

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138919.D
 Acq On : 10 Aug 2024 19:54
 Operator : RC/JU
 Sample : P3466-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 924-K1-WP0-0.25-080224MSD

Quant Time: Aug 12 01:18:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	34191	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	141223	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	77035	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	117000	20.000	ng	0.00
76) Chrysene-d12	14.004	240	66468	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	77789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	181870	82.110	ng	0.00
7) Phenol-d6	6.487	99	156200	52.526	ng	0.00
23) Nitrobenzene-d5	7.410	82	310169	107.380	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	98155	155.550	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	535583	104.461	ng	0.00
79) Terphenyl-d14	12.939	244	409719	103.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	22305	23.002	ng	95
3) Pyridine	3.405	79	41478	17.657	ng	96
4) n-Nitrosodimethylamine	3.346	42	46462	33.209	ng	84
6) Aniline	6.504	93	88946	33.538	ng	89
8) 2-Chlorophenol	6.634	128	119590	51.318	ng	96
9) Benzaldehyde	6.398	77	6284	3.525	ng	95
10) Phenol	6.498	94	65912	21.051	ng	# 58
11) bis(2-Chloroethyl)ether	6.575	93	128966	53.525	ng	99
12) 1,3-Dichlorobenzene	6.781	146	123016	47.158	ng	99
13) 1,4-Dichlorobenzene	6.857	146	126794	48.164	ng	99
14) 1,2-Dichlorobenzene	7.010	146	123337	50.131	ng	100
15) Benzyl Alcohol	6.987	79	100199	46.749	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	218500	52.694	ng	66
17) 2-Methylphenol	7.110	107	83576	43.432	ng	# 80
18) Hexachloroethane	7.345	117	47057	47.487	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	109143	60.766	ng	97
20) 3+4-Methylphenols	7.257	107	102267	41.421	ng	# 87
22) Acetophenone	7.251	105	191497	55.381	ng	96
24) Nitrobenzene	7.428	77	160409	54.575	ng	99
25) Isophorone	7.663	82	288983	58.590	ng	98
26) 2-Nitrophenol	7.745	139	73417	58.057	ng	96
27) 2,4-Dimethylphenol	7.781	122	88442	58.455	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	165927	55.243	ng	99
29) 2,4-Dichlorophenol	7.992	162	110652	56.914	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	117596	52.413	ng	98
31) Naphthalene	8.145	128	401018	53.947	ng	100
32) Benzoic acid	7.904	122	15498	13.031	ng	97
33) 4-Chloroaniline	8.198	127	84924	34.034	ng	99
34) Hexachlorobutadiene	8.251	225	67737	49.844	ng	99
35) Caprolactam	8.581	113	6516	11.232	ng	99
36) 4-Chloro-3-methylphenol	8.687	107	122411	55.092	ng	100
37) 2-Methylnaphthalene	8.834	142	266959	56.864	ng	99
38) 1-Methylnaphthalene	8.934	142	247829	53.872	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	115492	53.970	ng	98
41) Hexachlorocyclopentadiene	8.981	237	65087	111.872	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	73880	56.624	ng	99

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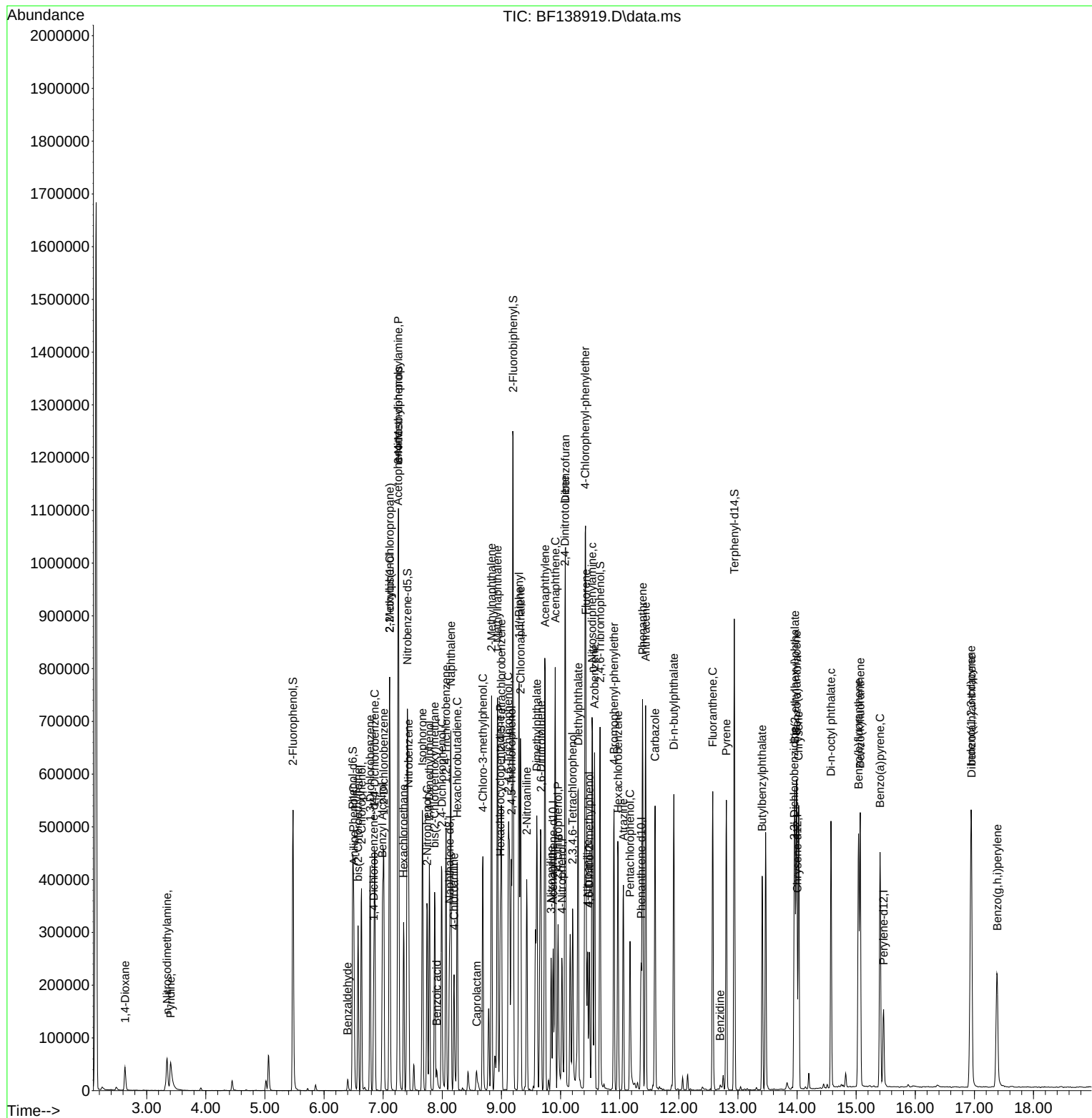
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	77298	54.192	ng	99
46) 1,1'-Biphenyl	9.298	154	320798	53.172	ng	99
47) 2-Chloronaphthalene	9.322	162	252650	56.305	ng	99
48) 2-Nitroaniline	9.428	65	93263	61.309	ng	96
49) Acenaphthylene	9.739	152	393926	61.898	ng	100
50) Dimethylphthalate	9.598	163	298344	60.569	ng	99
51) 2,6-Dinitrotoluene	9.669	165	65187	58.640	ng	89
52) Acenaphthene	9.910	154	240033	56.108	ng	99
53) 3-Nitroaniline	9.839	138	45214	39.344	ng	98
54) 2,4-Dinitrophenol	9.957	184	55250	107.968	ng	86
55) Dibenzofuran	10.081	168	360390	59.678	ng	98
56) 4-Nitrophenol	10.022	139	18616	26.938	ng	# 80
57) 2,4-Dinitrotoluene	10.075	165	84878	59.846	ng	# 84
58) Fluorene	10.428	166	283666	58.986	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	59655	54.705	ng	95
60) Diethylphthalate	10.298	149	282751	60.541	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	140253	59.299	ng	97
62) 4-Nitroaniline	10.457	138	55069	50.425	ng	88
63) Azobenzene	10.575	77	301627	58.230	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	43757	61.301	ng	93
66) n-Nitrosodiphenylamine	10.533	169	238040	65.089	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	78988	62.355	ng	99
68) Hexachlorobenzene	10.975	284	81780	62.527	ng	96
69) Atrazine	11.063	200	61671	65.360	ng	97
70) Pentachlorophenol	11.175	266	47945	81.327	ng	94
71) Phenanthrene	11.386	178	378058	62.753	ng	100
72) Anthracene	11.439	178	374504	63.101	ng	99
73) Carbazole	11.598	167	288639	56.370	ng	98
74) Di-n-butylphthalate	11.916	149	366812	63.725	ng	99
75) Fluoranthene	12.575	202	307947	54.753	ng	99
77) Benzidine	12.698	184	7257	4.565	ng	# 96
78) Pyrene	12.804	202	304771	48.700	ng	100
80) Butylbenzylphthalate	13.410	149	118626	59.193	ng	98
81) Benzo(a)anthracene	13.992	228	275804	60.257	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	66247	56.558	ng	95
83) Chrysene	14.027	228	256550	62.127	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	169927	57.905	ng	98
85) Di-n-octyl phthalate	14.574	149	307742	56.680	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	286427	51.380	ng	97
88) Benzo(b)fluoranthene	15.039	252	284852	59.071	ng	98
89) Benzo(k)fluoranthene	15.068	252	279472	66.938	ng	98
90) Benzo(a)pyrene	15.404	252	267531	65.957	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	232405	50.787	ng	96
92) Benzo(g,h,i)perylene	17.386	276	203733	42.904	ng	96

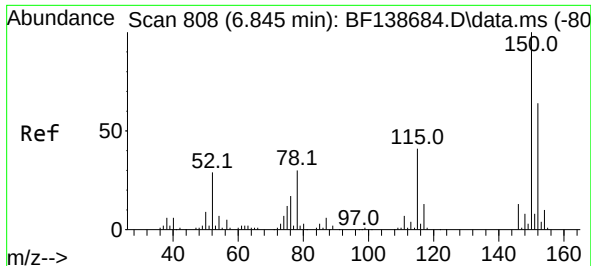
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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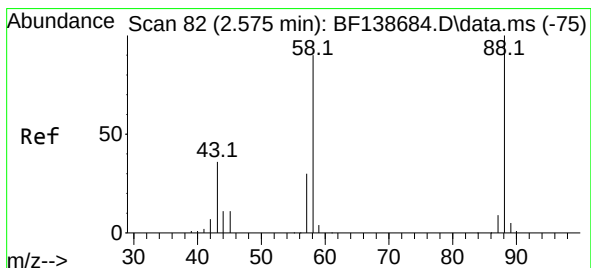
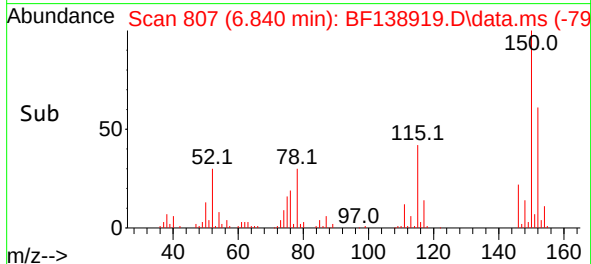
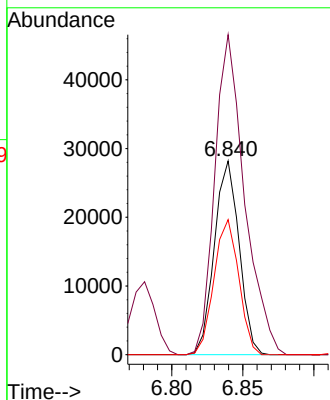
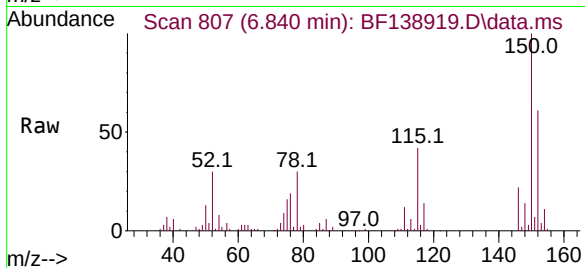




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138919.D
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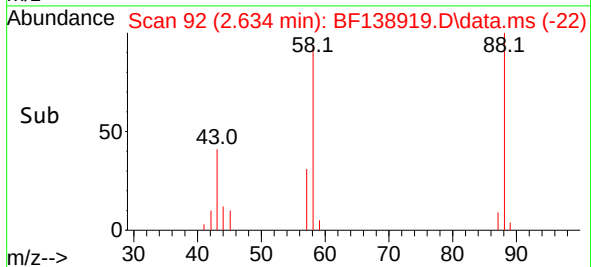
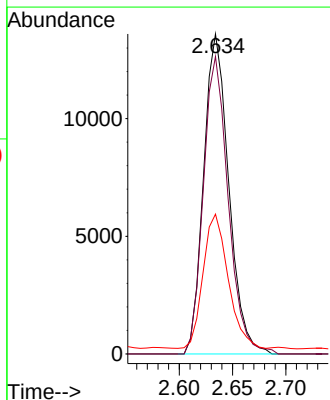
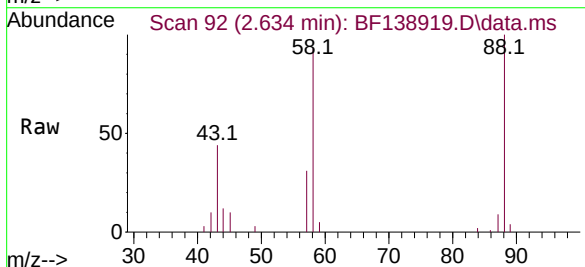
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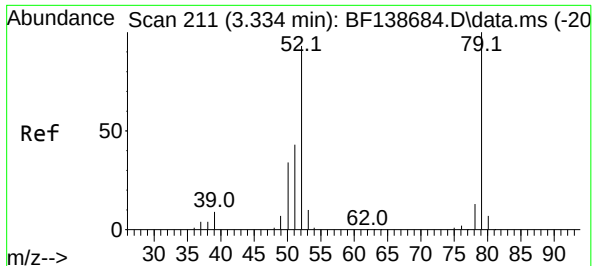
Tgt Ion:152 Resp: 34191
Ion Ratio Lower Upper
152 100
150 165.2 126.0 189.0
115 69.7 51.7 77.5



#2
1,4-Dioxane
Concen: 23.002 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.059 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 88 Resp: 22305
Ion Ratio Lower Upper
88 100
58 92.1 71.6 107.4
43 41.8 28.7 43.1

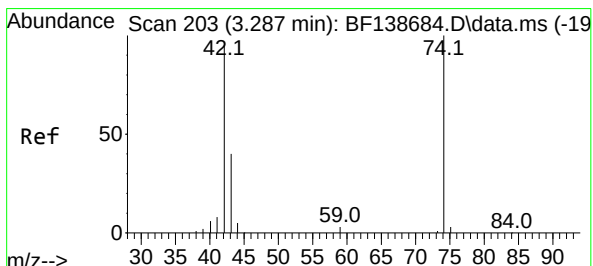
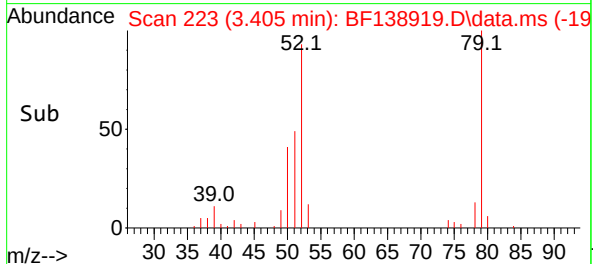
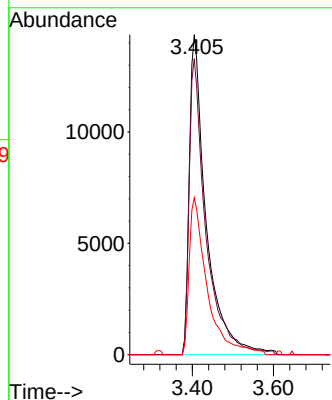
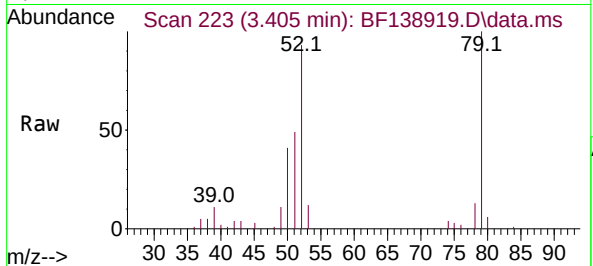




#3
Pyridine
Concen: 17.657 ng
RT: 3.405 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

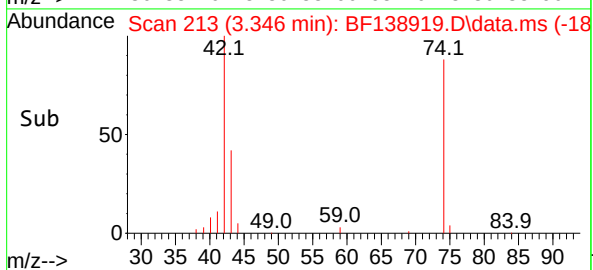
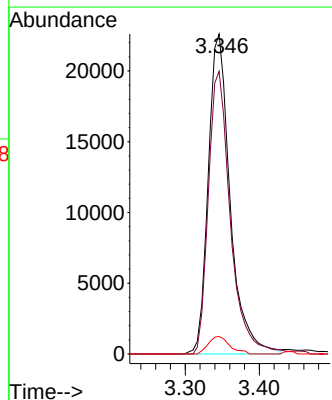
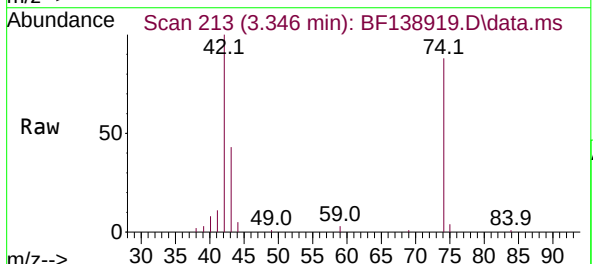
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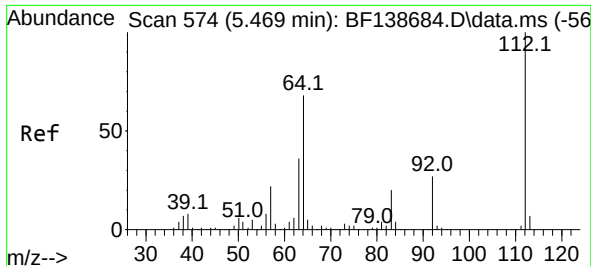
Tgt Ion: 79 Resp: 41478
Ion Ratio Lower Upper
79 100
52 92.5 74.7 112.1
51 49.0 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 33.209 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 42 Resp: 46462
Ion Ratio Lower Upper
42 100
74 88.3 84.2 126.4
44 5.5 4.9 7.3

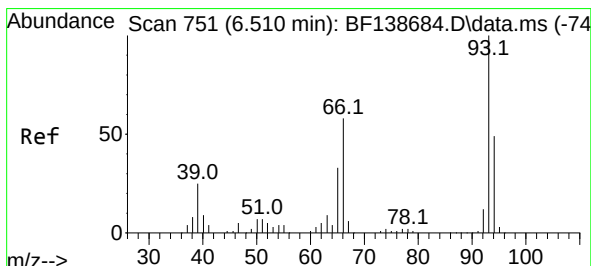
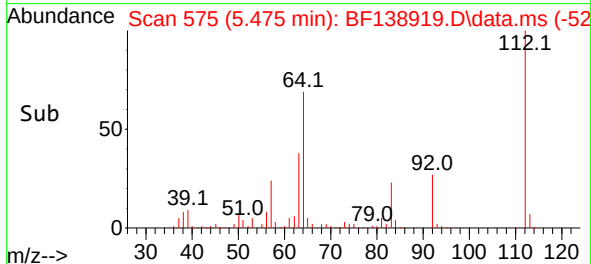
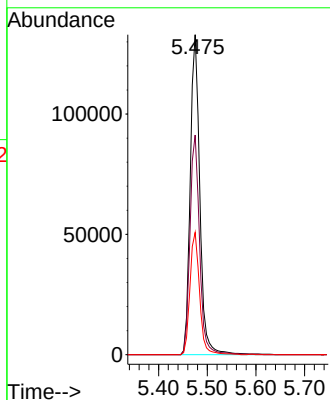
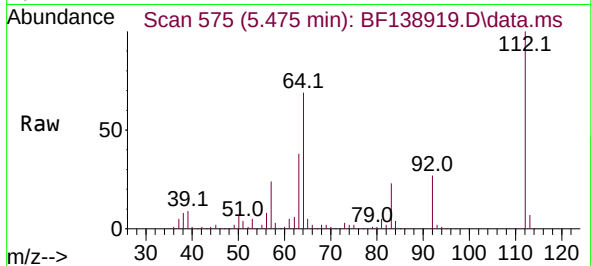




#5
2-Fluorophenol
Concen: 82.110 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

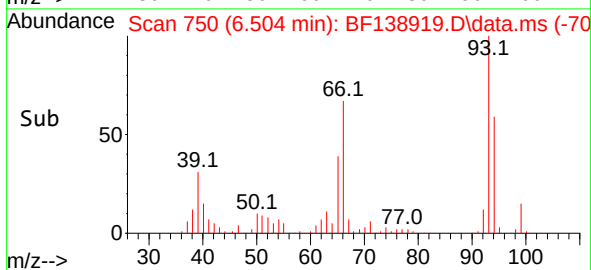
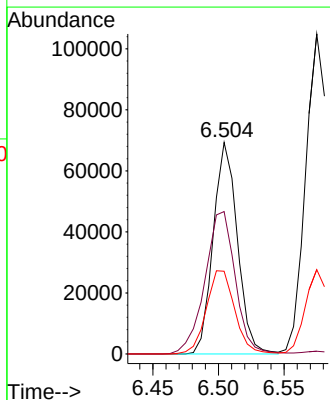
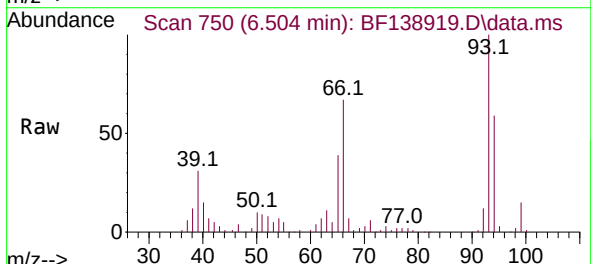
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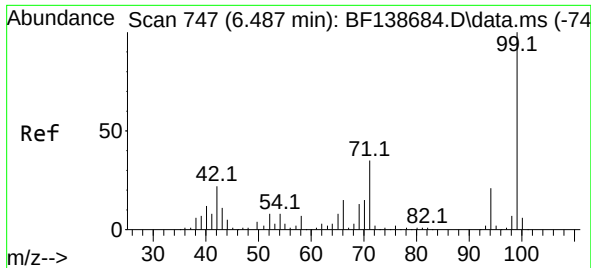
Tgt Ion:112 Resp: 181870
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 38.2 28.7 43.1



#6
Aniline
Concen: 33.538 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 93 Resp: 88946
Ion Ratio Lower Upper
93 100
66 67.3 46.9 70.3
65 39.1 26.5 39.7

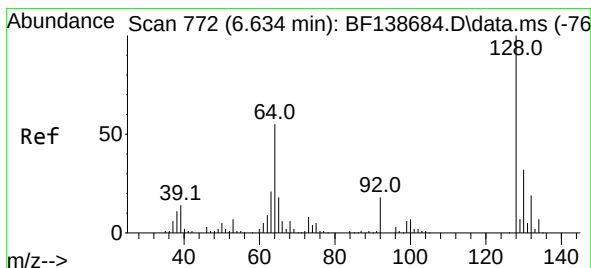
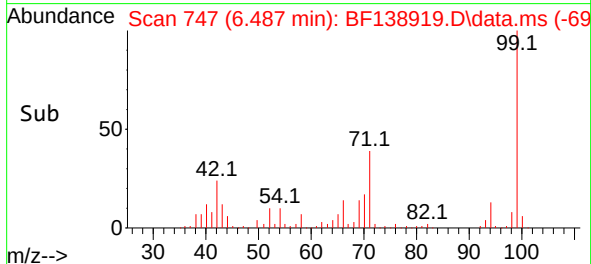
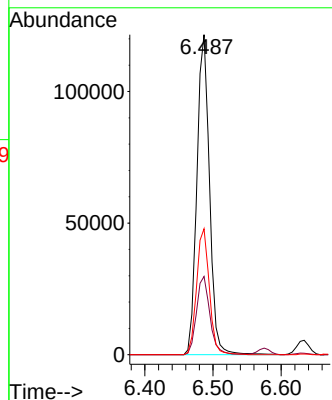
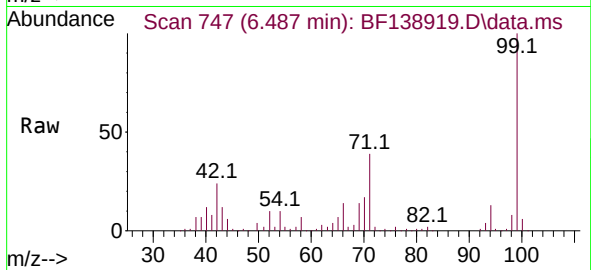




