

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134925.D
 Acq On : 24 Aug 2023 15:41
 Operator : CG\JU
 Sample : 04100-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Aug 25 01:19:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	104212	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	384999	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	156925	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	196902	20.000	ng	# 0.01
76) Chrysene-d12	14.010	240	195219	20.000	ng	# 0.03
86) Perylene-d12	15.474	264	201447	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	692410	105.952	ng	0.01
7) Phenol-d6	6.439	99	827518	99.097	ng	0.00
23) Nitrobenzene-d5	7.363	82	511784	73.250	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	161084	87.158	ng	0.01
45) 2-Fluorobiphenyl	9.157	172	812408	80.032	ng	0.00
79) Terphenyl-d14	12.945	244	625693	44.083	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	118495	41.780	ng	98
3) Pyridine	3.340	79	288636	37.765	ng	97
4) n-Nitrosodimethylamine	3.293	42	159132	47.092	ng	98
6) Aniline	6.469	93	219502	21.268	ng	99
8) 2-Chlorophenol	6.587	128	323311	47.148	ng	99
9) Benzaldehyde	6.351	77	125710	27.448	ng	99
10) Phenol	6.457	94	384409	44.962	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	320426	49.408	ng	97
12) 1,3-Dichlorobenzene	6.739	146	347024	48.521	ng	97
13) 1,4-Dichlorobenzene	6.816	146	354398	49.508	ng	99
14) 1,2-Dichlorobenzene	6.963	146	332319	50.085	ng	99
15) Benzyl Alcohol	6.939	79	273987	47.221	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	409579	43.613	ng	98
17) 2-Methylphenol	7.057	107	248014	41.790	ng	98
18) Hexachloroethane	7.304	117	115381	44.536	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	210843	43.231	ng	97
20) 3+4-Methylphenols	7.210	107	293364	45.255	ng	98
22) Acetophenone	7.204	105	416543	48.951	ng	97
24) Nitrobenzene	7.381	77	320545	45.722	ng	98
25) Isophorone	7.616	82	565934	43.378	ng	99
26) 2-Nitrophenol	7.692	139	114601	32.834	ng	97
27) 2,4-Dimethylphenol	7.734	122	246128	43.235	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	353986	45.524	ng	99
29) 2,4-Dichlorophenol	7.934	162	239117	42.512	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	279390	46.787	ng	100
31) Naphthalene	8.098	128	879049	45.726	ng	100
32) Benzoic acid	7.851	122	150856	35.908	ng	97
33) 4-Chloroaniline	8.151	127	112522	13.642	ng	98
34) Hexachlorobutadiene	8.210	225	166464	46.871	ng	98
35) Caprolactam	8.522	113	65561	37.338	ng	92
36) 4-Chloro-3-methylphenol	8.639	107	234539	39.513	ng	98
37) 2-Methylnaphthalene	8.792	142	525990	41.028	ng	100
38) 1-Methylnaphthalene	8.886	142	500159	41.722	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	248700	52.010	ng	99
41) Hexachlorocyclopentadiene	8.939	237	66646	31.481	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	150846	47.766	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134925.D
 Acq On : 24 Aug 2023 15:41
 Operator : CG\JU
 Sample : 04100-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

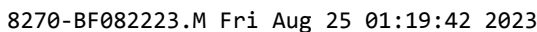
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

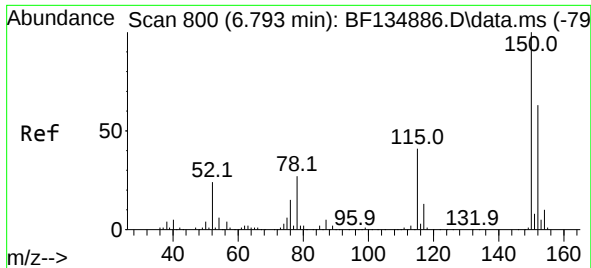
Quant Time: Aug 25 01:19:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	152613	41.741	ng	99
46) 1,1'-Biphenyl	9.257	154	626861	50.599	ng	99
47) 2-Chloronaphthalene	9.280	162	465267	50.288	ng	99
48) 2-Nitroaniline	9.380	65	160114	52.645	ng	98
49) Acenaphthylene	9.698	152	682064	47.870	ng	99
50) Dimethylphthalate	9.563	163	526854	47.166	ng	99
51) 2,6-Dinitrotoluene	9.622	165	99408	40.350	ng	91
52) Acenaphthene	9.869	154	400733	44.645	ng	99
53) 3-Nitroaniline	9.792	138	99788	37.084	ng	# 97
54) 2,4-Dinitrophenol	9.904	184	4903	4.206	ng	# 56
55) Dibenzofuran	10.045	168	555673	42.520	ng	95
56) 4-Nitrophenol	9.963	139	154394	82.333	ng	# 77
57) 2,4-Dinitrotoluene	10.028	165	107493	35.281	ng	97
58) Fluorene	10.392	166	386222	38.966	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	106109	37.249	ng	# 98
60) Diethylphthalate	10.269	149	429813	41.999	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	198676	39.985	ng	94
62) 4-Nitroaniline	10.410	138	84522	33.601	ng	83
63) Azobenzene	10.551	77	363445	35.749	ng	92
65) 4,6-Dinitro-2-methylph...	10.439	198	4925	4.239	ng	# 1
66) n-Nitrosodiphenylamine	10.504	169	332736	52.476	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	107077	47.136	ng	# 82
68) Hexachlorobenzene	10.951	284	124353	51.471	ng	# 91
69) Atrazine	11.086	200	98179	57.020	ng	74
70) Pentachlorophenol	11.151	266	129770	89.253	ng	97
71) Phenanthrene	11.369	178	682581	66.154	ng	96
72) Anthracene	11.422	178	541973	51.266	ng	96
73) Carbazole	11.580	167	422720	48.525	ng	# 95
74) Di-n-butylphthalate	11.921	149	469833	47.025	ng	97
75) Fluoranthene	12.580	202	931004	95.230	ng	96
78) Pyrene	12.810	202	919742	44.436	ng	98
80) Butylbenzylphthalate	13.427	149	243921	38.680	ng	91
81) Benzo(a)anthracene	13.998	228	936626	70.321	ng	97
83) Chrysene	14.039	228	854621	65.031	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	353245	51.711	ng	99
85) Di-n-octyl phthalate	14.598	149	701922	63.013	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.974	276	636411	44.198	ng	98
88) Benzo(b)fluoranthene	15.051	252	970241	85.367	ng	98
89) Benzo(k)fluoranthene	15.080	252	720960	64.598	ng	97
90) Benzo(a)pyrene	15.415	252	749253	66.037	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	435087	37.344	ng	99
92) Benzo(g,h,i)perylene	17.427	276	515443	43.218	ng	98

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

Quant Time: Aug 25 01:19:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

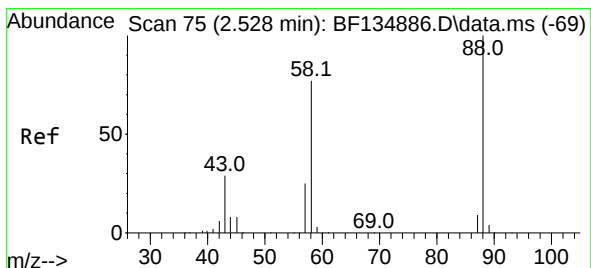
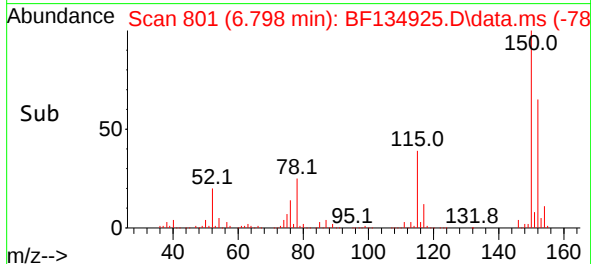
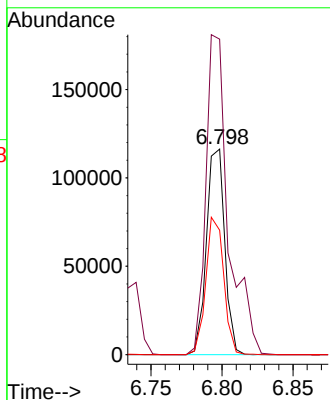
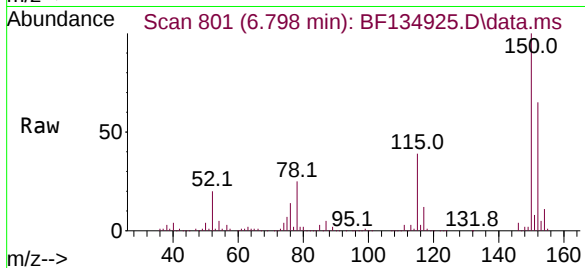




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.005 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

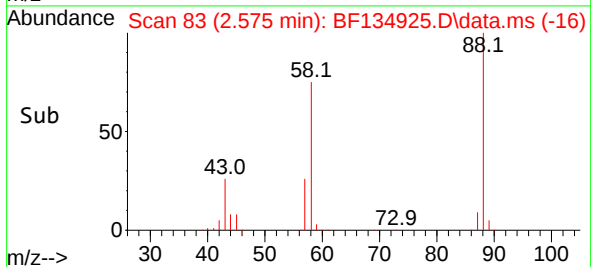
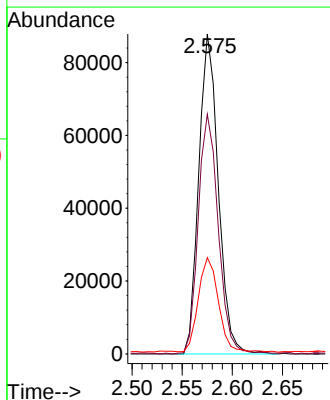
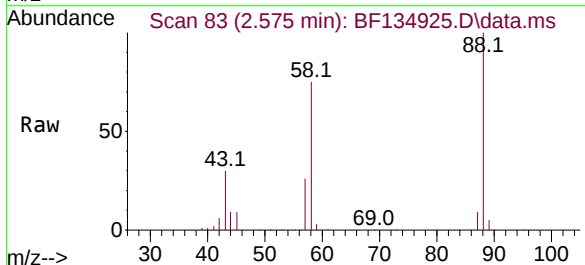
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

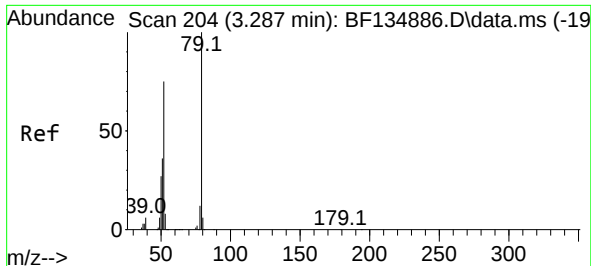
Tgt Ion:152 Resp: 104212
Ion Ratio Lower Upper
152 100
150 153.5 126.1 189.1
115 60.6 51.1 76.7



#2
1,4-Dioxane
Concen: 41.780 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.047 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion: 88 Resp: 118495
Ion Ratio Lower Upper
88 100
58 76.9 62.6 93.8
43 30.8 23.3 34.9

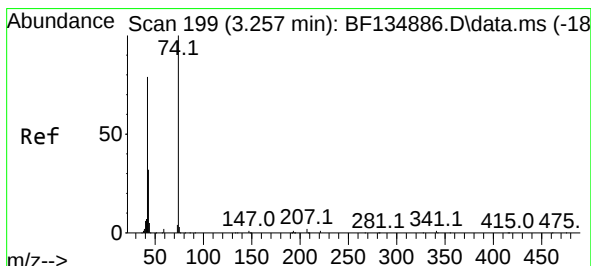
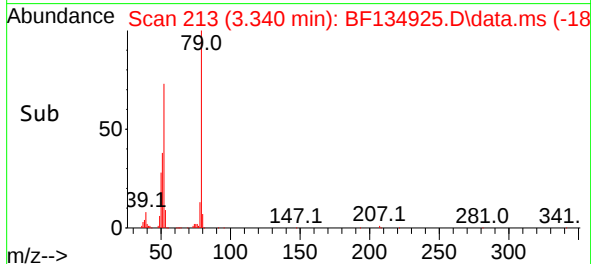
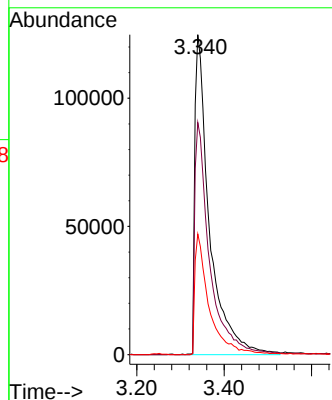
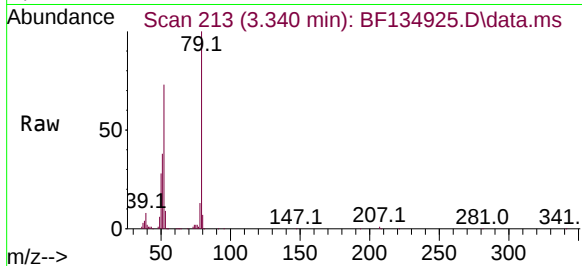




#3
Pyridine
Concen: 37.765 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

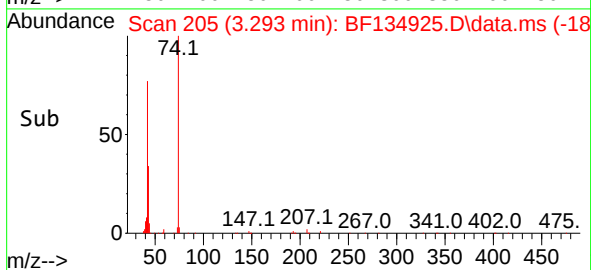
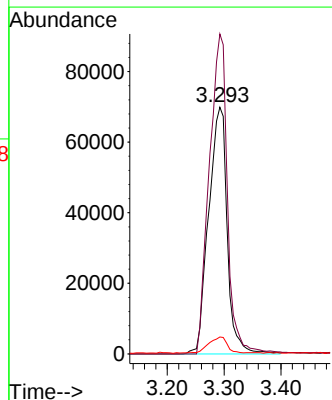
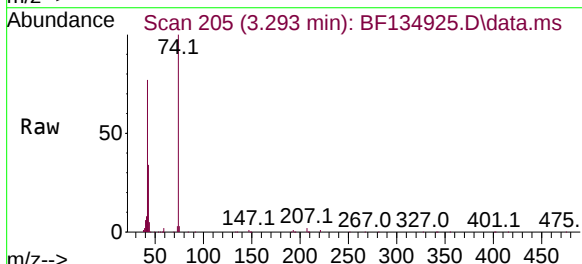
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

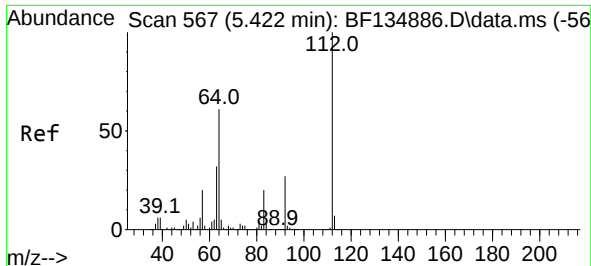
Tgt Ion: 79 Resp: 288636
Ion Ratio Lower Upper
79 100
52 72.5 60.1 90.1
51 37.7 29.4 44.0



#4
n-Nitrosodimethylamine
Concen: 47.092 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.035 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion: 42 Resp: 159132
Ion Ratio Lower Upper
42 100
74 129.7 101.8 152.8
44 6.9 5.4 8.0

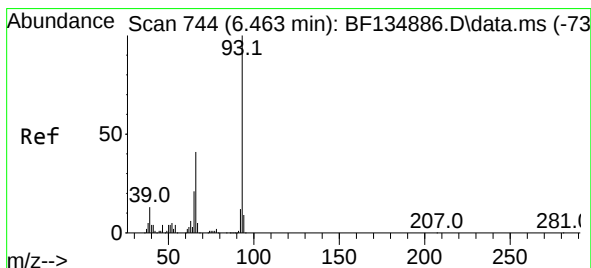
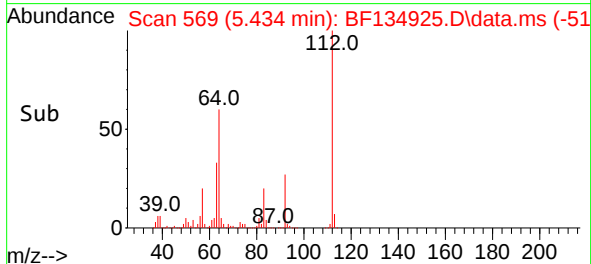
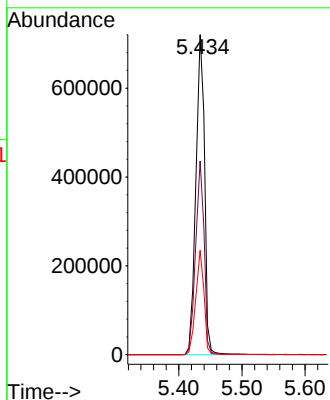
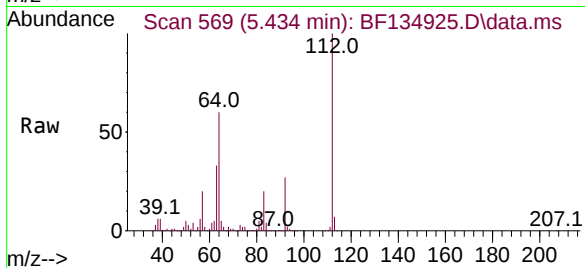




#5
2-Fluorophenol
Concen: 105.952 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.012 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

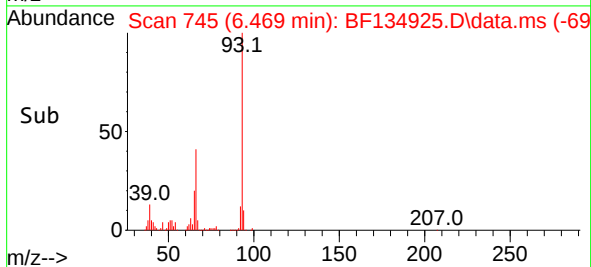
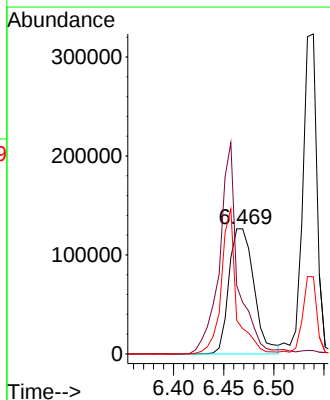
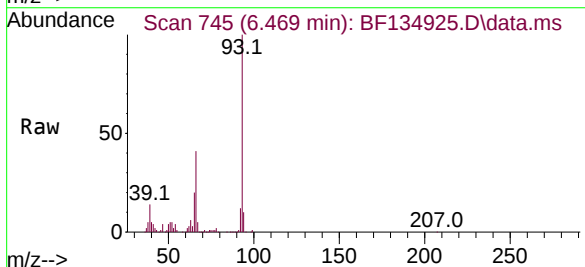
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

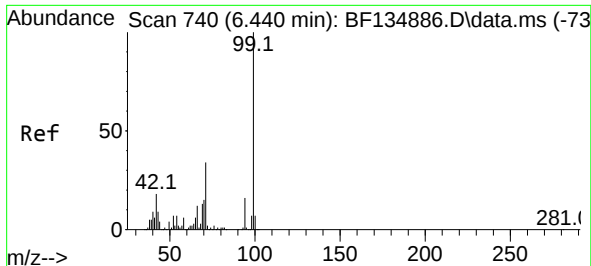
Tgt Ion:112 Resp: 692410
Ion Ratio Lower Upper
112 100
64 60.5 48.6 73.0
63 32.6 25.7 38.5



#6
Aniline
Concen: 21.268 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion: 93 Resp: 219502
Ion Ratio Lower Upper
93 100
66 41.2 32.7 49.1
65 20.1 16.7 25.1

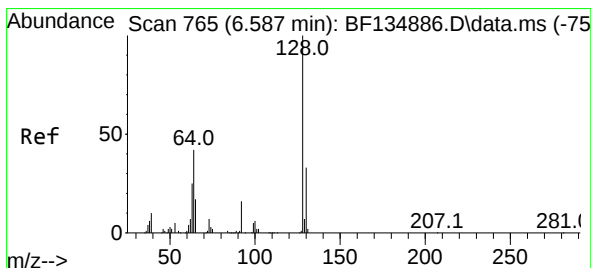
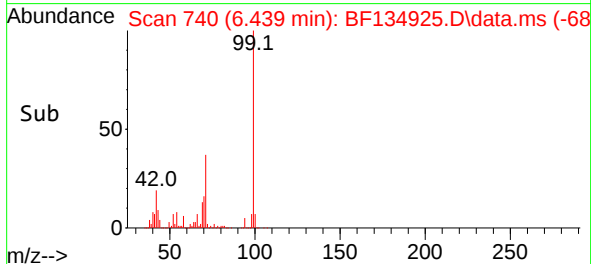
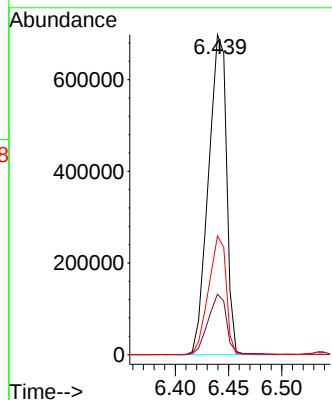
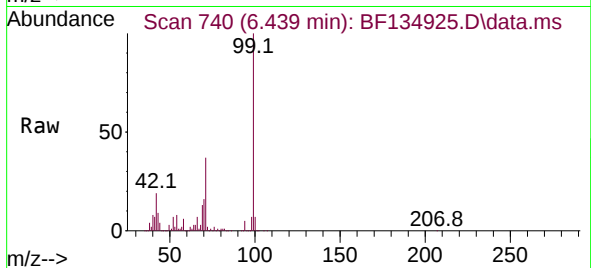




#7
Phenol-d6
Concen: 99.097 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

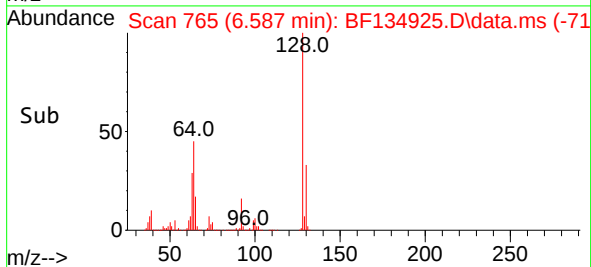
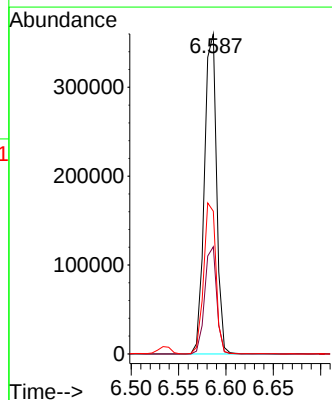
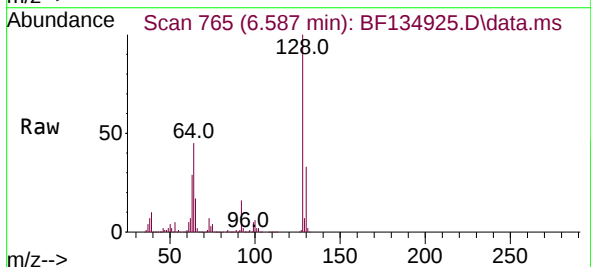
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

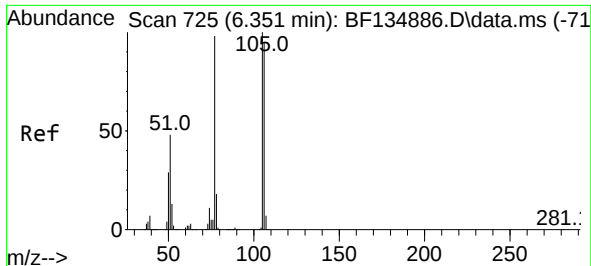
Tgt Ion: 99 Resp: 827518
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 37.1 27.6 41.4



#8
2-Chlorophenol
Concen: 47.148 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion: 128 Resp: 323311
Ion Ratio Lower Upper
128 100
130 33.5 13.0 53.0
64 44.6 23.4 63.4





