
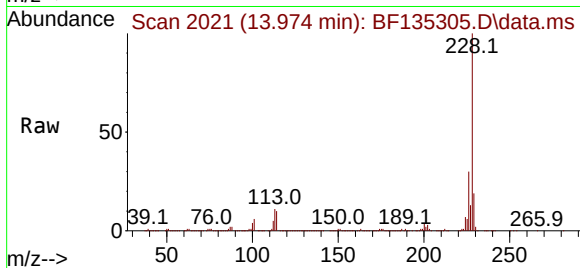
Tgt Ion:228 Resp: 774620

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.688 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

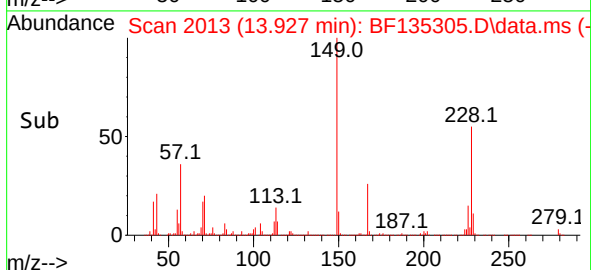
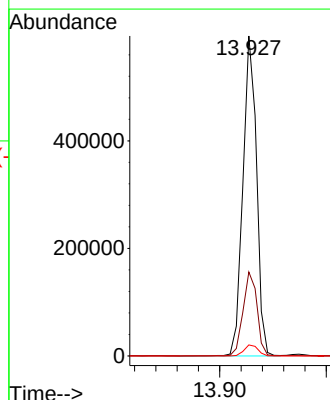
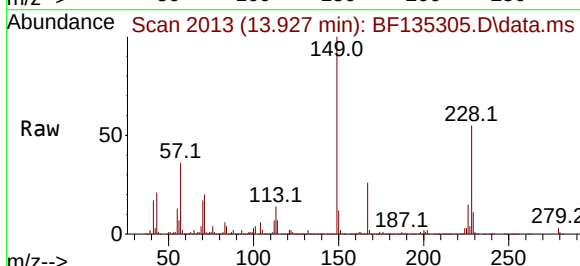
Tgt Ion:149 Resp: 530448

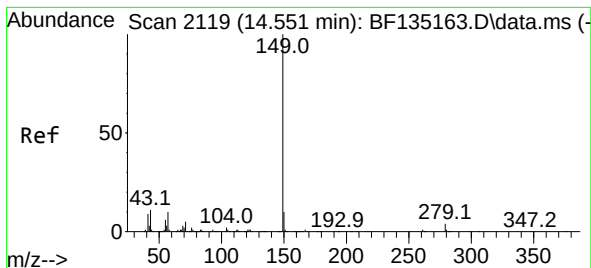
Ion Ratio Lower Upper

149 100

167 26.3 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 27.233 ng

RT: 14.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

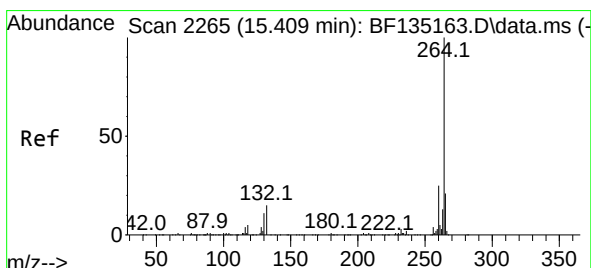
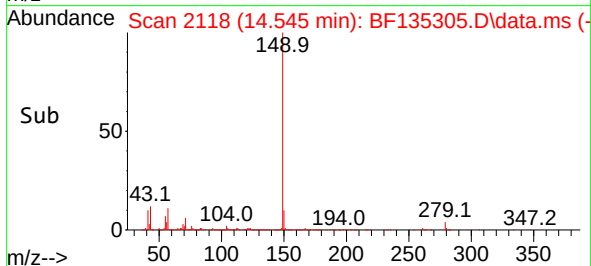
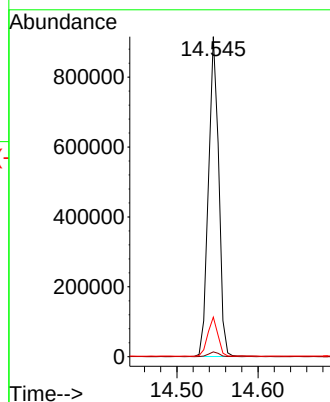
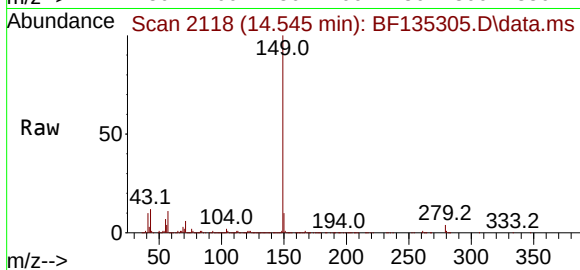
Tgt Ion:149 Resp: 800227

