

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134288.D
 Acq On : 14 Jul 2023 13:37
 Operator : CG\JU
 Sample : PB154028BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154028BS

Quant Time: Jul 15 00:24:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	149093	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	565129	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	289879	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	580139	20.000	ng	0.00
76) Chrysene-d12	14.045	240	458067	20.000	ng	0.00
86) Perylene-d12	15.551	264	454559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	592677	66.496	ng	0.02
7) Phenol-d6	6.487	99	706866	64.488	ng	0.00
23) Nitrobenzene-d5	7.410	82	489741	46.714	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	262640	72.263	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	947560	47.525	ng	0.00
79) Terphenyl-d14	12.974	244	1210960	42.547	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	66084	17.982	ng	99
3) Pyridine	3.463	79	160361	16.752	ng	94
4) n-Nitrosodimethylamine	3.416	42	113358	20.734	ng	99
6) Aniline	6.510	93	268312	20.116	ng	95
8) 2-Chlorophenol	6.628	128	209403	23.144	ng	97
9) Benzaldehyde	6.398	77	132141	18.935	ng	97
10) Phenol	6.498	94	260518	22.605	ng	88
11) bis(2-Chloroethyl)ether	6.581	93	188946	22.269	ng	98
12) 1,3-Dichlorobenzene	6.781	146	228819	23.722	ng	98
13) 1,4-Dichlorobenzene	6.863	146	235713	24.193	ng	98
14) 1,2-Dichlorobenzene	7.010	146	222642	24.400	ng	99
15) Benzyl Alcohol	6.992	79	195432	23.128	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	306862	20.443	ng	89
17) 2-Methylphenol	7.098	107	173381	21.400	ng	95
18) Hexachloroethane	7.351	117	89718	24.835	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	155911	22.429	ng	98
20) 3+4-Methylphenols	7.257	107	218342	22.214	ng	96
22) Acetophenone	7.251	105	305128	23.741	ng	98
24) Nitrobenzene	7.428	77	235943	22.271	ng	94
25) Isophorone	7.663	82	416896	21.880	ng	97
26) 2-Nitrophenol	7.745	139	117137	23.049	ng	97
27) 2,4-Dimethylphenol	7.781	122	185796	23.096	ng	94
28) bis(2-Chloroethoxy)met...	7.875	93	241491	21.889	ng	100
29) 2,4-Dichlorophenol	7.986	162	179607	22.515	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	193987	23.567	ng	97
31) Naphthalene	8.145	128	604601	22.149	ng	99
32) Benzoic acid	7.910	122	130484	21.646	ng	94
33) 4-Chloroaniline	8.198	127	138875	11.893	ng	99
34) Hexachlorobutadiene	8.257	225	126207	24.307	ng	99
35) Caprolactam	8.575	113	38151	14.525	ng	93
36) 4-Chloro-3-methylphenol	8.686	107	206627	23.057	ng	99
37) 2-Methylnaphthalene	8.839	142	408245	21.149	ng	100
38) 1-Methylnaphthalene	8.939	142	381280	21.247	ng	97
40) 1,2,4,5-Tetrachloroben...	9.004	216	199510	23.231	ng	98
41) Hexachlorocyclopentadiene	8.986	237	210290	51.613	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	130883	22.387	ng	98

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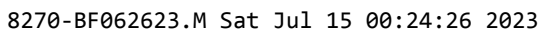
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	144479	21.009	ng	97
46) 1,1'-Biphenyl	9.304	154	523038	22.493	ng	98
47) 2-Chloronaphthalene	9.328	162	389085	22.869	ng	96
48) 2-Nitroaniline	9.428	65	138712	22.371	ng	95
49) Acenaphthylene	9.745	152	631180	21.718	ng	99
50) Dimethylphthalate	9.610	163	466243	22.157	ng	99
51) 2,6-Dinitrotoluene	9.675	165	102699	22.660	ng	95
52) Acenaphthene	9.916	154	376331	22.316	ng	99
53) 3-Nitroaniline	9.845	138	88639	16.303	ng	97
54) 2,4-Dinitrophenol	9.957	184	118836	47.074	ng	90
55) Dibenzofuran	10.092	168	573757	21.770	ng	98
56) 4-Nitrophenol	10.016	139	158717	41.733	ng	89
57) 2,4-Dinitrotoluene	10.080	165	137417	22.959	ng	87
58) Fluorene	10.433	166	469380	22.891	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	122445	22.573	ng	98
60) Diethylphthalate	10.310	149	495160	22.586	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	224837	22.753	ng	99
62) 4-Nitroaniline	10.469	138	114194	20.840	ng	94
63) Azobenzene	10.586	77	457010	22.038	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	77452	24.488	ng	96
66) n-Nitrosodiphenylamine	10.551	169	411728	22.213	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	140070	22.716	ng	# 91
68) Hexachlorobenzene	10.986	284	163697	25.003	ng	96
69) Atrazine	11.080	200	136294	26.583	ng	97
70) Pentachlorophenol	11.186	266	156433	39.962	ng	99
71) Phenanthrene	11.404	178	662210	22.674	ng	99
72) Anthracene	11.457	178	688362	22.661	ng	100
73) Carbazole	11.616	167	647563	23.290	ng	99
74) Di-n-butylphthalate	11.939	149	789651	23.882	ng	98
75) Fluoranthene	12.598	202	752646	23.838	ng	98
77) Benzidine	12.727	184	445080	40.835	ng	99
78) Pyrene	12.833	202	776494	18.215	ng	99
80) Butylbenzylphthalate	13.451	149	342693	21.434	ng	99
81) Benzo(a)anthracene	14.033	228	704034	22.162	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	208404	20.706	ng	98
83) Chrysene	14.068	228	654805	21.281	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	465427	25.335	ng	99
85) Di-n-octyl phthalate	14.633	149	780797	28.925	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	658867	20.889	ng	96
88) Benzo(b)fluoranthene	15.133	252	638416	23.885	ng	99
89) Benzo(k)fluoranthene	15.133	252	638416	23.459	ng	98
90) Benzo(a)pyrene	15.486	252	552027	21.358	ng	# 97
91) Dibenzo(a,h)anthracene	17.115	278	548386	21.286	ng	# 96
92) Benzo(g,h,i)perylene	17.568	276	531173	19.993	ng	97

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

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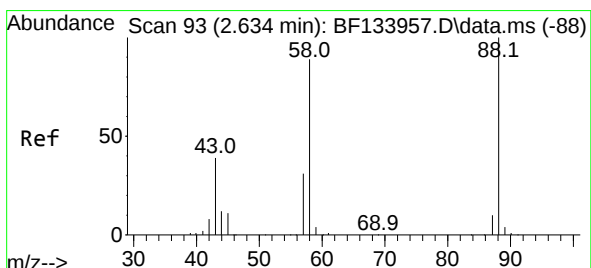
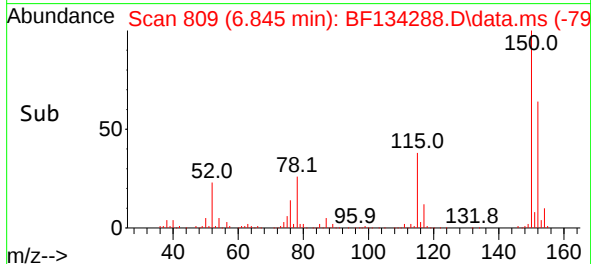
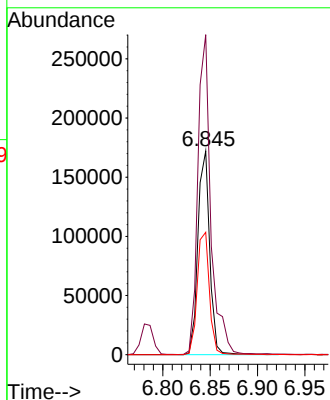
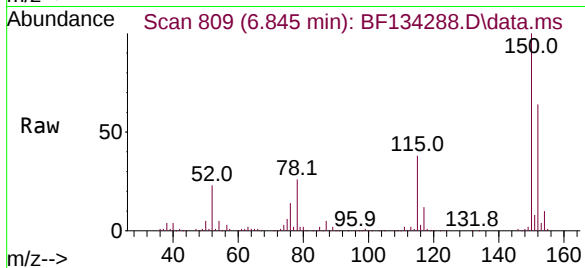




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134288.D
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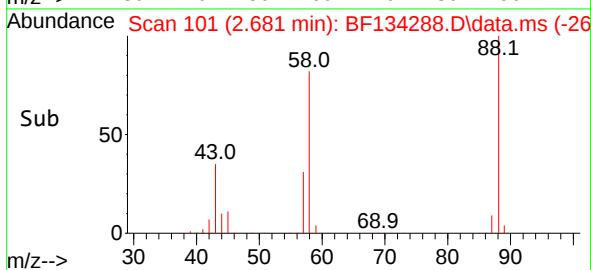
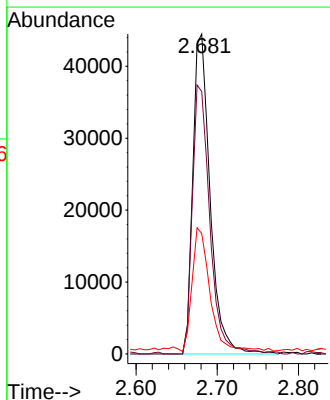
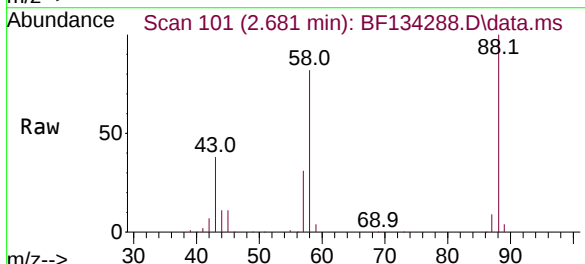
Instrument :
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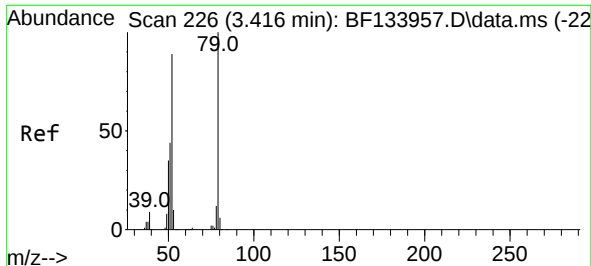
Tgt Ion:152 Resp: 149093
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.5 186.7
 115 60.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 17.982 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.088 min
 Lab File: BF134288.D
 Acq: 14 Jul 2023 13:37

Tgt Ion: 88 Resp: 66084
 Ion Ratio Lower Upper
 88 100
 58 85.2 68.8 103.2
 43 38.8 30.7 46.1





#3

Pyridine

Concen: 16.752 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

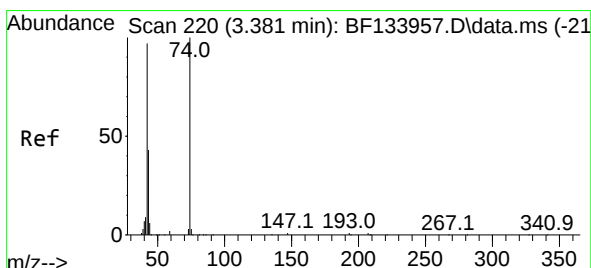
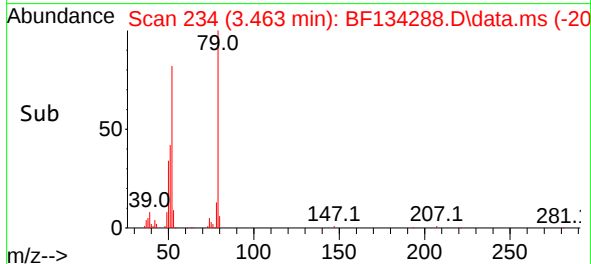
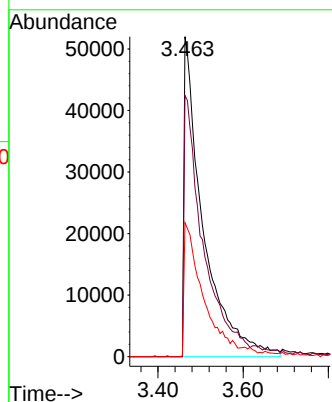
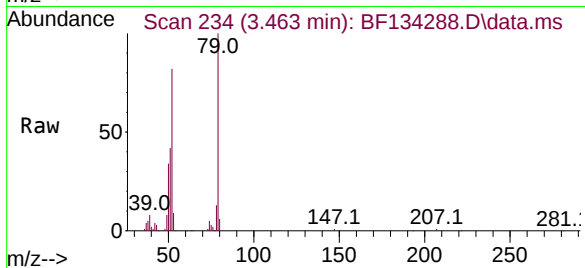
Tgt Ion: 79 Resp: 160361

Ion Ratio Lower Upper

79 100

52 81.6 71.1 106.7

51 41.9 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 20.734 ng

RT: 3.416 min Scan# 226

Delta R.T. 0.077 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

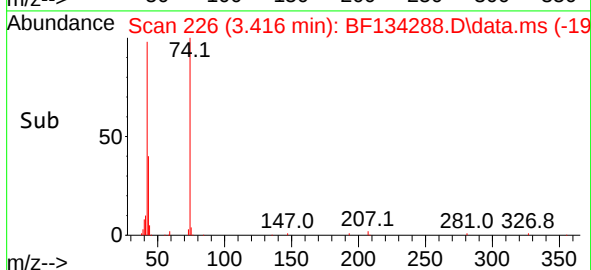
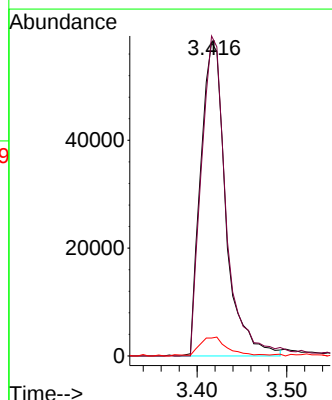
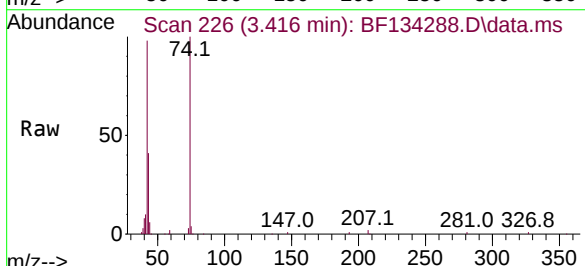
Tgt Ion: 42 Resp: 113358

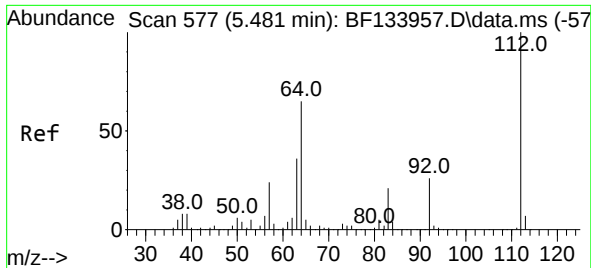
Ion Ratio Lower Upper

42 100

74 102.1 82.4 123.6

44 5.7 4.9 7.3

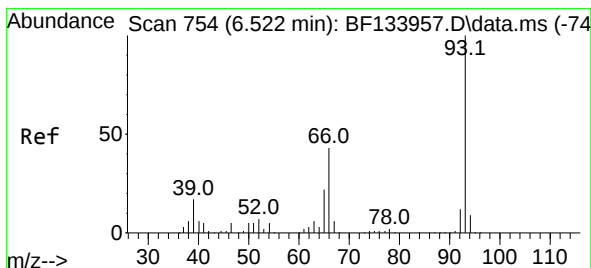
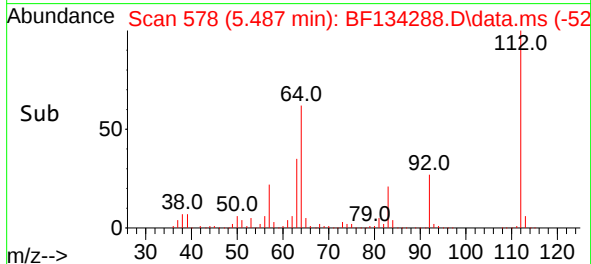
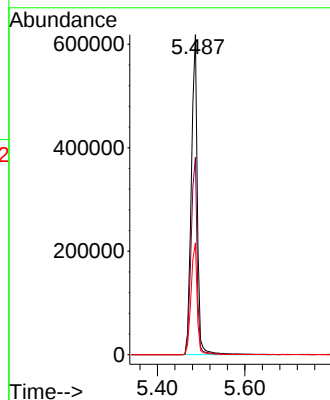
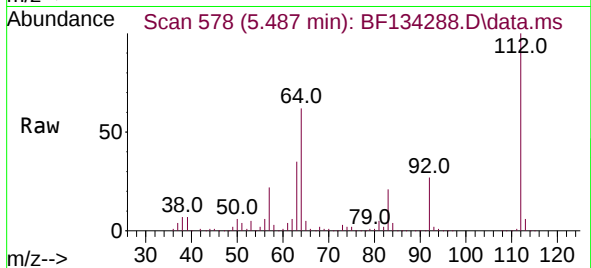




#5
2-Fluorophenol
Concen: 66.496 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

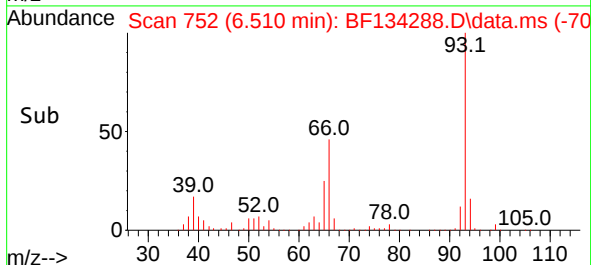
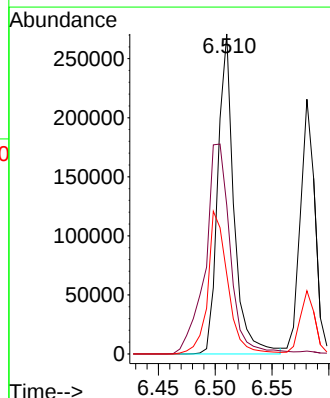
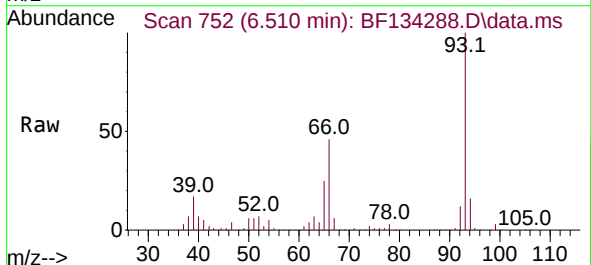
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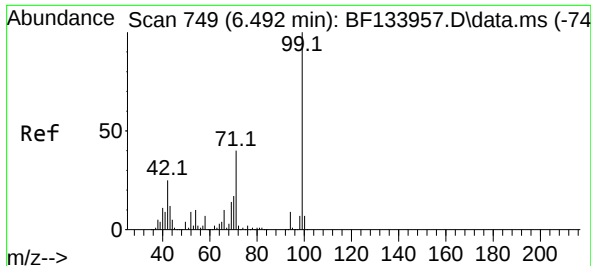
Tgt Ion:112 Resp: 592677
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 34.9 28.6 42.8



#6
Aniline
Concen: 20.116 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

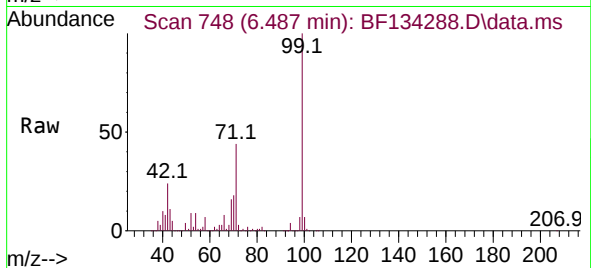
Tgt Ion: 93 Resp: 268312
Ion Ratio Lower Upper
93 100
66 46.5 34.5 51.7
65 24.9 17.8 26.6



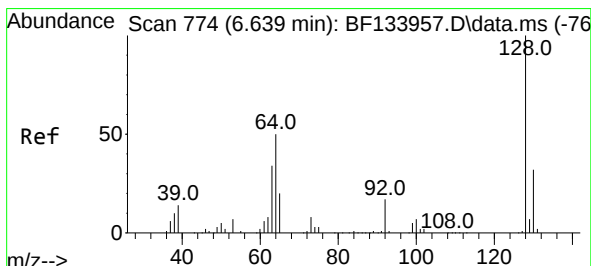
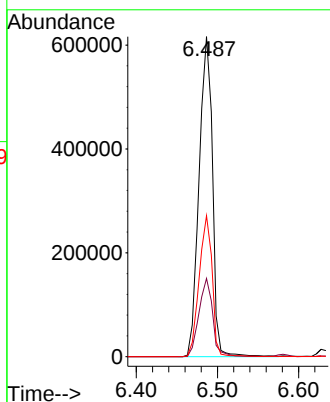
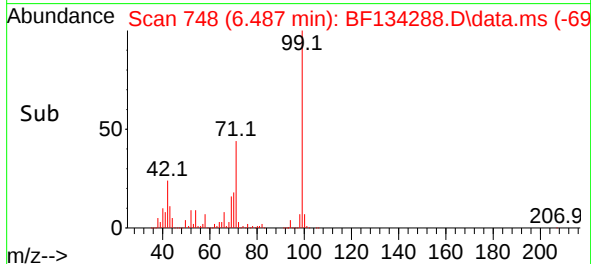


#7
Phenol-d6
Concen: 64.488 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Instrument :
BNA_F
ClientSampleId :
PB154028BS

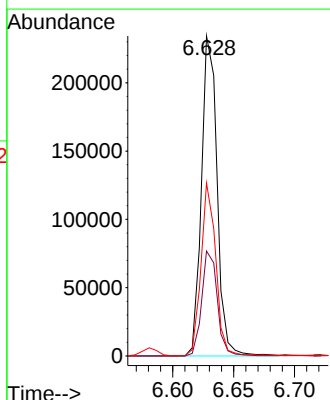
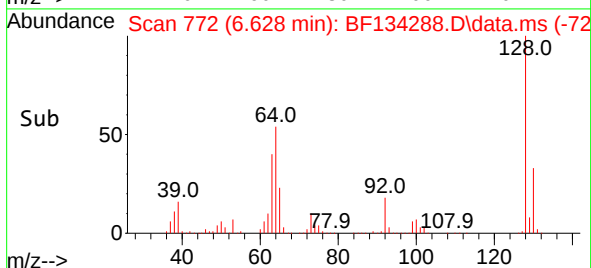
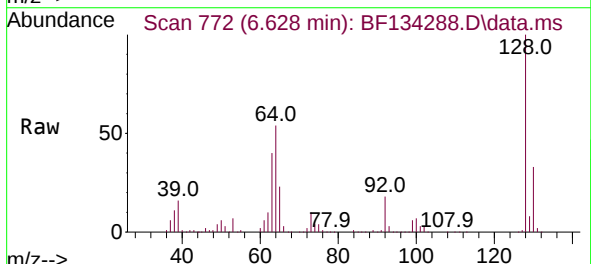


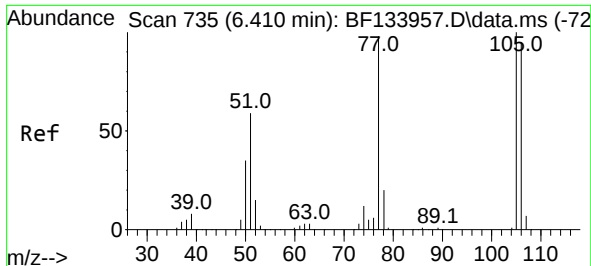
Tgt Ion: 99 Resp: 706866
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 44.1 31.9 47.9



#8
2-Chlorophenol
Concen: 23.144 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:128 Resp: 209403
Ion Ratio Lower Upper
128 100
130 32.8 11.7 51.7
64 54.1 31.3 71.3





#9

Benzaldehyde

Concen: 18.935 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

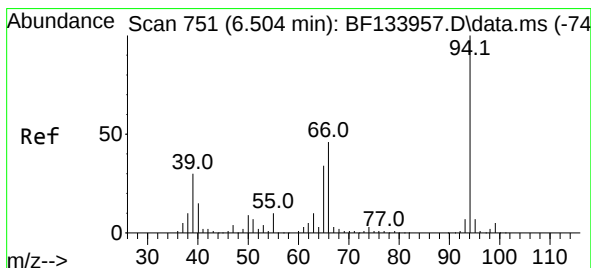
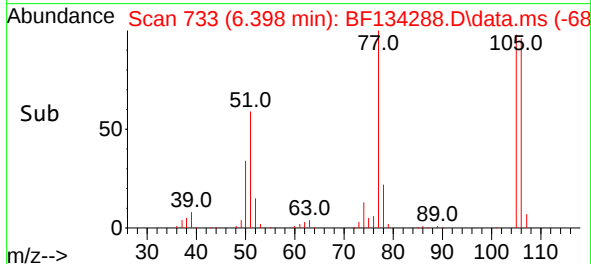
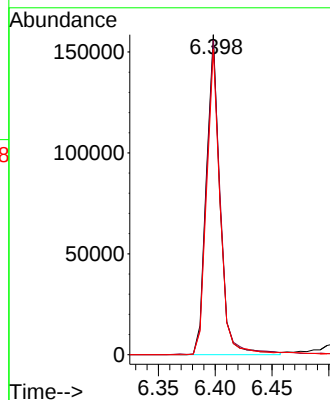
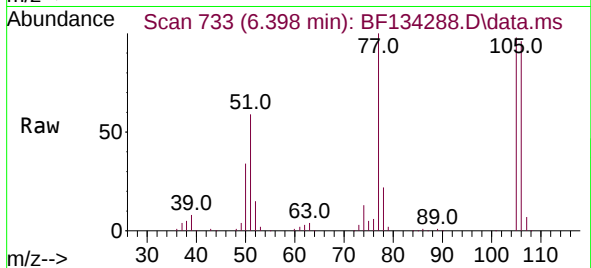
Tgt Ion: 77 Resp: 132141