#9

Benzaldehyde

Concen: 27.448 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

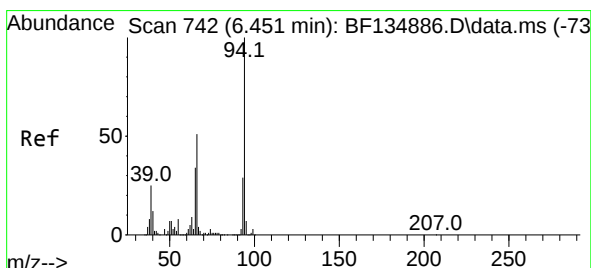
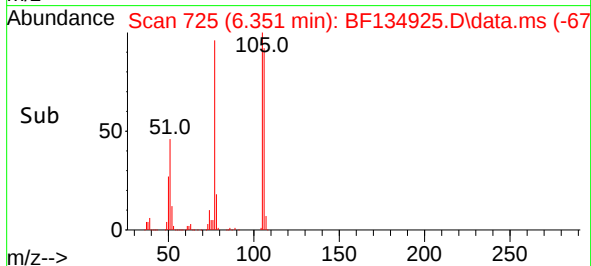
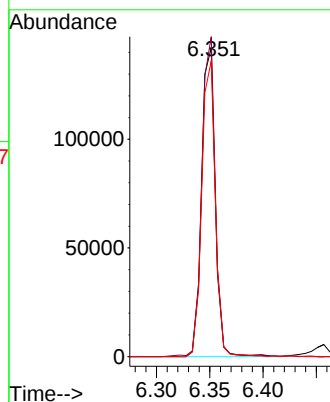
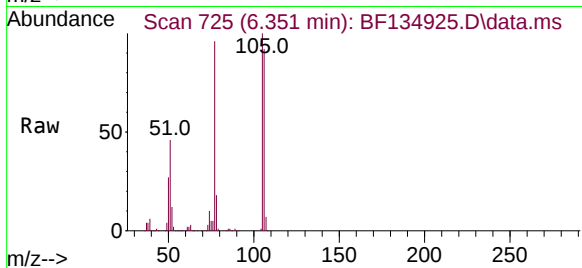
Tgt Ion: 77 Resp: 125710

Ion Ratio Lower Upper

77 100

105 103.6 82.4 122.4

106 95.8 77.2 117.2



#10

Phenol

Concen: 44.962 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

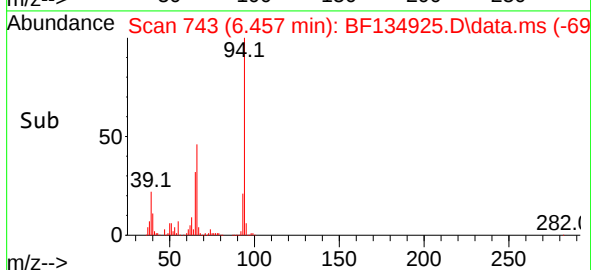
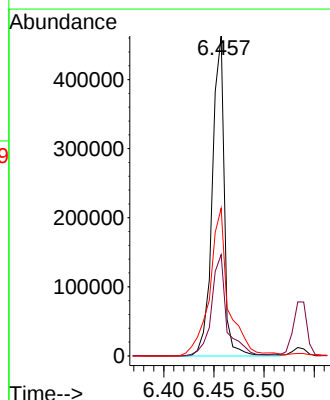
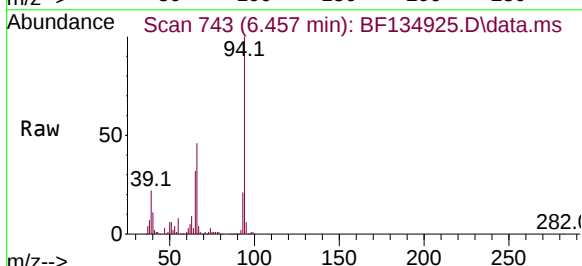
Tgt Ion: 94 Resp: 384409

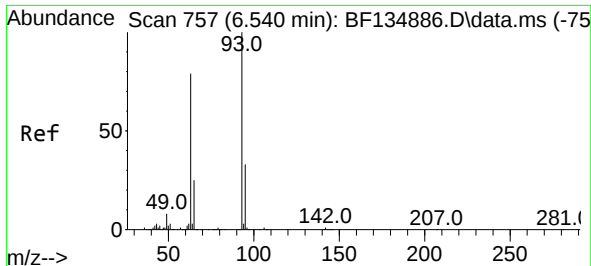
Ion Ratio Lower Upper

94 100

65 31.7 14.0 54.0

66 46.1 31.1 71.1





#11

bis(2-Chloroethyl)ether

Concen: 49.408 ng

RT: 6.539 min Scan# 711

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

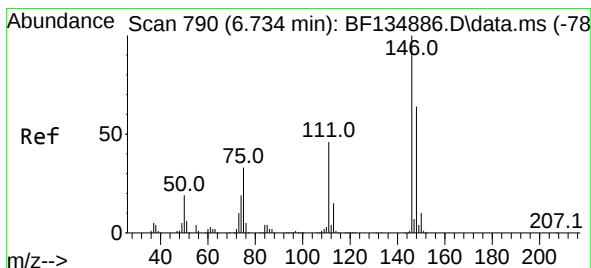
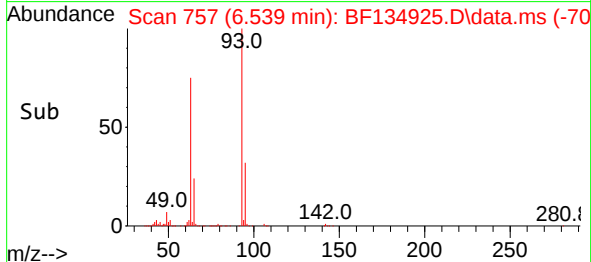
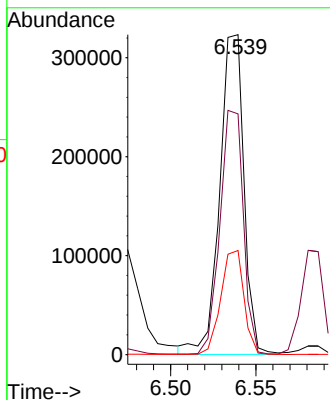
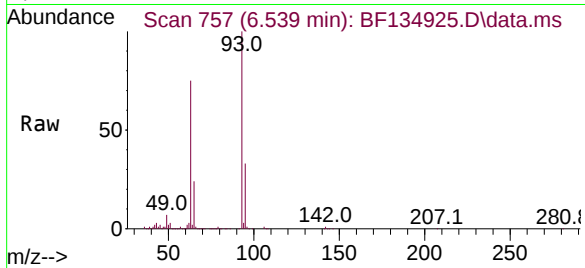
Tgt Ion: 93 Resp: 320426

Ion Ratio Lower Upper

93 100

63 75.2 58.7 98.7

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.521 ng

RT: 6.739 min Scan# 791

Delta R.T. 0.006 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

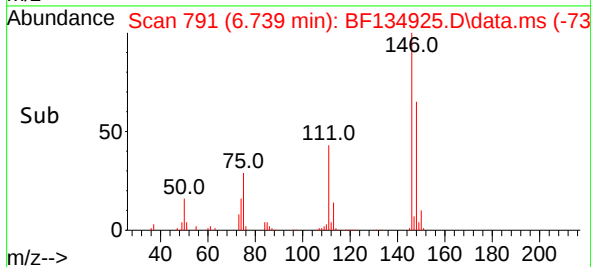
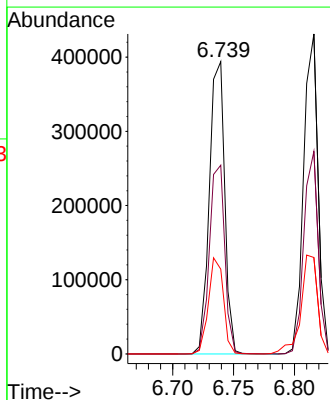
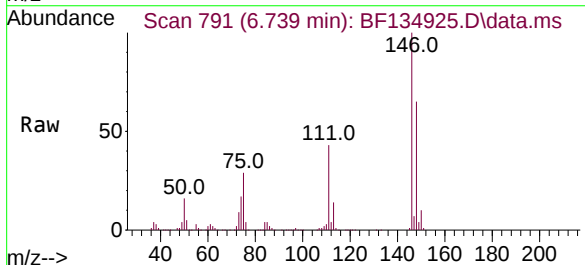
Tgt Ion:146 Resp: 347024

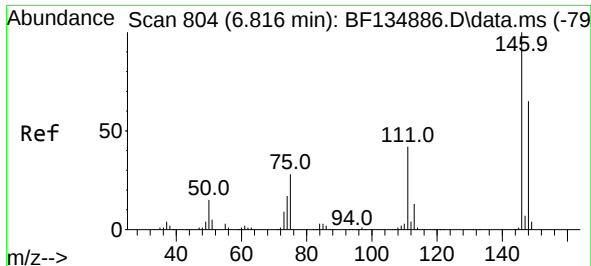
Ion Ratio Lower Upper

146 100

148 64.5 51.2 76.8

75 29.0 26.4 39.6

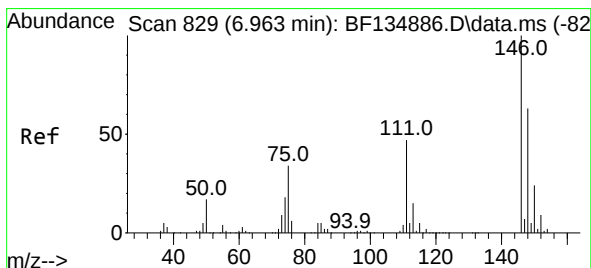
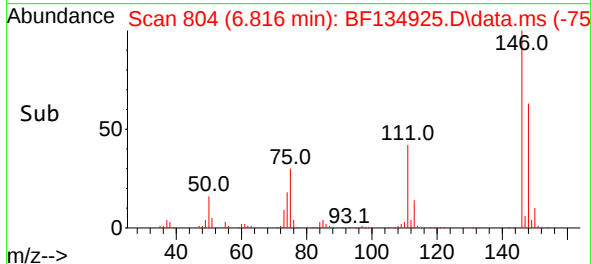
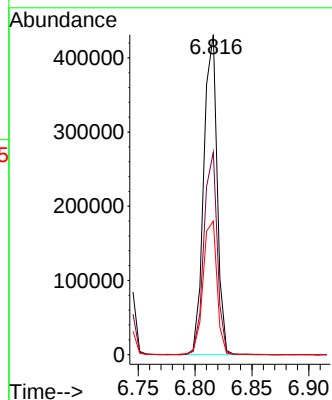
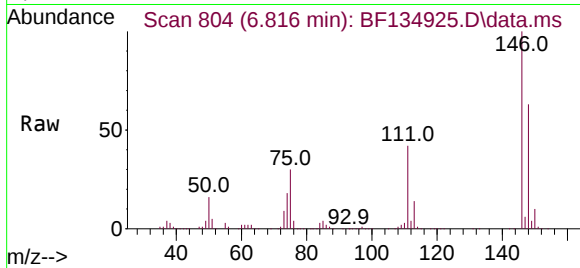




#13
1,4-Dichlorobenzene
Concen: 49.508 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

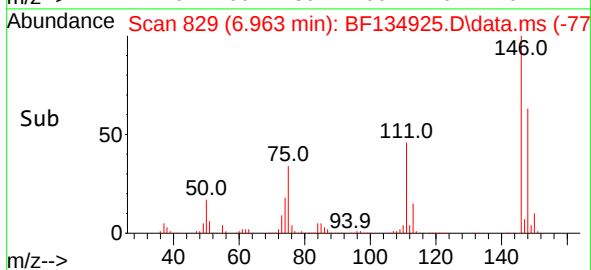
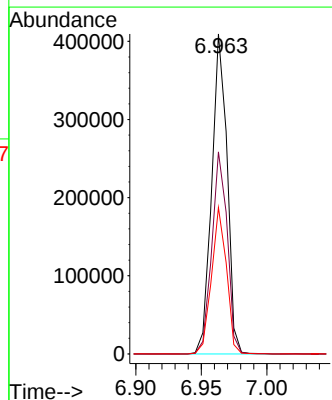
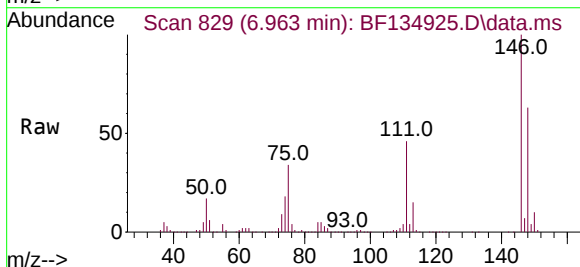
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

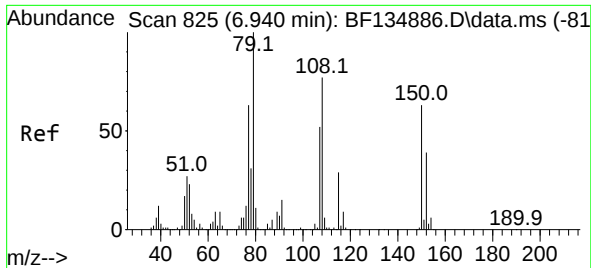
Tgt Ion:146 Resp: 354398
Ion Ratio Lower Upper
146 100
148 63.3 52.1 78.1
111 41.8 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 50.085 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:146 Resp: 332319
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 45.7 37.5 56.3

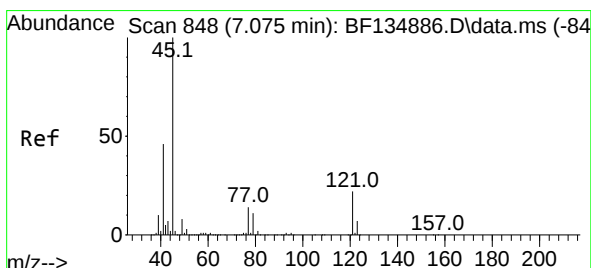
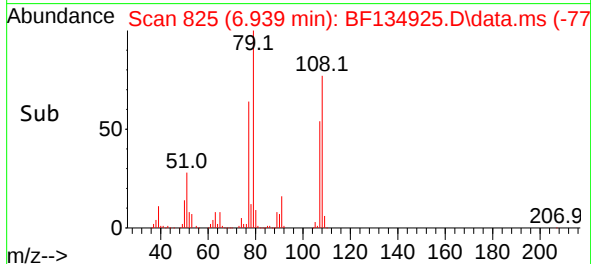
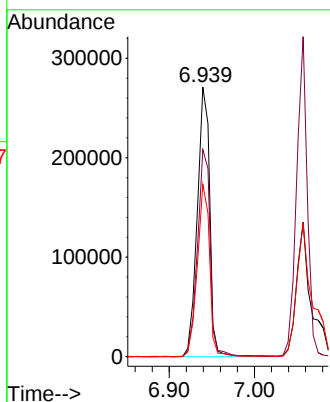
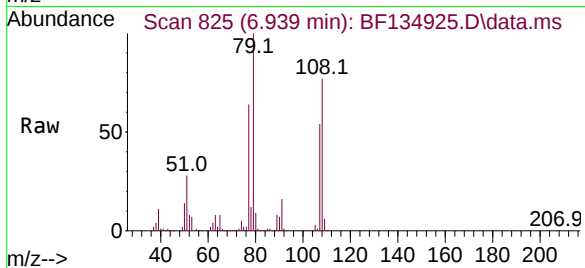




#15
Benzyl Alcohol
Concen: 47.221 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

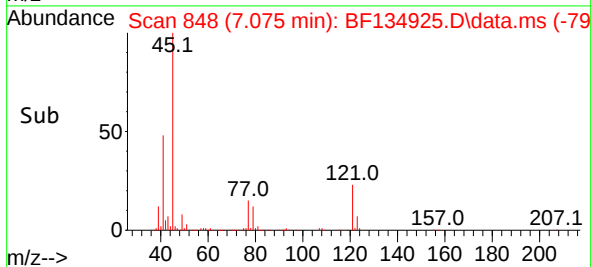
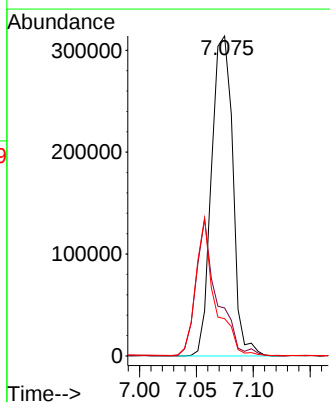
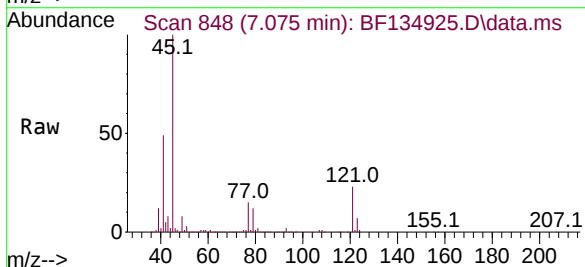
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

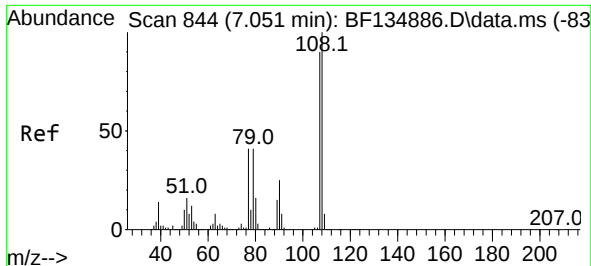
Tgt Ion: 79 Resp: 273987
Ion Ratio Lower Upper
79 100
108 76.8 61.4 92.2
77 63.9 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.613 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion: 45 Resp: 409579
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.9
79 11.6 0.0 31.1

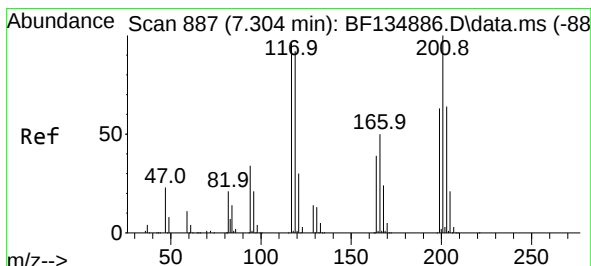
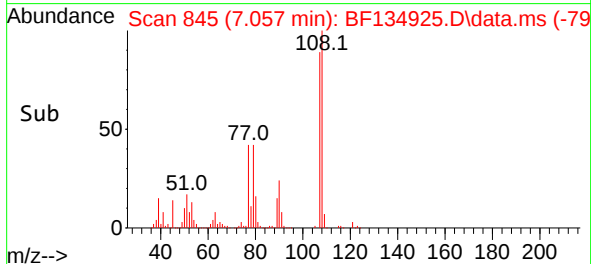
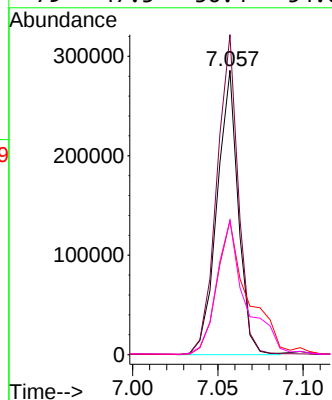
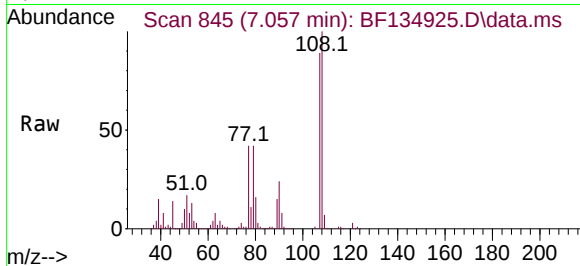




#17
2-Methylphenol
Concen: 41.790 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

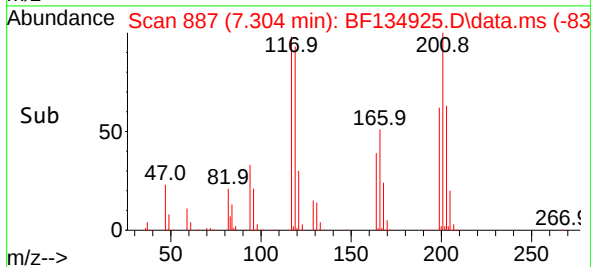
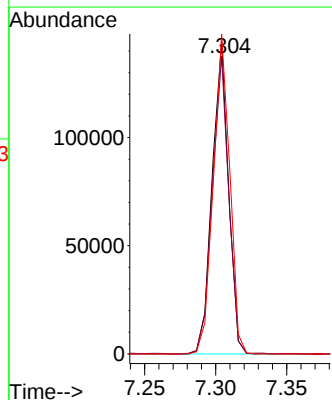
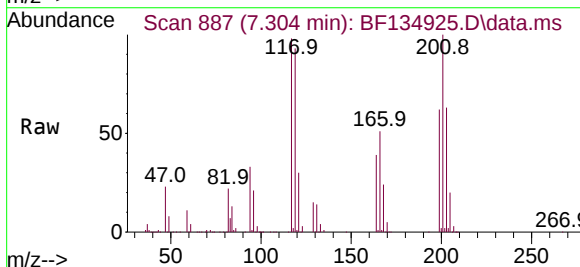
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

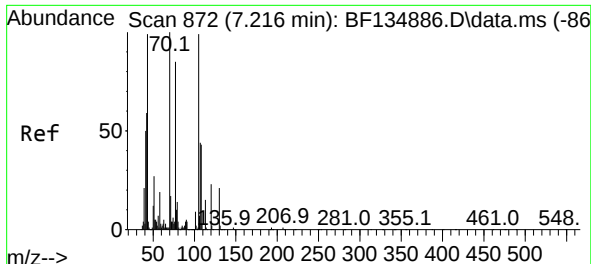
Tgt Ion:	107	Resp:	248014
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.0	133.6
77	47.0	36.5	54.7
79	47.3	36.4	54.6



#18
Hexachloroethane
Concen: 44.536 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:	117	Resp:	115381
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	114.8
201	102.5	83.4	125.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.231 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 70 Resp: 210843

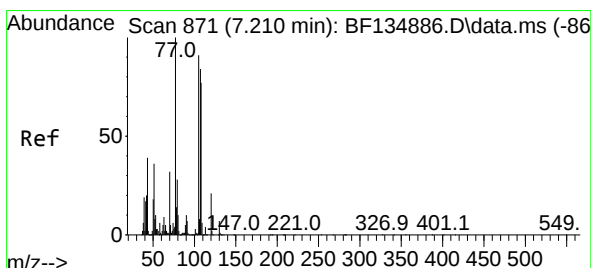
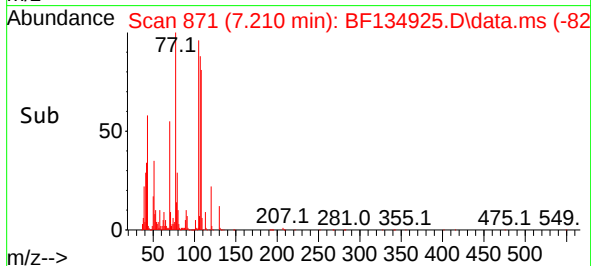
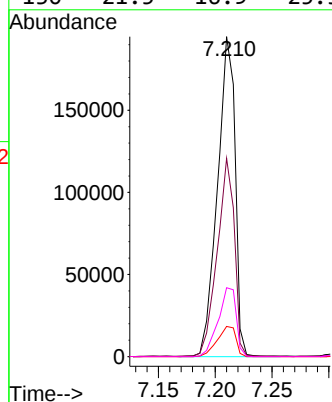
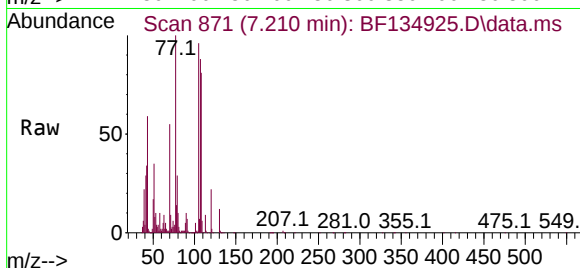
Ion Ratio Lower Upper

70 100

42 62.0 46.9 70.3

101 9.4 7.5 11.3

130 21.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.255 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Tgt Ion: 107 Resp: 293364

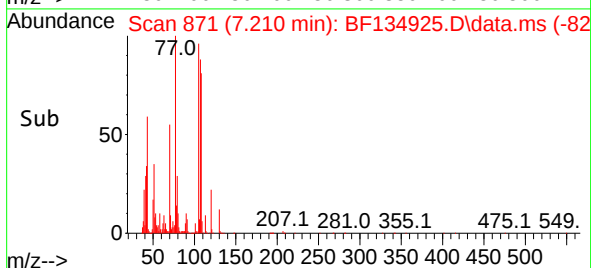
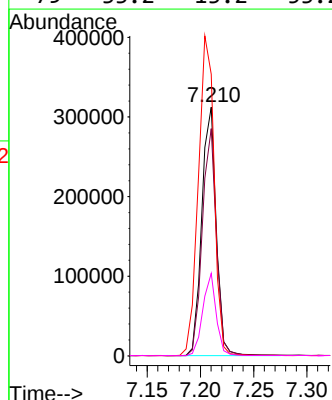
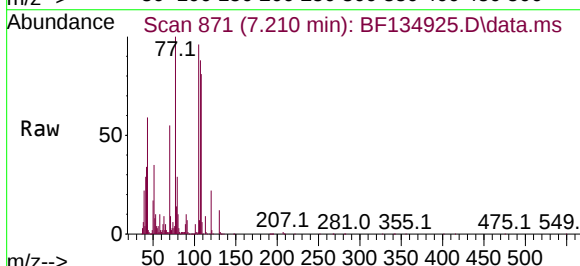
Ion Ratio Lower Upper