#7
Phenol-d6
Concen: 52.526 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138919.D
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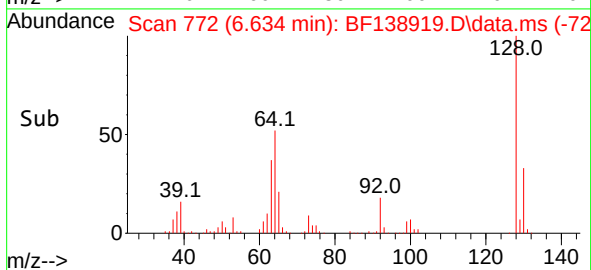
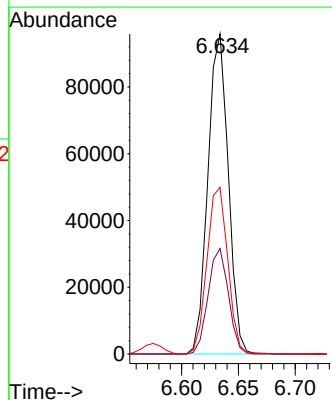
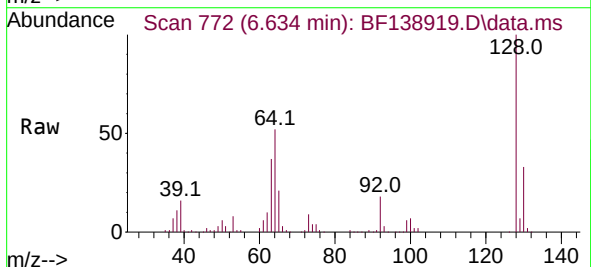
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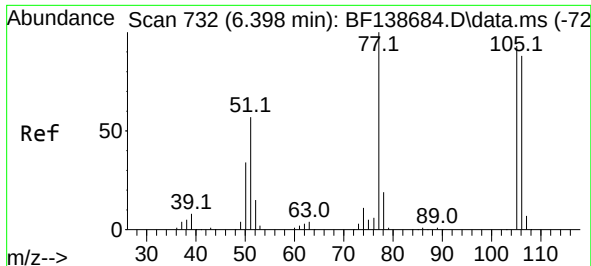
Tgt Ion: 99 Resp: 156200
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 39.3 28.1 42.1



#8
2-Chlorophenol
Concen: 51.318 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 128 Resp: 119590
Ion Ratio Lower Upper
128 100
130 32.9 12.0 52.0
64 52.1 36.3 76.3

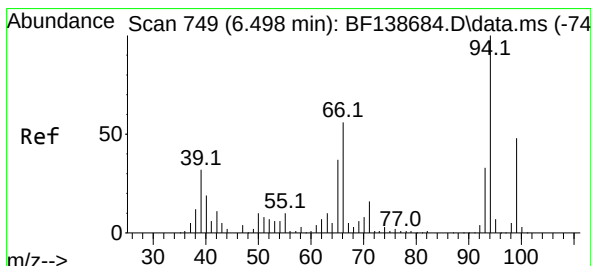
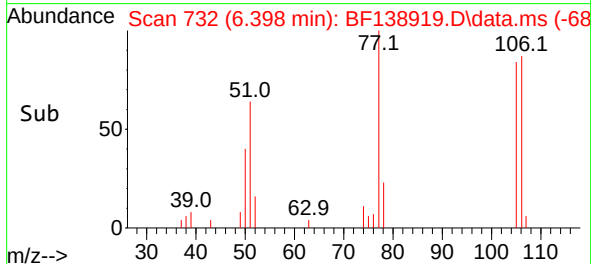
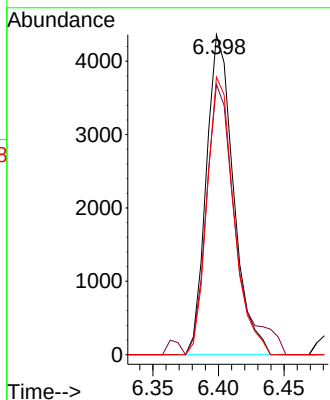
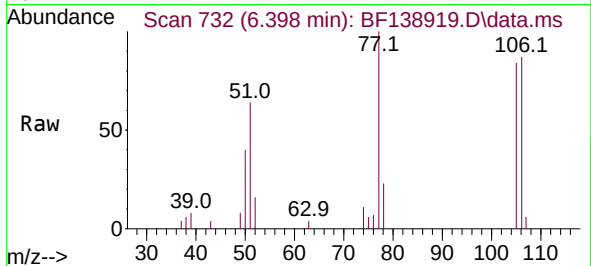




#9
Benzaldehyde
Concen: 3.525 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
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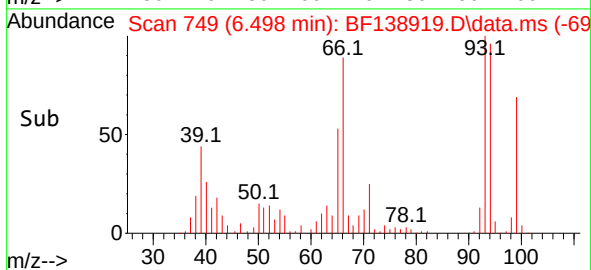
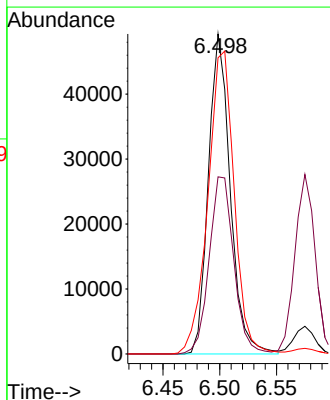
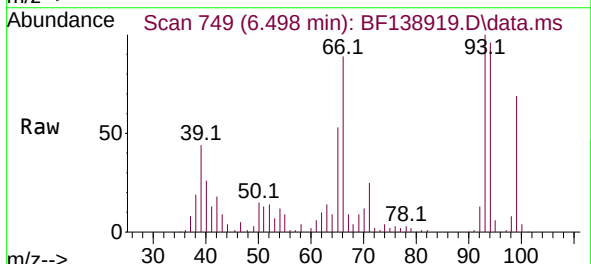
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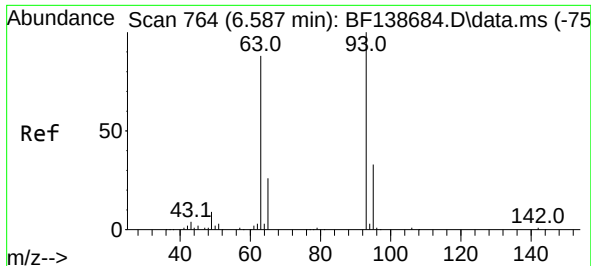
Tgt Ion: 77	Resp: 6284		
Ion Ratio	Lower	Upper	
77 100			
105 84.4	72.9	112.9	
106 86.7	68.4	108.4	



#10
Phenol
Concen: 21.051 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 94	Resp: 65912
Ion Ratio	Lower Upper
94 100	
65 55.3	16.9 56.9
66 92.5	36.5 76.5#

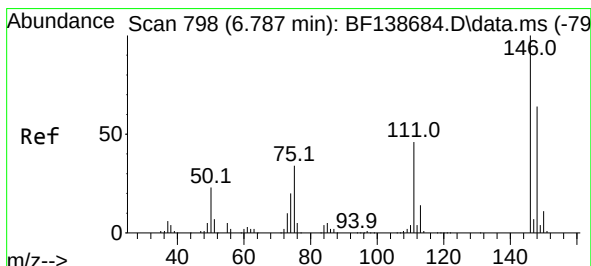
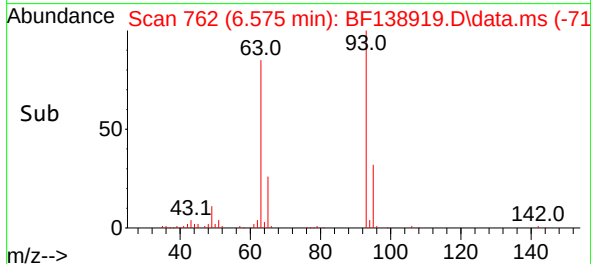
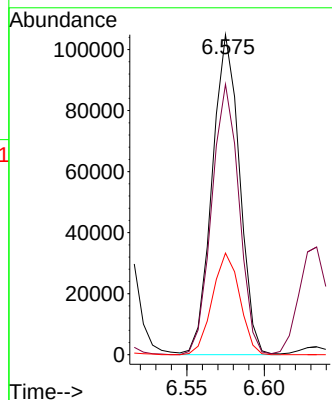
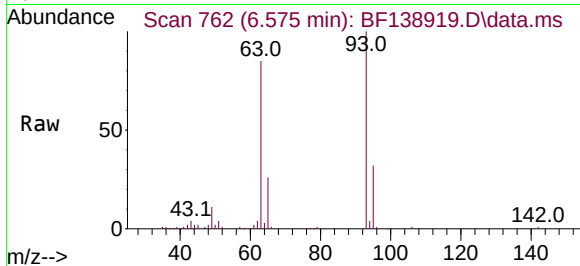




#11
bis(2-Chloroethyl)ether
Concen: 53.525 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

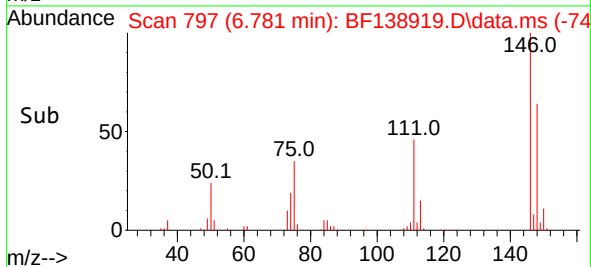
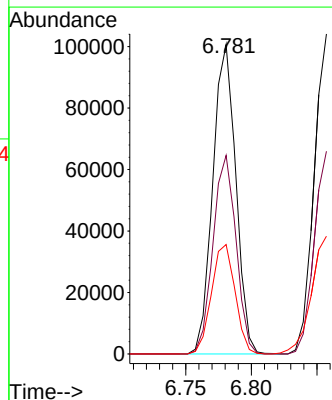
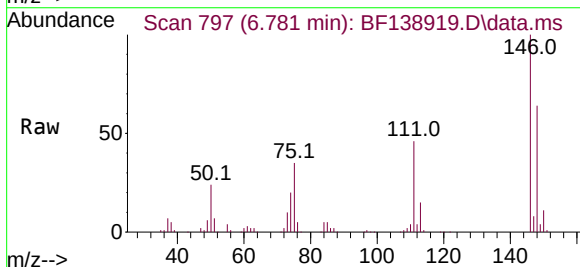
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

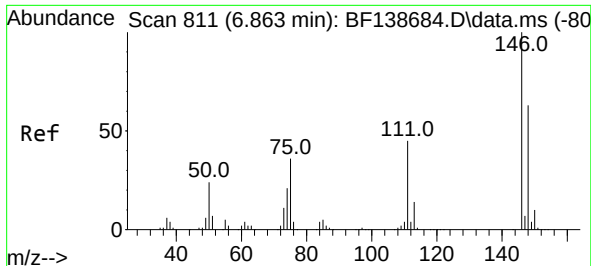
Tgt Ion: 93 Resp: 128966
Ion Ratio Lower Upper
93 100
63 84.5 65.3 105.3
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.158 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 146 Resp: 123016
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 35.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.164 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

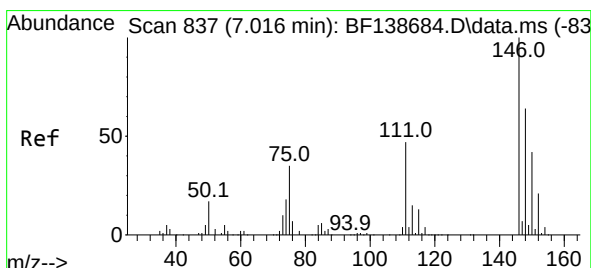
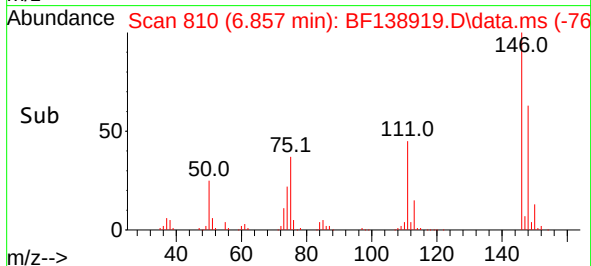
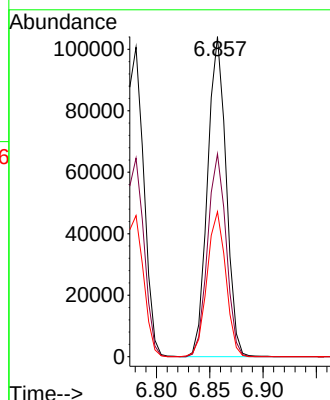
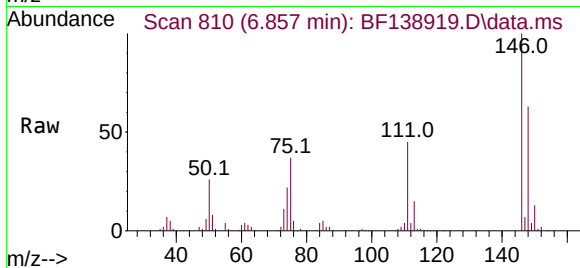
Tgt Ion:146 Resp: 126794

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 45.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 50.131 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

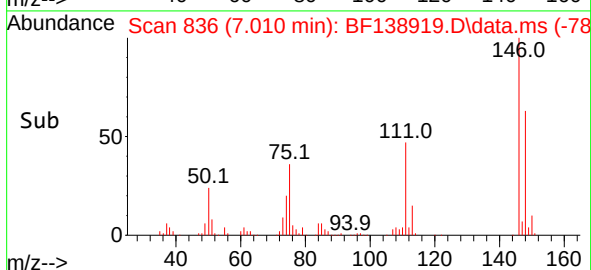
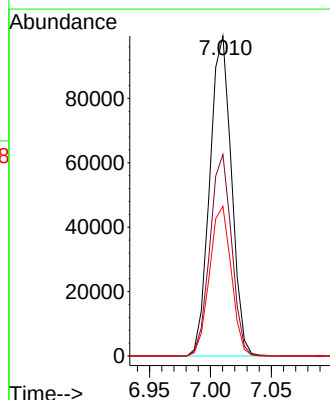
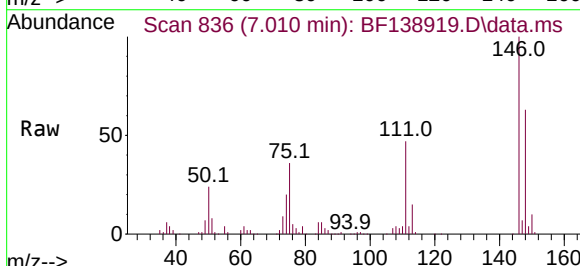
Tgt Ion:146 Resp: 123337

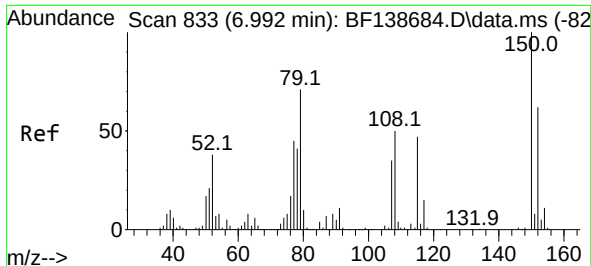
Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

111 46.8 37.4 56.2

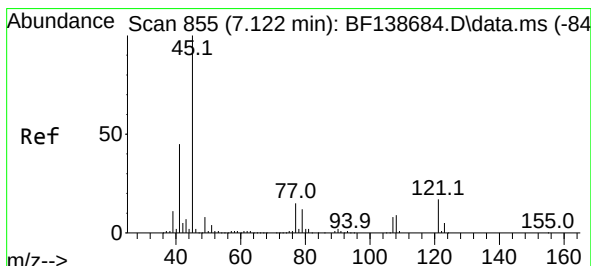
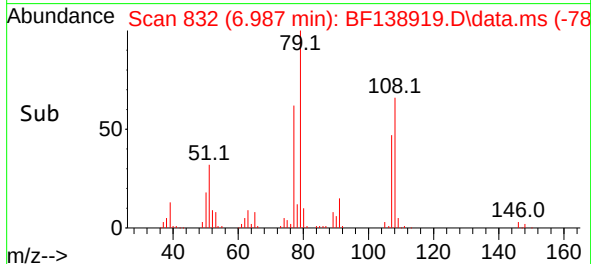
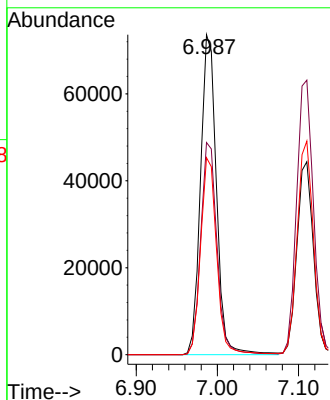
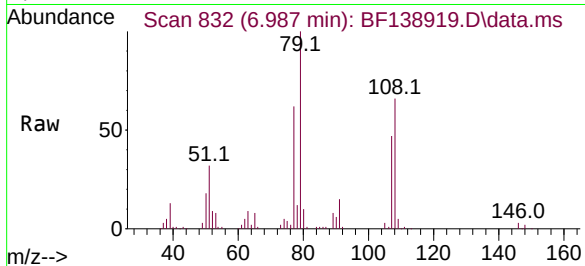




#15
Benzyl Alcohol
Concen: 46.749 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

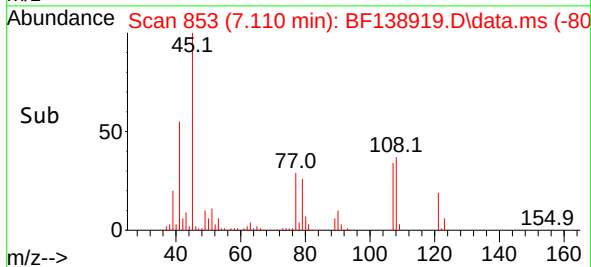
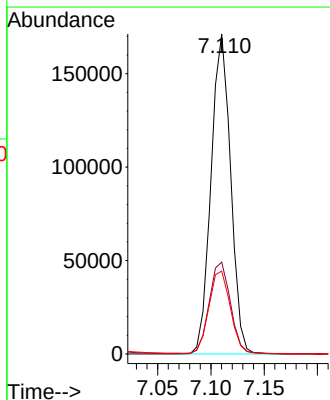
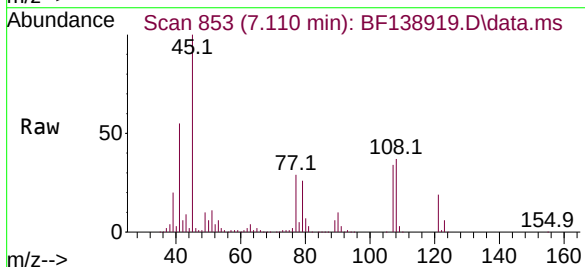
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

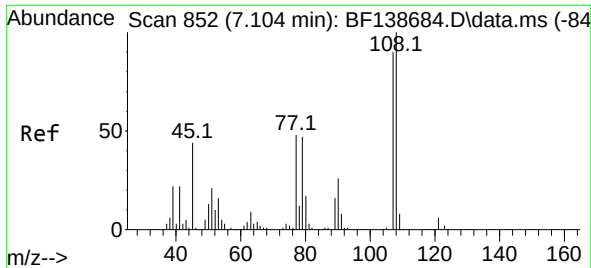
Tgt Ion: 79 Resp: 100199
Ion Ratio Lower Upper
79 100
108 66.3 56.6 85.0
77 61.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.694 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 45 Resp: 218500
Ion Ratio Lower Upper
45 100
77 28.7 0.0 34.9
79 25.9 0.0 32.2

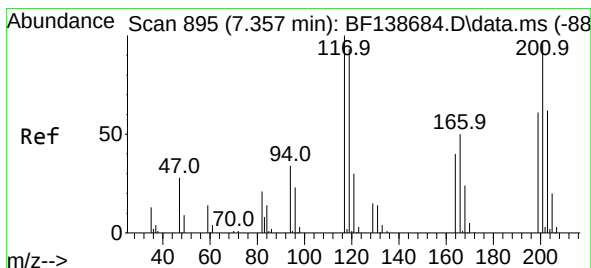
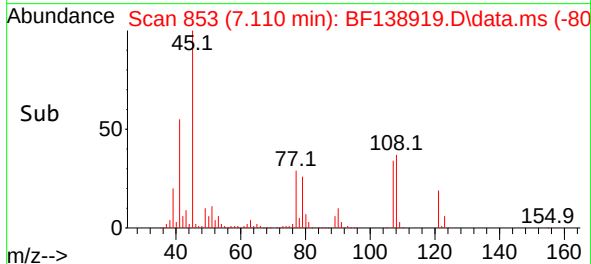
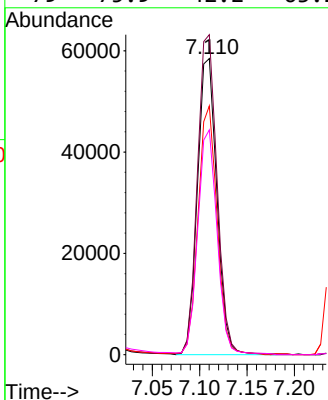
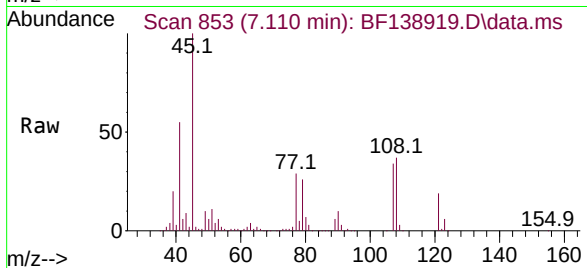




#17
2-Methylphenol
Concen: 43.432 ng
RT: 7.110 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

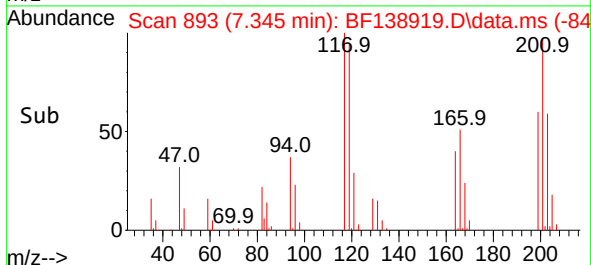
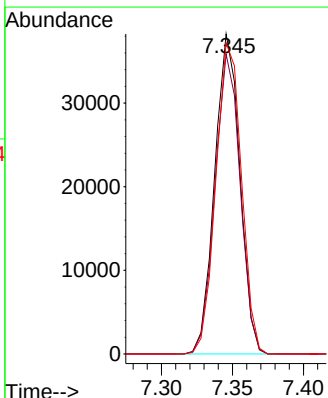
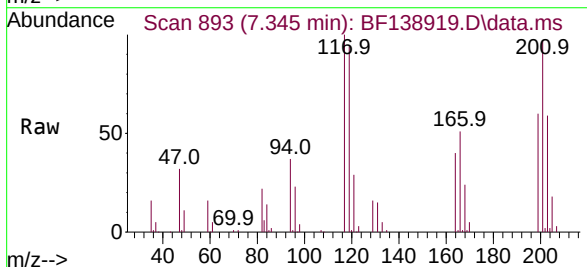
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

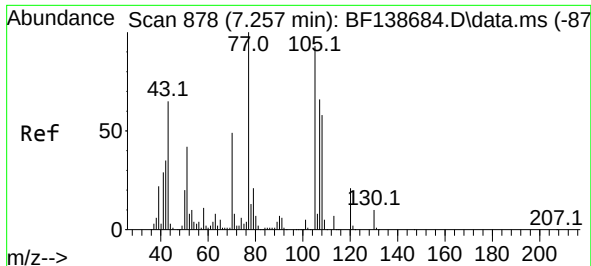
Tgt Ion:	107	Resp:	83576
Ion	Ratio	Lower	Upper
107	100		
108	108.0	89.2	133.8
77	84.0	43.0	64.4#
79	75.9	42.2	63.2#



#18
Hexachloroethane
Concen: 47.487 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:	117	Resp:	47057
Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.6	111.8
201	97.2	77.2	115.8



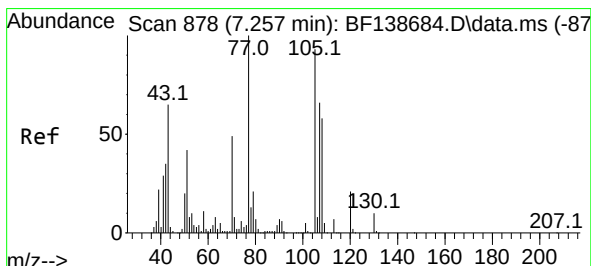
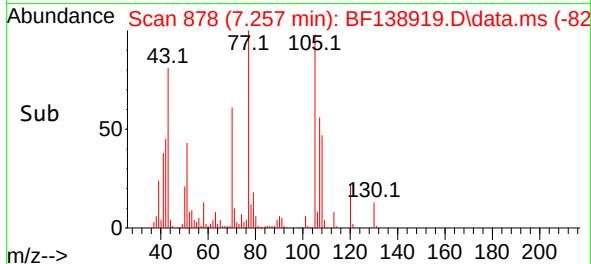
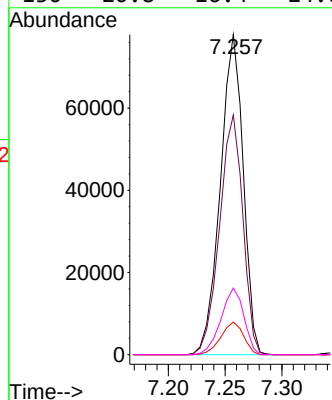
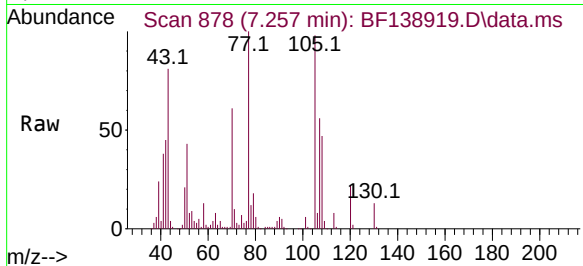


#19
n-Nitroso-di-n-propylamine
Concen: 60.766 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