Ion Ratio Lower Upper

77 100

105 98.3 82.0 122.0

106 95.5 76.9 116.9



#10

Phenol

Concen: 22.605 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

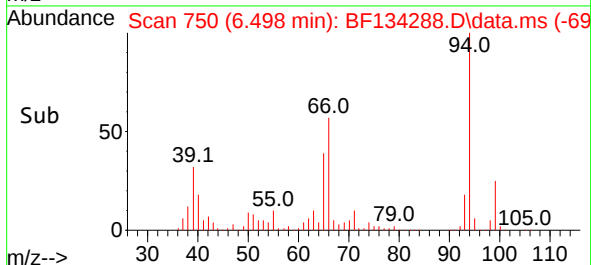
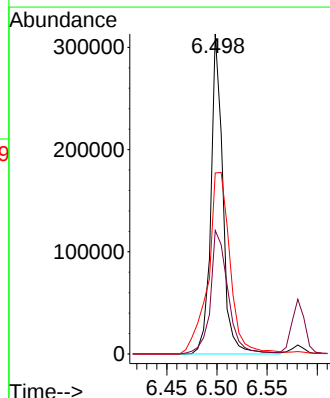
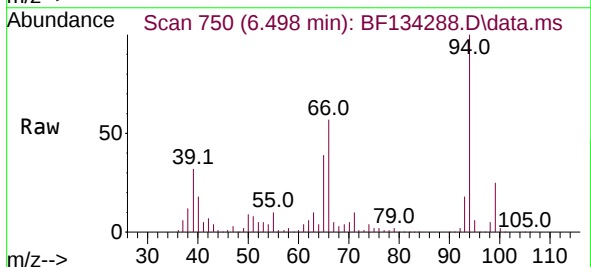
Tgt Ion: 94 Resp: 260518

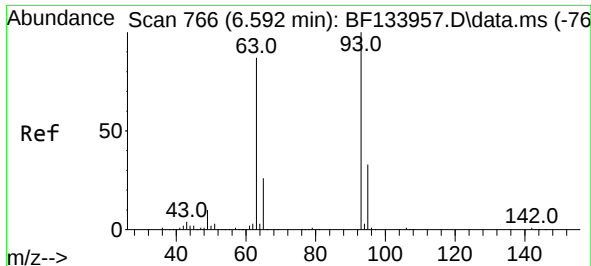
Ion Ratio Lower Upper

94 100

65 38.6 14.2 54.2

66 56.5 26.4 66.4

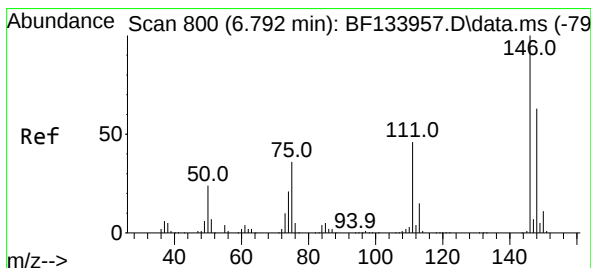
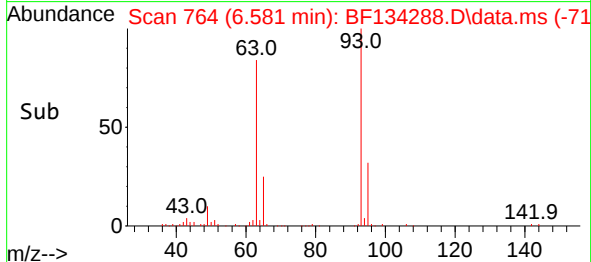
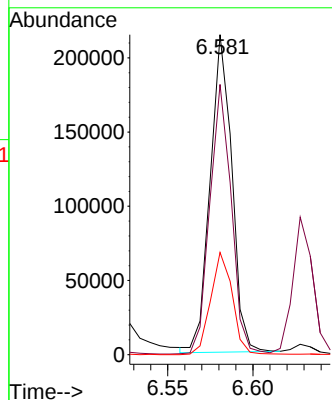
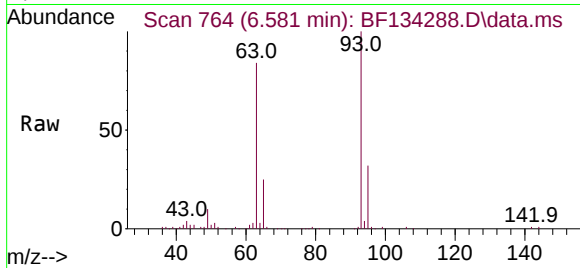




#11
bis(2-Chloroethyl)ether
Concen: 22.269 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

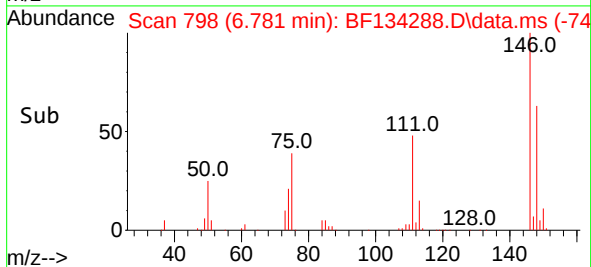
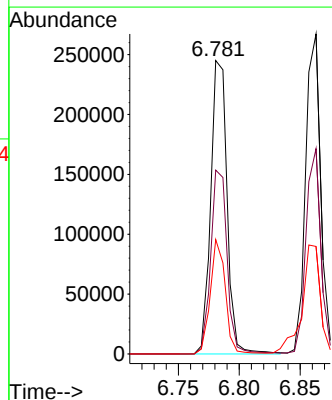
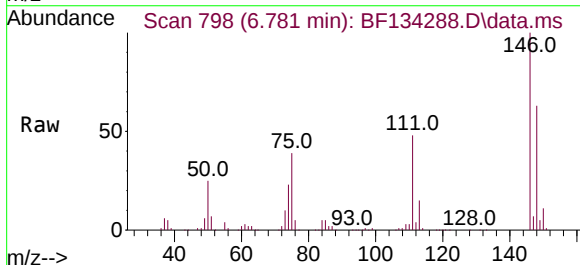
Instrument :
BNA_F
ClientSampleId :
PB154028BS

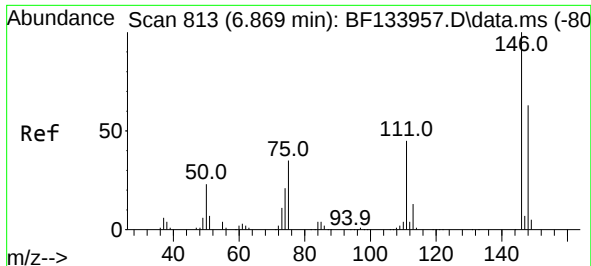
Tgt Ion: 93 Resp: 188946
Ion Ratio Lower Upper
93 100
63 84.5 66.5 106.5
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 23.722 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:146 Resp: 228819
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
75 39.0 29.0 43.6

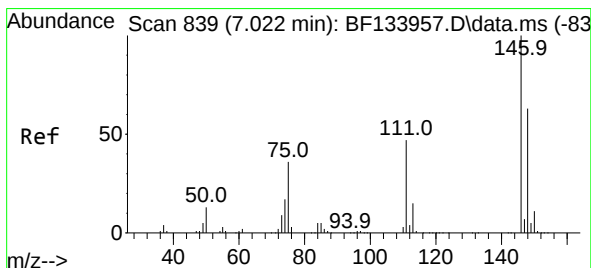
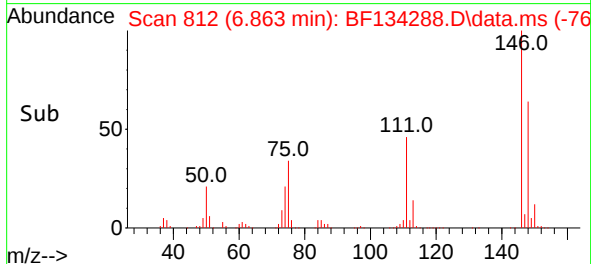
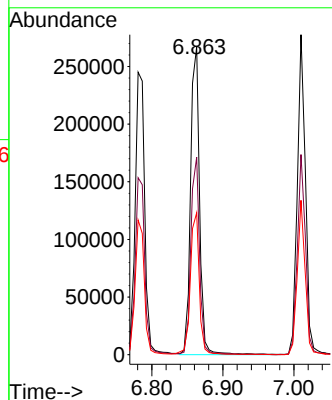
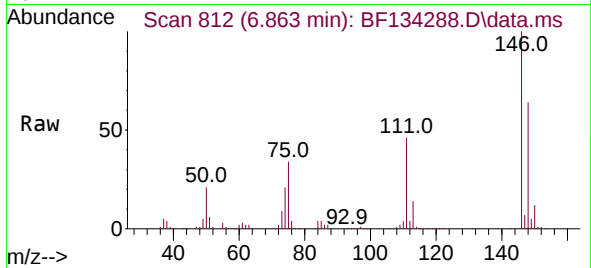




#13
1,4-Dichlorobenzene
Concen: 24.193 ng
RT: 6.863 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

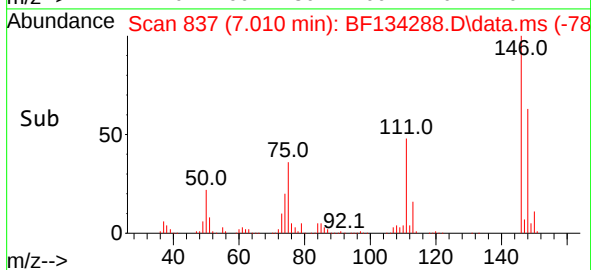
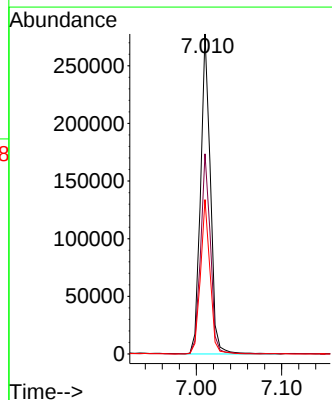
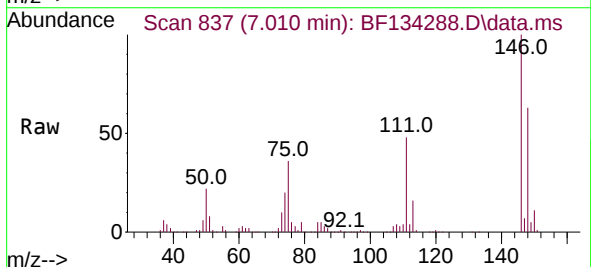
Instrument :
BNA_F
ClientSampleId :
PB154028BS

Tgt Ion:146 Resp: 235713
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 46.1 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 24.400 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:146 Resp: 222642
Ion Ratio Lower Upper
146 100
148 62.6 50.6 76.0
111 48.3 38.0 57.0

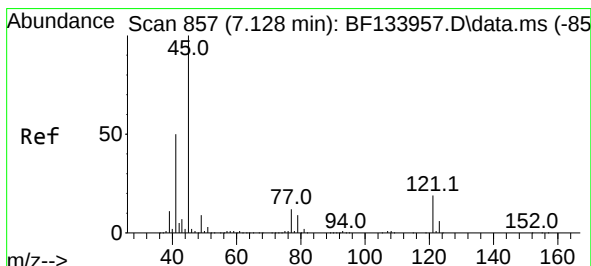
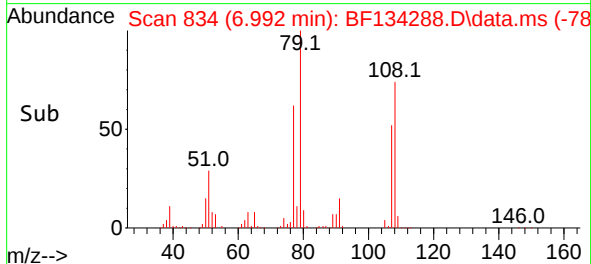
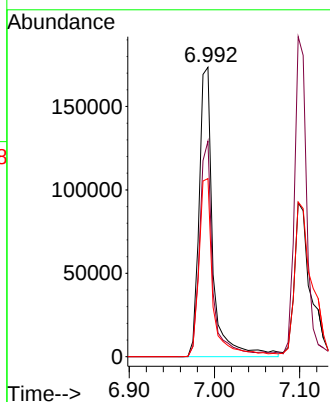
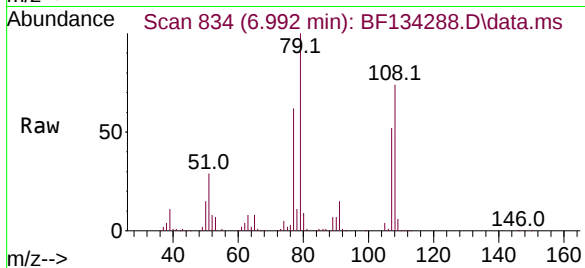




#15
Benzyl Alcohol
Concen: 23.128 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

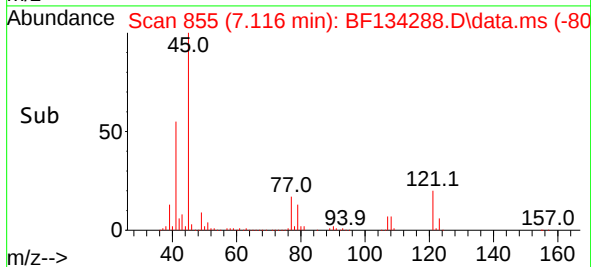
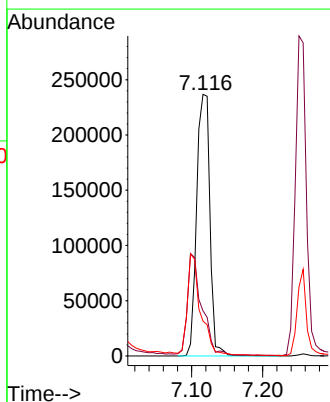
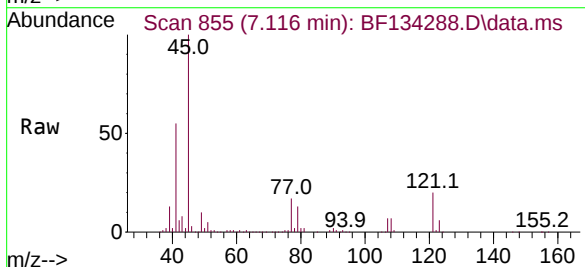
Instrument :
BNA_F
ClientSampleId :
PB154028BS

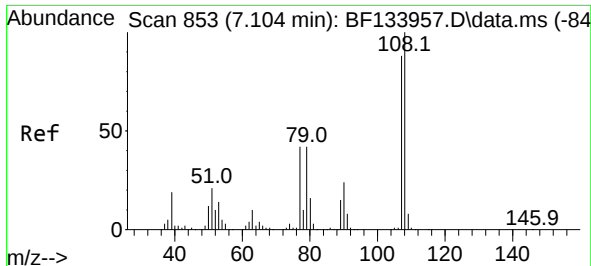
Tgt Ion: 79 Resp: 195432
Ion Ratio Lower Upper
79 100
108 74.5 60.7 91.1
77 61.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.443 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion: 45 Resp: 306862
Ion Ratio Lower Upper
45 100
77 17.3 0.0 32.9
79 13.3 0.0 29.5

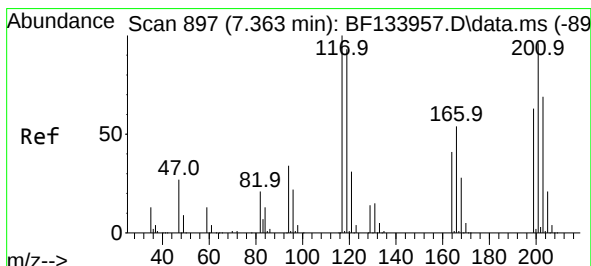
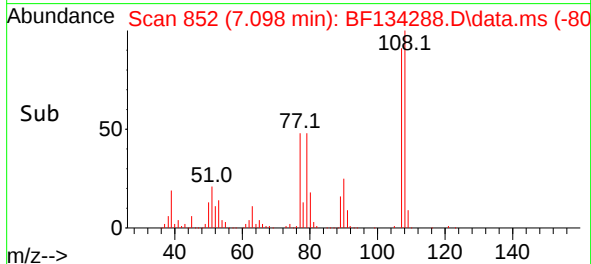
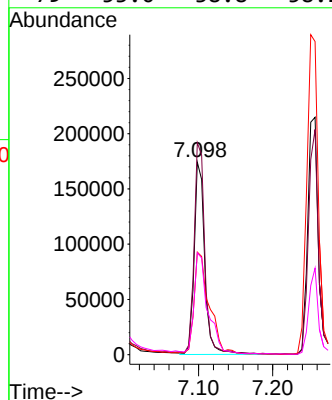
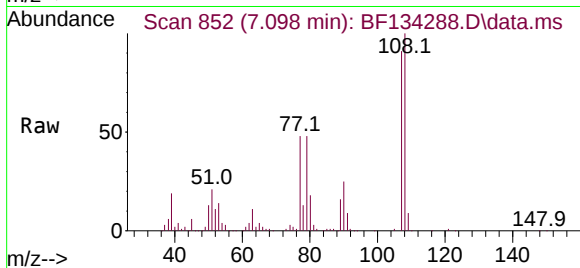




#17
2-Methylphenol
Concen: 21.400 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

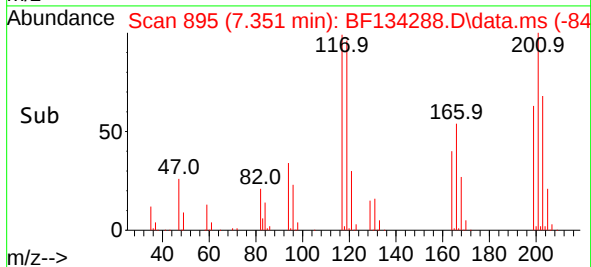
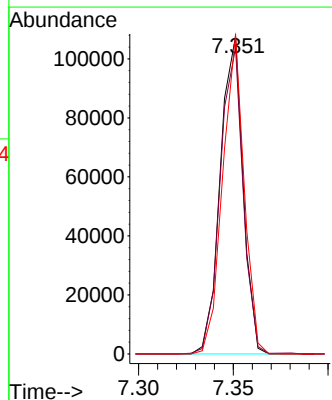
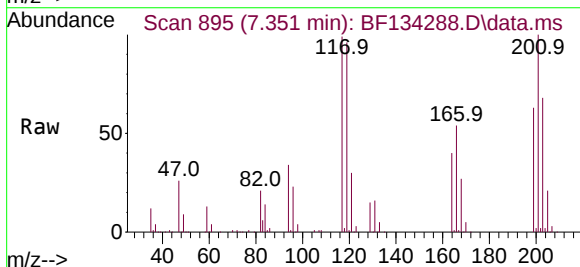
Instrument :
BNA_F
ClientSampleId :
PB154028BS

Tgt Ion:107 Resp: 173381
Ion Ratio Lower Upper
107 100
108 110.2 90.6 136.0
77 53.3 38.3 57.5
79 53.0 38.8 58.2



#18
Hexachloroethane
Concen: 24.835 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:117 Resp: 89718
Ion Ratio Lower Upper
117 100
119 96.4 74.2 111.4
201 100.8 77.2 115.8



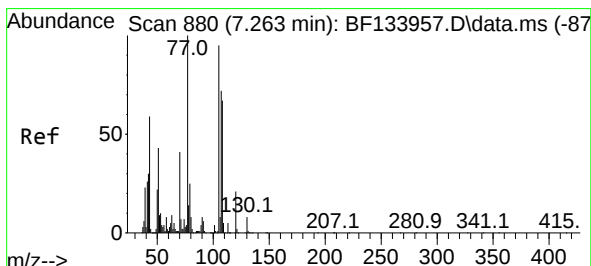
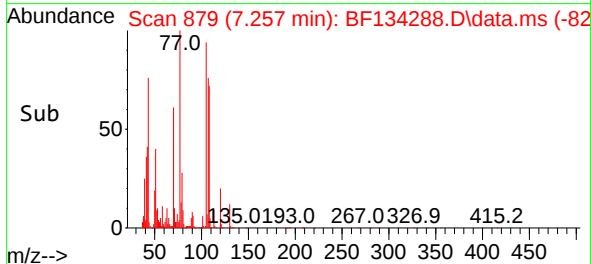
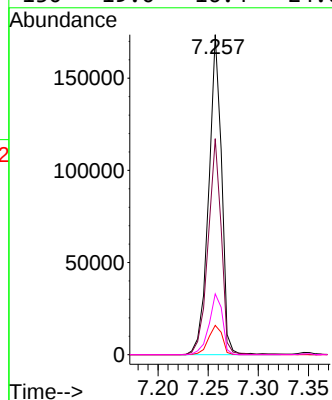
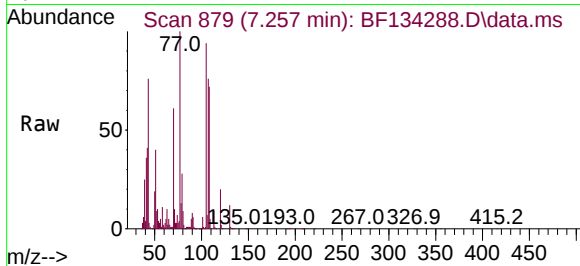


#19
n-Nitroso-di-n-propylamine
Concen: 22.429 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Instrument :
BNA_F
ClientSampleId :
PB154028BS

Tgt Ion: 70 Resp: 155911

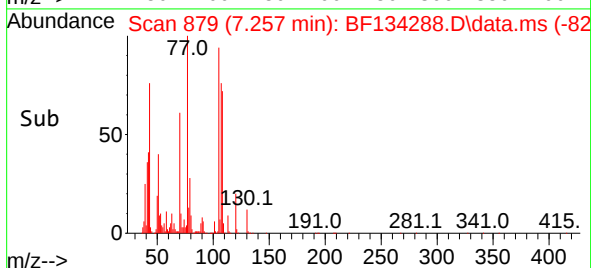
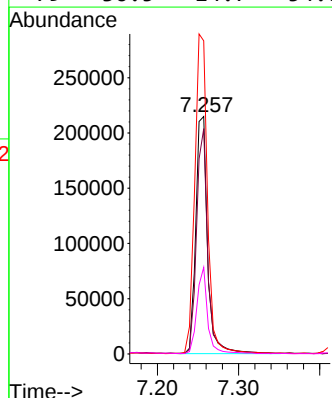
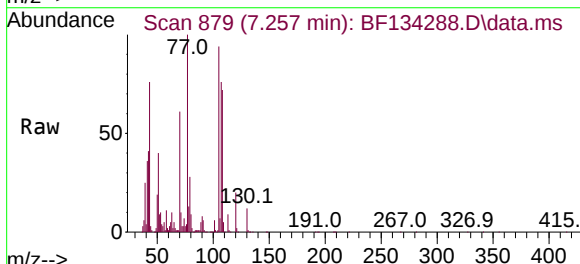
Ion	Ratio	Lower	Upper
70	100		
42	67.5	54.7	82.1
101	9.1	7.7	11.5
130	19.0	16.4	24.6

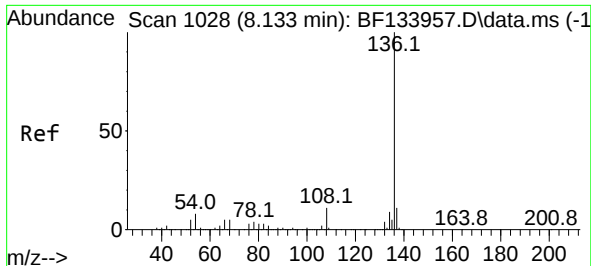


#20
3+4-Methylphenols
Concen: 22.214 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion: 107 Resp: 218342

Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.2	113.2
77	131.9	118.3	158.3
79	36.5	14.7	54.7

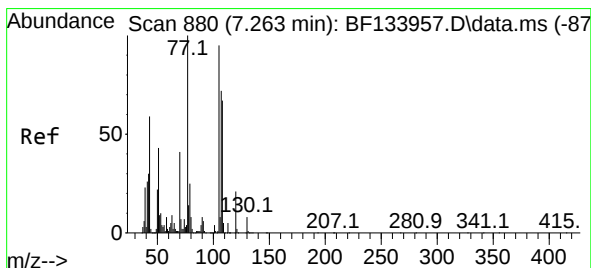
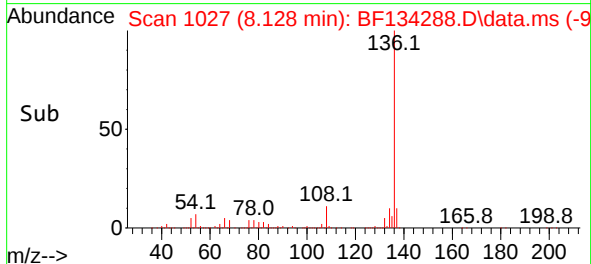
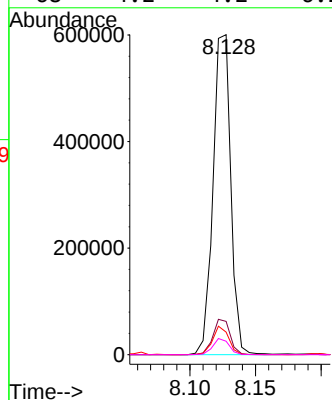
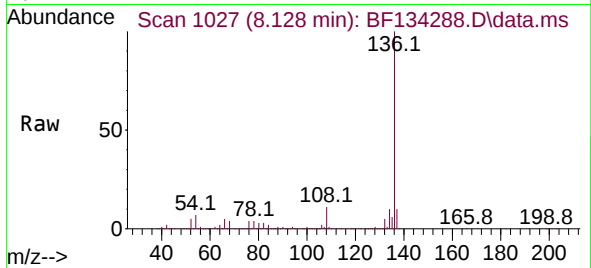