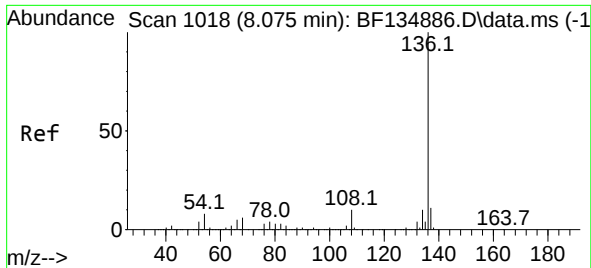
107 100

108 91.4 71.7 111.7

77 113.3 98.4 138.4

79 33.2 13.2 53.2

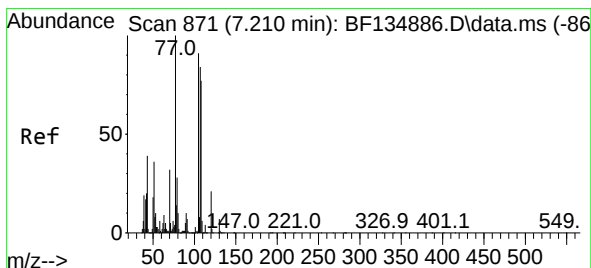
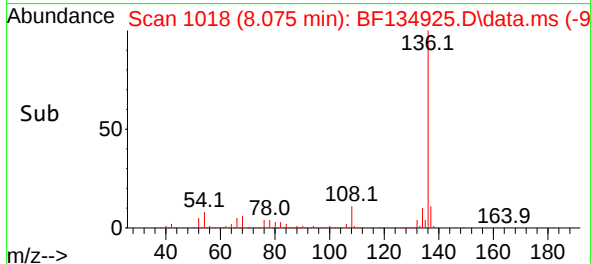
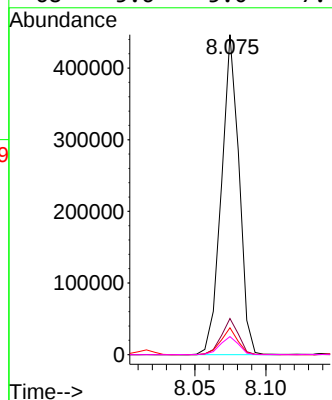
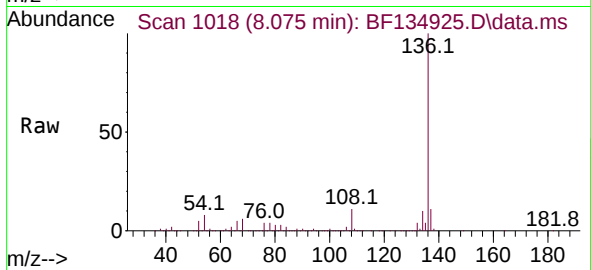




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

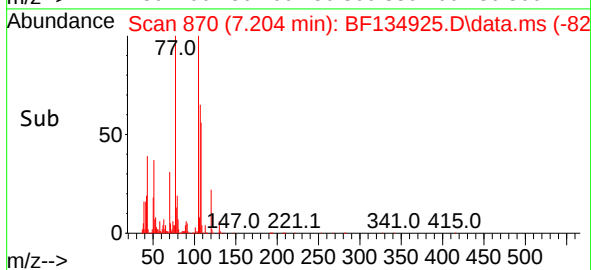
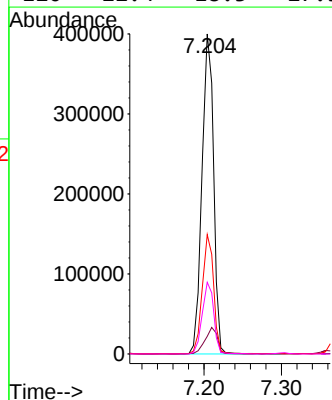
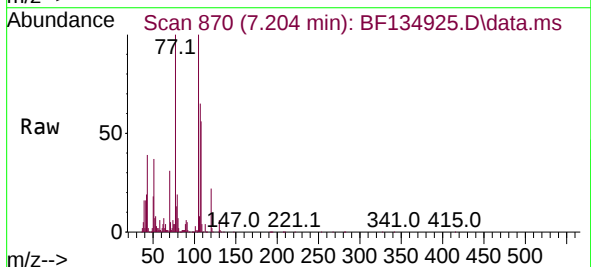
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

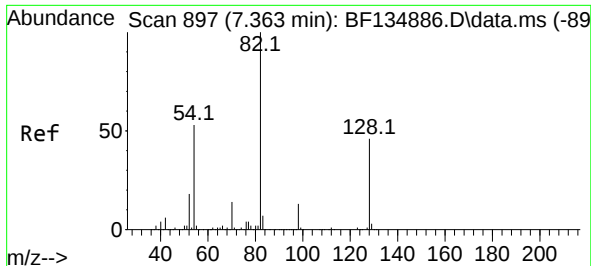
Tgt Ion:	136	Resp:	384999
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.4	6.6	9.8
68	5.6	5.0	7.4



#22
Acetophenone
Concen: 48.951 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:	105	Resp:	416543
Ion Ratio	Lower	Upper	
105	100		
71	5.5	4.6	6.8
51	37.3	32.2	48.2
120	22.4	18.3	27.5





#23

Nitrobenzene-d5

Concen: 73.250 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

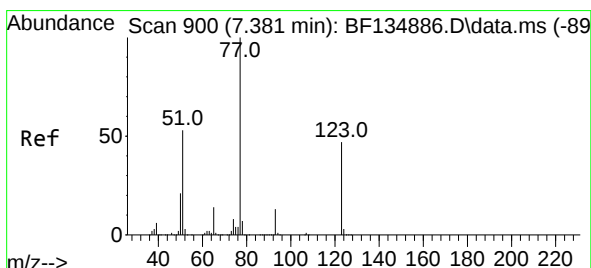
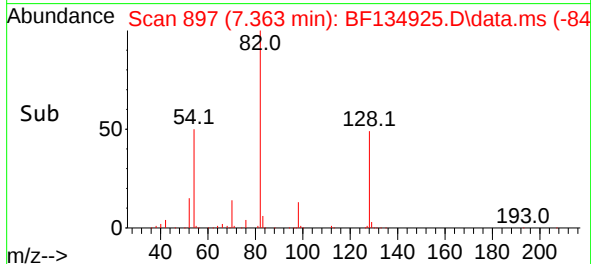
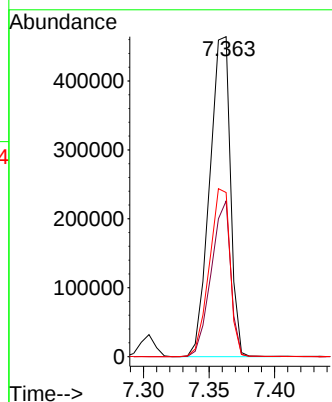
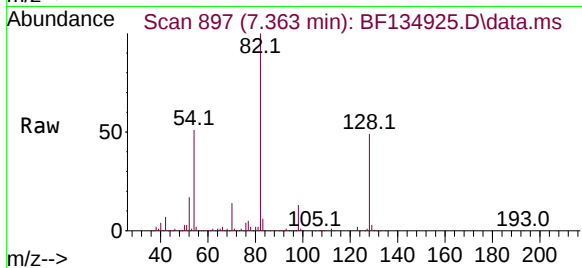
Tgt Ion: 82 Resp: 511784

Ion Ratio Lower Upper

82 100

128 48.6 36.6 54.8

54 51.3 42.6 63.8



#24

Nitrobenzene

Concen: 45.722 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

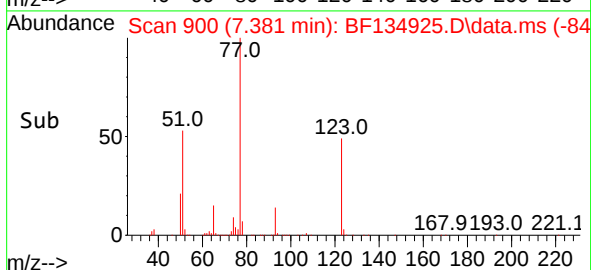
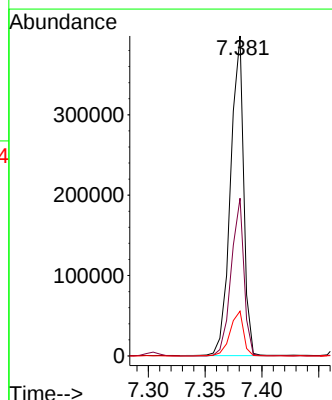
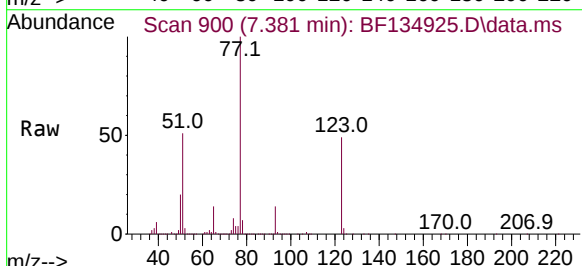
Tgt Ion: 77 Resp: 320545

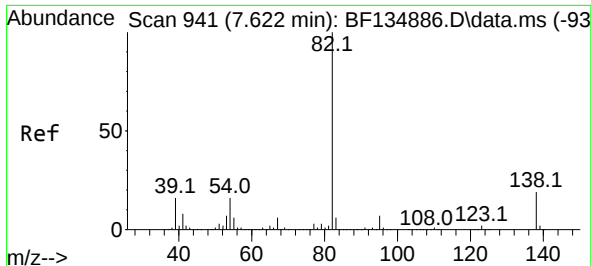
Ion Ratio Lower Upper

77 100

123 49.3 37.9 56.9

65 14.0 11.1 16.7

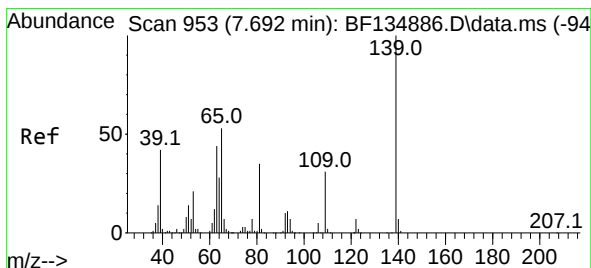
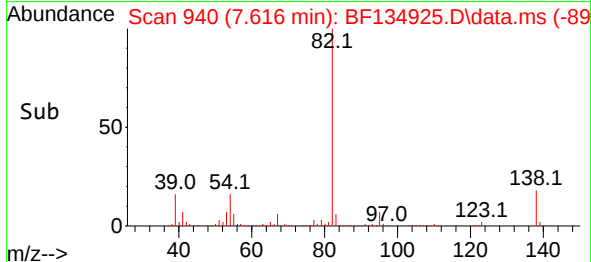
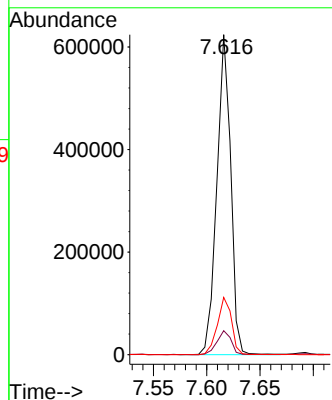
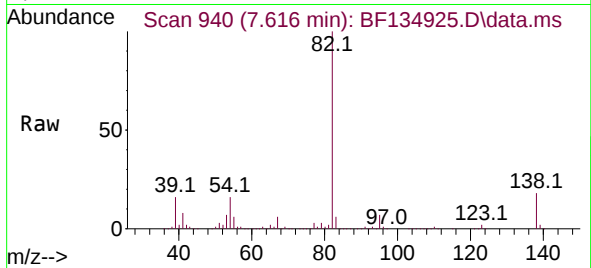




#25
Isophorone
Concen: 43.378 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

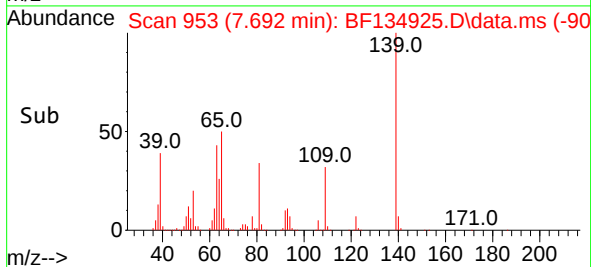
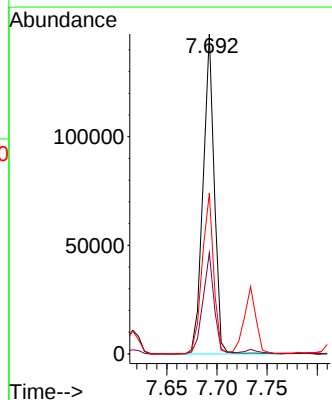
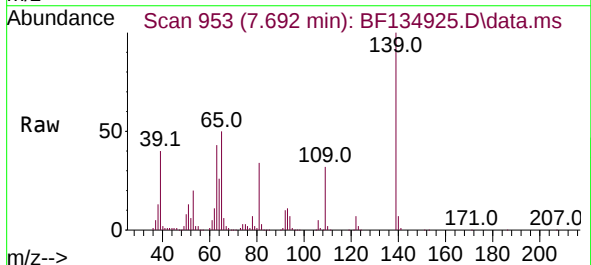
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

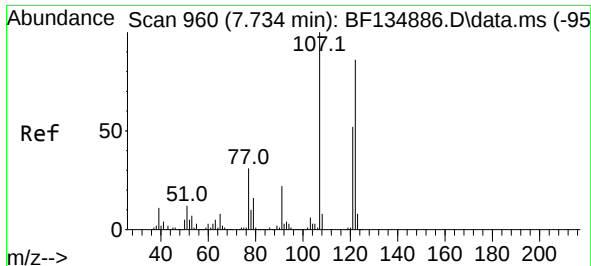
Tgt Ion: 82	Resp: 565934
Ion Ratio	Lower Upper
82 100	
95 7.5	5.9 8.9
138 17.9	14.9 22.3



#26
2-Nitrophenol
Concen: 32.834 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:139	Resp: 114601		
Ion Ratio	Lower	Upper	
139 100			
109 31.6	24.5	36.7	
65 50.2	42.4	63.6	





#27

2,4-Dimethylphenol

Concen: 43.235 ng

RT: 7.734 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

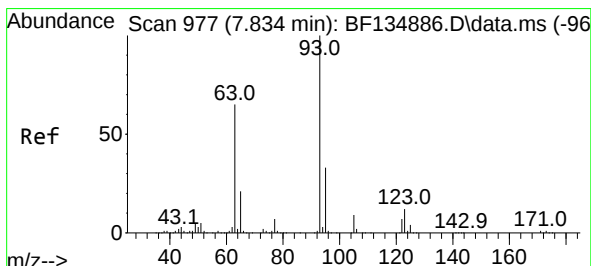
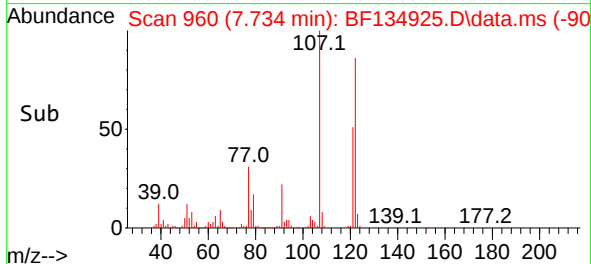
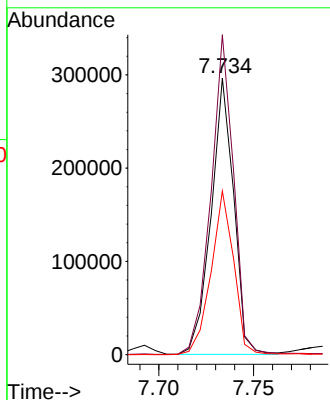
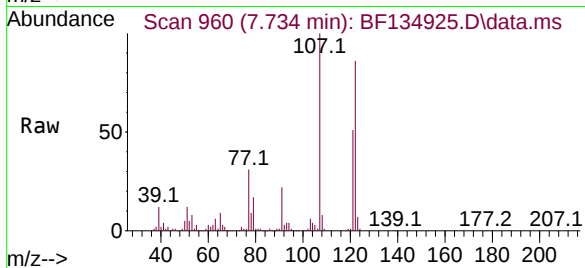
Tgt Ion:122 Resp: 246128

Ion Ratio Lower Upper

122 100

107 115.7 92.9 139.3

121 59.1 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.524 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

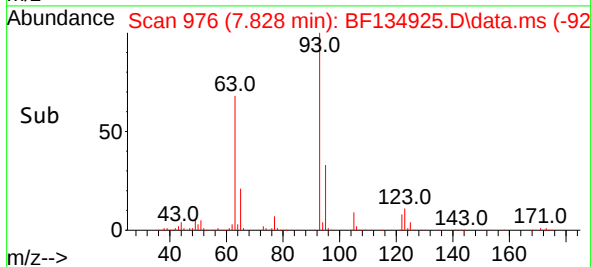
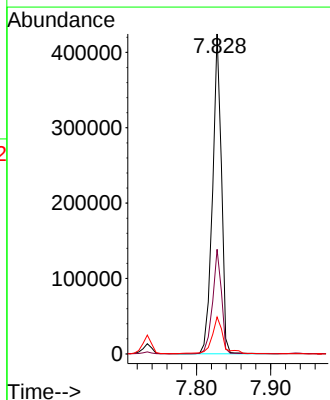
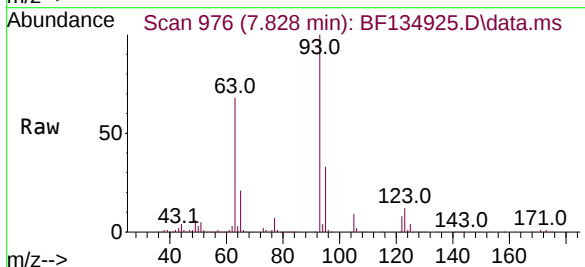
Tgt Ion: 93 Resp: 353986

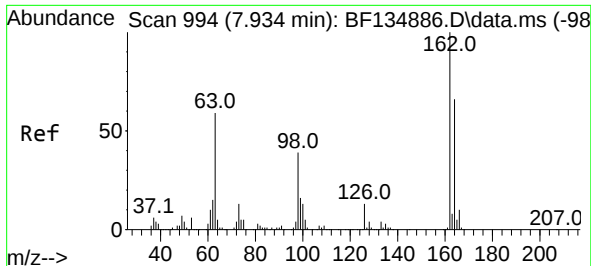
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.512 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

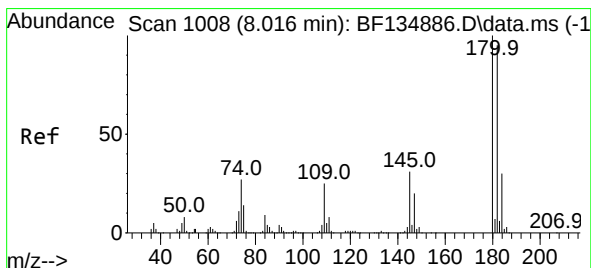
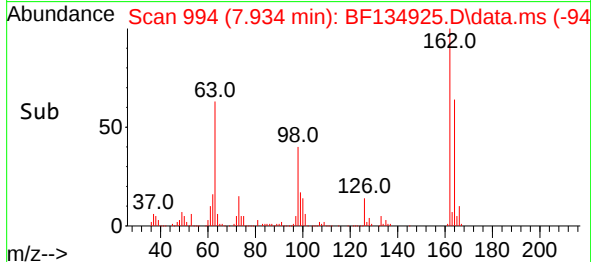
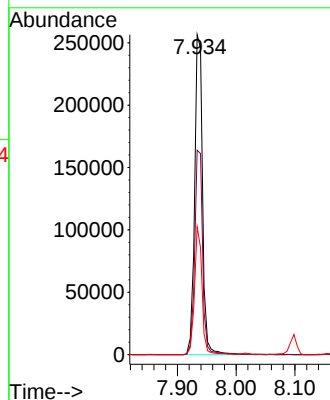
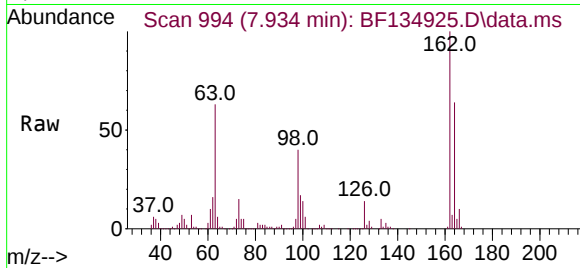
Tgt Ion:162 Resp: 239117

Ion Ratio Lower Upper

162 100

164 63.9 45.6 85.6

98 39.9 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 46.787 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

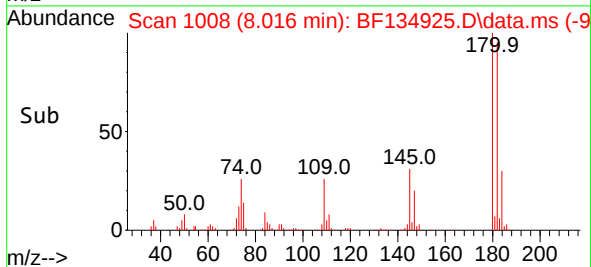
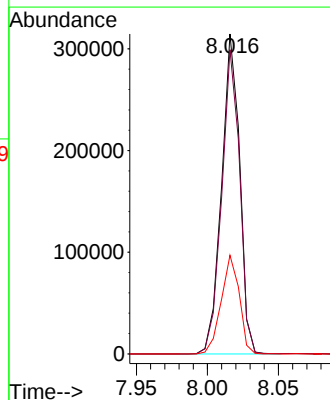
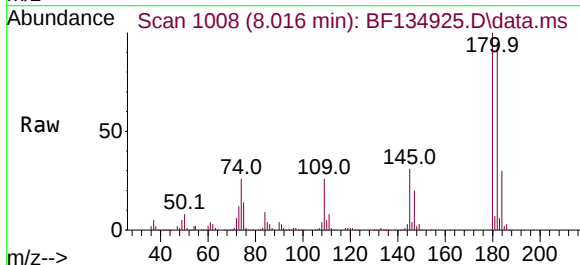
Tgt Ion:180 Resp: 279390

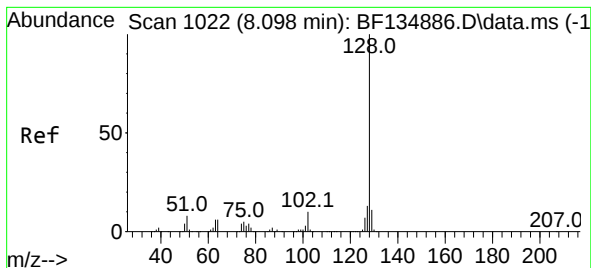
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 30.8 24.6 37.0





#31

Naphthalene

Concen: 45.726 ng

RT: 8.098 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

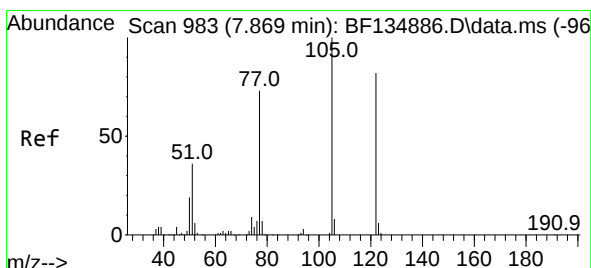
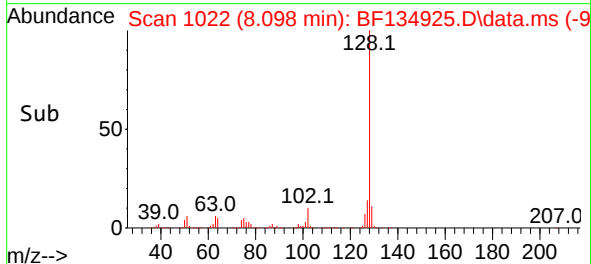
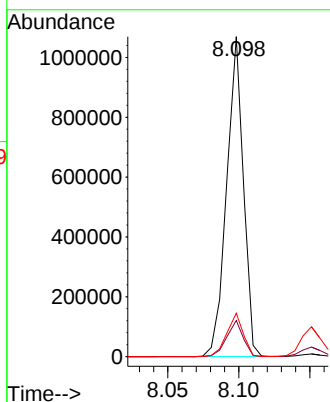
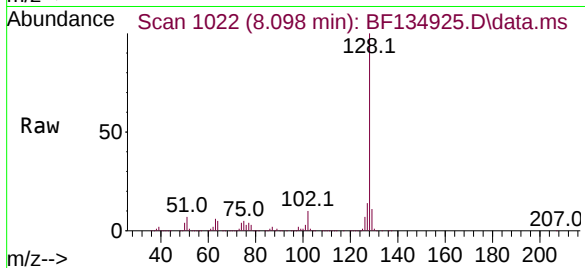
Tgt Ion:128 Resp: 879049

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.6 10.6 16.0



#32

Benzoic acid

Concen: 35.908 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.018 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

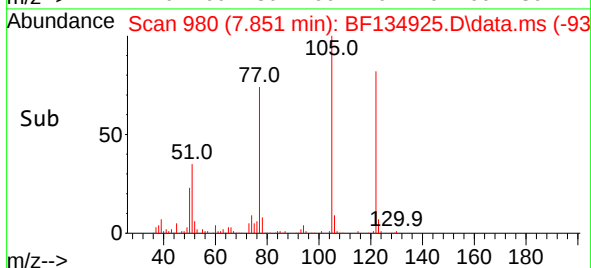
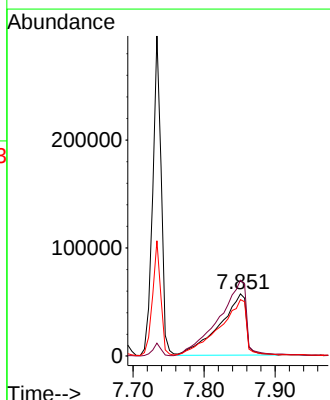
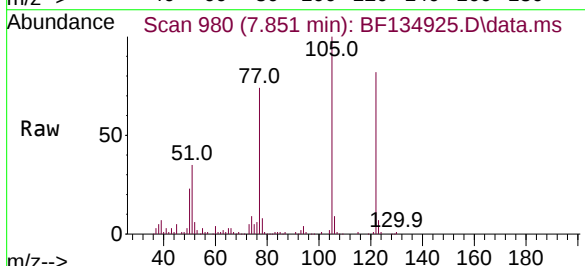
Tgt Ion:122 Resp: 150856