Tgt Ion: 70 Resp: 109143

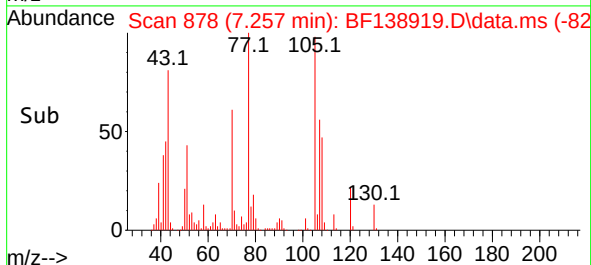
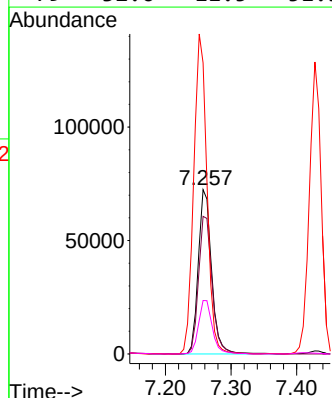
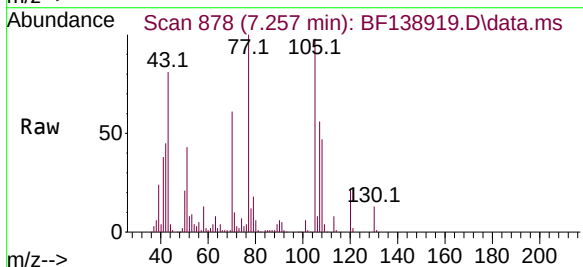
Ion	Ratio	Lower	Upper
70	100		
42	74.9	57.4	86.0
101	10.2	7.5	11.3
130	20.8	16.4	24.6

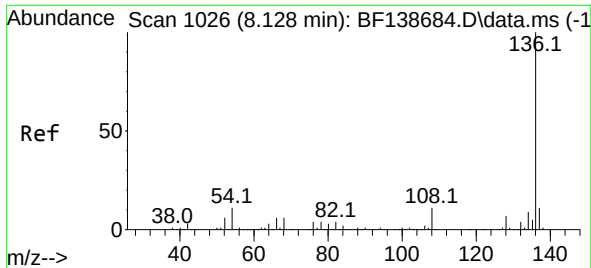


#20
3+4-Methylphenols
Concen: 41.421 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 107 Resp: 102267

Ion	Ratio	Lower	Upper
107	100		
108	83.7	68.2	108.2
77	177.1	132.1	172.1#
79	32.6	11.5	51.5

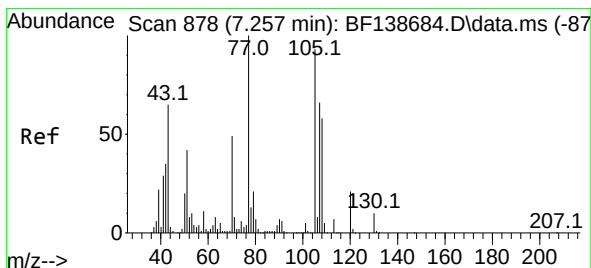
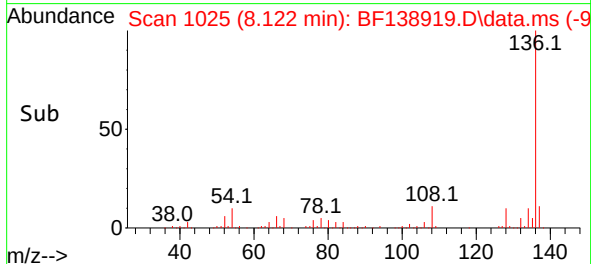
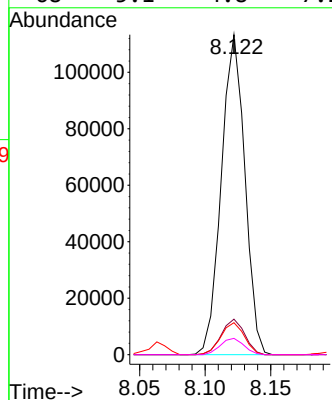
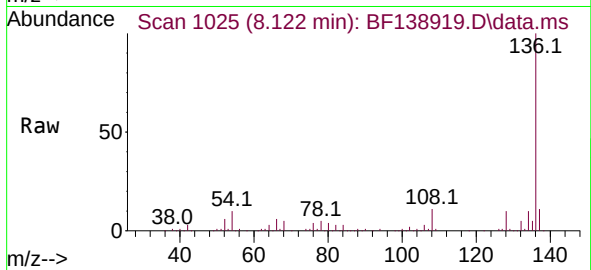




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

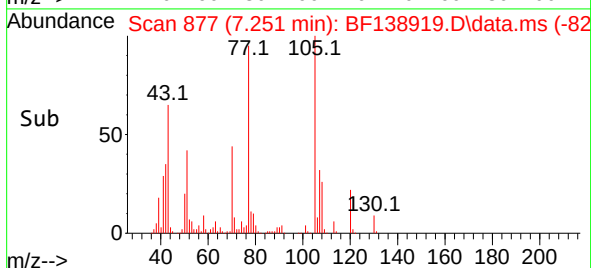
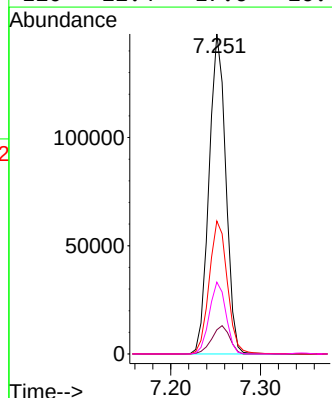
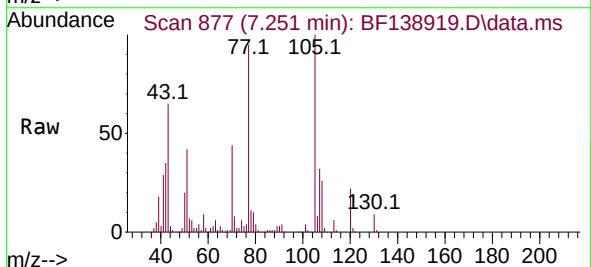
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

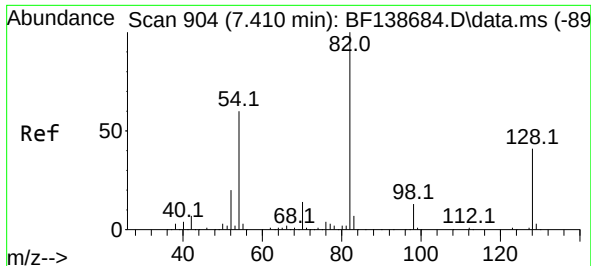
Tgt Ion:136	Resp: 141223		
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	8.6	12.8
68	5.1	4.8	7.2



#22
Acetophenone
Concen: 55.381 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion	105	Resp:	191497
Ion	Ratio	Lower	Upper
105	100		
71	7.6	7.2	10.8
51	41.6	35.9	53.9
120	22.4	17.6	26.4

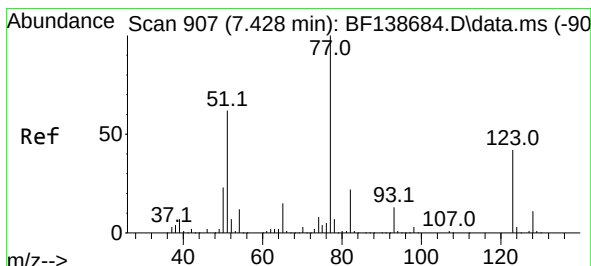
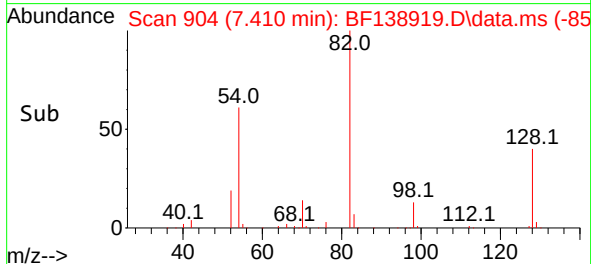
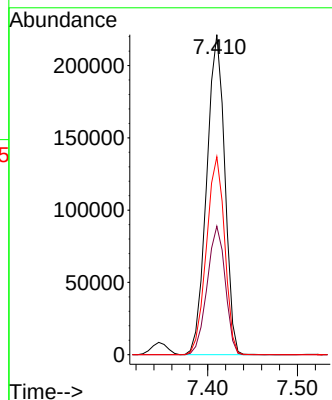
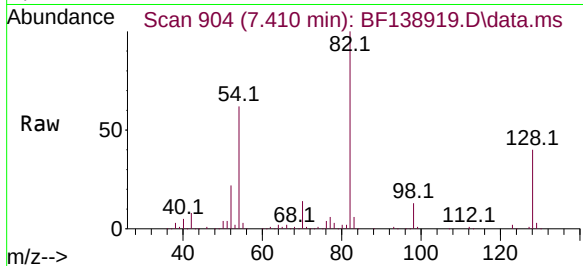




#23
Nitrobenzene-d5
Concen: 107.380 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

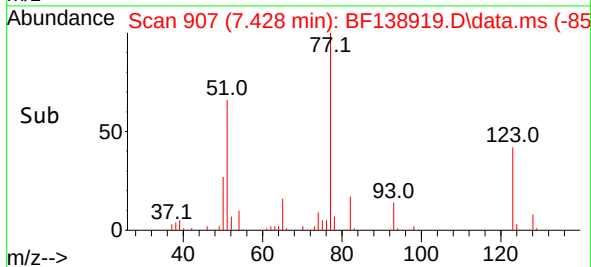
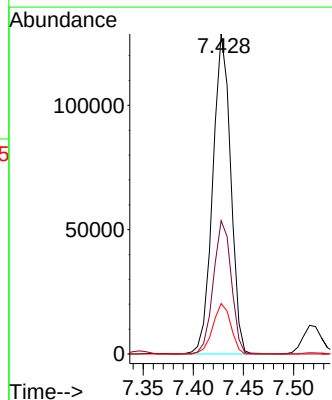
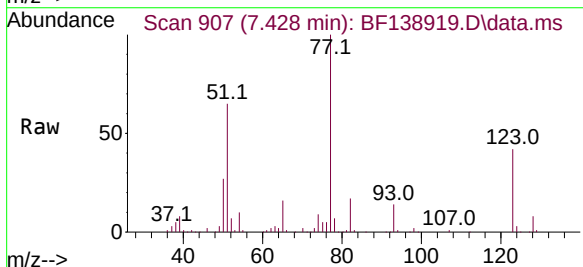
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

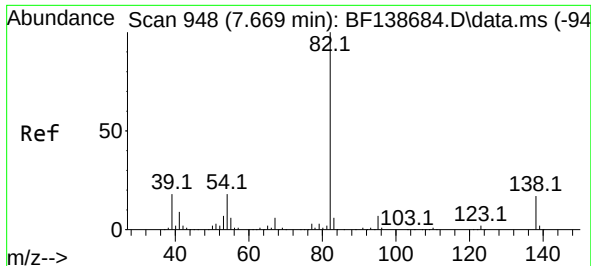
Tgt Ion: 82 Resp: 310169
Ion Ratio Lower Upper
82 100
128 40.1 32.8 49.2
54 61.8 48.3 72.5



#24
Nitrobenzene
Concen: 54.575 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 77 Resp: 160409
Ion Ratio Lower Upper
77 100
123 41.7 33.3 49.9
65 15.7 11.9 17.9

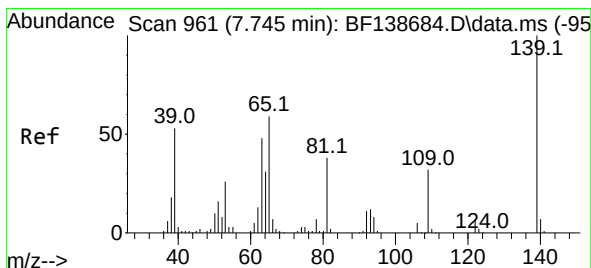
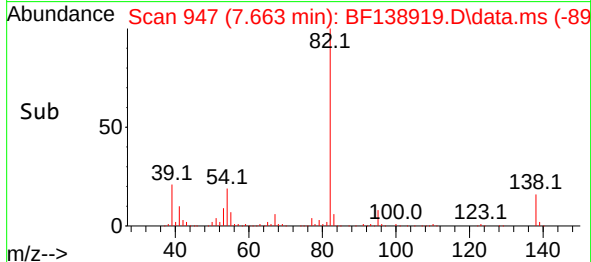
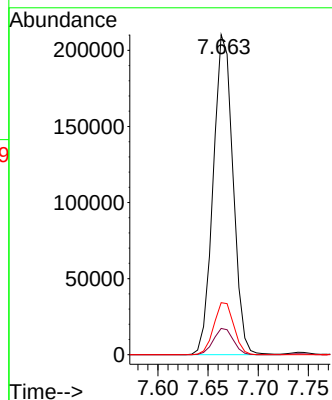
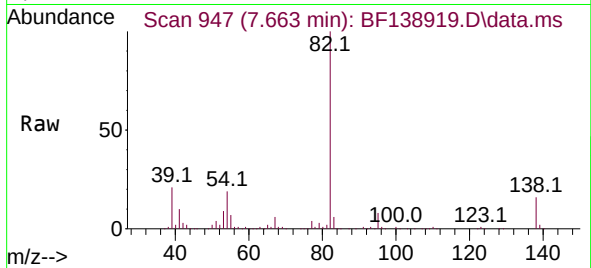




#25
Isophorone
Concen: 58.590 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

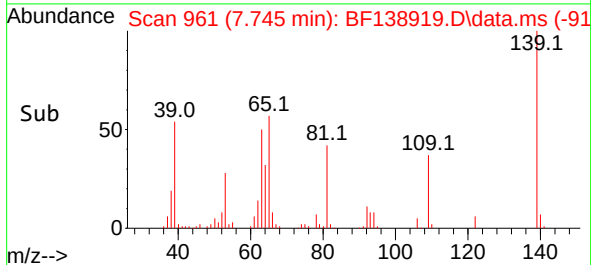
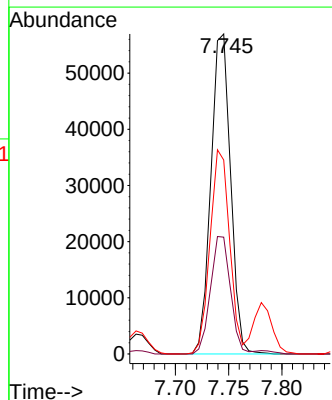
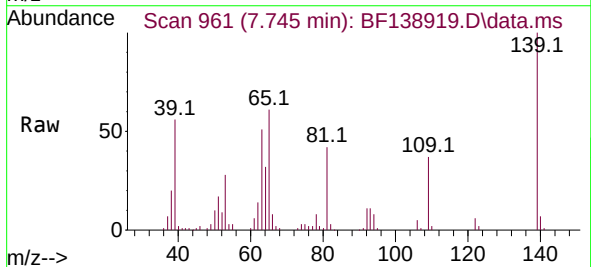
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

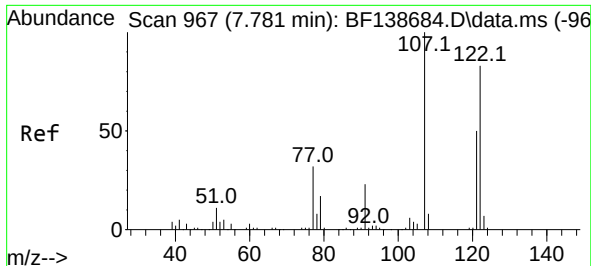
Tgt Ion: 82 Resp: 288983
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.2 13.7 20.5



#26
2-Nitrophenol
Concen: 58.057 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 139 Resp: 73417
Ion Ratio Lower Upper
139 100
109 36.5 25.9 38.9
65 60.6 47.0 70.6

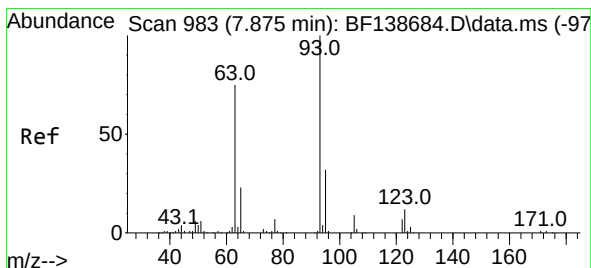
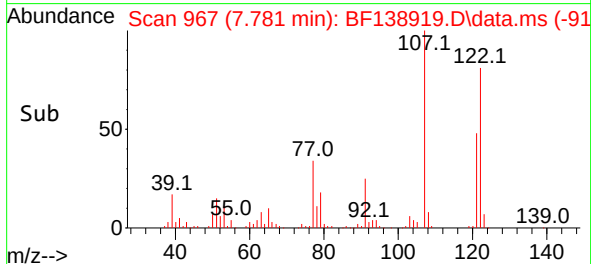
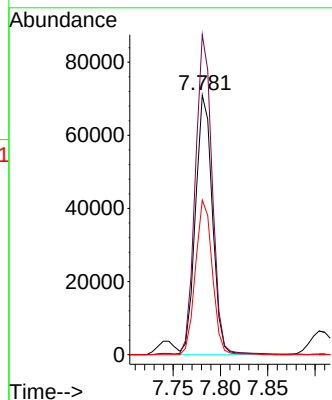
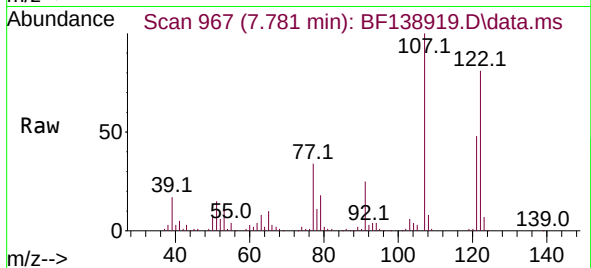




#27
2,4-Dimethylphenol
Concen: 58.455 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

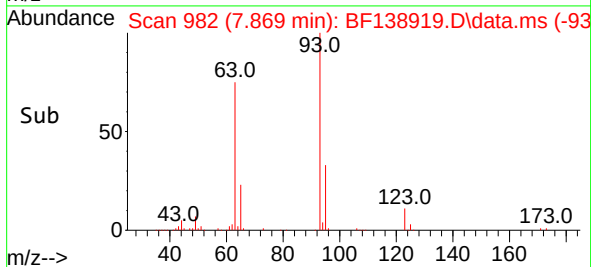
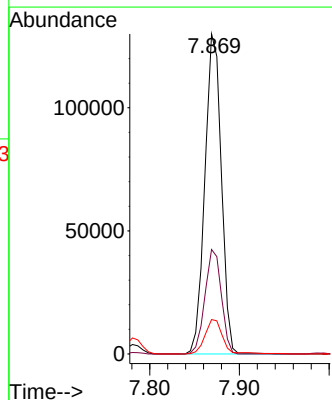
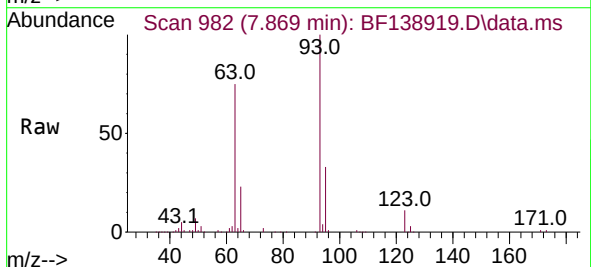
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

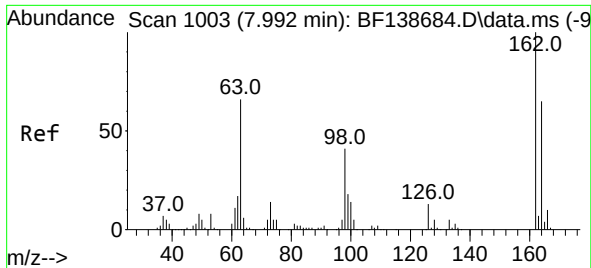
Tgt Ion:122 Resp: 88442
Ion Ratio Lower Upper
122 100
107 123.3 95.0 142.6
121 59.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 55.243 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion: 93 Resp: 165927
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 56.914 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

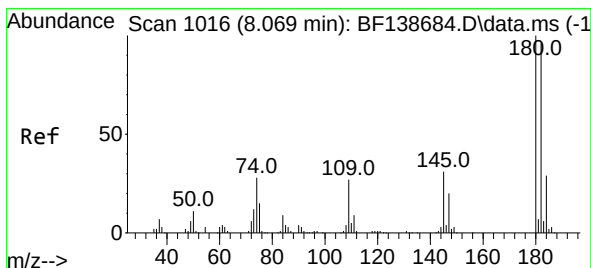
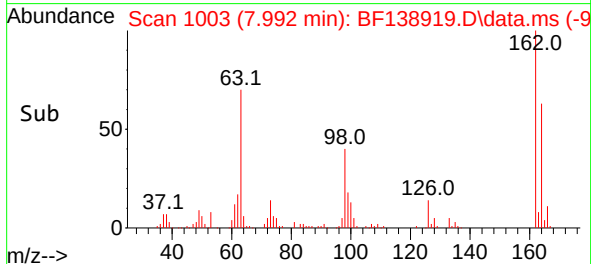
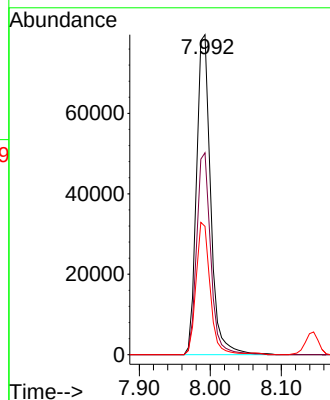
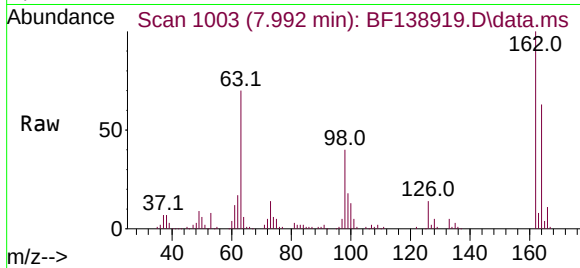
Tgt Ion:162 Resp: 110652

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 40.1 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 52.413 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

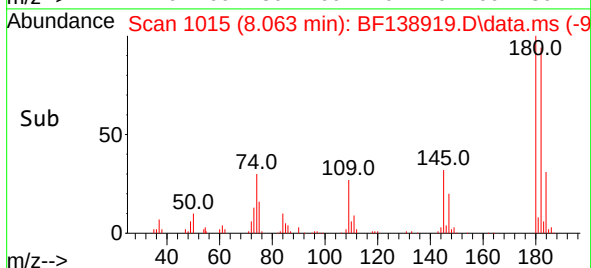
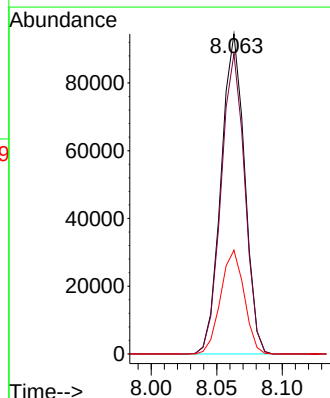
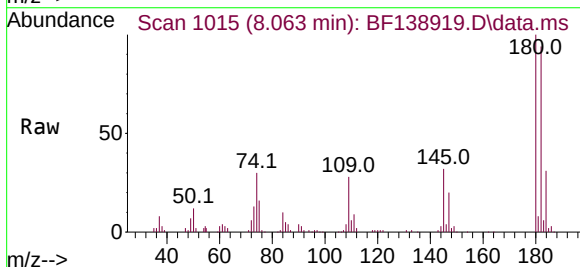
Tgt Ion:180 Resp: 117596

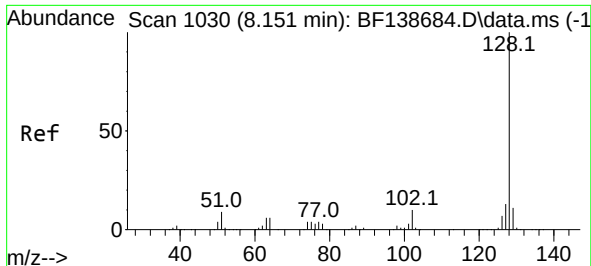
Ion Ratio Lower Upper

180 100

182 93.9 76.9 115.3

145 32.4 25.0 37.4

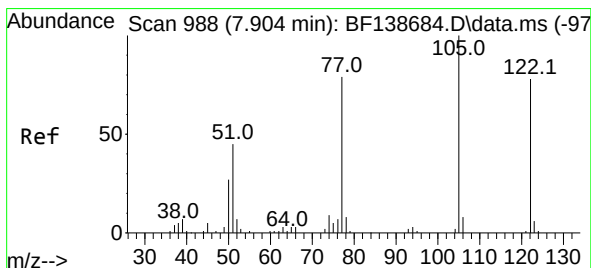
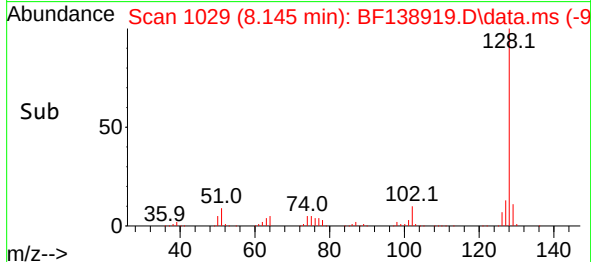
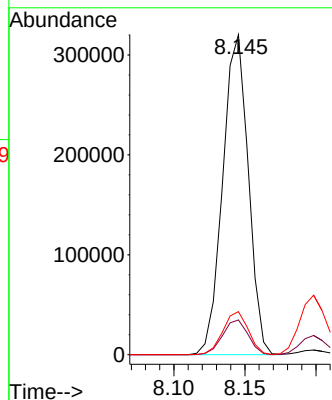
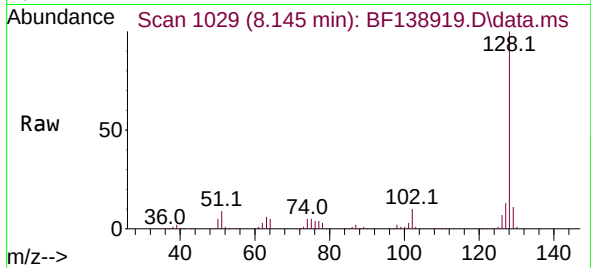




#31
Naphthalene
Concen: 53.947 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