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

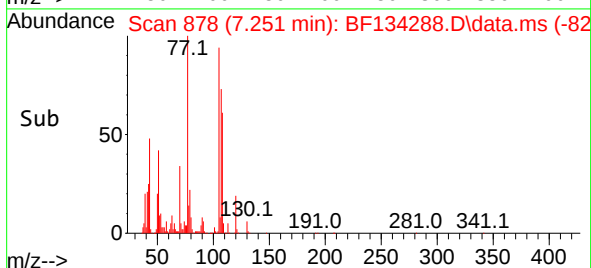
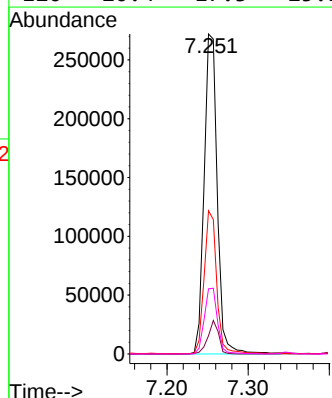
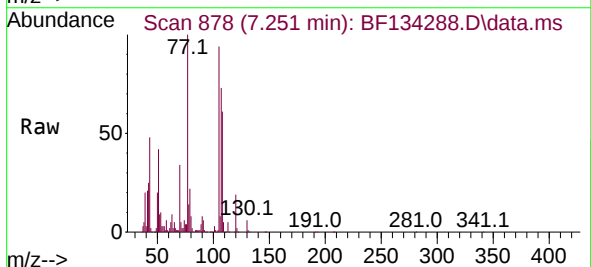
Instrument :
BNA_F
ClientSampleId :
PB154028BS

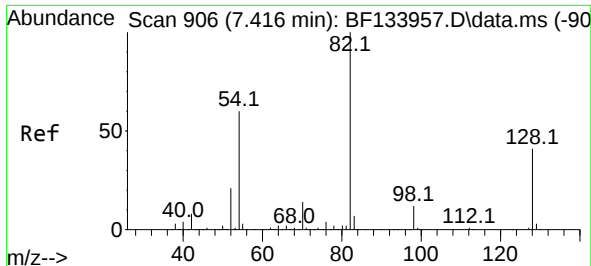
Tgt Ion	136	Resp: 565129	
	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	7.1	6.5	9.7
68	4.2	4.2	6.2



#22
Acetophenone
Concen: 23.741 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt	Ion:105	Resp:	305128
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.5	8.3
51	44.8	36.5	54.7
120	20.4	17.3	25.9





#23

Nitrobenzene-d5

Concen: 46.714 ng

RT: 7.410 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

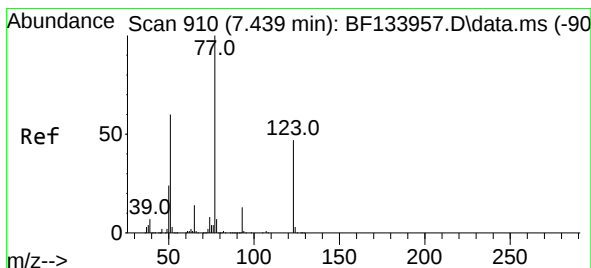
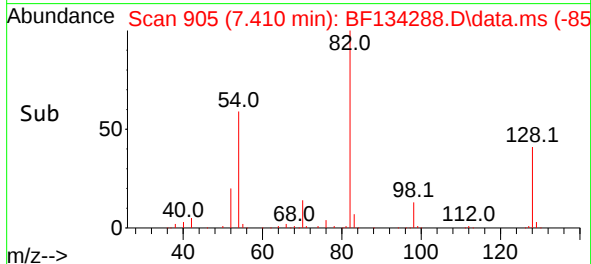
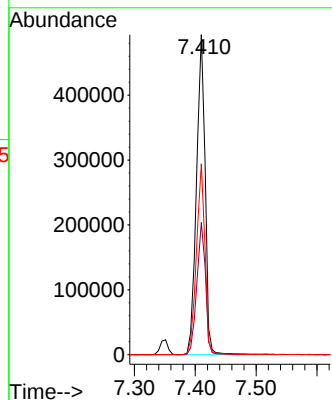
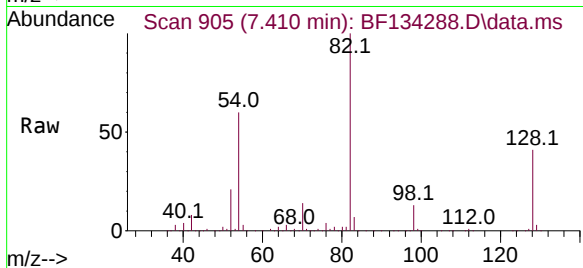
Tgt Ion: 82 Resp: 489741

Ion Ratio Lower Upper

82 100

128 41.3 32.5 48.7

54 59.7 48.2 72.2



#24

Nitrobenzene

Concen: 22.271 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

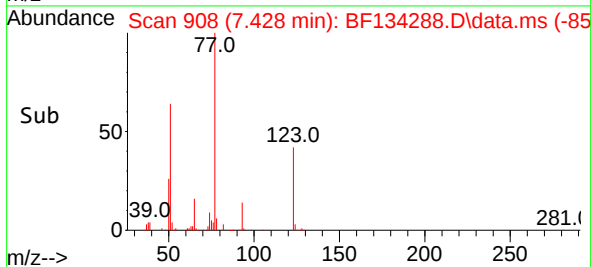
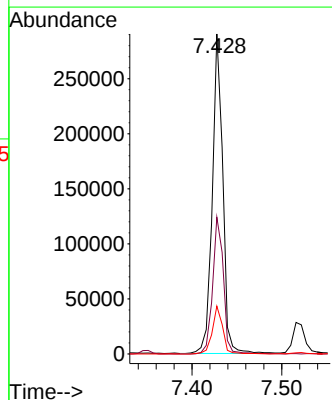
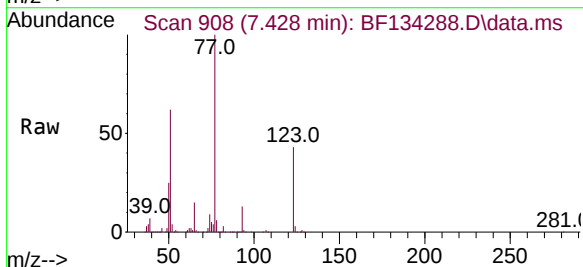
Tgt Ion: 77 Resp: 235943

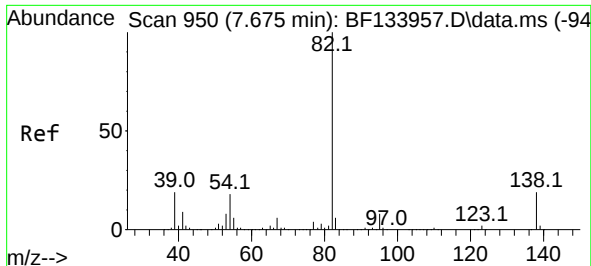
Ion Ratio Lower Upper

77 100

123 42.7 37.8 56.6

65 15.0 11.3 16.9

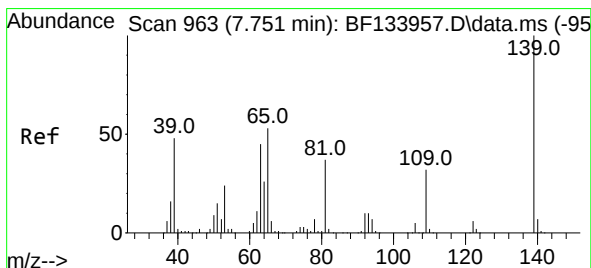
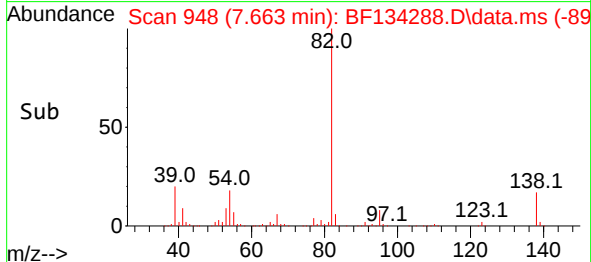
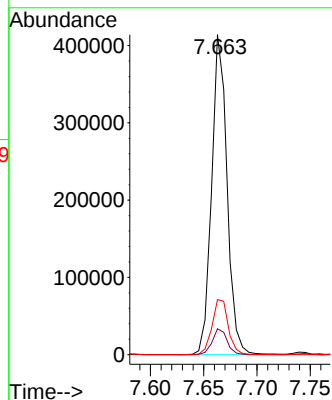
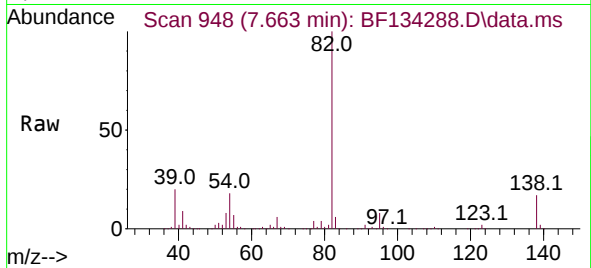




#25
Isophorone
Concen: 21.880 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

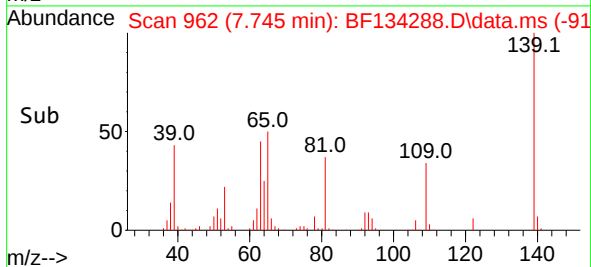
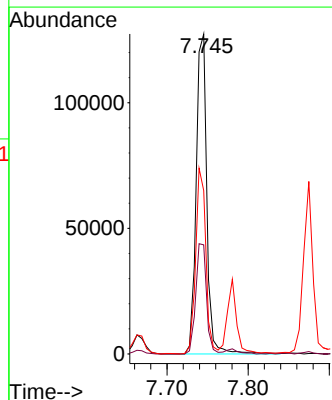
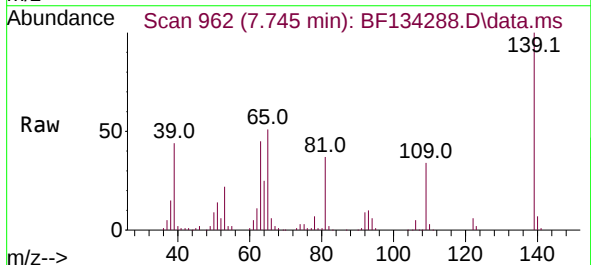
Instrument :
BNA_F
ClientSampleId :
PB154028BS

Tgt Ion: 82 Resp: 416896
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 17.2 15.2 22.8



#26
2-Nitrophenol
Concen: 23.049 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:139 Resp: 117137
Ion Ratio Lower Upper
139 100
109 34.1 25.8 38.8
65 51.0 42.4 63.6

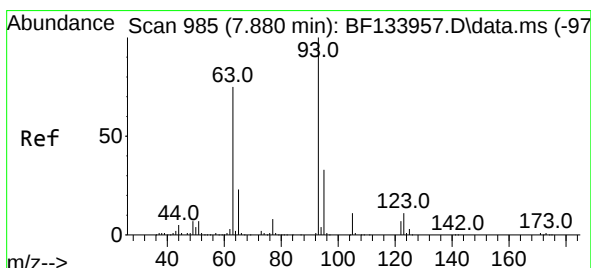
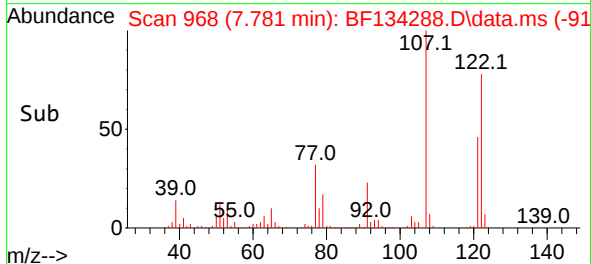
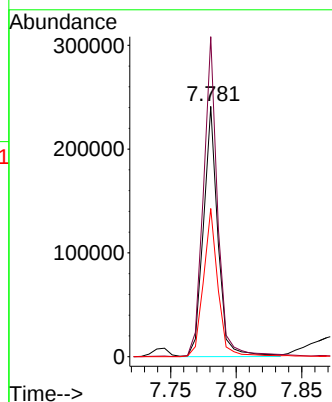
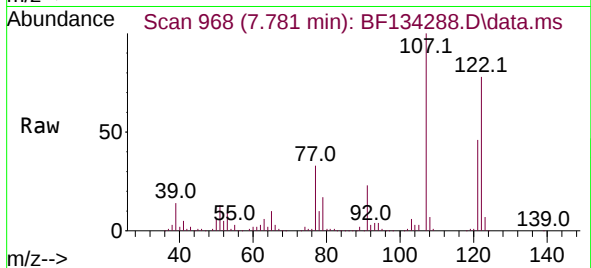




#27
2,4-Dimethylphenol
Concen: 23.096 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

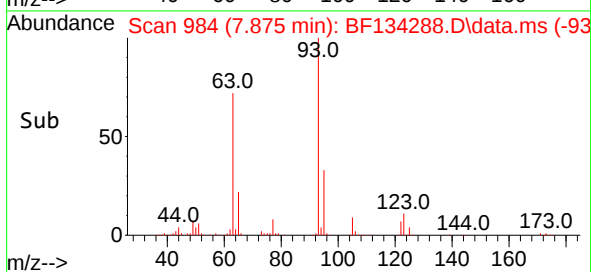
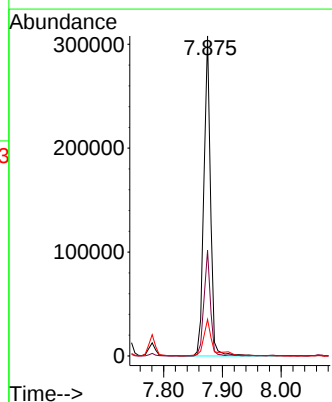
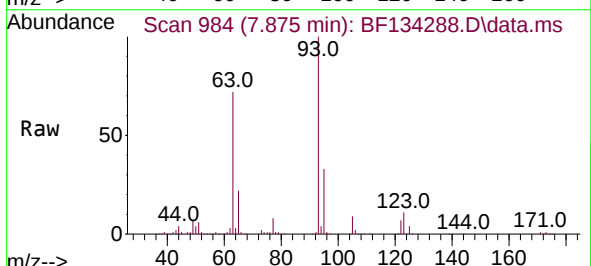
Instrument :
BNA_F
ClientSampleId :
PB154028BS

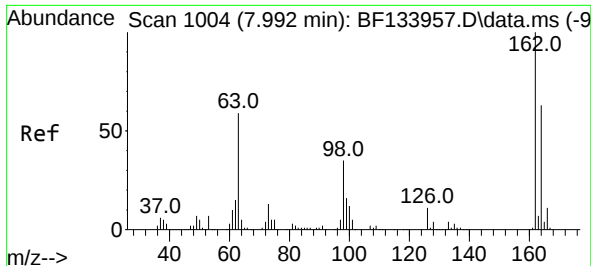
Tgt Ion:122 Resp: 185796
Ion Ratio Lower Upper
122 100
107 127.9 95.5 143.3
121 59.2 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 21.889 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion: 93 Resp: 241491
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 22.515 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

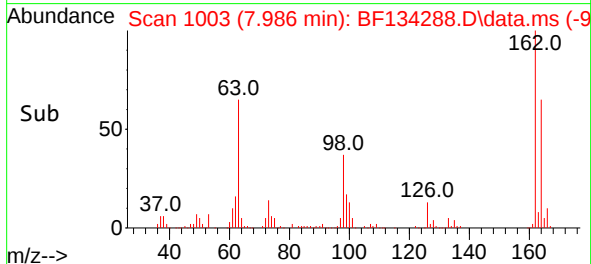
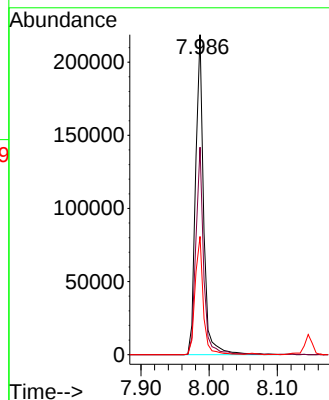
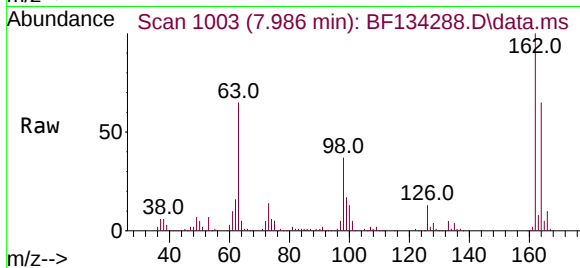
Tgt Ion:162 Resp: 179607

Ion Ratio Lower Upper

162 100

164 64.8 43.2 83.2

98 36.9 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 23.567 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

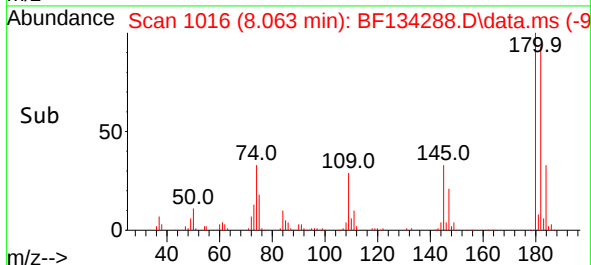
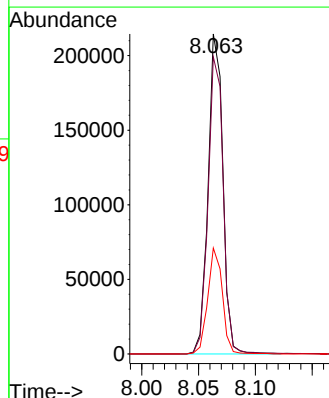
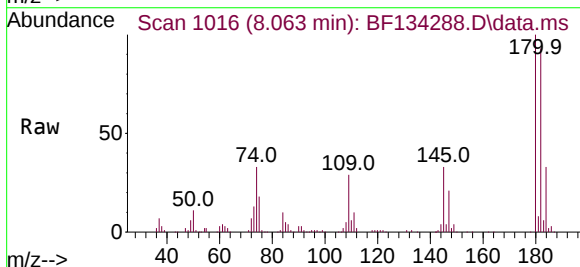
Tgt Ion:180 Resp: 193987

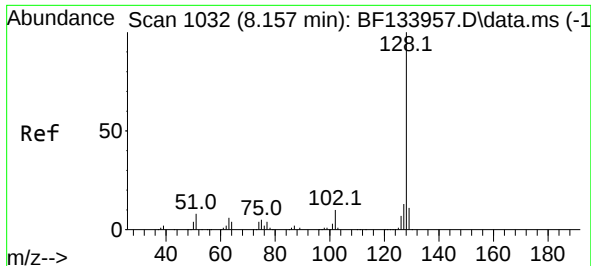
Ion Ratio Lower Upper

180 100

182 92.9 77.1 115.7

145 33.1 26.0 39.0

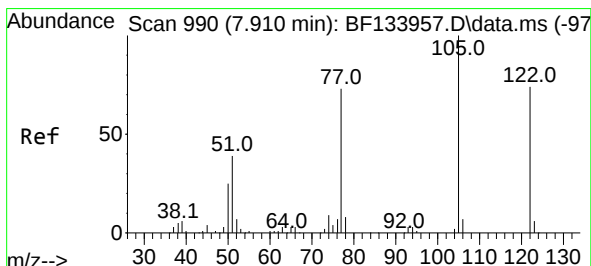
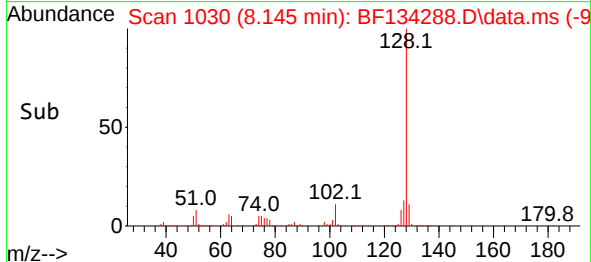
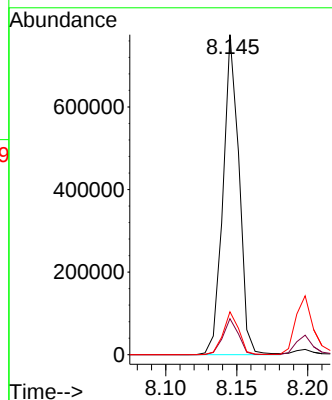
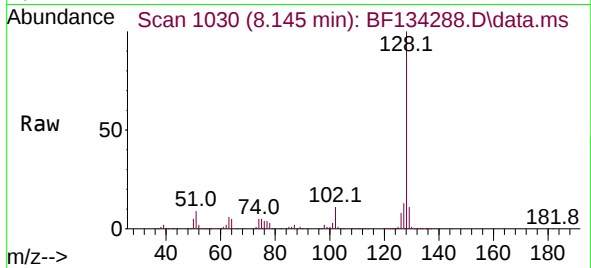




#31
Naphthalene
Concen: 22.149 ng
RT: 8.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

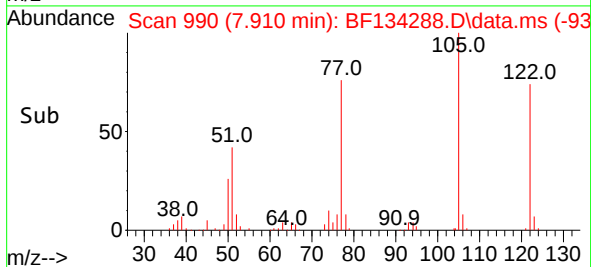
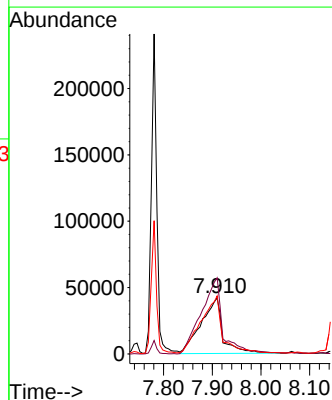
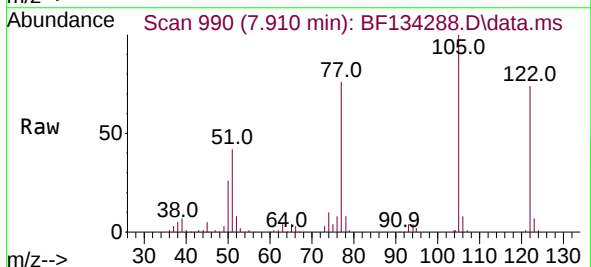
Instrument :
BNA_F
ClientSampleId :
PB154028BS

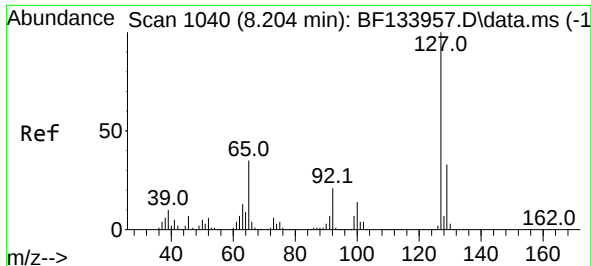
Tgt Ion:128 Resp: 604601
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 21.646 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:122 Resp: 130484
Ion Ratio Lower Upper
122 100
105 135.9 109.7 149.7
77 103.7 76.0 116.0

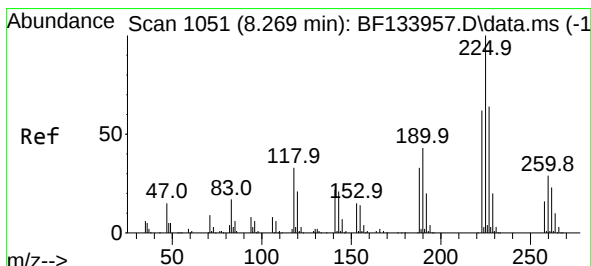
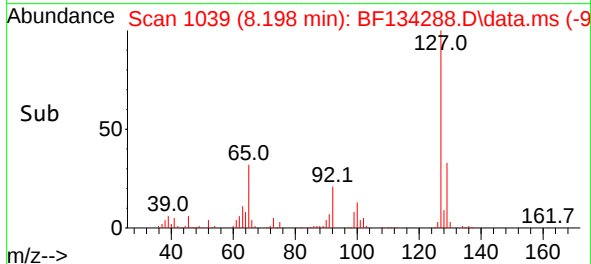
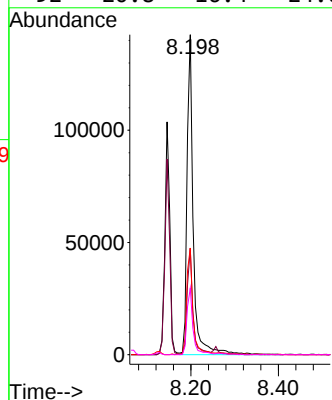
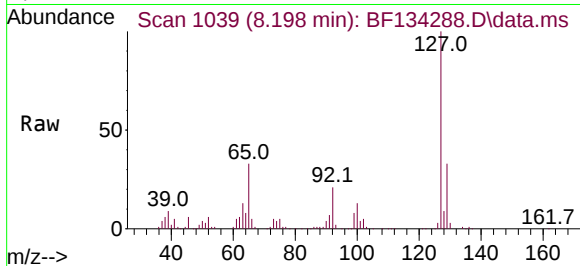