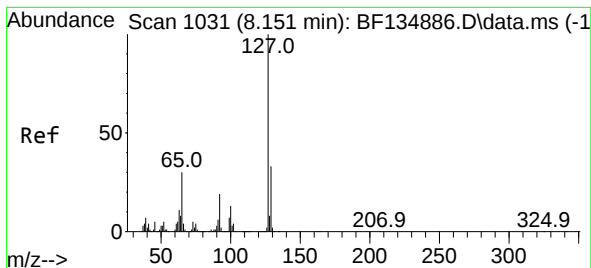
Ion Ratio Lower Upper

122 100

105 122.0 98.6 138.6

77 90.7 68.6 108.6





#33

4-Chloroaniline

Concen: 13.642 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 112522

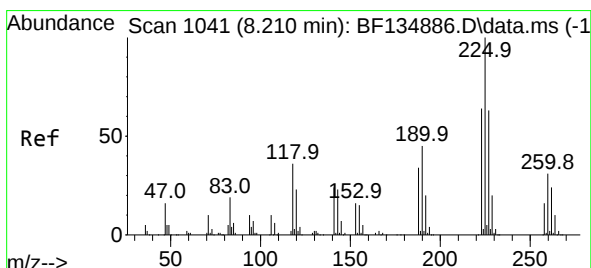
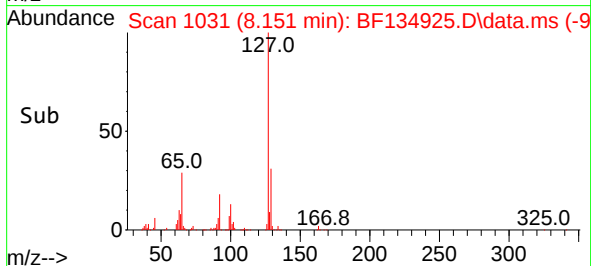
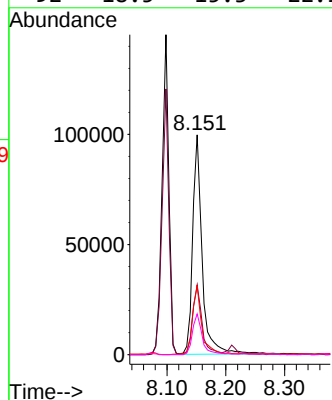
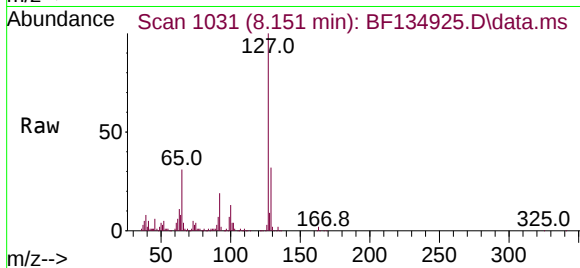
Ion Ratio Lower Upper

127 100

129 31.7 26.4 39.6

65 31.2 23.8 35.8

92 18.5 15.3 22.9



#34

Hexachlorobutadiene

Concen: 46.871 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

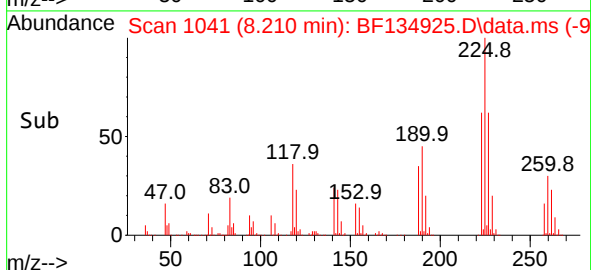
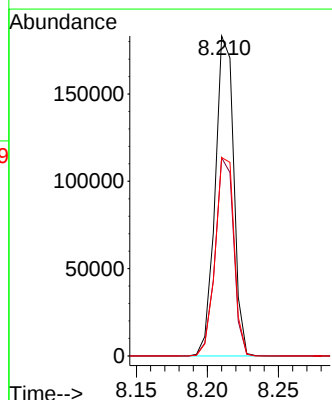
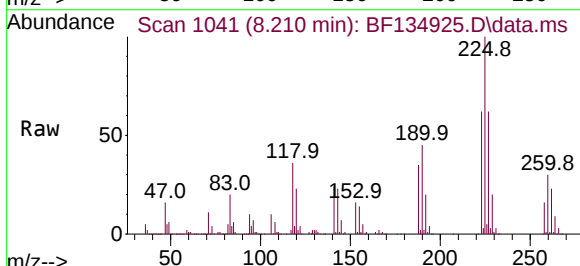
Tgt Ion:225 Resp: 166464

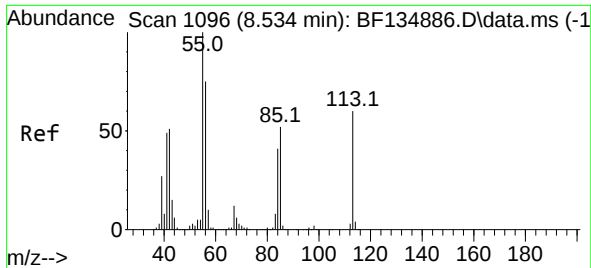
Ion Ratio Lower Upper

225 100

223 62.0 51.1 76.7

227 62.0 50.1 75.1

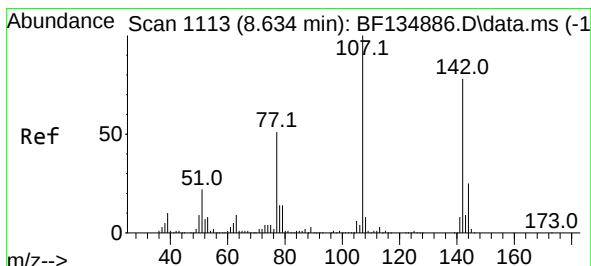
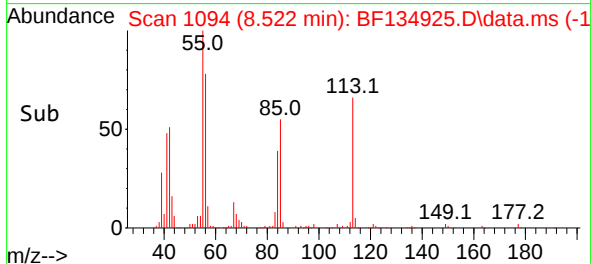
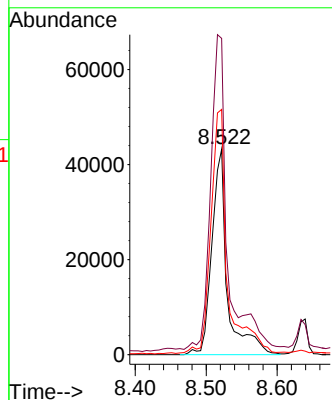
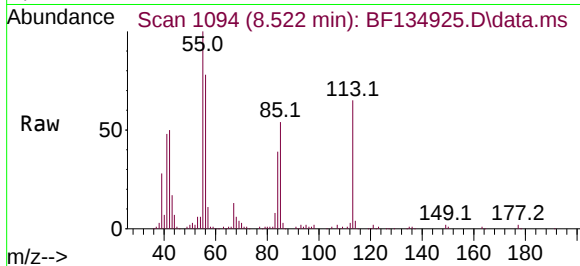




#35
 Caprolactam
 Concen: 37.338 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. -0.012 min
 Lab File: BF134925.D
 Acq: 24 Aug 2023 15:41

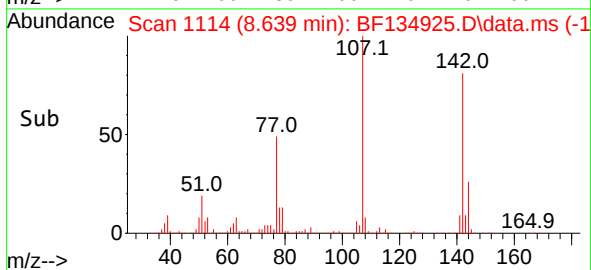
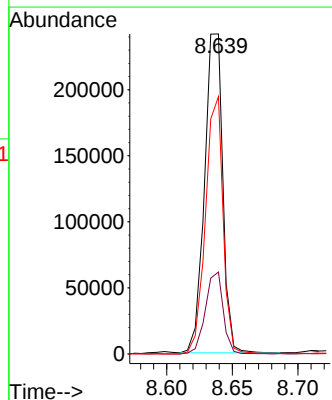
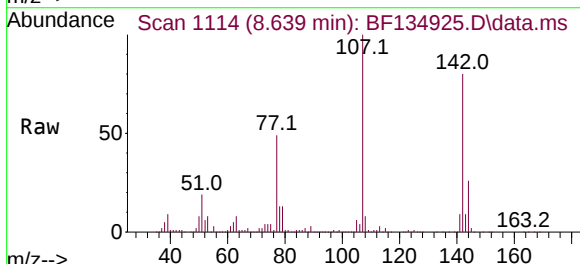
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

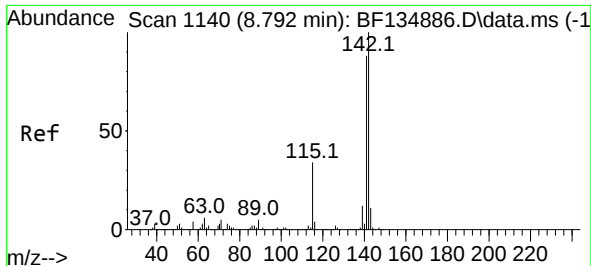
Tgt Ion:113 Resp: 65561
 Ion Ratio Lower Upper
 113 100
 55 154.0 147.2 187.2
 56 119.4 106.0 146.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.513 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF134925.D
 Acq: 24 Aug 2023 15:41

Tgt Ion:107 Resp: 234539
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 80.4 62.5 93.7





#37

2-Methylnaphthalene

Concen: 41.028 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

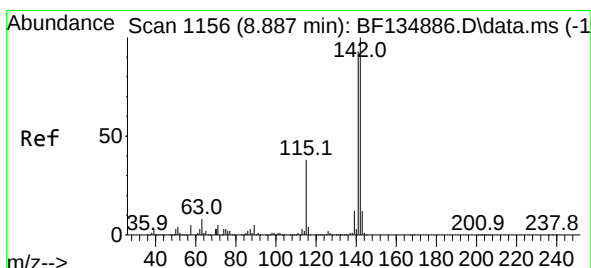
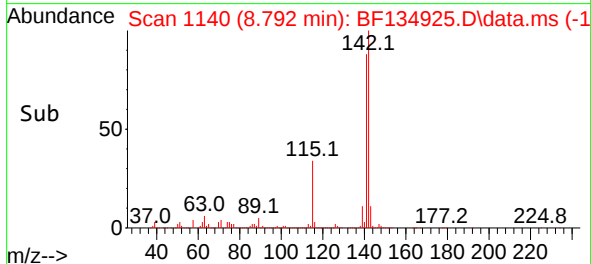
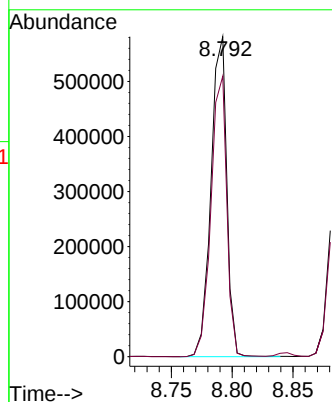
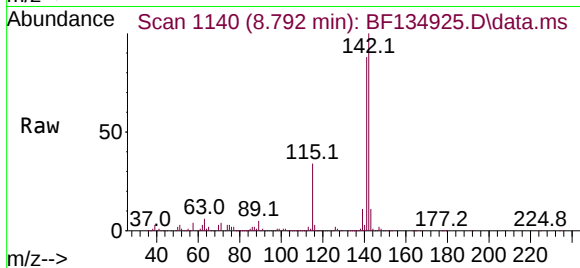
WC-1MSD

Tgt Ion:142 Resp: 525990

Ion Ratio Lower Upper

142 100

141 87.6 70.2 105.2



#38

1-Methylnaphthalene

Concen: 41.722 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF134925.D

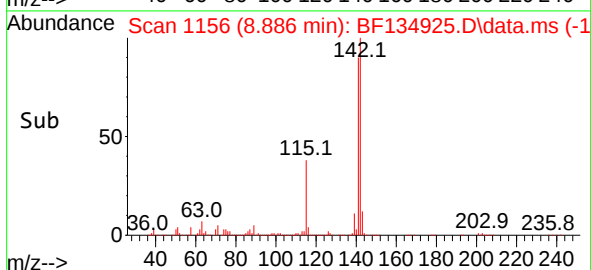
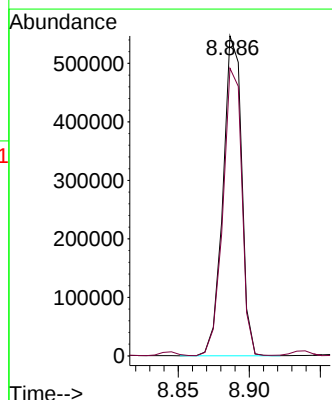
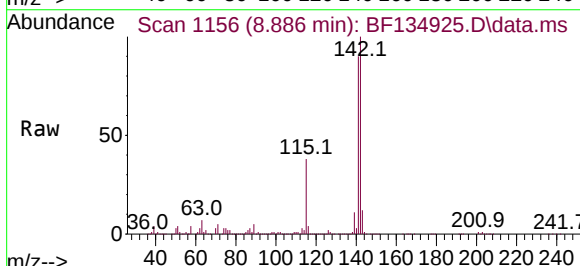
Acq: 24 Aug 2023 15:41

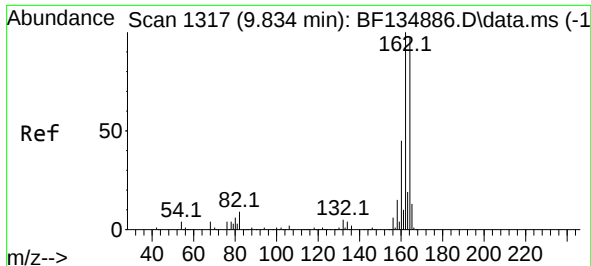
Tgt Ion:142 Resp: 500159

Ion Ratio Lower Upper

142 100

141 89.9 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

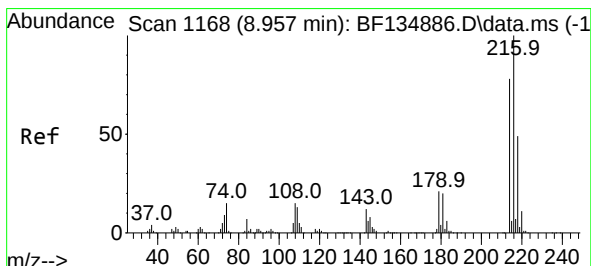
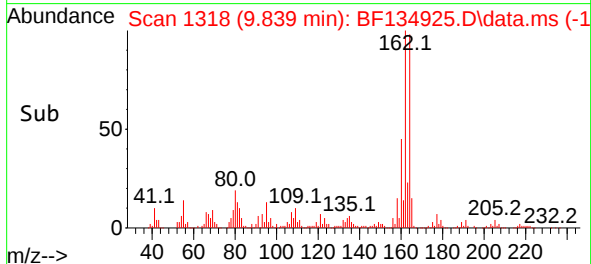
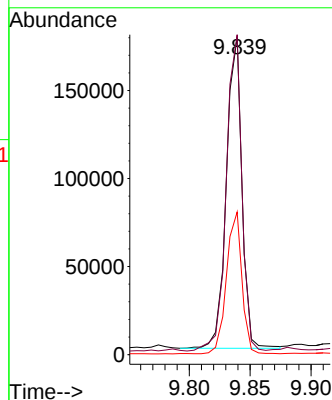
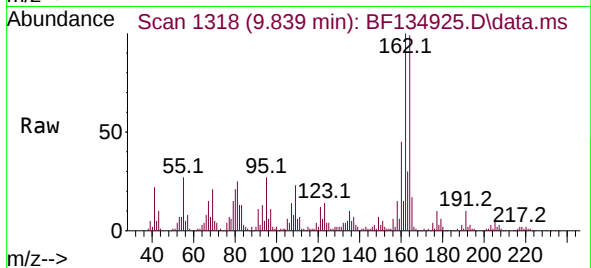
Tgt Ion:164 Resp: 156925

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

160 44.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.010 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Tgt Ion:216 Resp: 248700

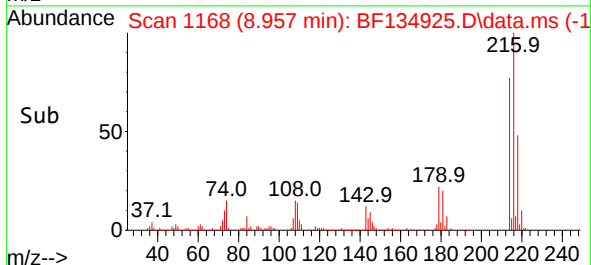
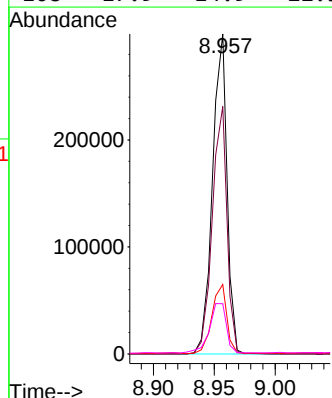
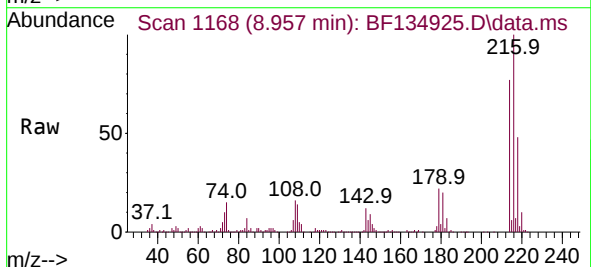
Ion Ratio Lower Upper

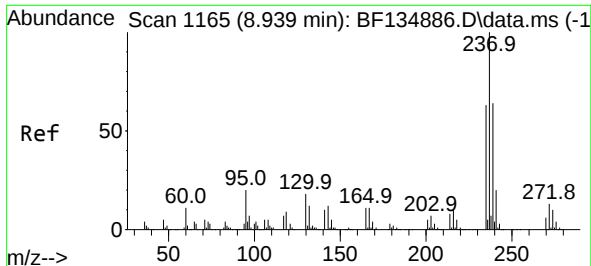
216 100

214 78.3 63.1 94.7

179 22.3 17.3 25.9

108 17.9 14.9 22.3

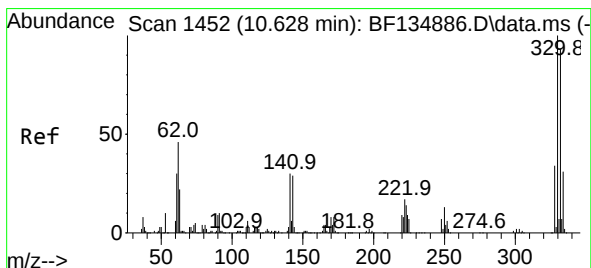
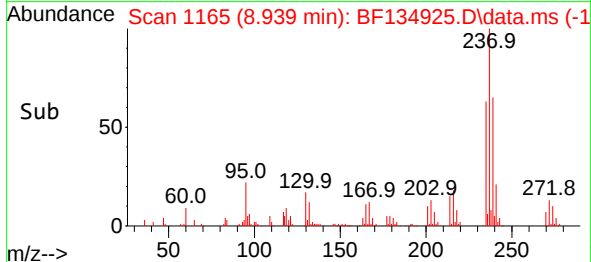
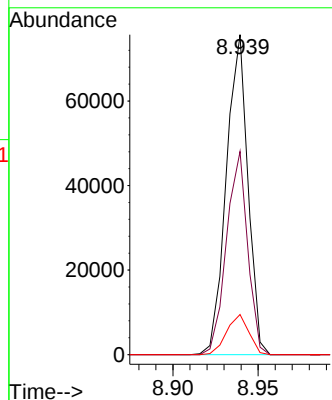
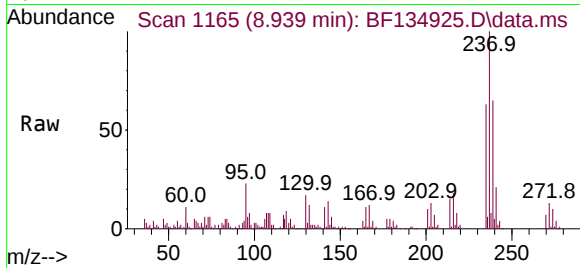




#41
Hexachlorocyclopentadiene
Concen: 31.481 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

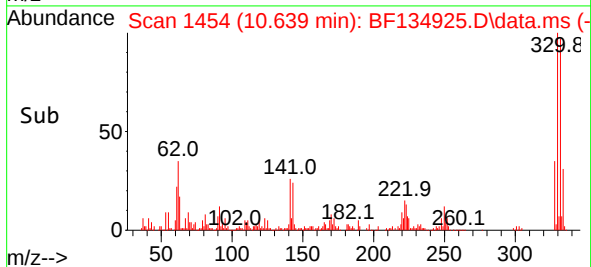
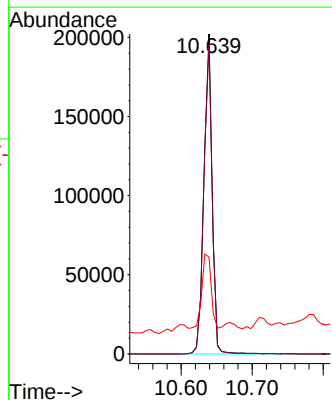
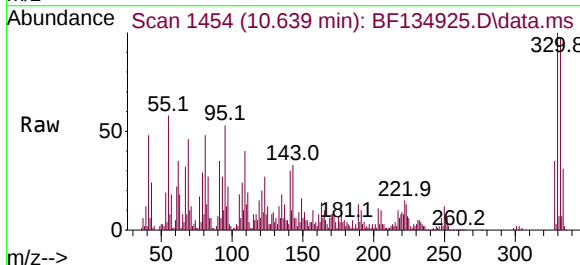
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

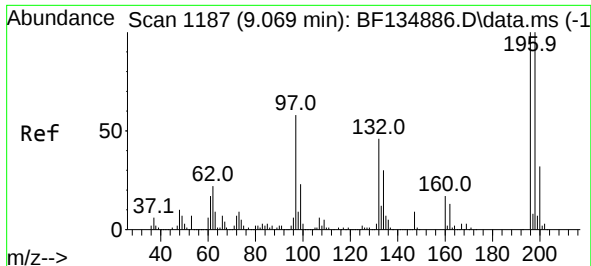
Tgt Ion:237 Resp: 66646
Ion Ratio Lower Upper
237 100
235 63.5 43.1 83.1
272 12.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 87.158 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:330 Resp: 161084
Ion Ratio Lower Upper
330 100
332 98.0 76.3 114.5
141 27.4 23.4 35.2

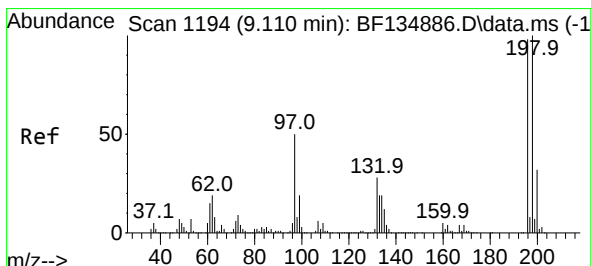
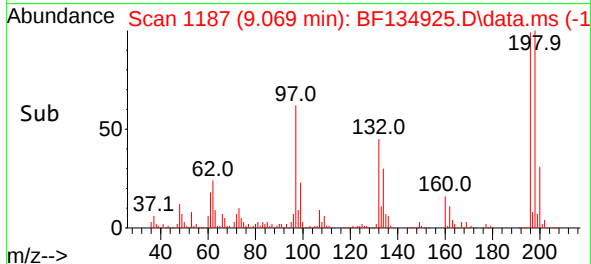
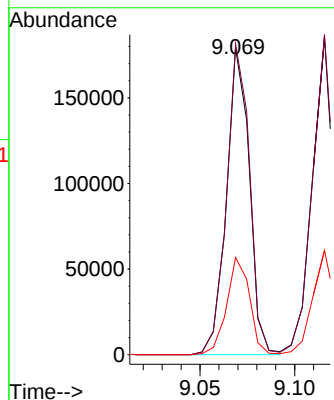
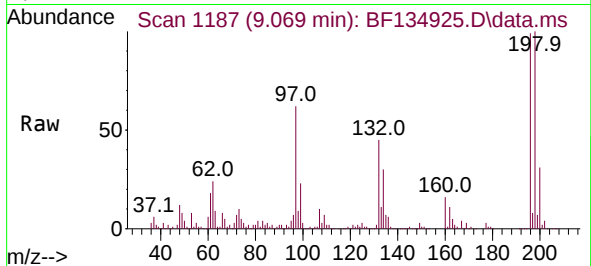




#43
2,4,6-Trichlorophenol
Concen: 47.766 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

