

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134285.D
 Acq On : 14 Jul 2023 11:56
 Operator : CG\JU
 Sample : PB154085BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154085BS

Quant Time: Jul 15 00:22:54 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	69516	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	268422	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	137803	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	272678	20.000	ng	0.00
76) Chrysene-d12	14.045	240	218857	20.000	ng	0.00
86) Perylene-d12	15.545	264	211961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	405149	97.491	ng	0.01
7) Phenol-d6	6.487	99	489018	95.684	ng	0.00
23) Nitrobenzene-d5	7.410	82	339860	68.252	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	201109	116.398	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	692466	73.059	ng	0.00
79) Terphenyl-d14	12.974	244	923279	67.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	37380	21.815	ng	99
3) Pyridine	3.446	79	96200	21.553	ng	96
4) n-Nitrosodimethylamine	3.387	42	74185	29.102	ng	# 99
6) Aniline	6.510	93	200325	32.211	ng	97
8) 2-Chlorophenol	6.628	128	148942	35.306	ng	99
9) Benzaldehyde	6.398	77	88925	29.532	ng	94
10) Phenol	6.498	94	186478	34.703	ng	93
11) bis(2-Chloroethyl)ether	6.581	93	128844	32.568	ng	95
12) 1,3-Dichlorobenzene	6.781	146	153961	34.233	ng	98
13) 1,4-Dichlorobenzene	6.863	146	154988	34.118	ng	98
14) 1,2-Dichlorobenzene	7.010	146	149882	35.230	ng	99
15) Benzyl Alcohol	6.987	79	139497	35.406	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	214601	30.662	ng	93
17) 2-Methylphenol	7.098	107	125191	33.140	ng	97
18) Hexachloroethane	7.351	117	60765	36.076	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	112745	34.786	ng	98
20) 3+4-Methylphenols	7.251	107	158597	34.606	ng	96
22) Acetophenone	7.251	105	217419	35.616	ng	# 99
24) Nitrobenzene	7.428	77	166381	33.065	ng	96
25) Isophorone	7.663	82	300775	33.235	ng	99
26) 2-Nitrophenol	7.739	139	82680	34.252	ng	89
27) 2,4-Dimethylphenol	7.781	122	134159	35.111	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	172261	32.873	ng	97
29) 2,4-Dichlorophenol	7.986	162	130726	34.502	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	135315	34.611	ng	98
31) Naphthalene	8.145	128	432903	33.389	ng	99
32) Benzoic acid	7.898	122	95658	33.409	ng	92
33) 4-Chloroaniline	8.198	127	136034	24.527	ng	98
34) Hexachlorobutadiene	8.257	225	88613	35.931	ng	98
35) Caprolactam	8.569	113	30933	24.795	ng	93
36) 4-Chloro-3-methylphenol	8.681	107	155836	36.611	ng	95
37) 2-Methylnaphthalene	8.839	142	303540	33.106	ng	98
38) 1-Methylnaphthalene	8.939	142	281721	33.052	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	145697	35.687	ng	99
41) Hexachlorocyclopentadiene	8.986	237	133906	69.135	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	98246	35.350	ng	99

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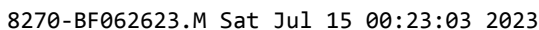
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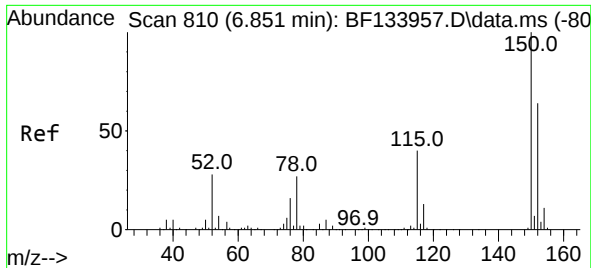
Quant Time: Jul 15 00:22:54 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	106164	32.475	ng	97
46) 1,1'-Biphenyl	9.304	154	385253	34.852	ng	98
47) 2-Chloronaphthalene	9.328	162	288438	35.663	ng	98
48) 2-Nitroaniline	9.428	65	103550	35.130	ng	98
49) Acenaphthylene	9.745	152	486312	35.199	ng	99
50) Dimethylphthalate	9.604	163	358528	35.842	ng	99
51) 2,6-Dinitrotoluene	9.675	165	79098	36.713	ng	98
52) Acenaphthene	9.916	154	284614	35.502	ng	98
53) 3-Nitroaniline	9.845	138	76159	29.465	ng	99
54) 2,4-Dinitrophenol	9.957	184	88051	71.212	ng	94
55) Dibenzofuran	10.092	168	441232	35.217	ng	99
56) 4-Nitrophenol	10.016	139	120343	66.563	ng	95
57) 2,4-Dinitrotoluene	10.080	165	107136	37.653	ng	95
58) Fluorene	10.433	166	356747	36.599	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	94299	36.569	ng	99
60) Diethylphthalate	10.310	149	383328	36.782	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	172069	36.630	ng	99
62) 4-Nitroaniline	10.463	138	88058	33.805	ng	91
63) Azobenzene	10.586	77	345736	35.071	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	59670	40.138	ng	89
66) n-Nitrosodiphenylamine	10.545	169	312493	35.869	ng	97
67) 4-Bromophenyl-phenylether	10.922	248	107771	37.185	ng	96
68) Hexachlorobenzene	10.986	284	125609	40.819	ng	96
69) Atrazine	11.080	200	107995	44.814	ng	98
70) Pentachlorophenol	11.186	266	120671	65.584	ng	97
71) Phenanthrene	11.404	178	516524	37.628	ng	100
72) Anthracene	11.457	178	531864	37.251	ng	99
73) Carbazole	11.616	167	507985	38.871	ng	100
74) Di-n-butylphthalate	11.939	149	628938	40.470	ng	99
75) Fluoranthene	12.598	202	589816	39.744	ng	99
77) Benzidine	12.727	184	395244	75.898	ng	99
78) Pyrene	12.833	202	600943	29.505	ng	99
80) Butylbenzylphthalate	13.451	149	266001	34.822	ng	99
81) Benzo(a)anthracene	14.033	228	546949	36.035	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	179107	37.246	ng	98
83) Chrysene	14.068	228	517267	35.186	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	363747	41.441	ng	99
85) Di-n-octyl phthalate	14.633	149	613243	47.548	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	504135	34.276	ng	97
88) Benzo(b)fluoranthene	15.104	252	492322	39.501	ng	98
89) Benzo(k)fluoranthene	15.133	252	499742	39.382	ng	99
90) Benzo(a)pyrene	15.486	252	428936	35.590	ng	# 98
91) Dibenzo(a,h)anthracene	17.115	278	418159	34.808	ng	95
92) Benzo(g,h,i)perylene	17.568	276	401254	32.389	ng	# 95

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

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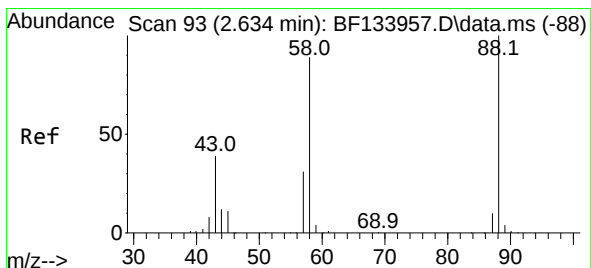
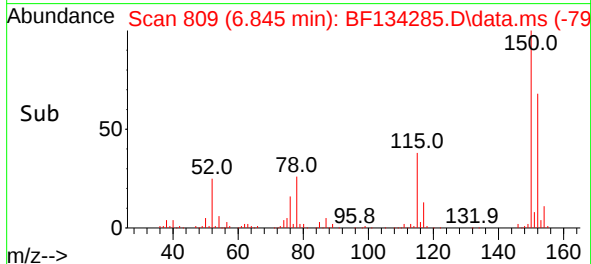
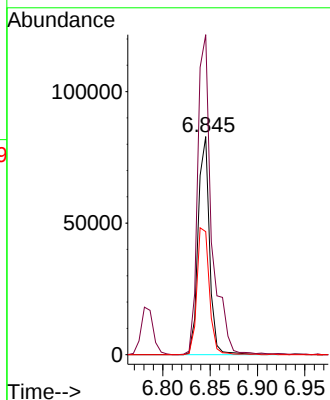
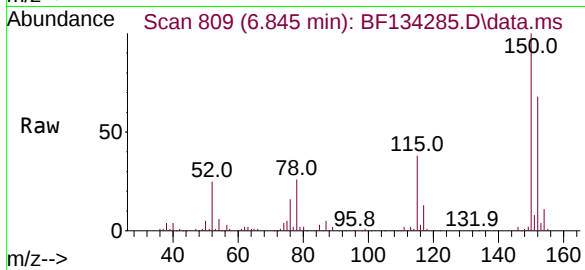




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF134285.D
 Acq: 14 Jul 2023 11:56

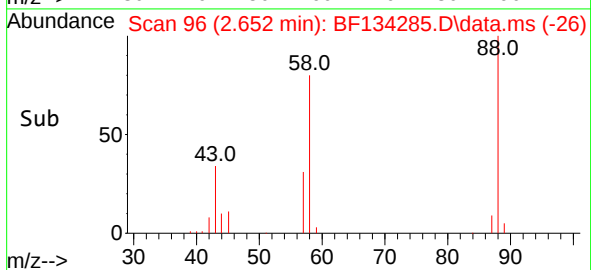
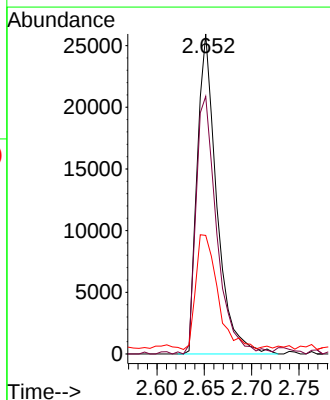
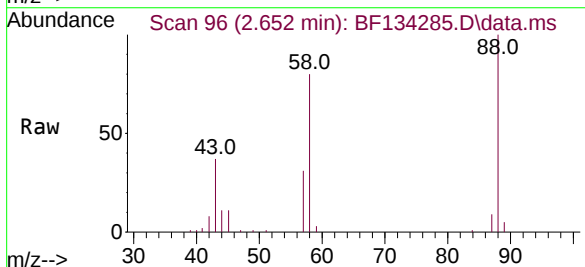
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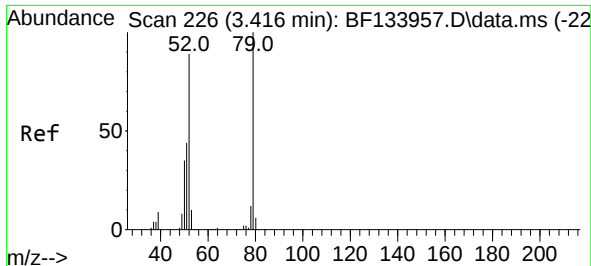
Tgt Ion:152 Resp: 69516
 Ion Ratio Lower Upper
 152 100
 150 146.7 124.5 186.7
 115 56.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 21.815 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.059 min
 Lab File: BF134285.D
 Acq: 14 Jul 2023 11:56

Tgt Ion: 88 Resp: 37380
 Ion Ratio Lower Upper
 88 100
 58 85.5 68.8 103.2
 43 40.1 30.7 46.1





#3

Pyridine

Concen: 21.553 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

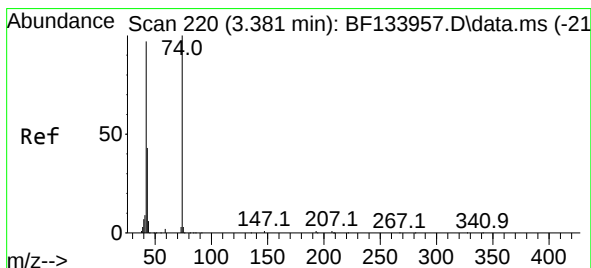
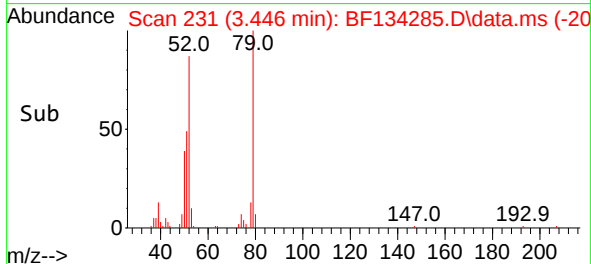
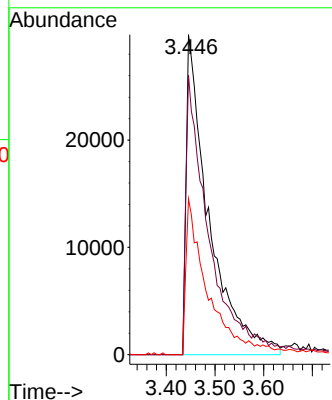
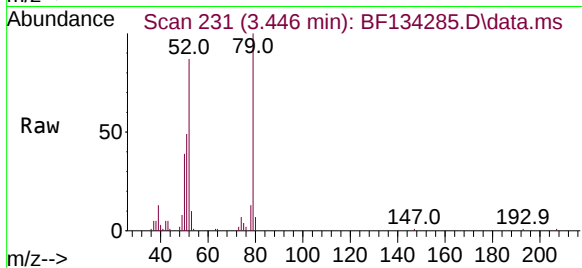
Tgt Ion: 79 Resp: 96200

Ion Ratio Lower Upper

79 100

52 87.3 71.1 106.7

51 48.7 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 29.102 ng

RT: 3.387 min Scan# 221

Delta R.T. 0.047 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

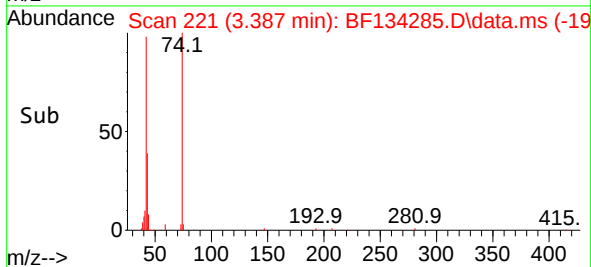
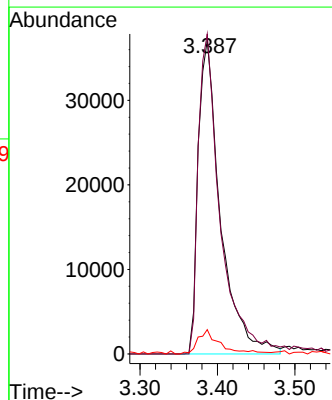
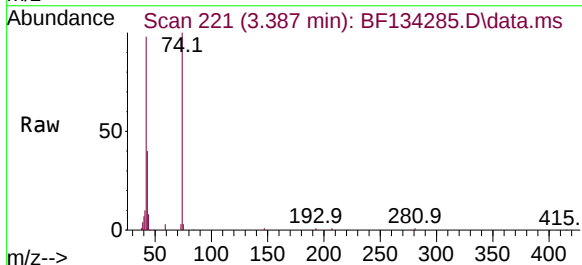
Tgt Ion: 42 Resp: 74185

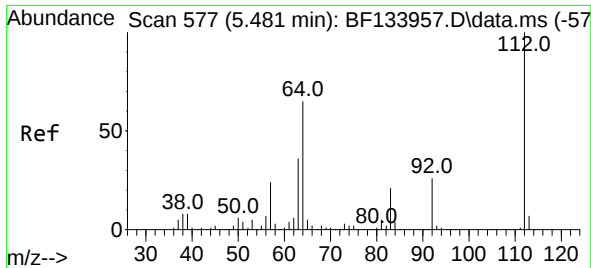
Ion Ratio Lower Upper

42 100

74 102.1 82.4 123.6

44 7.7 4.9 7.3#

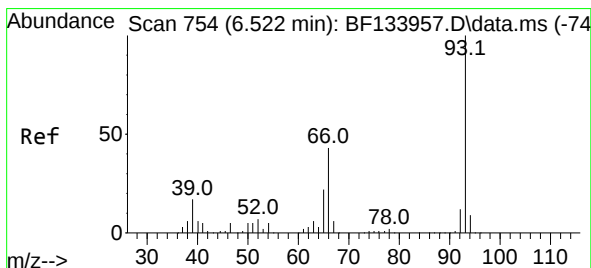
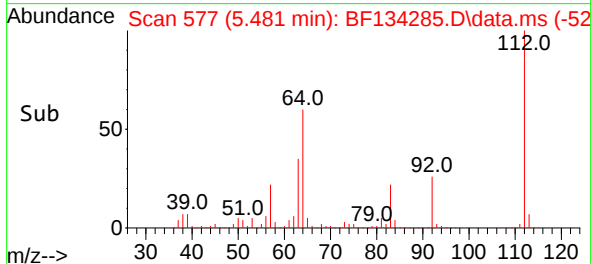
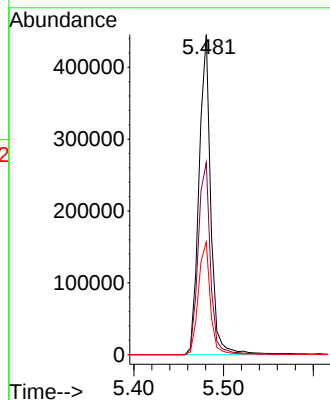
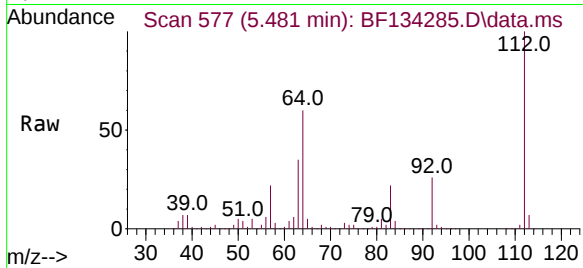




#5
2-Fluorophenol
Concen: 97.491 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

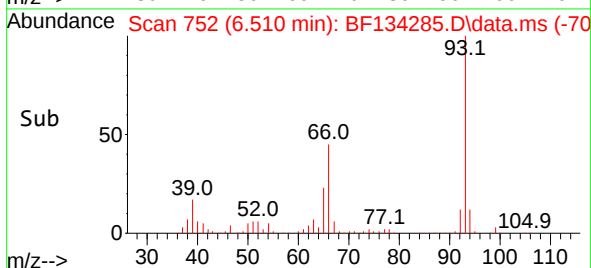
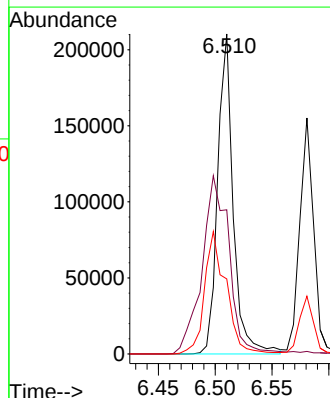
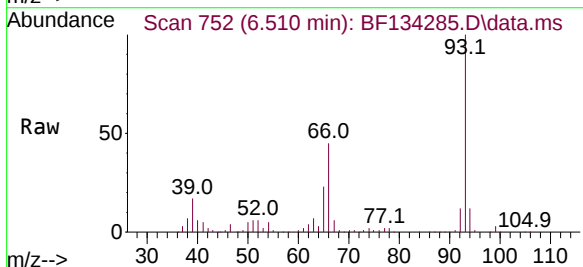
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Tgt Ion:112 Resp: 405149
Ion Ratio Lower Upper
112 100
64 60.1 52.1 78.1
63 35.2 28.6 42.8



#6
Aniline
Concen: 32.211 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion: 93 Resp: 200325
Ion Ratio Lower Upper
93 100
66 45.1 34.5 51.7
65 23.5 17.8 26.6

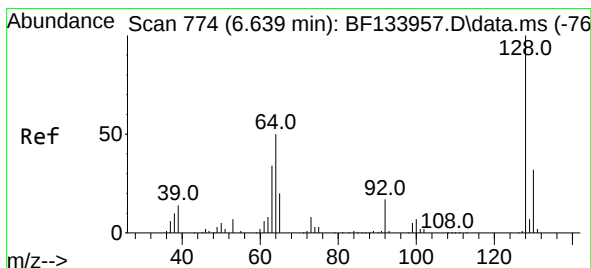
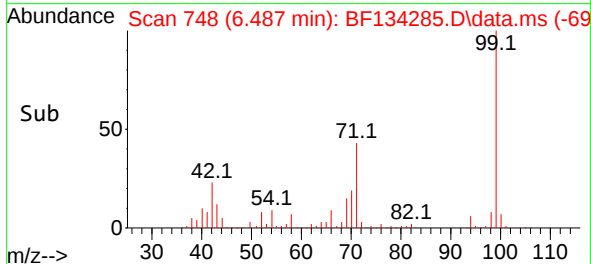
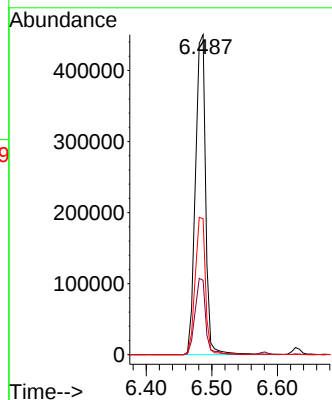
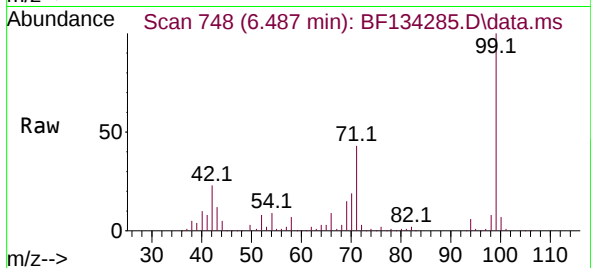




#7
Phenol-d6
Concen: 95.684 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

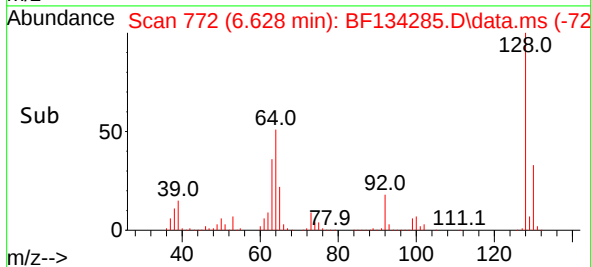
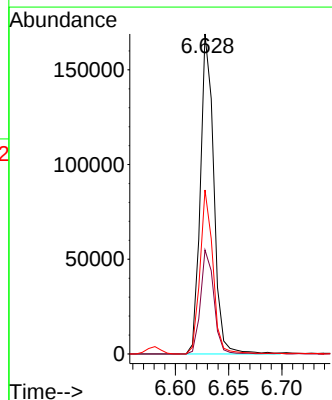
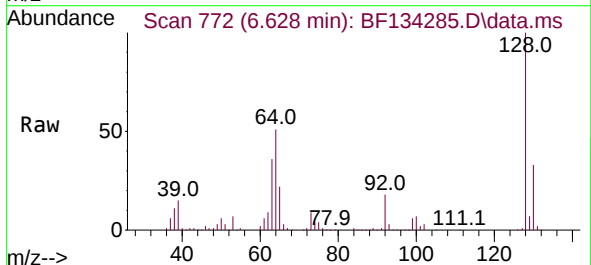
Instrument :
BNA_F
ClientSampleId :
PB154085BS

Tgt Ion: 99 Resp: 489018
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 42.5 31.9 47.9



#8
2-Chlorophenol
Concen: 35.306 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion: 128 Resp: 148942
Ion Ratio Lower Upper
128 100
130 32.5 11.7 51.7
64 51.3 31.3 71.3





#9

Benzaldehyde

Concen: 29.532 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

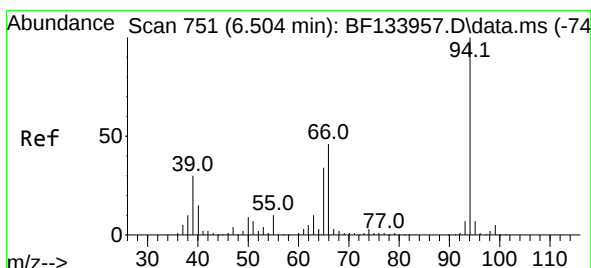
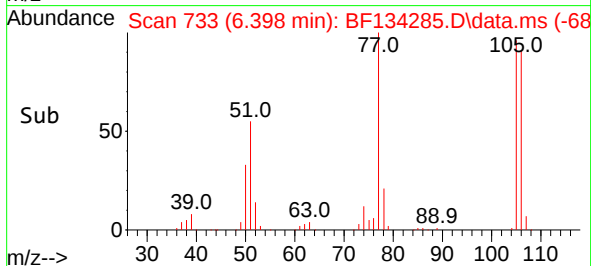
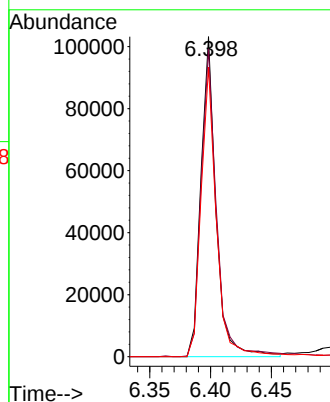
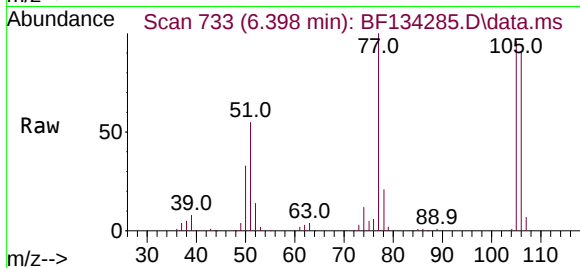
Tgt Ion: 77 Resp: 88925