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

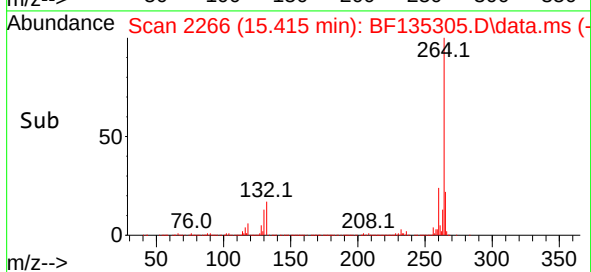
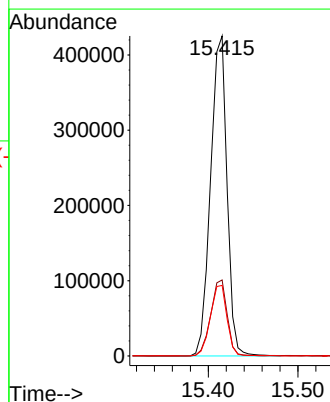
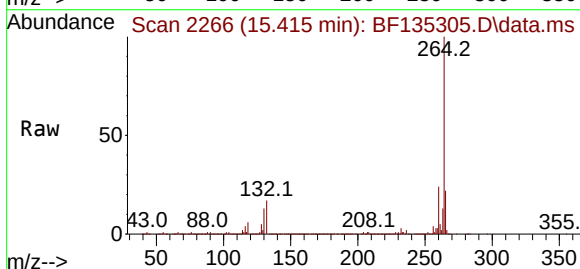
Tgt Ion:264 Resp: 541137

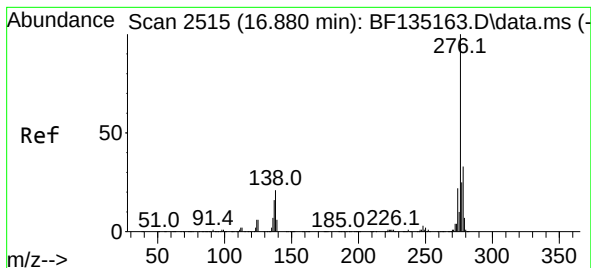
Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 23.477 ng

RT: 16.898 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

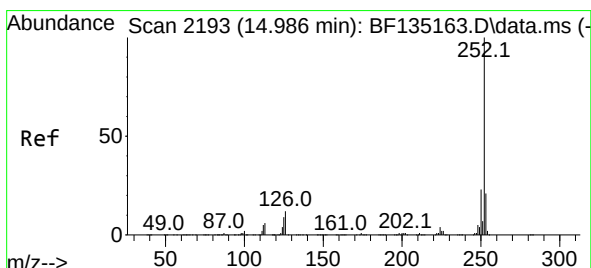
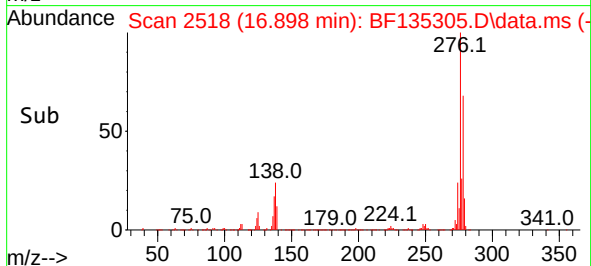
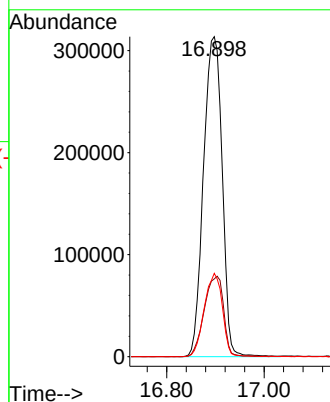
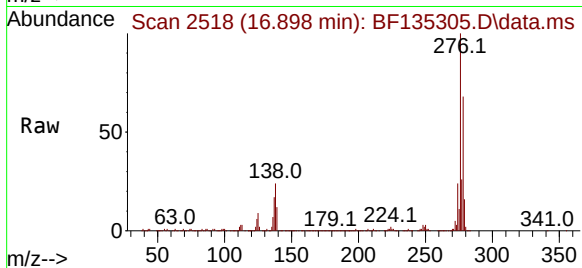
Tgt Ion:276 Resp: 832962

Ion Ratio Lower Upper

276 100

138 26.2 19.2 28.8

277 25.3 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 22.468 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