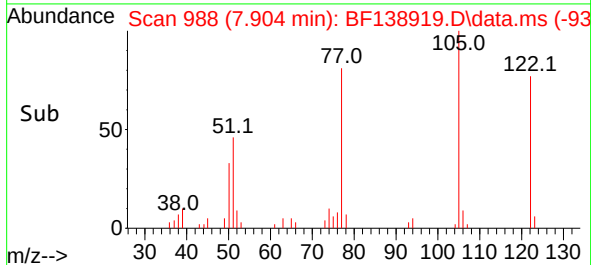
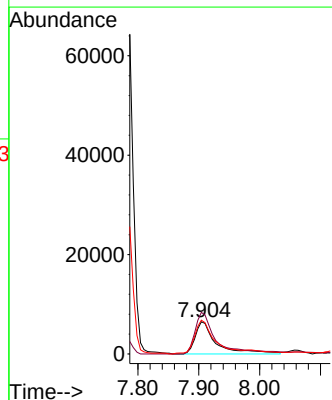
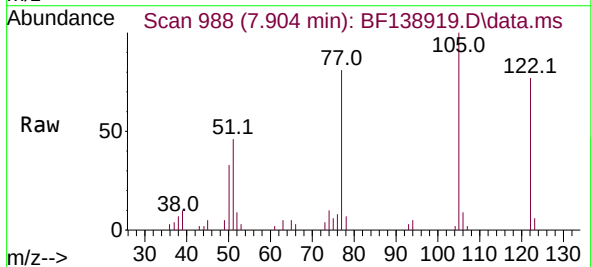
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

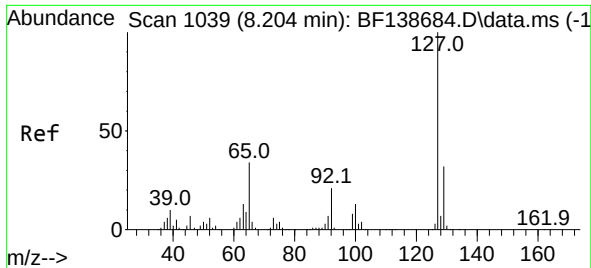
Tgt Ion:128 Resp: 401018
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 13.031 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:122 Resp: 15498
Ion Ratio Lower Upper
122 100
105 129.3 106.7 146.7
77 104.9 81.1 121.1

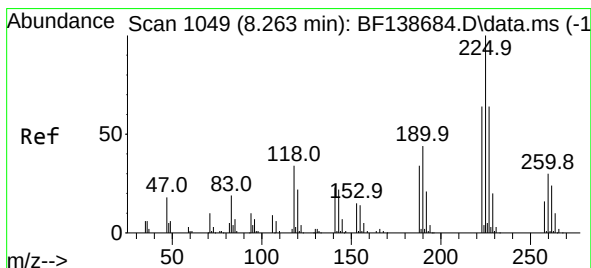
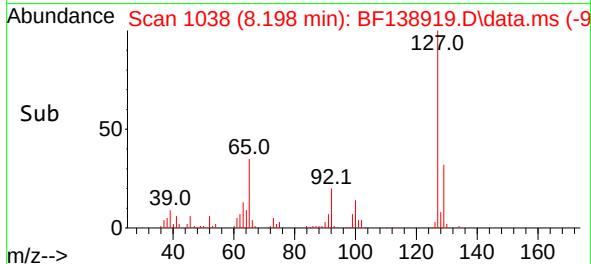
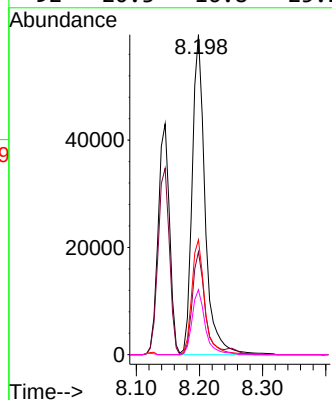
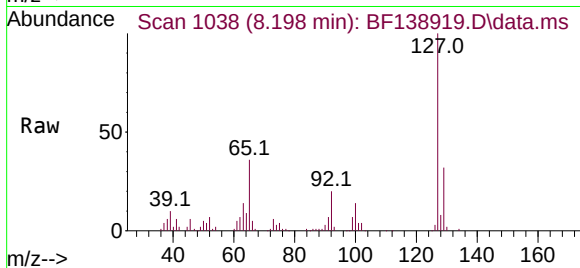




#33
4-Chloroaniline
Concen: 34.034 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

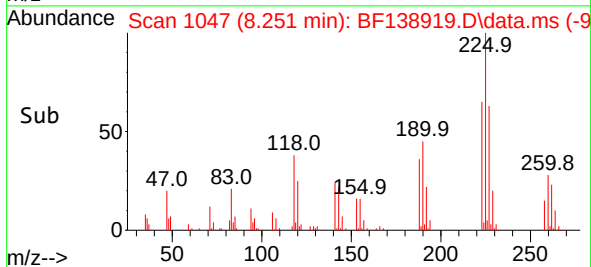
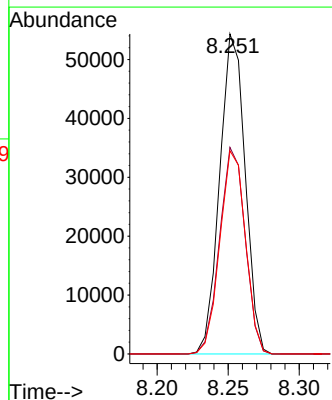
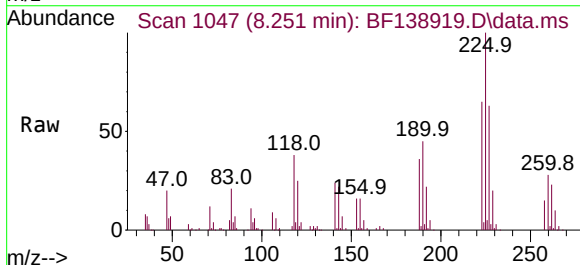
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

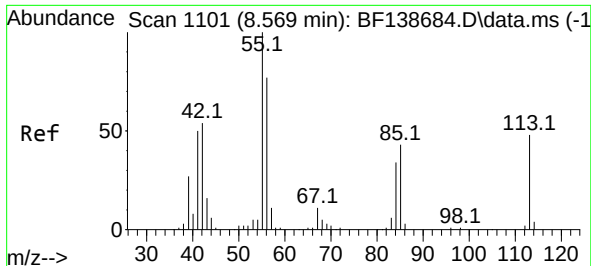
Tgt Ion:	127	Resp:	84924
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	35.9	27.6	41.4
92	20.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 49.844 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:	225	Resp:	67737
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.2	76.8
227	63.5	51.1	76.7

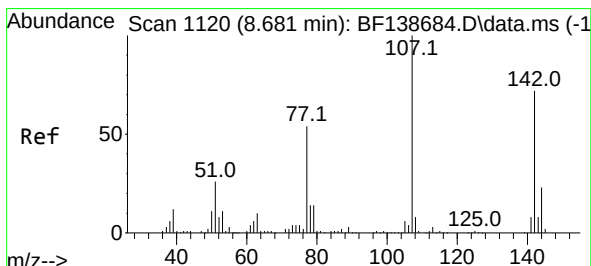
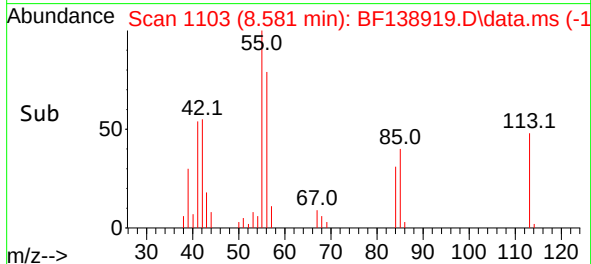
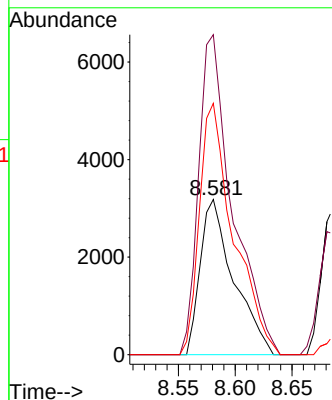
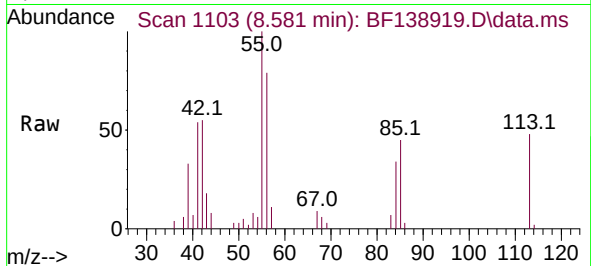




#35
 Caprolactam
 Concen: 11.232 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: BF138919.D
 Acq: 10 Aug 2024 19:54

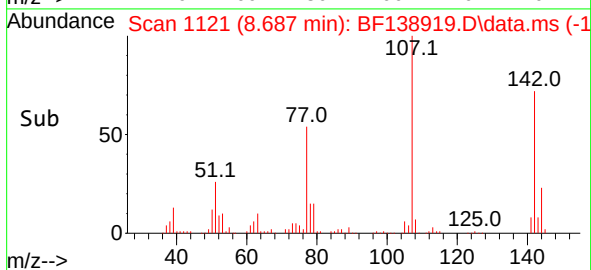
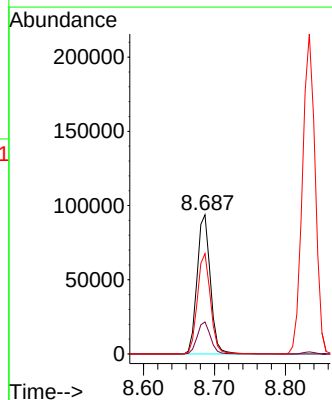
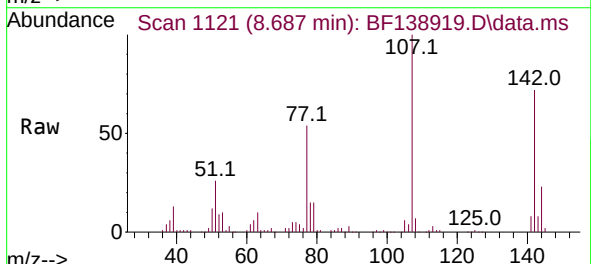
Instrument :
 BNA_F
 ClientSampleId :
 924-K1-WP0-0.25-080224MSD

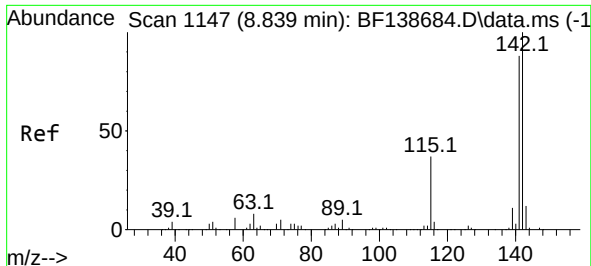
Tgt Ion:113 Resp: 6516
 Ion Ratio Lower Upper
 113 100
 55 206.3 186.7 226.7
 56 162.0 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 55.092 ng
 RT: 8.687 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF138919.D
 Acq: 10 Aug 2024 19:54

Tgt Ion:107 Resp: 122411
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.2 27.2
 142 72.1 57.4 86.2





#37

2-Methylnaphthalene

Concen: 56.864 ng

RT: 8.834 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

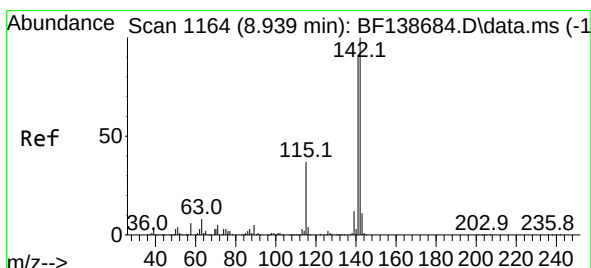
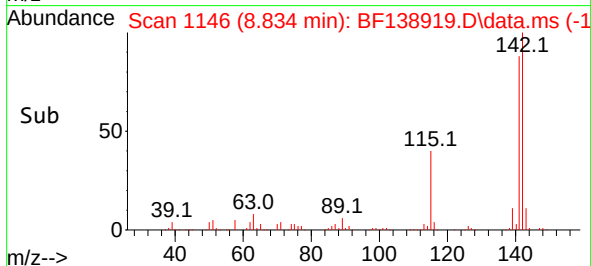
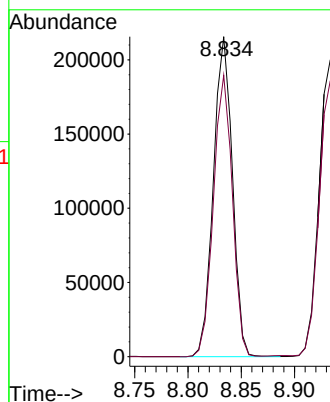
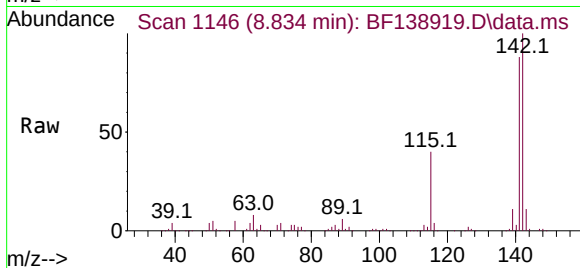
924-K1-WP0-0.25-080224MSD

Tgt Ion:142 Resp: 266959

Ion Ratio Lower Upper

142 100

141 87.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 53.872 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138919.D

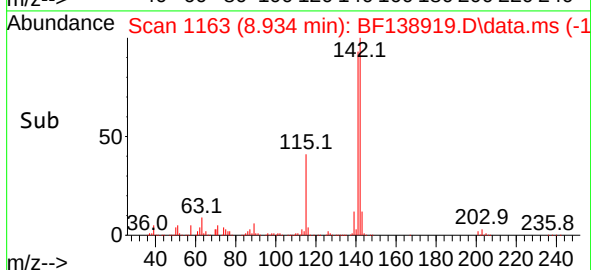
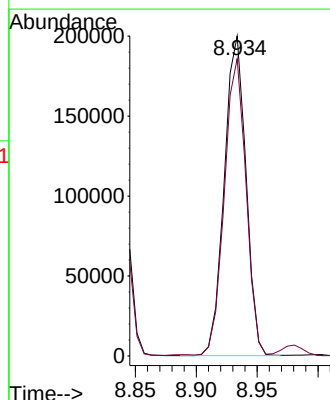
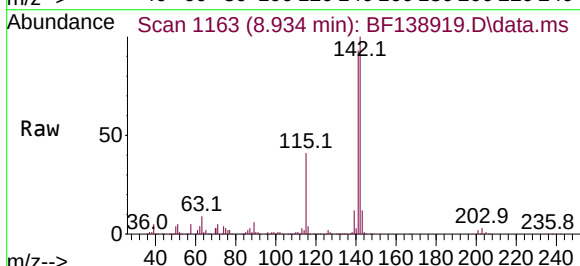
Acq: 10 Aug 2024 19:54

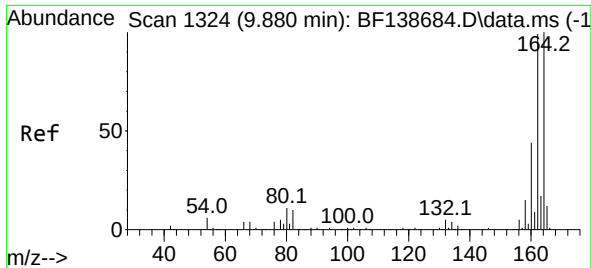
Tgt Ion:142 Resp: 247829

Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7

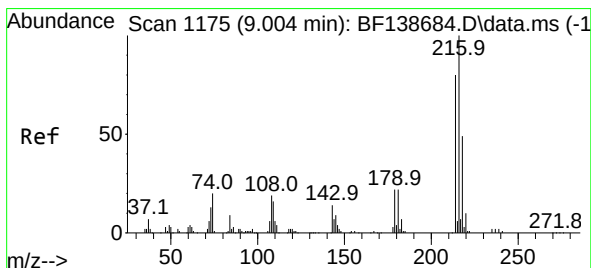
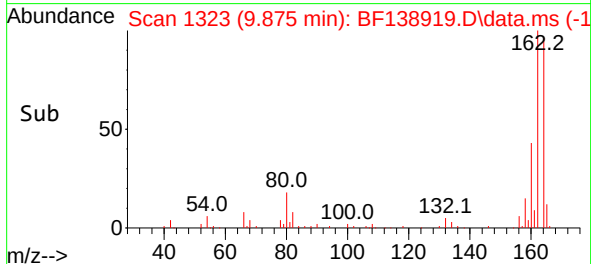
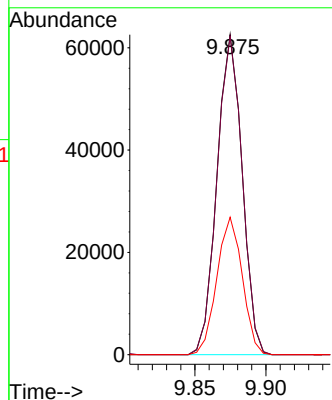
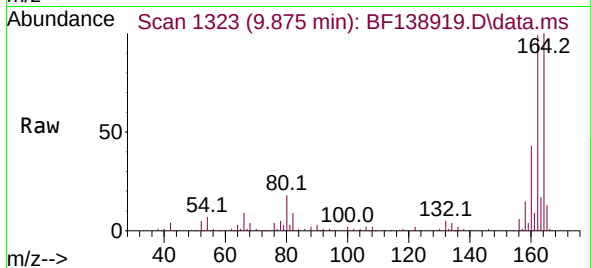




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

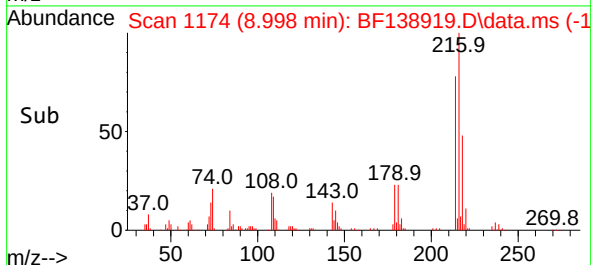
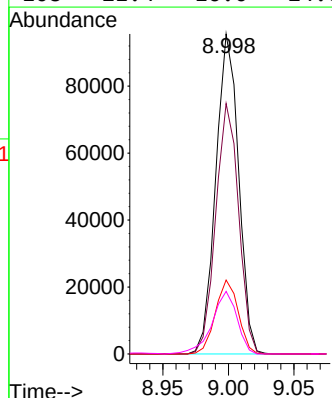
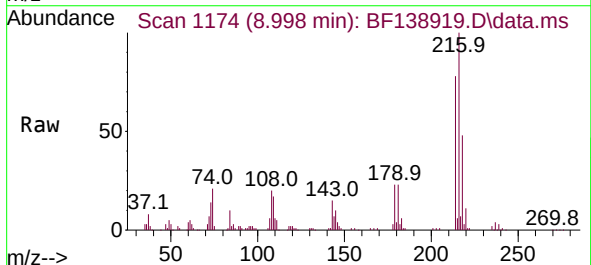
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

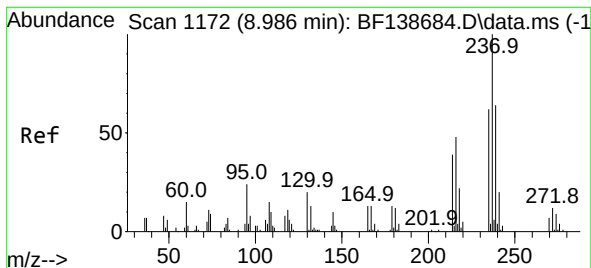
Tgt Ion:164 Resp: 77035
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 42.9 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.970 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:216 Resp: 115492
Ion Ratio Lower Upper
216 100
214 78.3 63.9 95.9
179 23.1 17.8 26.6
108 21.4 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 111.872 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.005 min

Lab File: BF138919.D

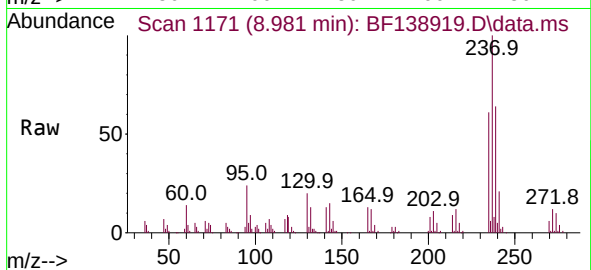
Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

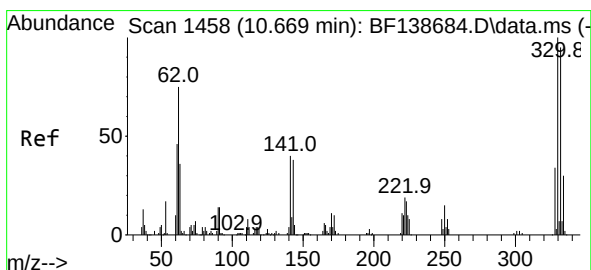
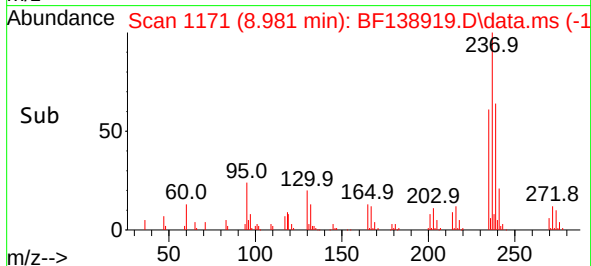
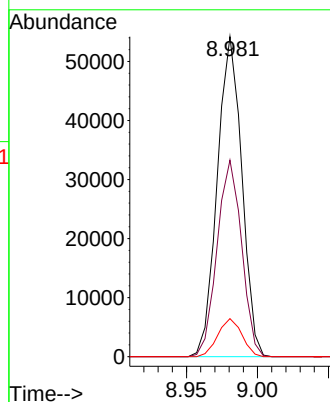
ClientSampleId :

924-K1-WP0-0.25-080224MSD



Tgt Ion:237 Resp: 65087

Ion	Ratio	Lower	Upper
237	100		
235	61.4	41.8	81.8
272	11.9	0.0	32.2



#42

2,4,6-Tribromophenol

Concen: 155.550 ng

RT: 10.669 min Scan# 1458

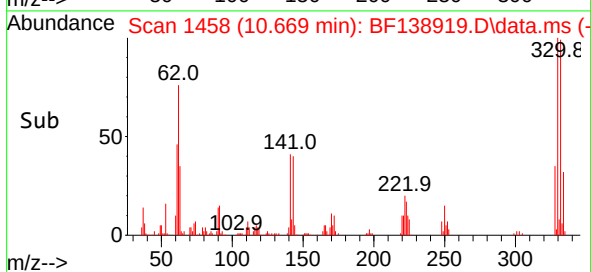
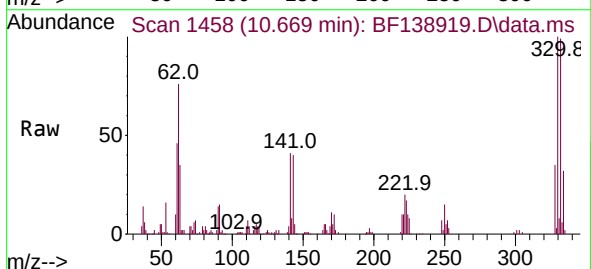
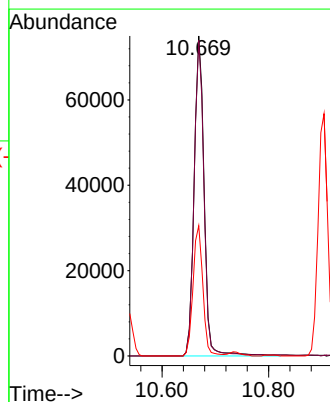
Delta R.T. 0.000 min

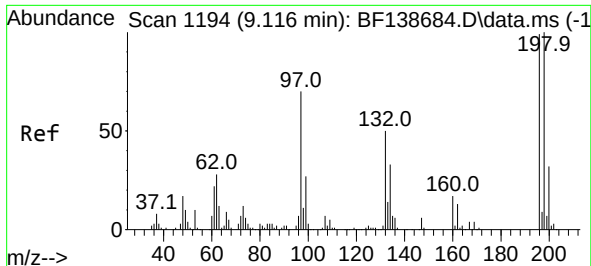
Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Tgt Ion:330 Resp: 98155

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.4	114.6
141	40.0	31.1	46.7

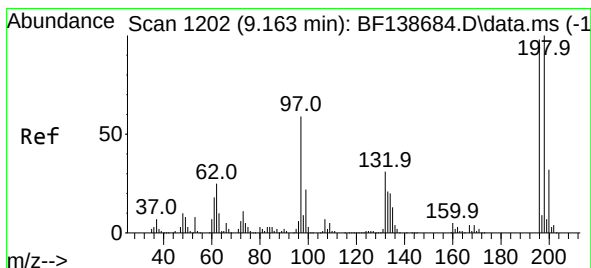
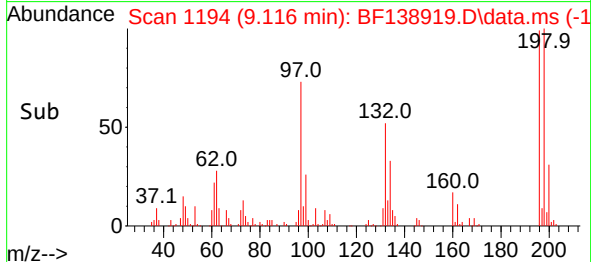
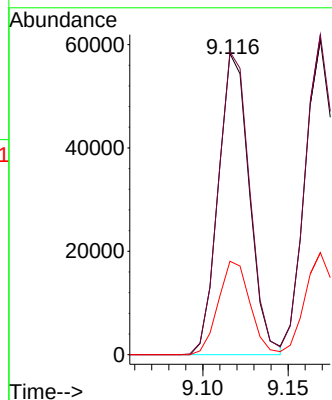
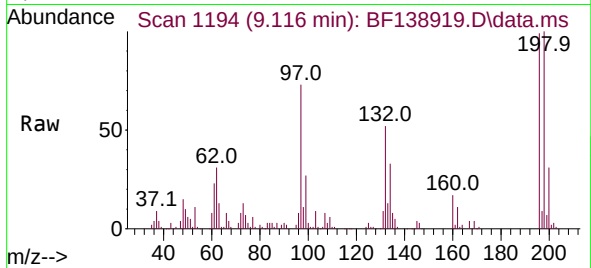