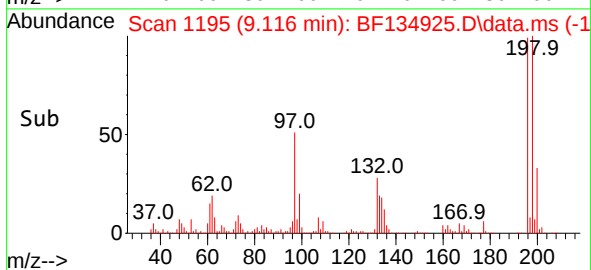
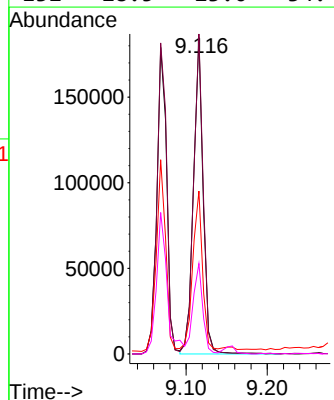
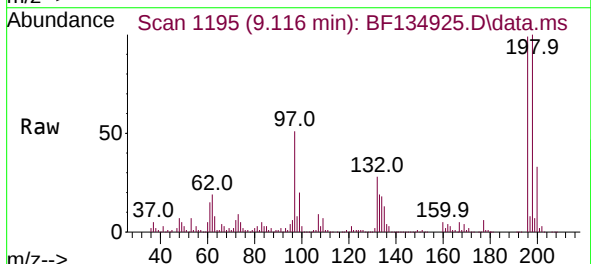
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

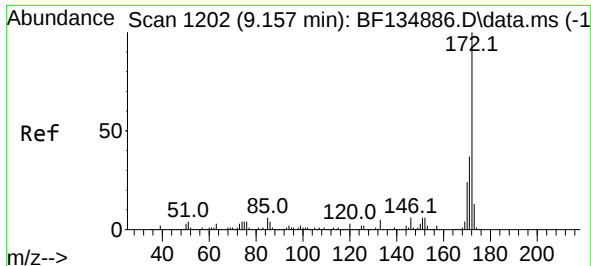
Tgt Ion:196 Resp: 150846
Ion Ratio Lower Upper
196 100
198 101.5 79.8 119.6
200 31.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 41.741 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:196 Resp: 152613
Ion Ratio Lower Upper
196 100
198 101.1 81.8 122.6
97 51.5 41.3 61.9
132 28.5 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 80.032 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

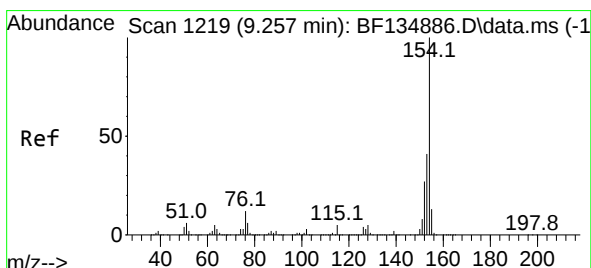
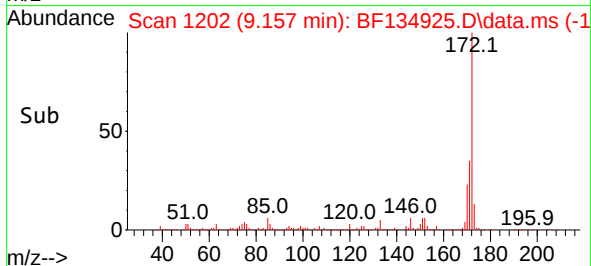
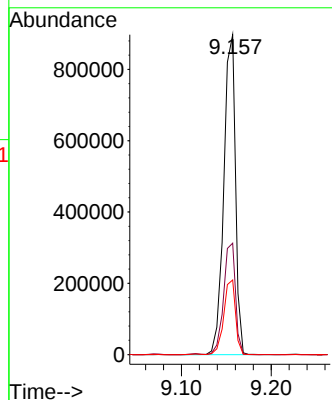
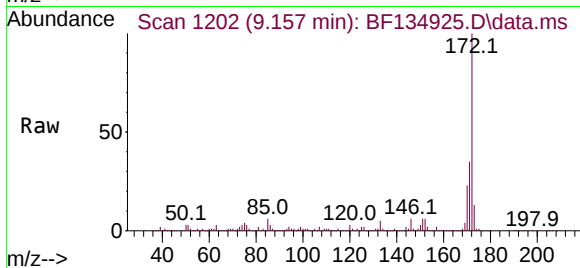
Tgt Ion:172 Resp: 812408

Ion Ratio Lower Upper

172 100

171 34.8 29.4 44.0

170 23.3 19.6 29.4



#46

1,1'-Biphenyl

Concen: 50.599 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

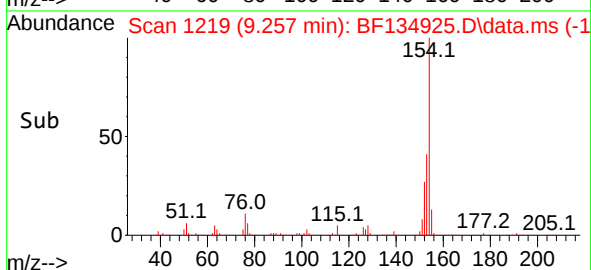
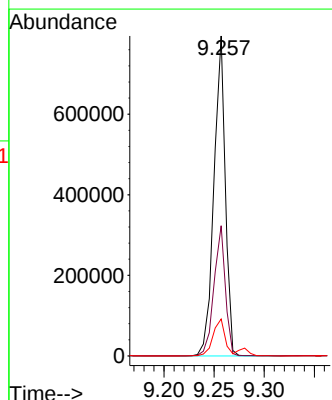
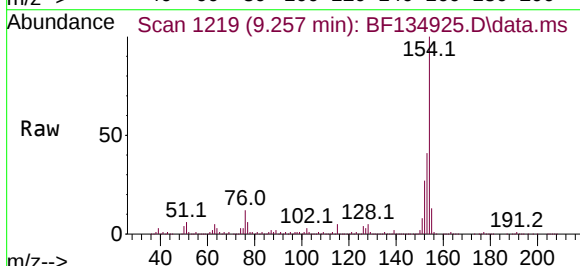
Tgt Ion:154 Resp: 626861

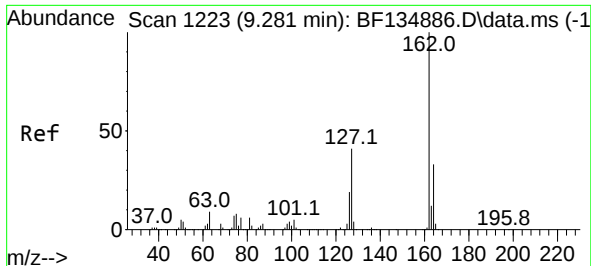
Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

76 11.5 0.0 31.8

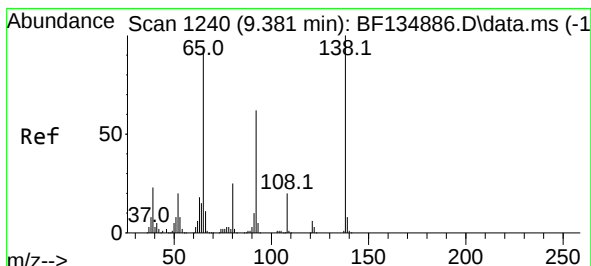
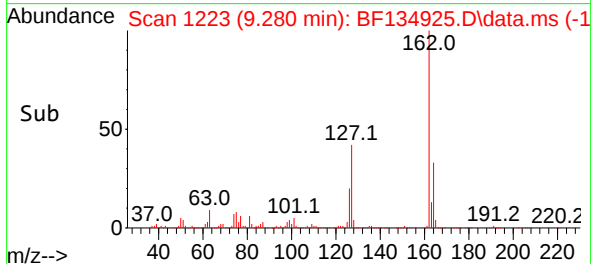
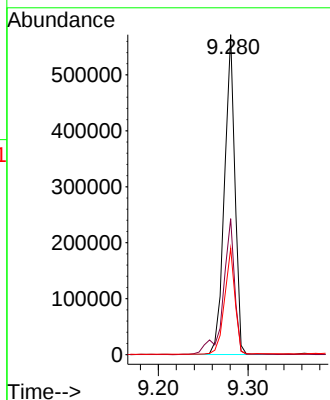
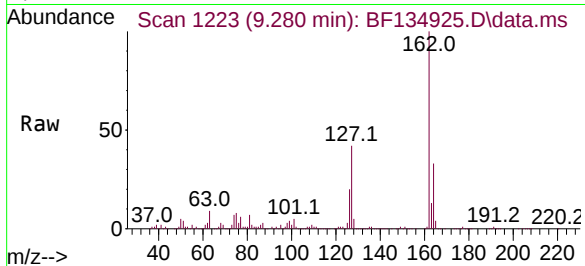




#47
2-Chloronaphthalene
Concen: 50.288 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

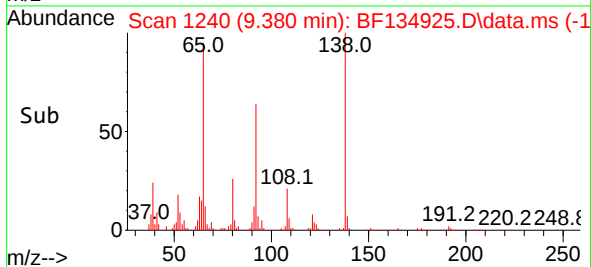
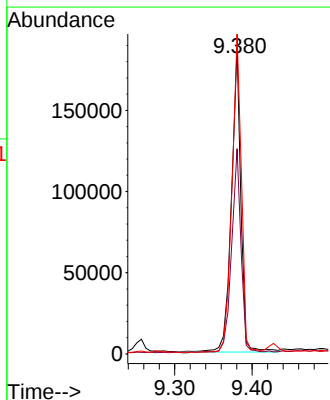
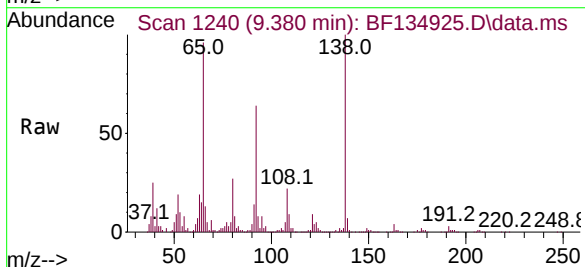
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

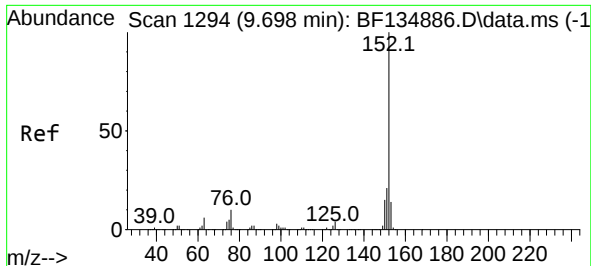
Tgt Ion:162 Resp: 465267
Ion Ratio Lower Upper
162 100
127 42.5 33.4 50.0
164 33.3 26.6 39.8



#48
2-Nitroaniline
Concen: 52.645 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion: 65 Resp: 160114
Ion Ratio Lower Upper
65 100
92 67.1 53.8 80.8
138 104.5 86.5 129.7

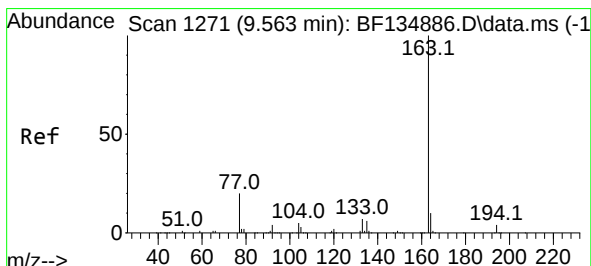
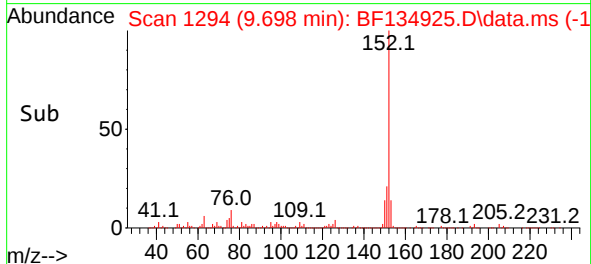
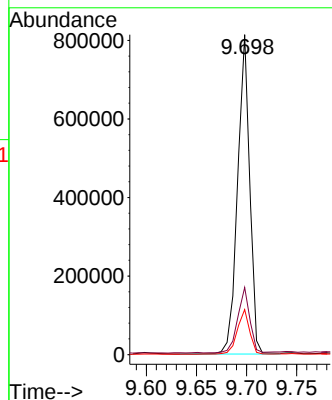
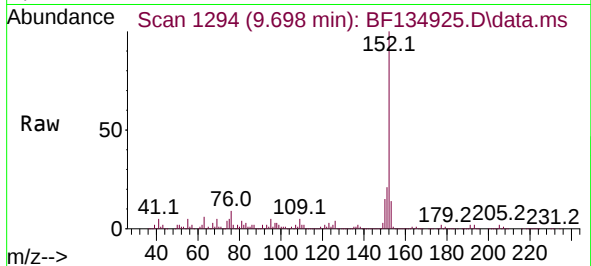




#49
Acenaphthylene
Concen: 47.870 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

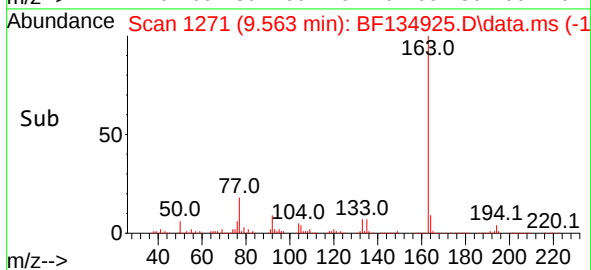
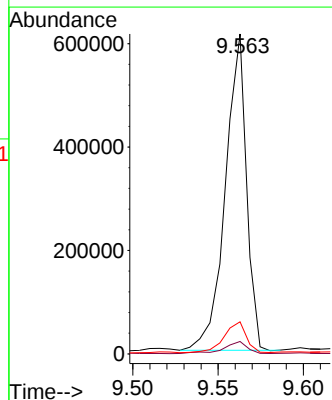
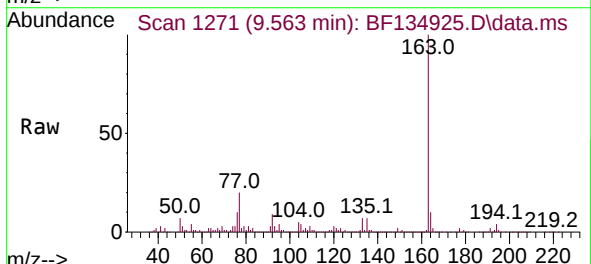
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

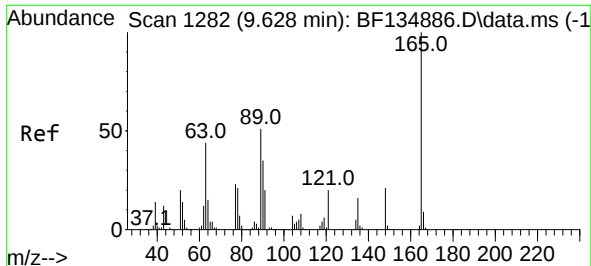
Tgt Ion:152 Resp: 682064
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7
153 14.1 11.3 16.9



#50
Dimethylphthalate
Concen: 47.166 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:163 Resp: 526854
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.2 12.4

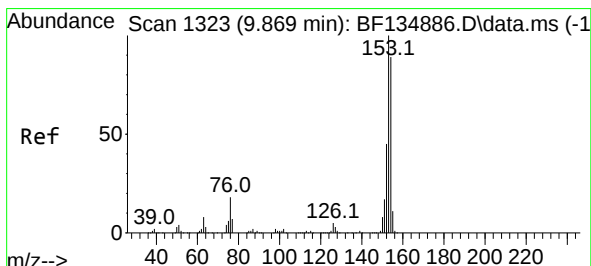
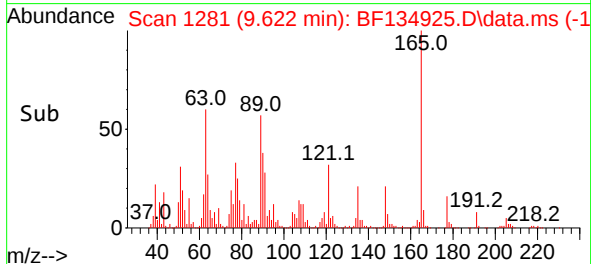
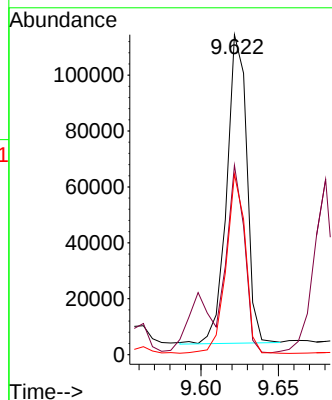
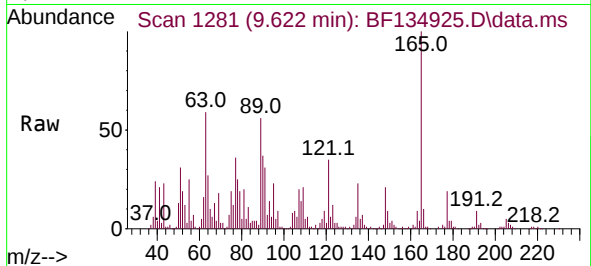




#51
2,6-Dinitrotoluene
Concen: 40.350 ng
RT: 9.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

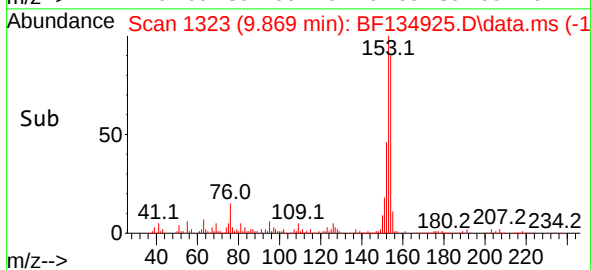
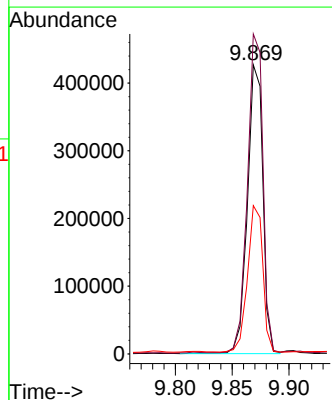
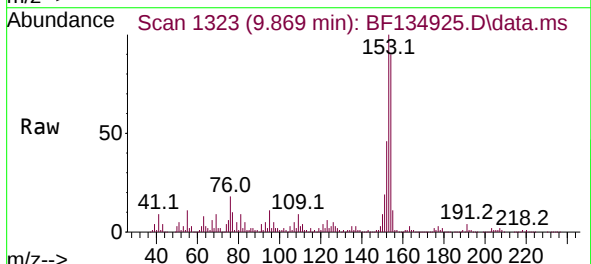
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

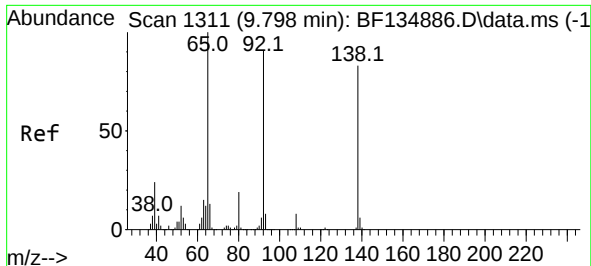
Tgt Ion:165 Resp: 99408
Ion Ratio Lower Upper
165 100
63 59.2 41.4 62.2
89 56.4 40.9 61.3



#52
Acenaphthene
Concen: 44.645 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:154 Resp: 400733
Ion Ratio Lower Upper
154 100
153 110.7 89.6 134.4
152 51.3 40.5 60.7

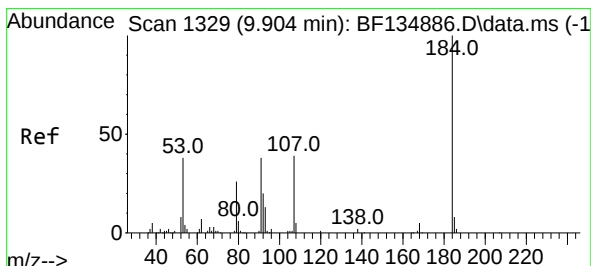
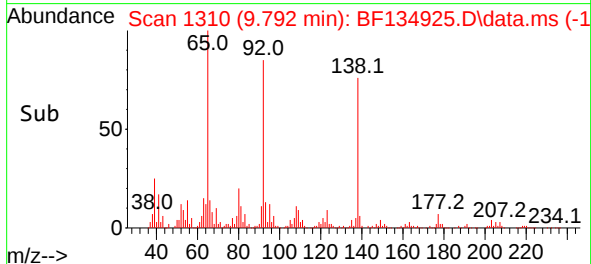
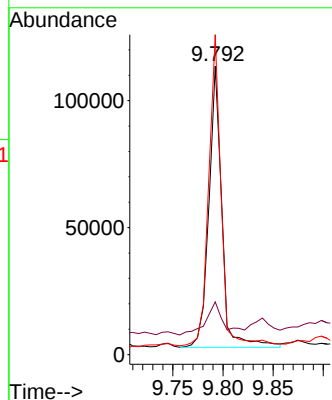
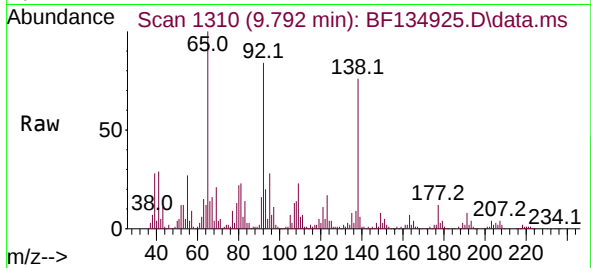




#53
3-Nitroaniline
Concen: 37.084 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

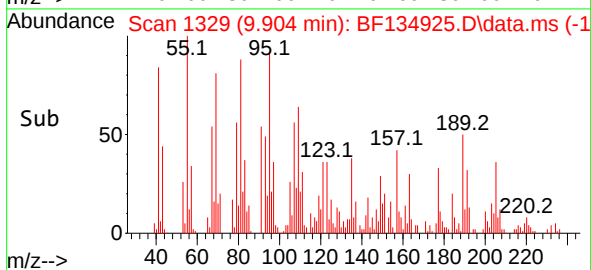
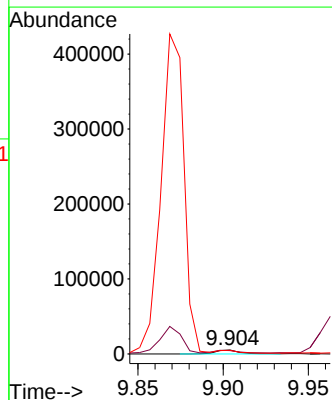
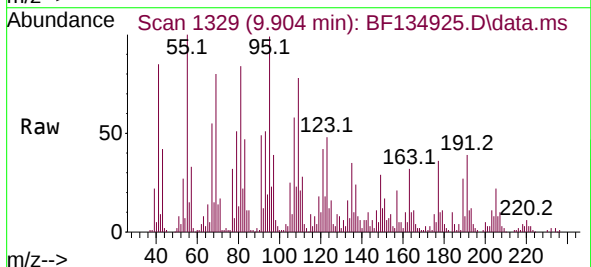
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

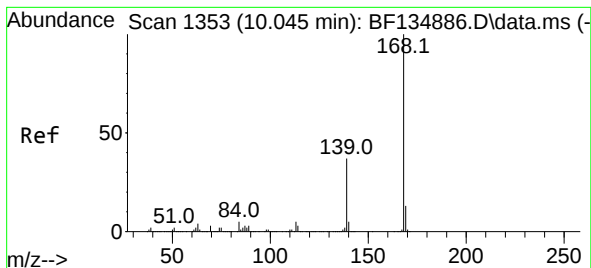
Tgt Ion:138 Resp: 99788
Ion Ratio Lower Upper
138 100
108 18.3 8.0 12.0#
92 111.0 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 4.206 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:184 Resp: 4903
Ion Ratio Lower Upper
184 100
63 85.6 42.8 64.2#
154 93.3 48.0 72.0#