#33
4-Chloroaniline
Concen: 11.893 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

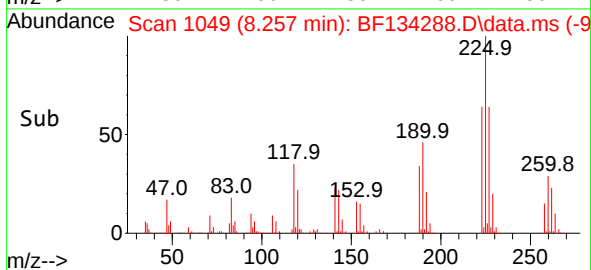
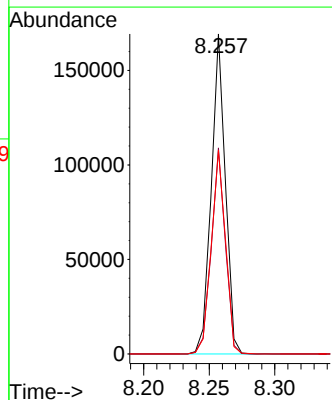
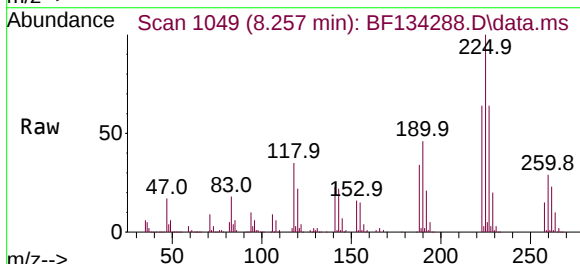
Instrument :
BNA_F
ClientSampleId :
PB154028BS

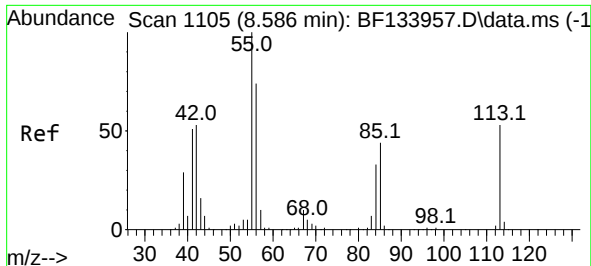
Tgt Ion:	127	Resp:	138875
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.4	39.6
65	33.4	27.8	41.8
92	20.8	16.4	24.6



#34
Hexachlorobutadiene
Concen: 24.307 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:	225	Resp:	126207
Ion Ratio	Lower	Upper	
225	100		
223	64.4	49.8	74.8
227	63.6	51.0	76.4

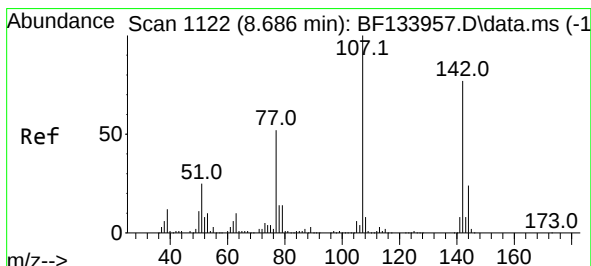
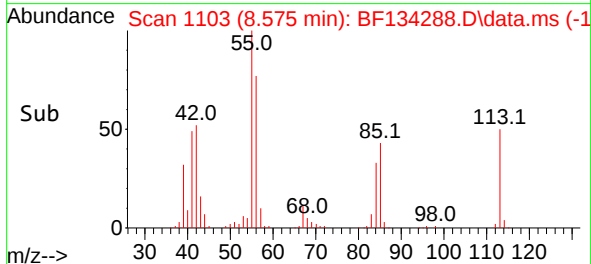
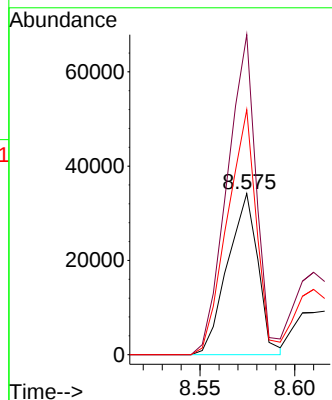
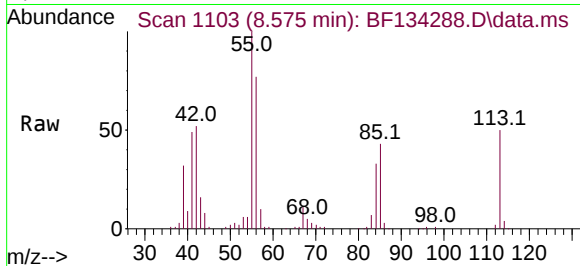




#35
 Caprolactam
 Concen: 14.525 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF134288.D
 Acq: 14 Jul 2023 13:37

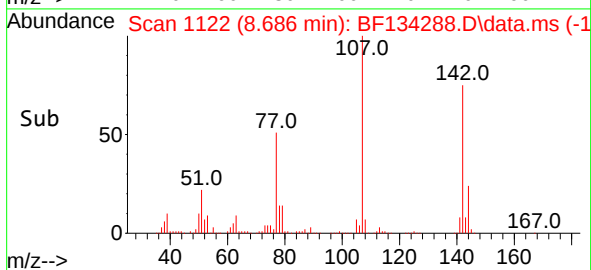
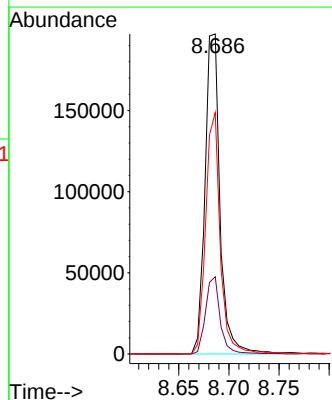
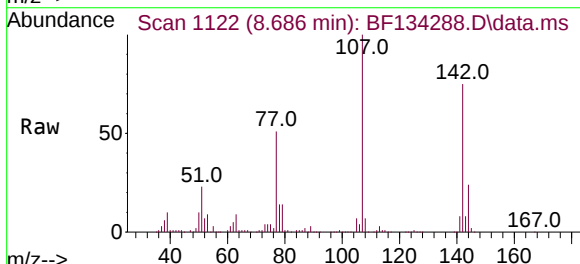
Instrument :
 BNA_F
 ClientSampleId :
 PB154028BS

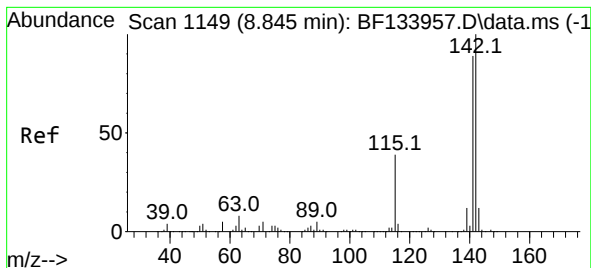
Tgt Ion:113 Resp: 38151
 Ion Ratio Lower Upper
 113 100
 55 198.6 170.2 210.2
 56 152.0 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 23.057 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134288.D
 Acq: 14 Jul 2023 13:37

Tgt Ion:107 Resp: 206627
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.6 29.4
 142 75.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 21.149 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

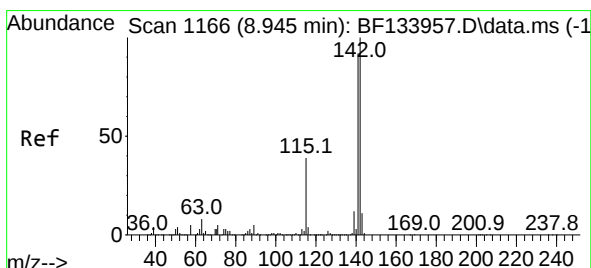
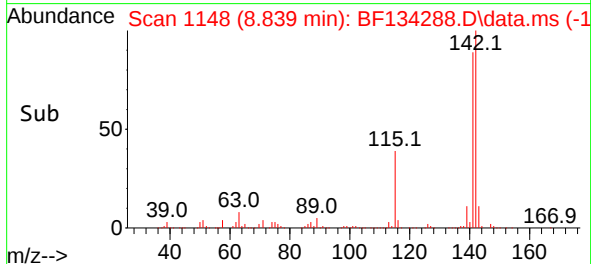
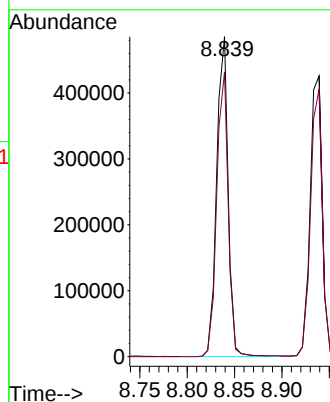
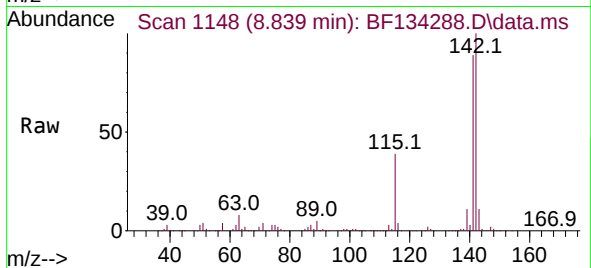
PB154028BS

Tgt Ion:142 Resp: 408245

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 21.247 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134288.D

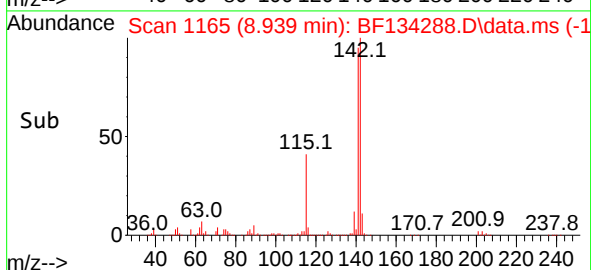
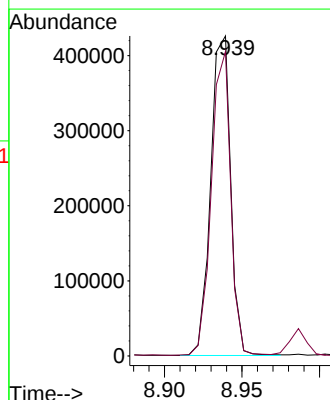
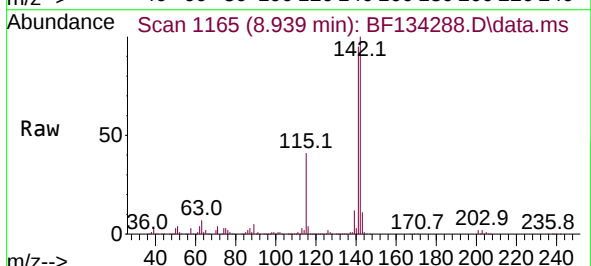
Acq: 14 Jul 2023 13:37

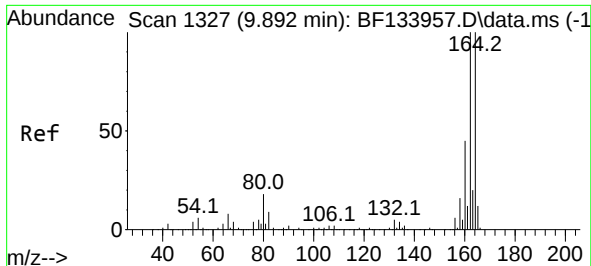
Tgt Ion:142 Resp: 381280

Ion Ratio Lower Upper

142 100

141 95.2 73.5 110.3

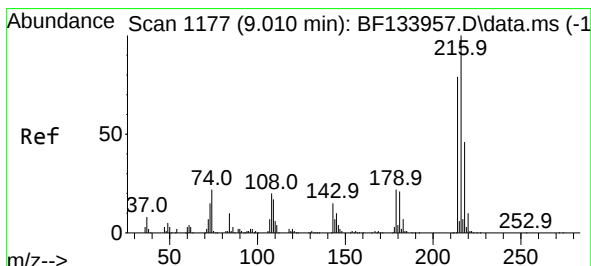
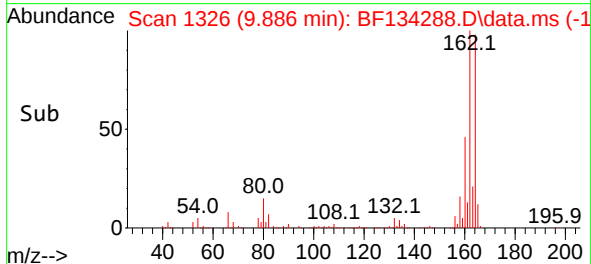
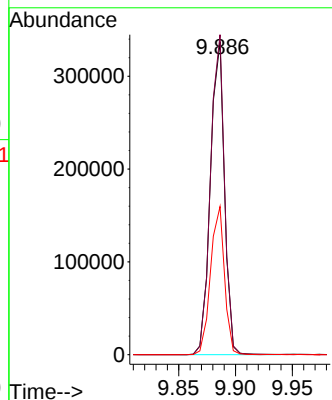
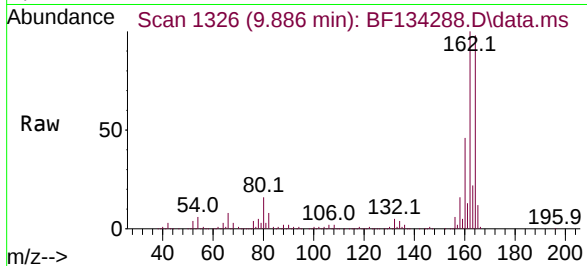




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

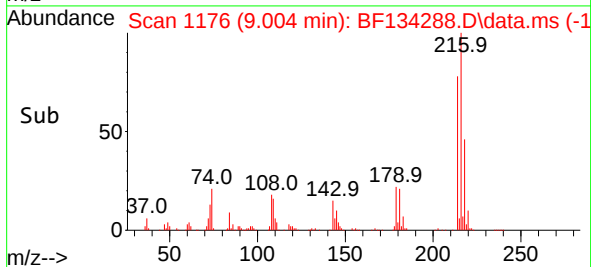
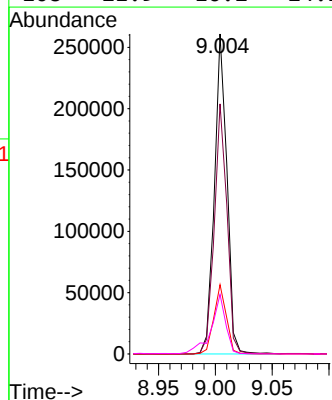
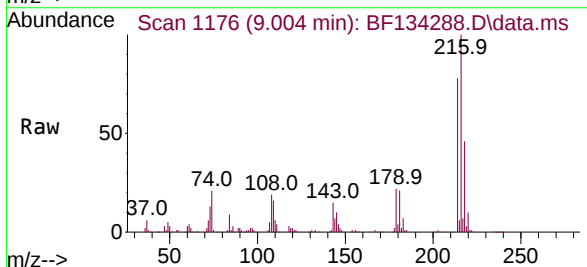
Instrument :
BNA_F
ClientSampleId :
PB154028BS

Tgt Ion:164 Resp: 289879
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 47.3 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.231 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:216 Resp: 199510
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 21.6 17.3 25.9
108 21.9 16.2 24.2

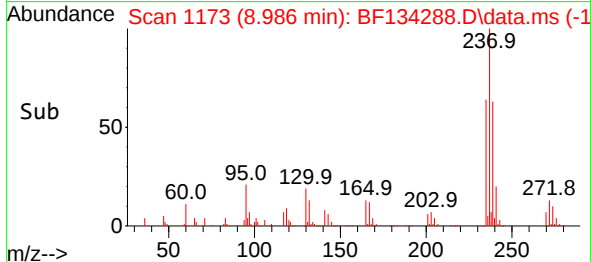
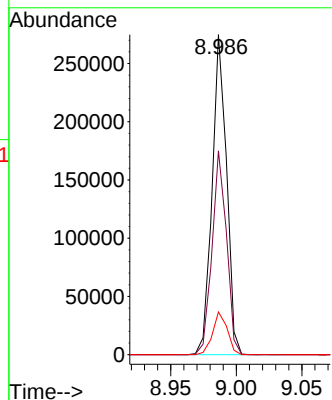
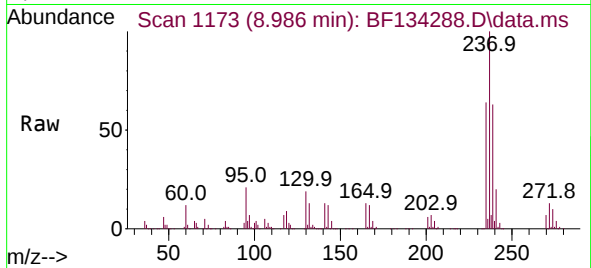




#41
Hexachlorocyclopentadiene
Concen: 51.613 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

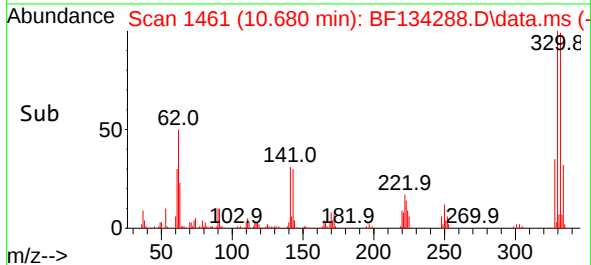
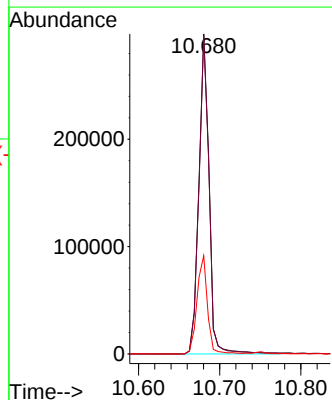
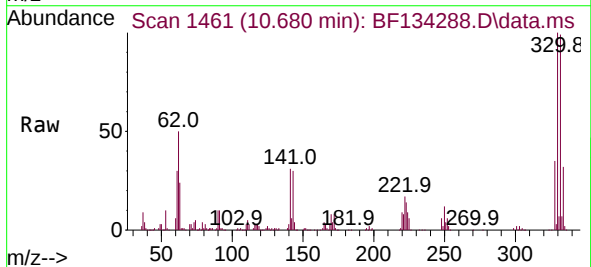
Instrument :
BNA_F
ClientSampleId :
PB154028BS

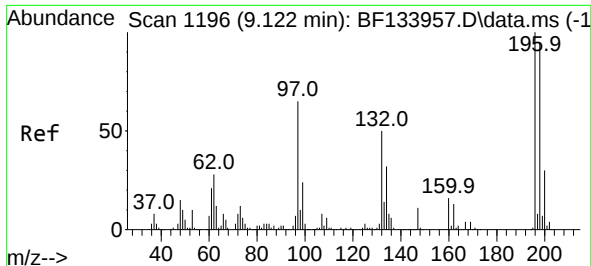
Tgt Ion:237 Resp: 210290
Ion Ratio Lower Upper
237 100
235 63.7 42.8 82.8
272 13.3 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 72.263 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:330 Resp: 262640
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.6
141 31.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 22.387 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

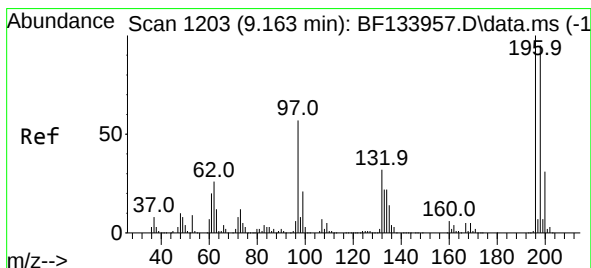
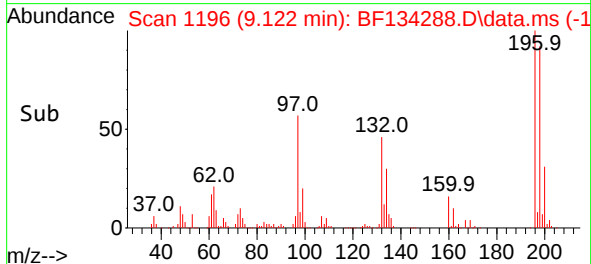
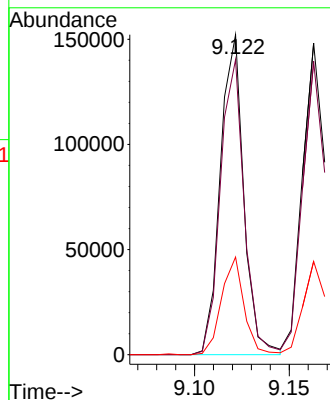
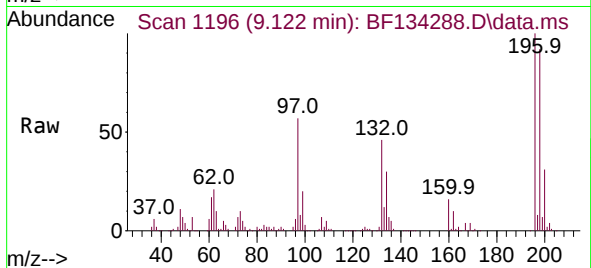
Tgt Ion:196 Resp: 130883

Ion Ratio Lower Upper

196 100

198 92.2 75.6 113.4

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 21.009 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Tgt Ion:196 Resp: 144479

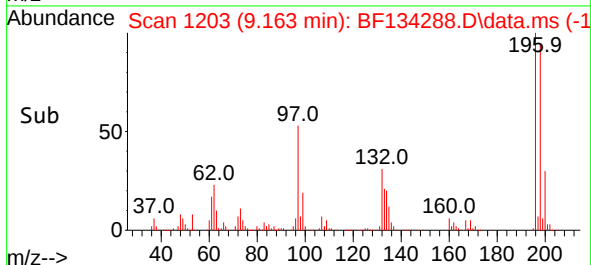
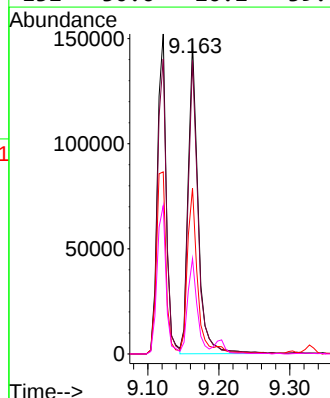
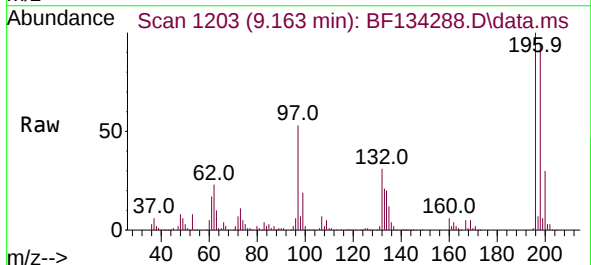
Ion Ratio Lower Upper

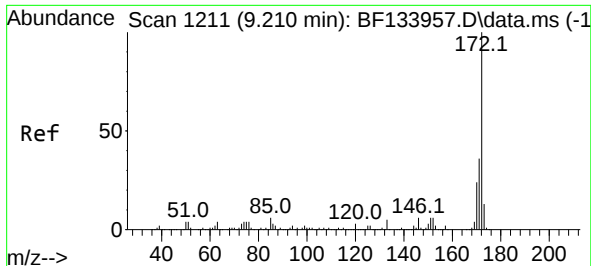
196 100

198 94.1 75.7 113.5

97 53.2 45.8 68.6

132 30.6 26.2 39.4

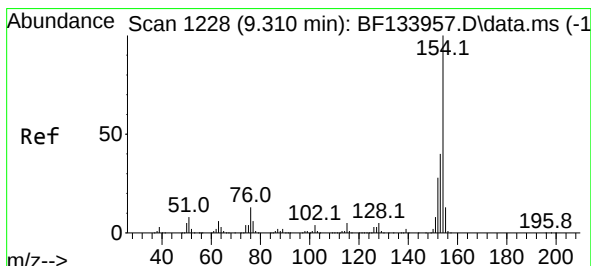
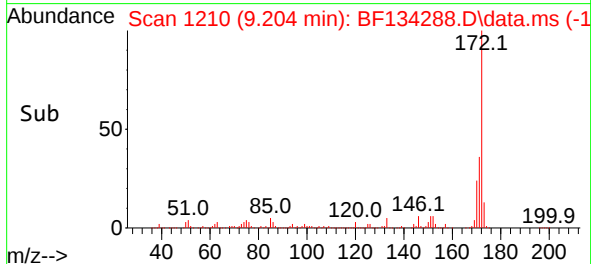
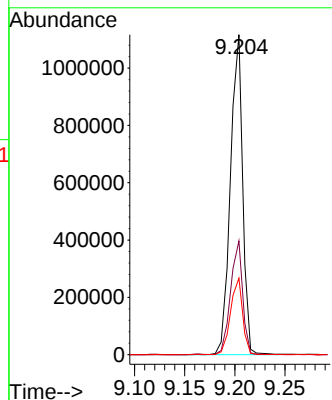
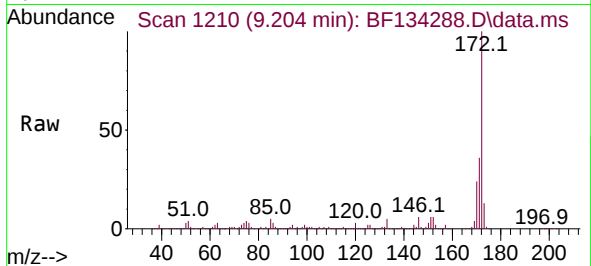