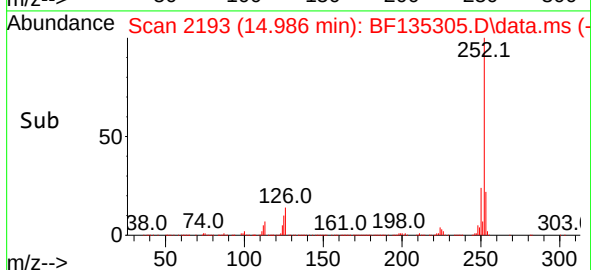
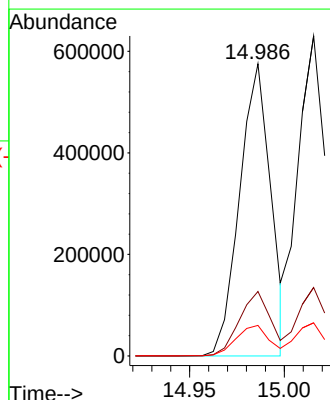
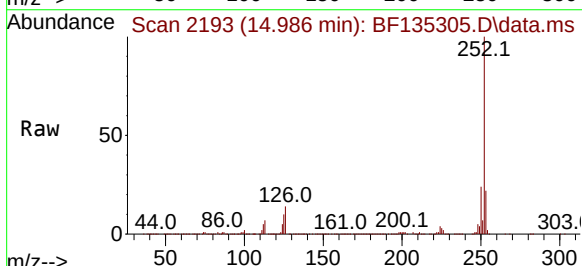
Tgt Ion:252 Resp: 658157

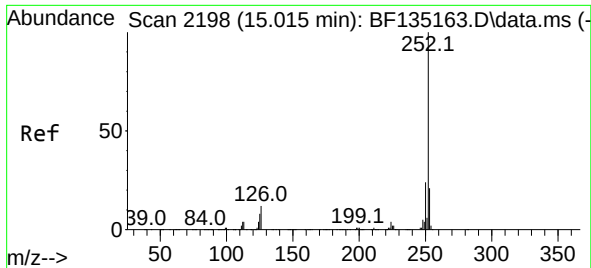
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 10.5 7.1 10.7

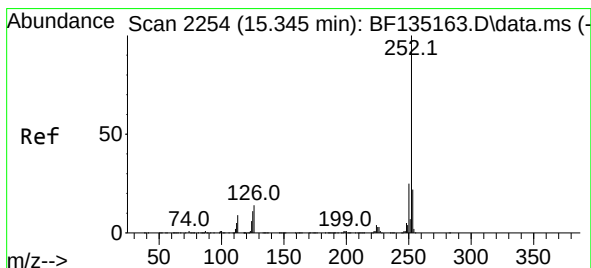
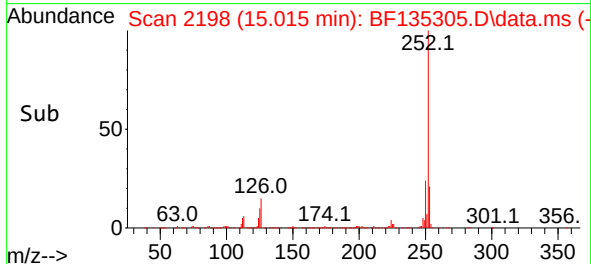
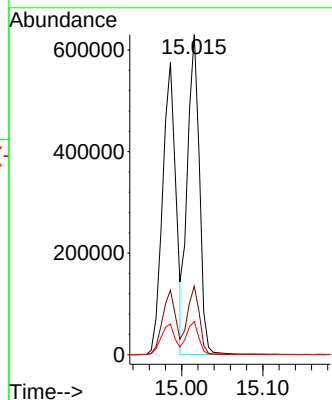
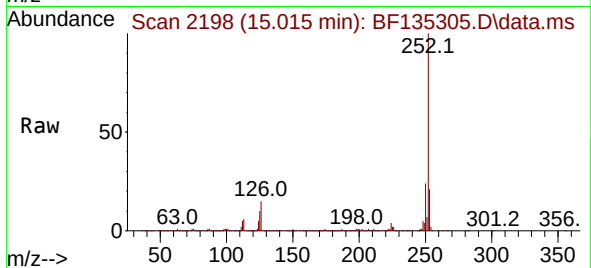




#89
Benzo(k)fluoranthene
Concen: 22.419 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