#55

Dibenzofuran

Concen: 42.520 ng

RT: 10.045 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

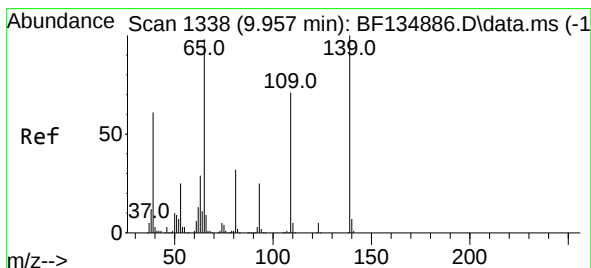
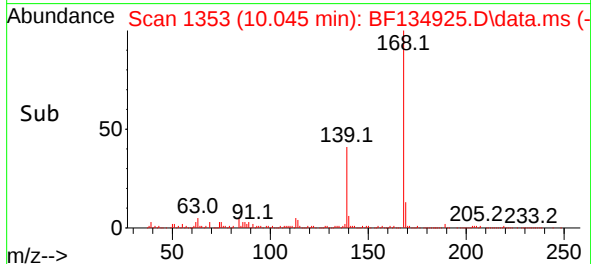
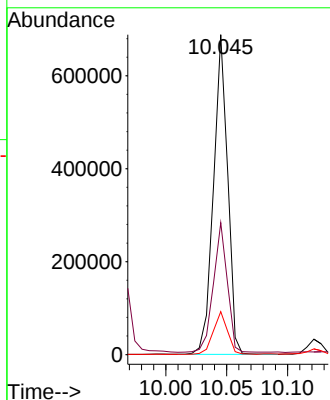
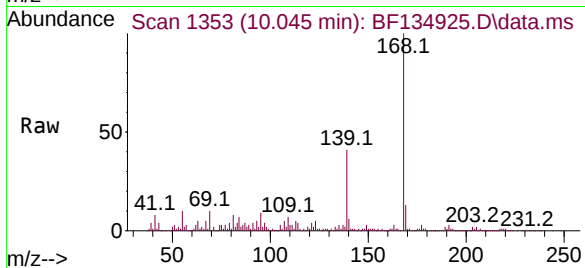
Tgt Ion:168 Resp: 555673

Ion Ratio Lower Upper

168 100

139 41.2 29.5 44.3

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 82.333 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

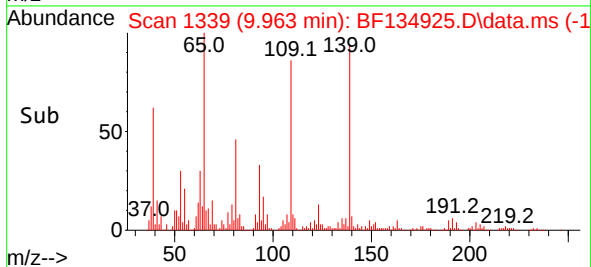
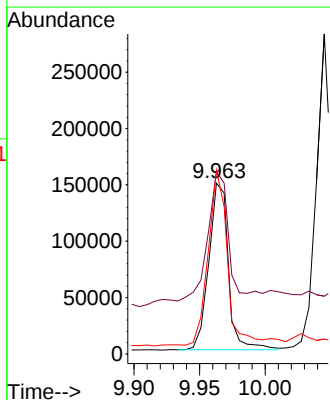
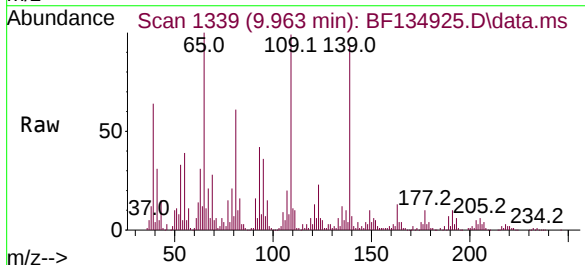
Tgt Ion:139 Resp: 154394

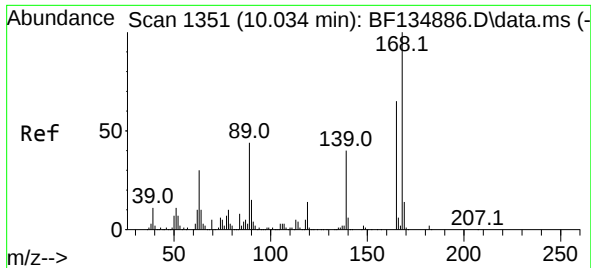
Ion Ratio Lower Upper

139 100

109 106.8 51.0 91.0

65 107.6 78.5 118.5

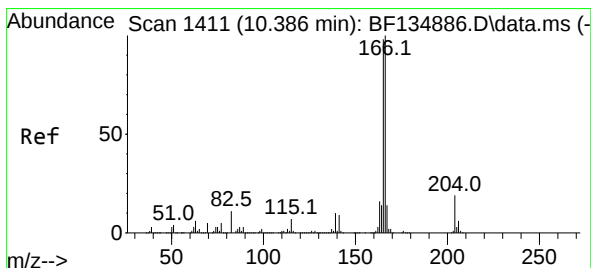
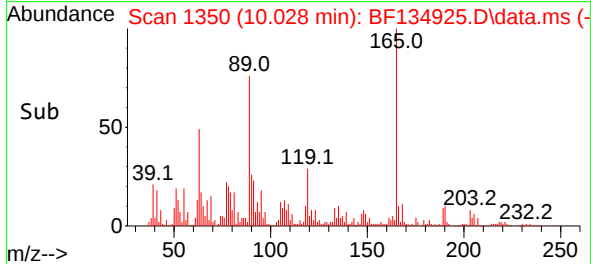
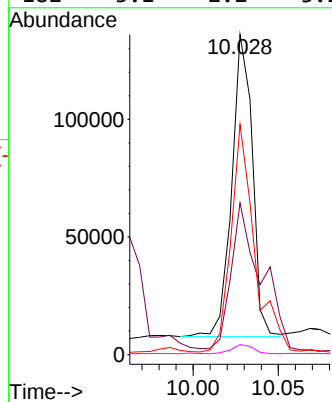
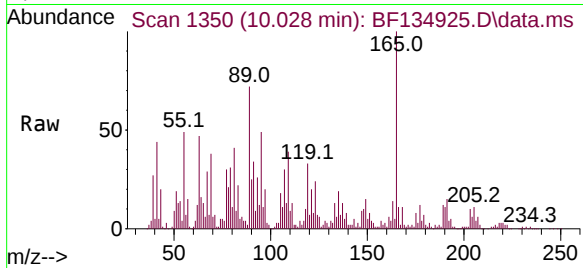




#57
2,4-Dinitrotoluene
Concen: 35.281 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.007 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

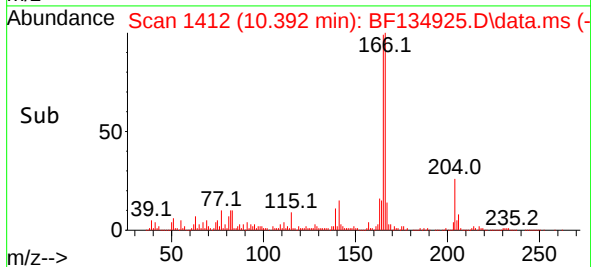
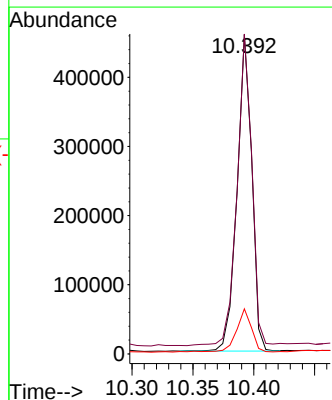
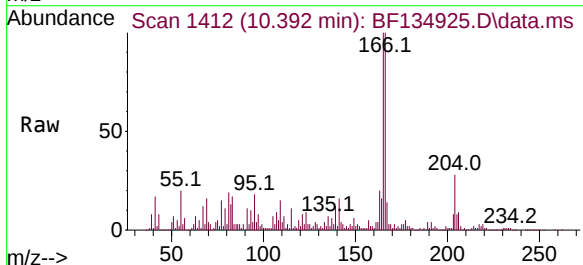
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

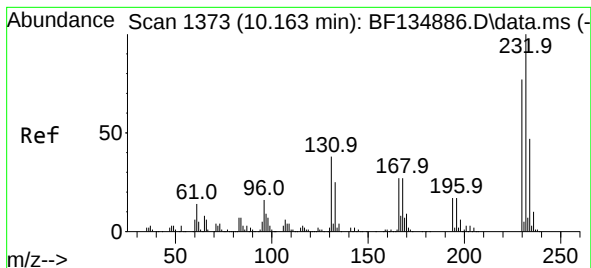
Tgt Ion:165 Resp: 107493
Ion Ratio Lower Upper
165 100
63 47.4 37.7 56.5
89 71.9 54.2 81.4
182 3.1 2.2 3.2



#58
Fluorene
Concen: 38.966 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:166 Resp: 386222
Ion Ratio Lower Upper
166 100
165 100.2 78.5 117.7
167 14.1 11.0 16.6

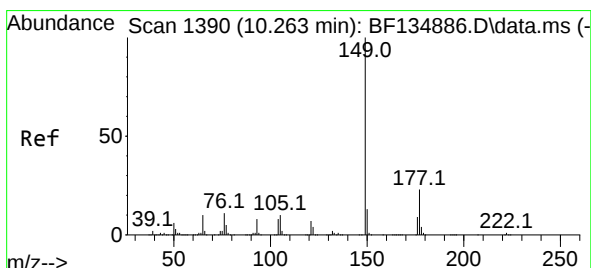
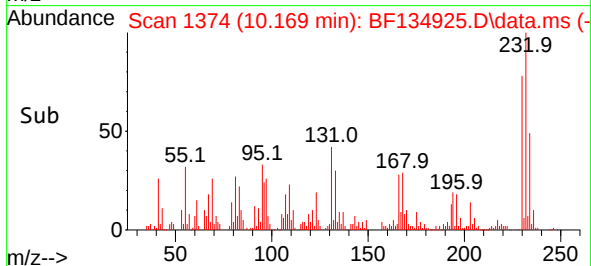
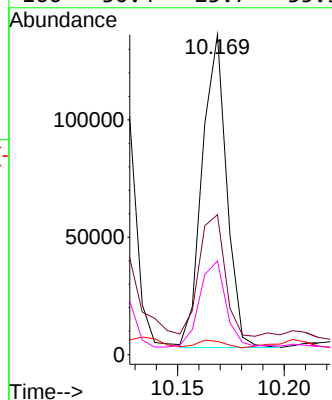
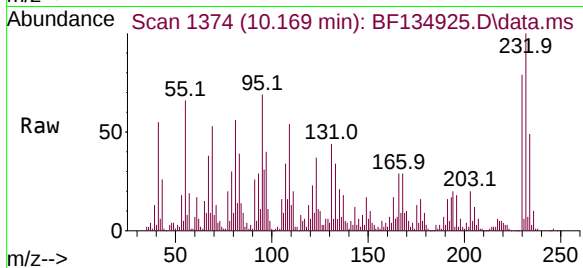




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.249 ng
RT: 10.169 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

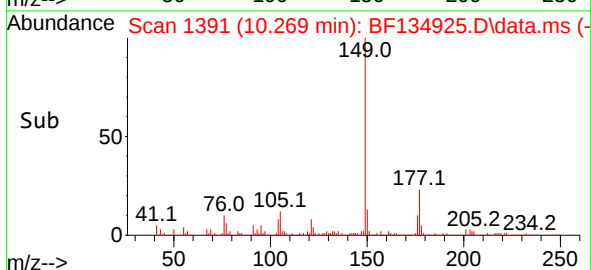
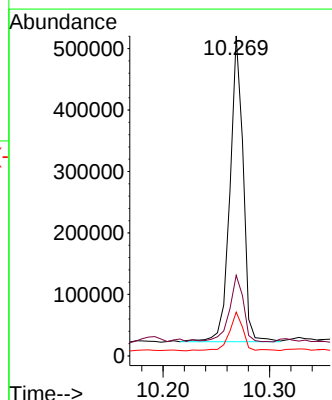
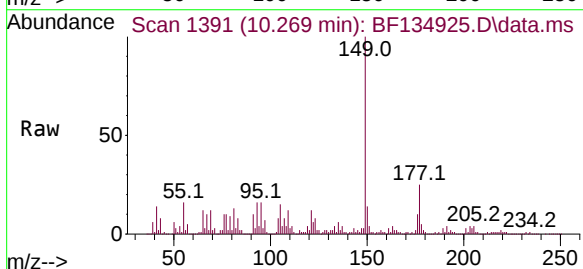
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

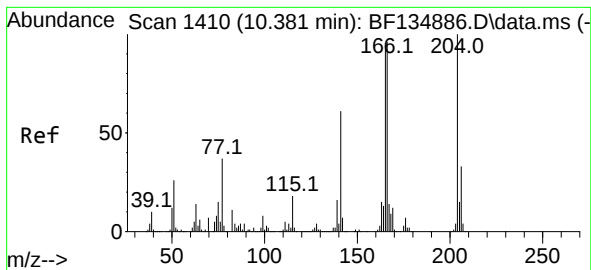
Tgt Ion:232 Resp: 106109
Ion Ratio Lower Upper
232 100
131 41.3 33.9 50.9
130 3.0 1.6 2.4#
166 30.4 23.7 35.5



#60
Diethylphthalate
Concen: 41.999 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:149 Resp: 429813
Ion Ratio Lower Upper
149 100
177 25.2 18.4 27.6
150 13.7 10.3 15.5

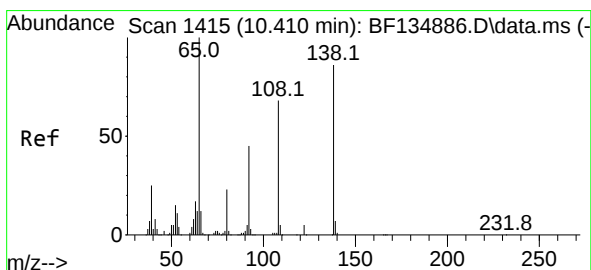
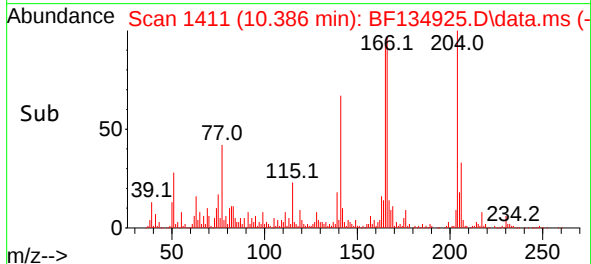
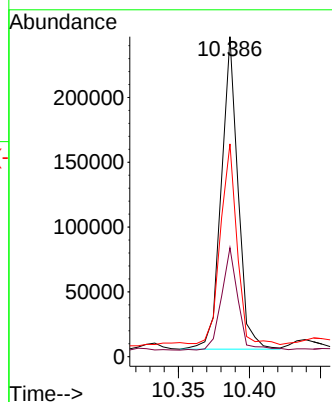
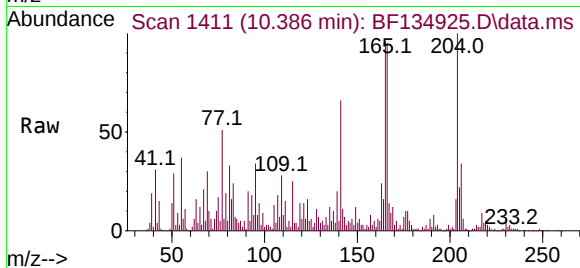




#61
4-Chlorophenyl-phenylether
Concen: 39.985 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.005 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

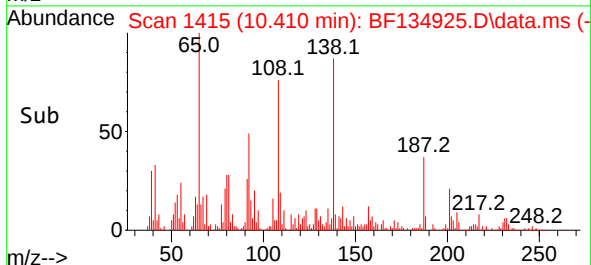
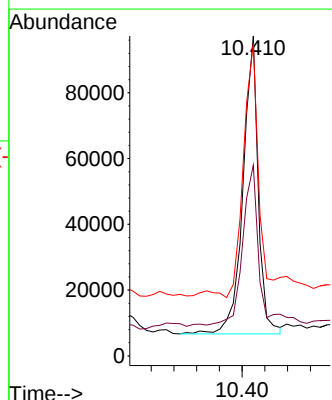
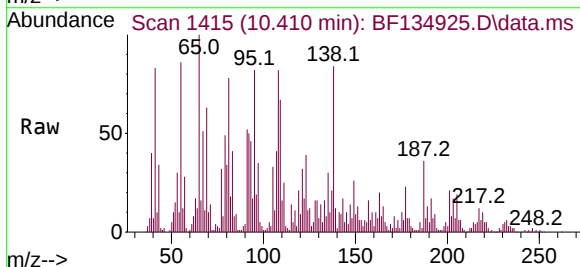
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

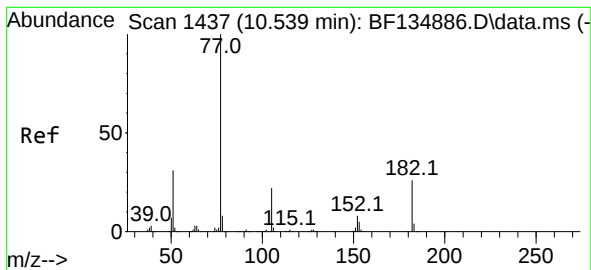
Tgt Ion:204 Resp: 198676
Ion Ratio Lower Upper
204 100
206 34.0 26.3 39.5
141 66.5 48.6 73.0



#62
4-Nitroaniline
Concen: 33.601 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:138 Resp: 84522
Ion Ratio Lower Upper
138 100
92 59.6 32.5 72.5
108 97.6 58.6 98.6





#63

Azobenzene

Concen: 35.749 ng

RT: 10.551 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 363445

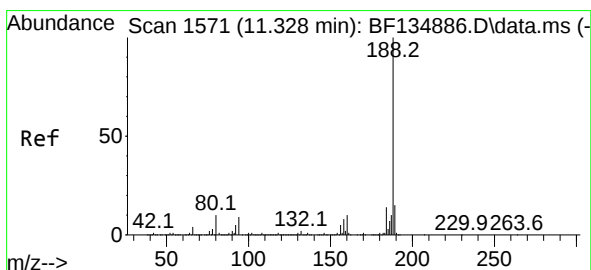
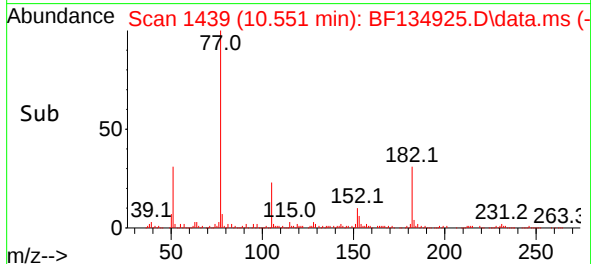
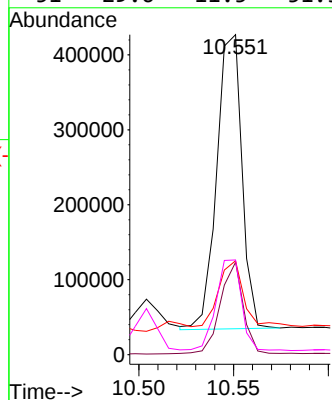
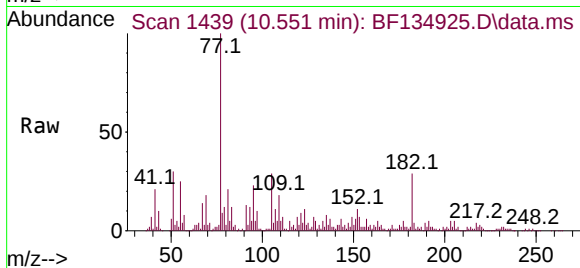
Ion Ratio Lower Upper

77 100

182 28.9 5.8 45.8

105 29.3 1.6 41.6

51 29.6 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.012 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

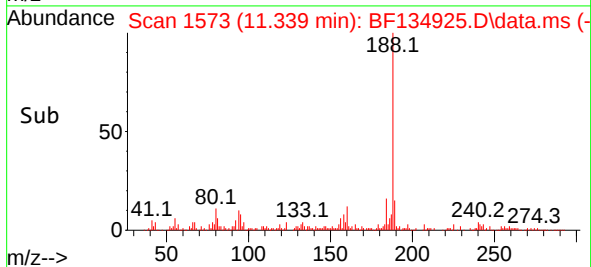
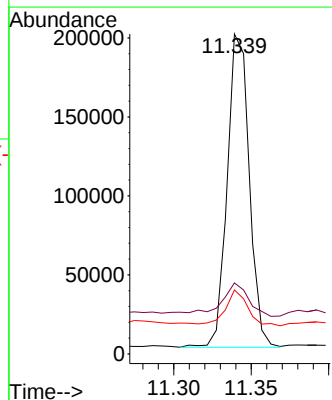
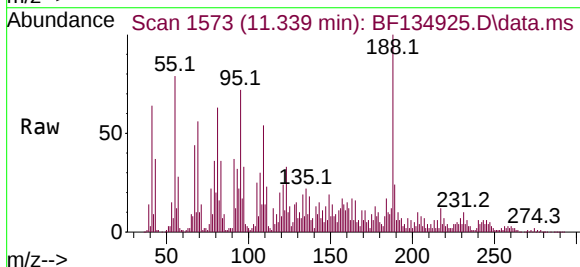
Tgt Ion:188 Resp: 196902

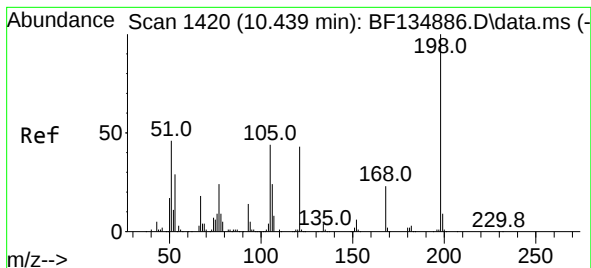
Ion Ratio Lower Upper

188 100

94 22.2 7.5 11.3#

80 20.0 7.8 11.6#

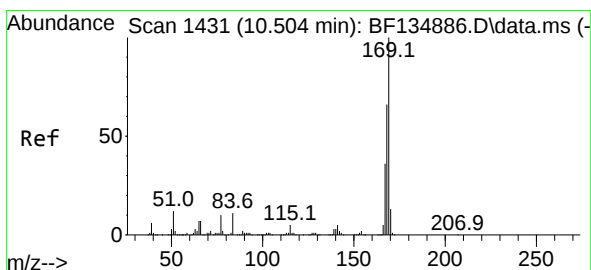
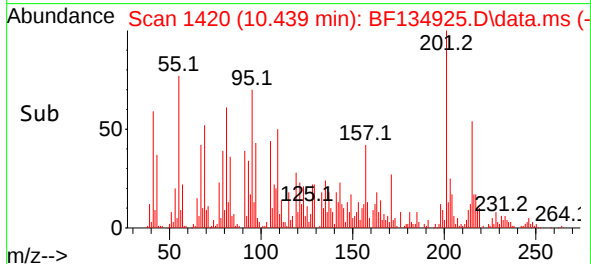
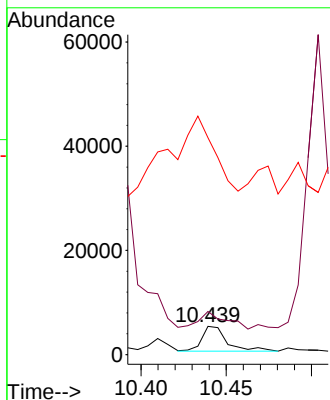
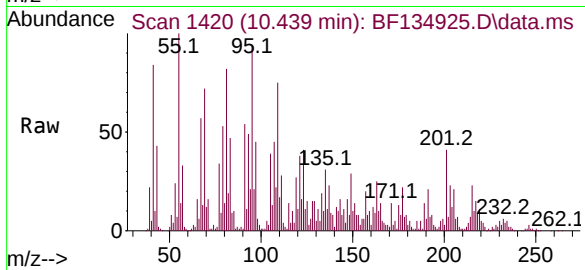




#65
4,6-Dinitro-2-methylphenol
Concen: 4.239 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

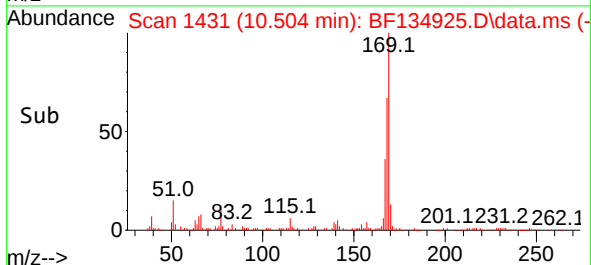
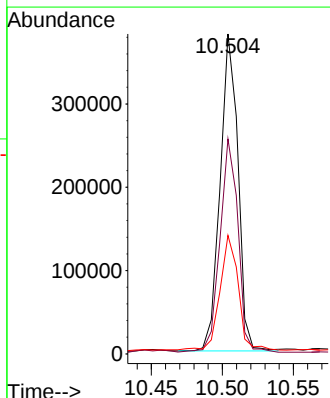
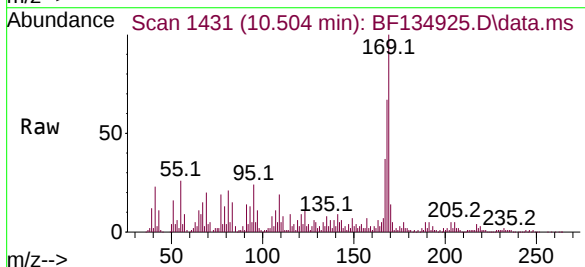
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

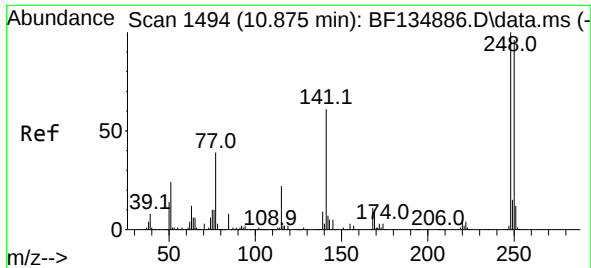
Tgt Ion:198 Resp: 4925
Ion Ratio Lower Upper
198 100
51 153.0 30.3 70.3#
105 770.0 24.5 64.5#