#45
2-Fluorobiphenyl
Concen: 47.525 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

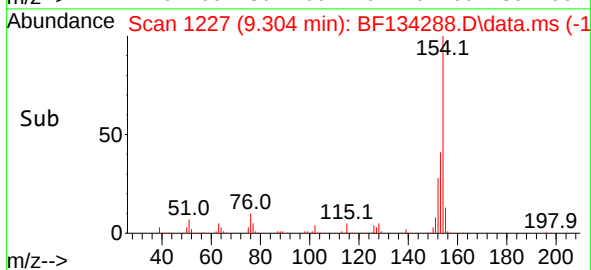
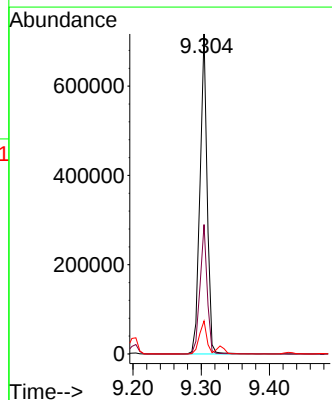
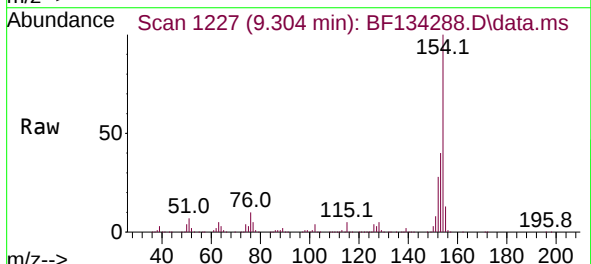
Instrument :
BNA_F
ClientSampleId :
PB154028BS

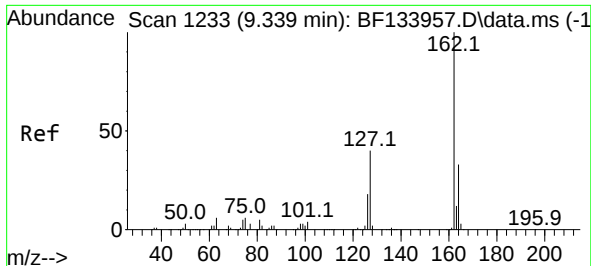
Tgt Ion:172 Resp: 947560
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 19.4 29.0



#46
1,1'-Biphenyl
Concen: 22.493 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:154 Resp: 523038
Ion Ratio Lower Upper
154 100
153 40.5 19.8 59.8
76 10.3 0.0 32.9

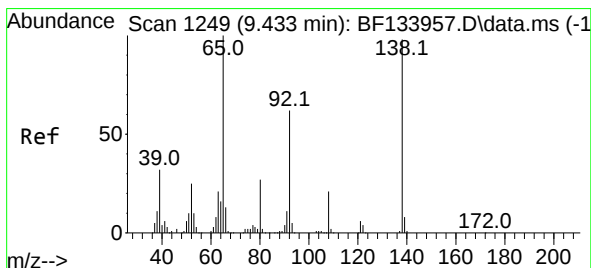
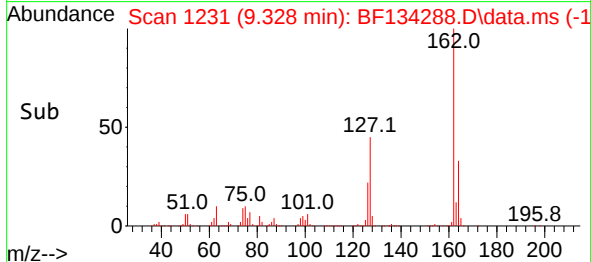
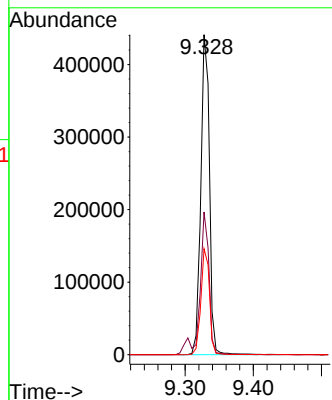
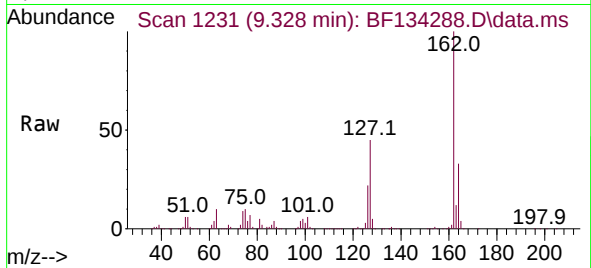




#47
2-Chloronaphthalene
Concen: 22.869 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

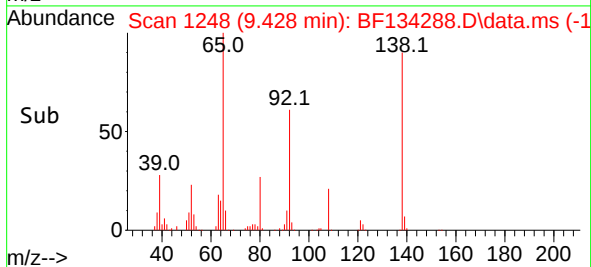
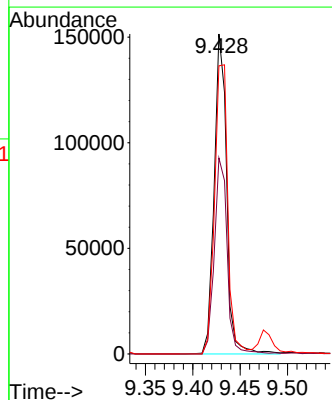
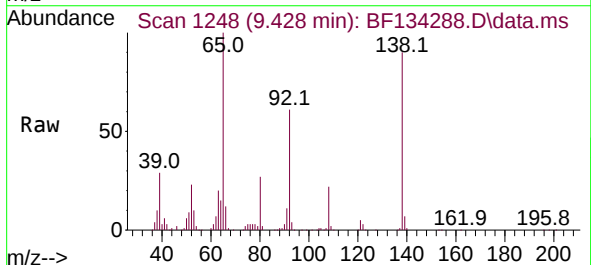
Instrument :
BNA_F
ClientSampleId :
PB154028BS

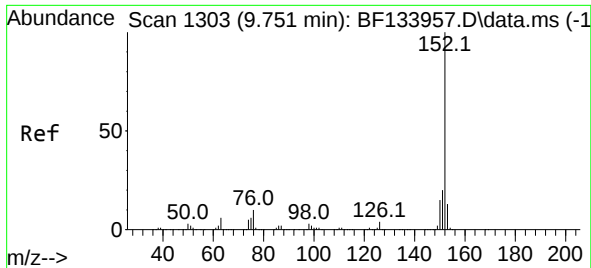
Tgt Ion:162 Resp: 389085
Ion Ratio Lower Upper
162 100
127 44.6 32.9 49.3
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 22.371 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion: 65 Resp: 138712
Ion Ratio Lower Upper
65 100
92 61.3 49.5 74.3
138 90.1 78.0 117.0

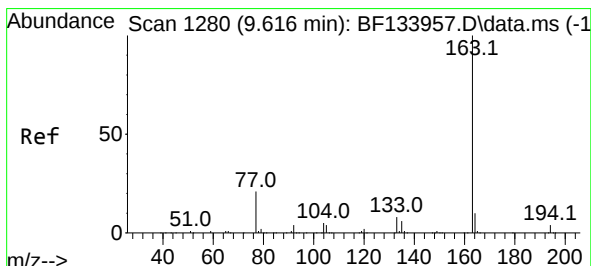
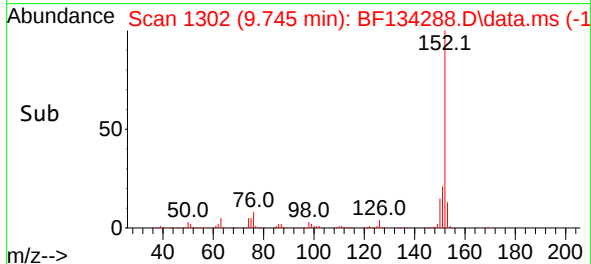
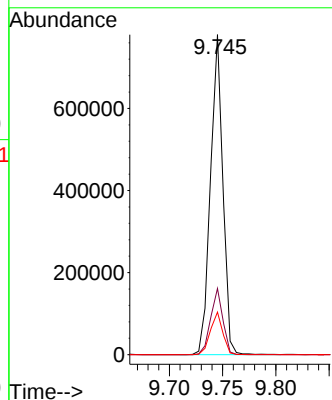
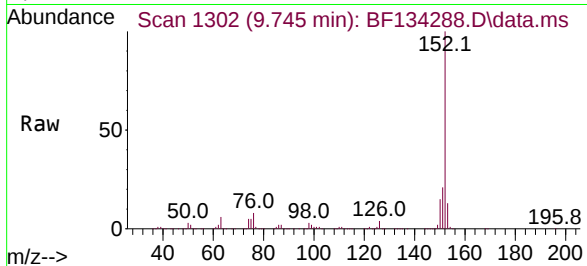




#49
Acenaphthylene
Concen: 21.718 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

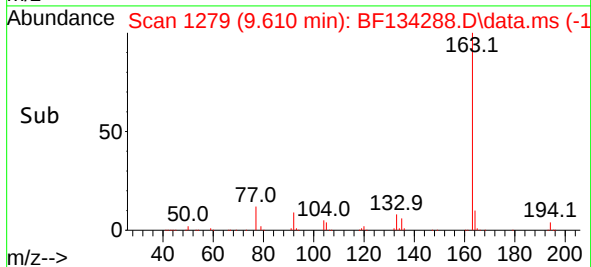
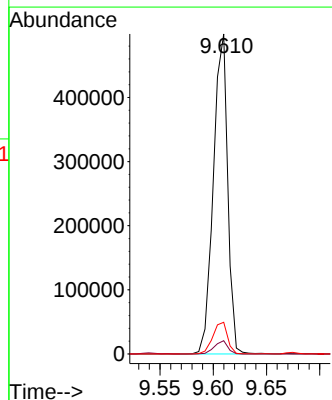
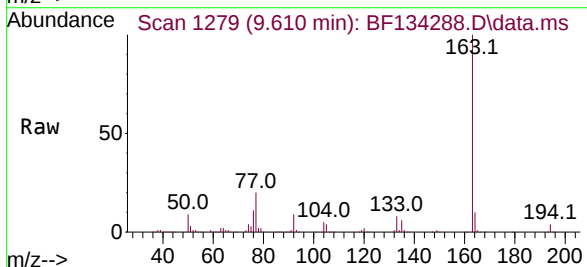
Instrument :
BNA_F
ClientSampleId :
PB154028BS

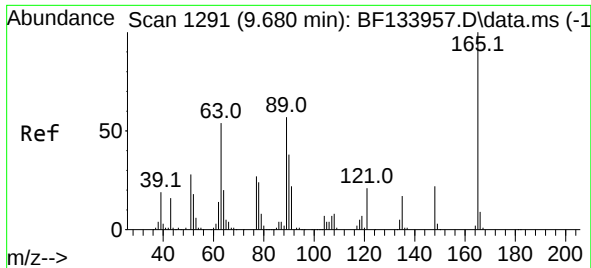
Tgt Ion:152 Resp: 631180
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 22.157 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:163 Resp: 466243
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 22.660 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

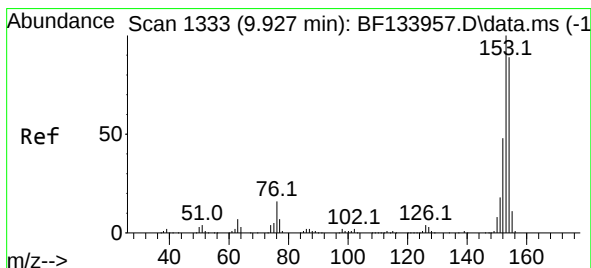
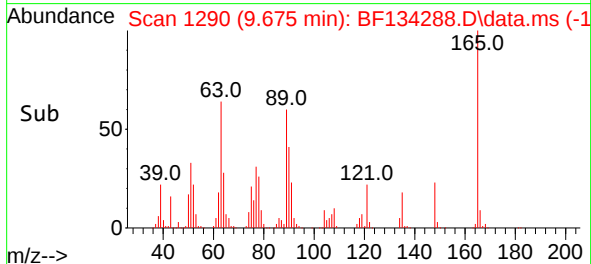
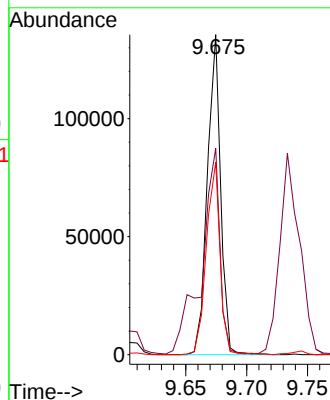
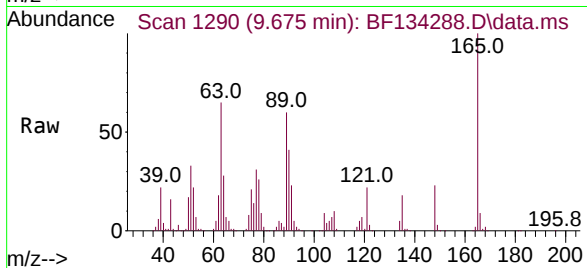
Tgt Ion:165 Resp: 102699

Ion Ratio Lower Upper

165 100

63 64.5 48.5 72.7

89 60.1 45.5 68.3



#52

Acenaphthene

Concen: 22.316 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

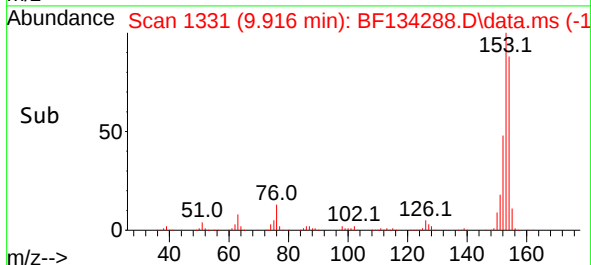
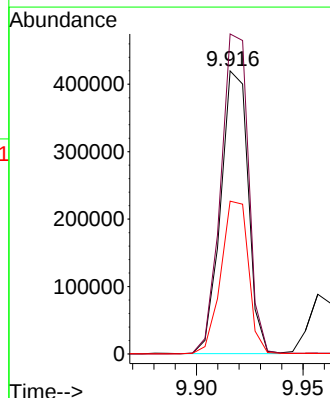
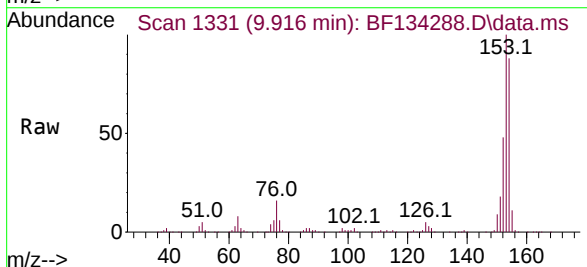
Tgt Ion:154 Resp: 376331

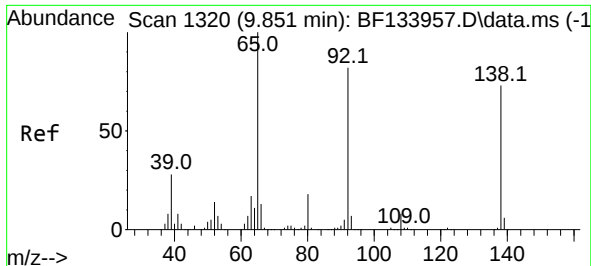
Ion Ratio Lower Upper

154 100

153 113.0 89.4 134.2

152 54.0 42.8 64.2

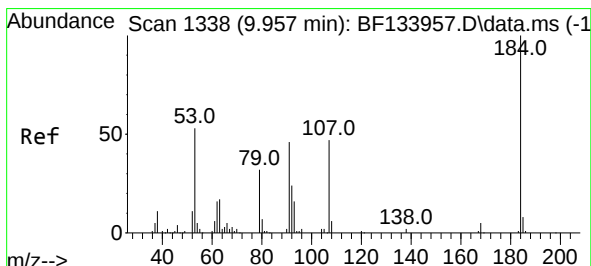
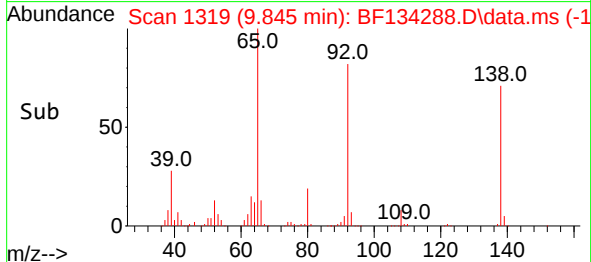
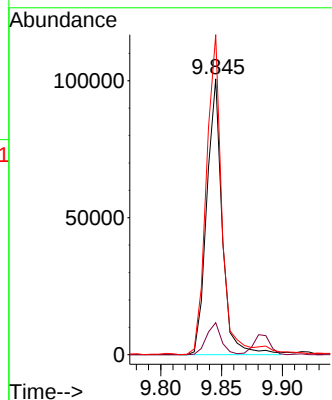
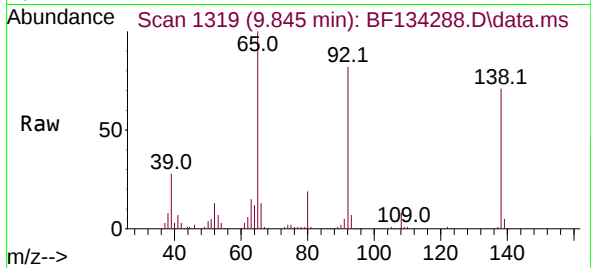




#53
3-Nitroaniline
Concen: 16.303 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

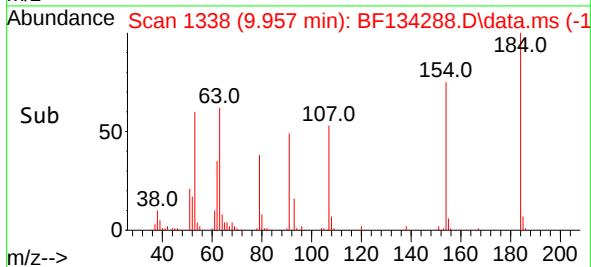
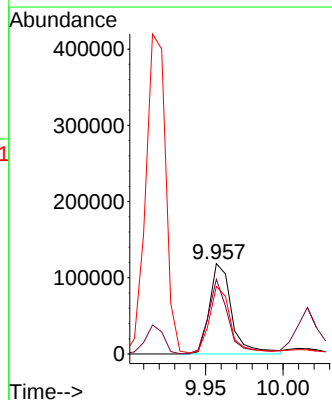
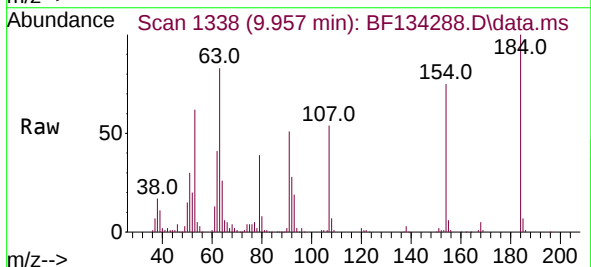
Instrument :
BNA_F
ClientSampleId :
PB154028BS

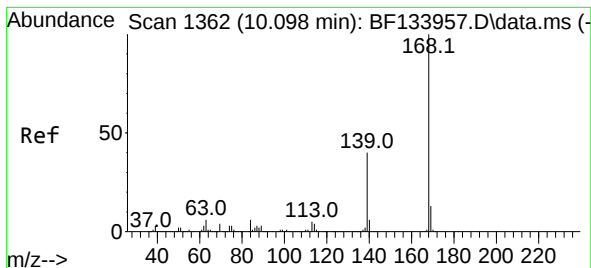
Tgt Ion:138 Resp: 88639
Ion Ratio Lower Upper
138 100
108 11.6 8.4 12.6
92 116.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 47.074 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:184 Resp: 118836
Ion Ratio Lower Upper
184 100
63 82.7 56.9 85.3
154 74.7 55.4 83.0





#55

Dibenzenofuran

Concen: 21.770 ng

RT: 10.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

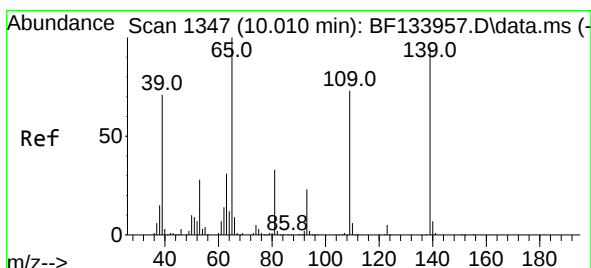
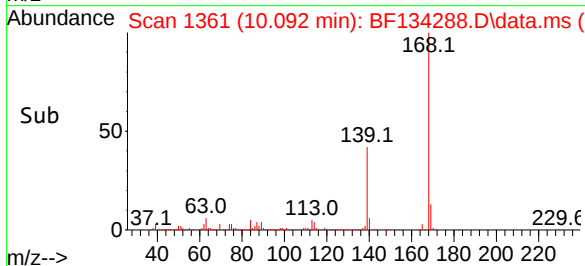
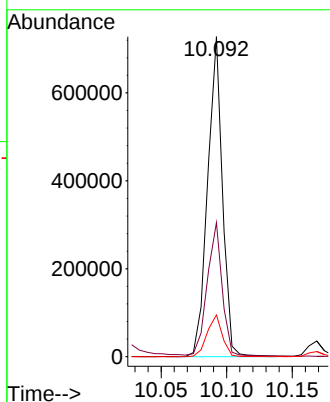
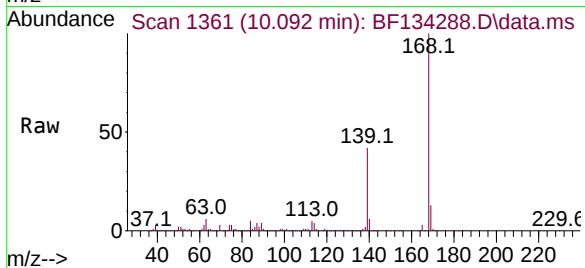
Tgt Ion:168 Resp: 573757

Ion Ratio Lower Upper

168 100

139 41.9 32.0 48.0

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 41.733 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

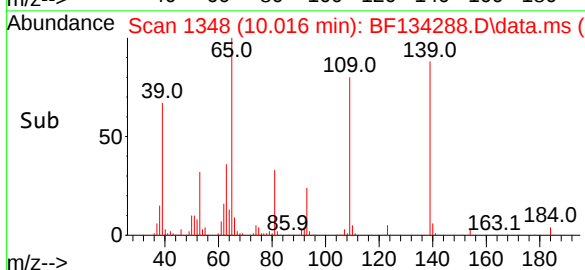
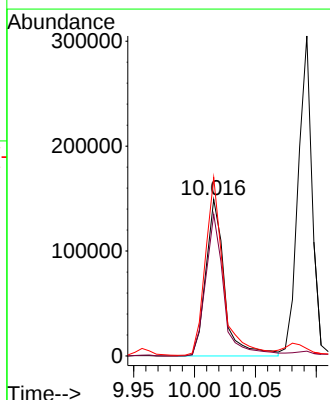
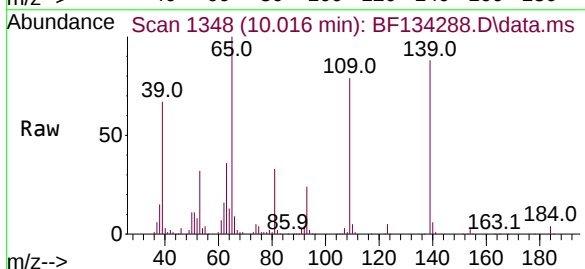
Tgt Ion:139 Resp: 158717