#43
2,4,6-Trichlorophenol
Concen: 56.624 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

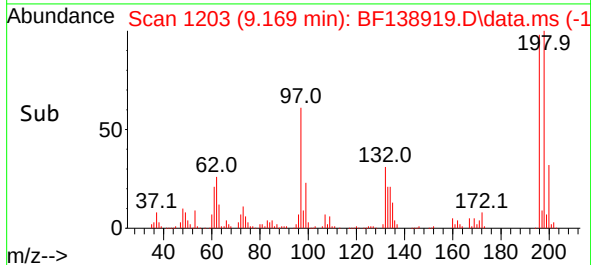
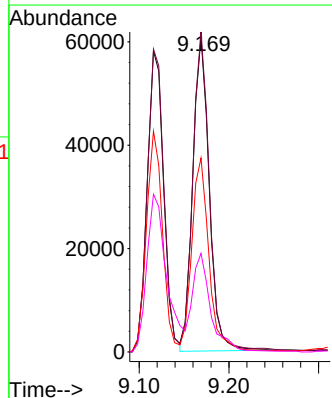
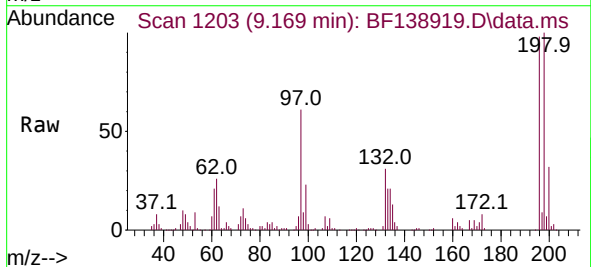
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

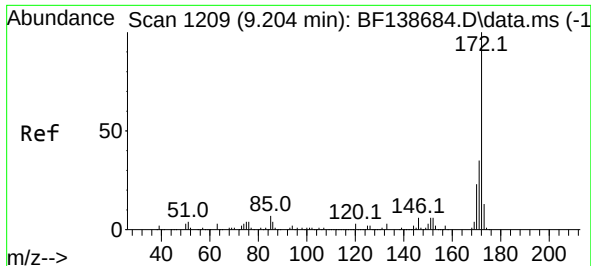
Tgt Ion:196 Resp: 73880
Ion Ratio Lower Upper
196 100
198 100.6 80.5 120.7
200 31.0 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 54.192 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:196 Resp: 77298
Ion Ratio Lower Upper
196 100
198 101.6 81.2 121.8
97 61.5 47.8 71.6
132 31.3 25.3 37.9

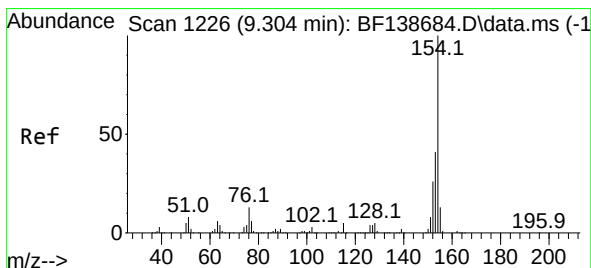
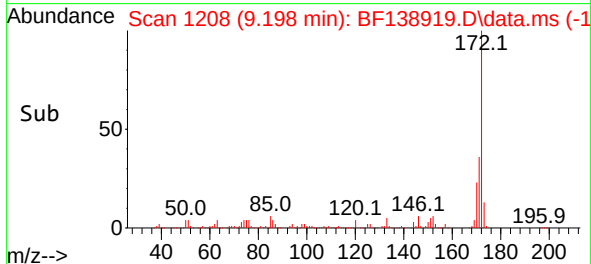
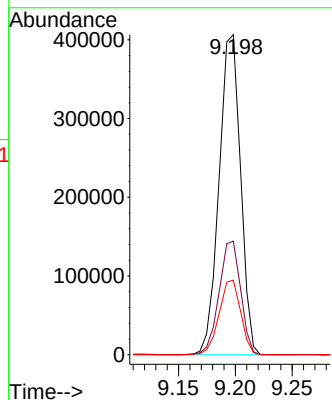
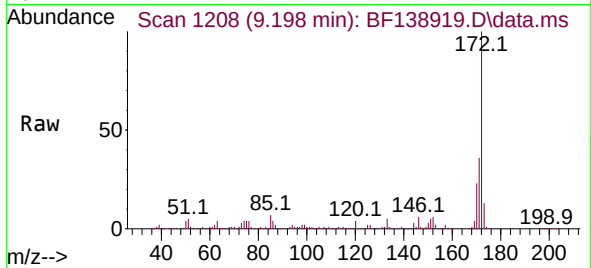




#45
2-Fluorobiphenyl
Concen: 104.461 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

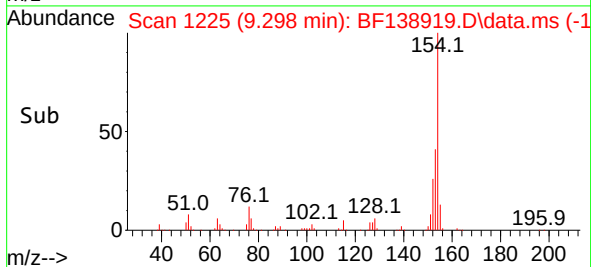
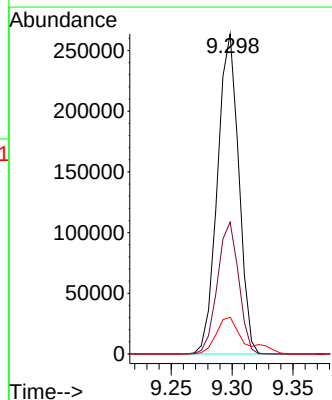
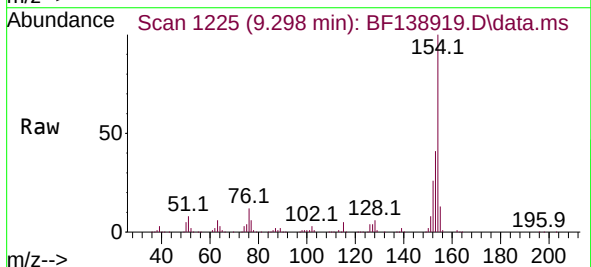
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

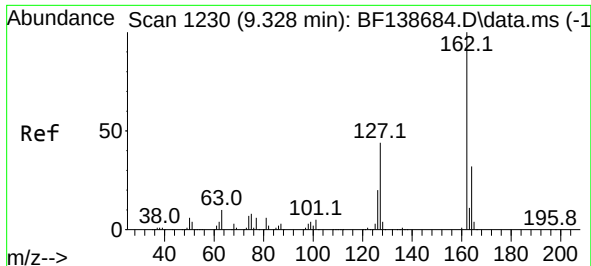
Tgt Ion:172 Resp: 535583
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 53.172 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:154 Resp: 320798
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 11.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 56.305 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

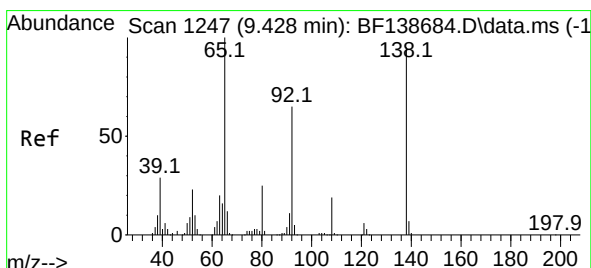
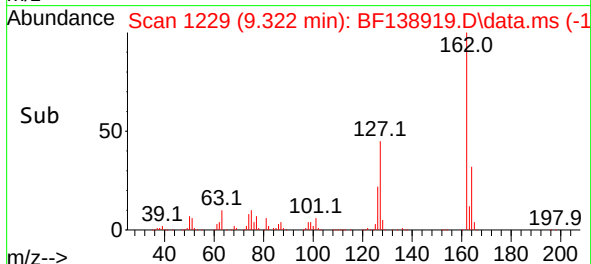
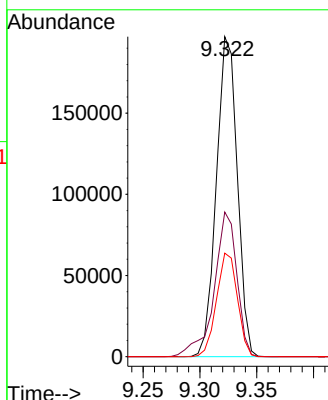
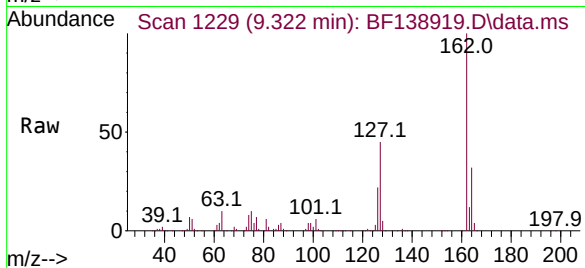
Tgt Ion:162 Resp: 252650

Ion Ratio Lower Upper

162 100

127 45.2 35.4 53.2

164 32.4 25.6 38.4



#48

2-Nitroaniline

Concen: 61.309 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

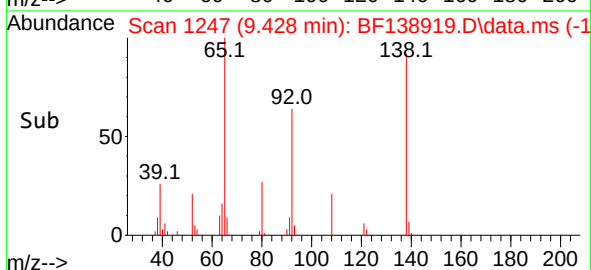
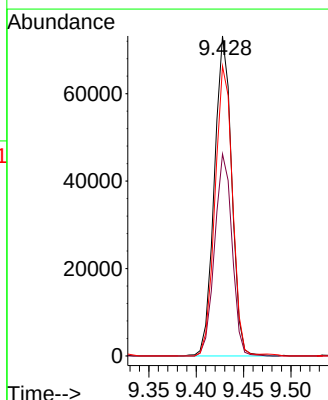
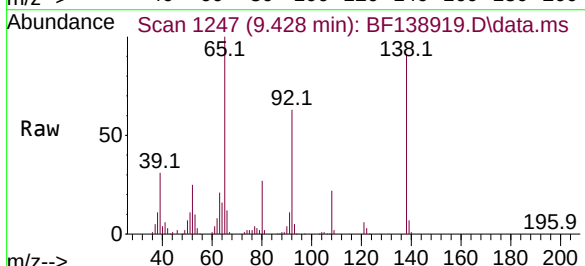
Tgt Ion: 65 Resp: 93263

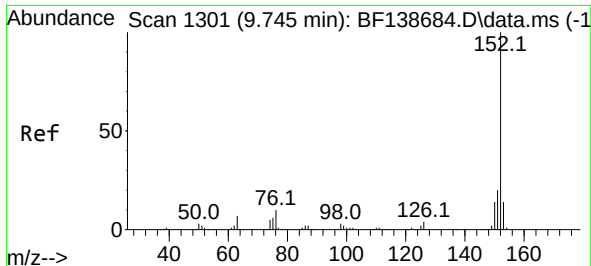
Ion Ratio Lower Upper

65 100

92 63.1 52.0 78.0

138 90.5 76.2 114.4





#49

Acenaphthylene

Concen: 61.898 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138919.D

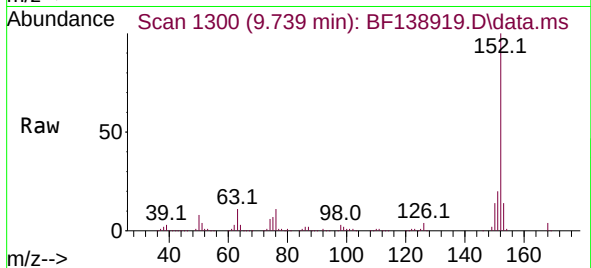
Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD



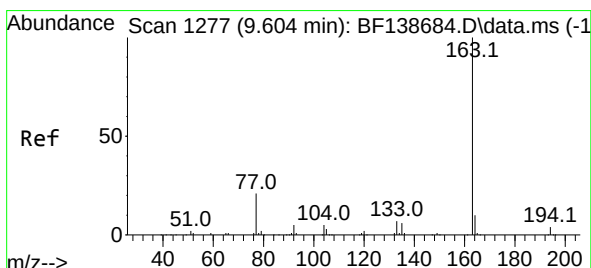
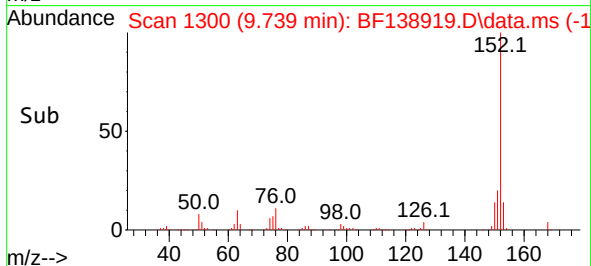
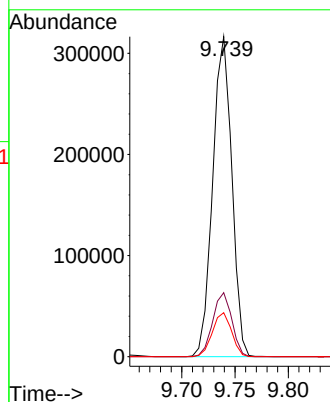
Tgt Ion:152 Resp: 393926

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 60.569 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

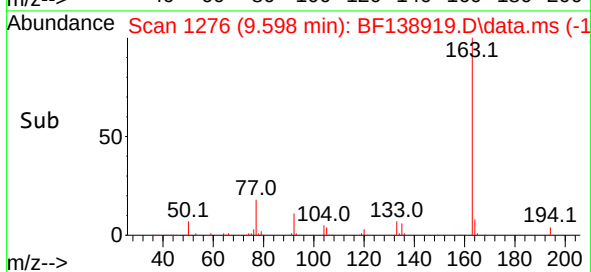
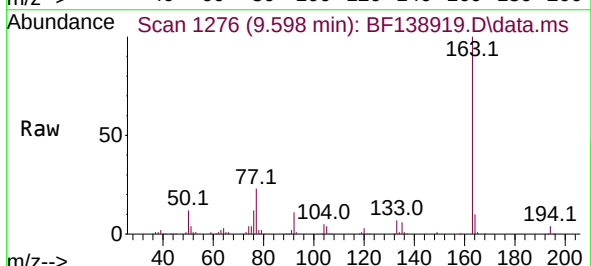
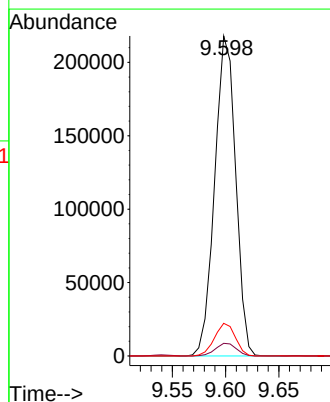
Tgt Ion:163 Resp: 298344

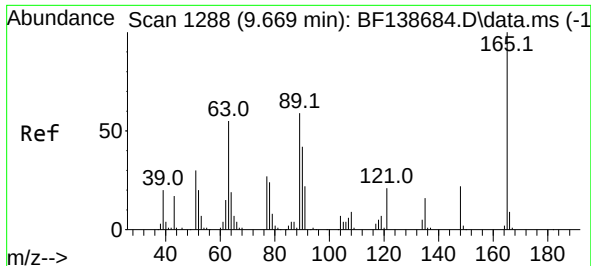
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 7.8 11.8

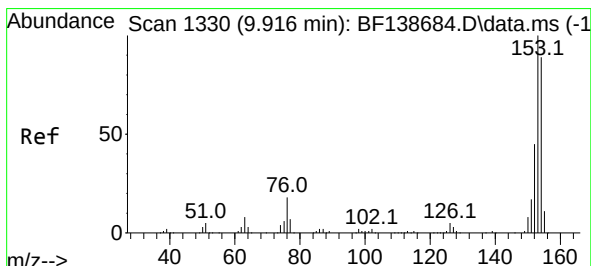
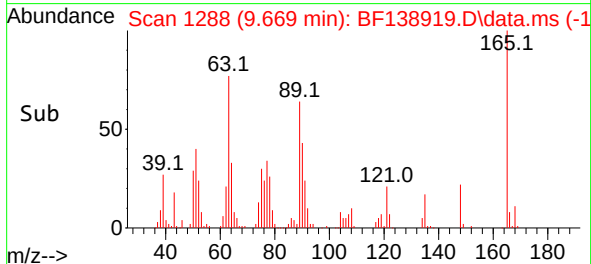
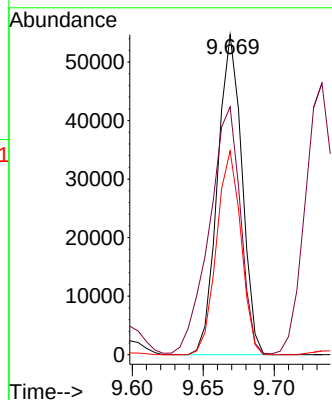
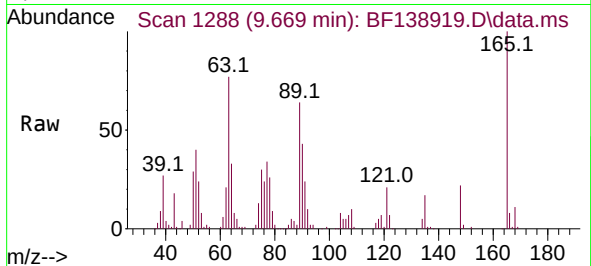




#51
2,6-Dinitrotoluene
Concen: 58.640 ng
RT: 9.669 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

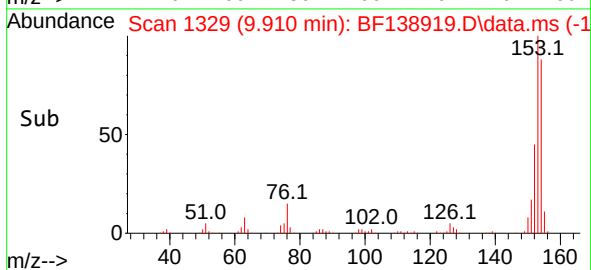
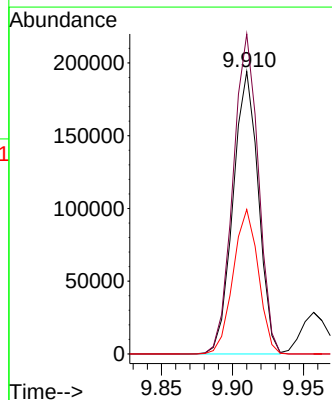
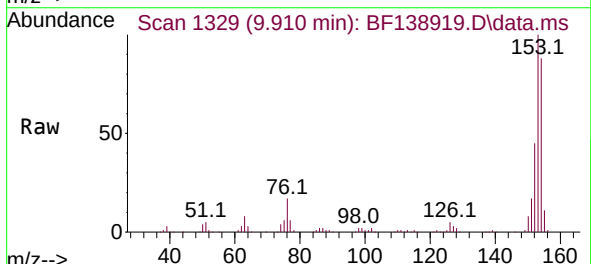
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

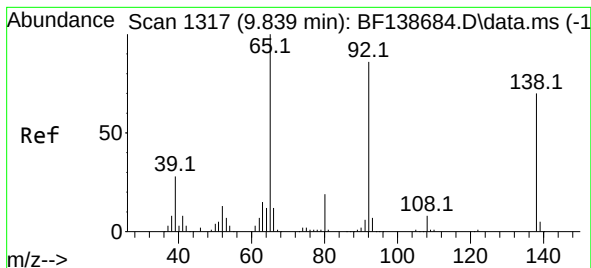
Tgt Ion:165 Resp: 65187
Ion Ratio Lower Upper
165 100
63 77.5 52.0 78.0
89 63.7 47.0 70.6



#52
Acenaphthene
Concen: 56.108 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:154 Resp: 240033
Ion Ratio Lower Upper
154 100
153 113.3 89.9 134.9
152 51.1 40.6 60.8





#53

3-Nitroaniline

Concen: 39.344 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

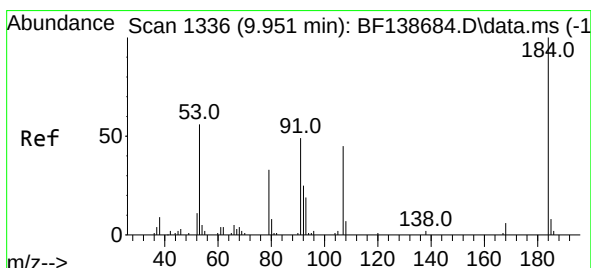
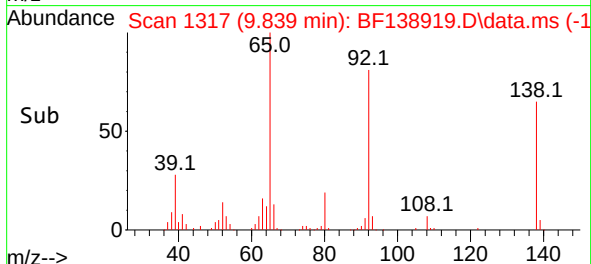
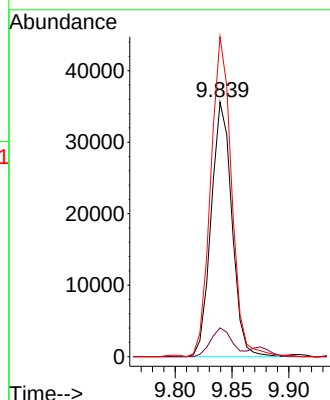
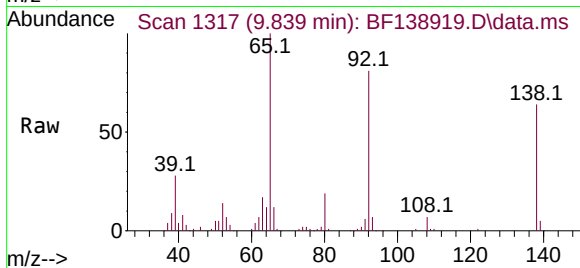
Tgt Ion:138 Resp: 45214

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

92 125.7 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 107.968 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

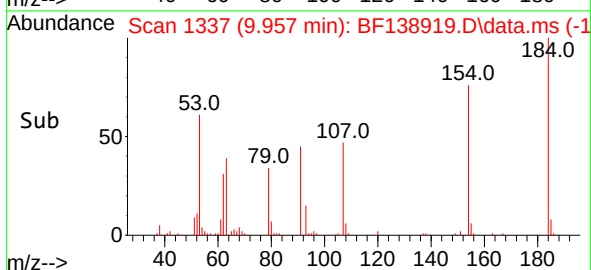
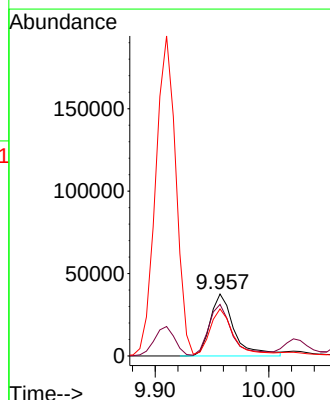
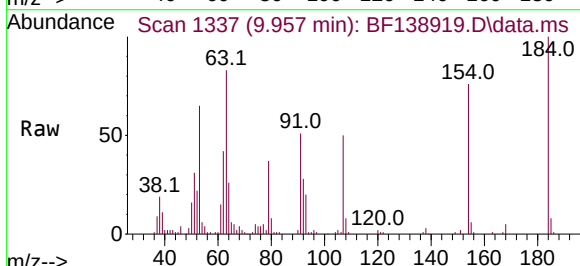
Tgt Ion:184 Resp: 55250

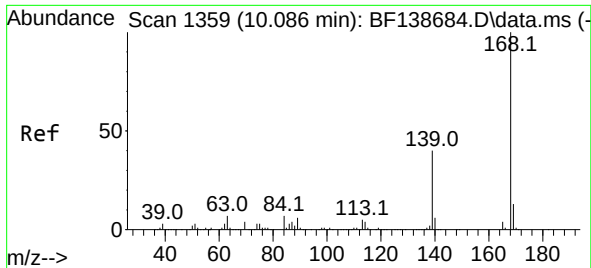
Ion Ratio Lower Upper

184 100

63 83.1 57.5 86.3

154 75.9 51.7 77.5

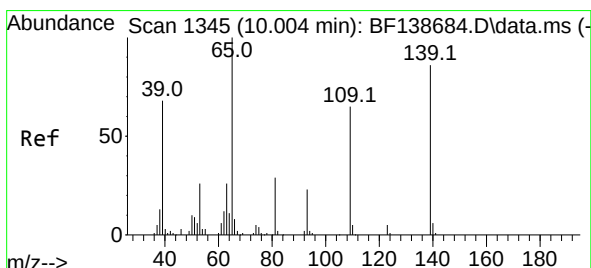
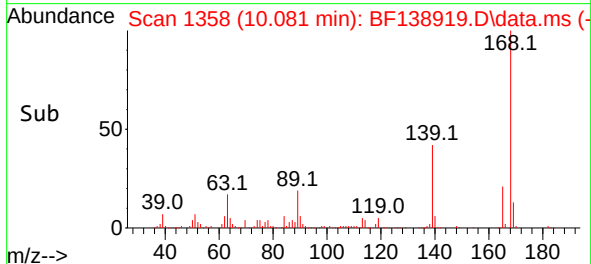
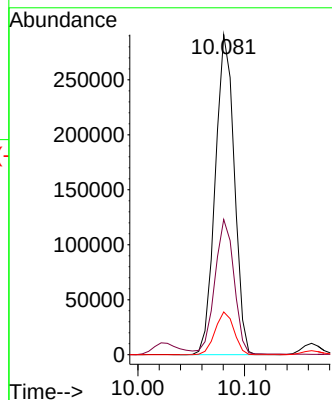
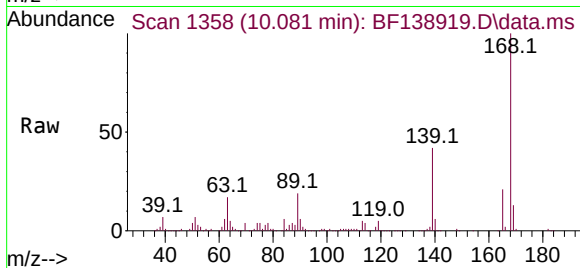