#66
n-Nitrosodiphenylamine
Concen: 52.476 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:169 Resp: 332736
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 37.0 29.0 43.6

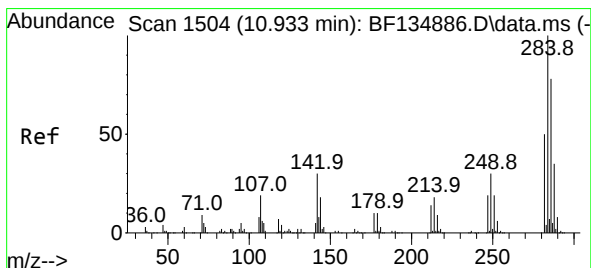
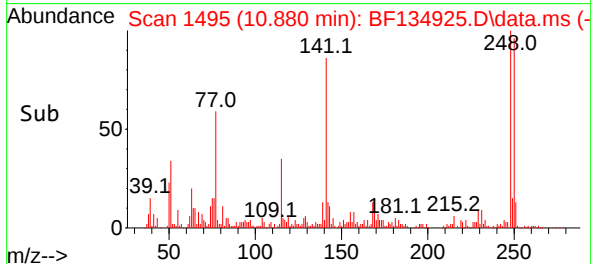
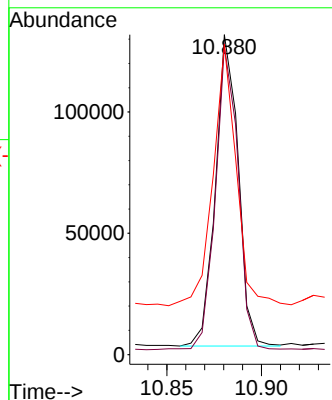
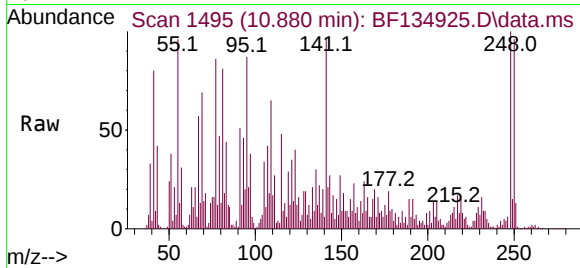




#67
4-Bromophenyl-phenylether
Concen: 47.136 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.005 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

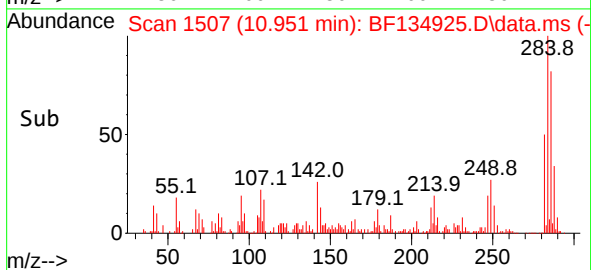
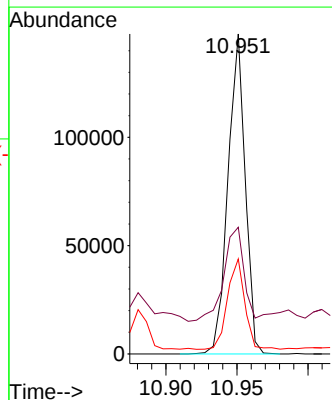
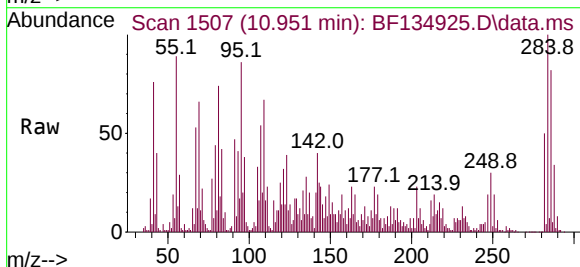
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

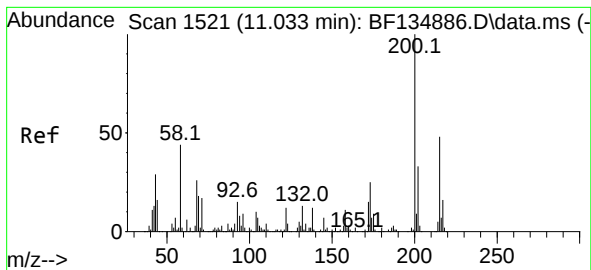
Tgt Ion:248 Resp: 107077
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 97.0 49.0 73.4#



#68
Hexachlorobenzene
Concen: 51.471 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.018 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:284 Resp: 124353
Ion Ratio Lower Upper
284 100
142 39.6 23.9 35.9#
249 29.7 24.1 36.1





#69

Atrazine

Concen: 57.020 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.053 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

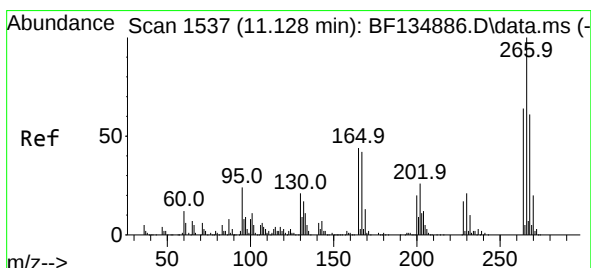
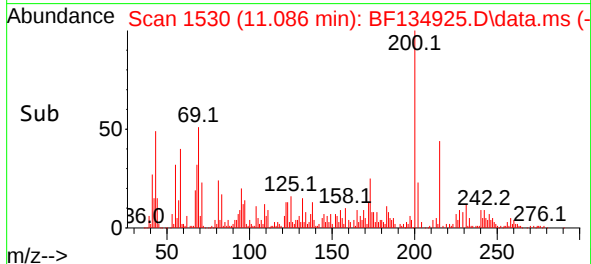
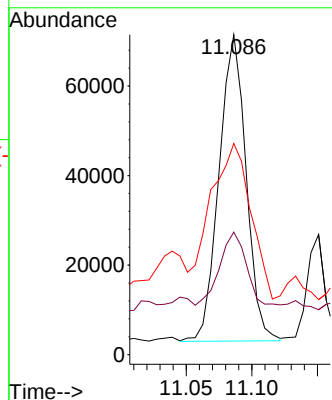
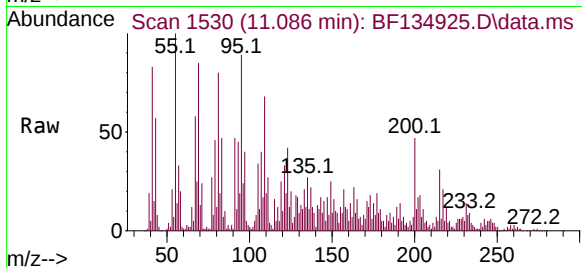
Tgt Ion:200 Resp: 98179

Ion Ratio Lower Upper

200 100

173 38.3 5.3 45.3

215 66.0 28.3 68.3



#70

Pentachlorophenol

Concen: 89.253 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.023 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

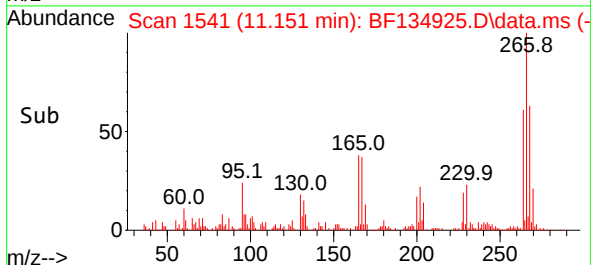
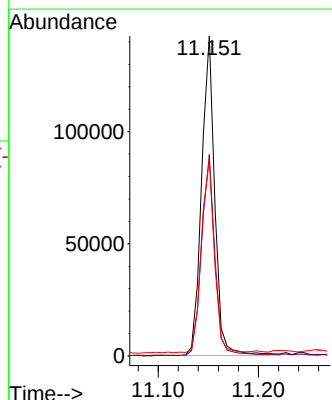
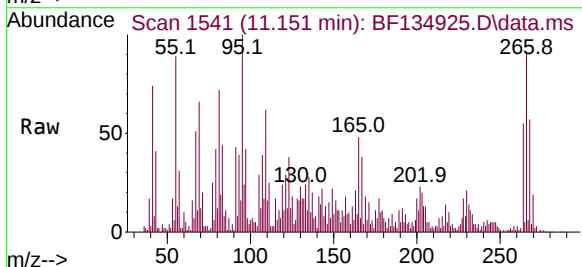
Tgt Ion:266 Resp: 129770

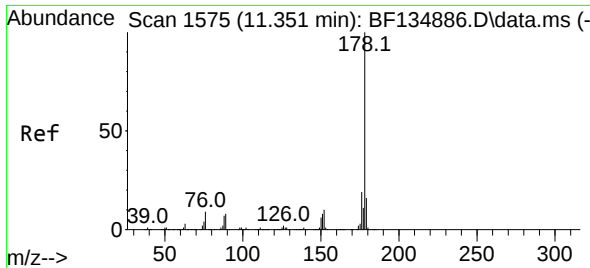
Ion Ratio Lower Upper

266 100

268 62.9 48.9 73.3

264 61.1 51.0 76.6

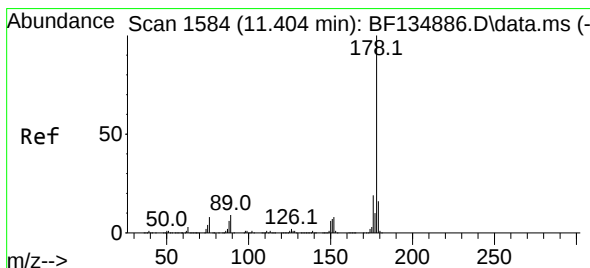
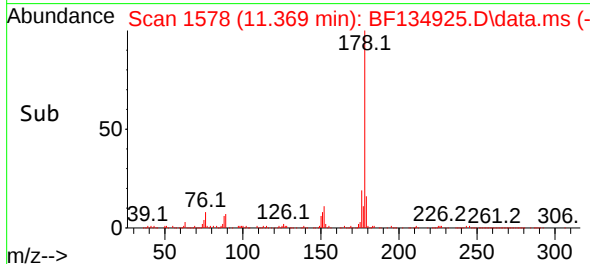
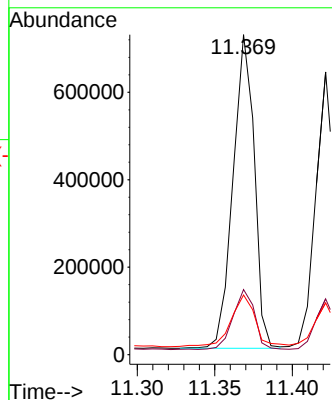
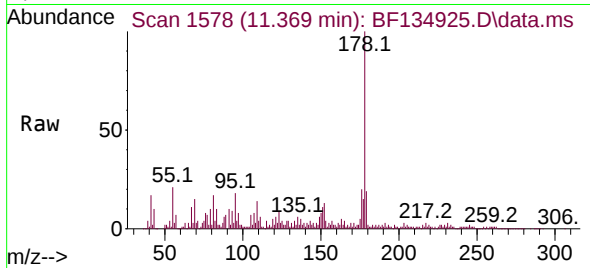




#71
Phenanthrene
Concen: 66.154 ng
RT: 11.369 min Scan# 1575
Delta R.T. 0.018 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

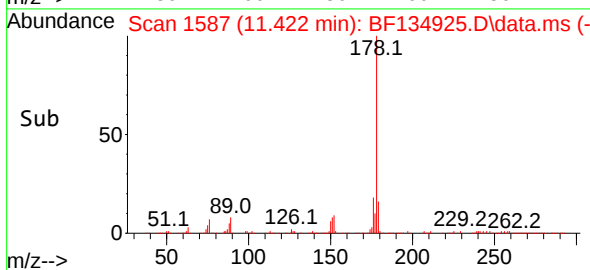
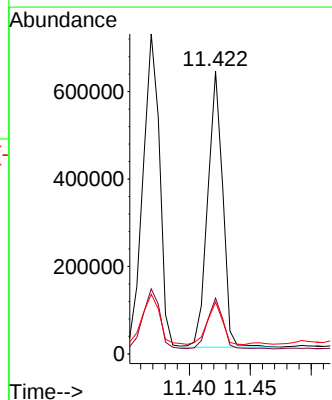
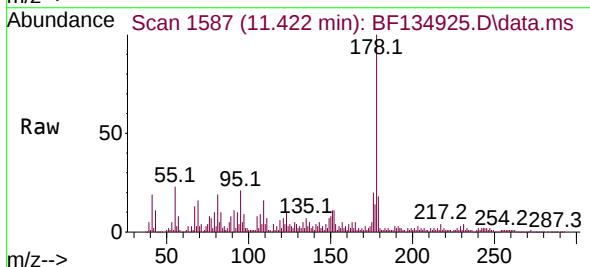
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

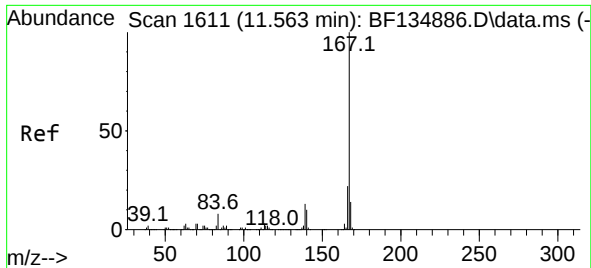
Tgt Ion:178 Resp: 682581
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 18.6 12.6 19.0



#72
Anthracene
Concen: 51.266 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.018 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:178 Resp: 541973
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.6
179 18.3 12.5 18.7

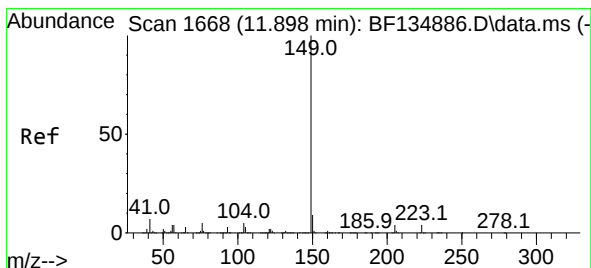
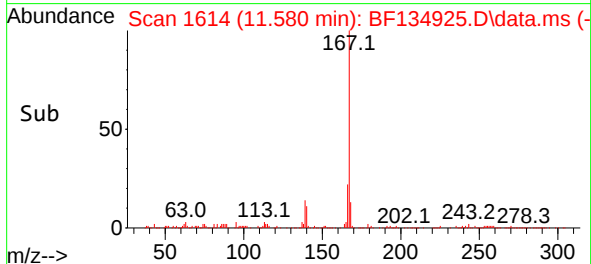
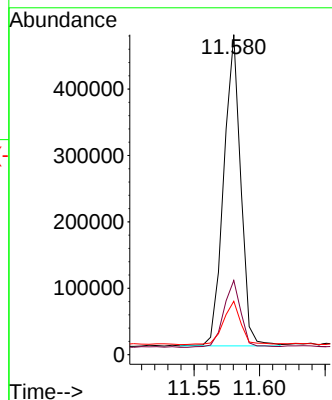
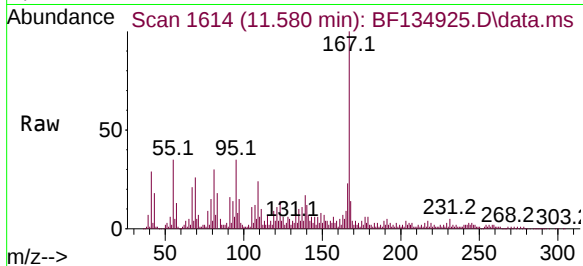




#73
 Carbazole
 Concen: 48.525 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. 0.018 min
 Lab File: BF134925.D
 Acq: 24 Aug 2023 15:41

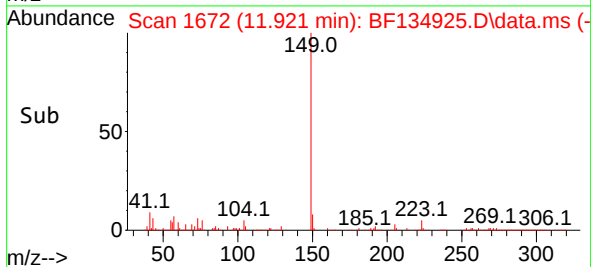
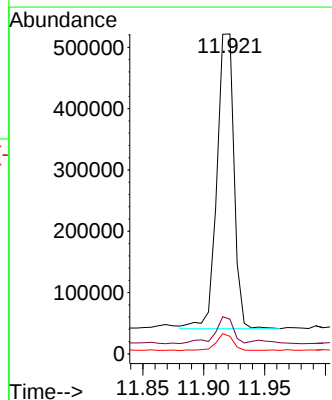
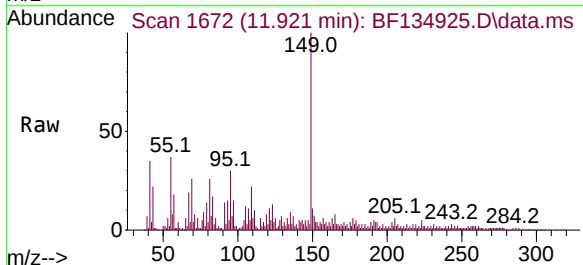
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

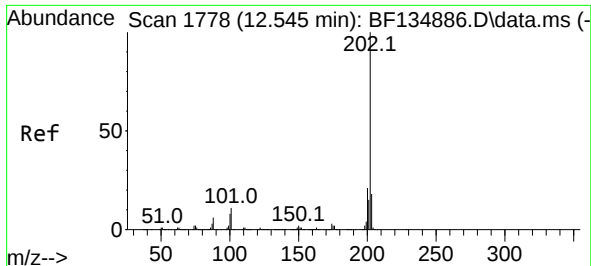
Tgt Ion:167 Resp: 422720
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.2
 139 16.7 10.4 15.6#



#74
 Di-n-butylphthalate
 Concen: 47.025 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. 0.023 min
 Lab File: BF134925.D
 Acq: 24 Aug 2023 15:41

Tgt Ion:149 Resp: 469833
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.4 11.2
 104 5.5 4.1 6.1

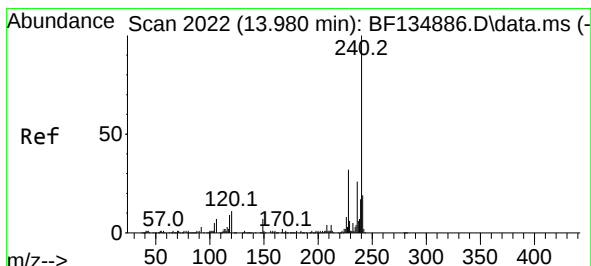
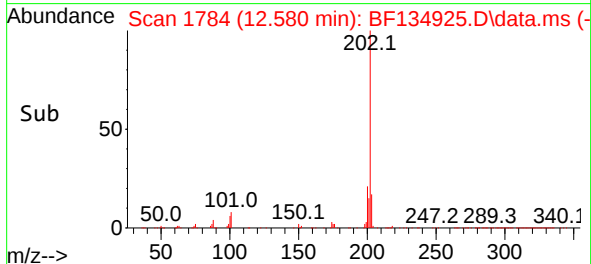
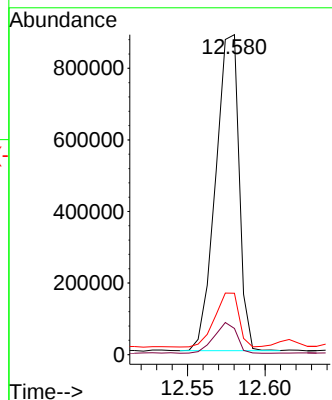
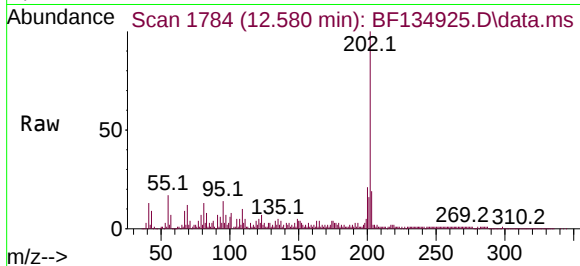




#75
Fluoranthene
Concen: 95.230 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

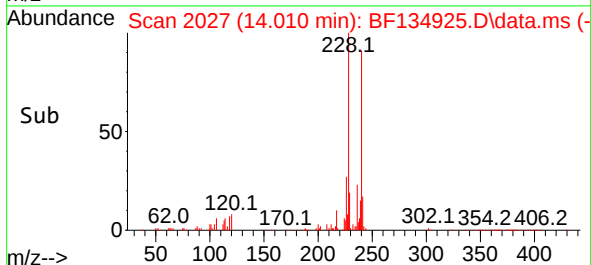
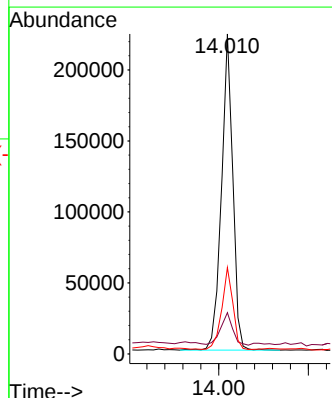
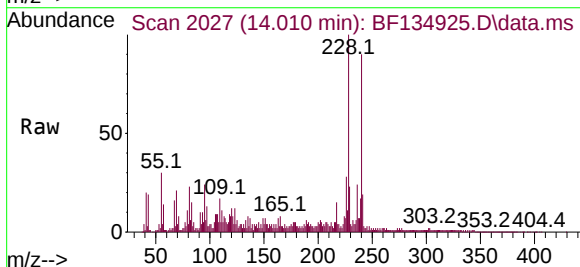
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

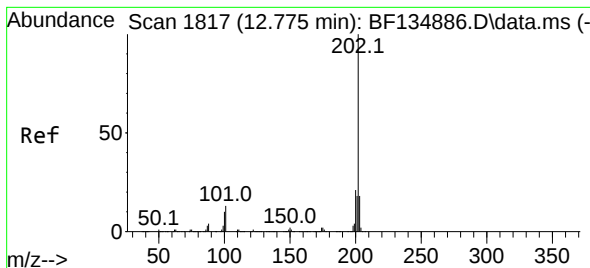
Tgt Ion:202 Resp: 931004
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.5
203 19.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.029 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:240 Resp: 195219
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 27.0 20.6 31.0





#78

Pyrene

Concen: 44.436 ng

RT: 12.810 min Scan# 1817

Delta R.T. 0.035 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

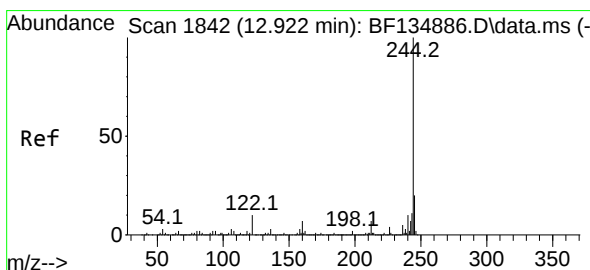
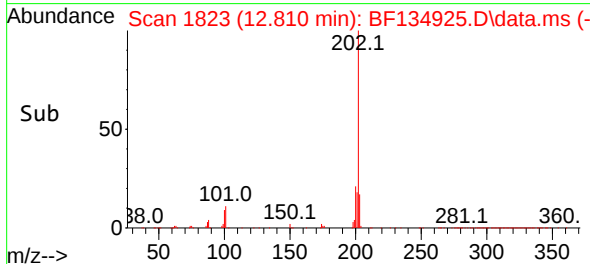
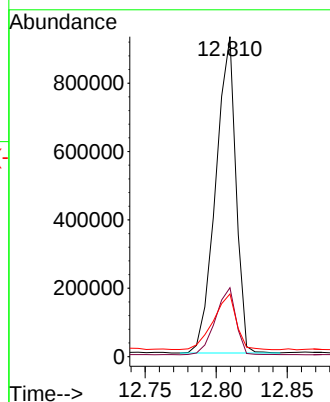
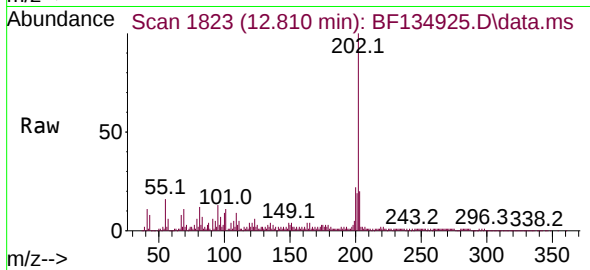
Tgt Ion:202 Resp: 919742

Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 19.6 14.2 21.2



#79

Terphenyl-d14

Concen: 44.083 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.023 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

