

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138424.D
 Acq On : 02 Jul 2024 12:43
 Operator : CG\JU
 Sample : PB161809BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161809BS

Quant Time: Jul 02 13:10:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	198824	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	825252	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	449304	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	733046	20.000	ng	0.00
76) Chrysene-d12	14.033	240	301632	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	359116	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1442648	120.299	ng	0.02
7) Phenol-d6	6.522	99	1958165	121.214	ng	0.00
23) Nitrobenzene-d5	7.445	82	1283254	80.778	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	425441	115.897	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2054541	72.773	ng	0.00
79) Terphenyl-d14	12.980	244	1635136	74.290	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.751	88	203999	36.115	ng	99
3) Pyridine	3.498	79	492464	36.545	ng	96
4) n-Nitrosodimethylamine	3.457	42	384849	45.777	ng	98
6) Aniline	6.539	93	468865	29.741	ng	98
8) 2-Chlorophenol	6.663	128	604809	46.980	ng	98
9) Benzaldehyde	6.434	77	705395	70.746	ng	99
10) Phenol	6.534	94	761057	44.219	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	611069	45.206	ng	99
12) 1,3-Dichlorobenzene	6.816	146	595437	40.388	ng	98
13) 1,4-Dichlorobenzene	6.892	146	608972	41.195	ng	97
14) 1,2-Dichlorobenzene	7.045	146	582509	42.684	ng	98
15) Benzyl Alcohol	7.022	79	553856	47.867	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1203813	44.152	ng	97
17) 2-Methylphenol	7.133	107	476688	44.678	ng	96
18) Hexachloroethane	7.386	117	226393	42.459	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	430220	42.244	ng	97
20) 3+4-Methylphenols	7.286	107	549905	44.358	ng	99
22) Acetophenone	7.286	105	767423	40.990	ng	# 99
24) Nitrobenzene	7.463	77	673169	41.662	ng	96
25) Isophorone	7.698	82	1241214	42.373	ng	100
26) 2-Nitrophenol	7.775	139	324488	46.559	ng	97
27) 2,4-Dimethylphenol	7.810	122	424733	47.617	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	747802	42.412	ng	99
29) 2,4-Dichlorophenol	8.016	162	485460	42.375	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	526158	39.500	ng	100
31) Naphthalene	8.180	128	1691051	40.534	ng	100
32) Benzoic acid	7.951	122	387867	47.610	ng	98
33) 4-Chloroaniline	8.228	127	332841	22.844	ng	97
34) Hexachlorobutadiene	8.292	225	298884	37.372	ng	99
35) Caprolactam	8.610	113	109331	30.221	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	530984	43.513	ng	99
37) 2-Methylnaphthalene	8.869	142	1089473	40.407	ng	99
38) 1-Methylnaphthalene	8.969	142	1009124	38.592	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	486479	39.144	ng	98
41) Hexachlorocyclopentadiene	9.022	237	377825	103.283	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	332187	42.007	ng	99

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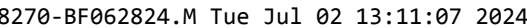
Instrument :
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 ClientSampleId :
 PB161809BS

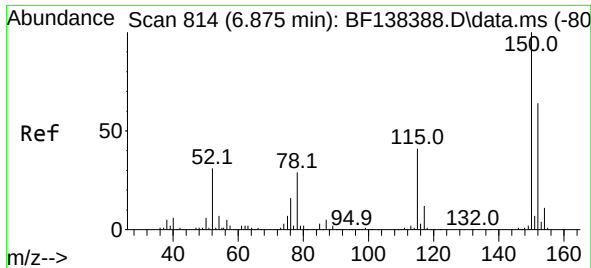
Quant Time: Jul 02 13:10:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	347839	40.445	ng	97
46) 1,1'-Biphenyl	9.333	154	1347356	40.162	ng	99
47) 2-Chloronaphthalene	9.363	162	1015207	39.690	ng	99
48) 2-Nitroaniline	9.457	65	382653	46.377	ng	97
49) Acenaphthylene	9.774	152	1579560	43.909	ng	100
50) Dimethylphthalate	9.639	163	1206302	41.775	ng	100
51) 2,6-Dinitrotoluene	9.698	165	273330	42.264	ng	97
52) Acenaphthene	9.945	154	948971	38.526	ng	99
53) 3-Nitroaniline	9.869	138	197470	30.916	ng	97
54) 2,4-Dinitrophenol	9.974	184	268344	96.080	ng	97
55) Dibenzofuran	10.122	168	1394399	41.086	ng	100
56) 4-Nitrophenol	10.039	139	396243	95.679	ng	87
57) 2,4-Dinitrotoluene	10.104	165	352131	44.222	ng	96
58) Fluorene	10.463	166	1045011	38.751	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	286664	44.876	ng	100
60) Diethylphthalate	10.333	149	1127356	41.758	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	521032	38.080	ng	97
62) 4-Nitroaniline	10.486	138	253861	43.301	ng	98
63) Azobenzene	10.610	77	1242282	43.571	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	189276	48.196	ng	78
66) n-Nitrosodiphenylamine	10.574	169	942119	41.399	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	314766	39.949	ng	# 89
68) Hexachlorobenzene	11.010	284	335807	38.667	ng	# 91
69) Atrazine	11.098	200	275104	43.115	ng	98
70) Pentachlorophenol	11.204	266	373567	84.751	ng	97
71) Phenanthrene	11.421	178	1504729	42.043	ng	99
72) Anthracene	11.474	178	1500226	42.032	ng	99
73) Carbazole	11.627	167	1254459	42.334	ng	99
74) Di-n-butylphthalate	11.957	149	1583663	42.171	ng	100
75) Fluoranthene	12.610	202	1323448	41.246	ng	99
77) Benzidine	12.727	184	100598	41.708	ng	98
78) Pyrene	12.839	202	1272079	39.459	ng	99
80) Butylbenzylphthalate	13.451	149	426034	43.429	ng	99
81) Benzo(a)anthracene	14.021	228	849569	43.759	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	231490	40.385	ng	98
83) Chrysene	14.057	228	834118	44.153	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	545041	44.303	ng	99
85) Di-n-octyl phthalate	14.621	149	1041645	48.373	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	868069	48.108	ng	98
88) Benzo(b)fluoranthene	15.068	252	954174	48.427	ng	97
89) Benzo(k)fluoranthene	15.098	252	848650	46.762	ng	98
90) Benzo(a)pyrene	15.439	252	854029	49.451	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	702386	48.224	ng	98
92) Benzo(g,h,i)perylene	17.421	276	650183	45.632	ng	97