#55
Dibenzenofuran
Concen: 59.678 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

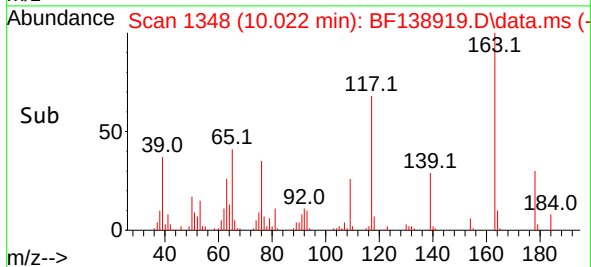
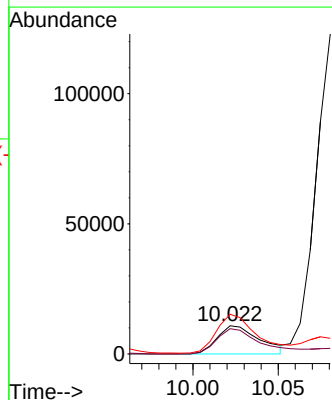
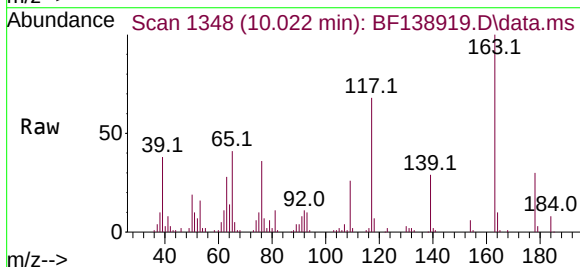
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

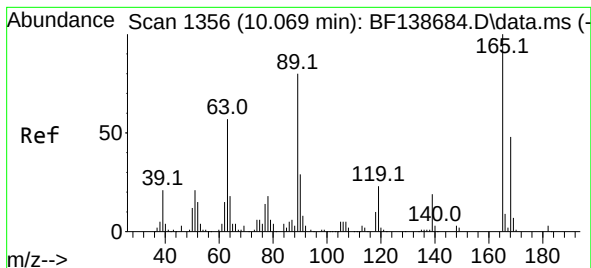
Tgt Ion:168 Resp: 360390
Ion Ratio Lower Upper
168 100
139 42.2 32.6 49.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 26.938 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:139 Resp: 18616
Ion Ratio Lower Upper
139 100
109 90.0 55.5 95.5
65 140.9 96.7 136.7#

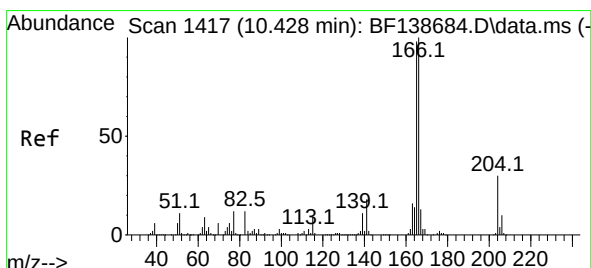
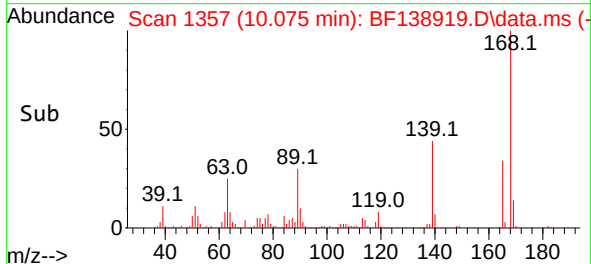
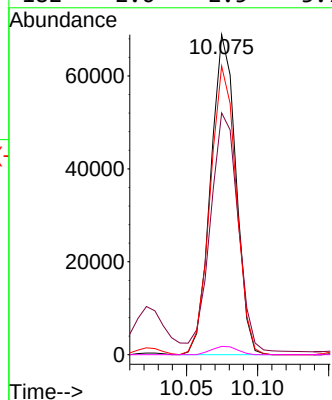
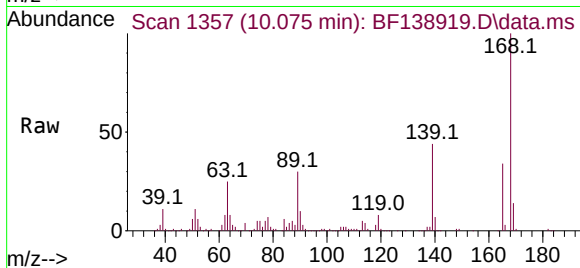




#57
2,4-Dinitrotoluene
Concen: 59.846 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

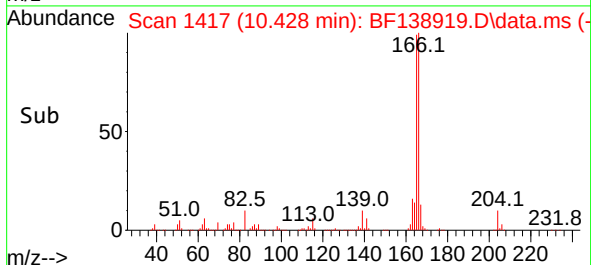
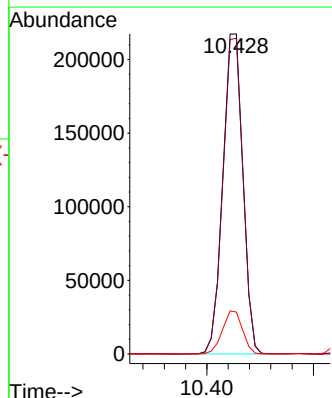
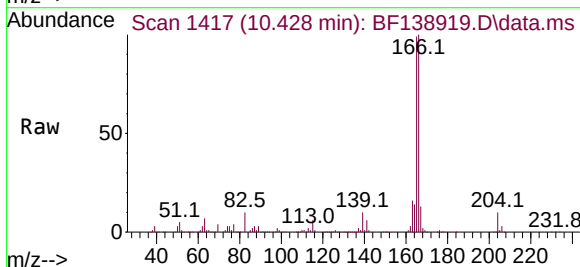
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

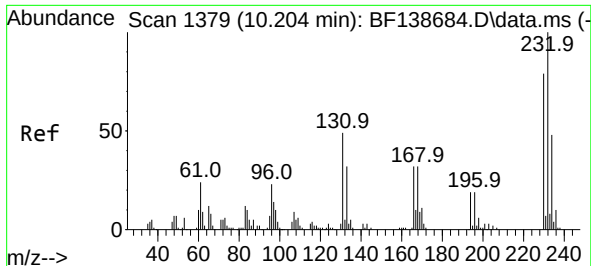
Tgt Ion:165 Resp: 84878
Ion Ratio Lower Upper
165 100
63 75.5 46.3 69.5#
89 90.2 64.2 96.4
182 2.6 2.5 3.7



#58
Fluorene
Concen: 58.986 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:166 Resp: 283666
Ion Ratio Lower Upper
166 100
165 98.6 78.4 117.6
167 13.1 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.705 ng

RT: 10.204 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

Tgt Ion:232 Resp: 59655

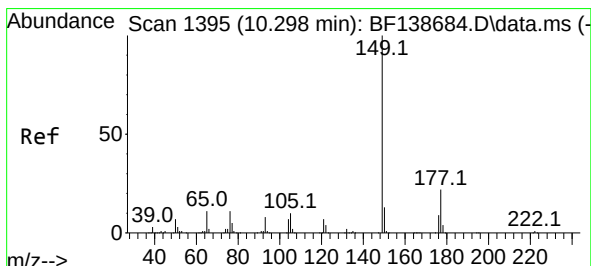
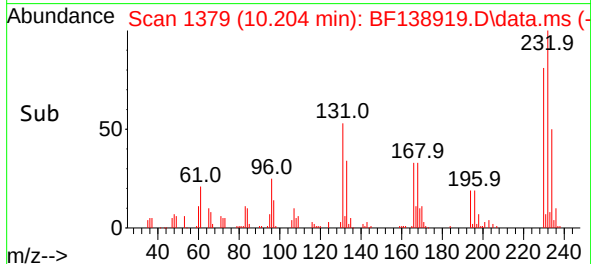
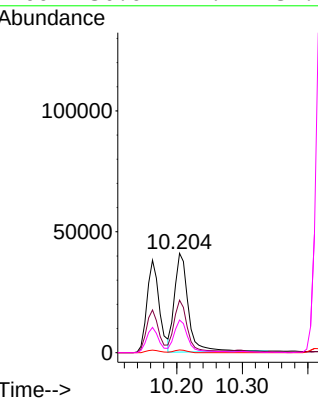
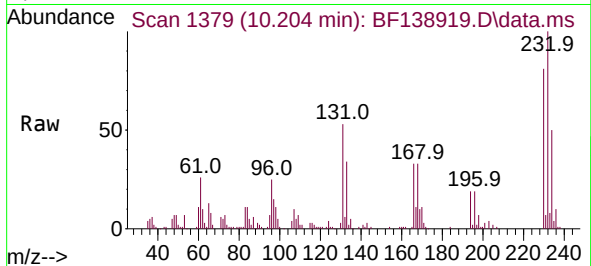
Ion Ratio Lower Upper

232 100

131 52.1 37.0 55.4

130 2.5 2.0 3.0

166 30.6 24.7 37.1



#60

Diethylphthalate

Concen: 60.541 ng

RT: 10.298 min Scan# 1395

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

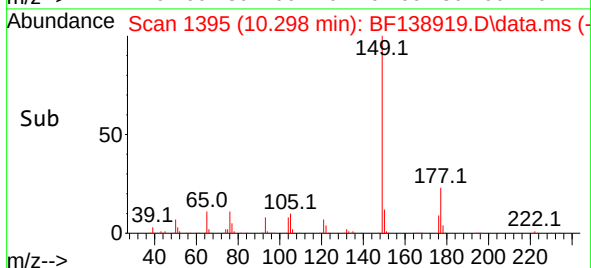
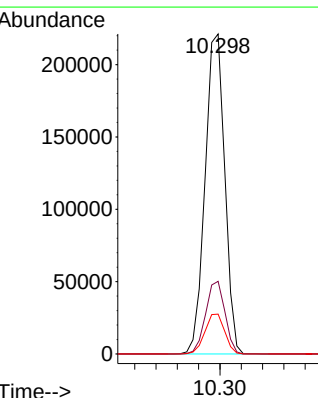
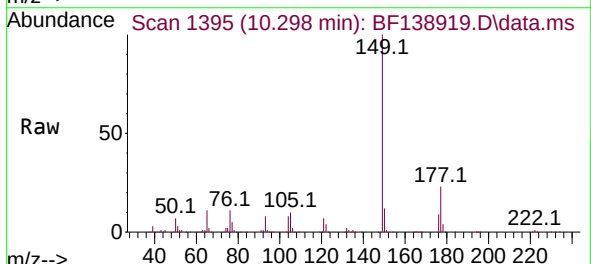
Tgt Ion:149 Resp: 282751

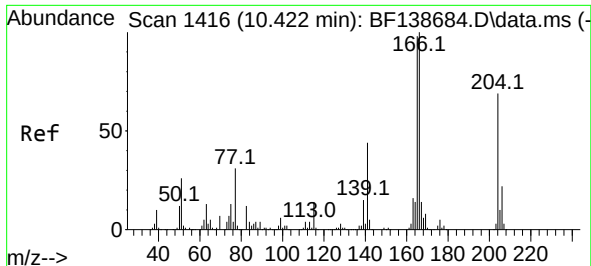
Ion Ratio Lower Upper

149 100

177 22.7 17.8 26.8

150 12.4 10.1 15.1

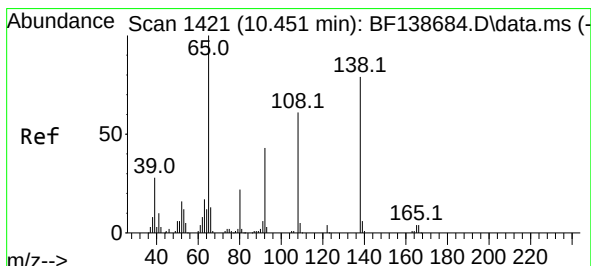
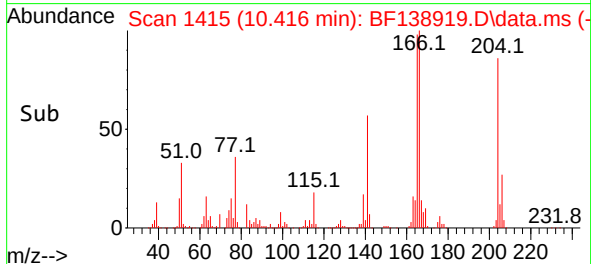
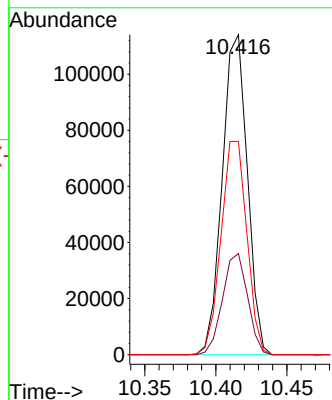
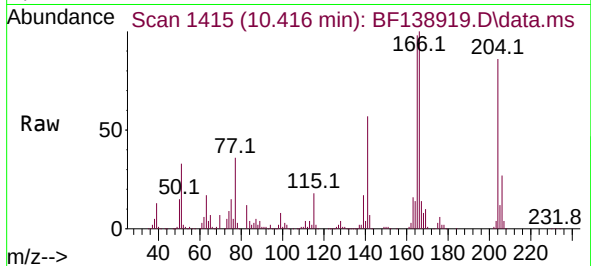




#61
4-Chlorophenyl-phenylether
Concen: 59.299 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

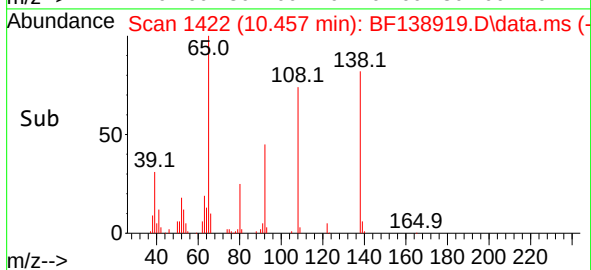
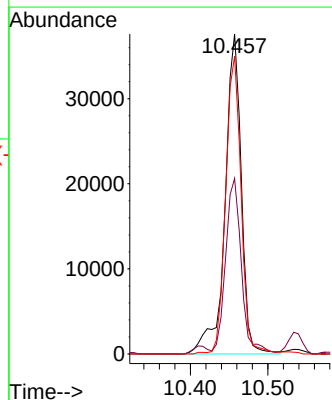
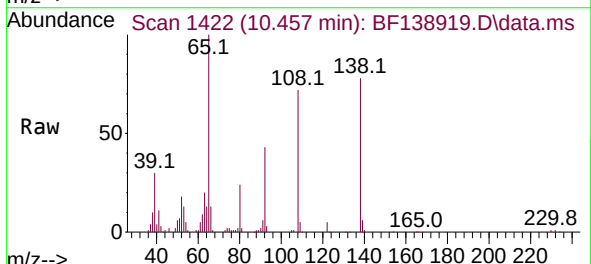
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

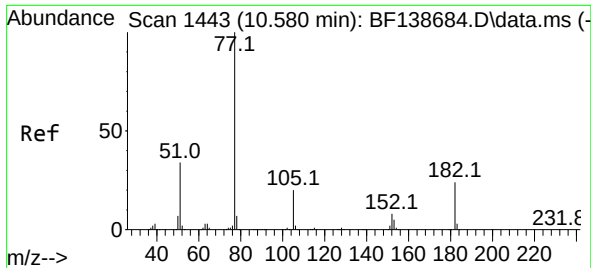
Tgt Ion:204 Resp: 140253
Ion Ratio Lower Upper
204 100
206 31.6 26.1 39.1
141 66.6 51.4 77.0



#62
4-Nitroaniline
Concen: 50.425 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:138 Resp: 55069
Ion Ratio Lower Upper
138 100
92 54.8 34.2 74.2
108 93.1 56.2 96.2

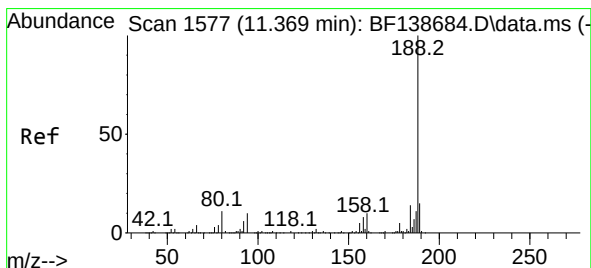
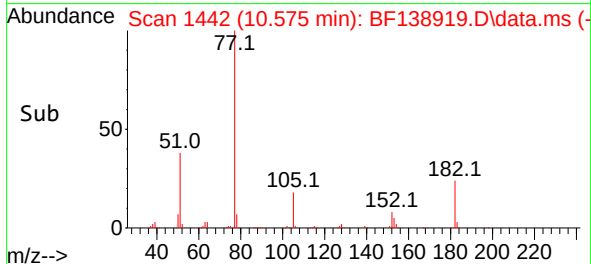
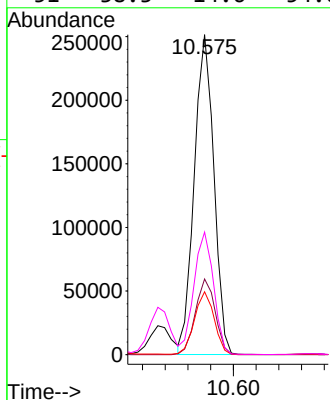
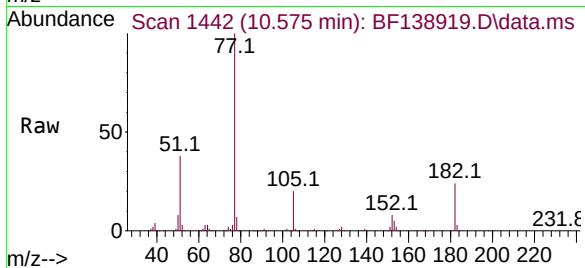




#63
Azobenzene
Concen: 58.230 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

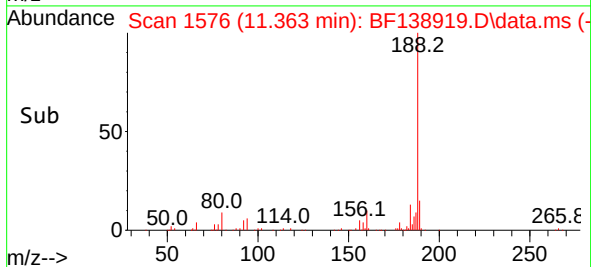
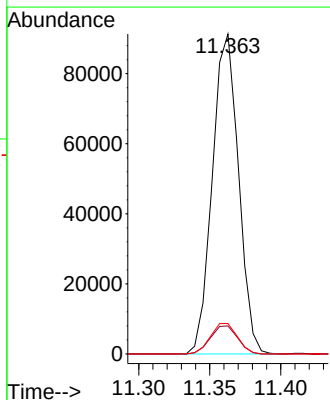
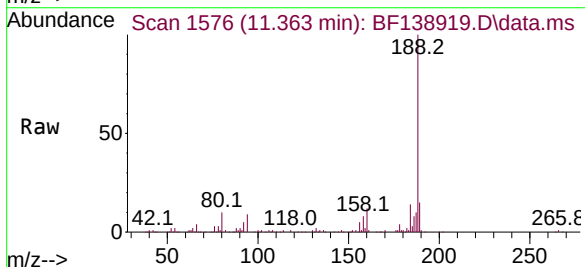
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

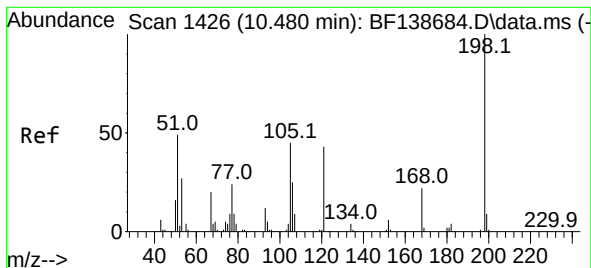
Tgt Ion:	77	Resp:	301627
Ion	Ratio	Lower	Upper
77	100		
182	23.6	3.4	43.4
105	19.6	0.2	40.2
51	38.3	14.6	54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:	188	Resp:	117000
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.6	11.4
80	9.5	8.6	12.8

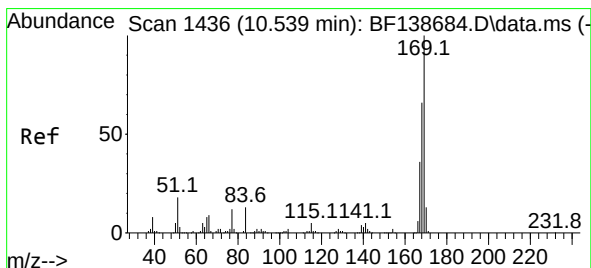
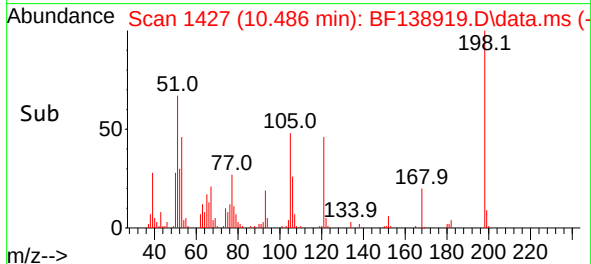
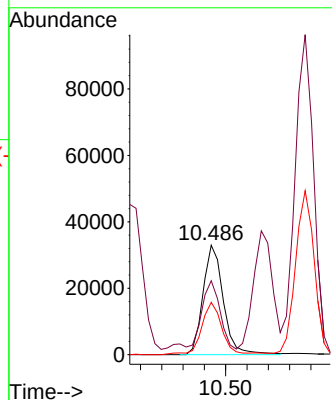
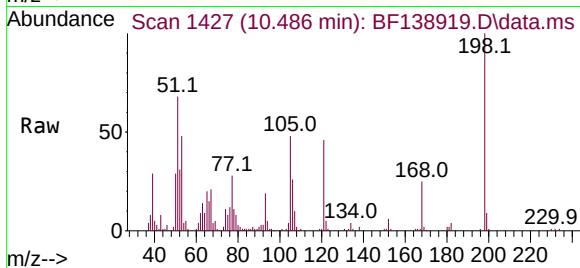




#65
4,6-Dinitro-2-methylphenol
Concen: 61.301 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

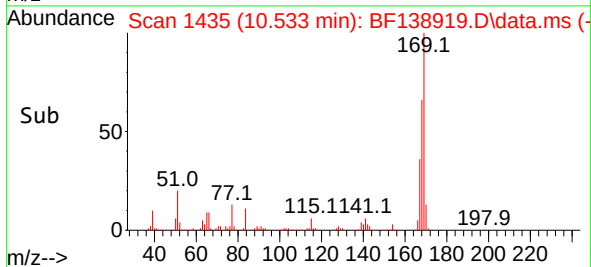
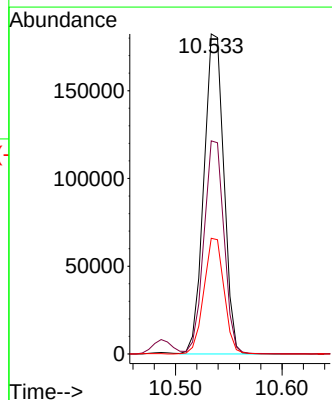
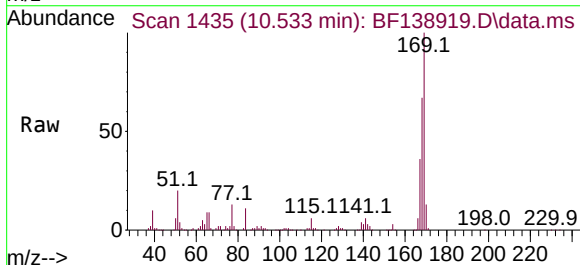
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

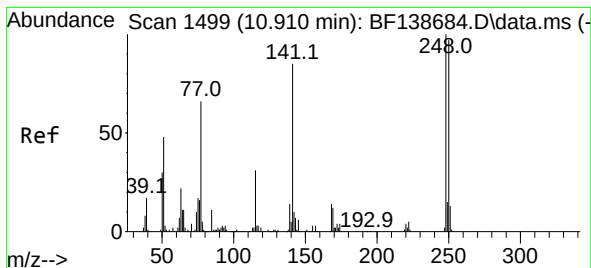
Tgt Ion:198 Resp: 43757
Ion Ratio Lower Upper
198 100
51 67.6 39.9 79.9
105 47.8 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 65.089 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:169 Resp: 238040
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.1 29.0 43.6

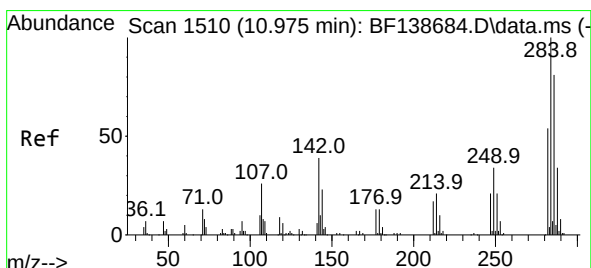
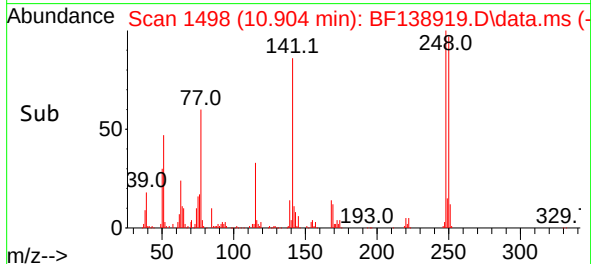
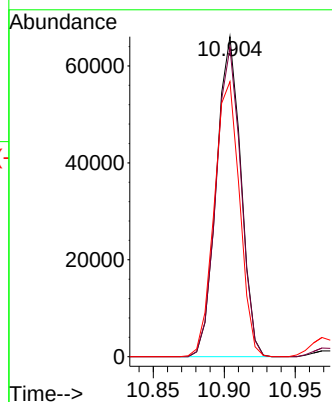
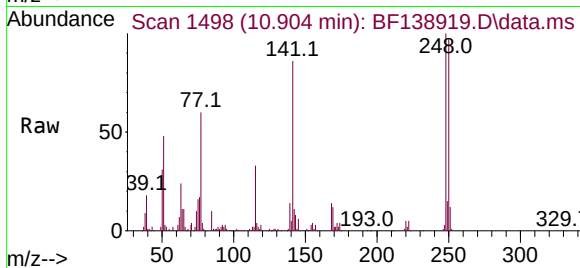