Ion Ratio Lower Upper

77 100

105 96.2 82.0 122.0

106 90.5 76.9 116.9



#10

Phenol

Concen: 34.703 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

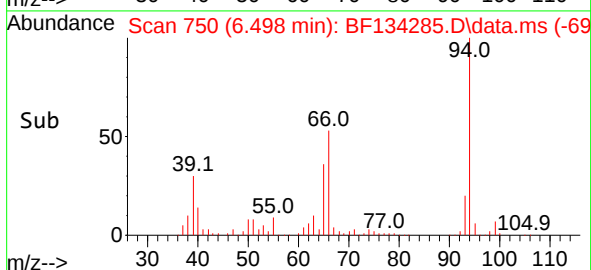
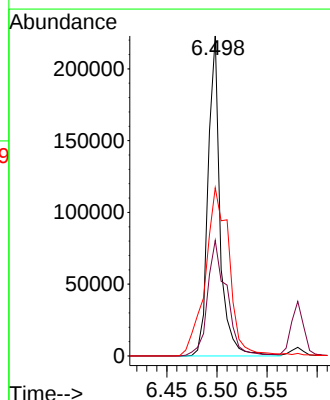
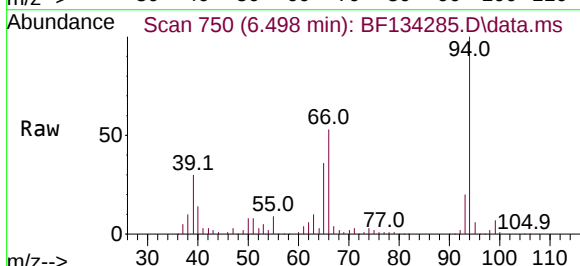
Tgt Ion: 94 Resp: 186478

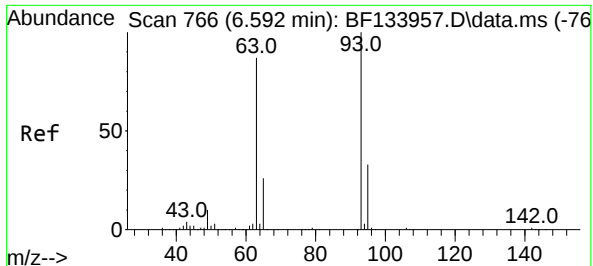
Ion Ratio Lower Upper

94 100

65 36.1 14.2 54.2

66 52.6 26.4 66.4

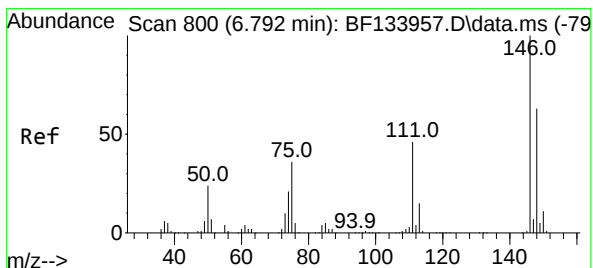
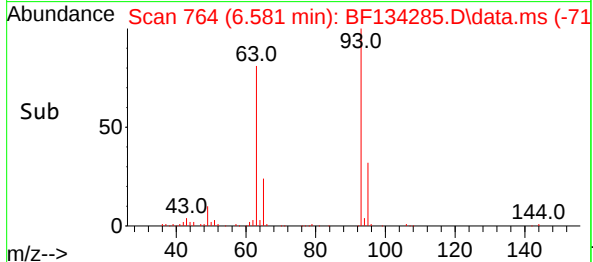
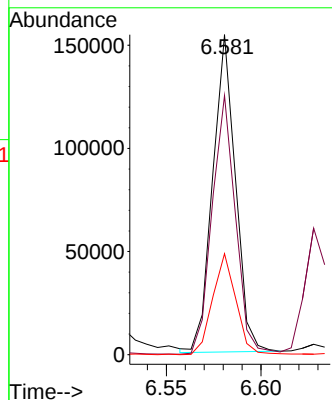
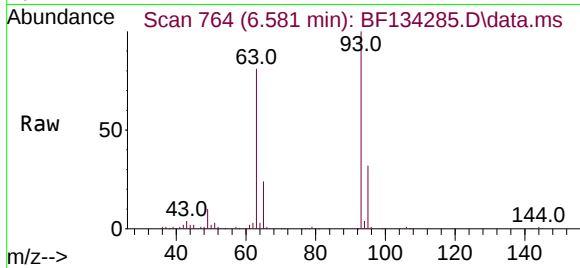




#11
bis(2-Chloroethyl)ether
Concen: 32.568 ng
RT: 6.581 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

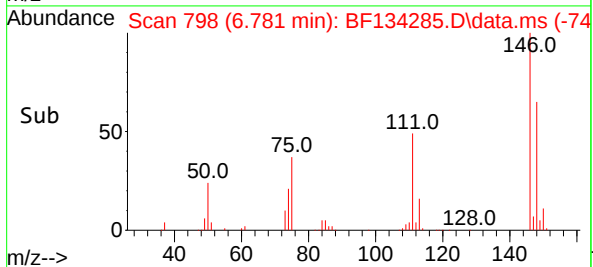
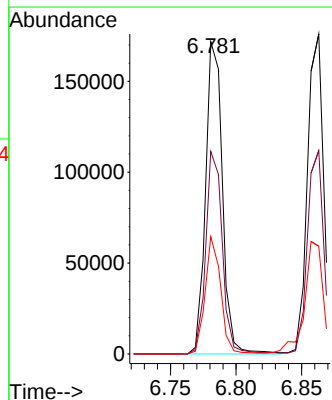
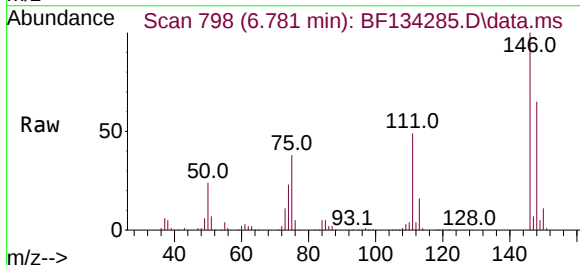
Instrument :
BNA_F
ClientSampleId :
PB154085BS

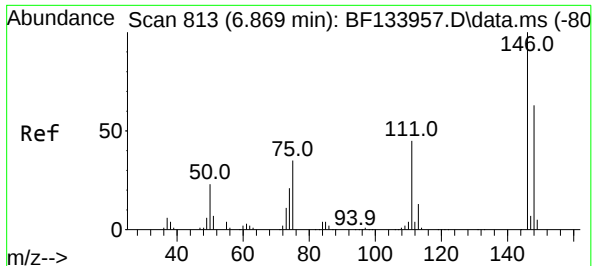
Tgt Ion: 93 Resp: 128844
Ion Ratio Lower Upper
93 100
63 81.0 66.5 106.5
95 31.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 34.233 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion: 146 Resp: 153961
Ion Ratio Lower Upper
146 100
148 64.8 50.5 75.7
75 37.6 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 34.118 ng

RT: 6.863 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

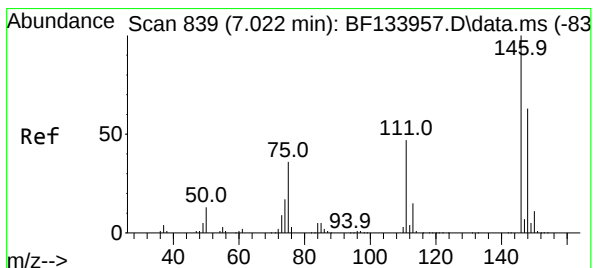
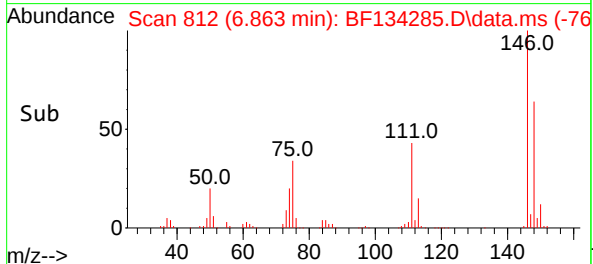
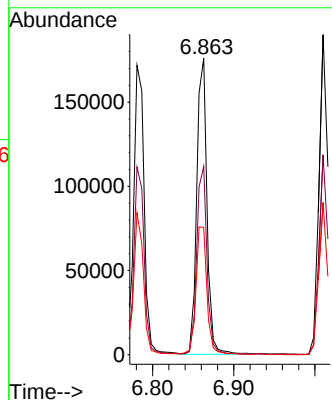
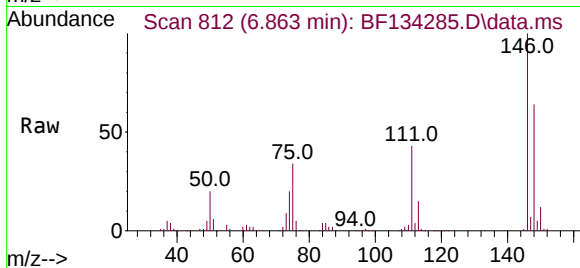
Tgt Ion:146 Resp: 154988

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

111 42.9 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 35.230 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

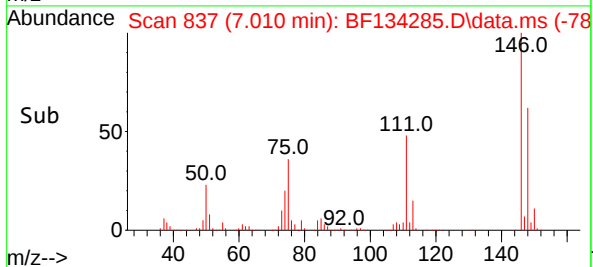
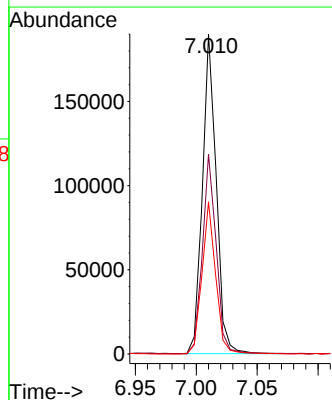
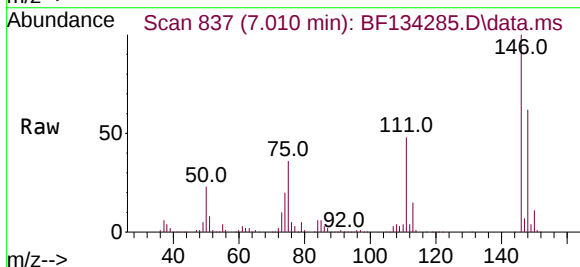
Tgt Ion:146 Resp: 149882

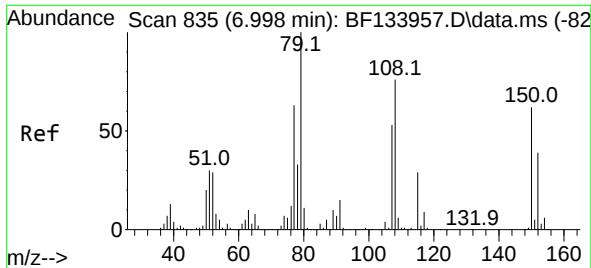
Ion Ratio Lower Upper

146 100

148 62.4 50.6 76.0

111 47.5 38.0 57.0

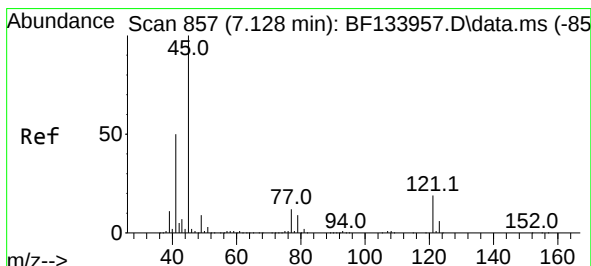
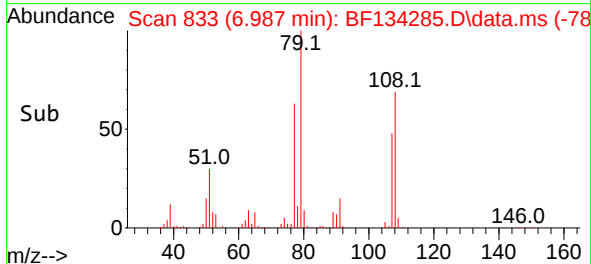
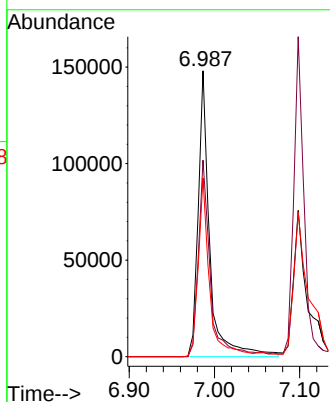
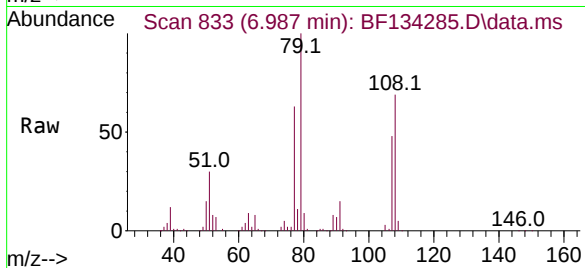




#15
Benzyl Alcohol
Concen: 35.406 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

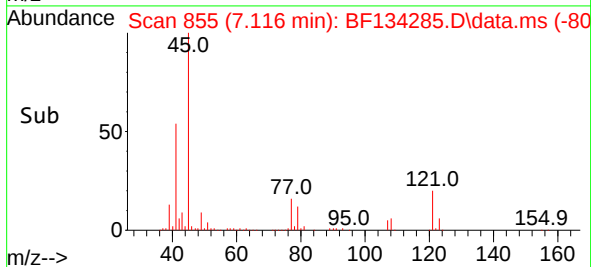
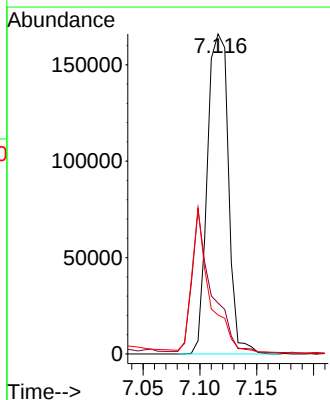
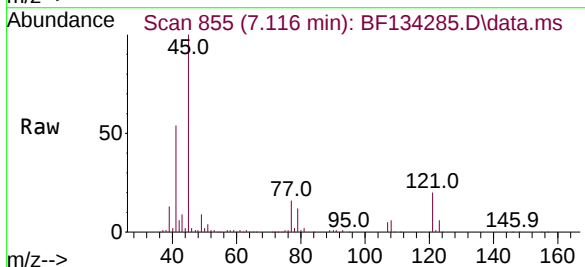
Instrument :
BNA_F
ClientSampleId :
PB154085BS

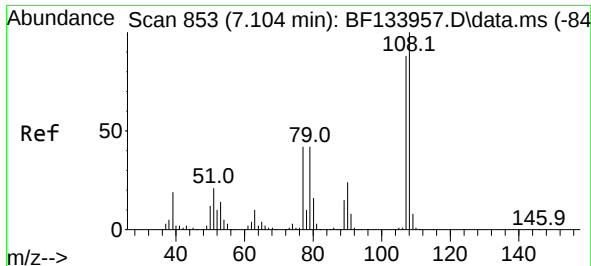
Tgt Ion: 79 Resp: 139497
Ion Ratio Lower Upper
79 100
108 68.8 60.7 91.1
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.662 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion: 45 Resp: 214601
Ion Ratio Lower Upper
45 100
77 15.9 0.0 32.9
79 12.2 0.0 29.5

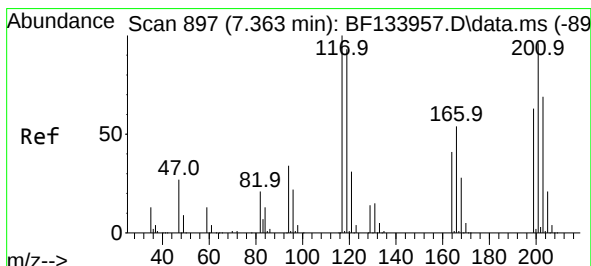
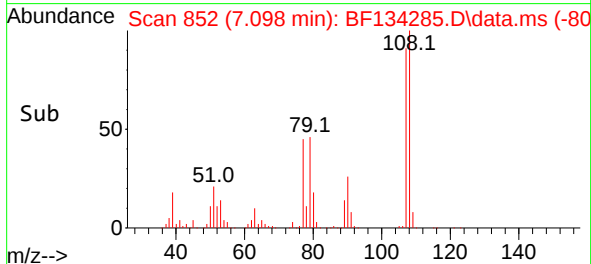
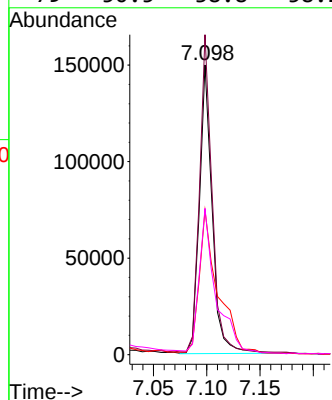
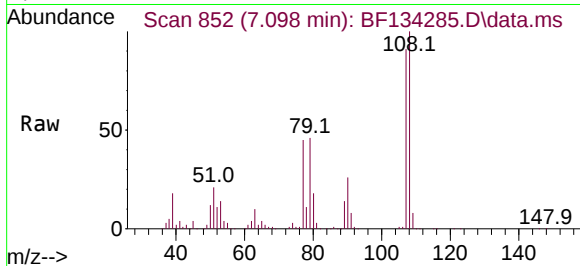




#17
2-Methylphenol
Concen: 33.140 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

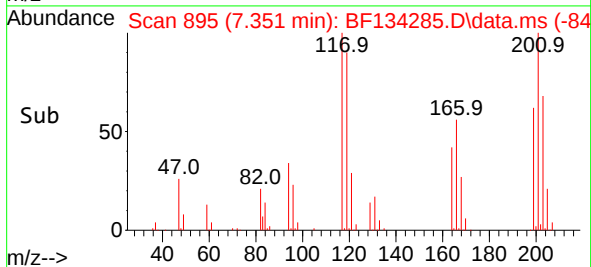
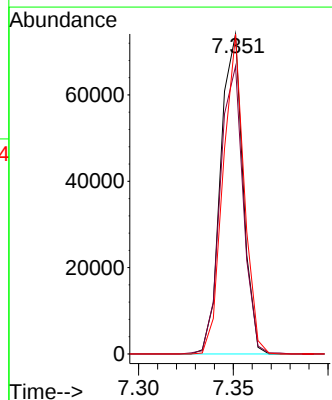
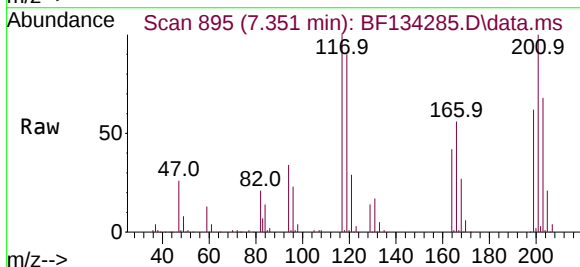
Instrument :
BNA_F
ClientSampleId :
PB154085BS

Tgt Ion:	107	Resp:	125191
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.6	136.0
77	49.9	38.3	57.5
79	50.5	38.8	58.2



#18
Hexachloroethane
Concen: 36.076 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:	117	Resp:	60765
Ion	Ratio	Lower	Upper
117	100		
119	89.9	74.2	111.4
201	99.9	77.2	115.8



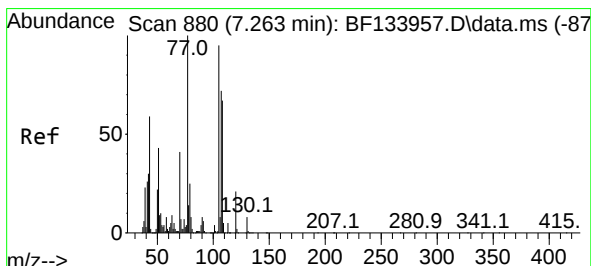
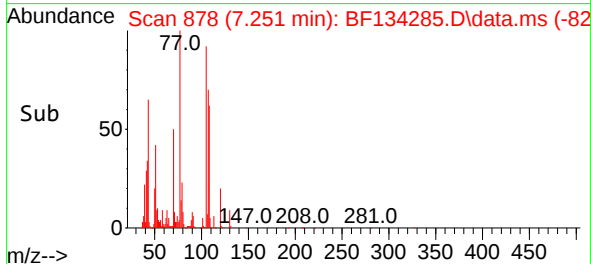
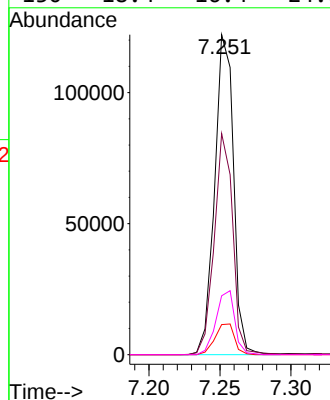
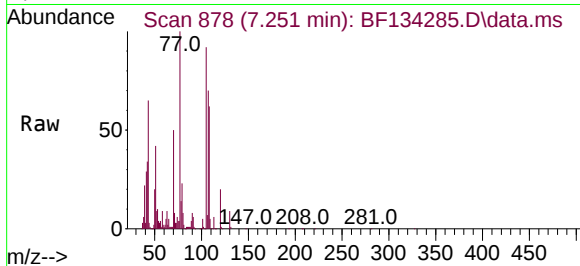


#19
n-Nitroso-di-n-propylamine
Concen: 34.786 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB154085BS

Tgt Ion: 70 Resp: 112745

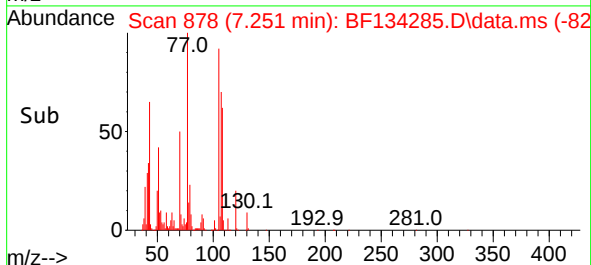
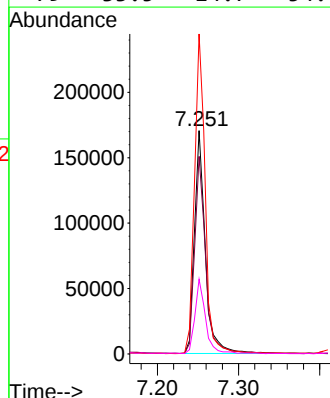
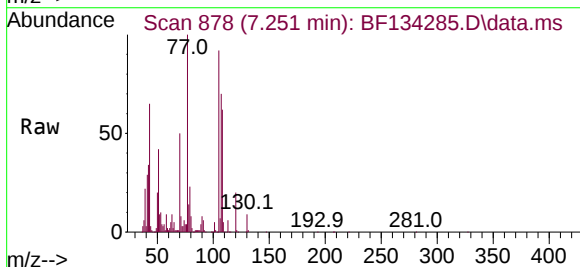
Ion	Ratio	Lower	Upper
70	100		
42	69.1	54.7	82.1
101	9.4	7.7	11.5
130	18.4	16.4	24.6

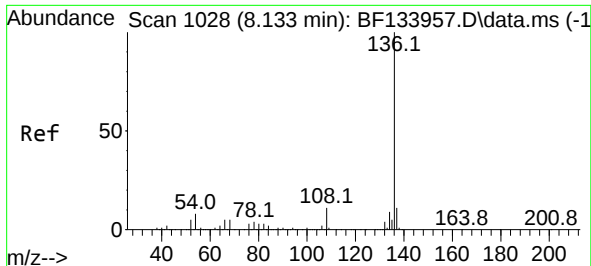


#20
3+4-Methylphenols
Concen: 34.606 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion: 107 Resp: 158597

Ion	Ratio	Lower	Upper
107	100		
108	88.5	73.2	113.2
77	143.3	118.3	158.3
79	33.5	14.7	54.7



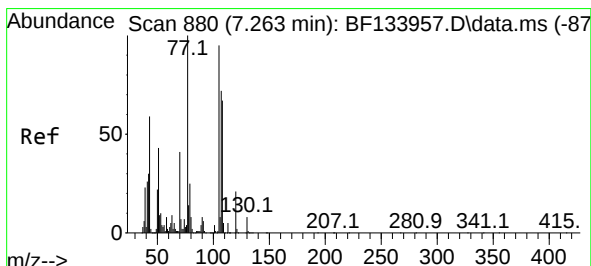
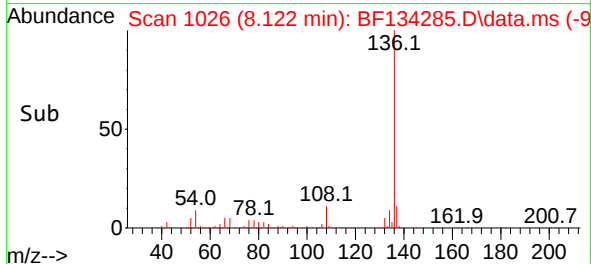
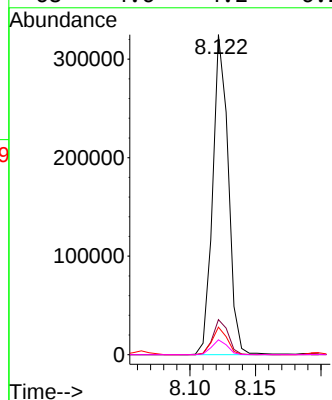
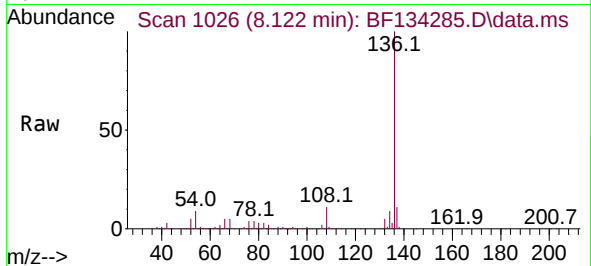