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

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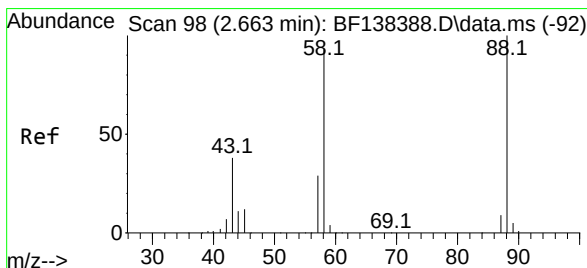
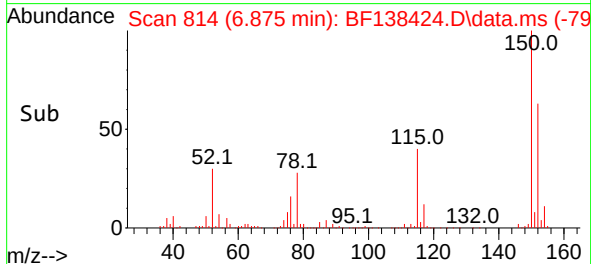
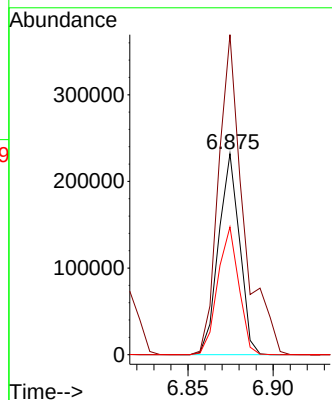
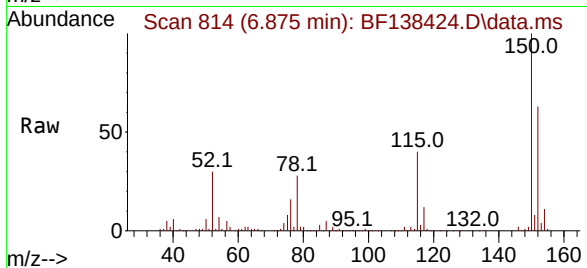




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF138424.D
 Acq: 02 Jul 2024 12:43

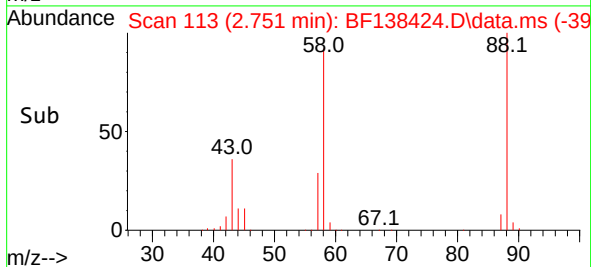
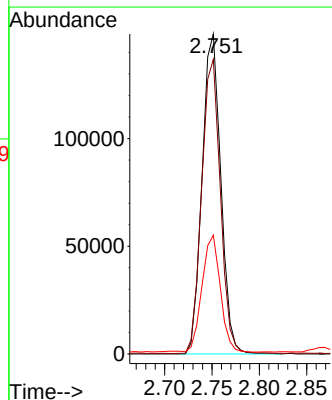
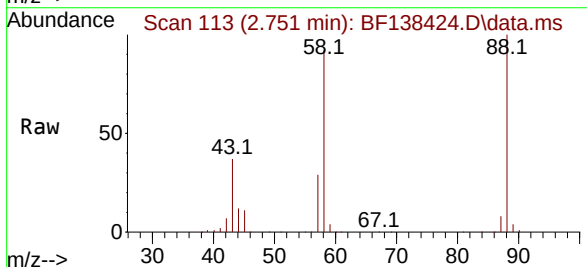
Instrument :
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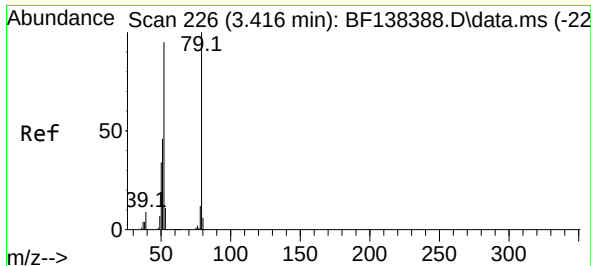
Tgt Ion:152 Resp: 198824
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.9 187.3
 115 63.5 50.8 76.2



#2
 1,4-Dioxane
 Concen: 36.115 ng
 RT: 2.751 min Scan# 113
 Delta R.T. 0.088 min
 Lab File: BF138424.D
 Acq: 02 Jul 2024 12:43

Tgt Ion: 88 Resp: 203999
 Ion Ratio Lower Upper
 88 100
 58 92.0 73.7 110.5
 43 35.8 30.1 45.1

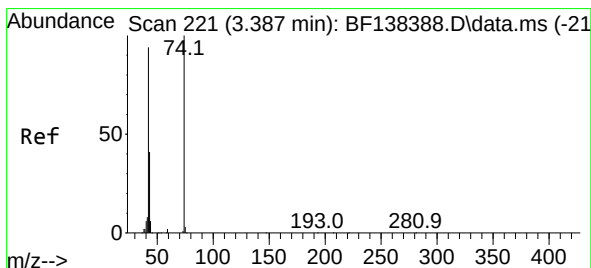
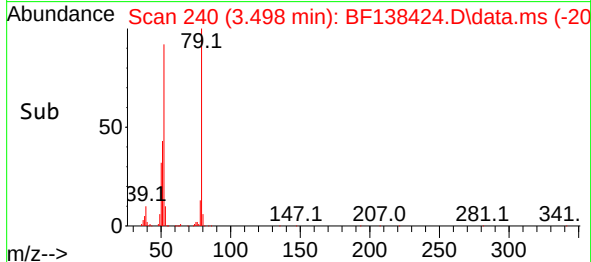
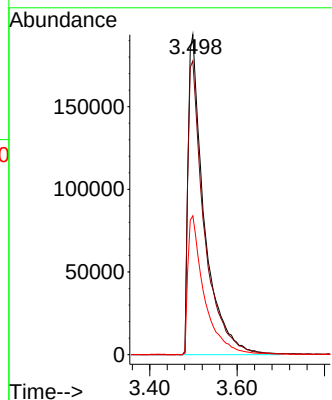
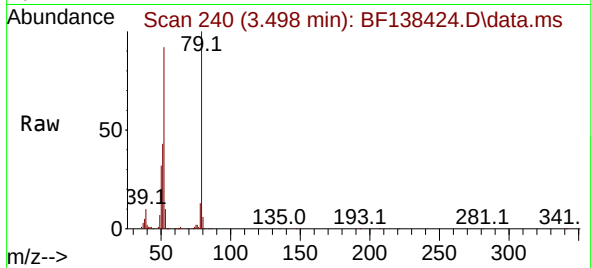




#3
Pyridine
Concen: 36.545 ng
RT: 3.498 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

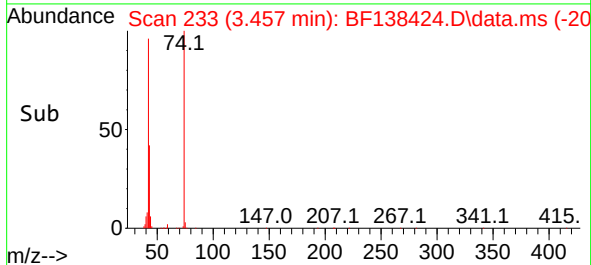
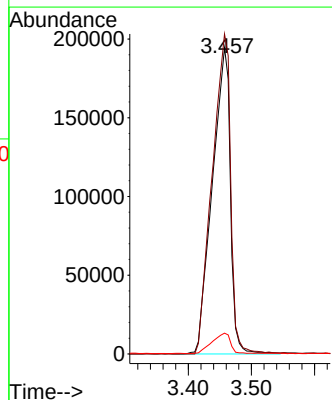
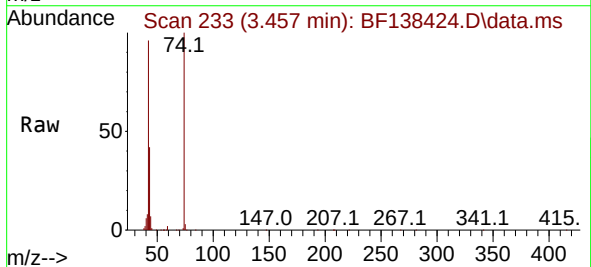
Instrument :
BNA_F
ClientSampleId :
PB161809BS