#67
4-Bromophenyl-phenylether
Concen: 62.355 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

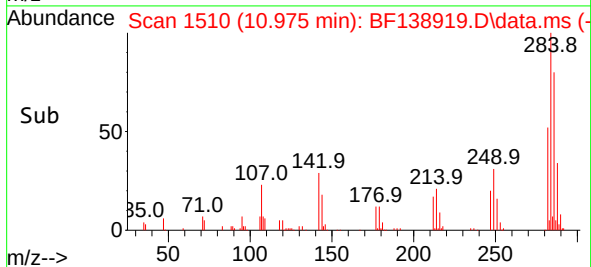
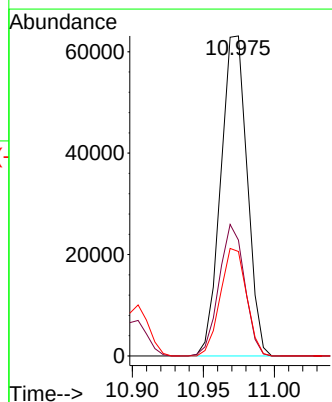
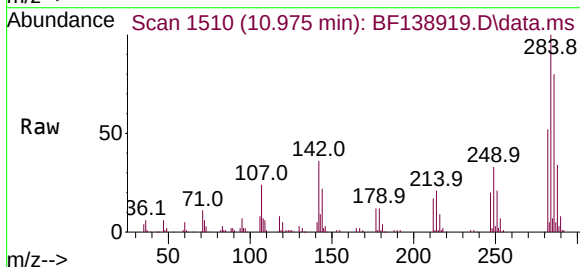
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

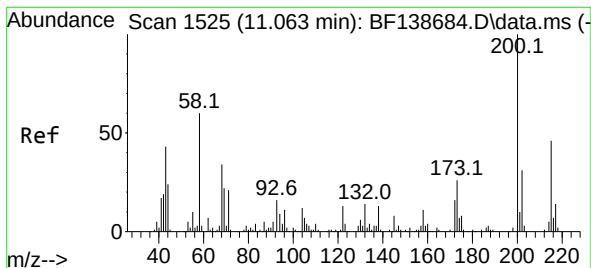
Tgt Ion:248 Resp: 78988
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 85.9 68.0 102.0



#68
Hexachlorobenzene
Concen: 62.527 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:284 Resp: 81780
Ion Ratio Lower Upper
284 100
142 36.2 31.3 46.9
249 32.7 27.2 40.8





#69

Atrazine

Concen: 65.360 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

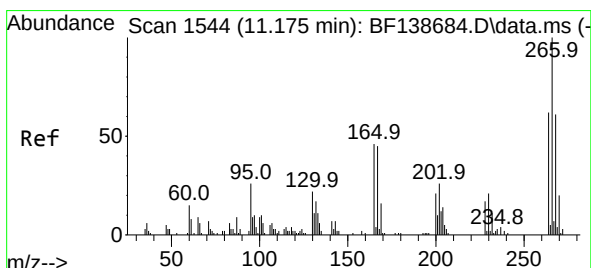
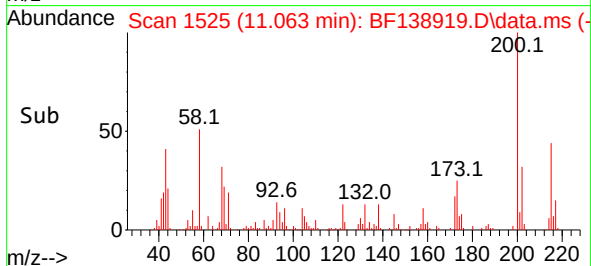
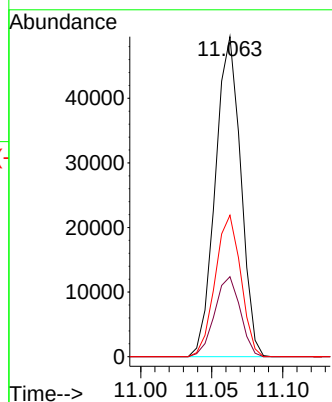
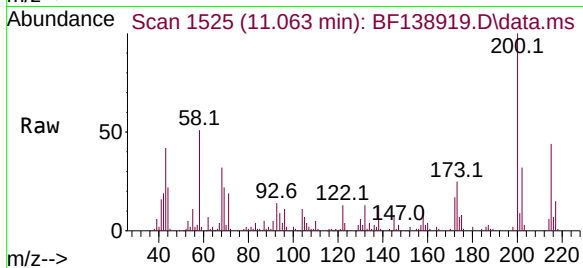
Tgt Ion:200 Resp: 61671

Ion Ratio Lower Upper

200 100

173 25.0 6.0 46.0

215 44.2 26.1 66.1



#70

Pentachlorophenol

Concen: 81.327 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

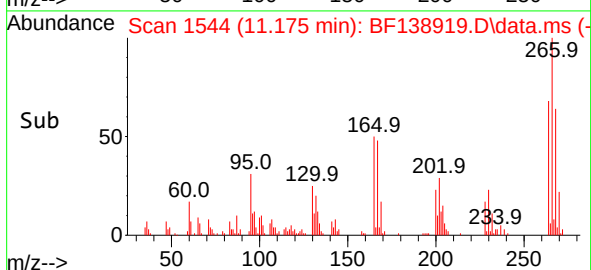
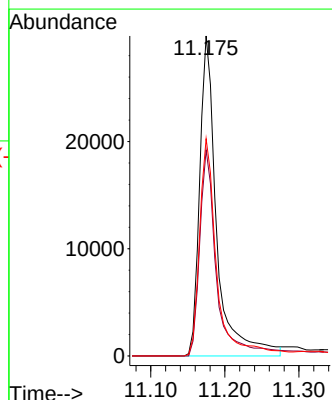
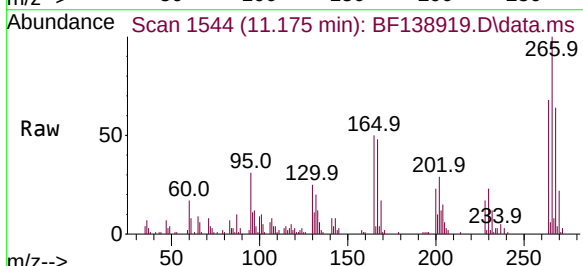
Tgt Ion:266 Resp: 47945

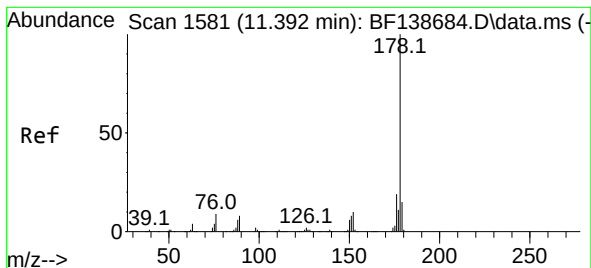
Ion Ratio Lower Upper

266 100

268 64.4 49.2 73.8

264 67.9 49.8 74.6





#71

Phenanthrene

Concen: 62.753 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

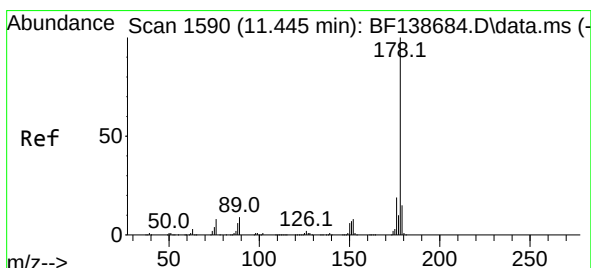
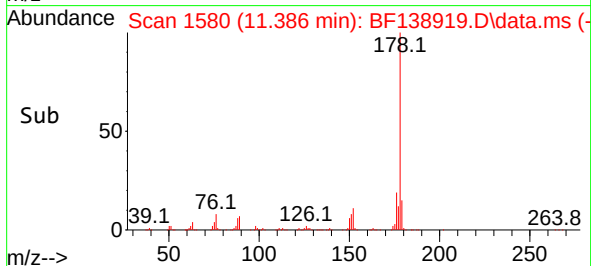
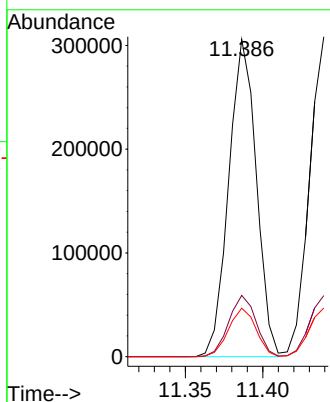
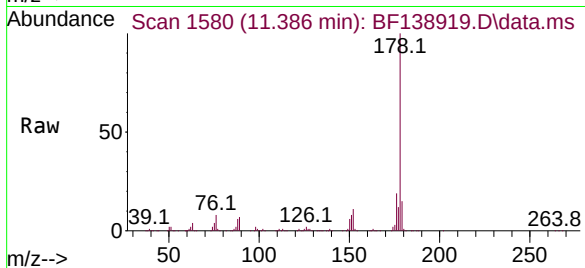
Tgt Ion:178 Resp: 378058

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.3 12.2 18.2



#72

Anthracene

Concen: 63.101 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

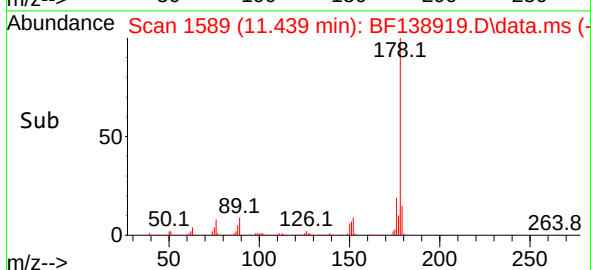
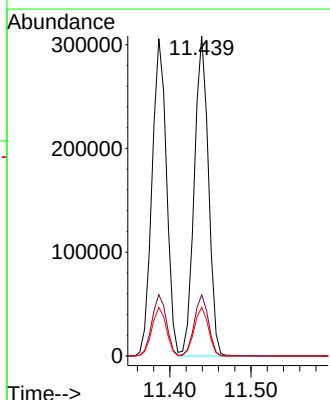
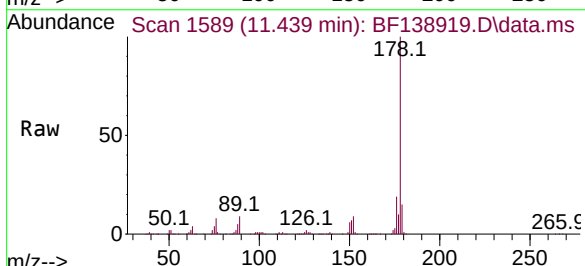
Tgt Ion:178 Resp: 374504

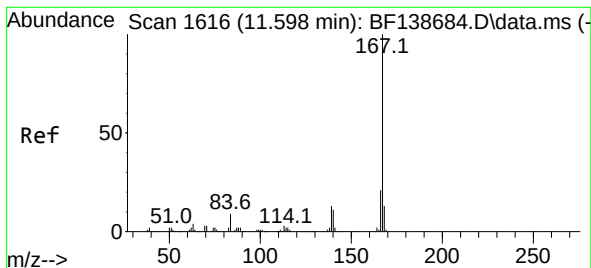
Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 15.2 12.4 18.6





#73

Carbazole

Concen: 56.370 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

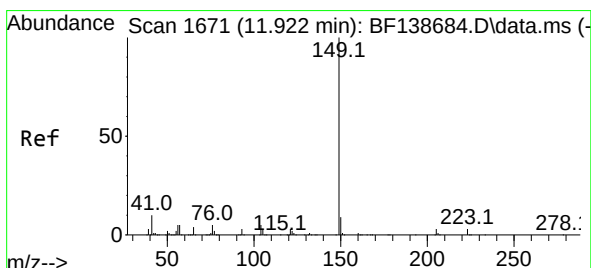
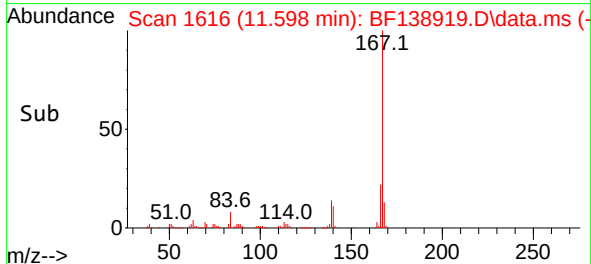
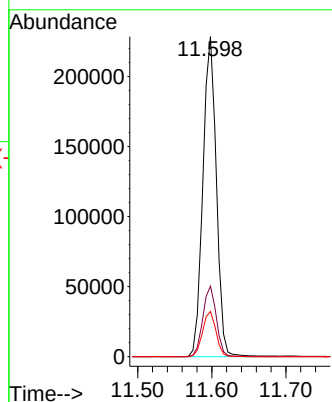
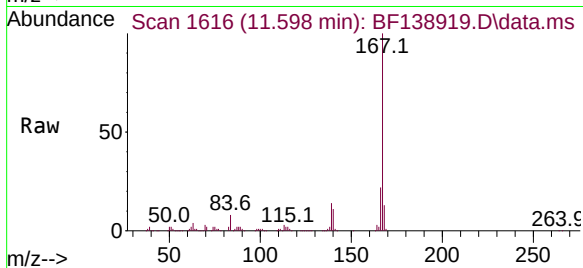
Tgt Ion:167 Resp: 288639

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

139 14.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 63.725 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

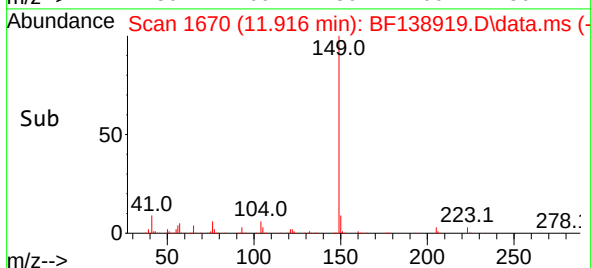
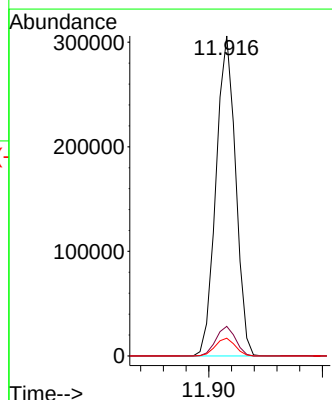
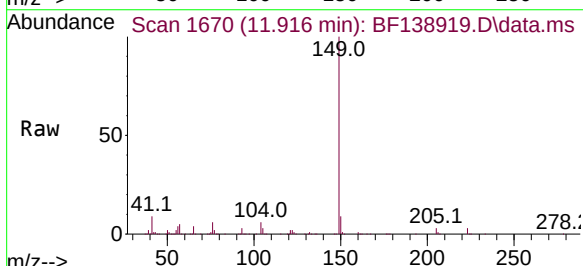
Tgt Ion:149 Resp: 366812

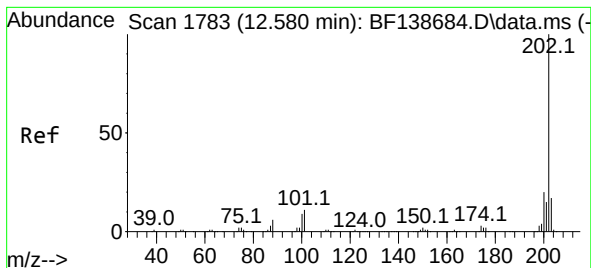
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 54.753 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

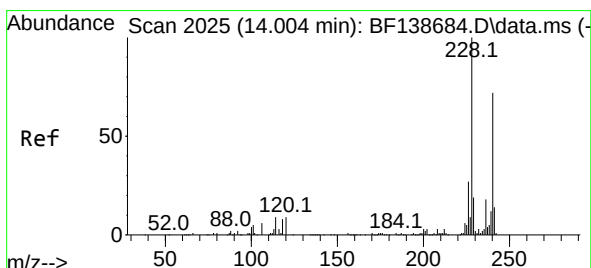
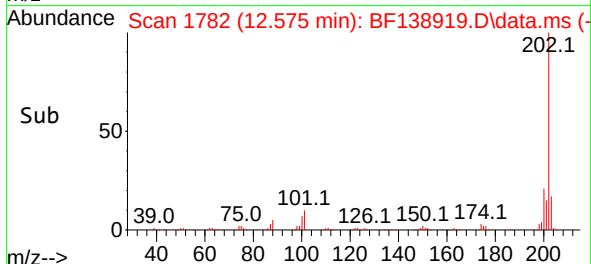
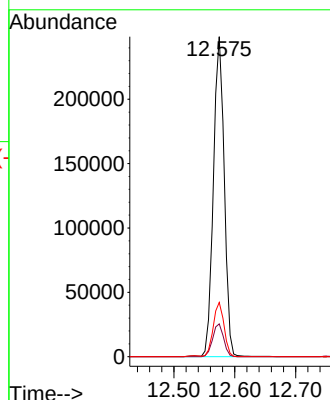
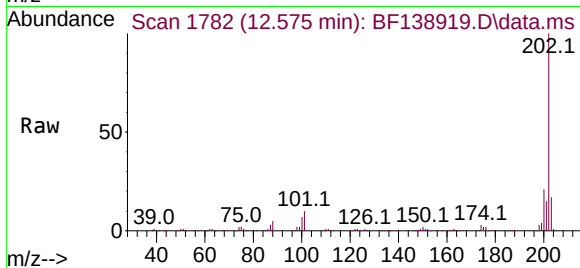
Tgt Ion:202 Resp: 307947

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.2

203 16.9 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

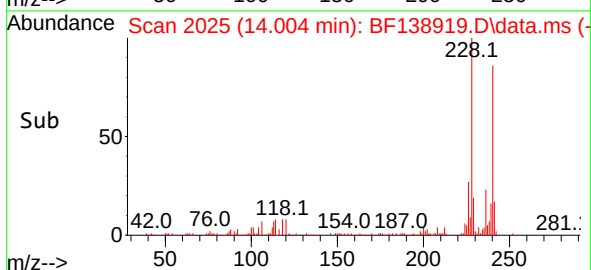
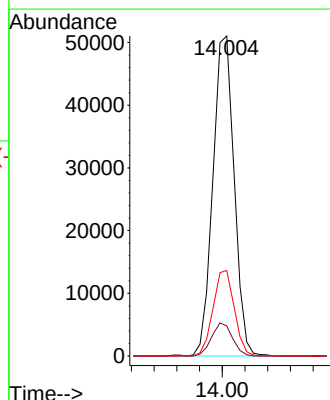
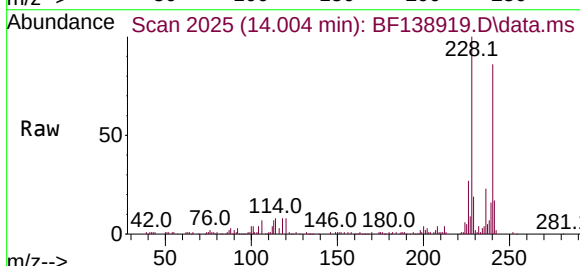
Tgt Ion:240 Resp: 66468

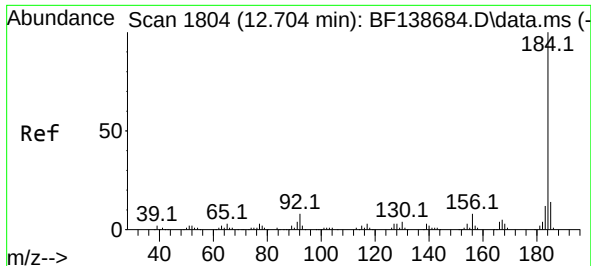
Ion Ratio Lower Upper

240 100

120 9.4 10.2 15.4#

236 26.7 19.8 29.8

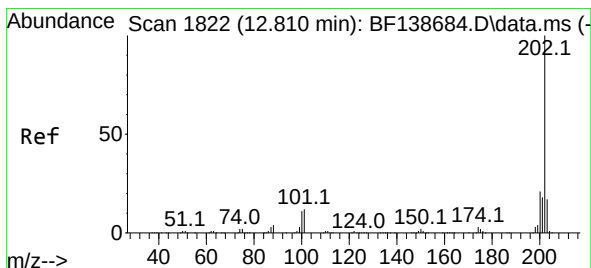
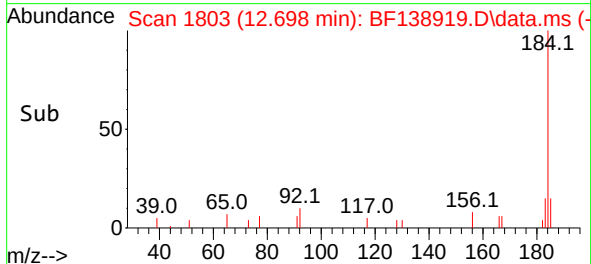
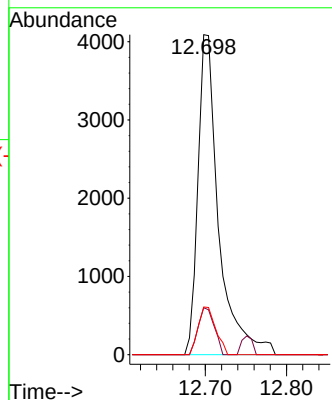
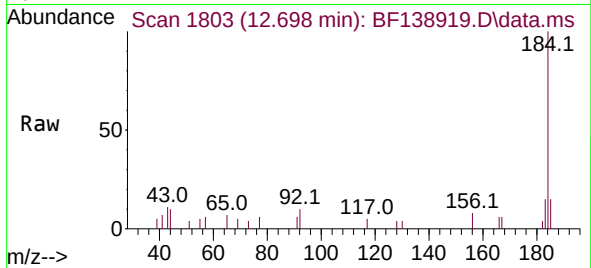




#77
Benzidine
Concen: 4.565 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

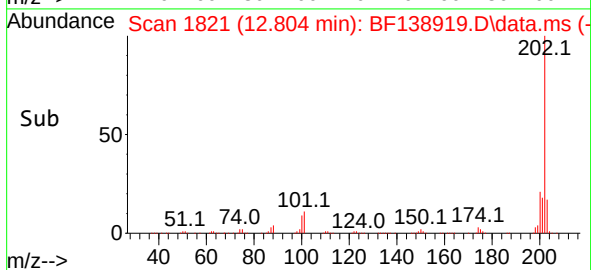
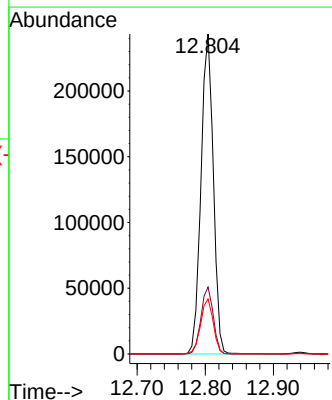
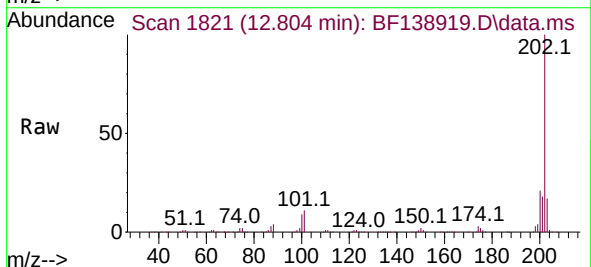
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

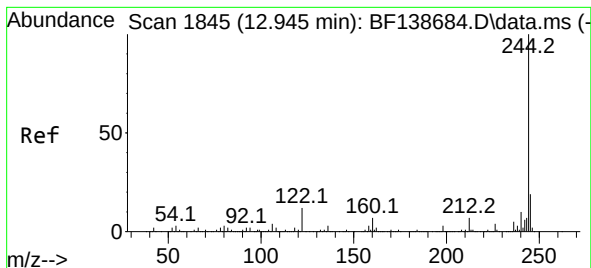
Tgt Ion:184 Resp: 7257
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 14.9 9.6 14.4#



#78
Pyrene
Concen: 48.700 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:202 Resp: 304771
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 103.204 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138919.D

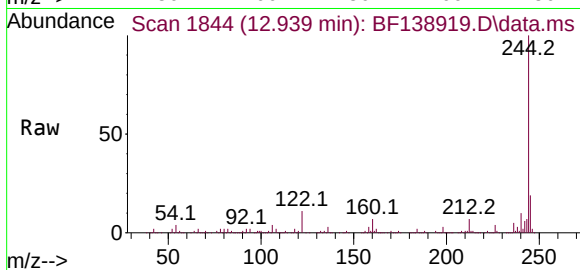
Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD



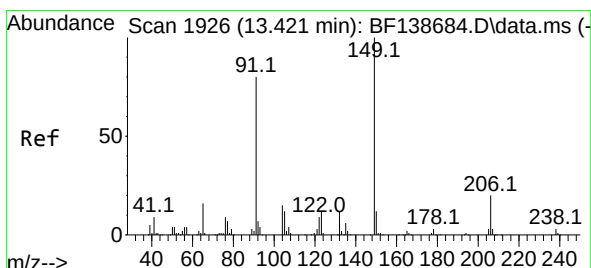
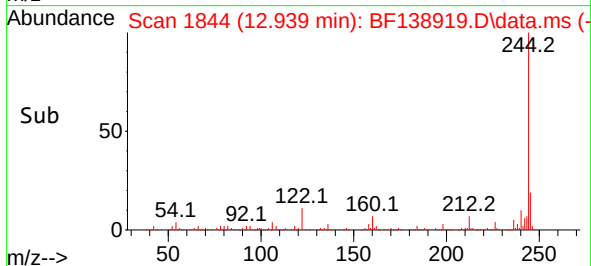
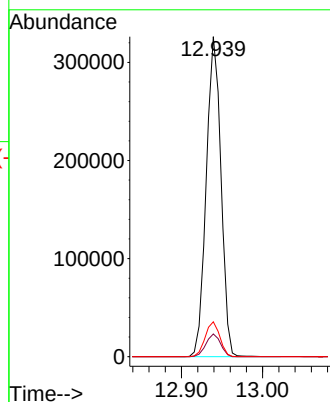
Tgt Ion:244 Resp: 409719