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB154085BS

Tgt Ion:136 Resp: 268422

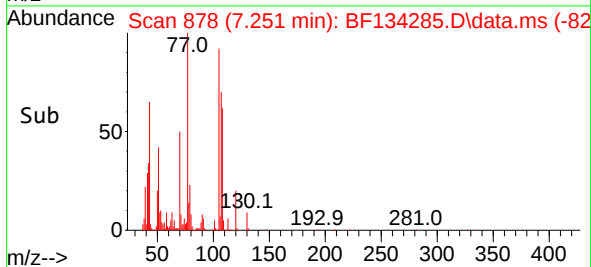
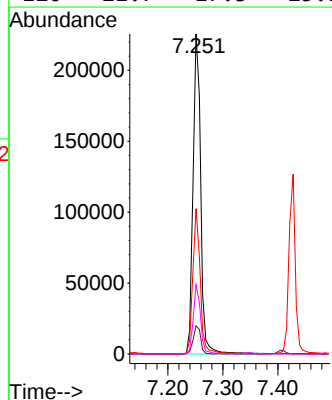
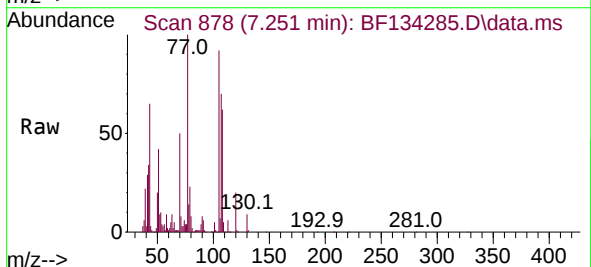
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.6	6.5	9.7
68	4.6	4.2	6.2

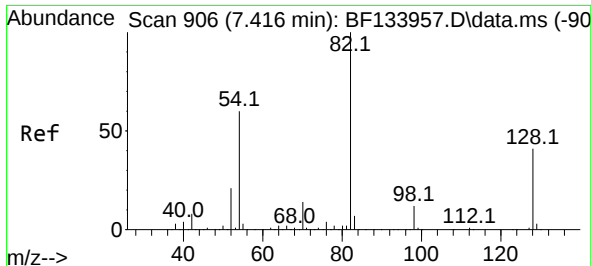


#22
Acetophenone
Concen: 35.616 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:105 Resp: 217419

Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.5	8.3#
51	45.4	36.5	54.7
120	21.7	17.3	25.9





#23

Nitrobenzene-d5

Concen: 68.252 ng

RT: 7.410 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

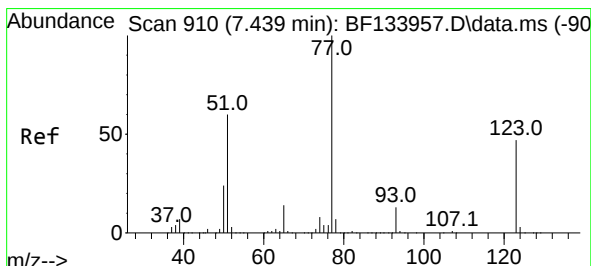
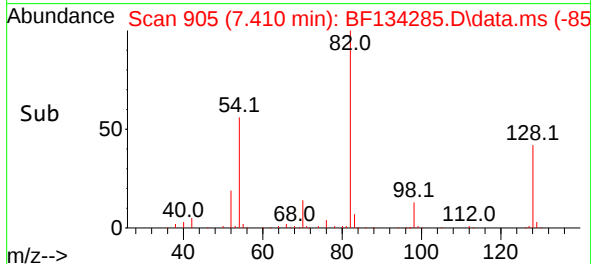
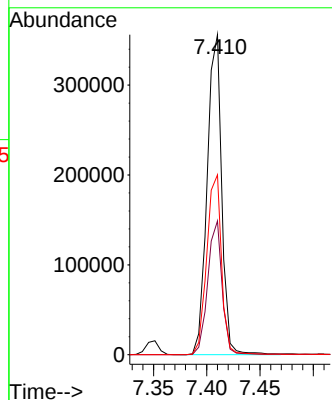
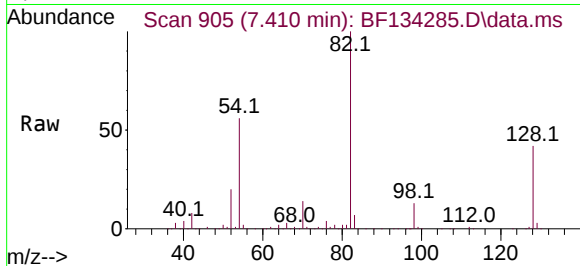
Tgt Ion: 82 Resp: 339860

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 56.2 48.2 72.2



#24

Nitrobenzene

Concen: 33.065 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

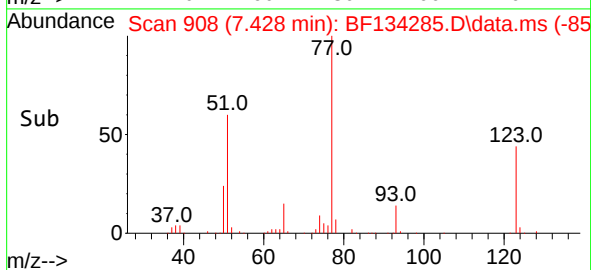
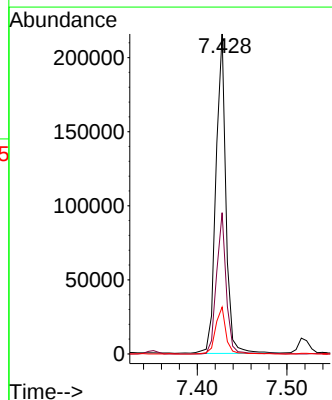
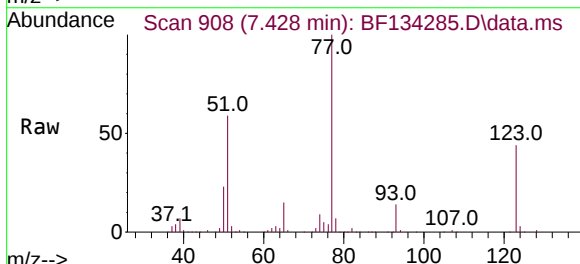
Tgt Ion: 77 Resp: 166381

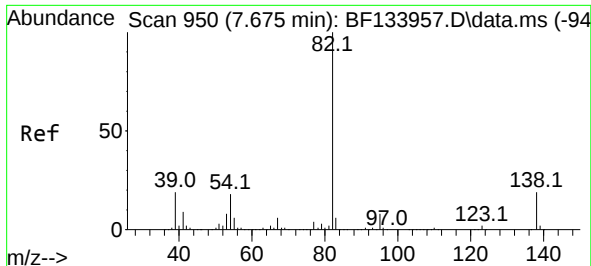
Ion Ratio Lower Upper

77 100

123 44.2 37.8 56.6

65 14.6 11.3 16.9

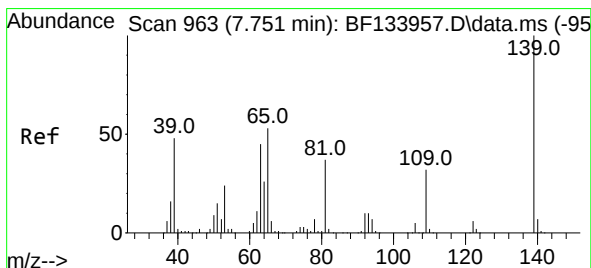
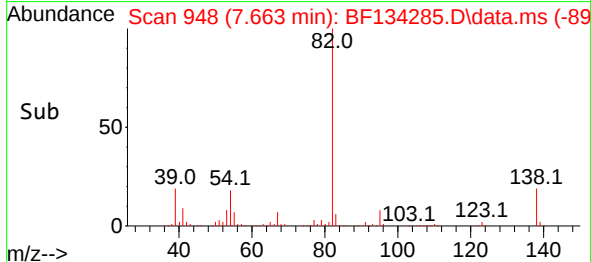
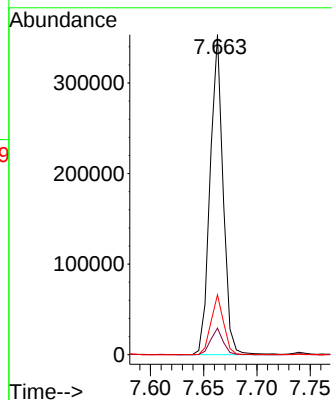
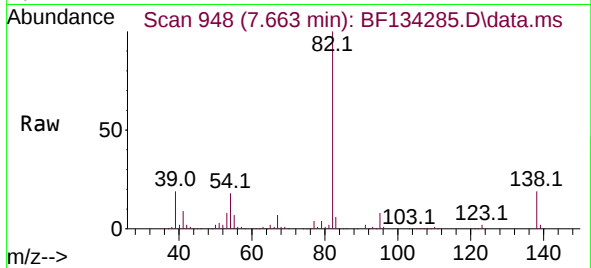




#25
Isophorone
Concen: 33.235 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

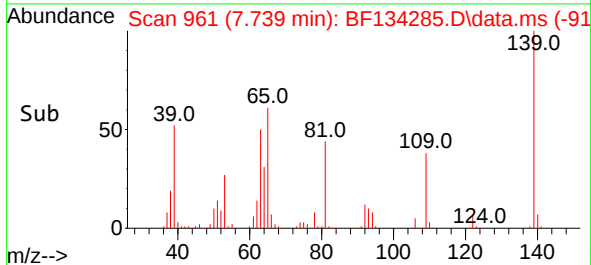
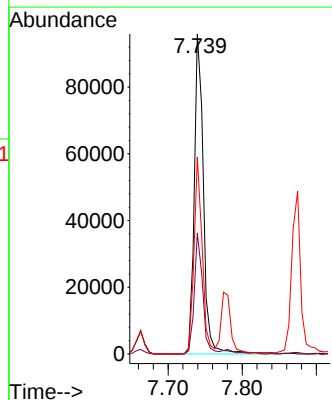
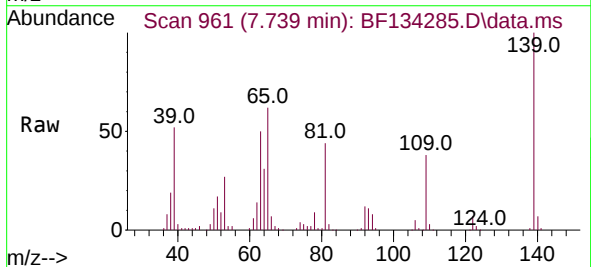
Instrument :
BNA_F
ClientSampleId :
PB154085BS

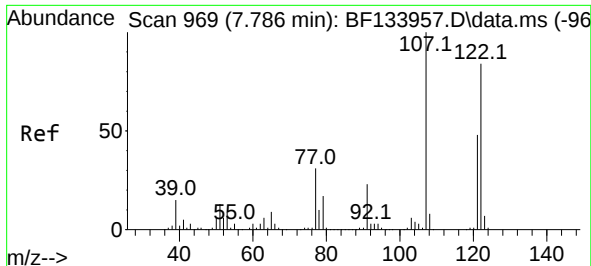
Tgt Ion: 82 Resp: 300775
Ion Ratio Lower Upper
82 100
95 8.3 6.1 9.1
138 18.7 15.2 22.8



#26
2-Nitrophenol
Concen: 34.252 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:139 Resp: 82680
Ion Ratio Lower Upper
139 100
109 37.7 25.8 38.8
65 61.5 42.4 63.6

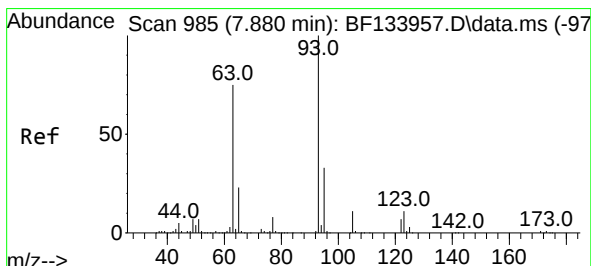
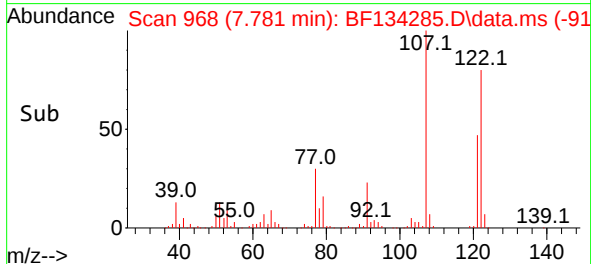
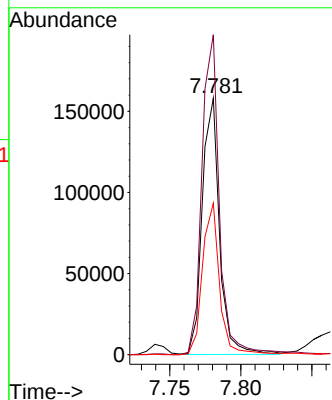
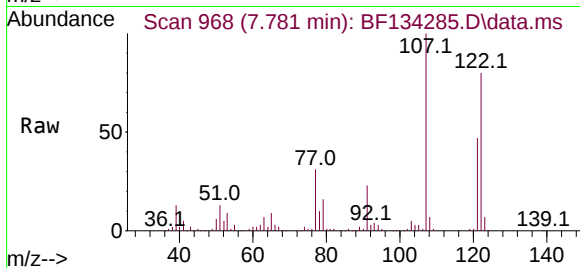




#27
2,4-Dimethylphenol
Concen: 35.111 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

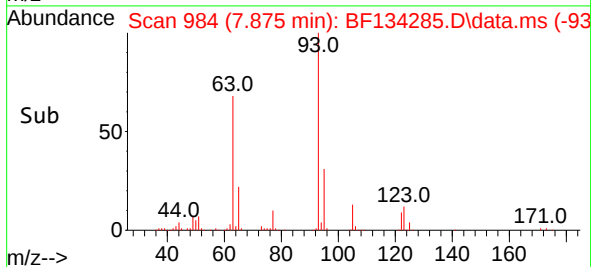
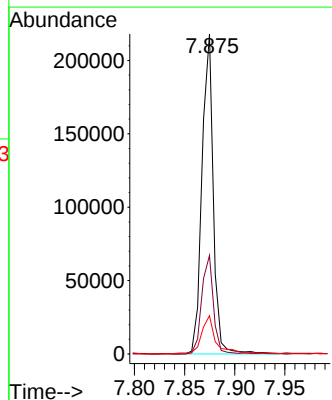
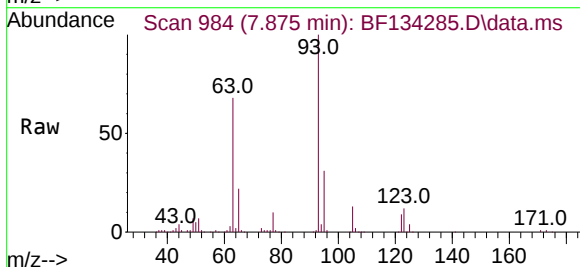
Instrument :
BNA_F
ClientSampleId :
PB154085BS

Tgt Ion:122 Resp: 134159
Ion Ratio Lower Upper
122 100
107 124.7 95.5 143.3
121 59.0 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 32.873 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion: 93 Resp: 172261
Ion Ratio Lower Upper
93 100
95 30.8 26.5 39.7
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 34.502 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

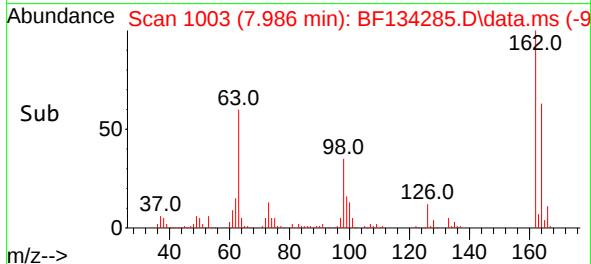
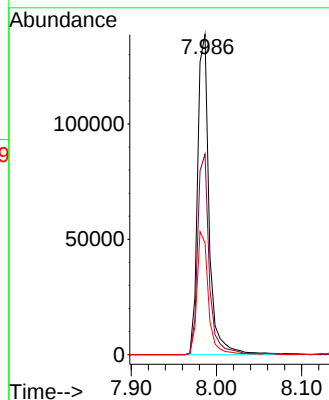
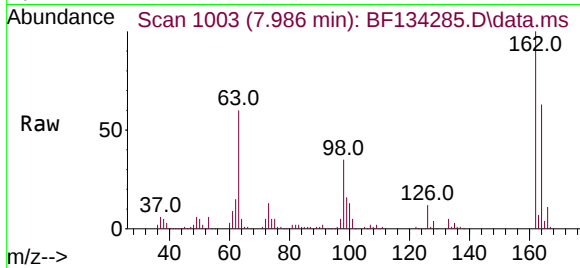
Tgt Ion:162 Resp: 130726

Ion Ratio Lower Upper

162 100

164 62.7 43.2 83.2

98 35.0 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 34.611 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

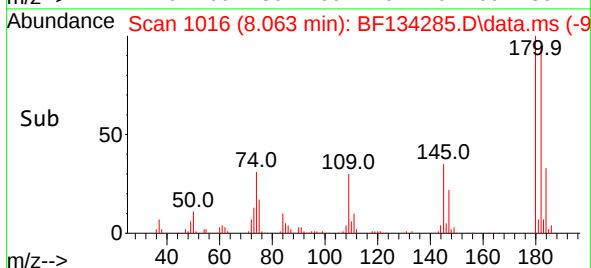
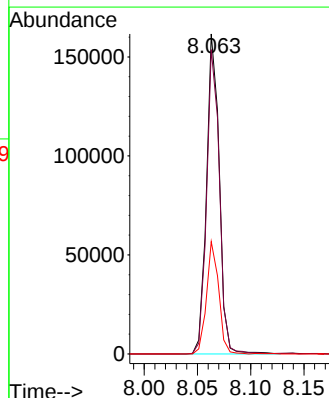
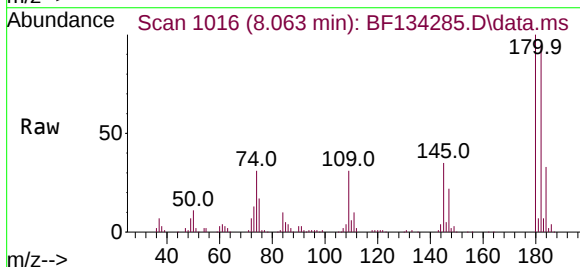
Tgt Ion:180 Resp: 135315

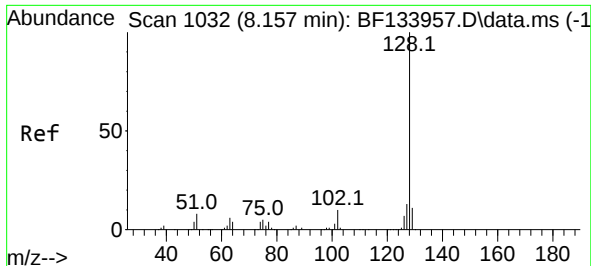
Ion Ratio Lower Upper

180 100

182 95.1 77.1 115.7

145 35.1 26.0 39.0

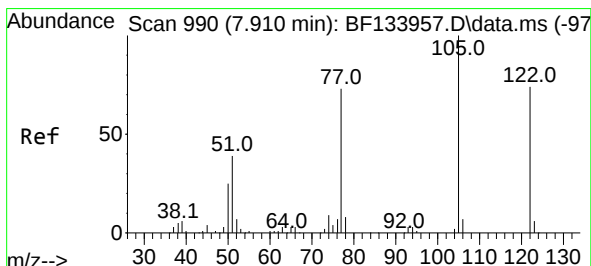
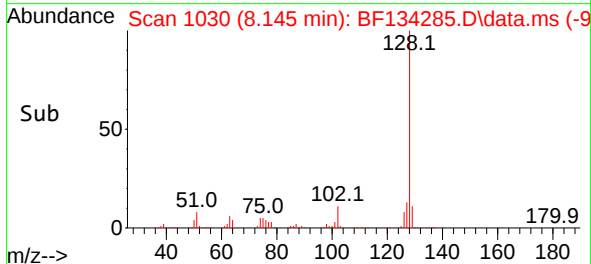
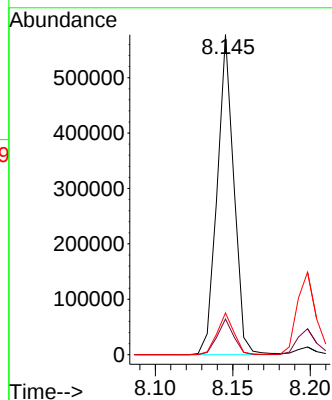
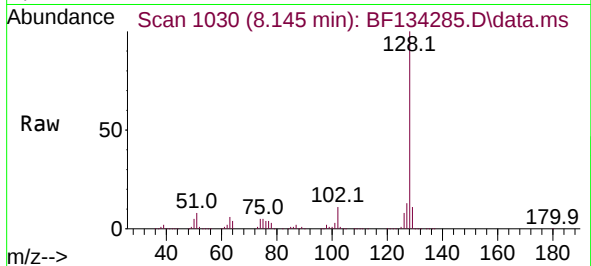




#31
Naphthalene
Concen: 33.389 ng
RT: 8.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

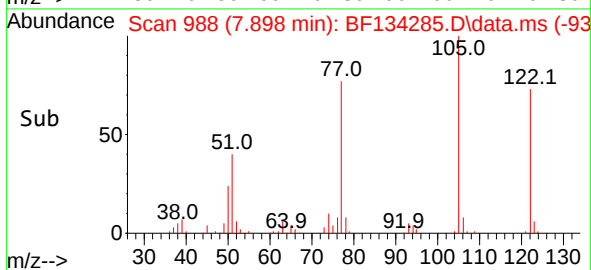
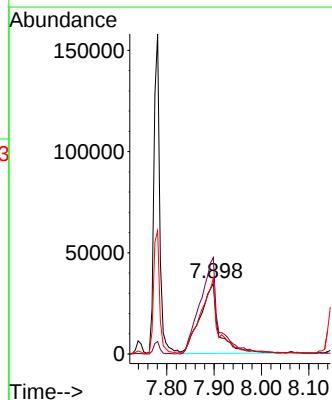
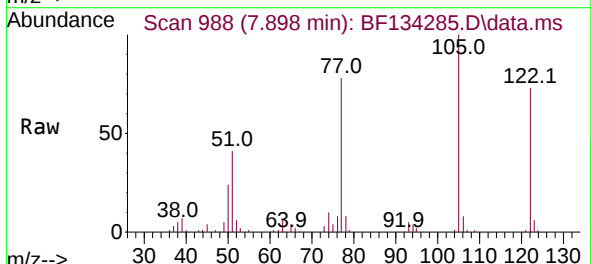
Instrument :
BNA_F
ClientSampleId :
PB154085BS

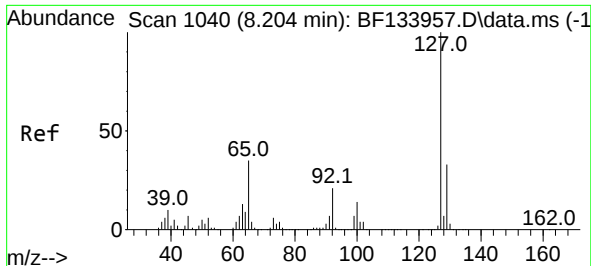
Tgt Ion:128 Resp: 432903
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 33.409 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:122 Resp: 95658
Ion Ratio Lower Upper
122 100
105 136.7 109.7 149.7
77 106.4 76.0 116.0

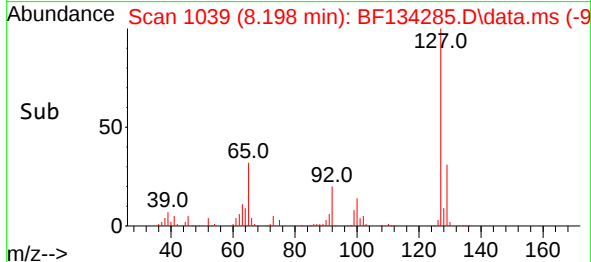
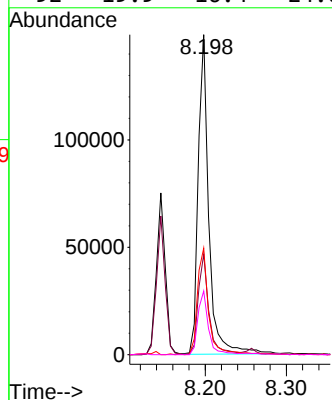
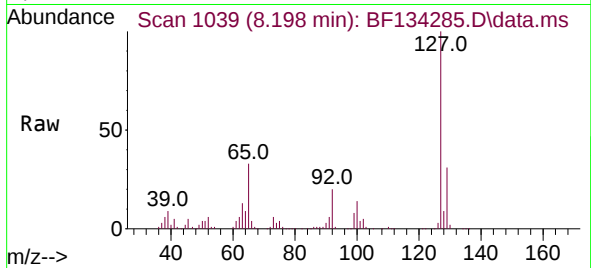