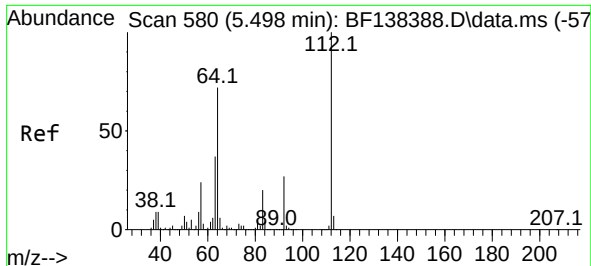
Tgt Ion: 79 Resp: 492464
Ion Ratio Lower Upper
79 100
52 91.8 76.2 114.2
51 43.4 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 45.777 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.071 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion: 42 Resp: 384849
Ion Ratio Lower Upper
42 100
74 104.4 85.1 127.7
44 6.8 5.5 8.3

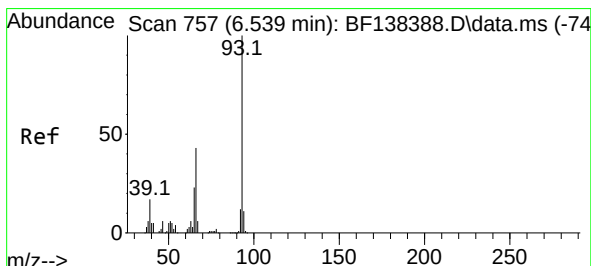
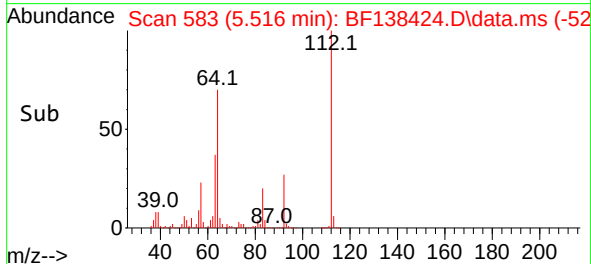
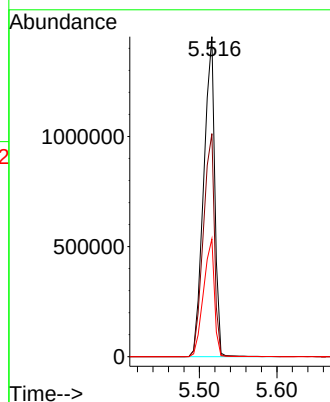
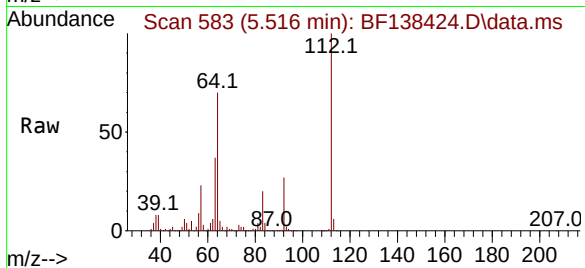




#5
2-Fluorophenol
Concen: 120.299 ng
RT: 5.516 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

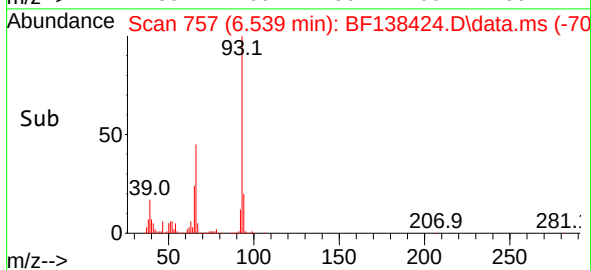
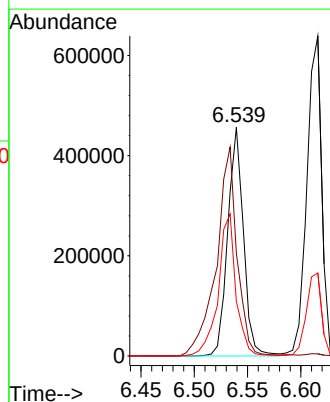
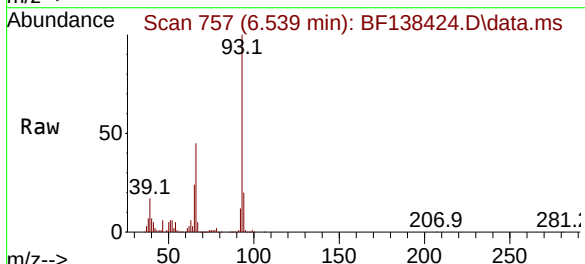
Instrument :
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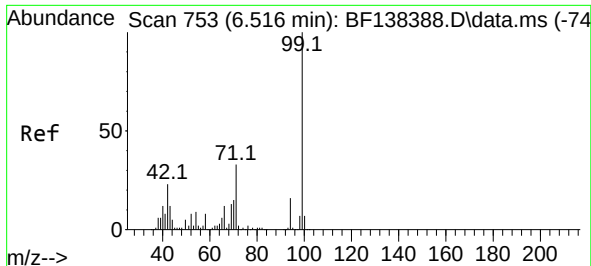
Tgt Ion:112 Resp: 1442648
Ion Ratio Lower Upper
112 100
64 69.7 57.2 85.8
63 36.8 29.4 44.0



#6
Aniline
Concen: 29.741 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion: 93 Resp: 468865
Ion Ratio Lower Upper
93 100
66 45.0 34.7 52.1
65 23.8 18.5 27.7





#7

Phenol-d6

Concen: 121.214 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

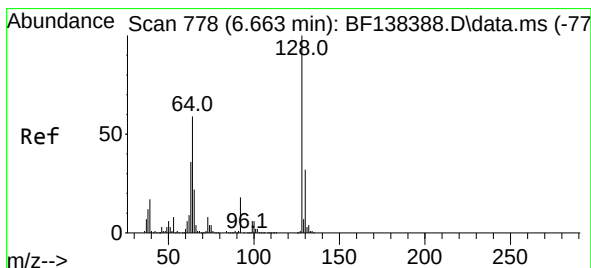
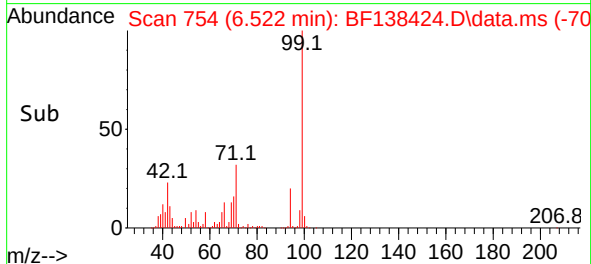
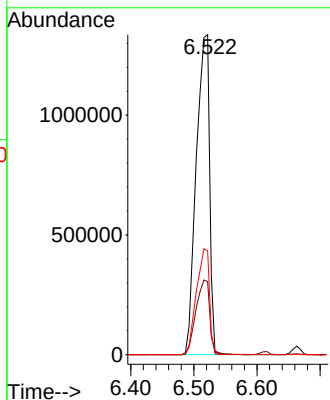
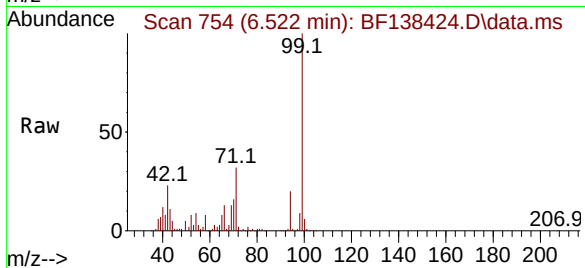
BNA_F