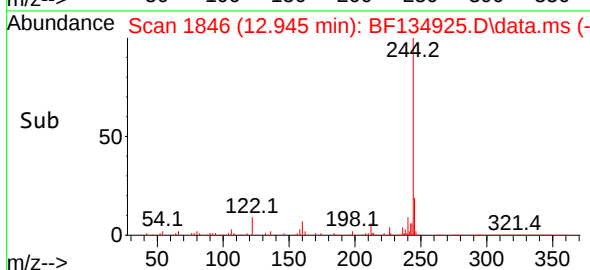
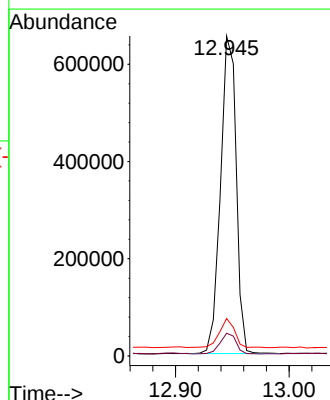
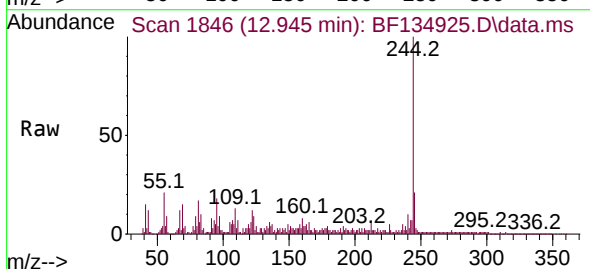
Tgt Ion:244 Resp: 625693

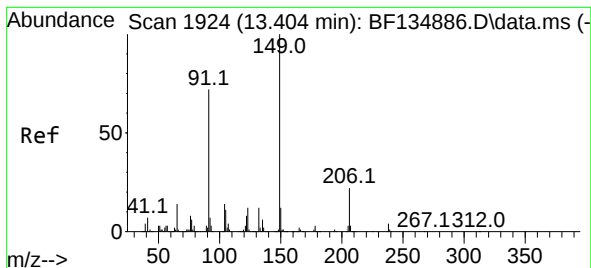
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 11.7 8.2 12.4





#80

Butylbenzylphthalate

Concen: 38.680 ng

RT: 13.427 min Scan# 19

Delta R.T. 0.023 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

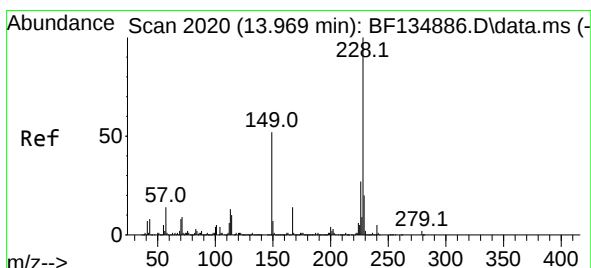
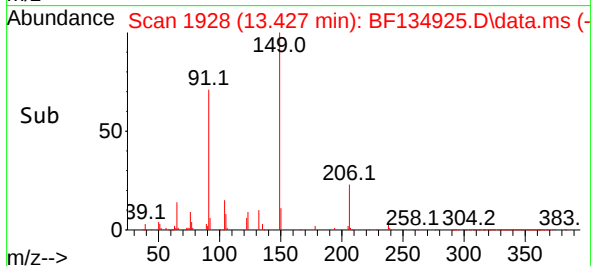
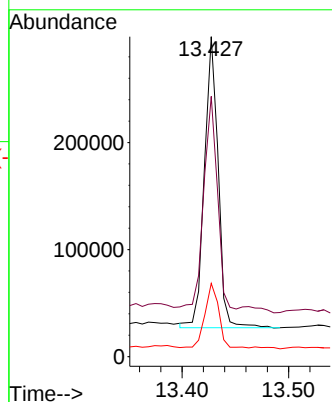
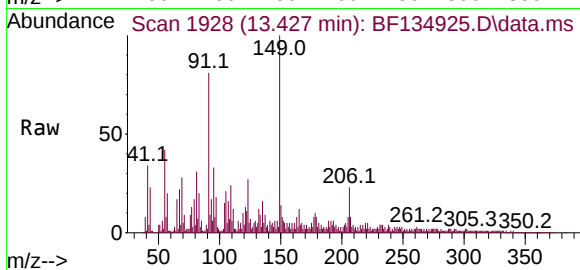
Tgt Ion:149 Resp: 243921

Ion Ratio Lower Upper

149 100

91 81.3 57.2 85.8

206 22.9 18.0 27.0



#81

Benzo(a)anthracene

Concen: 70.321 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.029 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

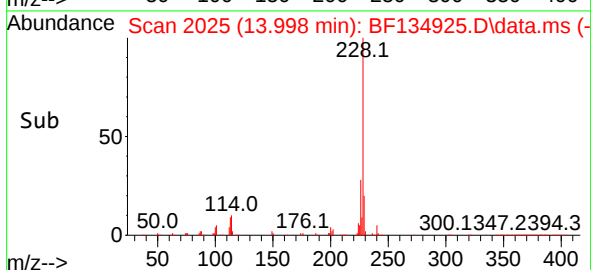
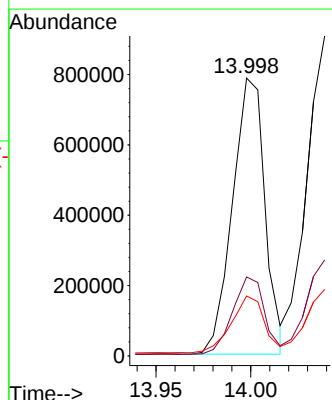
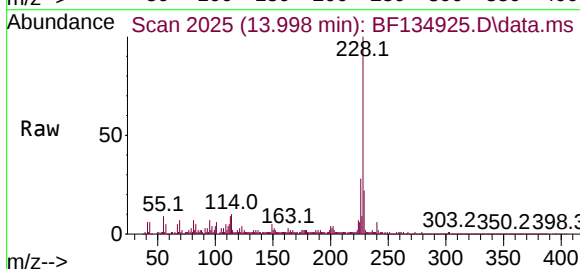
Tgt Ion:228 Resp: 936626

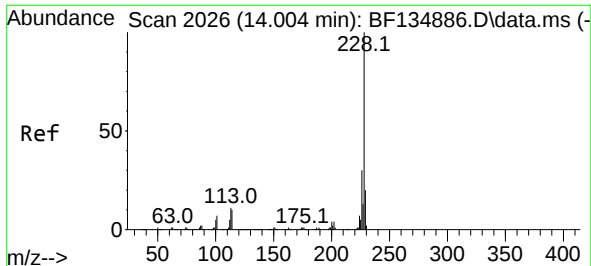
Ion Ratio Lower Upper

228 100

226 28.4 21.8 32.6

229 21.6 15.6 23.4

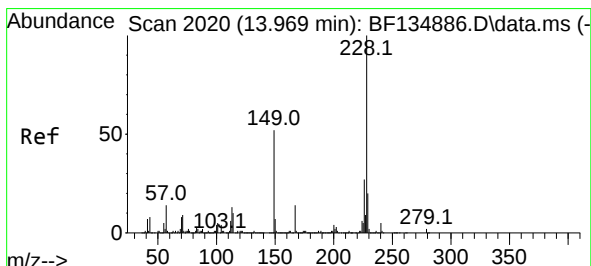
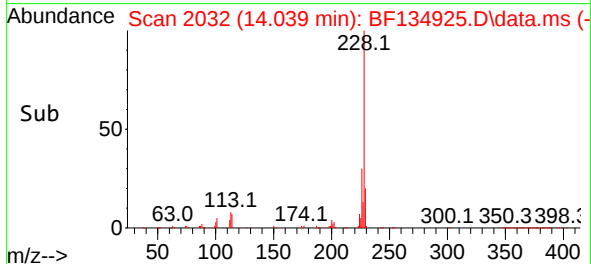
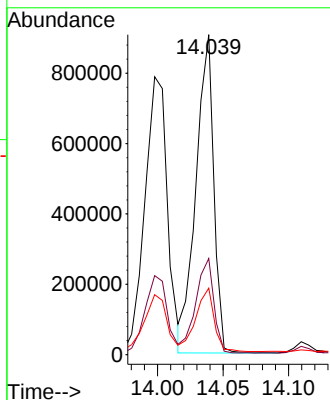
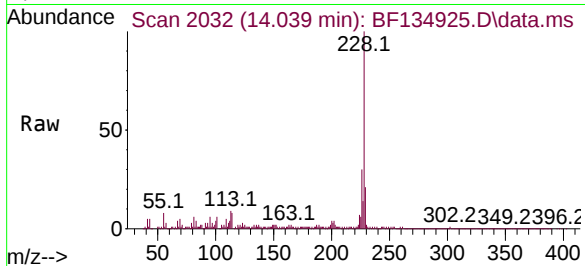




#83
Chrysene
Concen: 65.031 ng
RT: 14.039 min Scan# 20
Delta R.T. 0.035 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

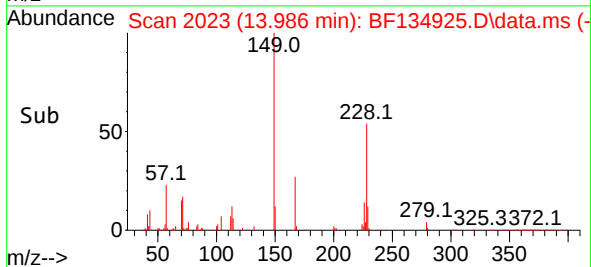
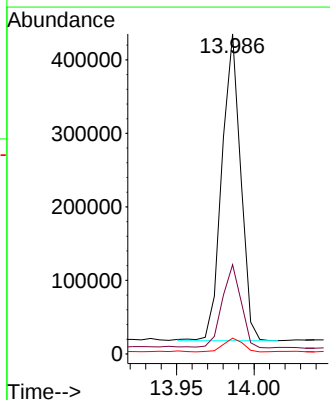
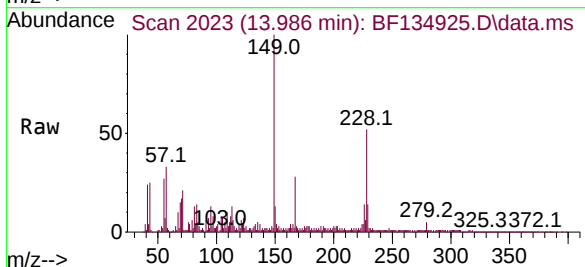
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

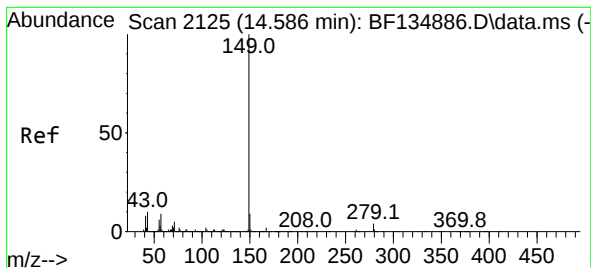
Tgt Ion:228 Resp: 854621
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 20.8 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.711 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.018 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:149 Resp: 353245
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 63.013 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

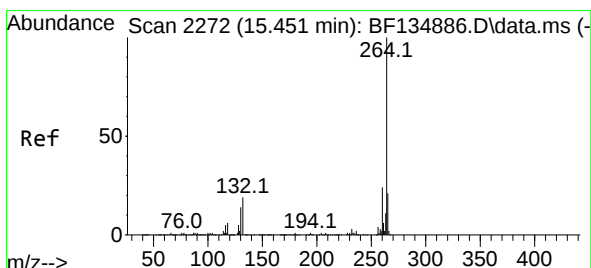
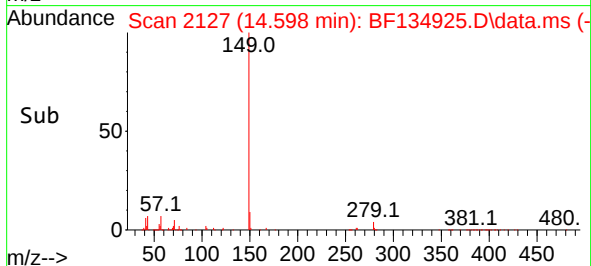
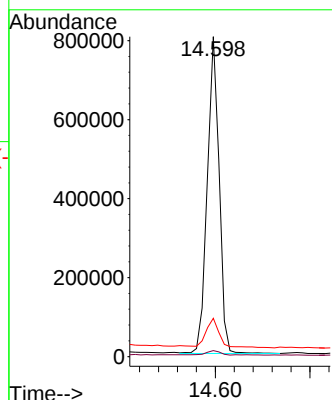
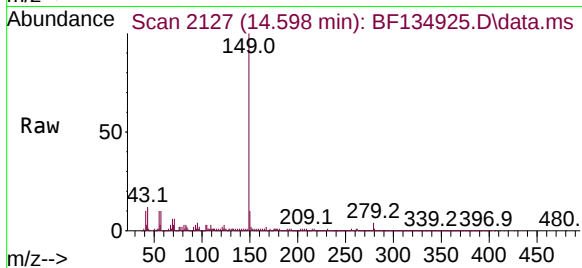
Tgt Ion:149 Resp: 701922

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 10.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.023 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

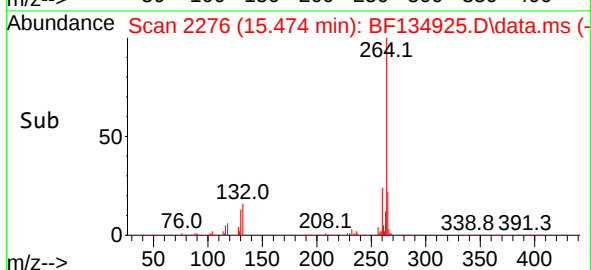
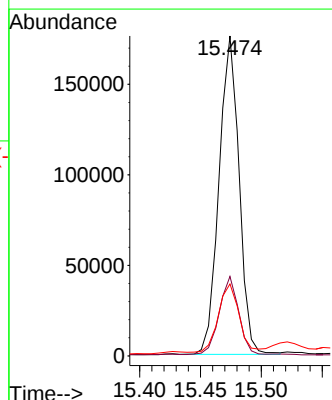
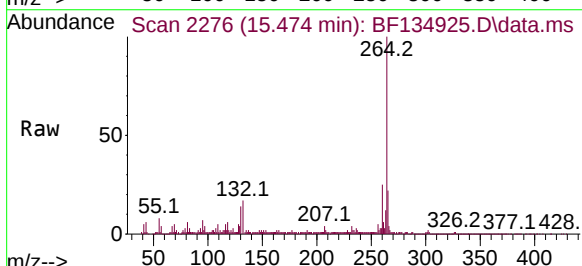
Tgt Ion:264 Resp: 201447

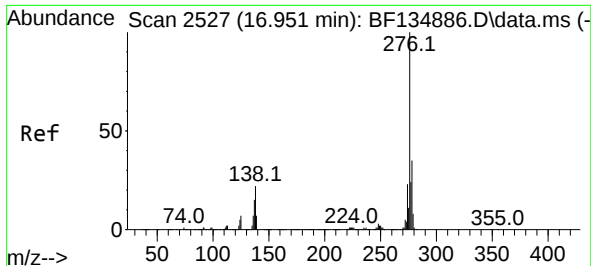
Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 22.5 17.1 25.7

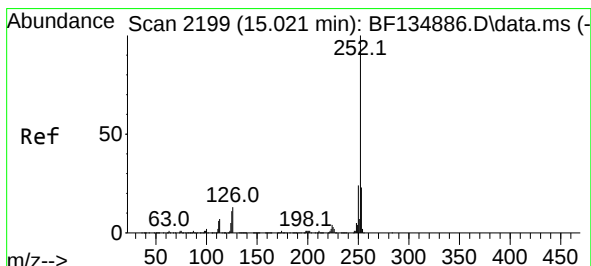
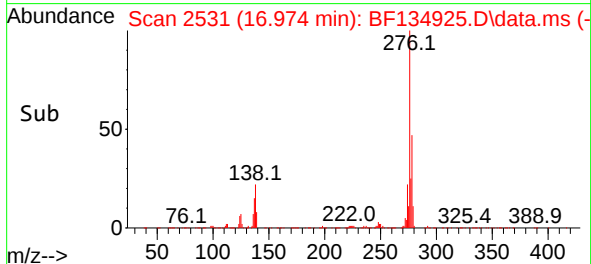
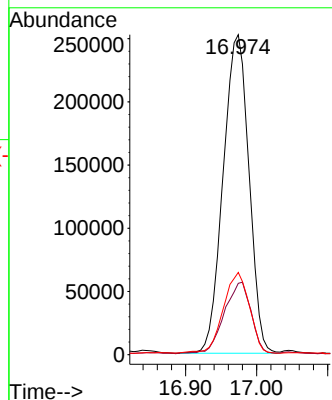
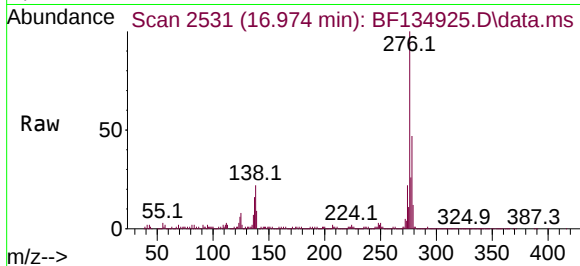




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.198 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

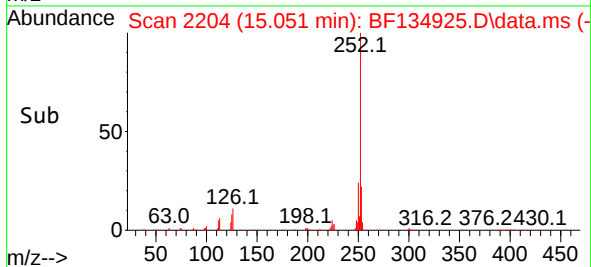
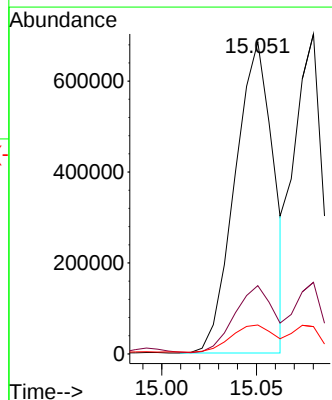
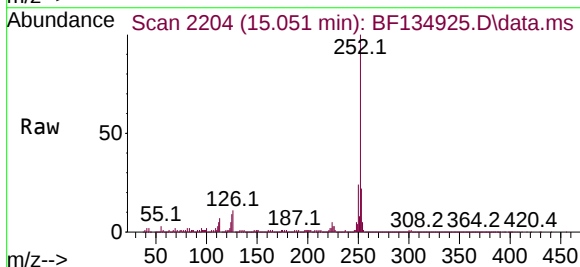
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

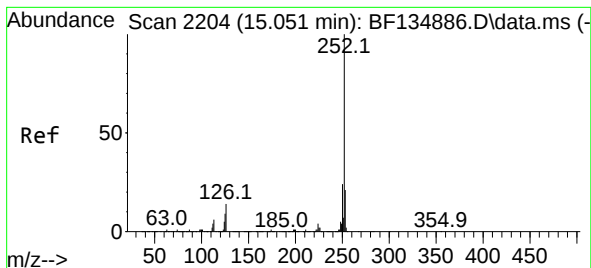
Tgt Ion:276 Resp: 636411
Ion Ratio Lower Upper
276 100
138 23.3 19.7 29.5
277 25.6 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 85.367 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.029 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:252 Resp: 970241
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 9.2 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 64.598 ng

RT: 15.080 min Scan# 2209

Delta R.T. 0.029 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

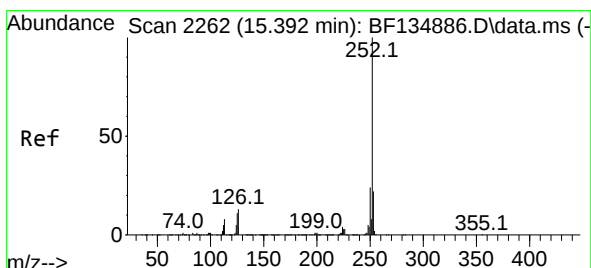
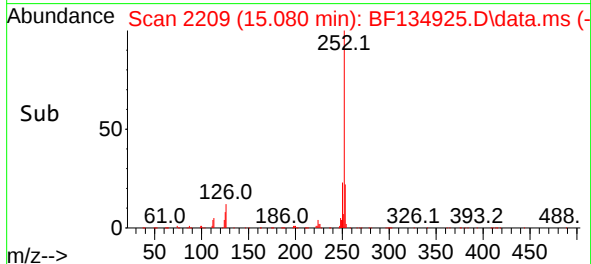
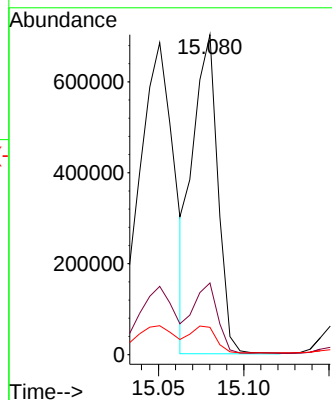
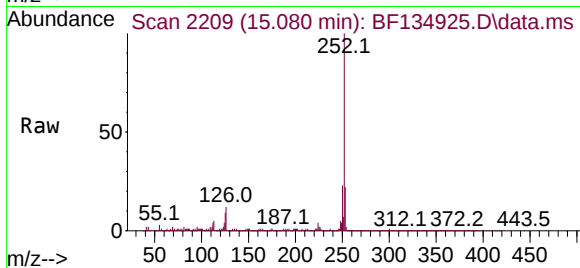
Tgt Ion:252 Resp: 720960

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 8.5 8.0 12.0



#90

Benzo(a)pyrene

Concen: 66.037 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.023 min

Lab File: BF134925.D

Acq: 24 Aug 2023 15:41

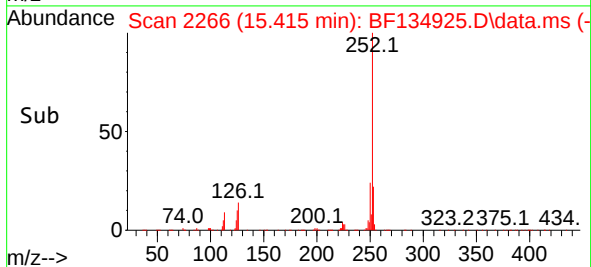
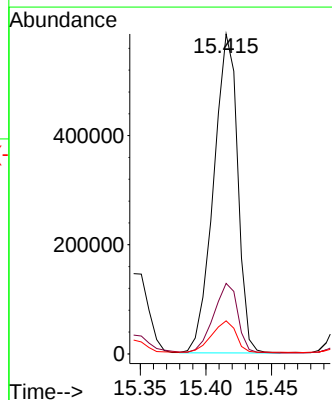
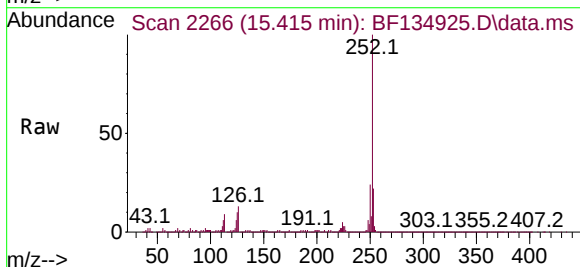
Tgt Ion:252 Resp: 749253

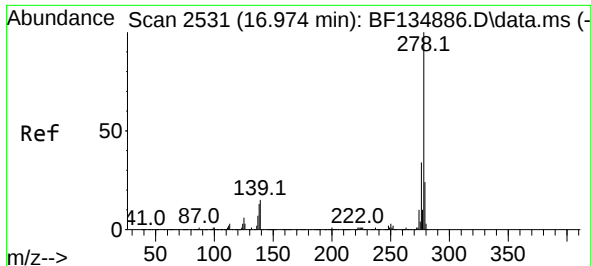
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.3 8.4 12.6

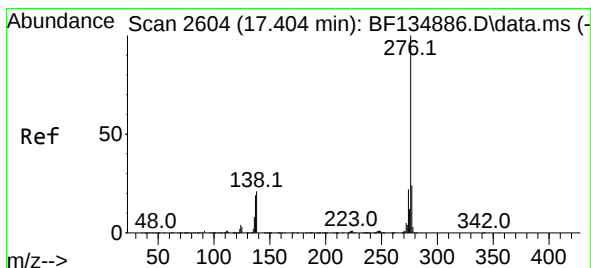
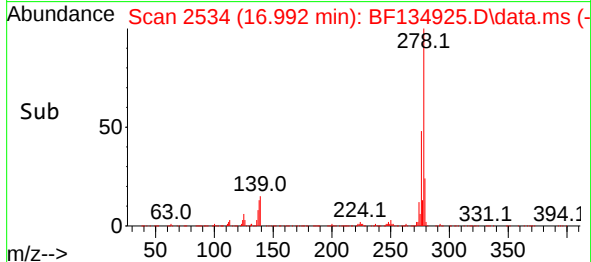
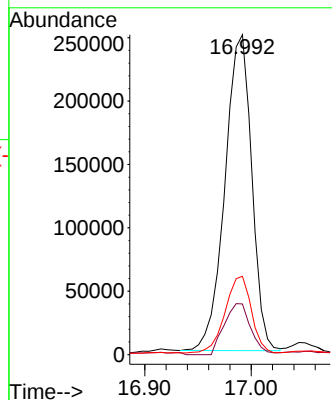
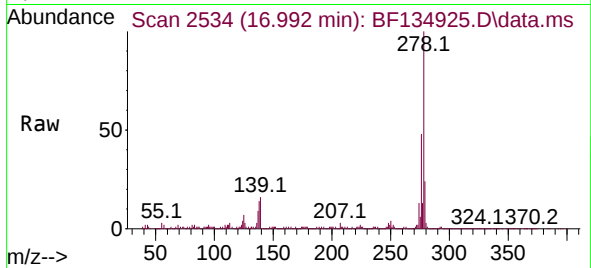




#91
Dibenzo(a,h)anthracene
Concen: 37.344 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 435087
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.4
279 24.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 43.218 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.023 min
Lab File: BF134925.D
Acq: 24 Aug 2023 15:41

Tgt Ion:276 Resp: 515443
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 20.1 17.0 25.6