#33
4-Chloroaniline
Concen: 24.527 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

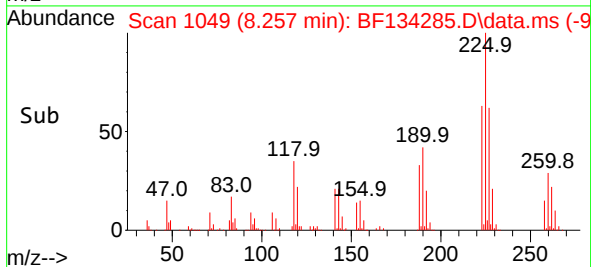
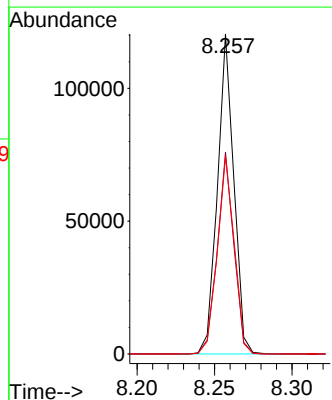
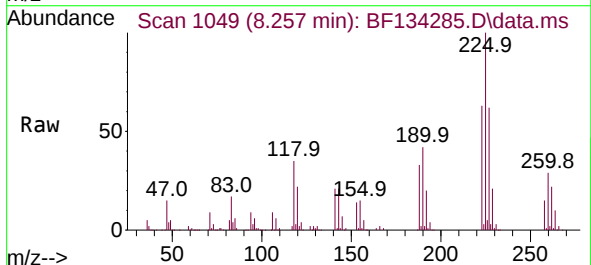
Instrument :
BNA_F
ClientSampleId :
PB154085BS

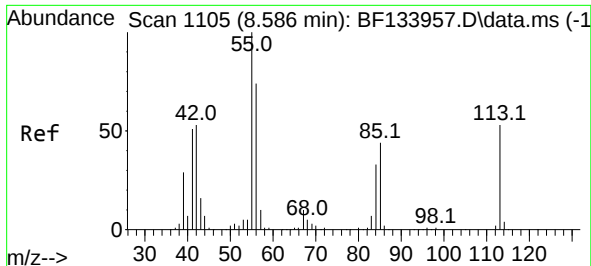
Tgt Ion:	127	Resp:	136034
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.4	39.6
65	33.3	27.8	41.8
92	19.9	16.4	24.6



#34
Hexachlorobutadiene
Concen: 35.931 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:	225	Resp:	88613
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	61.7	51.0	76.4

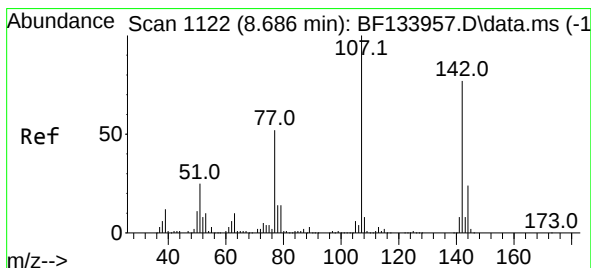
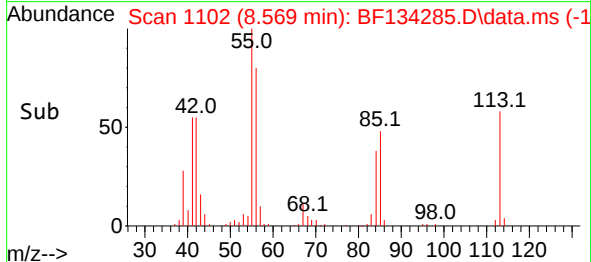
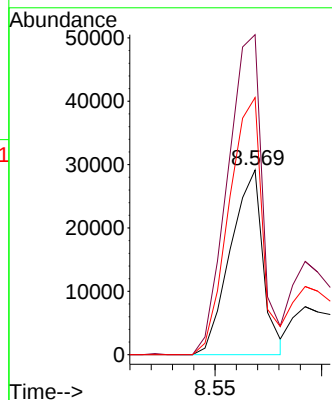
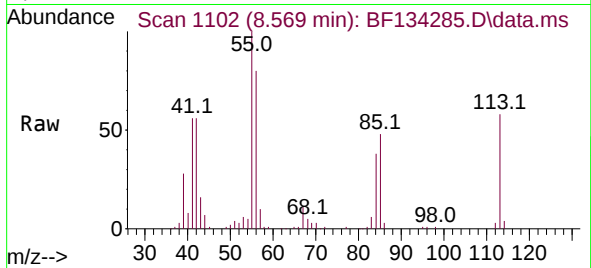




#35
Caprolactam
Concen: 24.795 ng
RT: 8.569 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

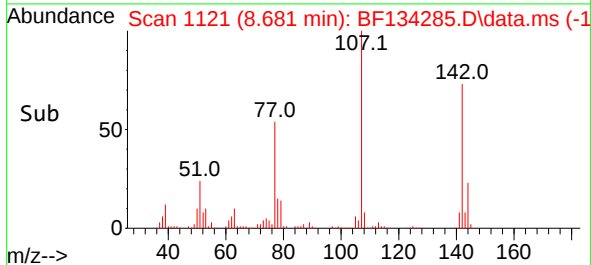
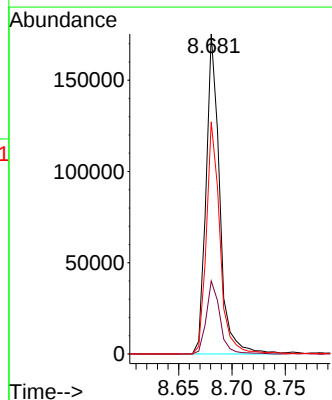
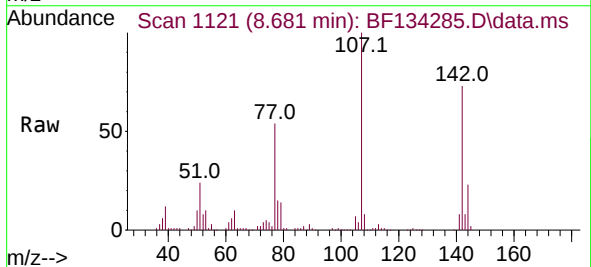
Instrument :
BNA_F
ClientSampleId :
PB154085BS

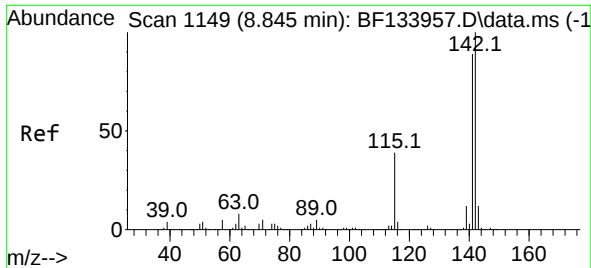
Tgt Ion:113 Resp: 30933
Ion Ratio Lower Upper
113 100
55 173.3 170.2 210.2
56 139.3 121.4 161.4



#36
4-Chloro-3-methylphenol
Concen: 36.611 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:107 Resp: 155836
Ion Ratio Lower Upper
107 100
144 22.8 19.6 29.4
142 72.5 61.4 92.2

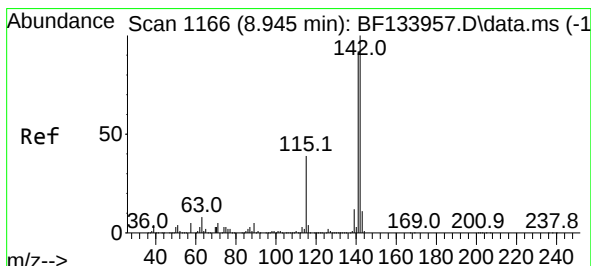
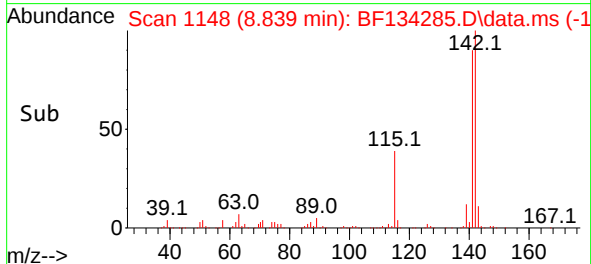
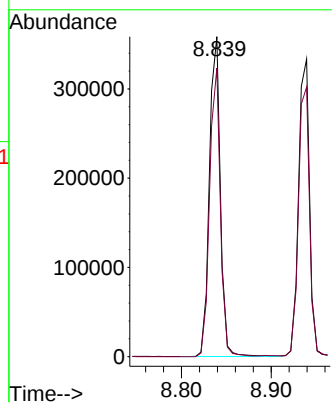
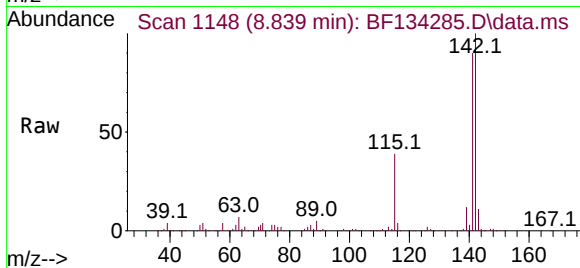




#37
2-Methylnaphthalene
Concen: 33.106 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

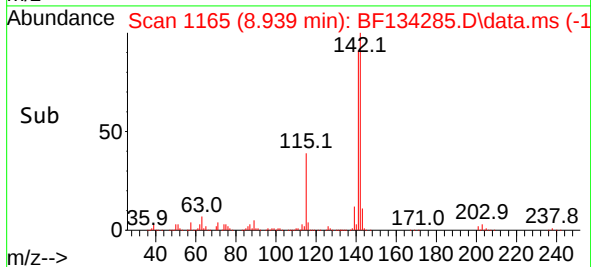
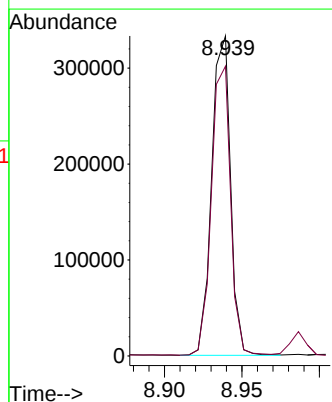
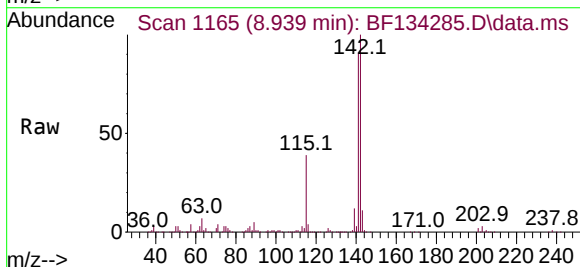
Instrument :
BNA_F
ClientSampleId :
PB154085BS

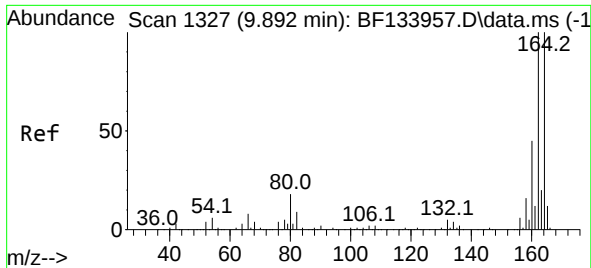
Tgt Ion:142 Resp: 303540
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.4



#38
1-Methylnaphthalene
Concen: 33.052 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:142 Resp: 281721
Ion Ratio Lower Upper
142 100
141 90.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

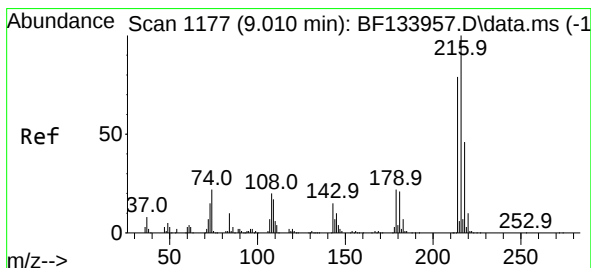
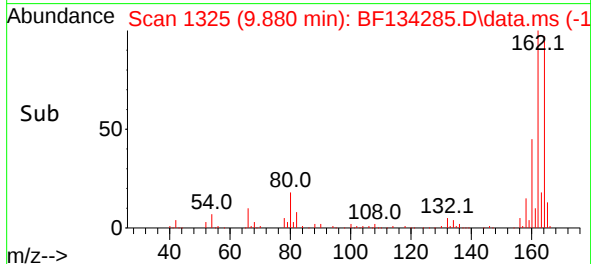
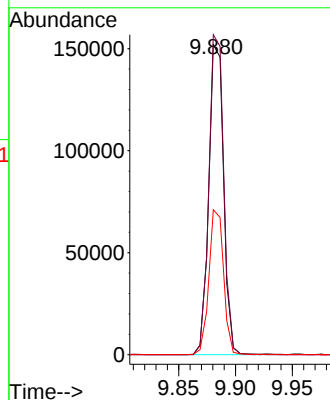
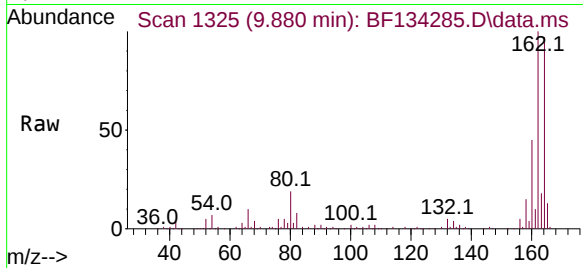
Tgt Ion:164 Resp: 137803

Ion Ratio Lower Upper

164 100

162 103.2 80.0 120.0

160 46.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.687 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Tgt Ion:216 Resp: 145697

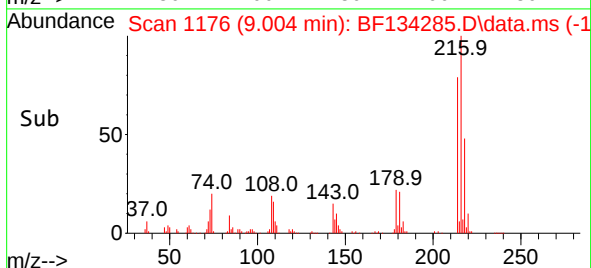
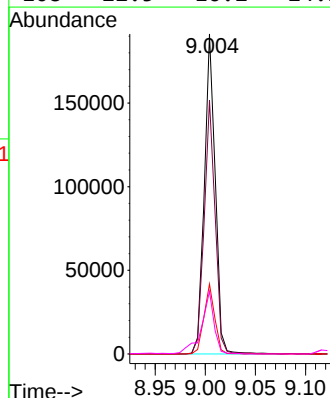
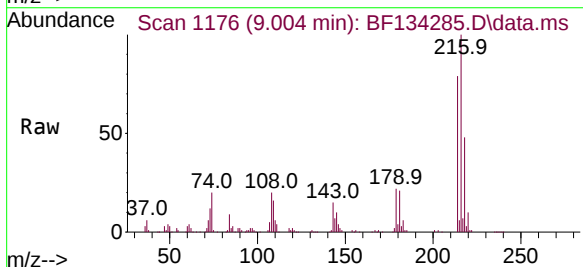
Ion Ratio Lower Upper

216 100

214 79.8 64.1 96.1

179 21.5 17.3 25.9

108 22.5 16.2 24.2

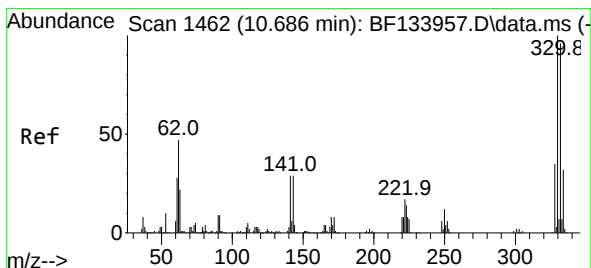
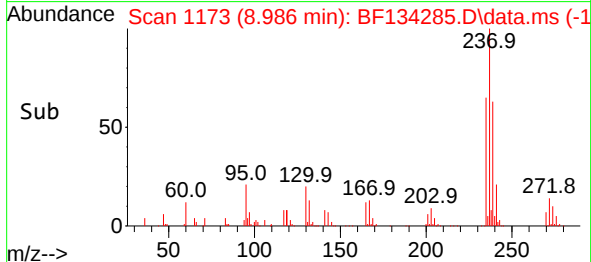
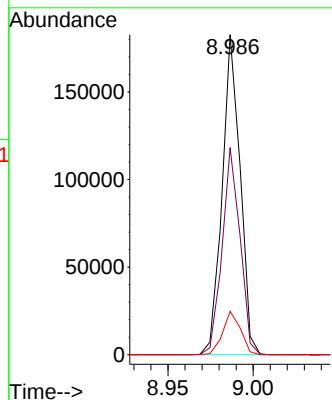
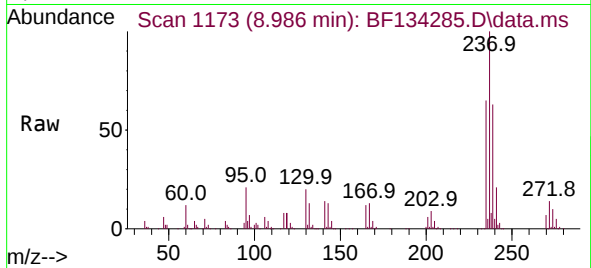




#41
Hexachlorocyclopentadiene
Concen: 69.135 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

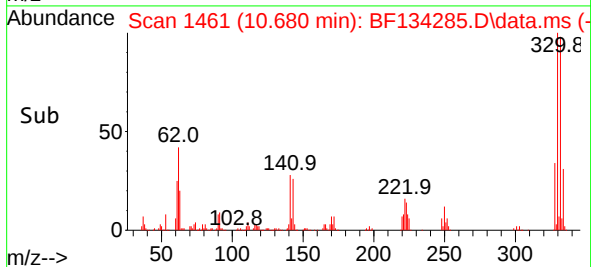
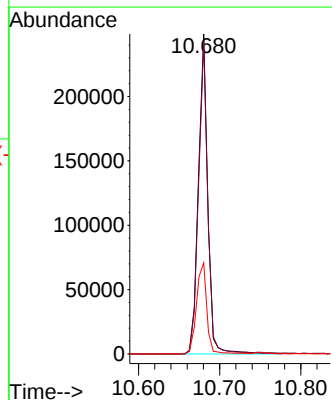
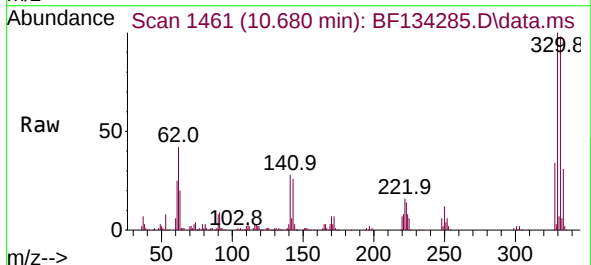
Instrument :
BNA_F
ClientSampleId :
PB154085BS

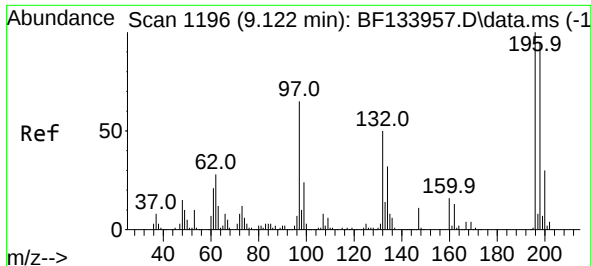
Tgt Ion:237 Resp: 133906
Ion Ratio Lower Upper
237 100
235 64.7 42.8 82.8
272 13.5 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 116.398 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:330 Resp: 201109
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 31.2 26.3 39.5

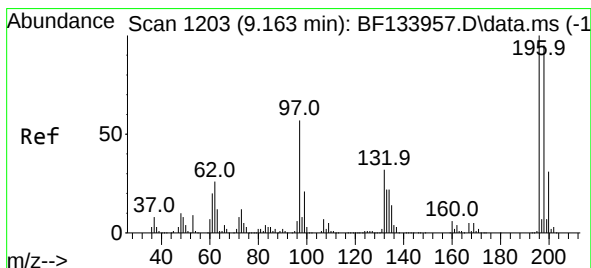
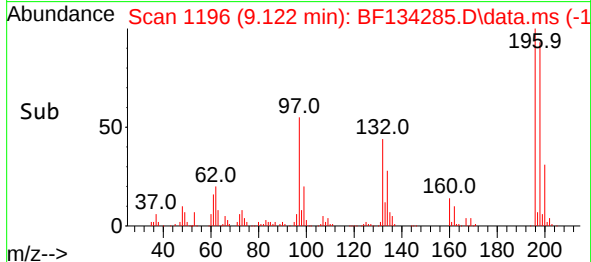
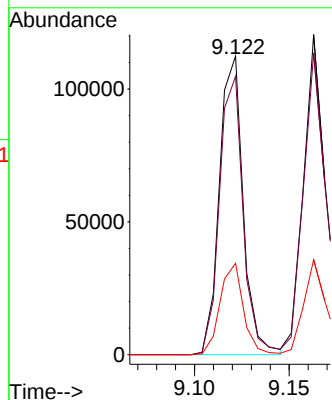
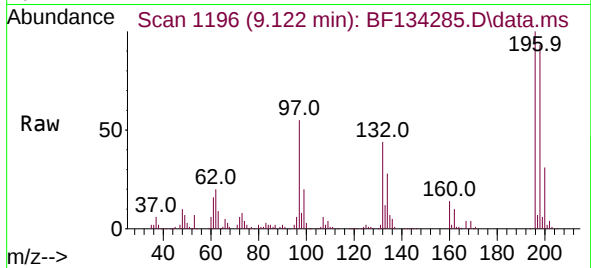




#43
2,4,6-Trichlorophenol
Concen: 35.350 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

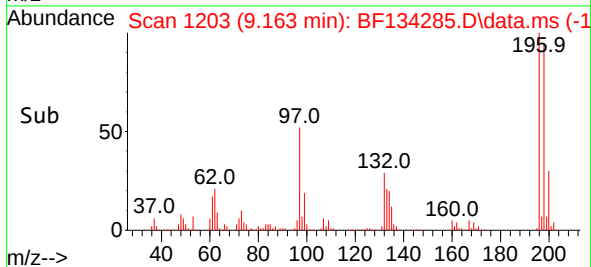
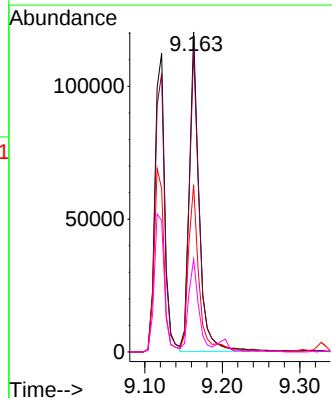
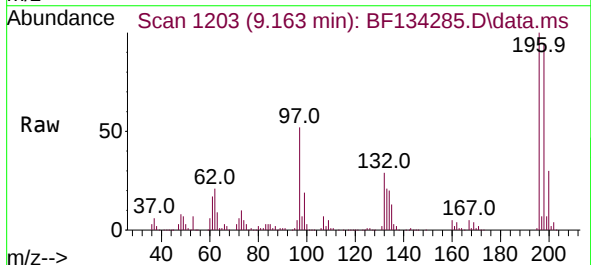
Instrument :
BNA_F
ClientSampleId :
PB154085BS

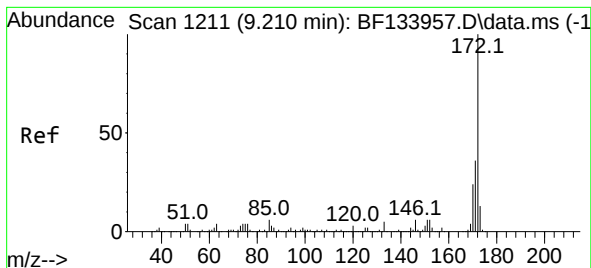
Tgt Ion:196 Resp: 98246
Ion Ratio Lower Upper
196 100
198 93.3 75.6 113.4
200 30.6 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 32.475 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:196 Resp: 106164
Ion Ratio Lower Upper
196 100
198 94.3 75.7 113.5
97 52.2 45.8 68.6
132 29.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 73.059 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