ClientSampleId :

PB161809BS

Tgt Ion: 99 Resp: 1958165

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.5	27.7
71	32.4	26.1	39.1



#8

2-Chlorophenol

Concen: 46.980 ng

RT: 6.663 min Scan# 778

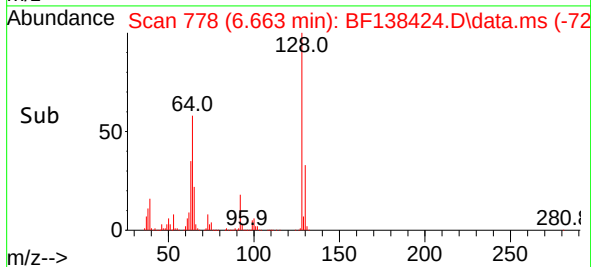
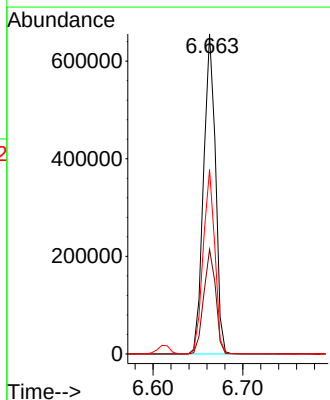
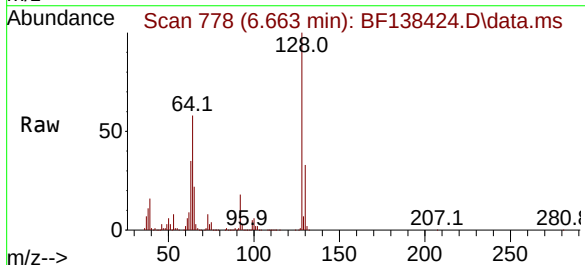
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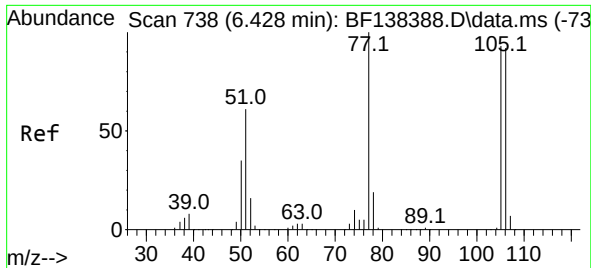
Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Tgt Ion:128 Resp: 604809

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	57.6	39.6	79.6





#9

Benzaldehyde

Concen: 70.746 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

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Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

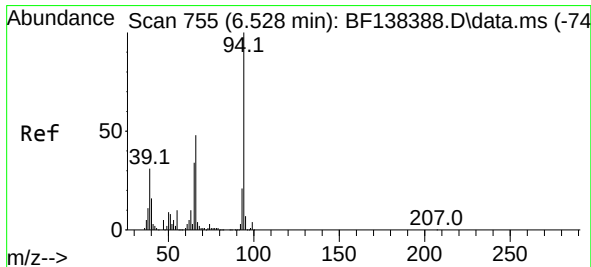
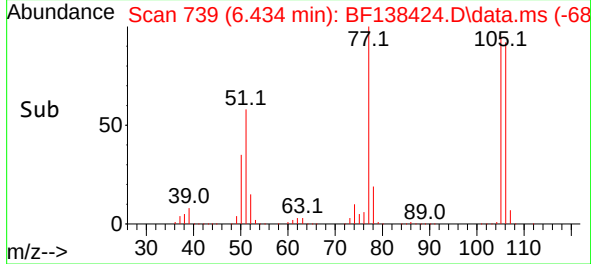
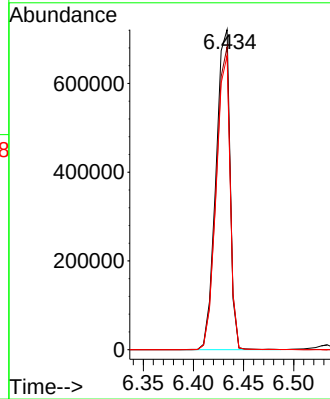
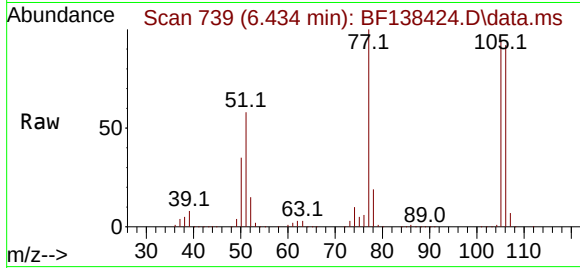
Tgt Ion: 77 Resp: 705395

Ion Ratio Lower Upper

77 100

105 94.6 73.2 113.2

106 91.9 71.5 111.5



#10

Phenol

Concen: 44.219 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

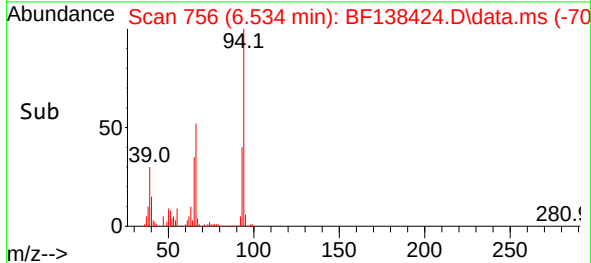
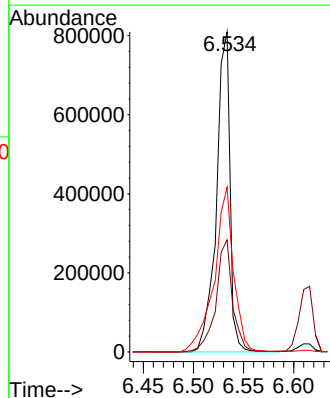
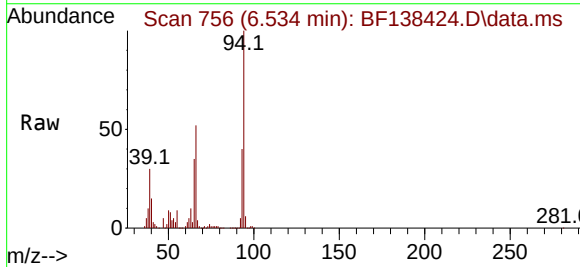
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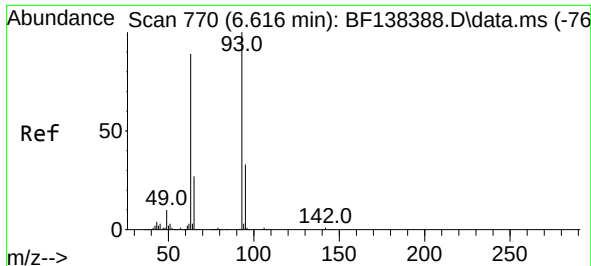
Ion Ratio Lower Upper