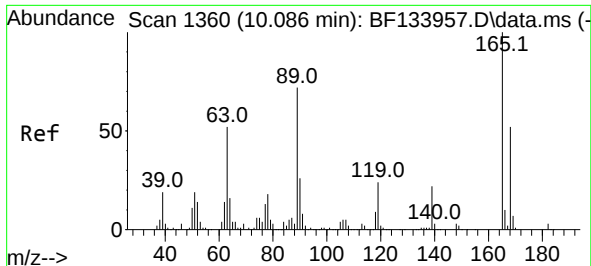
Ion Ratio Lower Upper

139 100

109 90.6 56.8 96.8

65 114.1 86.1 126.1

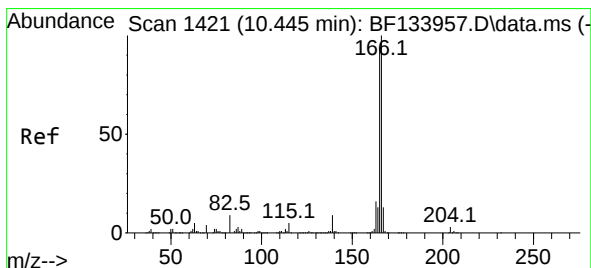
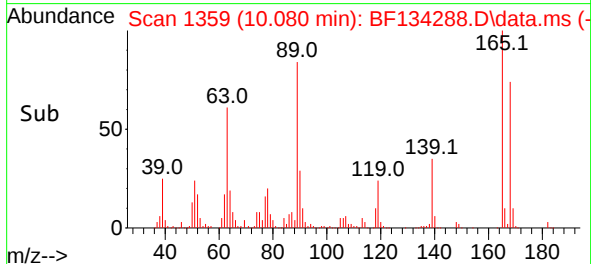
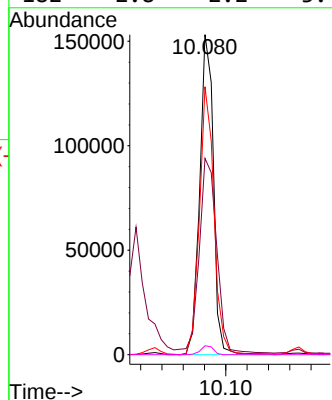
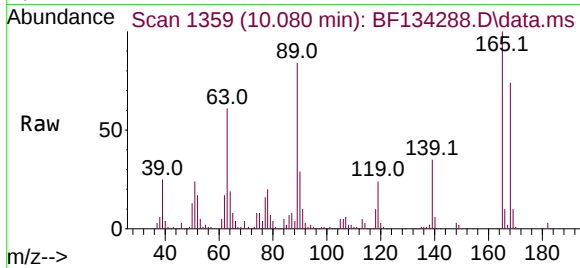




#57
2,4-Dinitrotoluene
Concen: 22.959 ng
RT: 10.080 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

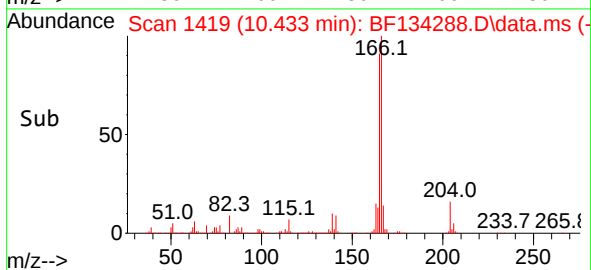
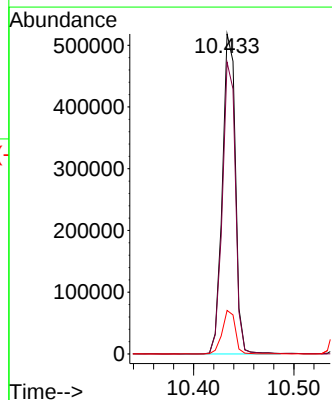
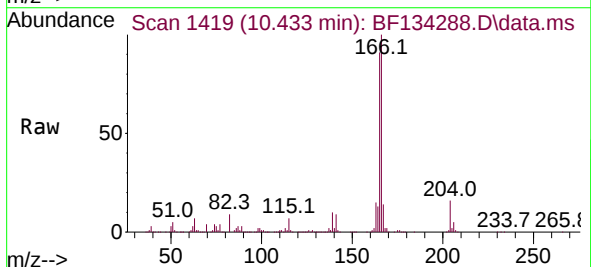
Instrument :
BNA_F
ClientSampleId :
PB154028BS

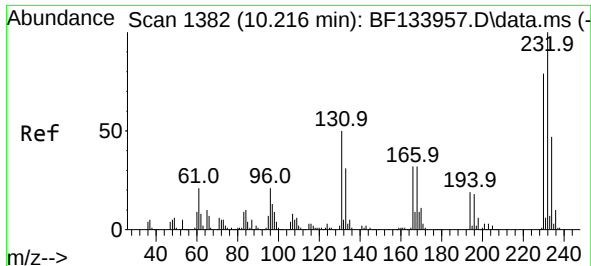
Tgt Ion:165 Resp: 137417
Ion Ratio Lower Upper
165 100
63 61.4 42.2 63.2
89 83.7 57.4 86.2
182 2.8 2.2 3.4



#58
Fluorene
Concen: 22.891 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:166 Resp: 469380
Ion Ratio Lower Upper
166 100
165 91.2 75.0 112.4
167 13.6 10.6 15.8

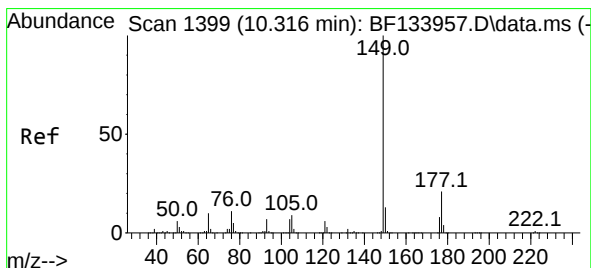
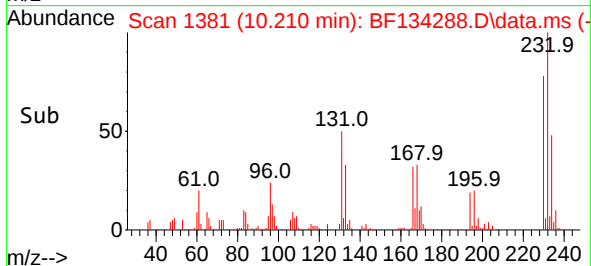
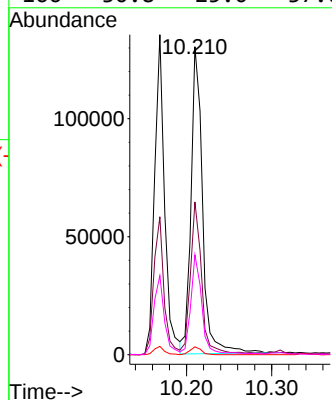
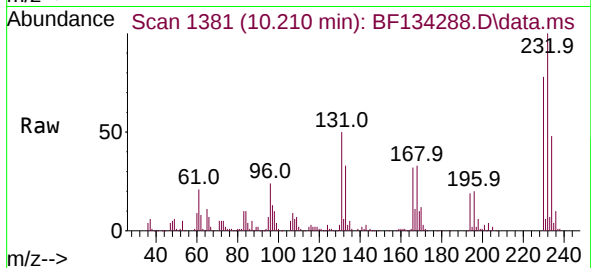




#59
2,3,4,6-Tetrachlorophenol
Concen: 22.573 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

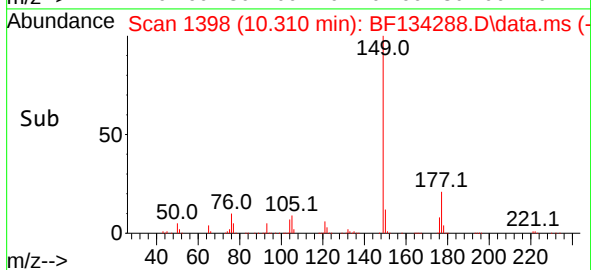
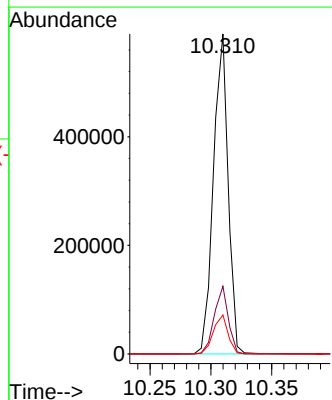
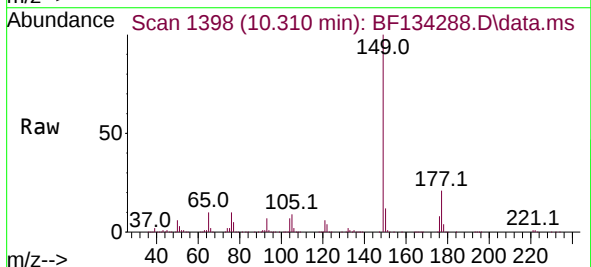
Instrument :
BNA_F
ClientSampleId :
PB154028BS

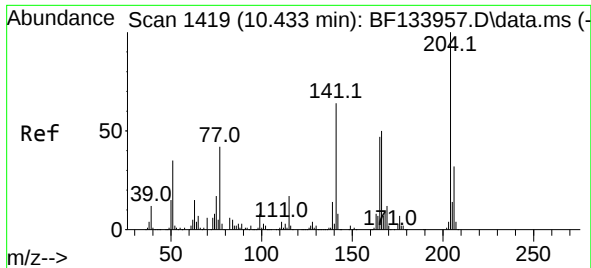
Tgt Ion:232 Resp: 122445
Ion Ratio Lower Upper
232 100
131 47.3 39.3 58.9
130 2.5 1.8 2.6
166 30.8 25.0 37.6



#60
Diethylphthalate
Concen: 22.586 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:149 Resp: 495160
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.2 10.2 15.2

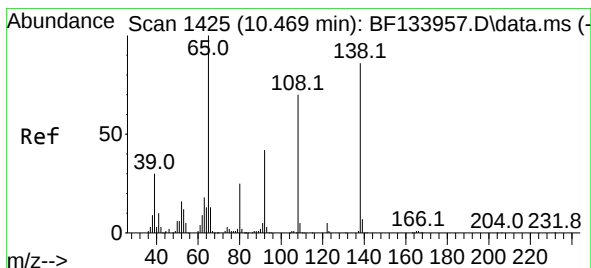
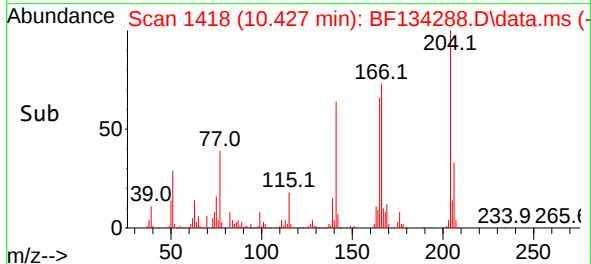
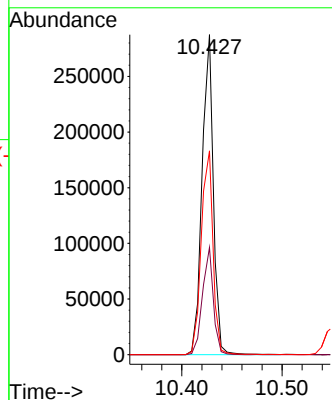
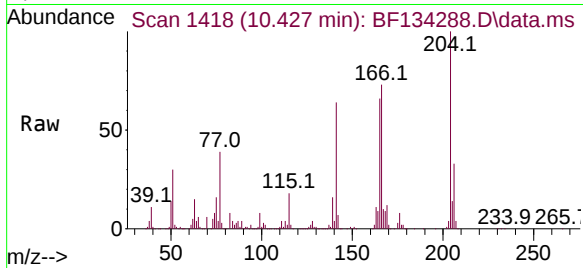




#61
4-Chlorophenyl-phenylether
Concen: 22.753 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

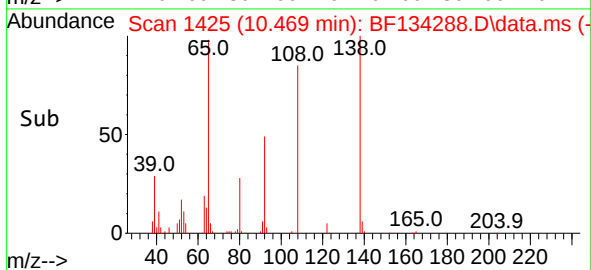
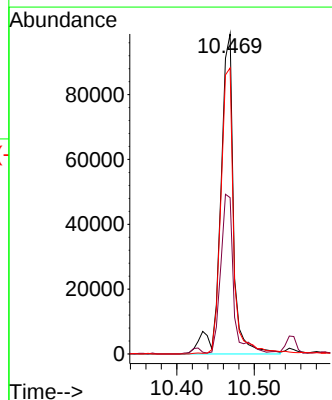
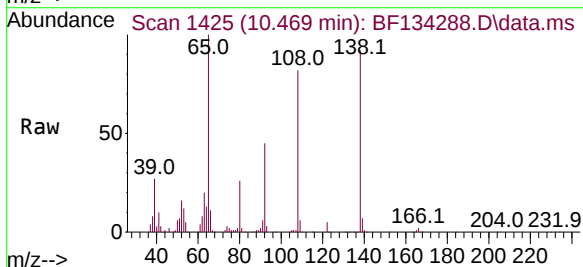
Instrument :
BNA_F
ClientSampleId :
PB154028BS

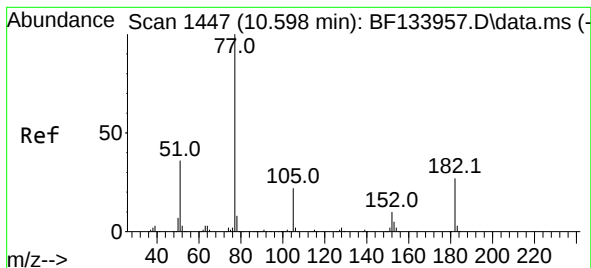
Tgt Ion:204 Resp: 224837
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 63.7 51.5 77.3



#62
4-Nitroaniline
Concen: 20.840 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:138 Resp: 114194
Ion Ratio Lower Upper
138 100
92 48.8 29.7 69.7
108 89.4 62.1 102.1





#63

Azobenzene

Concen: 22.038 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

Tgt Ion: 77 Resp: 457010

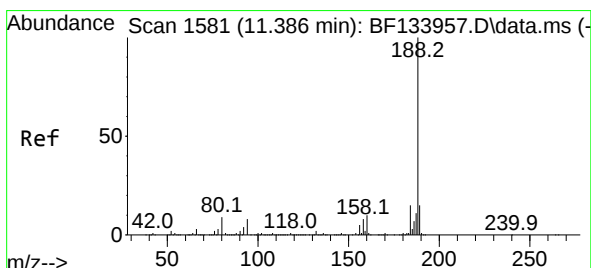
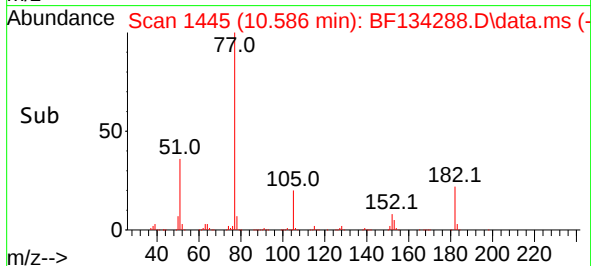
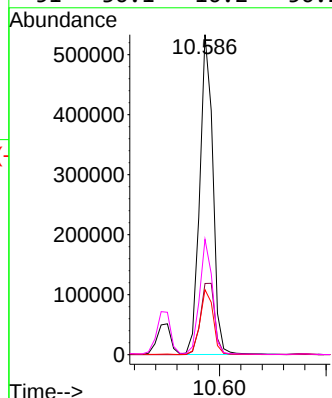
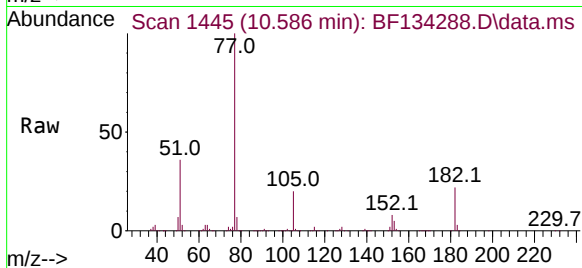
Ion Ratio Lower Upper

77 100

182 22.3 6.8 46.8

105 20.3 2.3 42.3

51 36.1 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

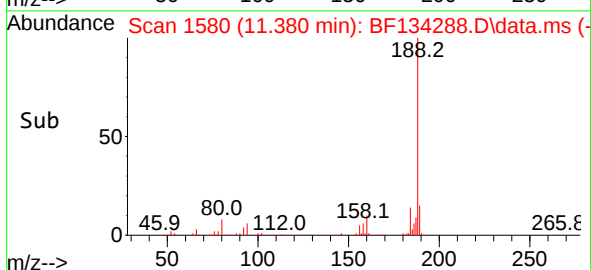
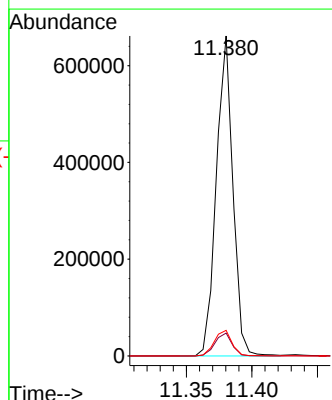
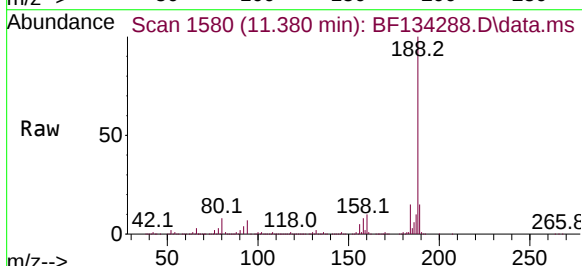
Tgt Ion: 188 Resp: 580139

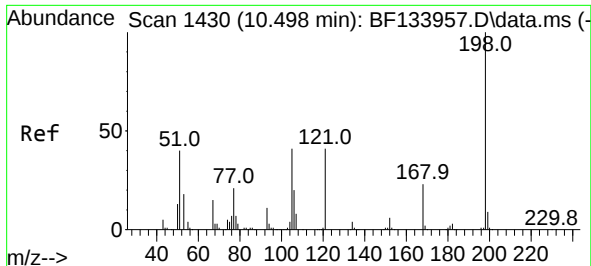
Ion Ratio Lower Upper

188 100

94 7.2 6.4 9.6

80 8.0 7.3 10.9

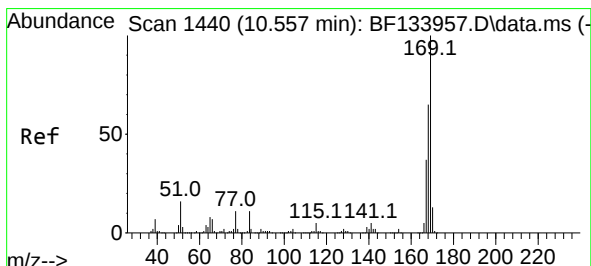
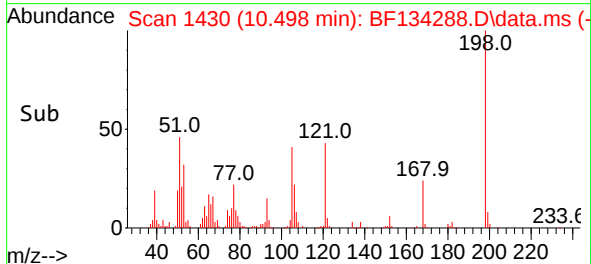
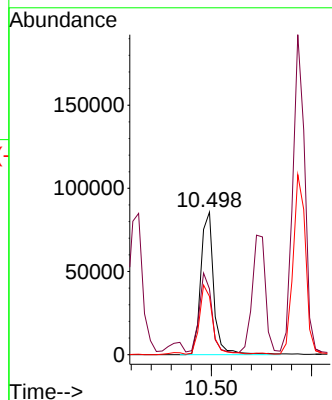
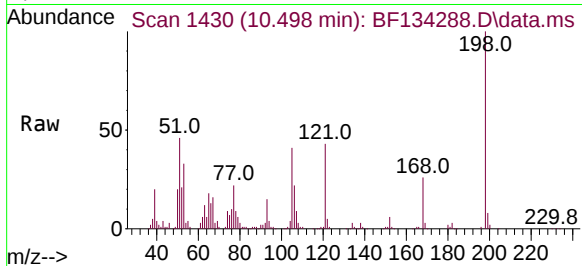




#65
4,6-Dinitro-2-methylphenol
Concen: 24.488 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

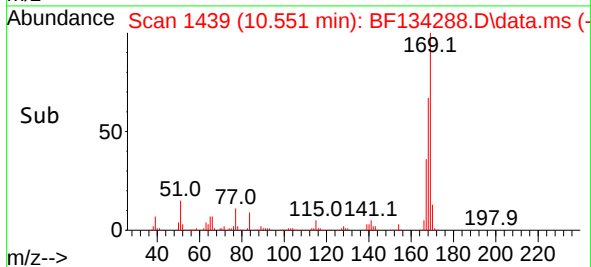
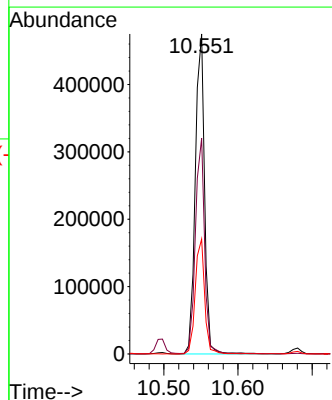
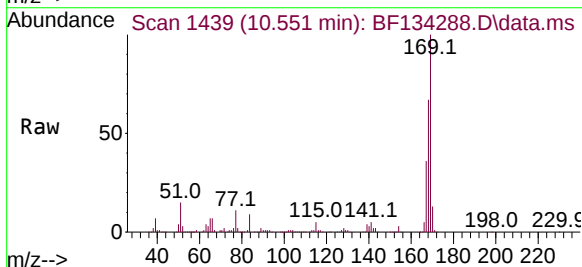
Instrument :
BNA_F
ClientSampleId :
PB154028BS

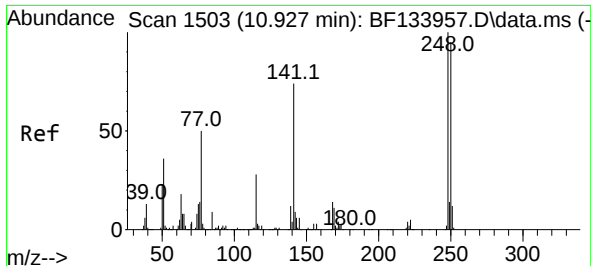
Tgt Ion:198 Resp: 77452
Ion Ratio Lower Upper
198 100
51 46.2 29.3 69.3
105 40.9 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 22.213 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:169 Resp: 411728
Ion Ratio Lower Upper
169 100
168 67.5 52.3 78.5
167 35.9 29.4 44.0

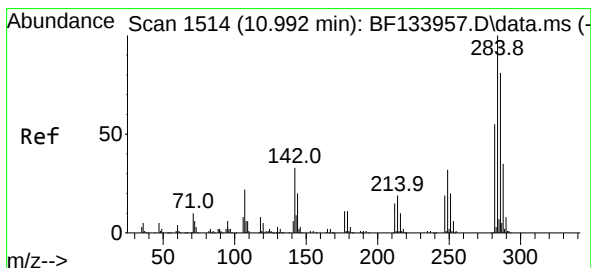
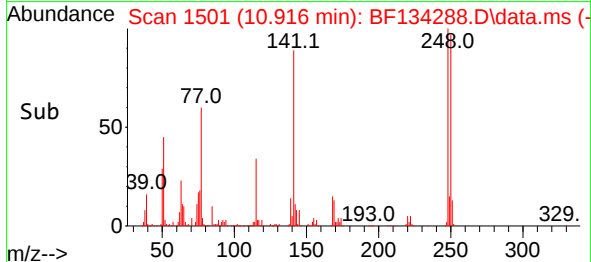
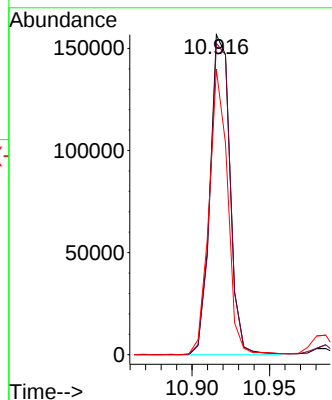
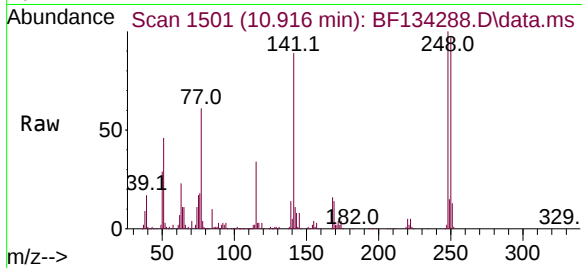




#67
4-Bromophenyl-phenylether
Concen: 22.716 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

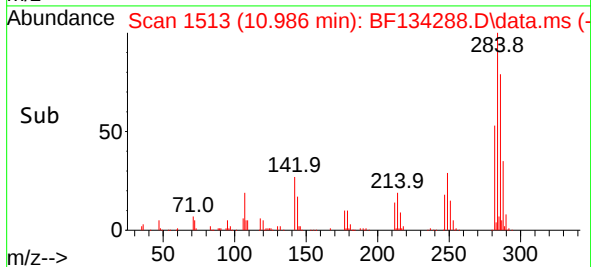
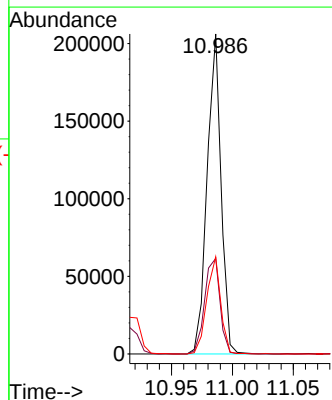
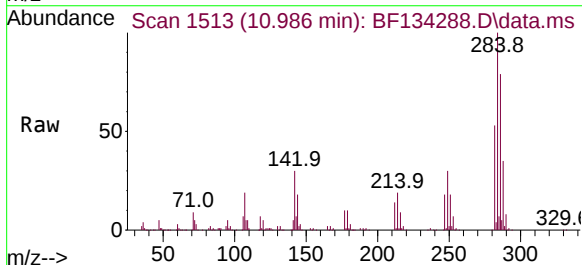
Instrument :
BNA_F
ClientSampleId :
PB154028BS