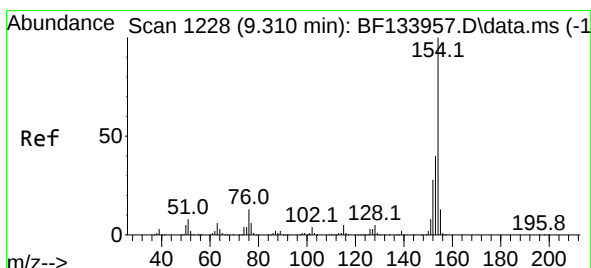
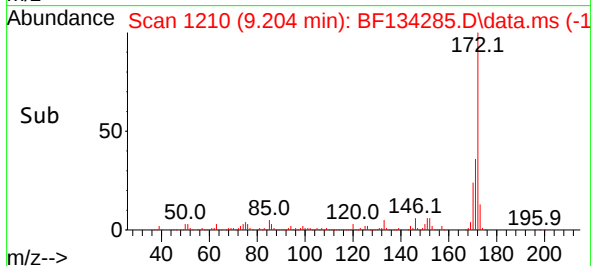
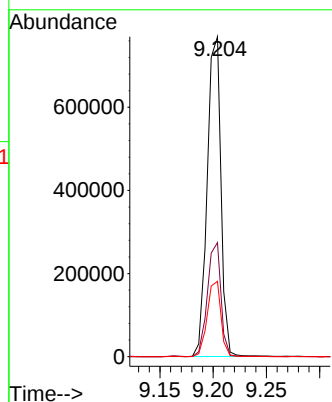
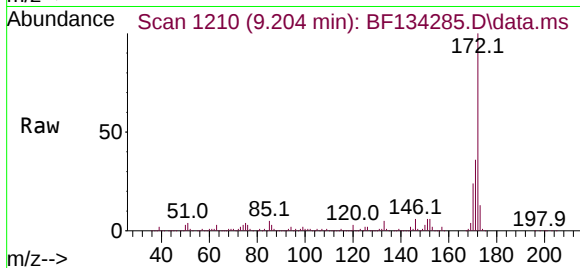
Tgt Ion:172 Resp: 692466

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.5 19.4 29.0



#46

1,1'-Biphenyl

Concen: 34.852 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

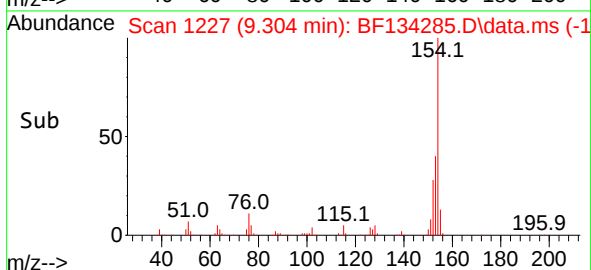
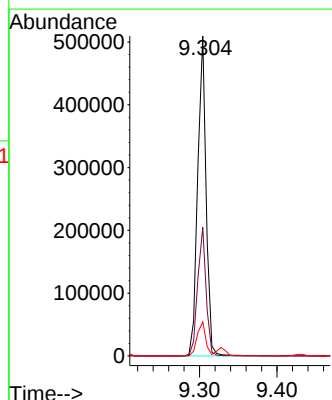
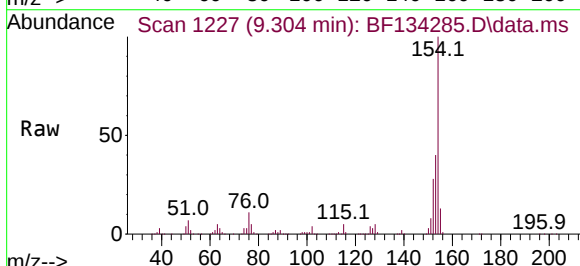
Tgt Ion:154 Resp: 385253

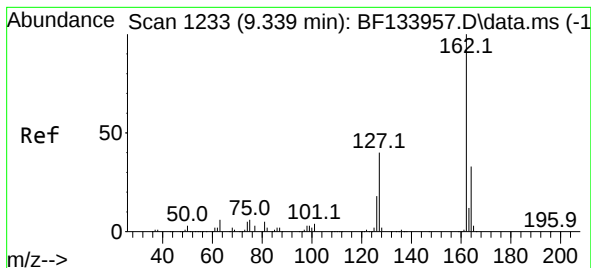
Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

76 10.6 0.0 32.9





#47

2-Chloronaphthalene

Concen: 35.663 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

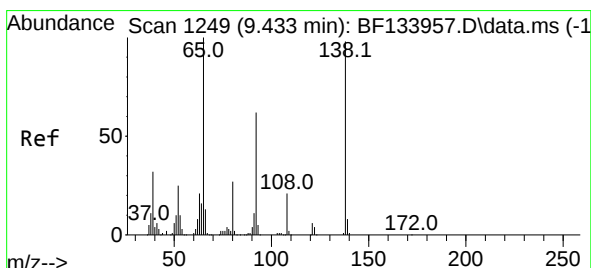
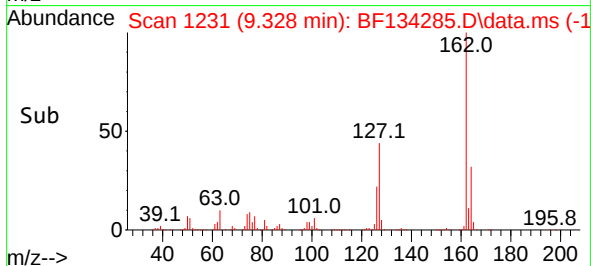
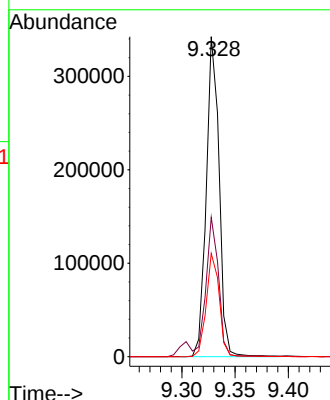
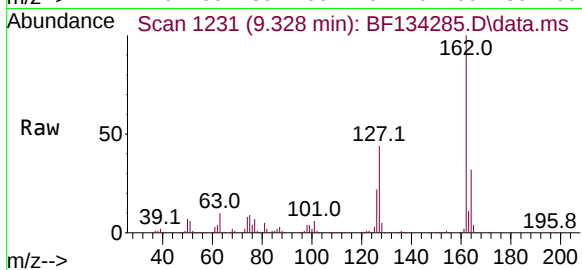
Tgt Ion:162 Resp: 288438

Ion Ratio Lower Upper

162 100

127 43.6 32.9 49.3

164 32.3 26.1 39.1



#48

2-Nitroaniline

Concen: 35.130 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

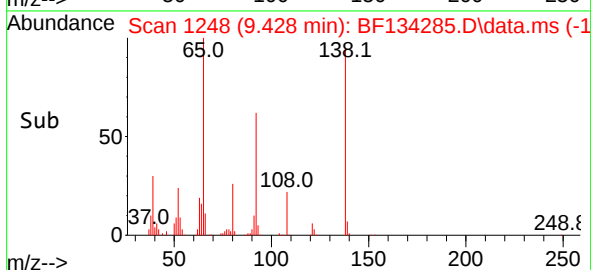
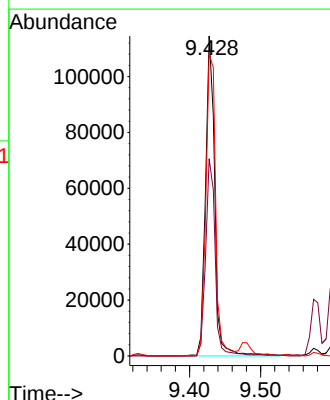
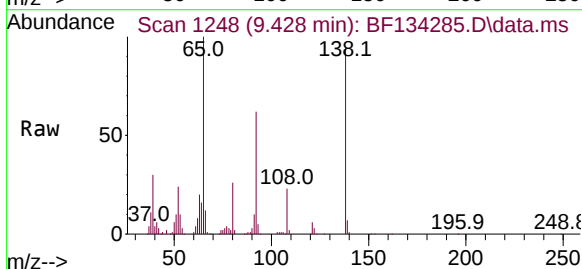
Tgt Ion: 65 Resp: 103550

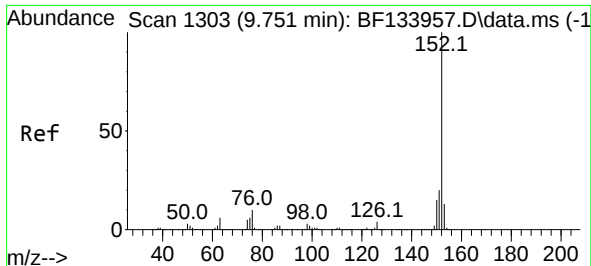
Ion Ratio Lower Upper

65 100

92 61.7 49.5 74.3

138 94.4 78.0 117.0





#49

Acenaphthylene

Concen: 35.199 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

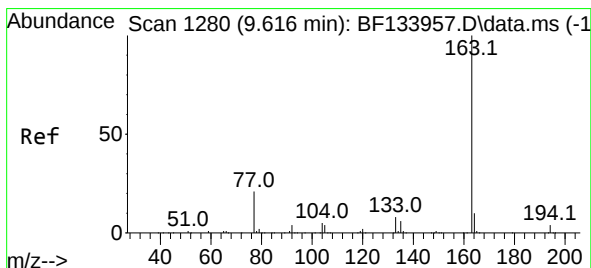
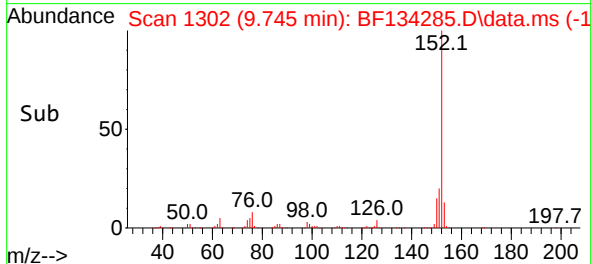
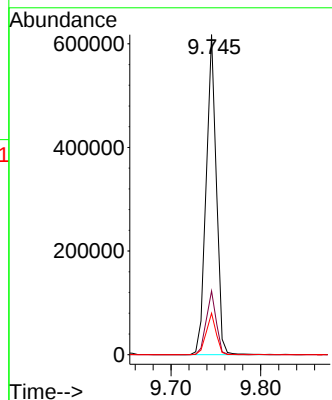
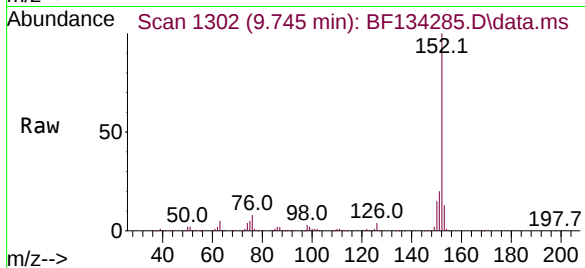
Tgt Ion:152 Resp: 486312

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 12.9 10.8 16.2



#50

Dimethylphthalate

Concen: 35.842 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

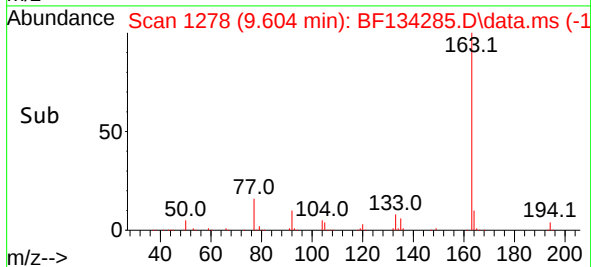
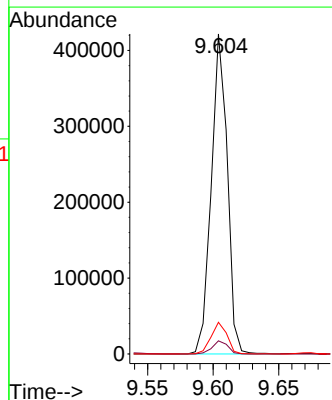
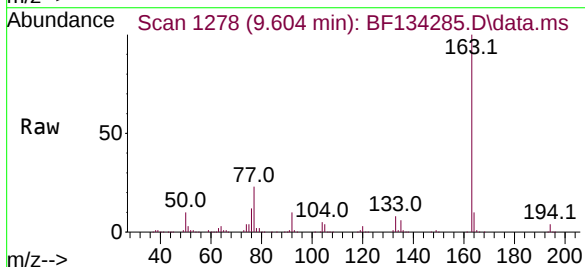
Tgt Ion:163 Resp: 358528

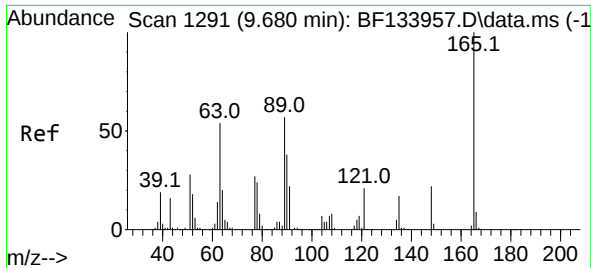
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 9.9 8.2 12.2

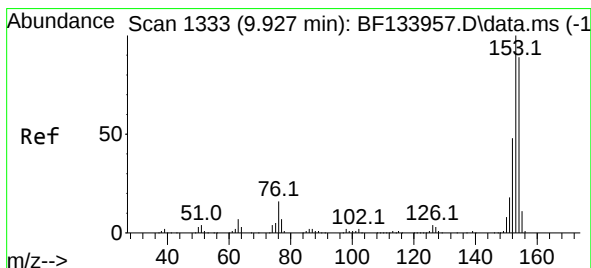
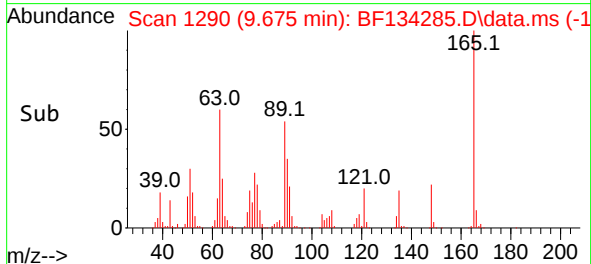
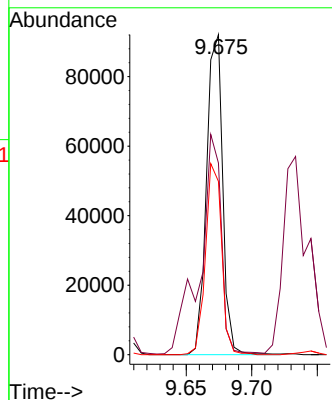
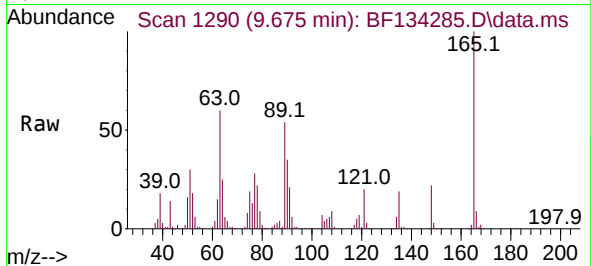




#51
2,6-Dinitrotoluene
Concen: 36.713 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

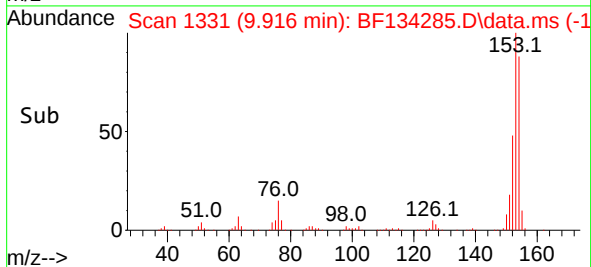
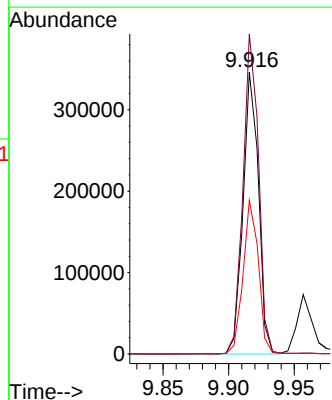
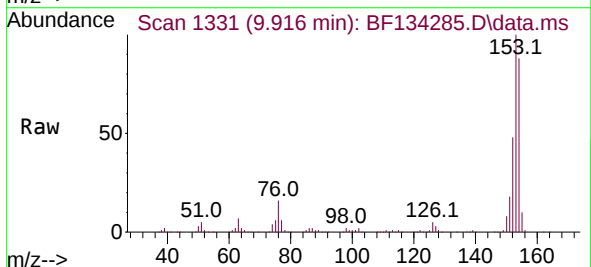
Instrument :
BNA_F
ClientSampleId :
PB154085BS

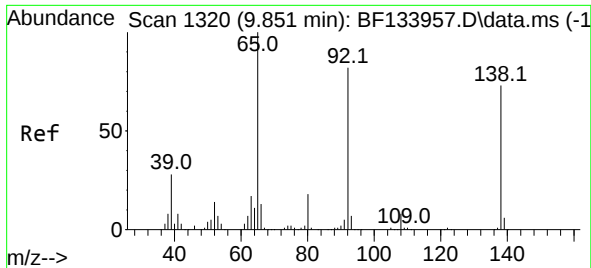
Tgt Ion:165 Resp: 79098
Ion Ratio Lower Upper
165 100
63 59.9 48.5 72.7
89 54.2 45.5 68.3



#52
Acenaphthene
Concen: 35.502 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:154 Resp: 284614
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.2
152 54.5 42.8 64.2

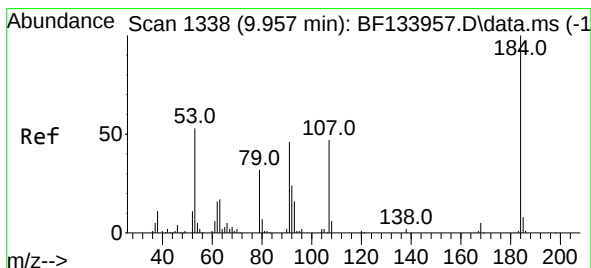
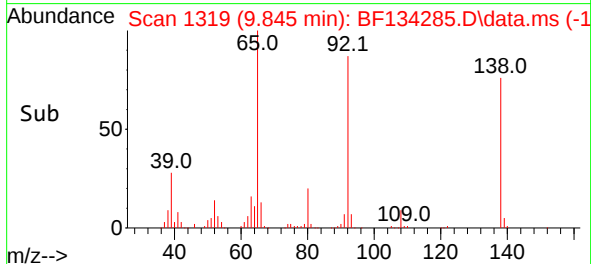
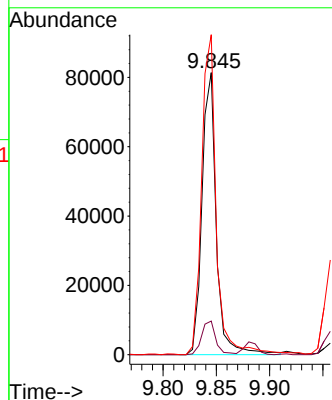
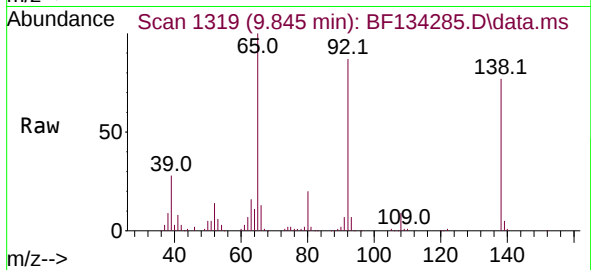




#53
3-Nitroaniline
Concen: 29.465 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

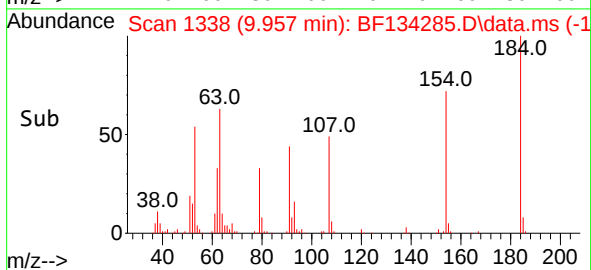
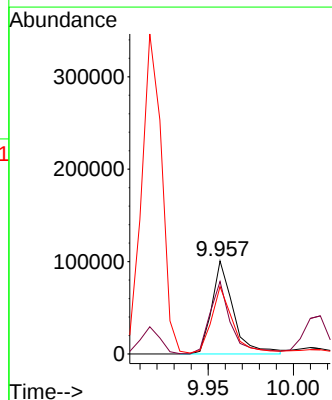
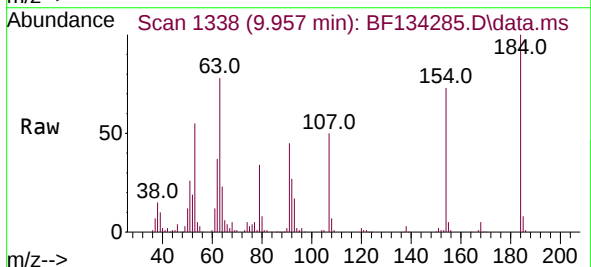
Instrument :
BNA_F
ClientSampleId :
PB154085BS

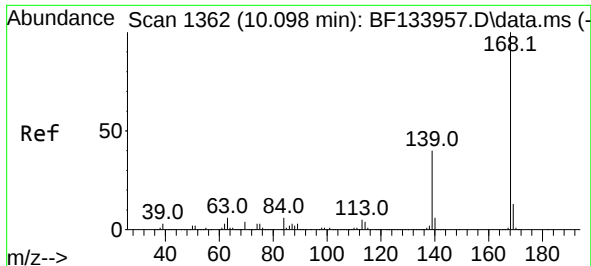
Tgt Ion:138 Resp: 76159
Ion Ratio Lower Upper
138 100
108 11.9 8.4 12.6
92 113.4 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 71.212 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:184 Resp: 88051
Ion Ratio Lower Upper
184 100
63 78.1 56.9 85.3
154 72.5 55.4 83.0

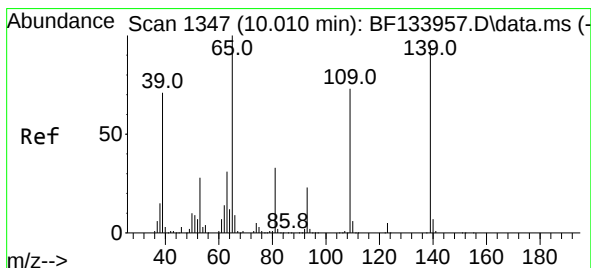
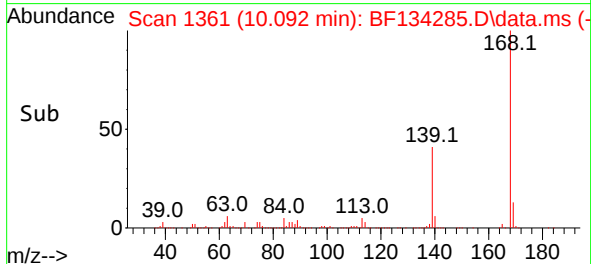
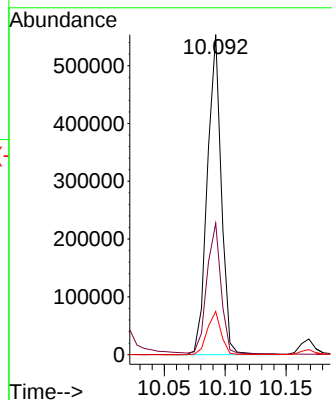
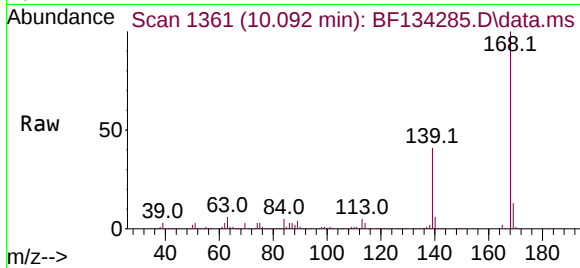




#55
Dibenzenofuran
Concen: 35.217 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

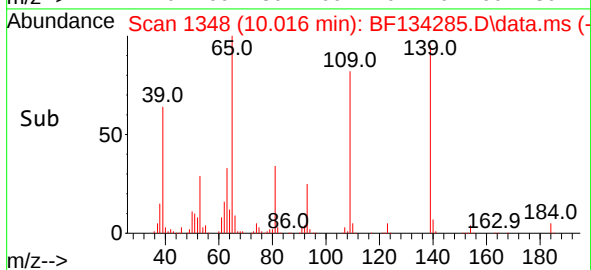
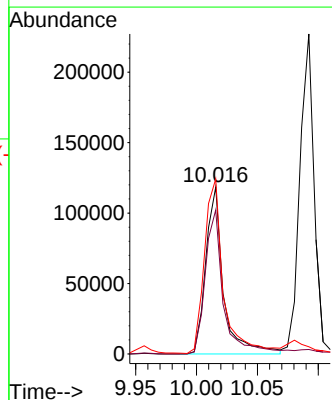
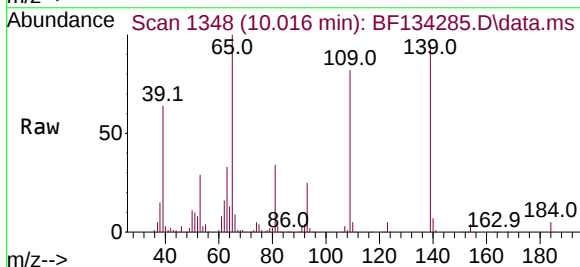
Instrument :
BNA_F
ClientSampleId :
PB154085BS

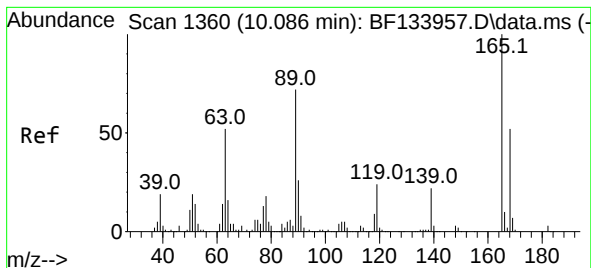
Tgt Ion:168 Resp: 441232
Ion Ratio Lower Upper
168 100
139 41.0 32.0 48.0
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 66.563 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:139 Resp: 120343
Ion Ratio Lower Upper
139 100
109 86.3 56.8 96.8
65 104.9 86.1 126.1