94 100

65 35.1 14.2 54.2

66 51.5 27.9 67.9

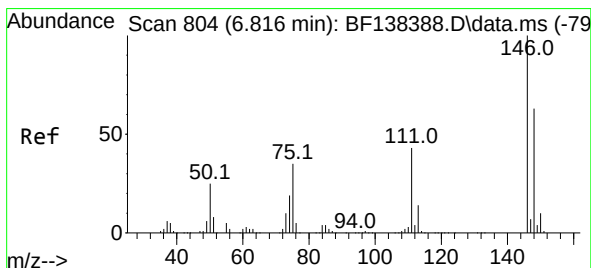
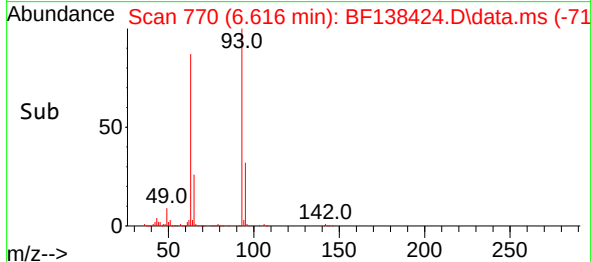
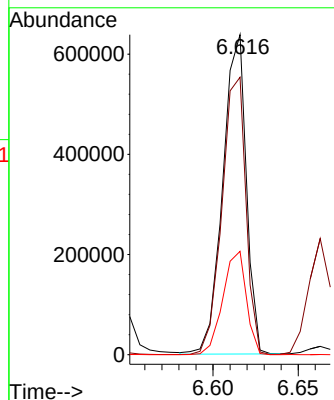
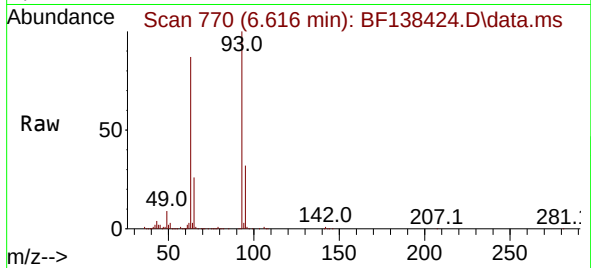




#11
bis(2-Chloroethyl)ether
Concen: 45.206 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

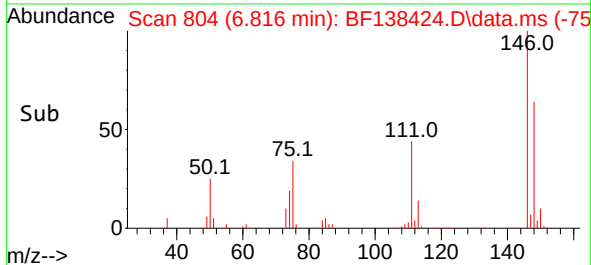
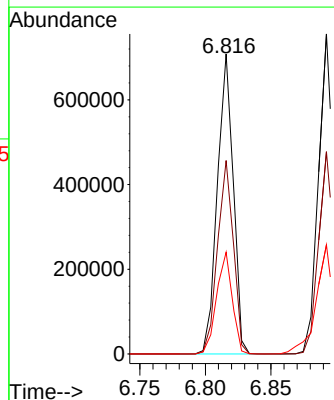
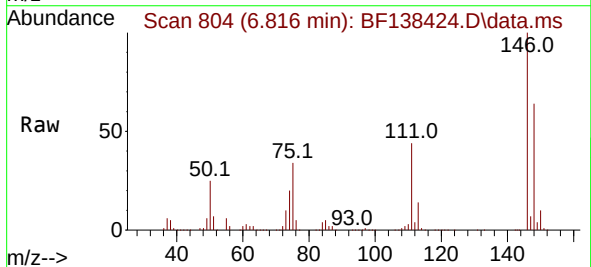
Instrument :
BNA_F
ClientSampleId :
PB161809BS

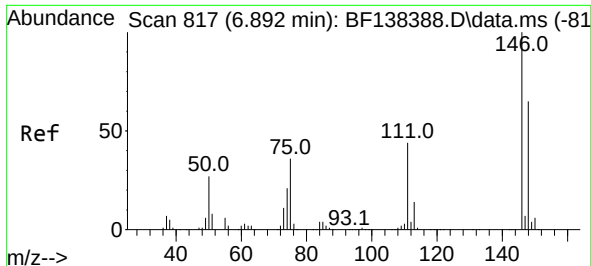
Tgt Ion: 93 Resp: 611069
Ion Ratio Lower Upper
93 100
63 86.7 68.2 108.2
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.388 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion: 146 Resp: 595437
Ion Ratio Lower Upper
146 100
148 64.5 50.3 75.5
75 33.9 27.8 41.6

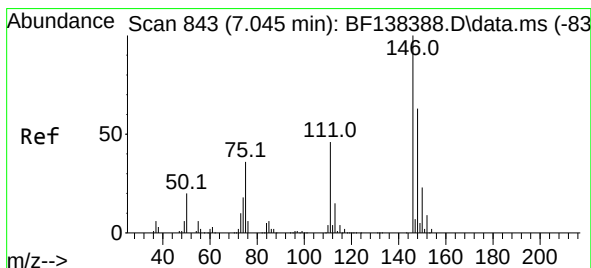
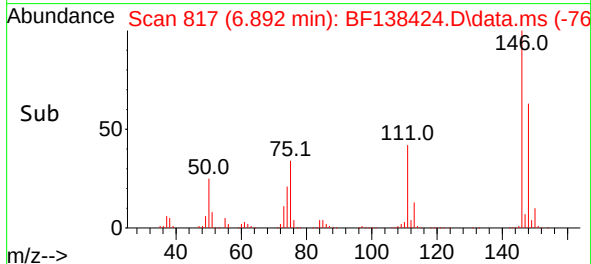
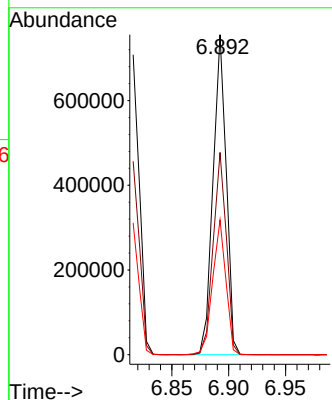
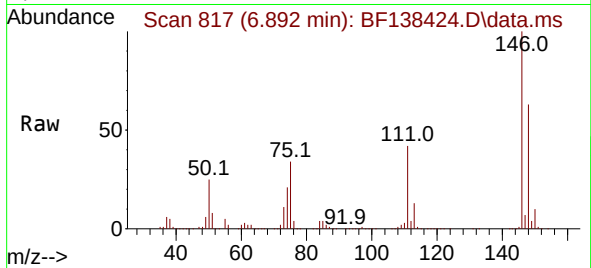