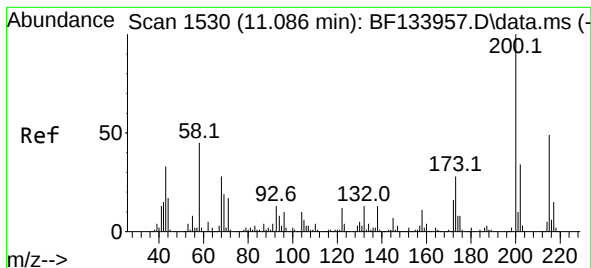
Tgt Ion:248 Resp: 140070
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.4
141 89.1 59.0 88.4#



#68
Hexachlorobenzene
Concen: 25.003 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:284 Resp: 163697
Ion Ratio Lower Upper
284 100
142 29.8 26.6 40.0
249 30.4 25.5 38.3





#69

Atrazine

Concen: 26.583 ng

RT: 11.080 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

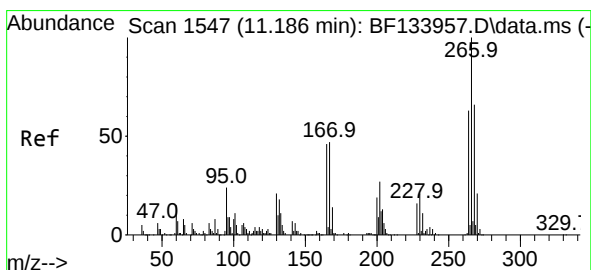
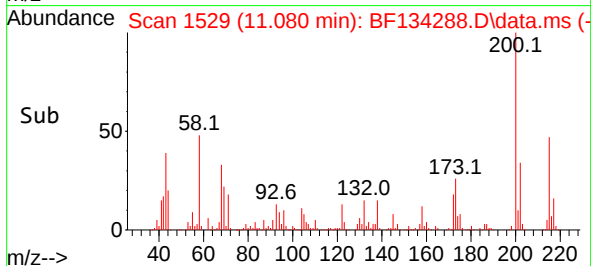
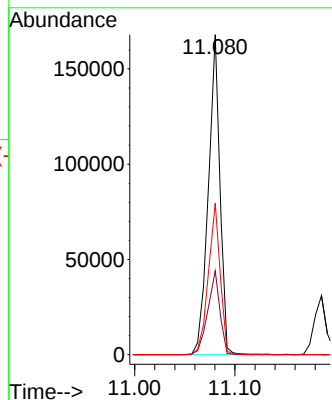
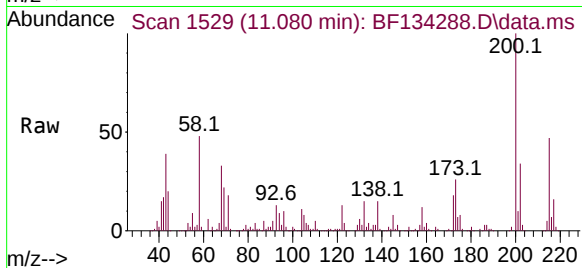
Tgt Ion:200 Resp: 136294

Ion Ratio Lower Upper

200 100

173 26.2 8.0 48.0

215 47.3 29.3 69.3



#70

Pentachlorophenol

Concen: 39.962 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

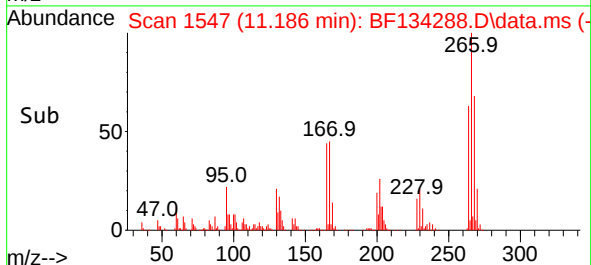
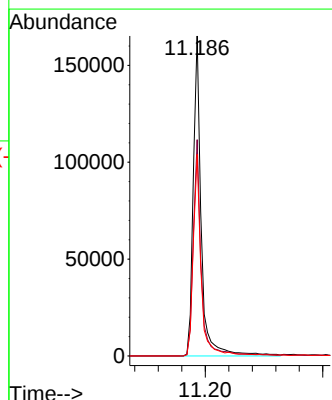
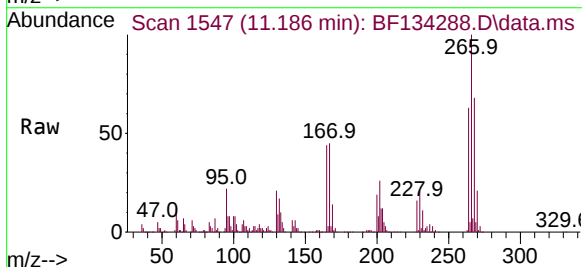
Tgt Ion:266 Resp: 156433

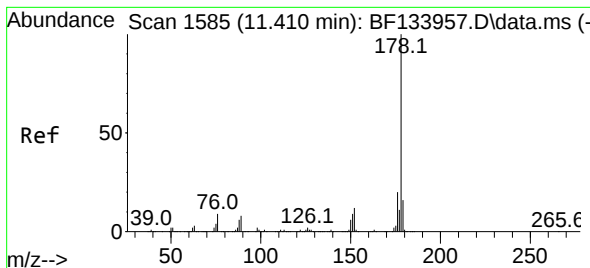
Ion Ratio Lower Upper

266 100

268 67.6 52.6 79.0

264 63.0 50.6 76.0





#71

Phenanthrene

Concen: 22.674 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

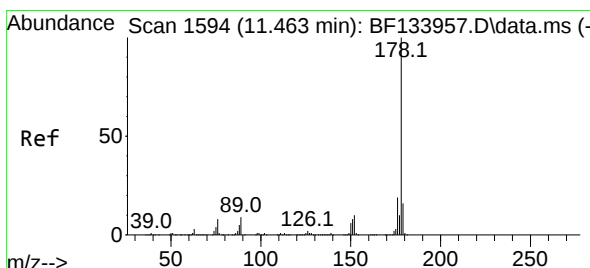
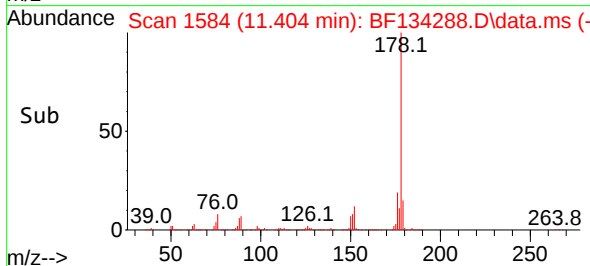
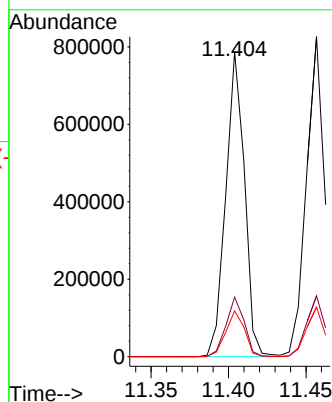
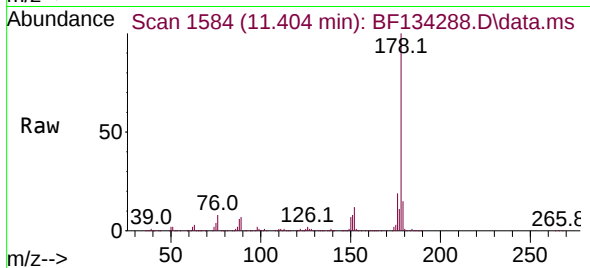
Tgt Ion:178 Resp: 662210

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

179 15.0 12.4 18.6



#72

Anthracene

Concen: 22.661 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

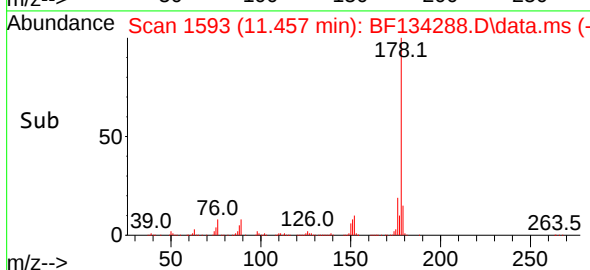
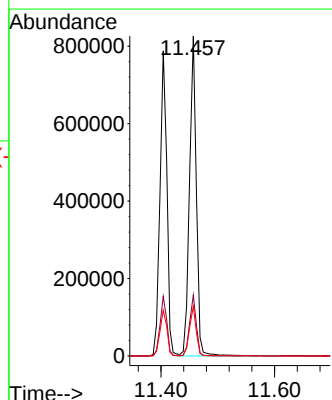
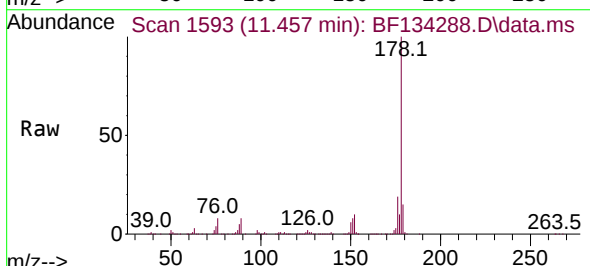
Tgt Ion:178 Resp: 688362

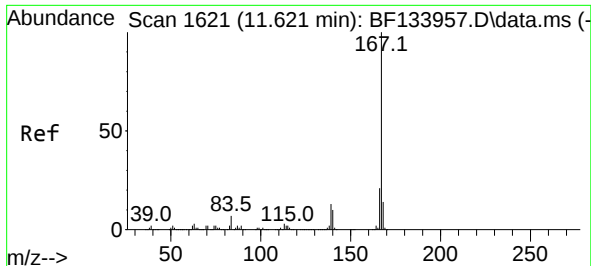
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.5 12.4 18.6

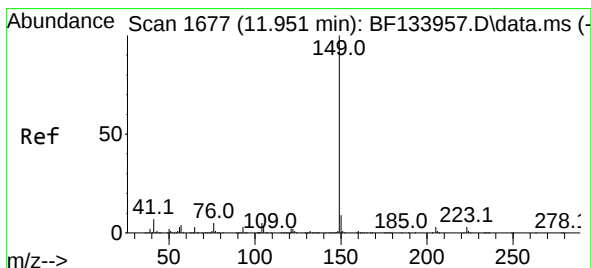
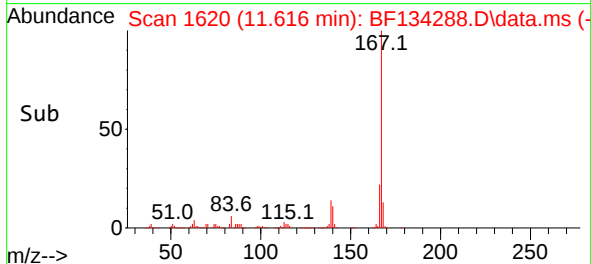
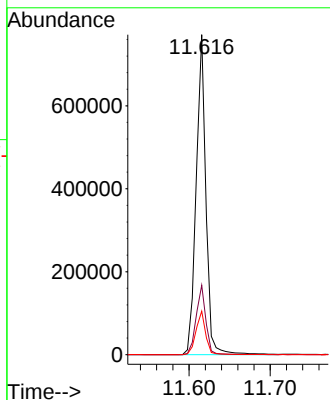
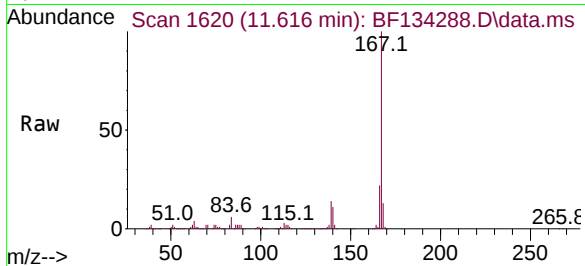




#73
 Carbazole
 Concen: 23.290 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BF134288.D
 Acq: 14 Jul 2023 13:37

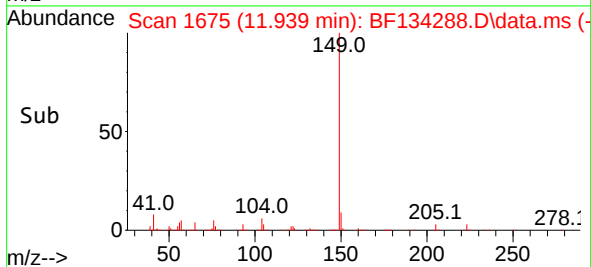
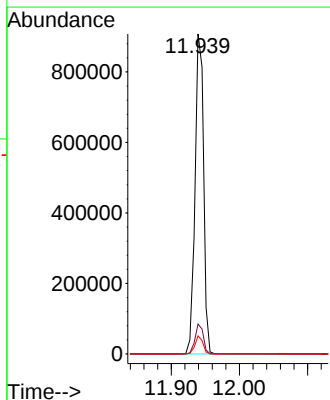
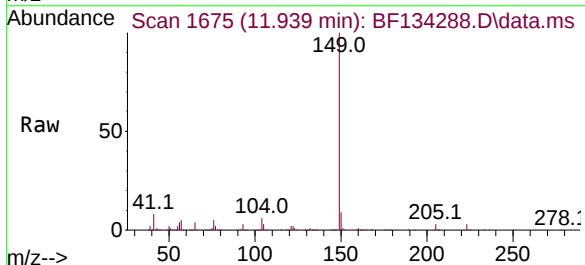
Instrument :
 BNA_F
 ClientSampleId :
 PB154028BS

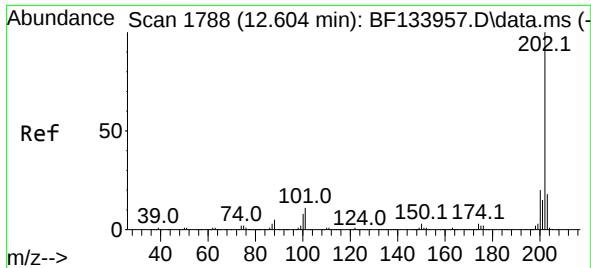
Tgt Ion:167 Resp: 647563
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.6 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 23.882 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. 0.000 min
 Lab File: BF134288.D
 Acq: 14 Jul 2023 13:37

Tgt Ion:149 Resp: 789651
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.6 4.0 6.0

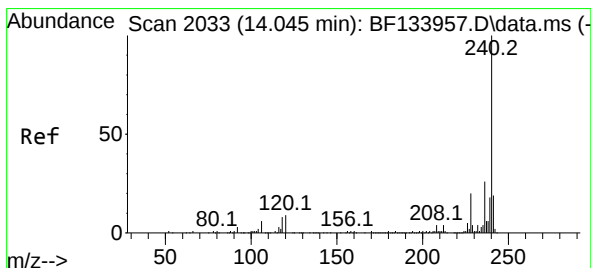
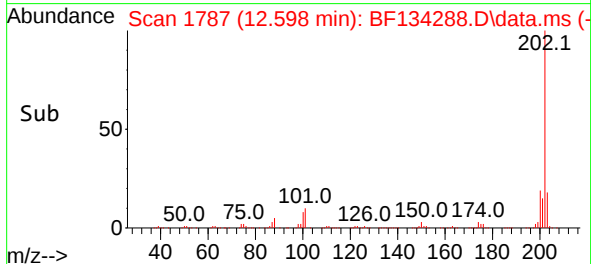
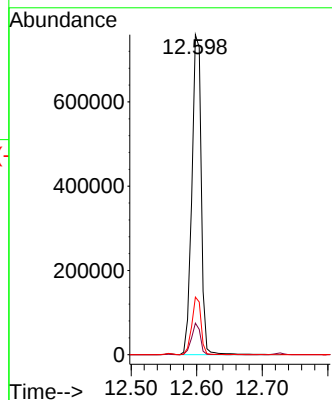
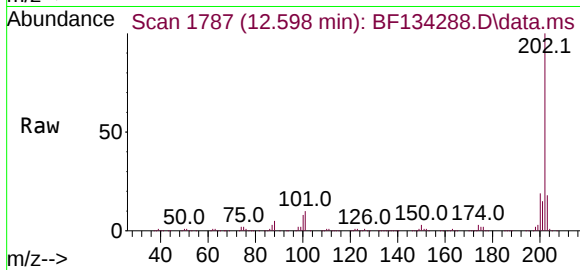




#75
Fluoranthene
Concen: 23.838 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

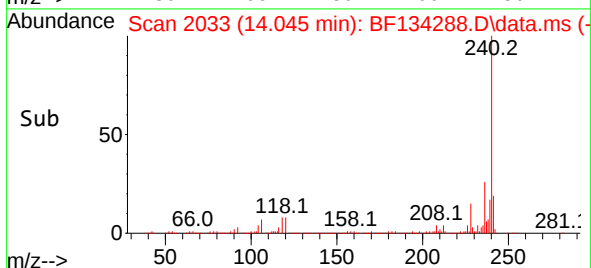
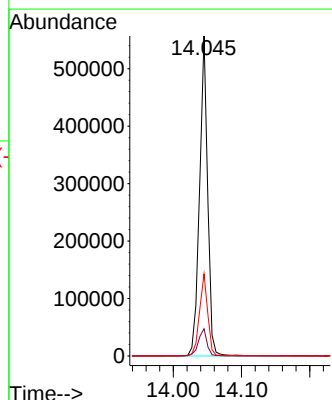
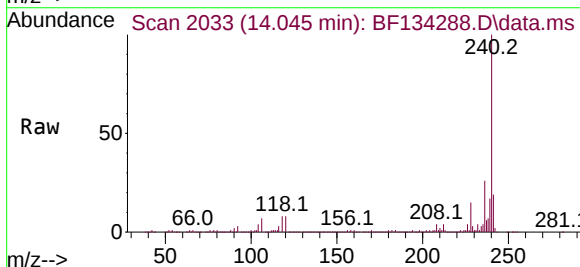
Instrument :
BNA_F
ClientSampleId :
PB154028BS

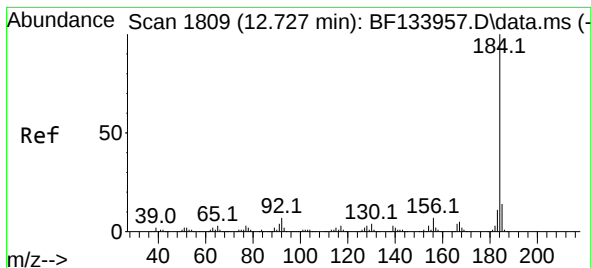
Tgt Ion:202 Resp: 752646
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.0
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:240 Resp: 458067
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 25.6 21.0 31.6





#77

Benzidine

Concen: 40.835 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

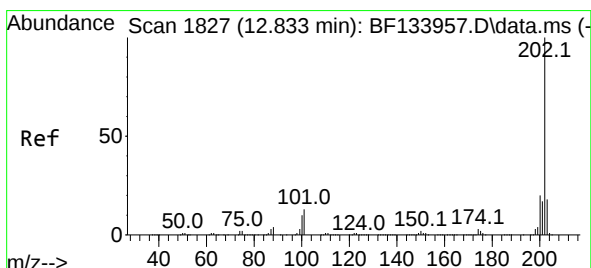
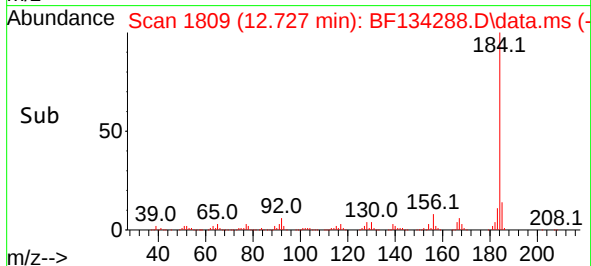
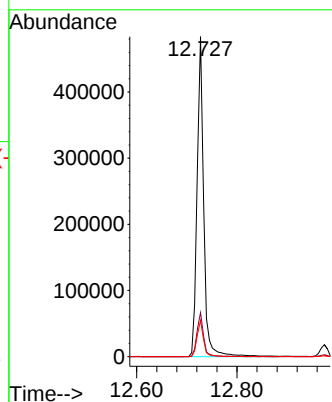
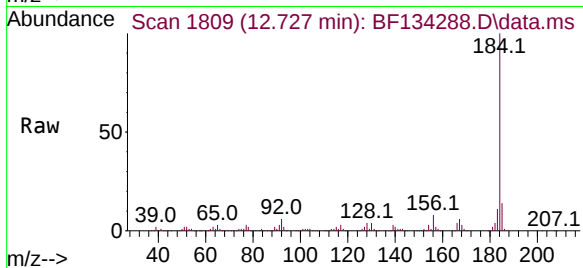
Tgt Ion:184 Resp: 445080

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

183 11.4 8.8 13.2



#78

Pyrene

Concen: 18.215 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

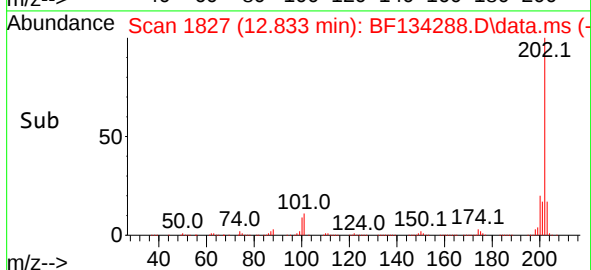
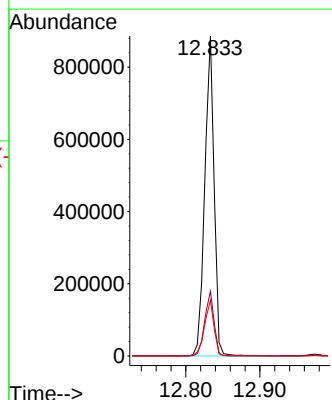
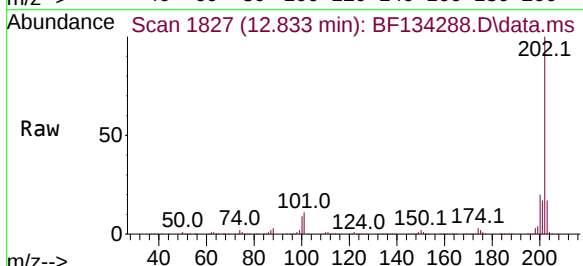
Tgt Ion:202 Resp: 776494

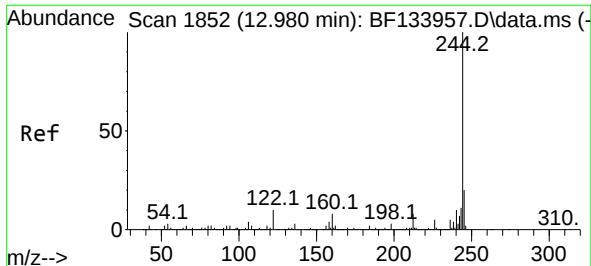
Ion Ratio Lower Upper

202 100

200 20.3 16.1 24.1

203 17.4 14.3 21.5

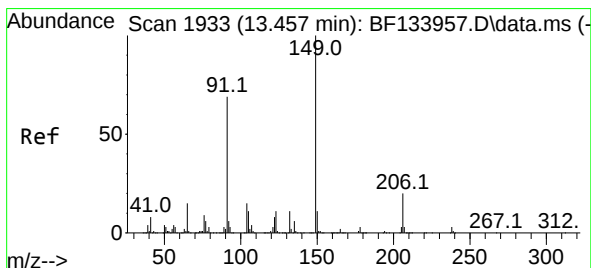
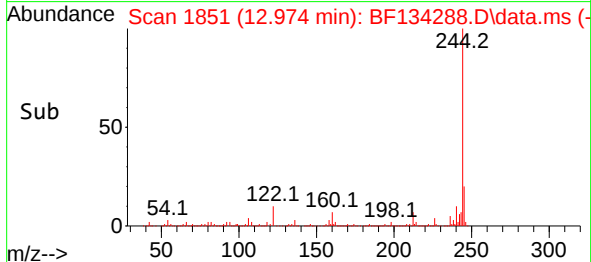
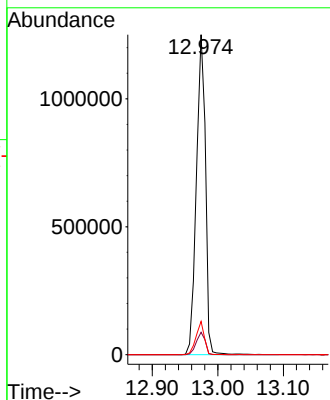
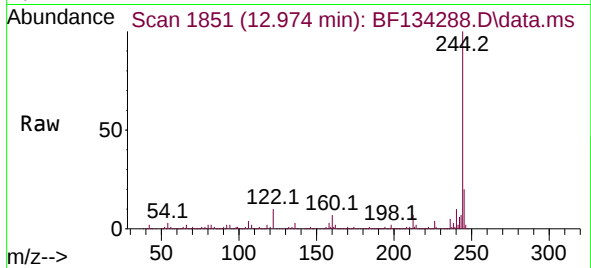




#79
 Terphenyl-d14
 Concen: 42.547 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134288.D
 Acq: 14 Jul 2023 13:37

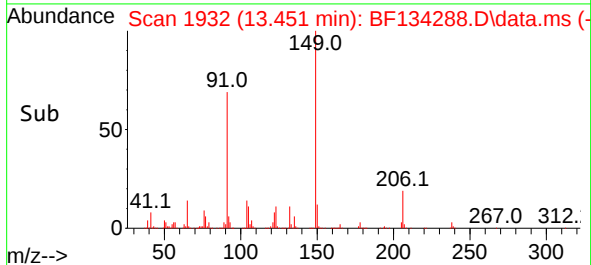
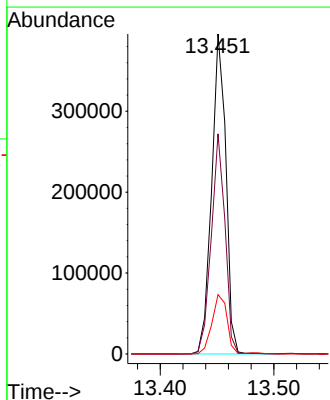
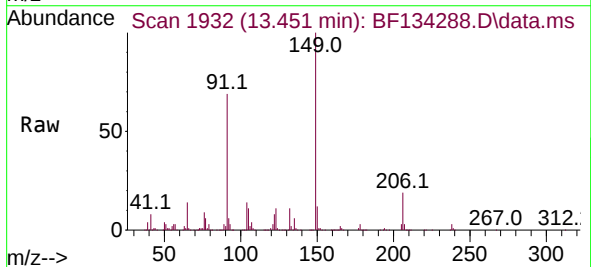
Instrument :
 BNA_F
 ClientSampleId :
 PB154028BS