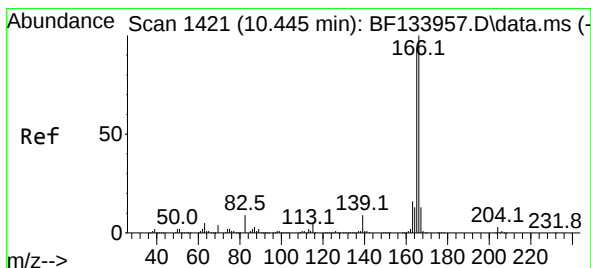
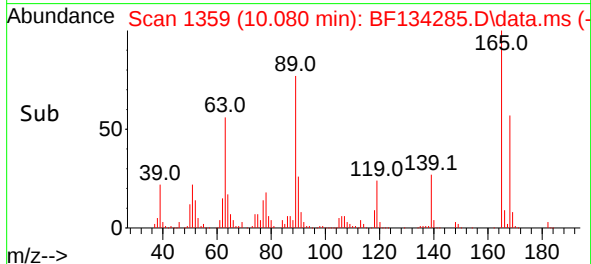
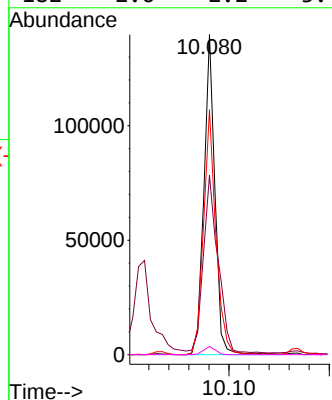
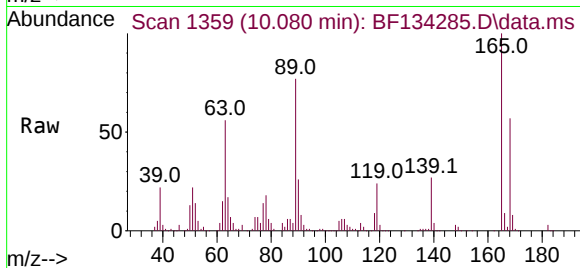




#57
2,4-Dinitrotoluene
Concen: 37.653 ng
RT: 10.080 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

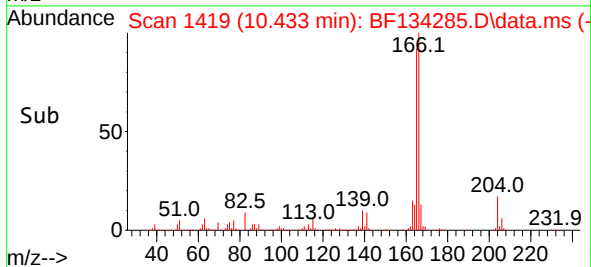
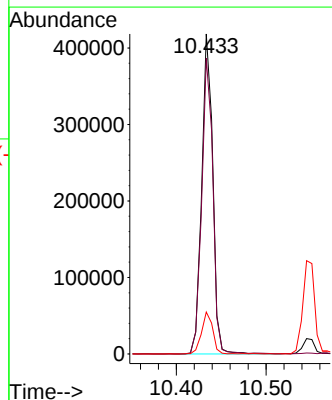
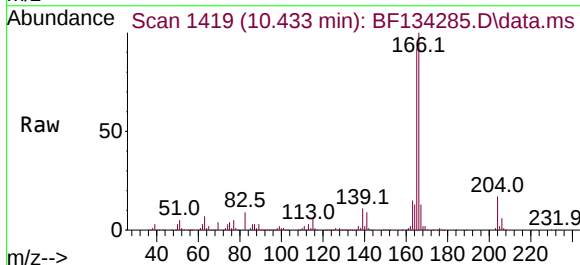
Instrument :
BNA_F
ClientSampleId :
PB154085BS

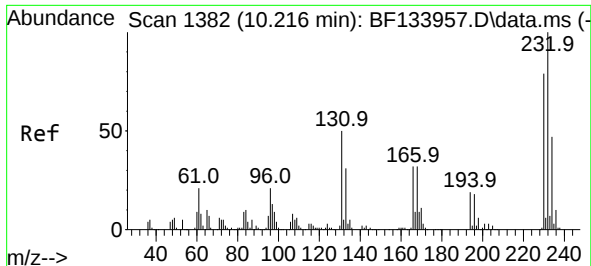
Tgt Ion:165 Resp: 107136
Ion Ratio Lower Upper
165 100
63 56.1 42.2 63.2
89 76.6 57.4 86.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 36.599 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:166 Resp: 356747
Ion Ratio Lower Upper
166 100
165 92.4 75.0 112.4
167 13.1 10.6 15.8

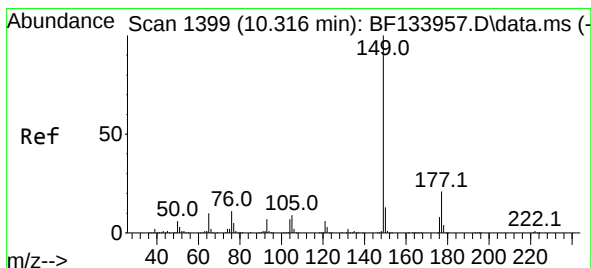
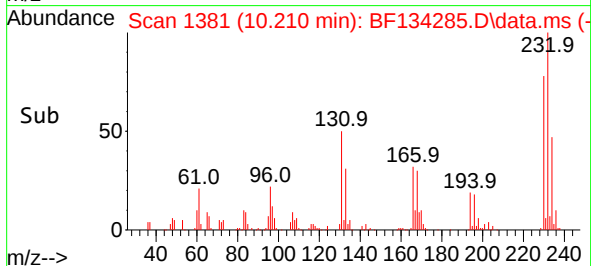
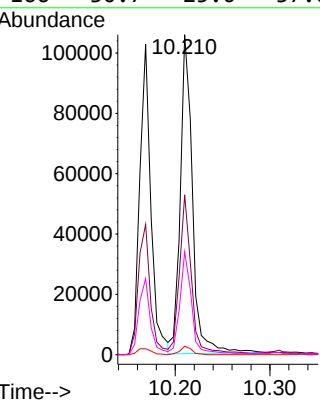
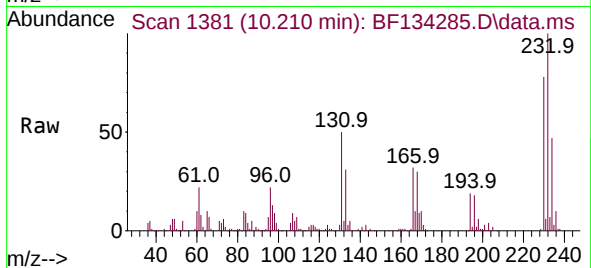




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.569 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

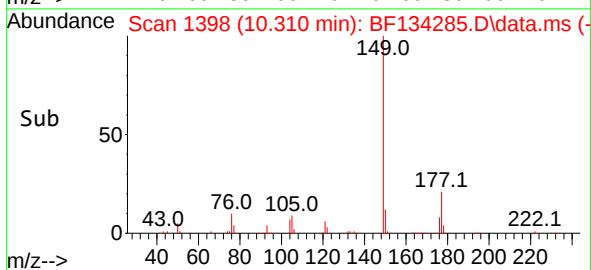
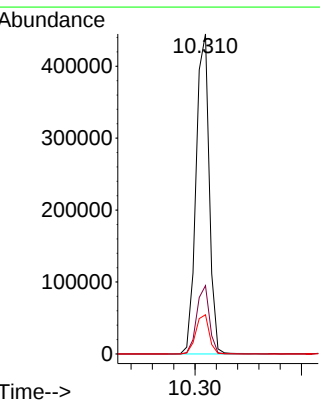
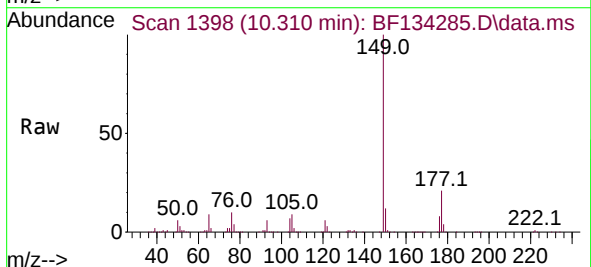
Instrument :
BNA_F
ClientSampleId :
PB154085BS

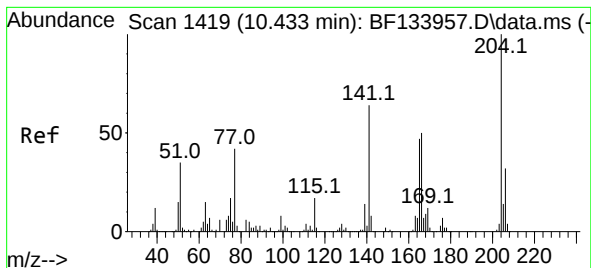
Tgt Ion:232 Resp: 94299
Ion Ratio Lower Upper
232 100
131 49.9 39.3 58.9
130 2.5 1.8 2.6
166 30.7 25.0 37.6



#60
Diethylphthalate
Concen: 36.782 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:149 Resp: 383328
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.3 10.2 15.2

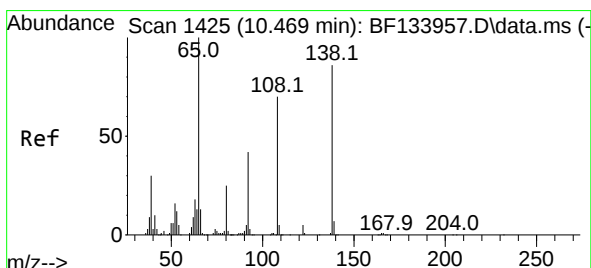
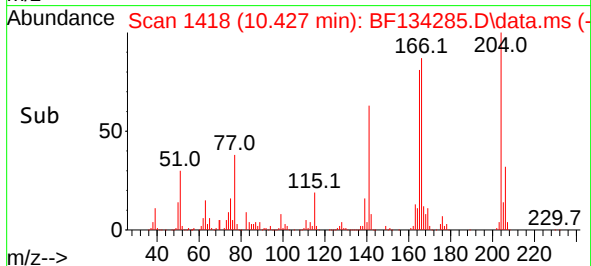
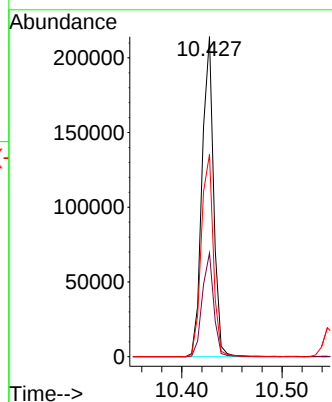
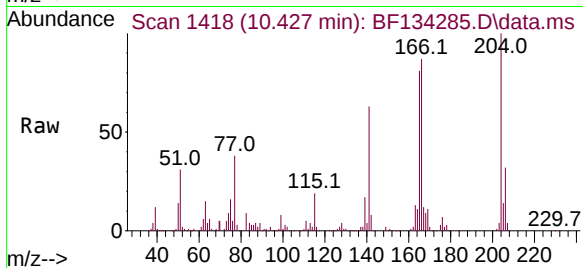




#61
4-Chlorophenyl-phenylether
Concen: 36.630 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

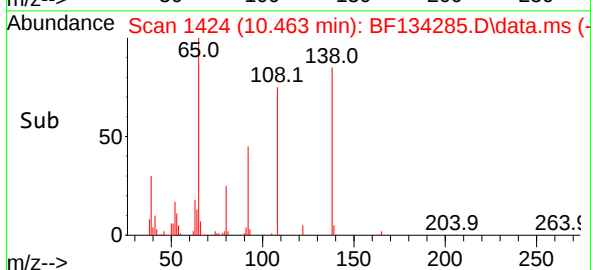
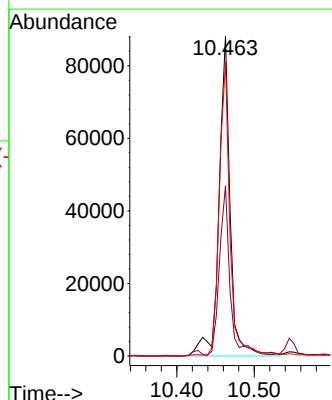
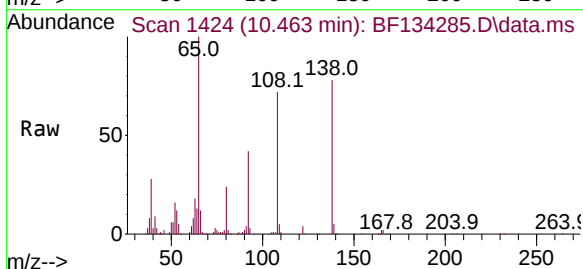
Instrument :
BNA_F
ClientSampleId :
PB154085BS

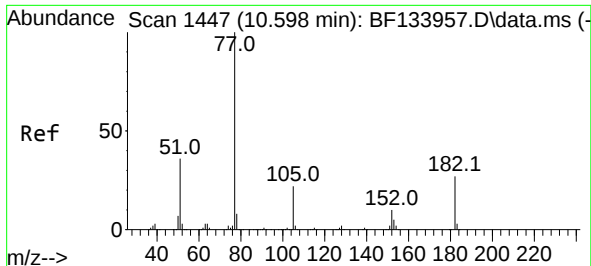
Tgt Ion:204 Resp: 172069
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 63.3 51.5 77.3



#62
4-Nitroaniline
Concen: 33.805 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:138 Resp: 88058
Ion Ratio Lower Upper
138 100
92 53.2 29.7 69.7
108 91.9 62.1 102.1

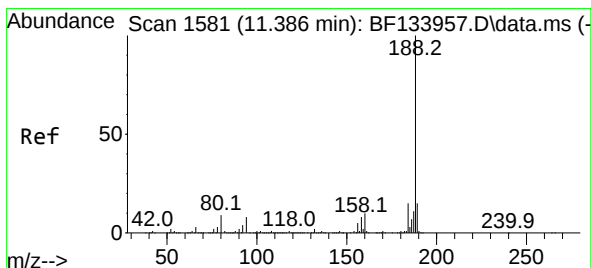
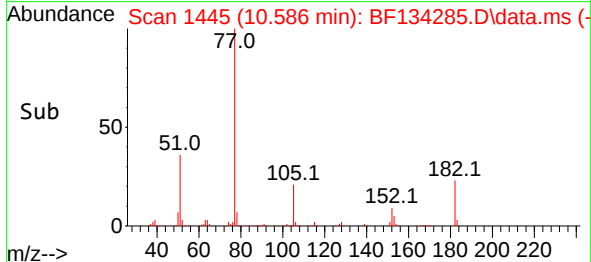
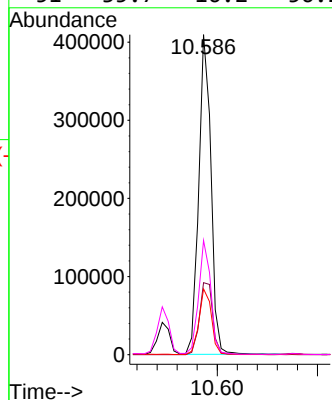
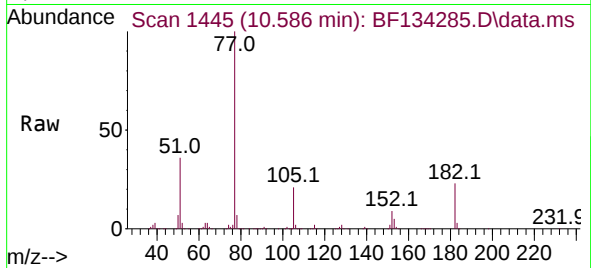




#63
Azobenzene
Concen: 35.071 ng
RT: 10.586 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

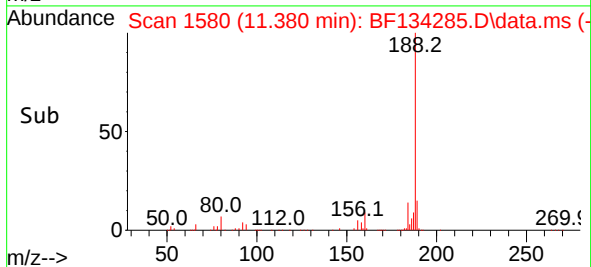
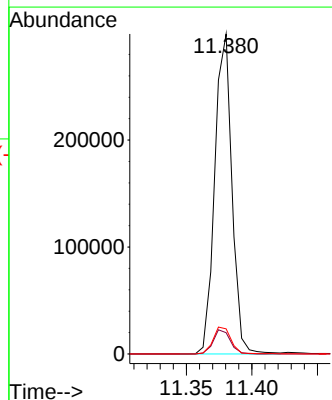
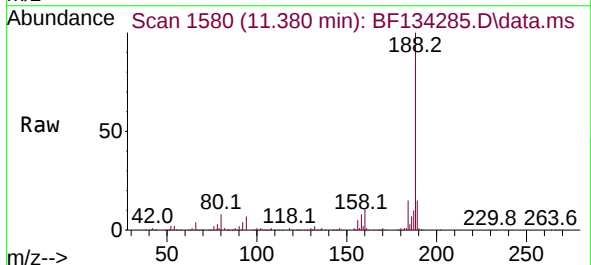
Instrument :
BNA_F
ClientSampleId :
PB154085BS

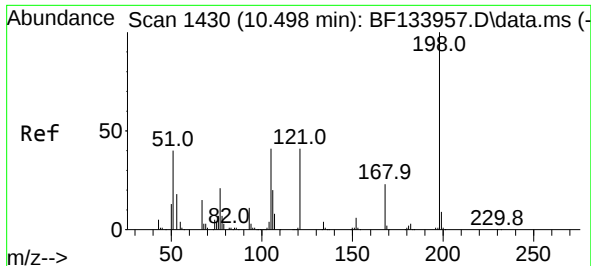
Tgt Ion:	77	Resp:	345736
Ion	Ratio	Lower	Upper
77	100		
182	22.5	6.8	46.8
105	20.5	2.3	42.3
51	35.7	16.2	56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:	188	Resp:	272678
Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.4	9.6
80	7.9	7.3	10.9

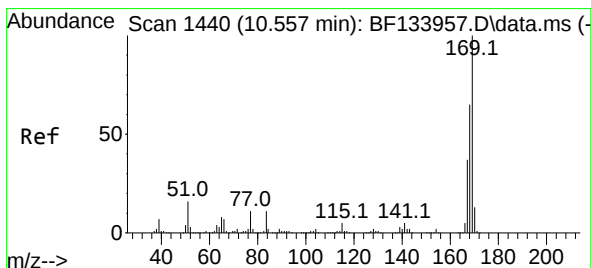
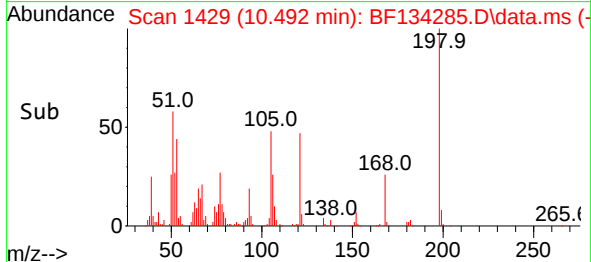
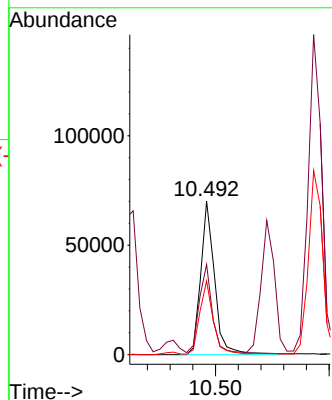
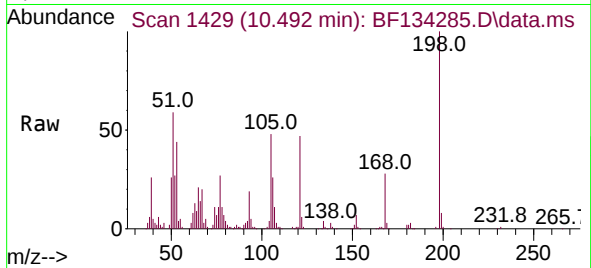




#65
4,6-Dinitro-2-methylphenol
Concen: 40.138 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

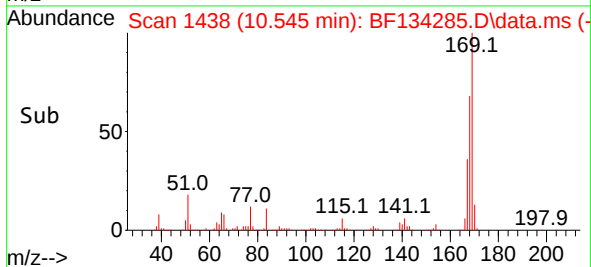
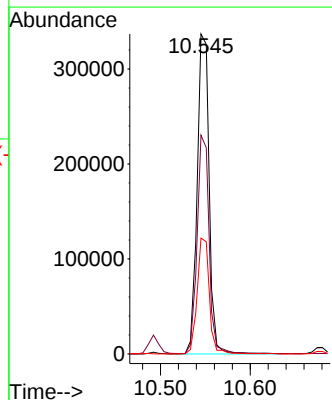
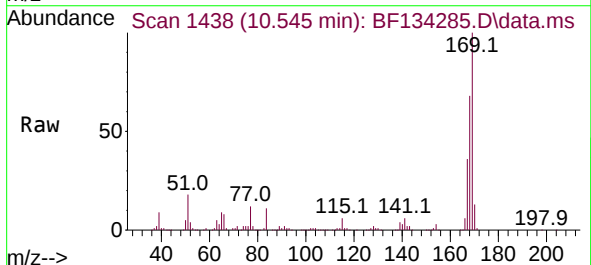
Instrument :
BNA_F
ClientSampleId :
PB154085BS

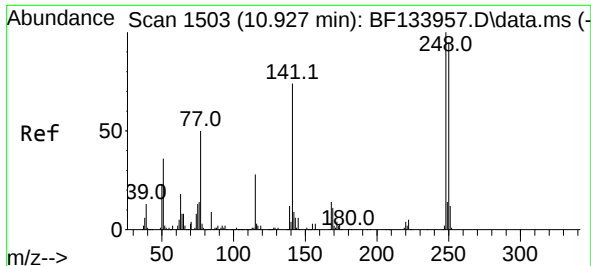
Tgt Ion:198 Resp: 59670
Ion Ratio Lower Upper
198 100
51 58.7 29.3 69.3
105 48.0 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 35.869 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:169 Resp: 312493
Ion Ratio Lower Upper
169 100
168 68.3 52.3 78.5
167 36.2 29.4 44.0

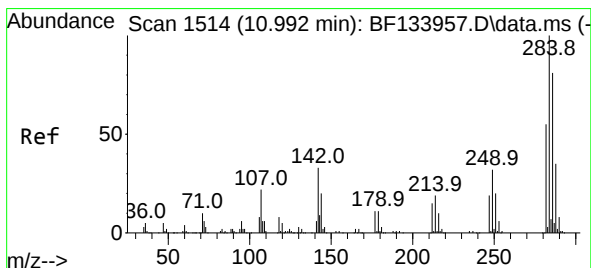
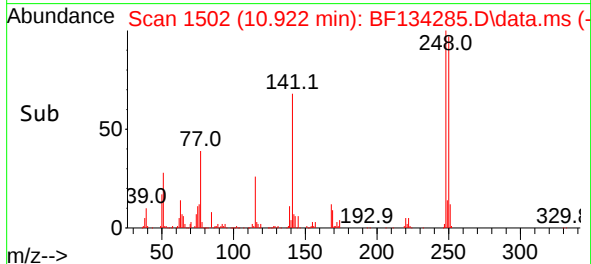
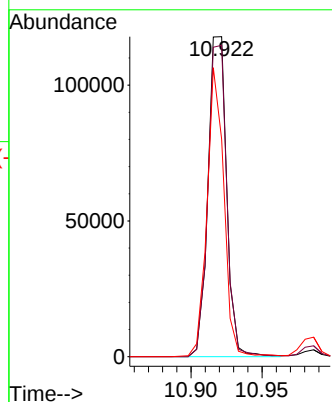
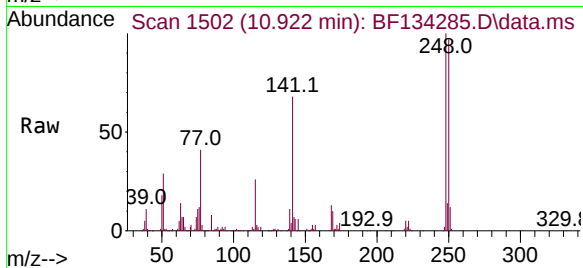




#67
4-Bromophenyl-phenylether
Concen: 37.185 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