#13
1,4-Dichlorobenzene
Concen: 41.195 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

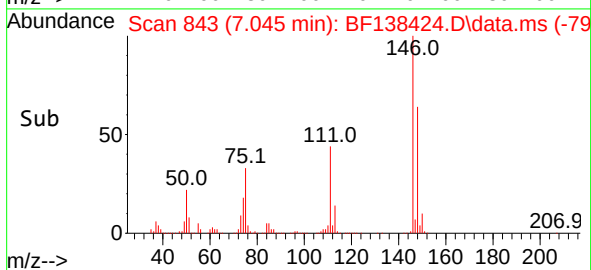
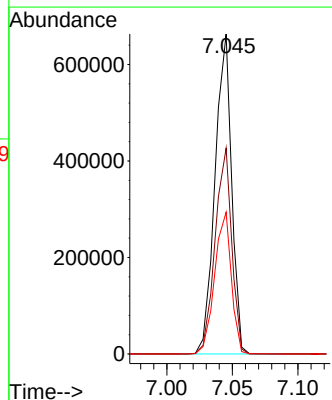
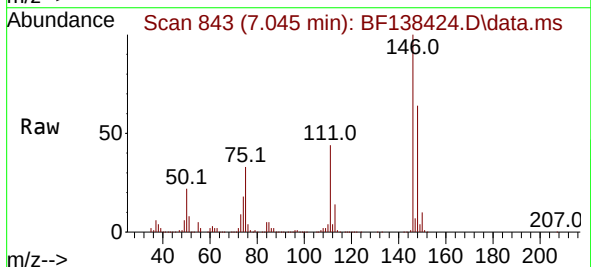
Instrument :
BNA_F
ClientSampleId :
PB161809BS

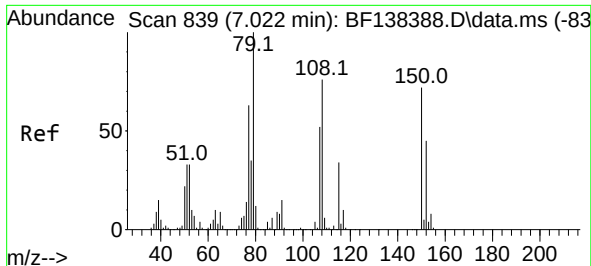
Tgt Ion:146 Resp: 608972
Ion Ratio Lower Upper
146 100
148 63.2 52.0 78.0
111 42.1 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 42.684 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:146 Resp: 582509
Ion Ratio Lower Upper
146 100
148 64.3 50.3 75.5
111 44.3 37.1 55.7

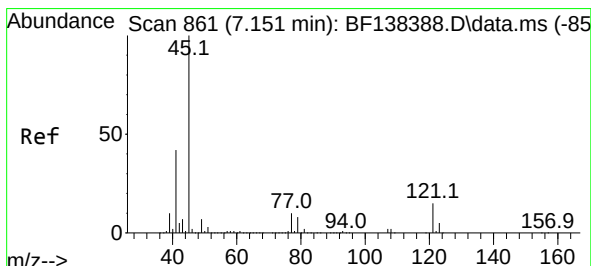
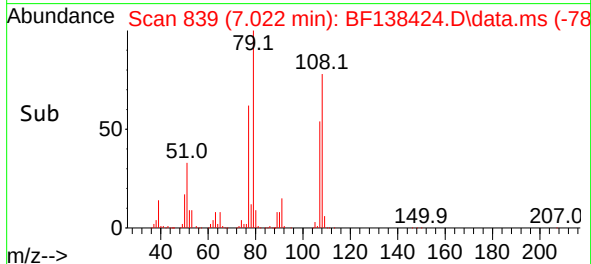
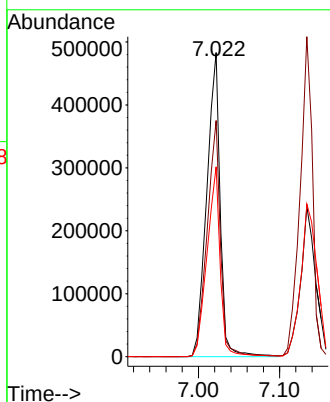
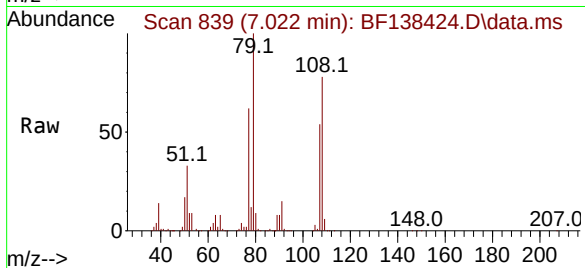




#15
Benzyl Alcohol
Concen: 47.867 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

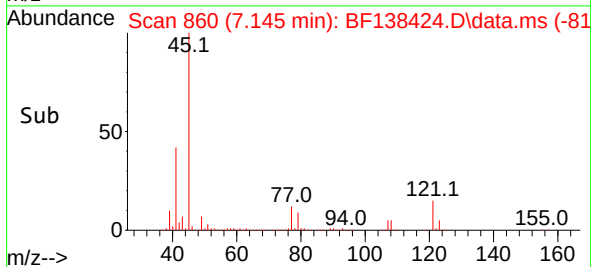
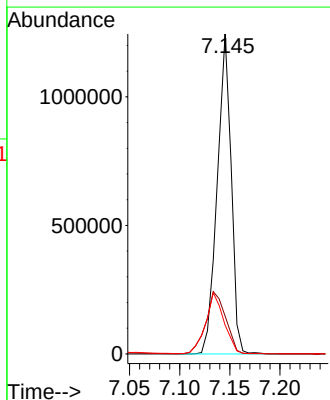
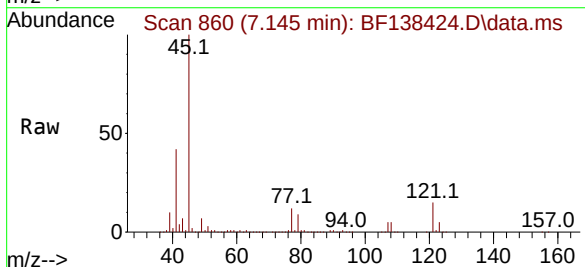
Instrument :
BNA_F
ClientSampleId :
PB161809BS

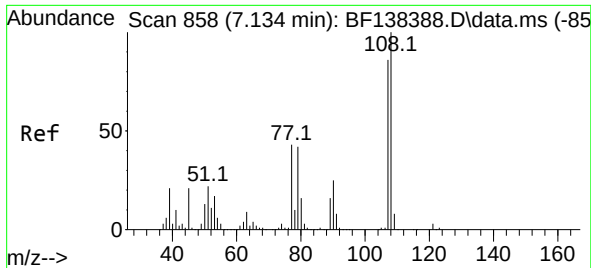
Tgt Ion: 79 Resp: 553856
Ion Ratio Lower Upper
79 100
108 77.7 60.9 91.3
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.152 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion: 45 Resp: 1203813
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.4
79 9.1 0.0 28.1