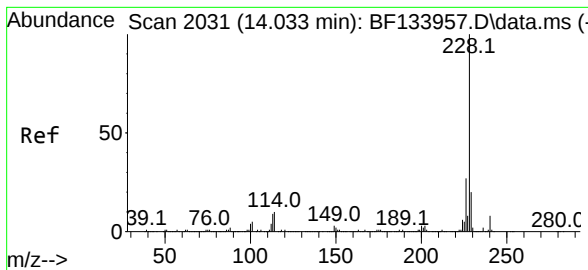
Tgt Ion:244 Resp: 1210960
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.4 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 21.434 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF134288.D
 Acq: 14 Jul 2023 13:37

Tgt Ion:149 Resp: 342693
 Ion Ratio Lower Upper
 149 100
 91 68.8 55.1 82.7
 206 18.6 15.7 23.5

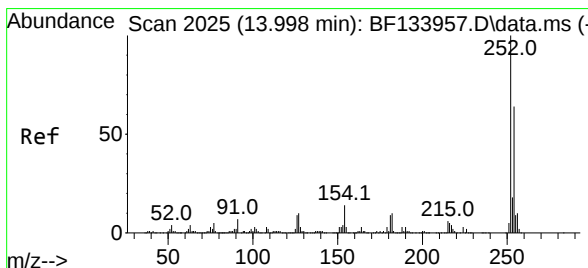
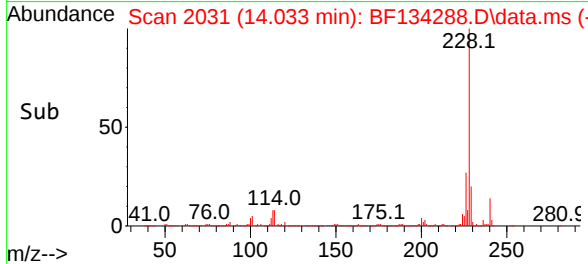
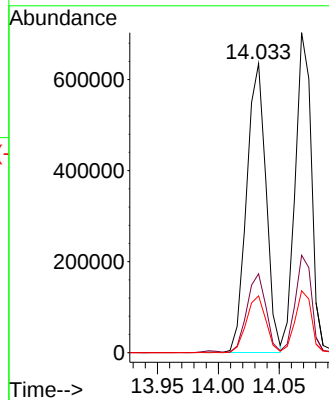
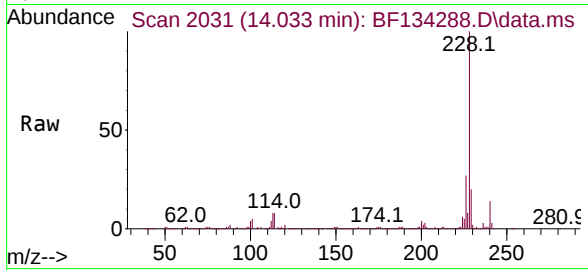




#81
Benzo(a)anthracene
Concen: 22.162 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

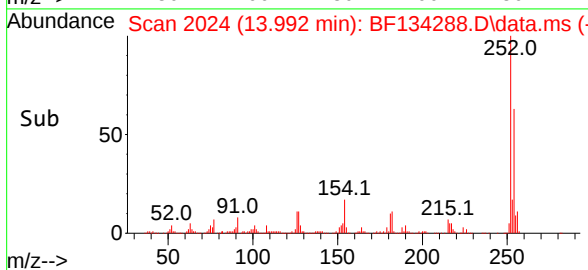
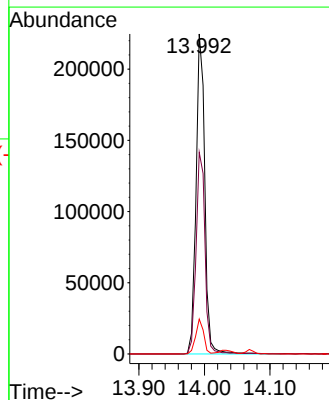
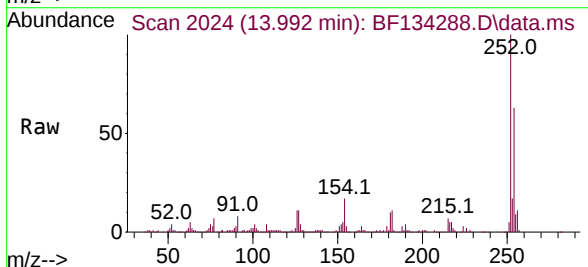
Instrument :
BNA_F
ClientSampleId :
PB154028BS

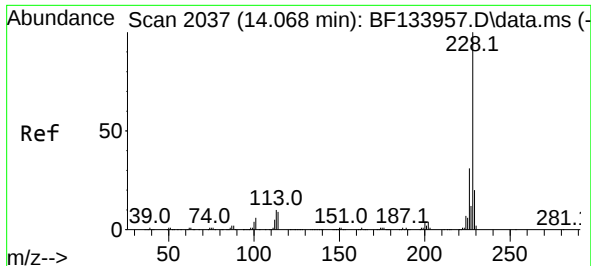
Tgt Ion:228 Resp: 704034
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 20.706 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:252 Resp: 208404
Ion Ratio Lower Upper
252 100
254 63.0 51.4 77.0
126 10.9 7.4 11.2

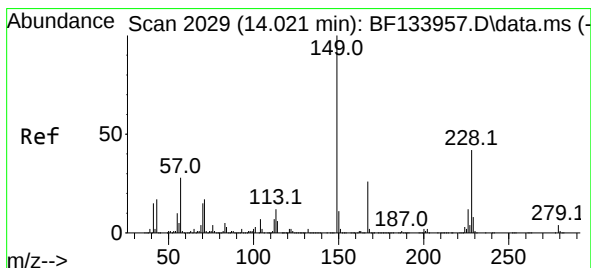
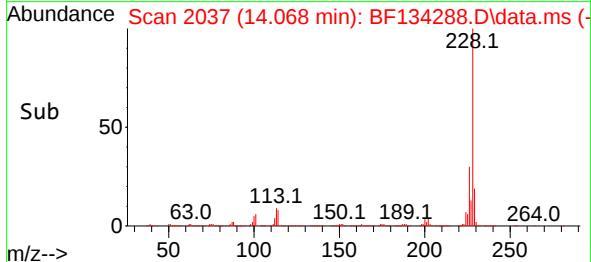
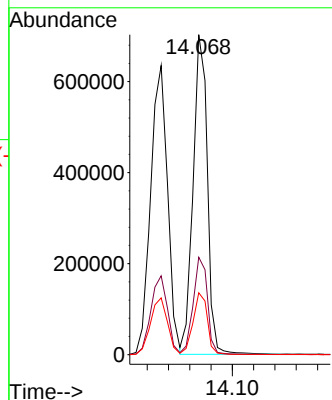
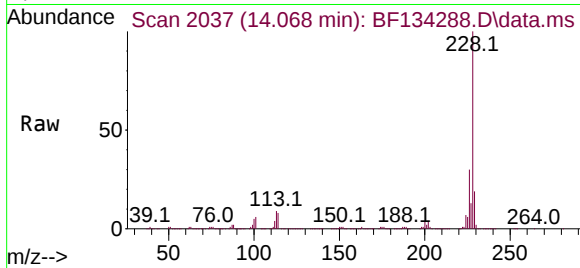




#83
Chrysene
Concen: 21.281 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

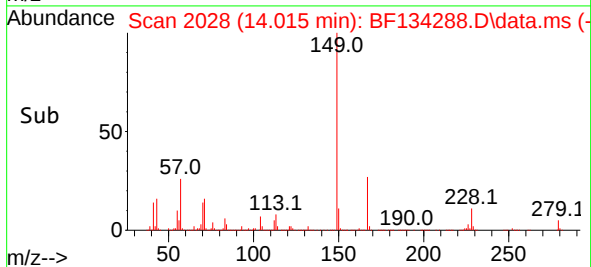
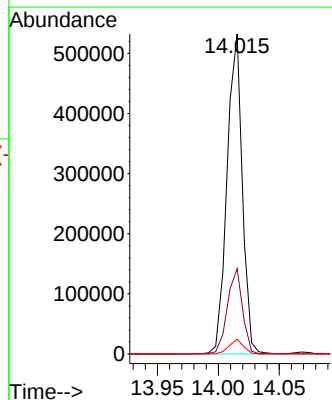
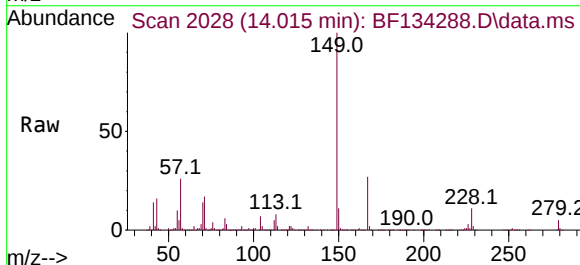
Instrument :
BNA_F
ClientSampleId :
PB154028BS

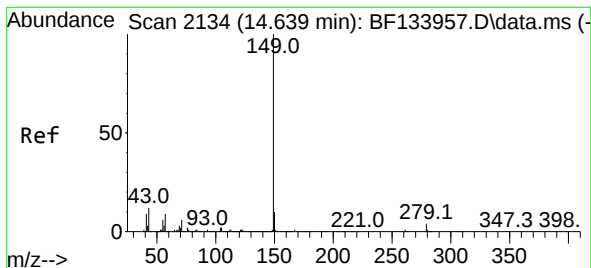
Tgt Ion:228 Resp: 654805
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.3 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.335 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:149 Resp: 465427
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.4
279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 28.925 ng

RT: 14.633 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

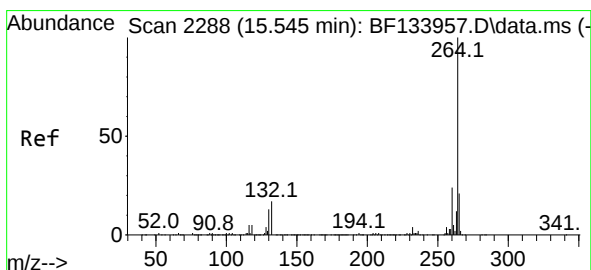
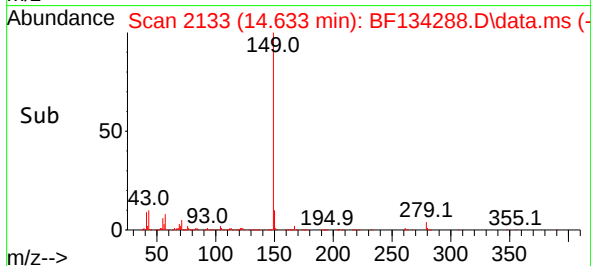
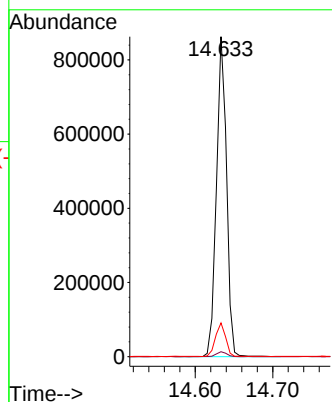
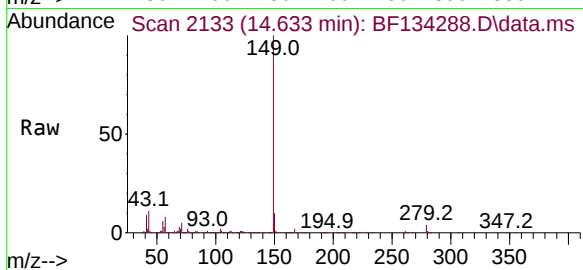
Tgt Ion:149 Resp: 780797

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

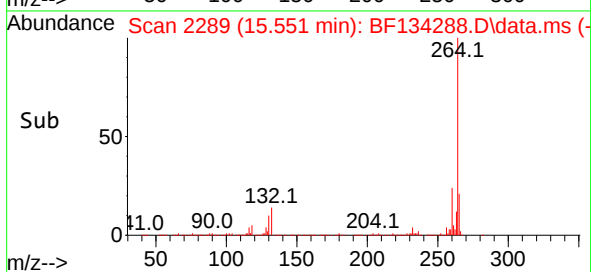
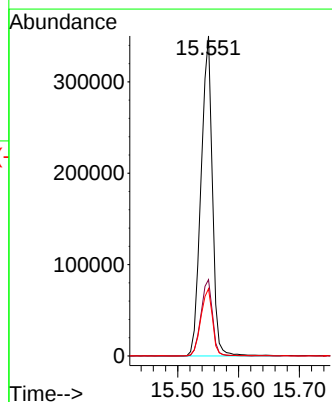
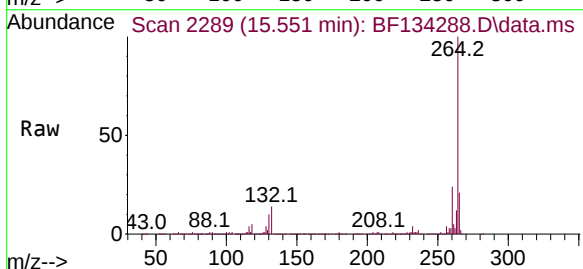
Tgt Ion:264 Resp: 454559

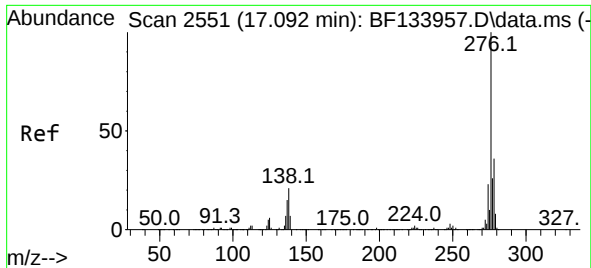
Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.0 16.6 25.0

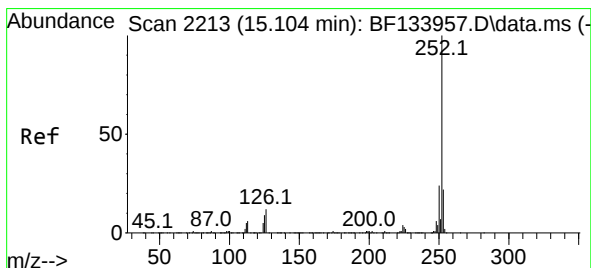
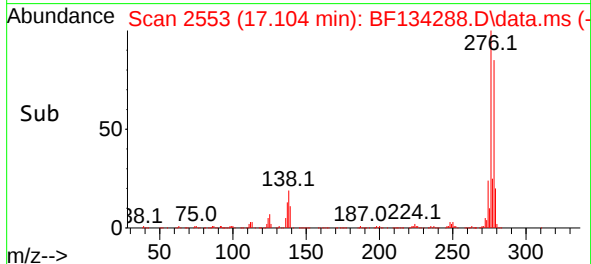
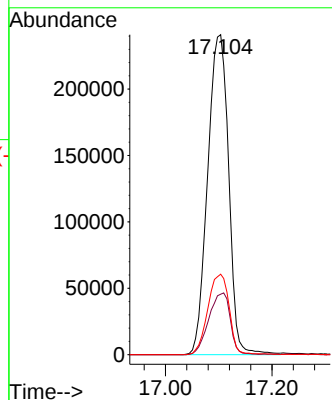
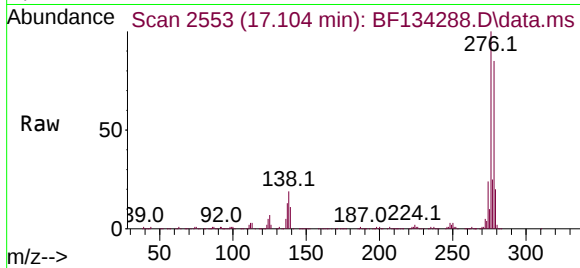




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.889 ng
RT: 17.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

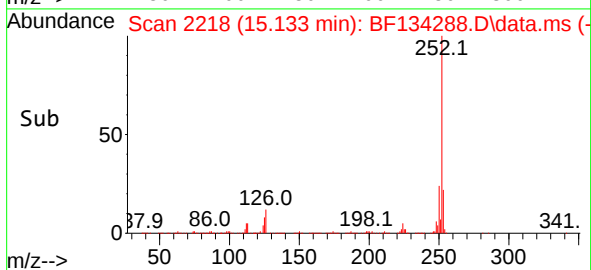
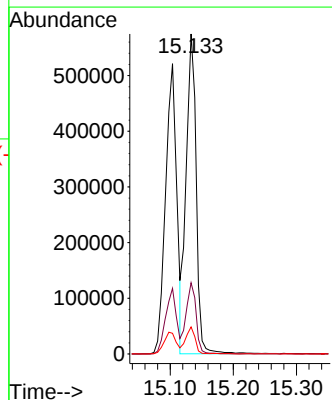
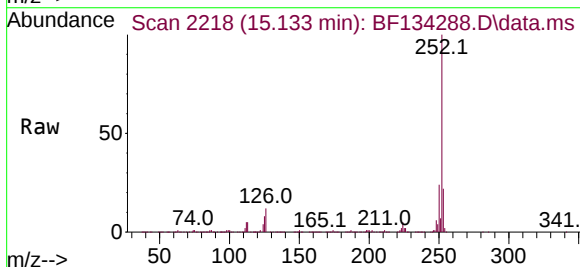
Instrument :
BNA_F
ClientSampleId :
PB154028BS

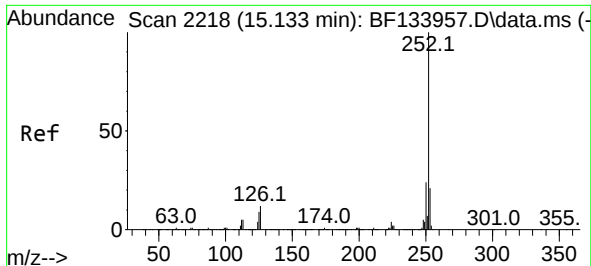
Tgt Ion:276 Resp: 658867
Ion Ratio Lower Upper
276 100
138 19.8 18.7 28.1
277 25.7 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 23.885 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.029 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:252 Resp: 638416
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.5 7.1 10.7

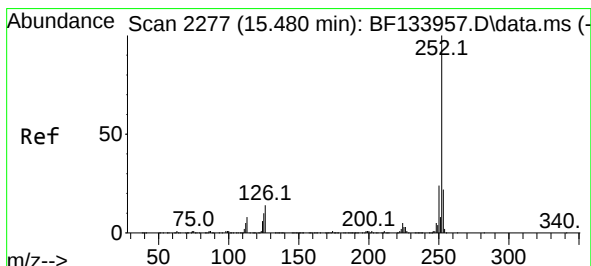
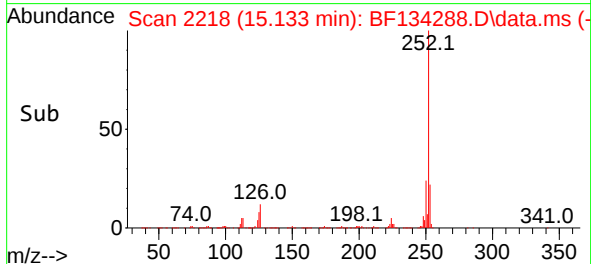
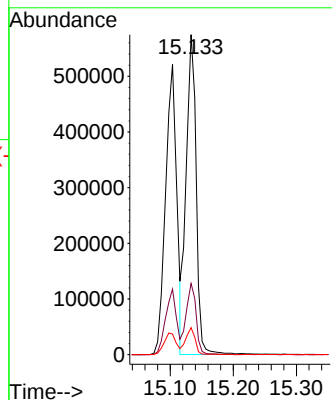
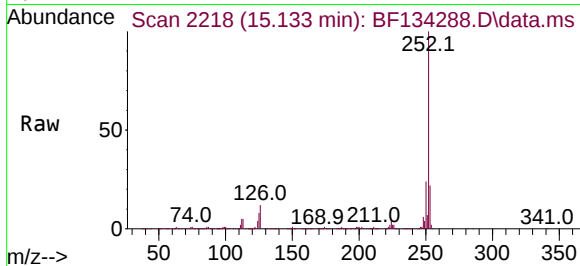




#89
Benzo(k)fluoranthene
Concen: 23.459 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

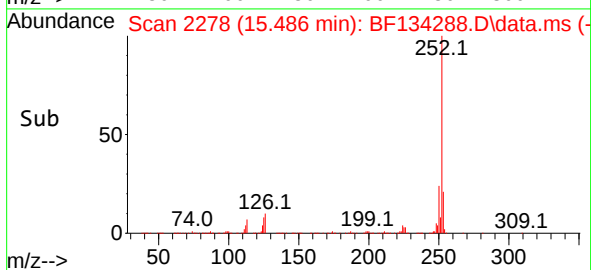
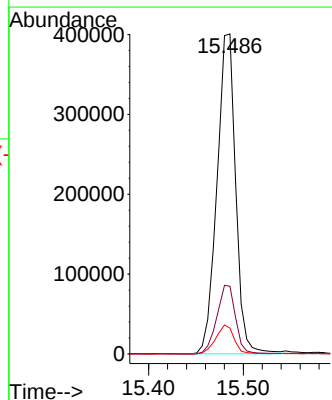
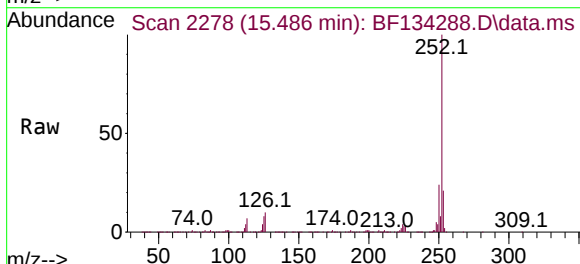
Instrument :
BNA_F
ClientSampleId :
PB154028BS

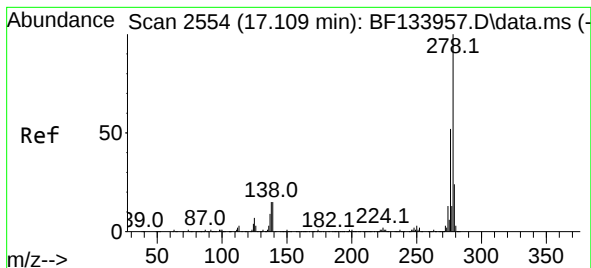
Tgt Ion:252 Resp: 638416
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 8.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 21.358 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134288.D
Acq: 14 Jul 2023 13:37

Tgt Ion:252 Resp: 552027
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 8.1 8.4 12.6#





#91

Dibenzo(a,h)anthracene

Concen: 21.286 ng

RT: 17.115 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB154028BS

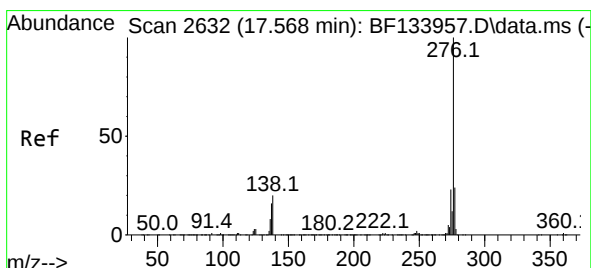
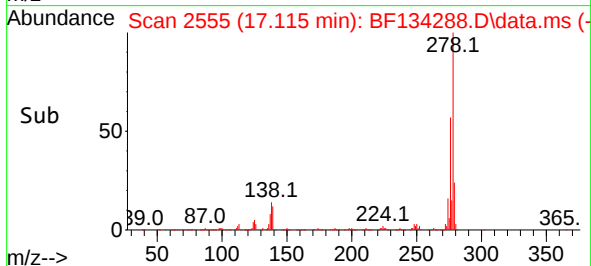
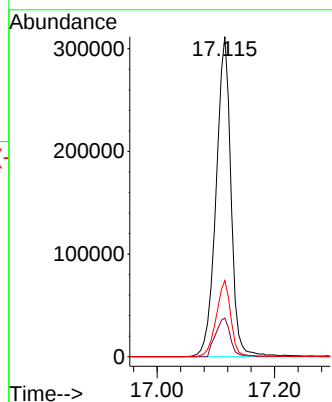
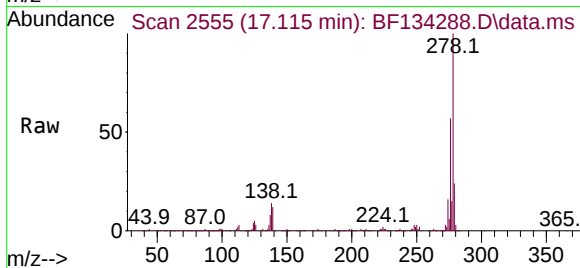
Tgt Ion:278 Resp: 548386

Ion Ratio Lower Upper

278 100

139 12.0 12.2 18.4#

279 23.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 19.993 ng

RT: 17.568 min Scan# 2632

Delta R.T. 0.000 min

Lab File: BF134288.D

Acq: 14 Jul 2023 13:37

Tgt Ion:276 Resp: 531173

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 17.7 16.2 24.2