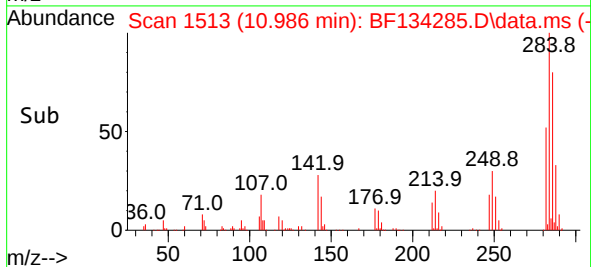
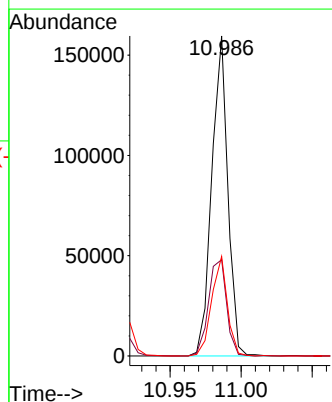
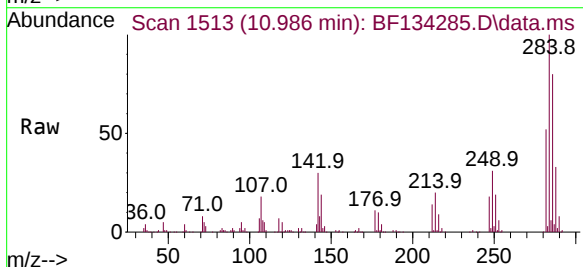
Instrument :
BNA_F
ClientSampleId :
PB154085BS

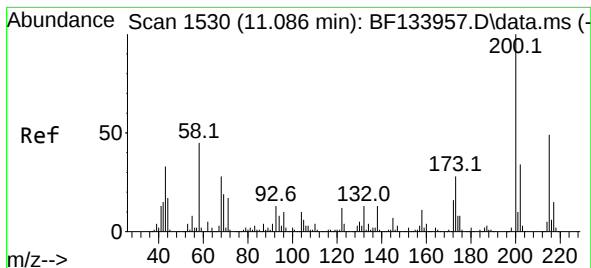
Tgt Ion:248 Resp: 107771
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.4
141 68.0 59.0 88.4



#68
Hexachlorobenzene
Concen: 40.819 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:284 Resp: 125609
Ion Ratio Lower Upper
284 100
142 30.1 26.6 40.0
249 31.1 25.5 38.3





#69

Atrazine

Concen: 44.814 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.006 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

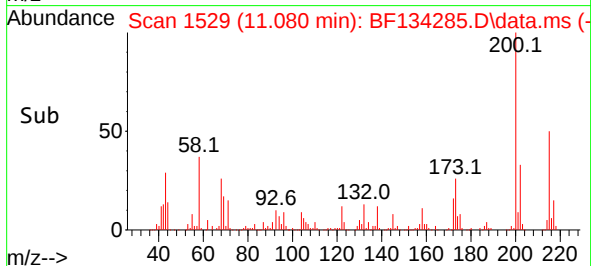
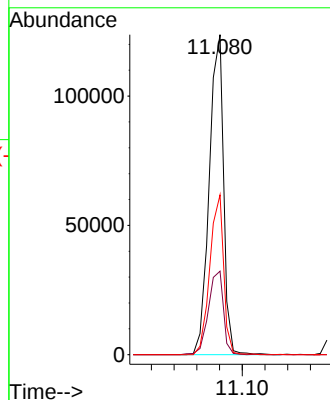
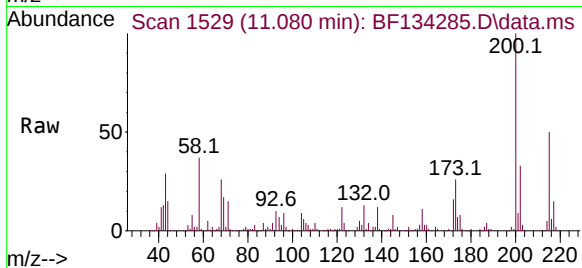
Tgt Ion:200 Resp: 107995

Ion Ratio Lower Upper

200 100

173 26.1 8.0 48.0

215 49.9 29.3 69.3



#70

Pentachlorophenol

Concen: 65.584 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

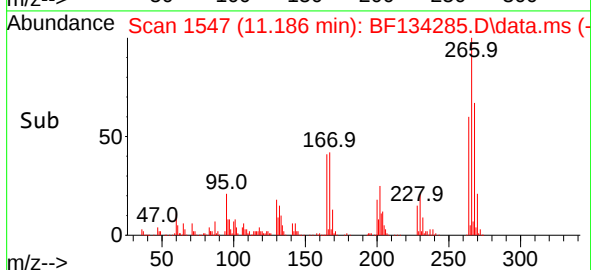
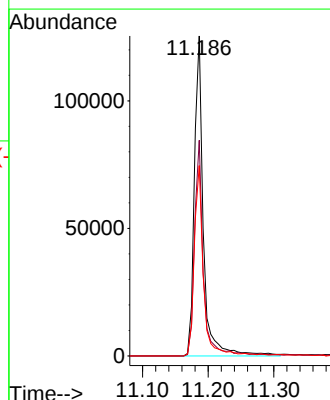
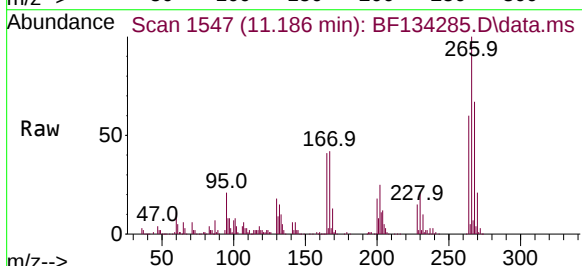
Tgt Ion:266 Resp: 120671

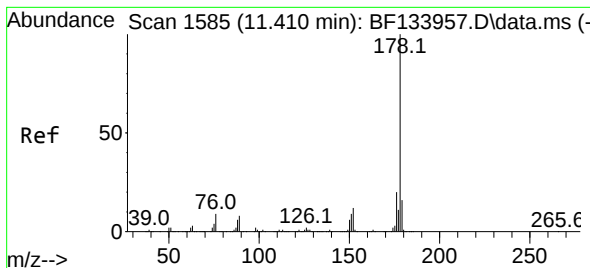
Ion Ratio Lower Upper

266 100

268 67.4 52.6 79.0

264 59.5 50.6 76.0





#71

Phenanthrene

Concen: 37.628 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

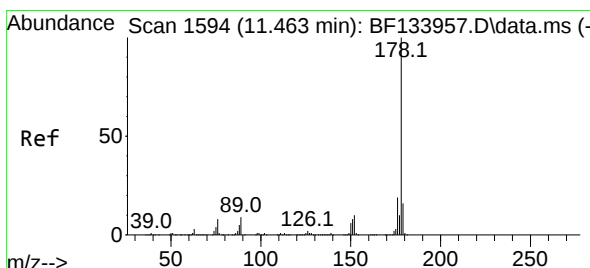
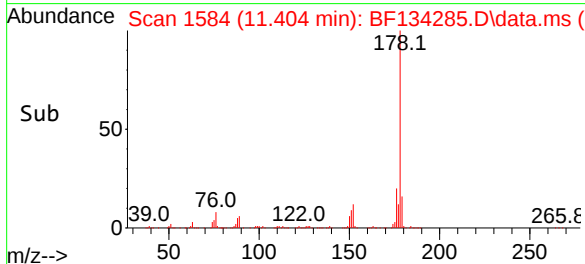
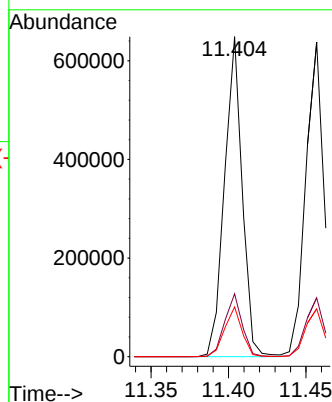
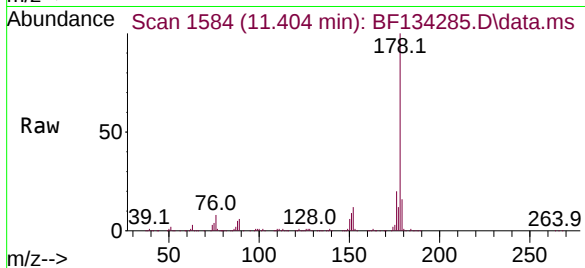
Tgt Ion:178 Resp: 516524

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 37.251 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

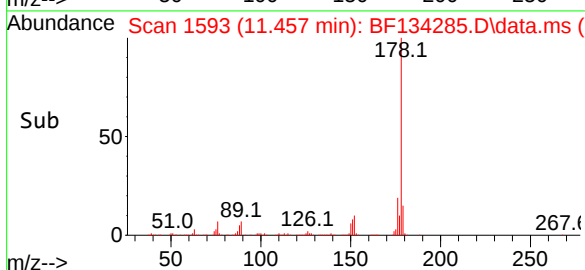
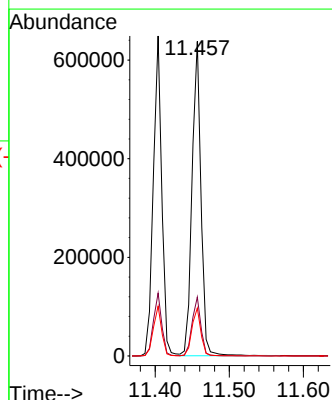
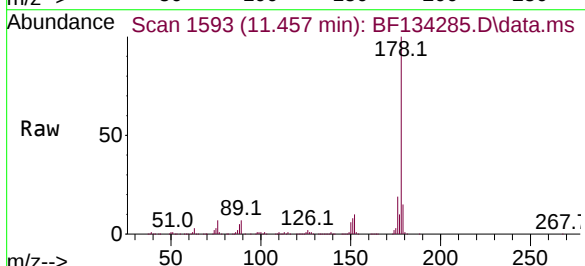
Tgt Ion:178 Resp: 531864

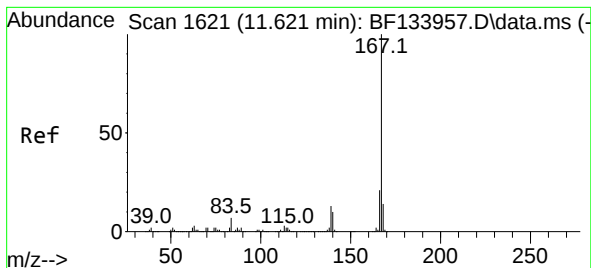
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.2 12.4 18.6





#73

Carbazole

Concen: 38.871 ng

RT: 11.616 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

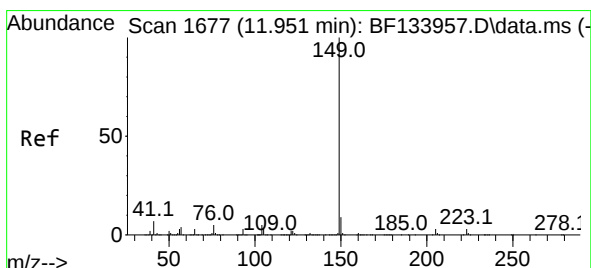
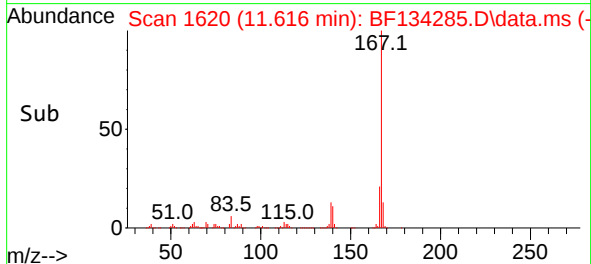
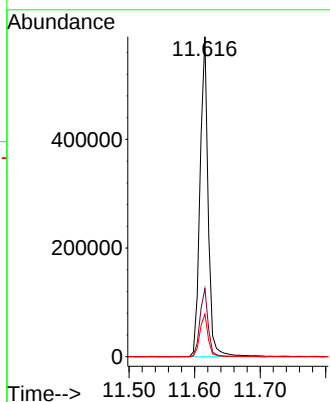
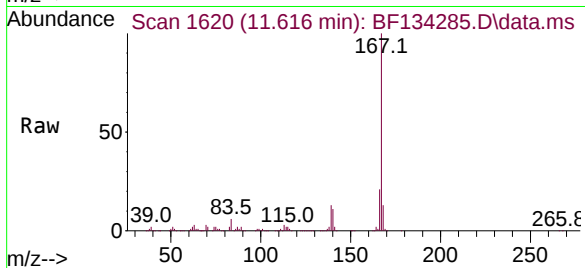
Tgt Ion:167 Resp: 507985

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 13.3 10.4 15.6



#74

Di-n-butylphthalate

Concen: 40.470 ng

RT: 11.939 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

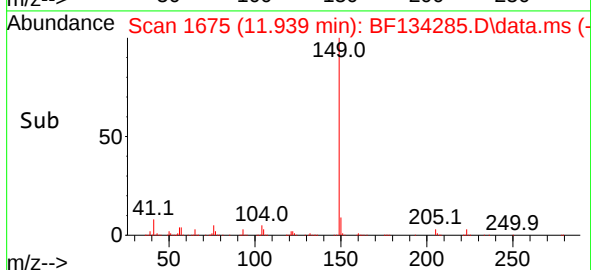
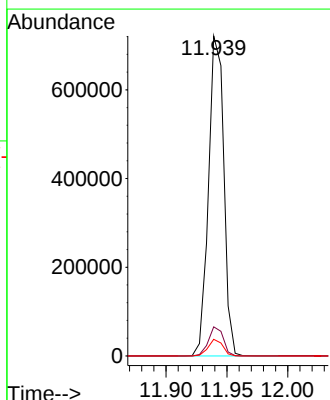
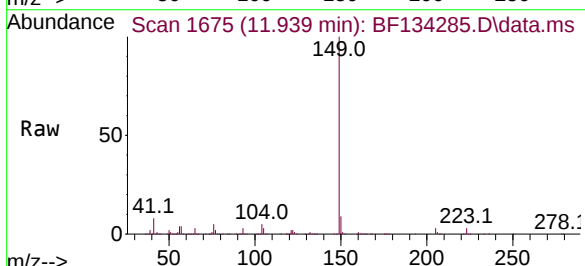
Tgt Ion:149 Resp: 628938

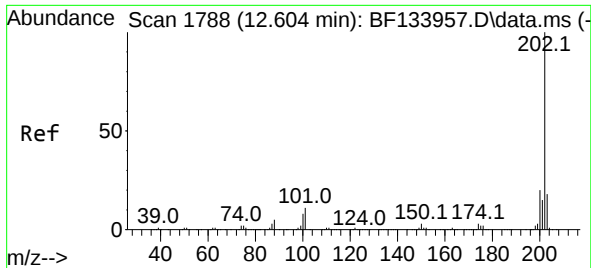
Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

104 5.2 4.0 6.0

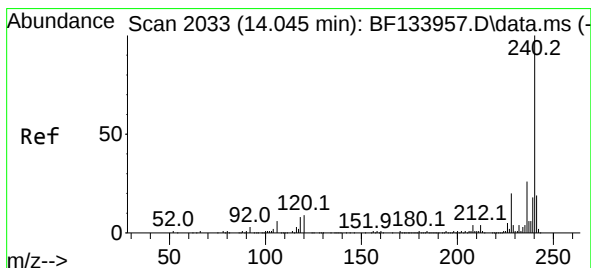
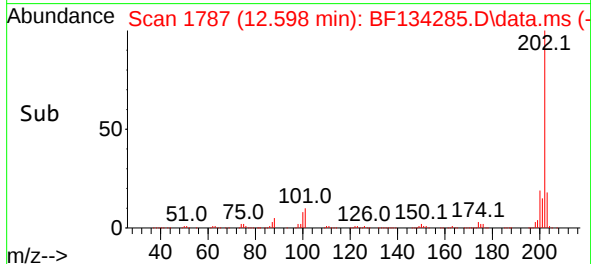
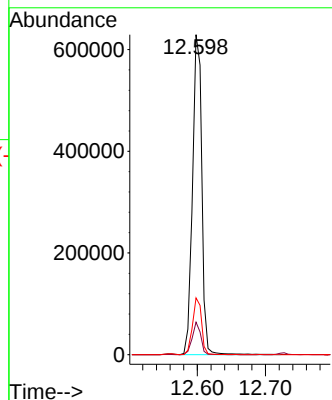
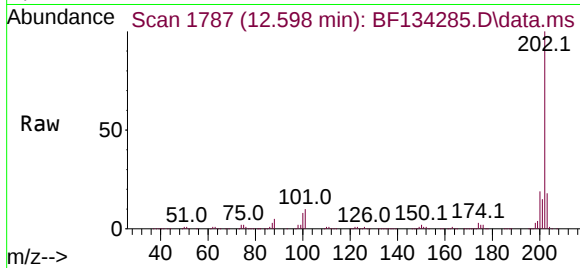




#75
Fluoranthene
Concen: 39.744 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

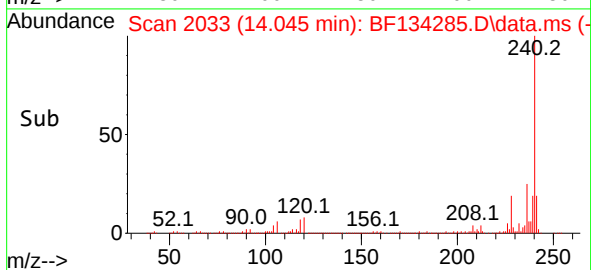
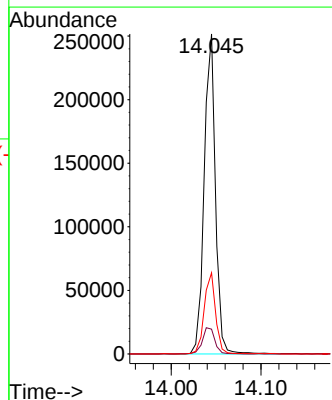
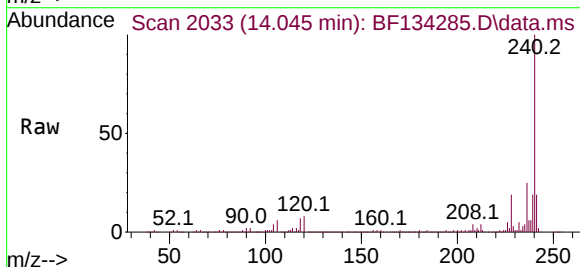
Instrument :
BNA_F
ClientSampleId :
PB154085BS

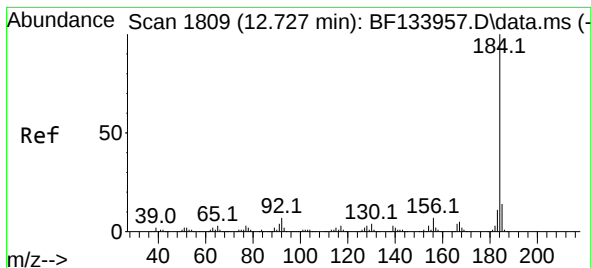
Tgt Ion:202 Resp: 589816
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.0
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:240 Resp: 218857
Ion Ratio Lower Upper
240 100
120 7.8 7.4 11.0
236 25.4 21.0 31.6





#77

Benzidine

Concen: 75.898 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

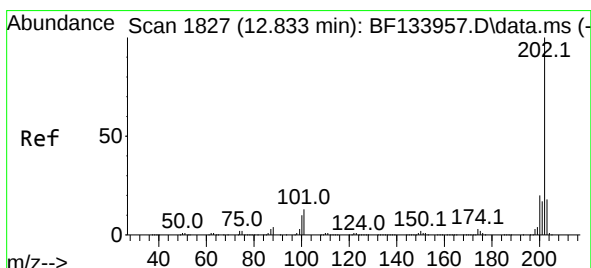
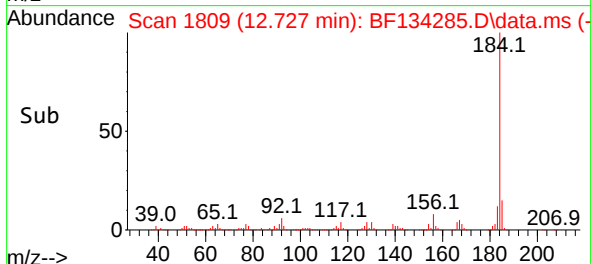
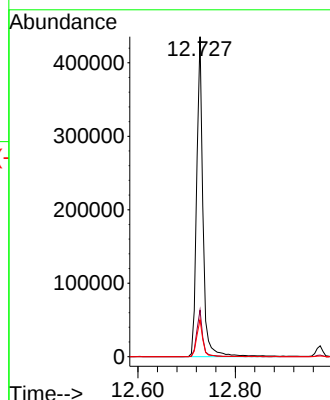
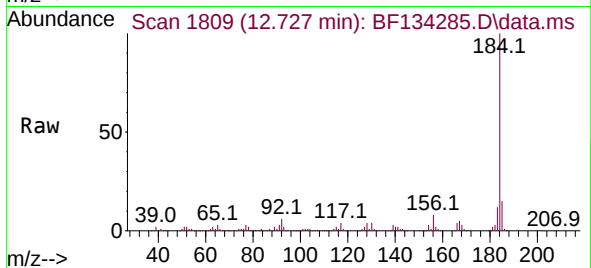
Tgt Ion:184 Resp: 395244

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

183 11.5 8.8 13.2



#78

Pyrene

Concen: 29.505 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

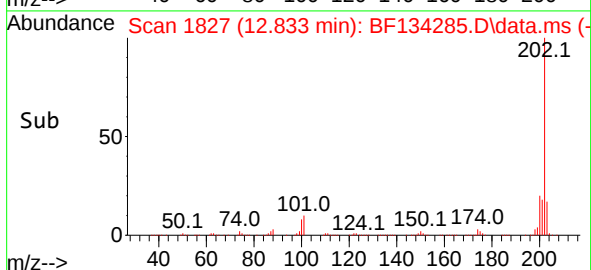
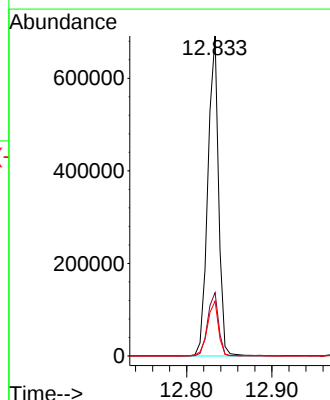
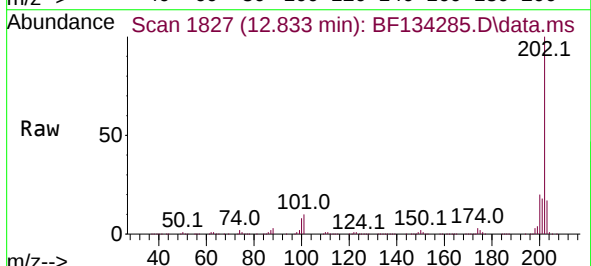
Tgt Ion:202 Resp: 600943

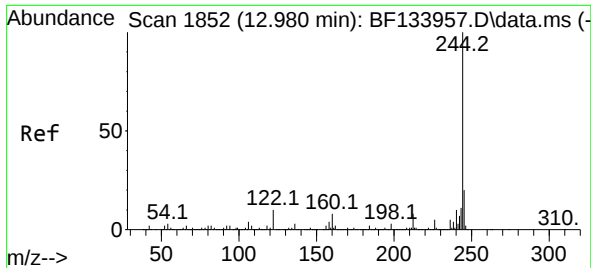
Ion Ratio Lower Upper

202 100

200 19.8 16.1 24.1

203 17.1 14.3 21.5

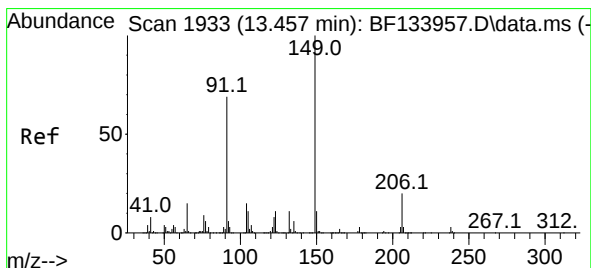
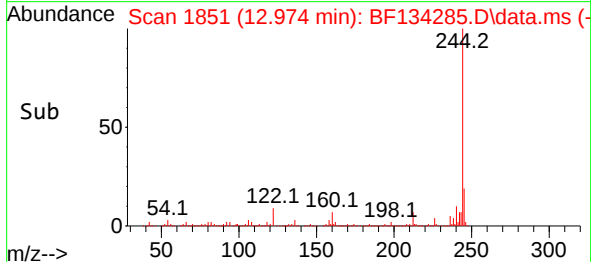
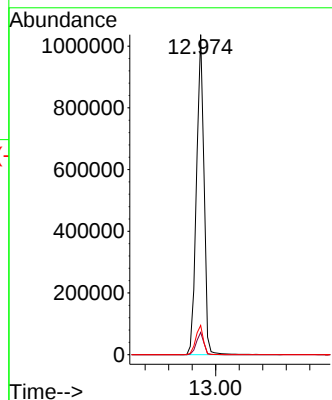
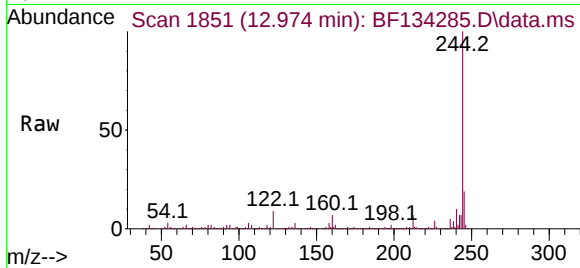




#79
 Terphenyl-d14
 Concen: 67.896 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134285.D
 Acq: 14 Jul 2023 11:56