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.9 9.6 14.4



#80

Butylbenzylphthalate

Concen: 59.193 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

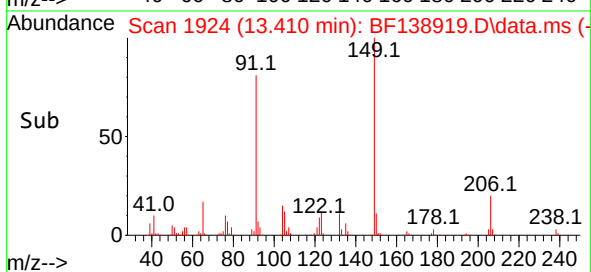
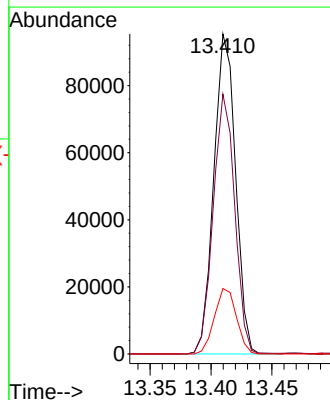
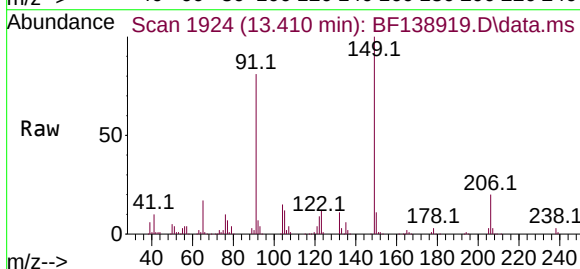
Tgt Ion:149 Resp: 118626

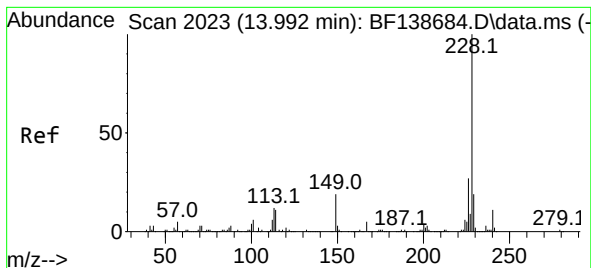
Ion Ratio Lower Upper

149 100

91 81.2 63.7 95.5

206 20.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 60.257 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

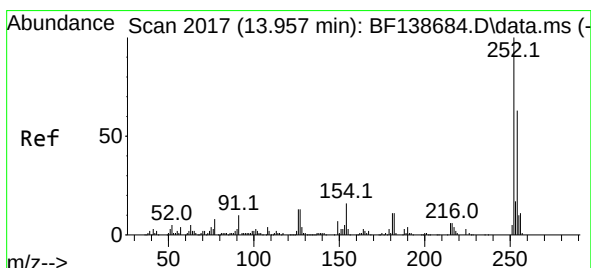
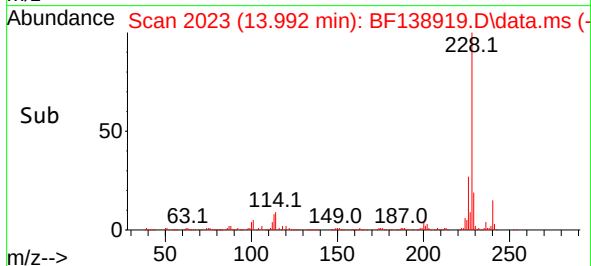
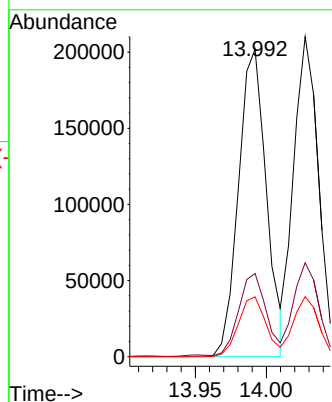
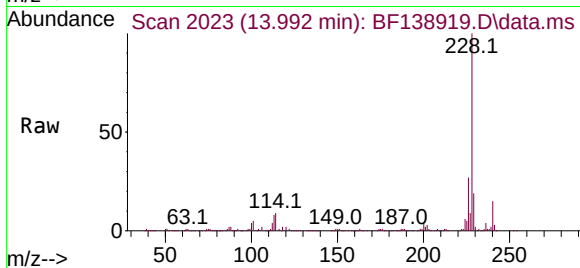
Tgt Ion:228 Resp: 275804

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.4 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 56.558 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

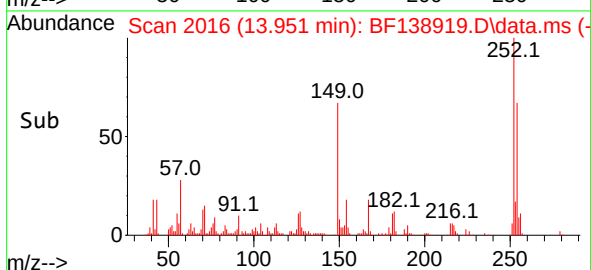
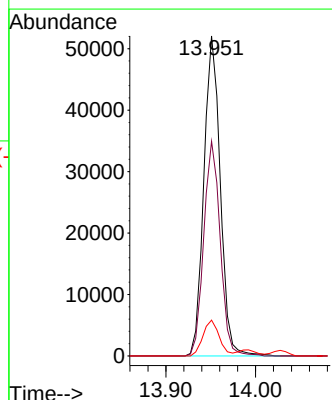
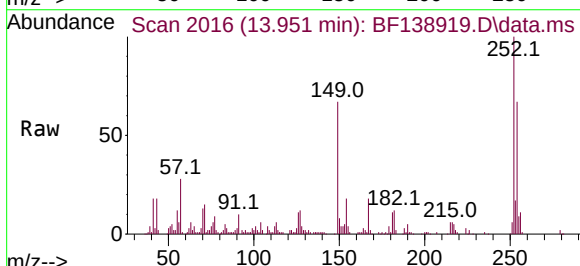
Tgt Ion:252 Resp: 66247

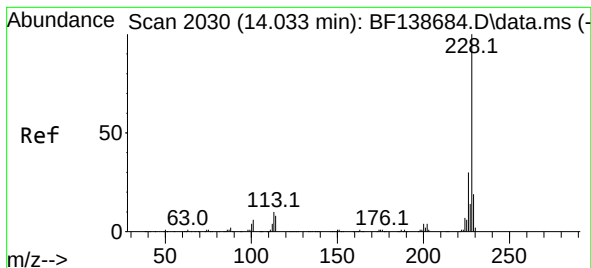
Ion Ratio Lower Upper

252 100

254 67.1 50.8 76.2

126 11.2 10.2 15.2





#83

Chrysene

Concen: 62.127 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

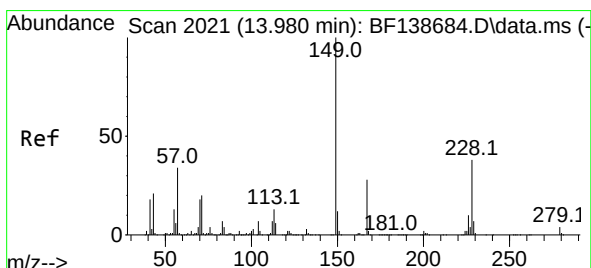
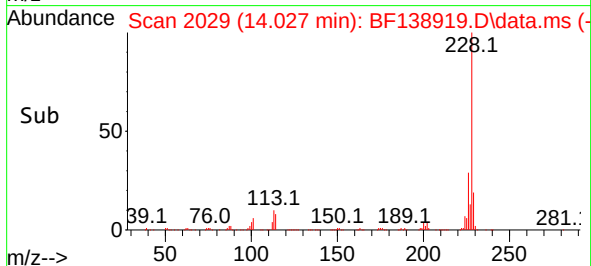
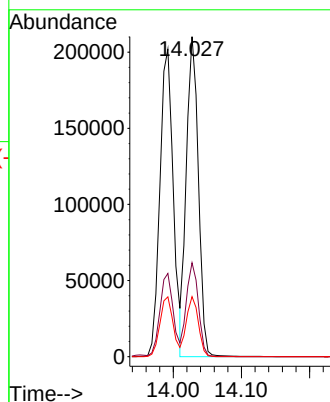
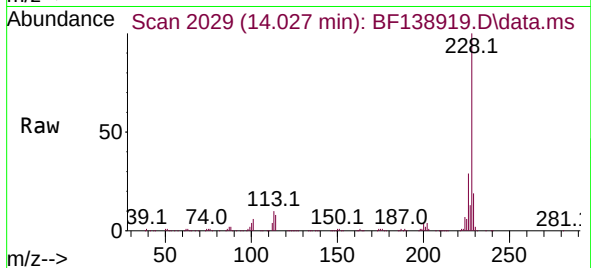
Tgt Ion:228 Resp: 256550

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 18.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.905 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

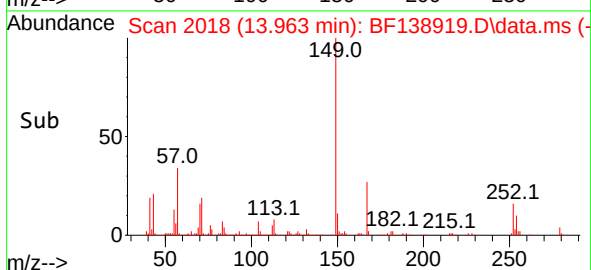
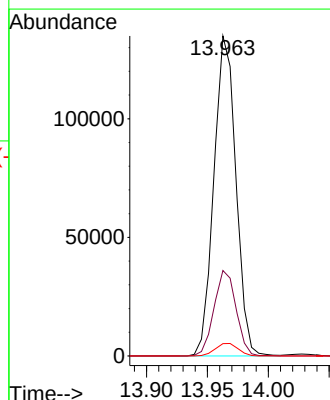
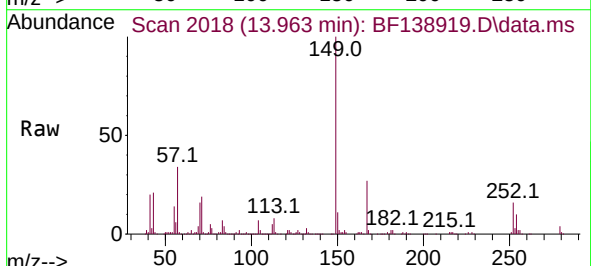
Tgt Ion:149 Resp: 169927

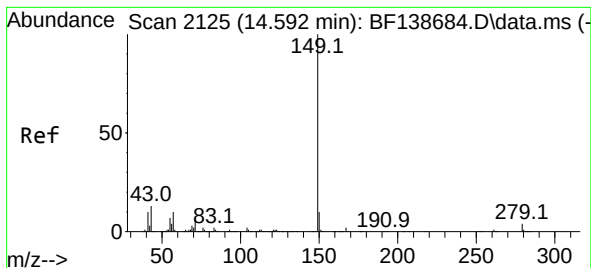
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 56.680 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

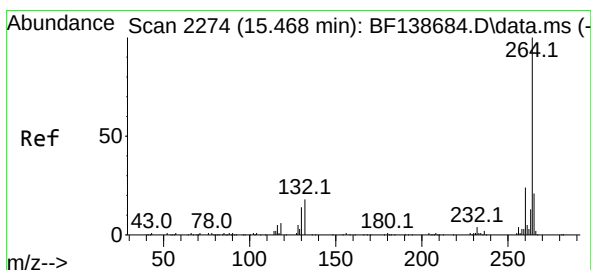
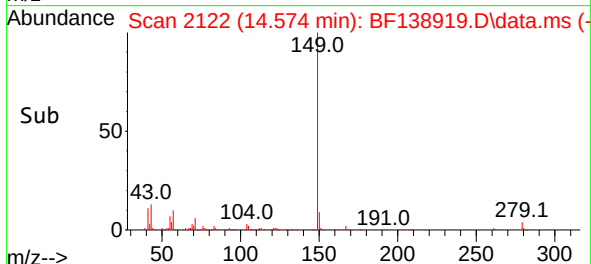
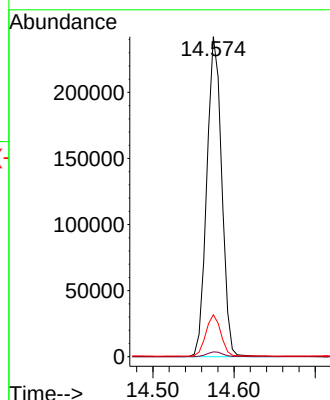
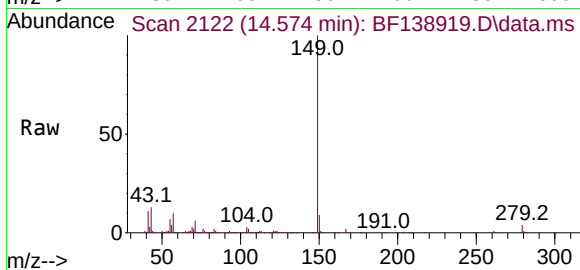
Tgt Ion:149 Resp: 307742

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 13.0 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

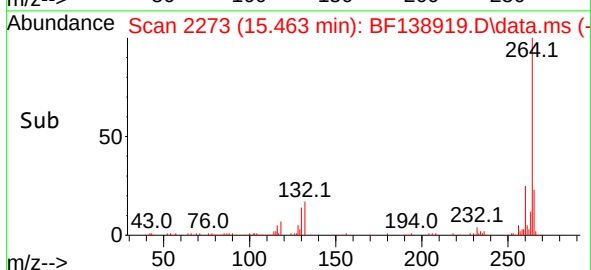
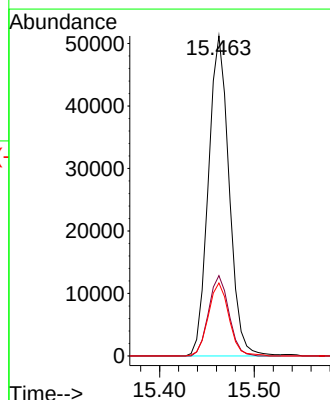
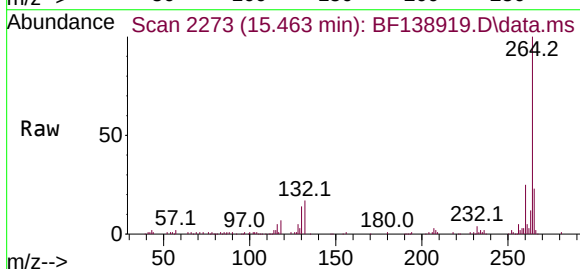
Tgt Ion:264 Resp: 77789

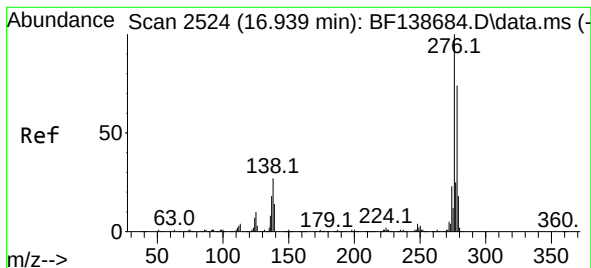
Ion Ratio Lower Upper

264 100

260 25.1 19.0 28.6

265 22.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.380 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD

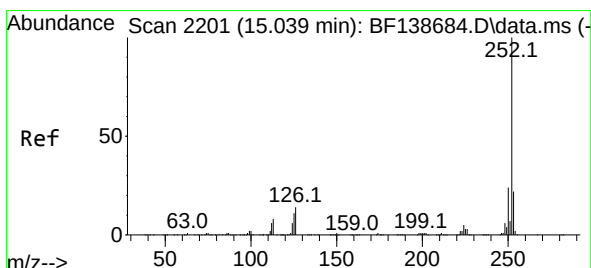
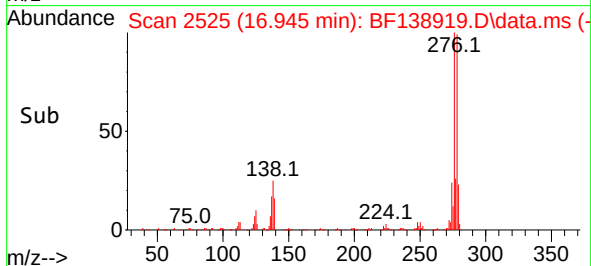
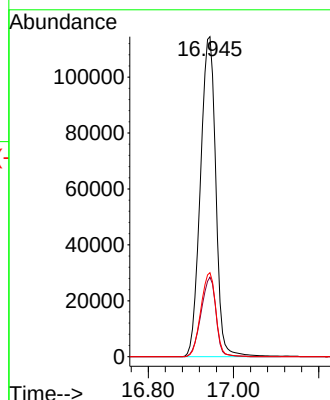
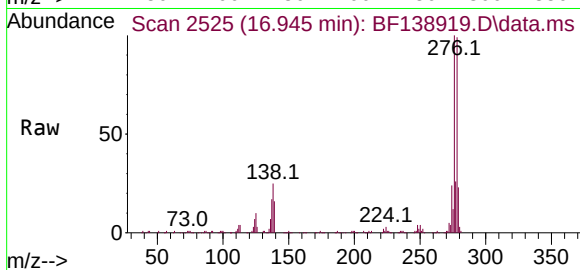
Tgt Ion:276 Resp: 286427

Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 59.071 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

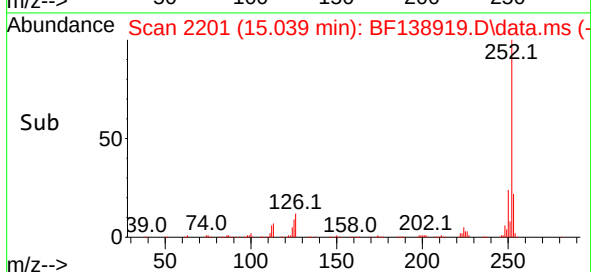
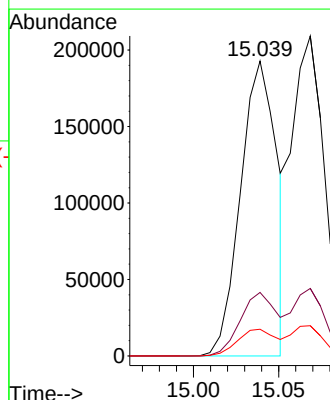
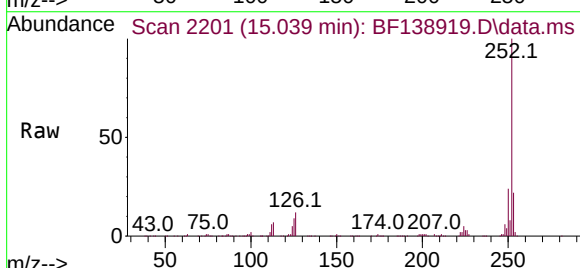
Tgt Ion:252 Resp: 284852

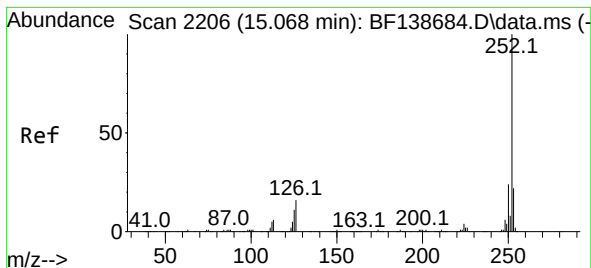
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 66.938 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138919.D

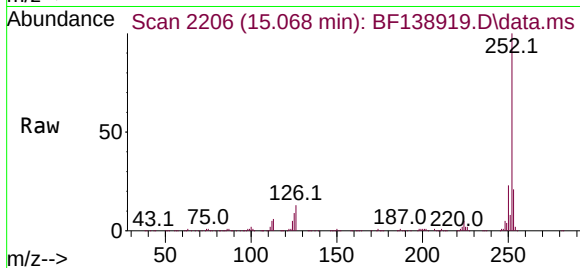
Acq: 10 Aug 2024 19:54

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MSD



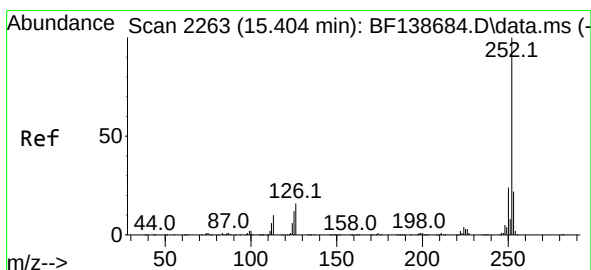
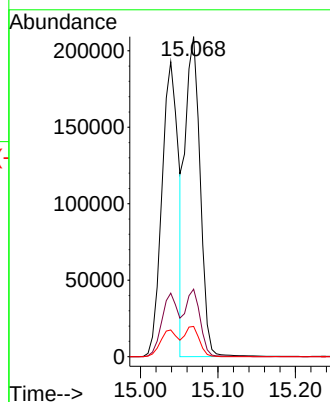
Tgt Ion:252 Resp: 279472

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 9.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 65.957 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138919.D

Acq: 10 Aug 2024 19:54

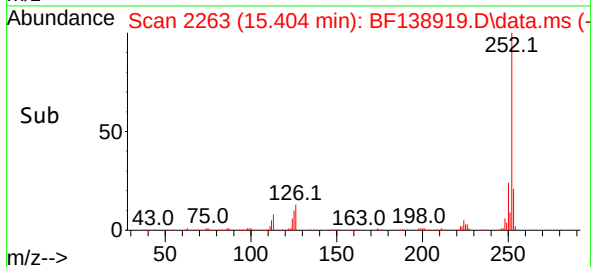
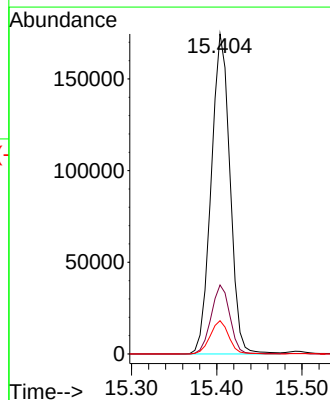
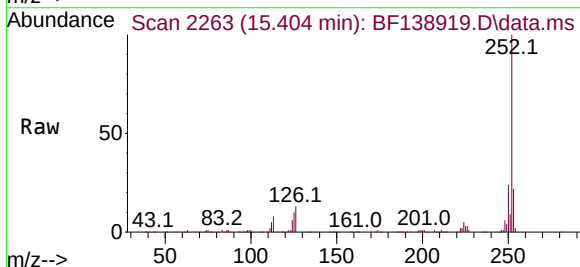
Tgt Ion:252 Resp: 267531

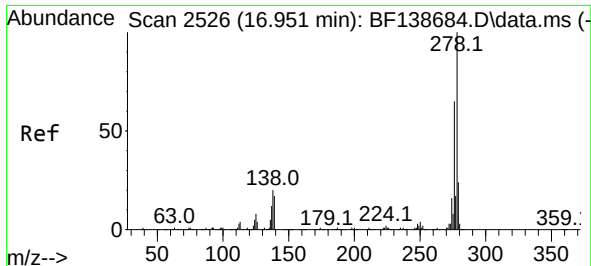
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.4 9.5 14.3

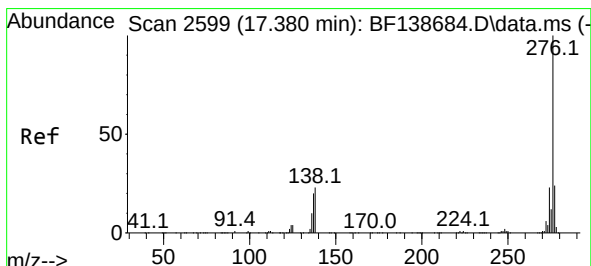
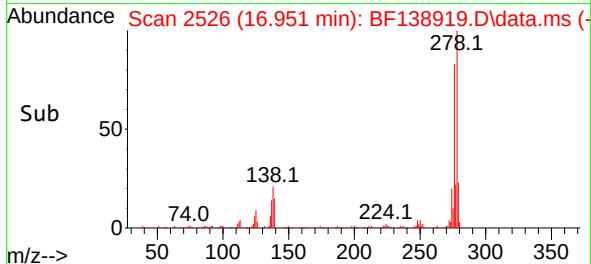
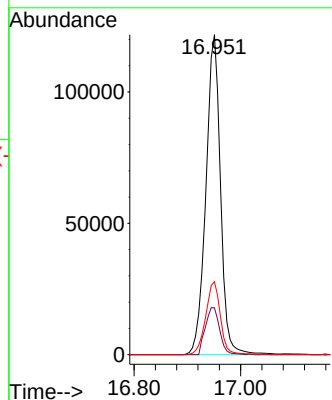
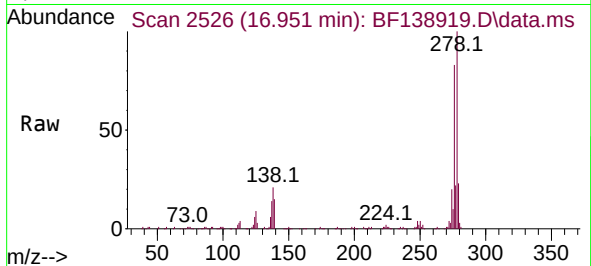




#91
Dibenzo(a,h)anthracene
Concen: 50.787 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

Tgt Ion:278 Resp: 232405
Ion Ratio Lower Upper
278 100
139 14.6 14.0 21.0
279 22.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.904 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138919.D
Acq: 10 Aug 2024 19:54

Tgt Ion:276 Resp: 203733
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 19.4 18.5 27.7