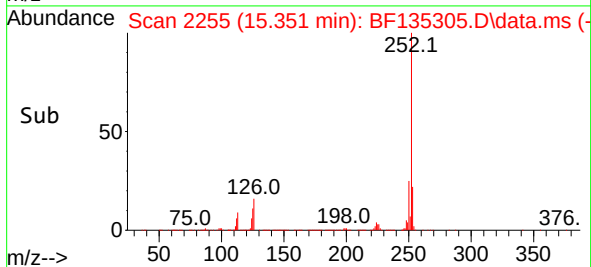
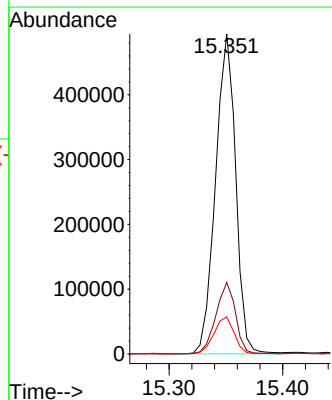
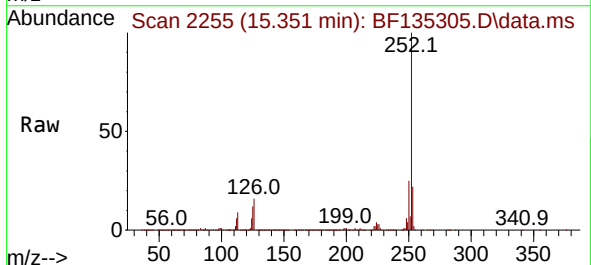
Instrument :
BNA_F
ClientSampleId :
PB155361BSD

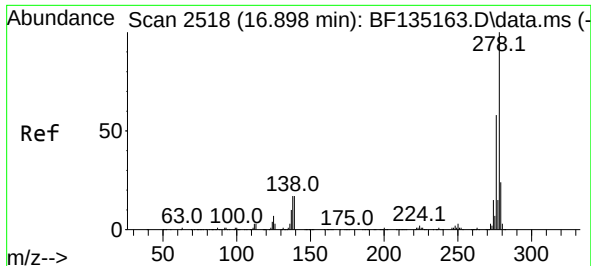
Tgt Ion:252 Resp: 648749
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 10.4 7.2 10.8



#90
Benzo(a)pyrene
Concen: 21.755 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:252 Resp: 607747
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.6 9.2 13.8

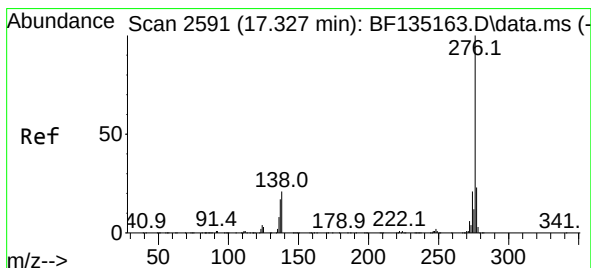
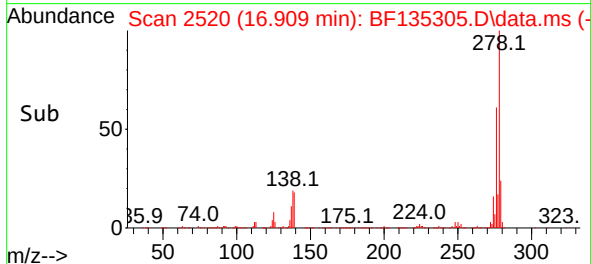
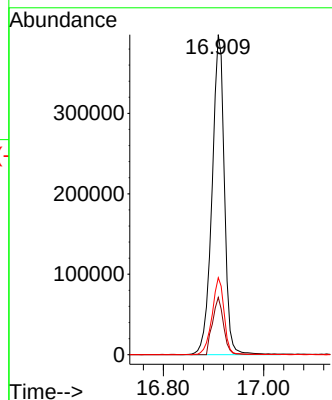
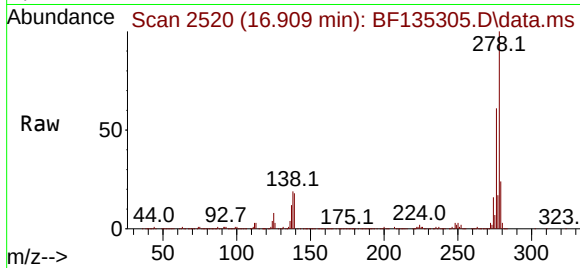




#91
 Dibenzo(a,h)anthracene
 Concen: 23.400 ng
 RT: 16.909 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD

Tgt Ion:278 Resp: 679309
 Ion Ratio Lower Upper
 278 100
 139 17.9 13.4 20.0
 279 24.1 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 23.215 ng
 RT: 17.345 min Scan# 2594
 Delta R.T. 0.018 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Tgt Ion:276 Resp: 703857
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.8 28.2
 138 23.6 16.9 25.3