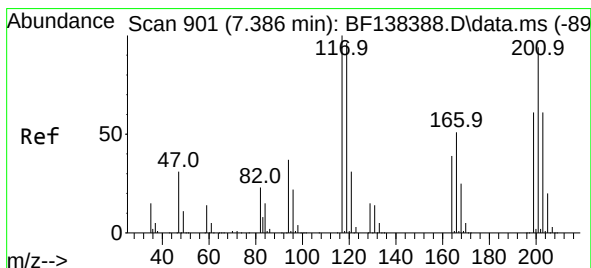
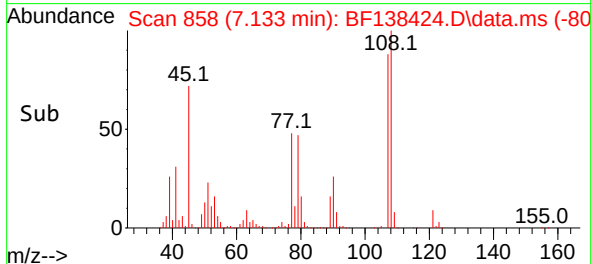
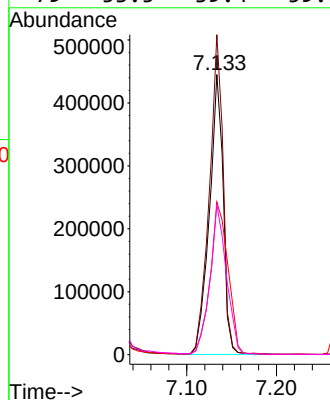
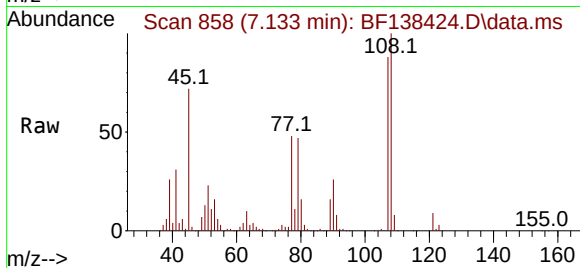


#17
2-Methylphenol
Concen: 44.678 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Instrument :
BNA_F
ClientSampleId :
PB161809BS

Tgt Ion:107 Resp: 476688

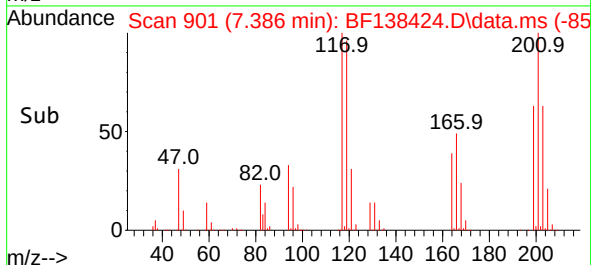
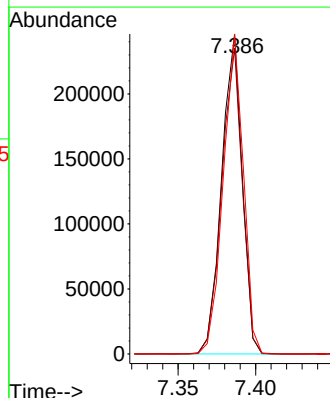
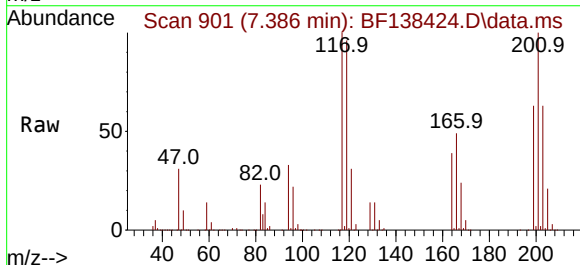
Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	138.8
77	54.5	40.3	60.5
79	53.5	39.4	59.0

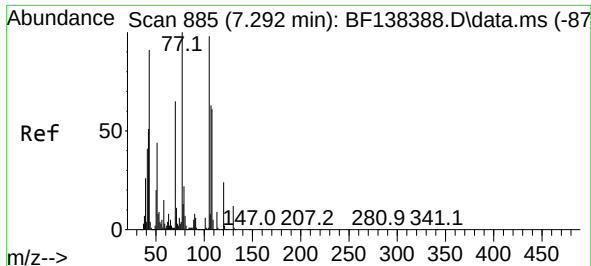


#18
Hexachloroethane
Concen: 42.459 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:117 Resp: 226393

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.1	115.7
201	100.2	75.6	113.4



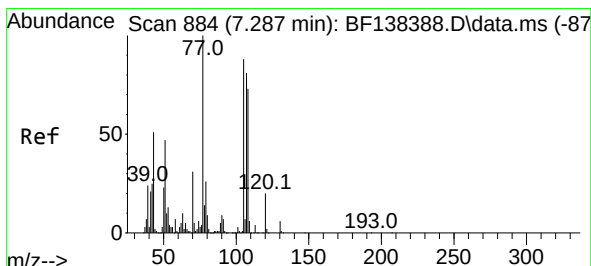
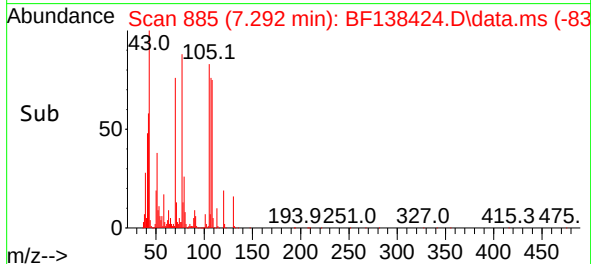
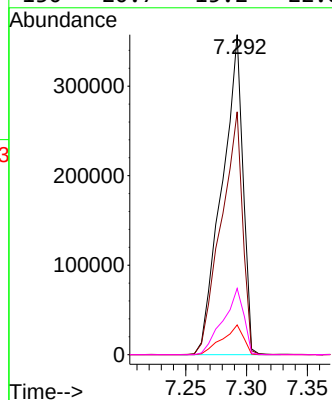
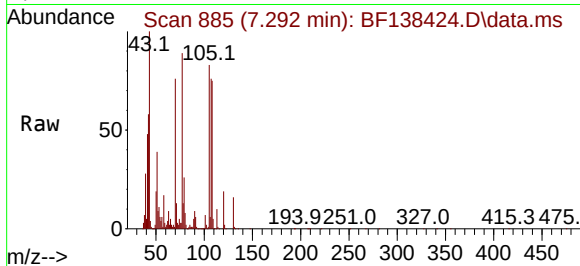


#19
n-Nitroso-di-n-propylamine
Concen: 42.244 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Instrument :
BNA_F
ClientSampleId :
PB161809BS