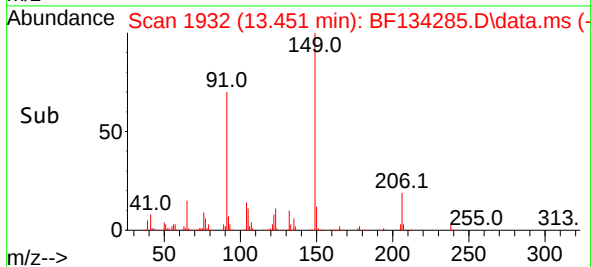
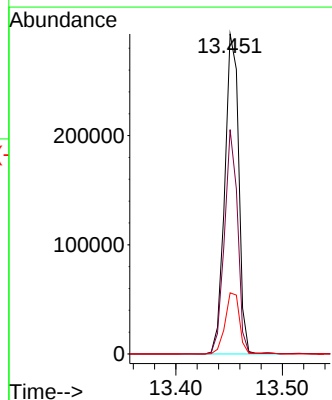
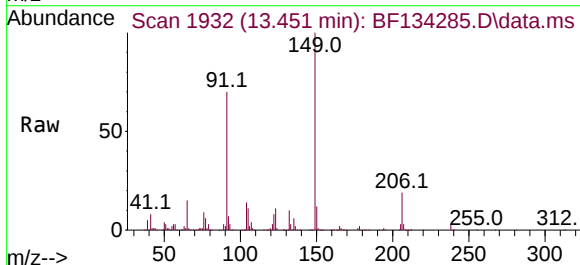
Instrument :
 BNA_F
 ClientSampleId :
 PB154085BS

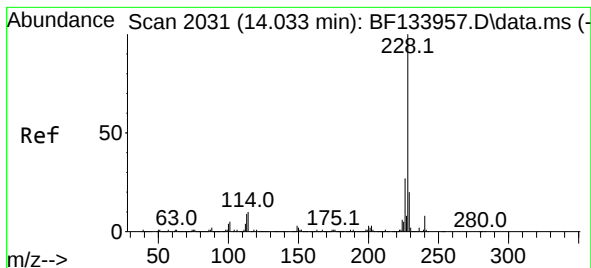
Tgt Ion:244 Resp: 923279
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 34.822 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF134285.D
 Acq: 14 Jul 2023 11:56

Tgt Ion:149 Resp: 266001
 Ion Ratio Lower Upper
 149 100
 91 70.1 55.1 82.7
 206 19.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 36.035 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

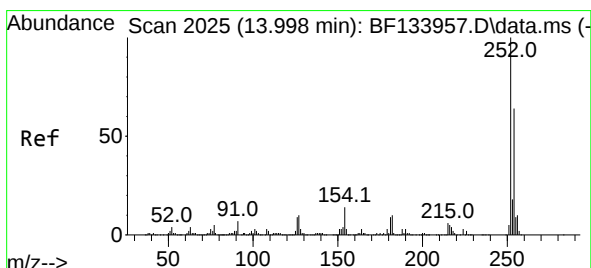
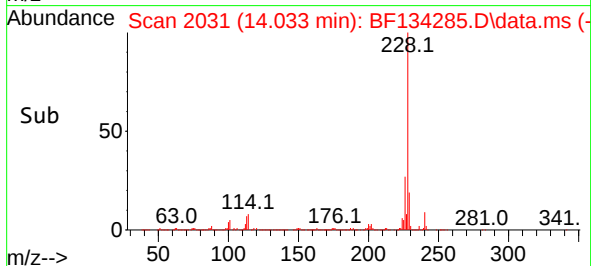
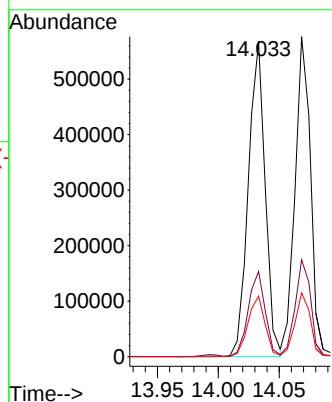
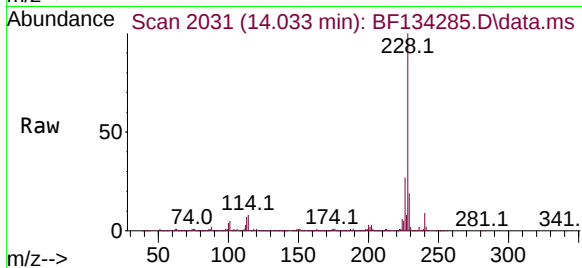
Tgt Ion:228 Resp: 546949

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

229 19.2 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 37.246 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

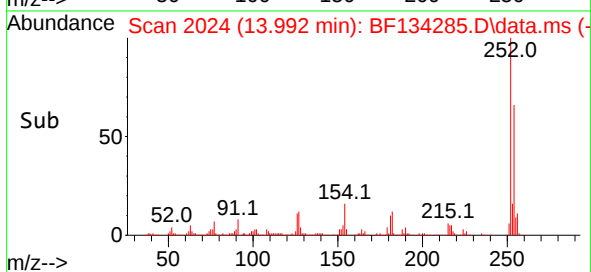
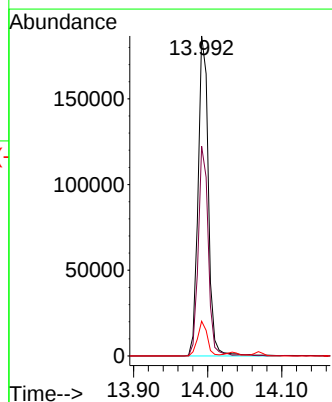
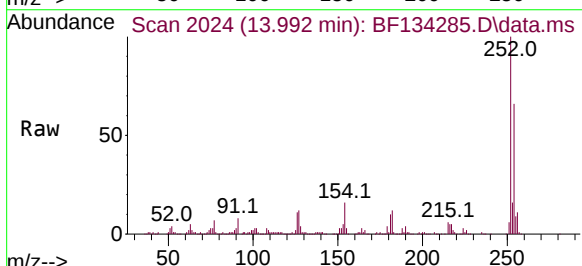
Tgt Ion:252 Resp: 179107

Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.0

126 10.8 7.4 11.2





#83

Chrysene

Concen: 35.186 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

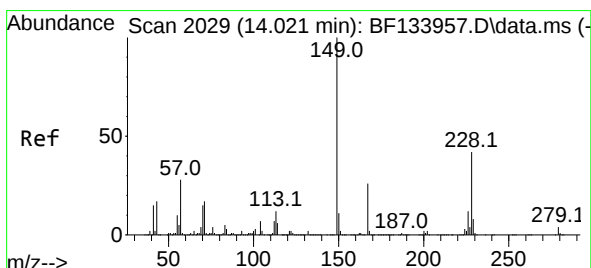
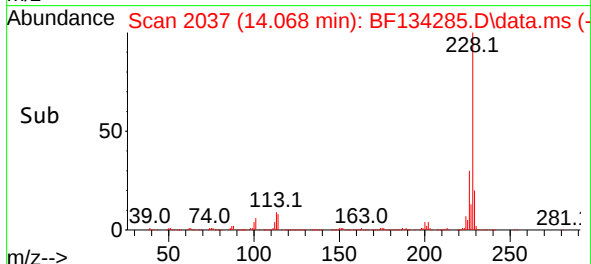
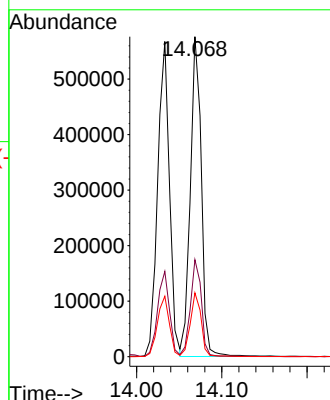
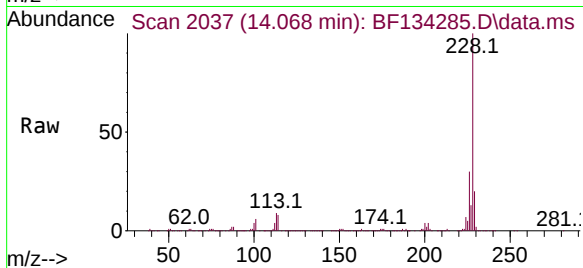
Tgt Ion:228 Resp: 517267

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.441 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

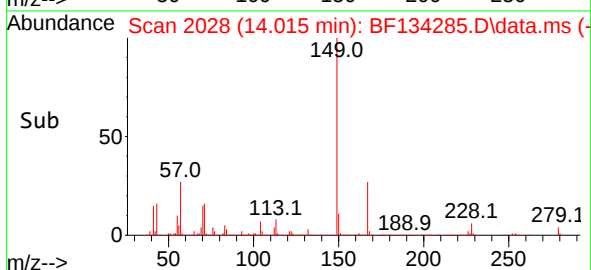
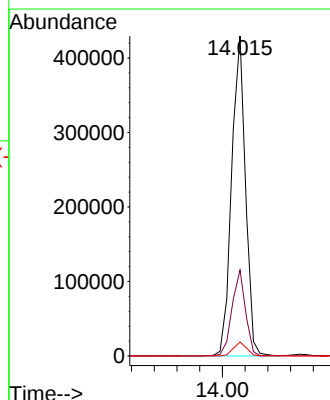
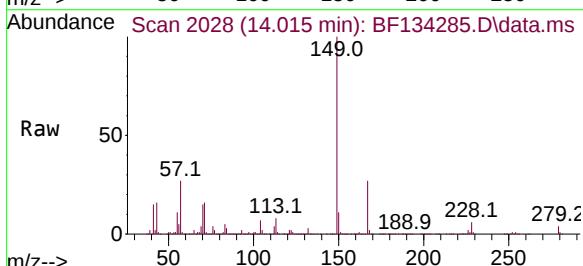
Tgt Ion:149 Resp: 363747

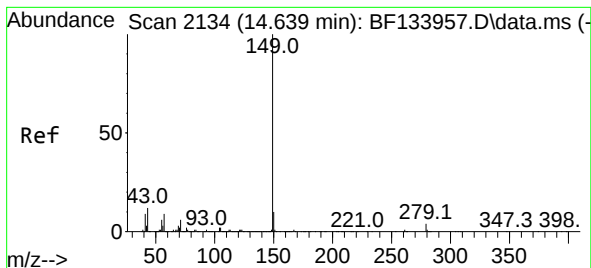
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

279 4.4 3.3 4.9

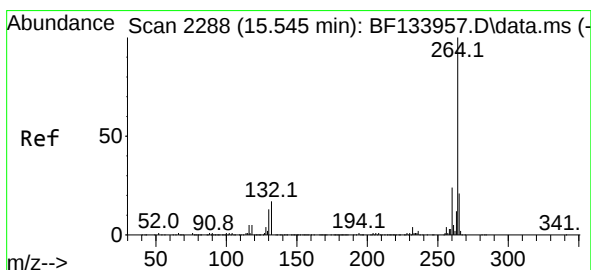
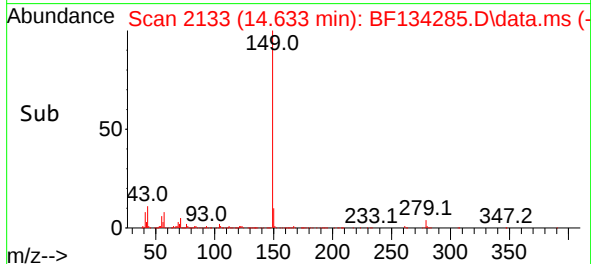
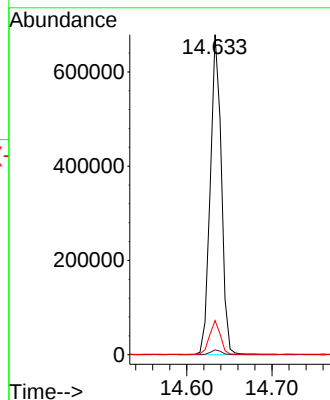
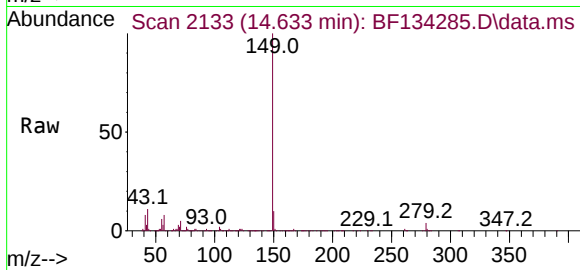




#85
Di-n-octyl phthalate
Concen: 47.548 ng
RT: 14.633 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

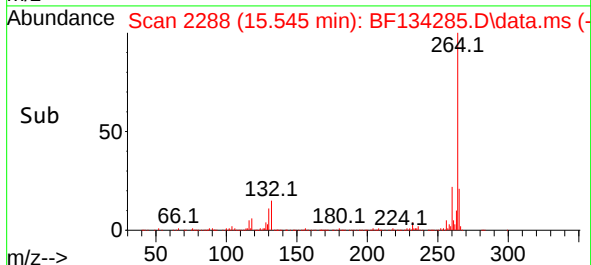
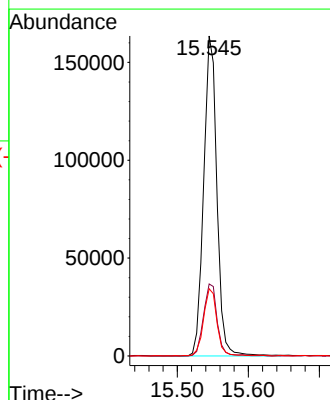
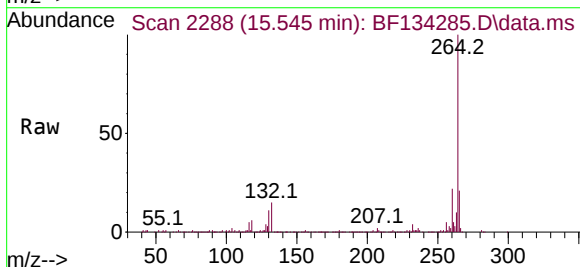
Instrument :
BNA_F
ClientSampleId :
PB154085BS

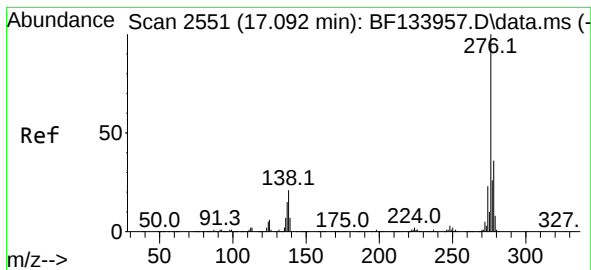
Tgt Ion:149 Resp: 613243
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:264 Resp: 211961
Ion Ratio Lower Upper
264 100
260 22.5 19.5 29.3
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.276 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB154085BS

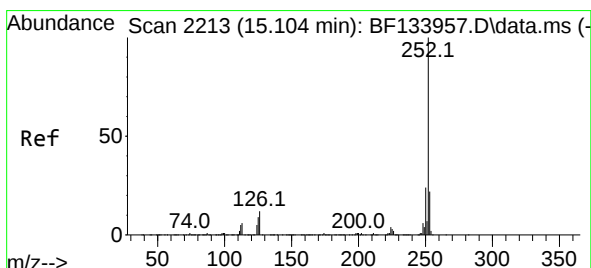
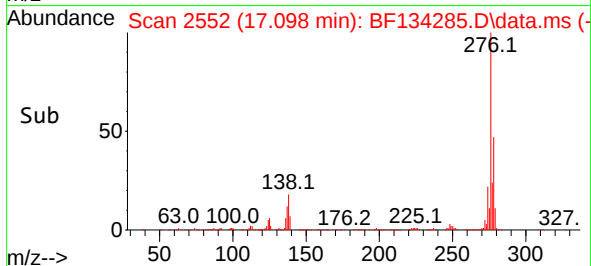
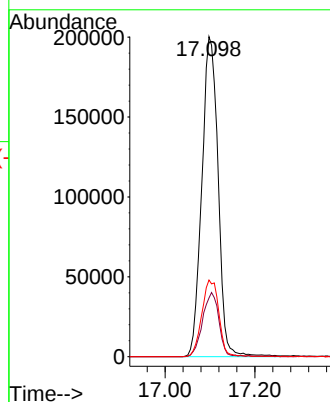
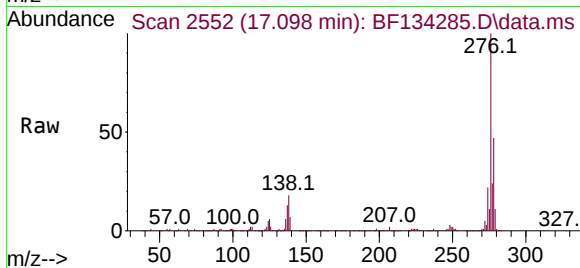
Tgt Ion:276 Resp: 504135

Ion Ratio Lower Upper

276 100

138 20.1 18.7 28.1

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 39.501 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134285.D

Acq: 14 Jul 2023 11:56

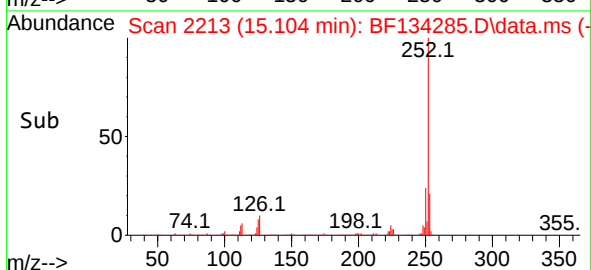
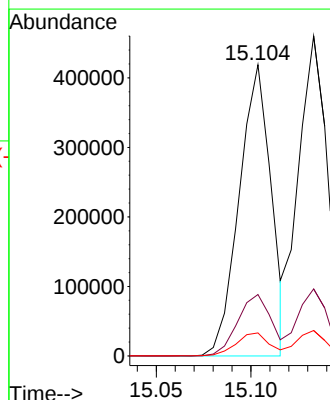
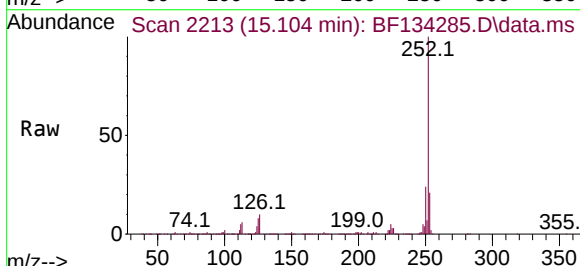
Tgt Ion:252 Resp: 492322

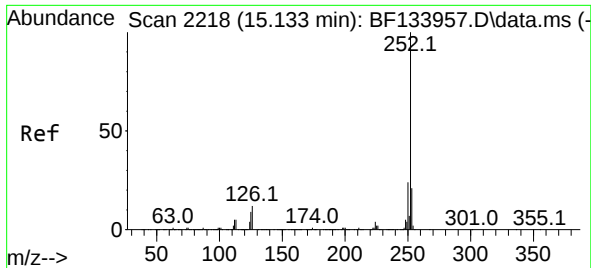
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 7.9 7.1 10.7

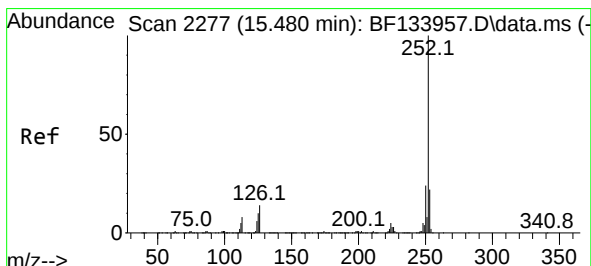
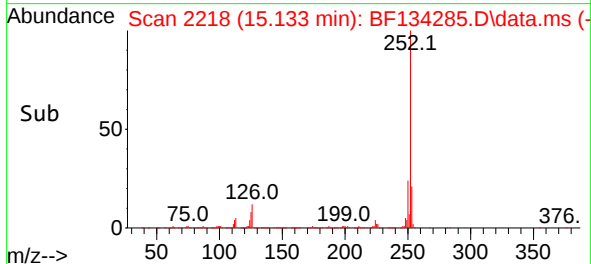
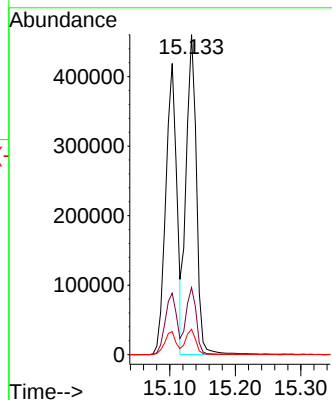
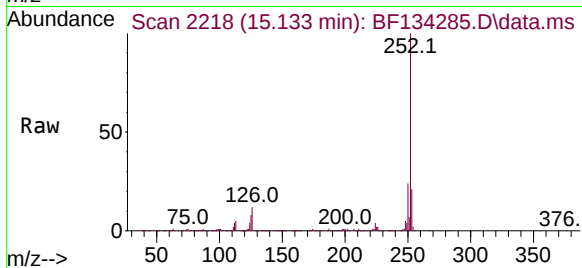




#89
Benzo(k)fluoranthene
Concen: 39.382 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

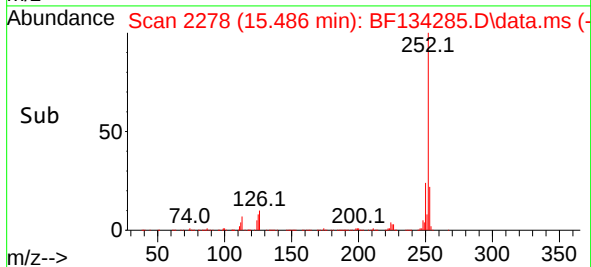
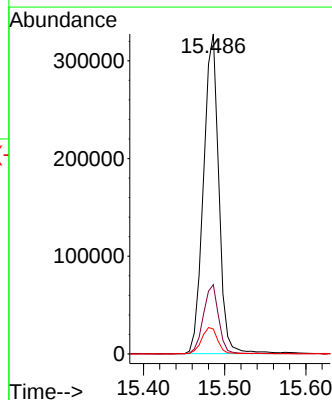
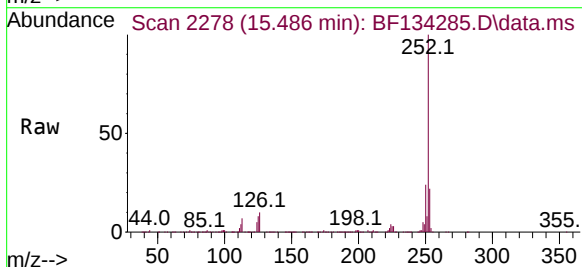
Instrument :
BNA_F
ClientSampleId :
PB154085BS

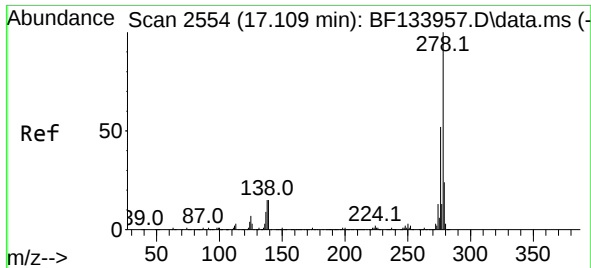
Tgt Ion:252 Resp: 499742
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 7.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 35.590 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:252 Resp: 428936
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 7.8 8.4 12.6#

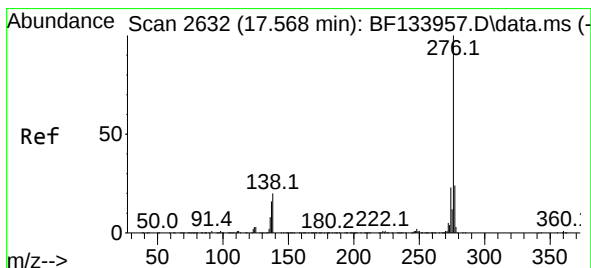
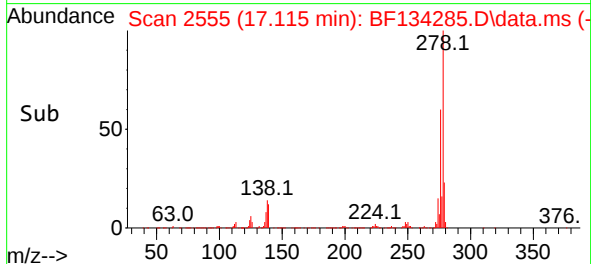
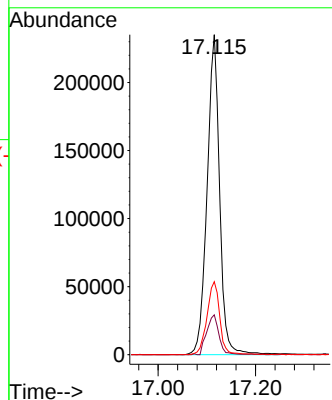
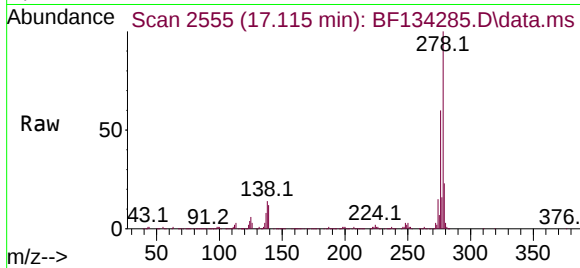




#91
Dibenzo(a,h)anthracene
Concen: 34.808 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB154085BS

Tgt Ion:278 Resp: 418159
Ion Ratio Lower Upper
278 100
139 12.4 12.2 18.4
279 22.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 32.389 ng
RT: 17.568 min Scan# 2632
Delta R.T. 0.000 min
Lab File: BF134285.D
Acq: 14 Jul 2023 11:56

Tgt Ion:276 Resp: 401254
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 16.0 16.2 24.2#