Tgt Ion: 70 Resp: 430220

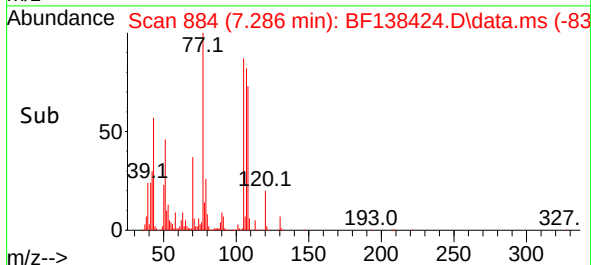
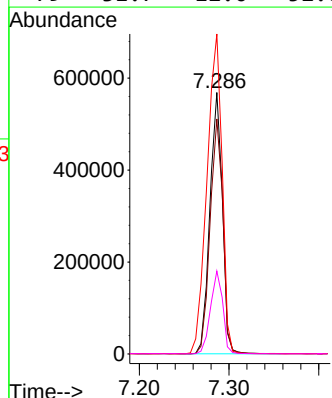
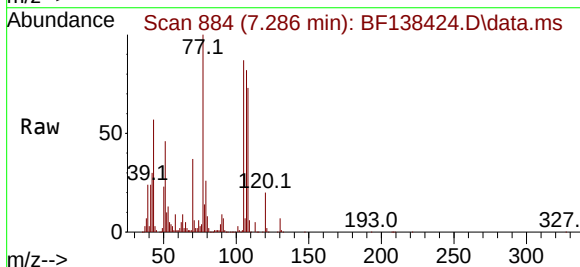
Ion	Ratio	Lower	Upper
70	100		
42	75.9	62.5	93.7
101	9.3	7.0	10.4
130	20.7	15.2	22.8

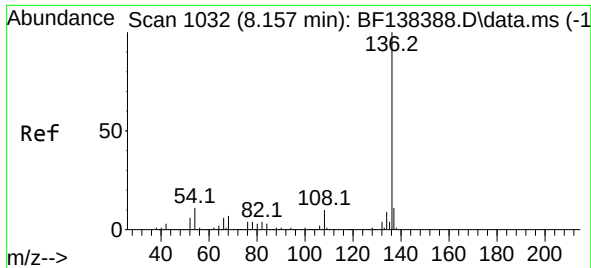


#20
3+4-Methylphenols
Concen: 44.358 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.001 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion: 107 Resp: 549905

Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.8	110.8
77	122.4	104.0	144.0
79	31.7	12.0	52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

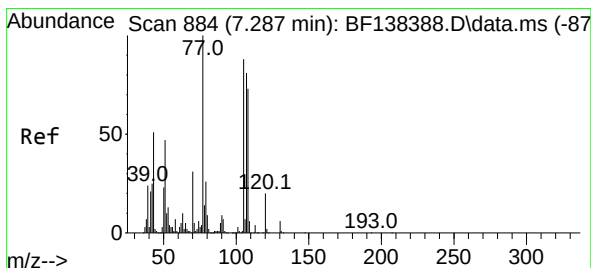
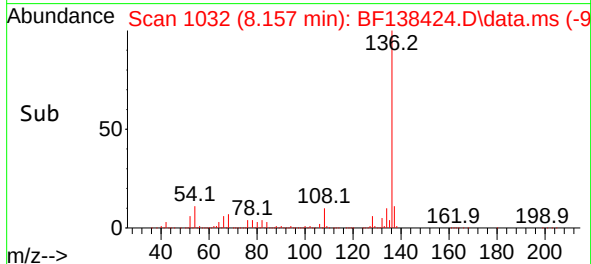
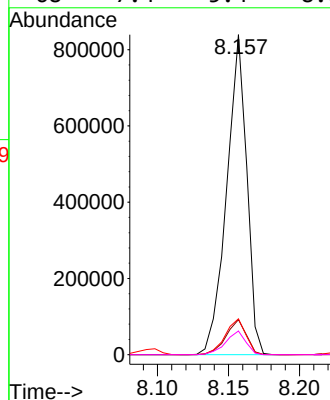
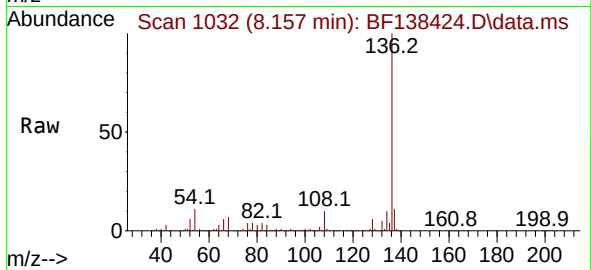
Instrument :

BNA_F

ClientSampleId :

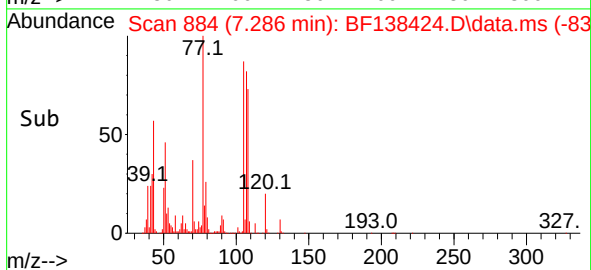
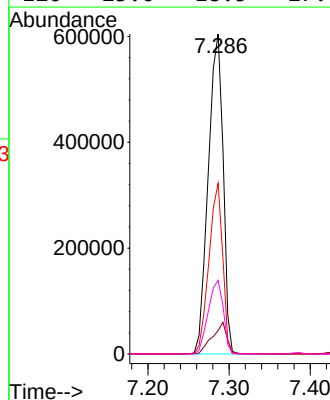
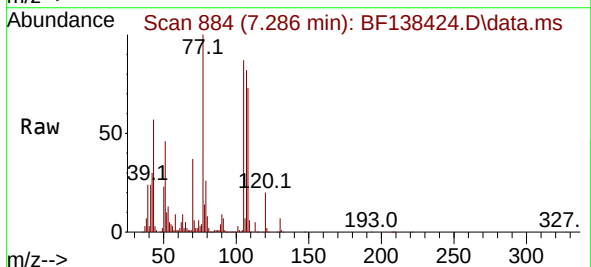
PB161809BS

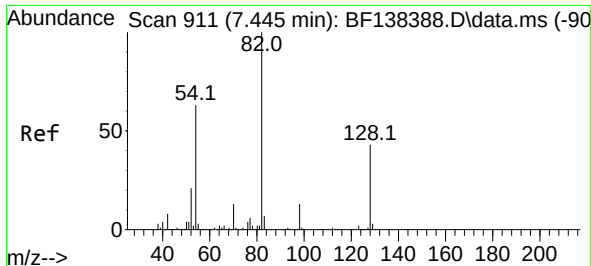
Tgt Ion:136 Resp: 825252
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.2 9.0 13.4
68 7.4 5.4 8.0



#22
Acetophenone
Concen: 40.990 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:105 Resp: 767423
Ion Ratio Lower Upper
105 100
71 7.3 4.7 7.1#
51 53.3 43.2 64.8
120 23.0 18.5 27.7





#23

Nitrobenzene-d5

Concen: 80.778 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

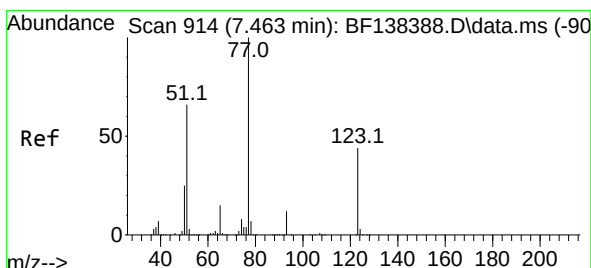
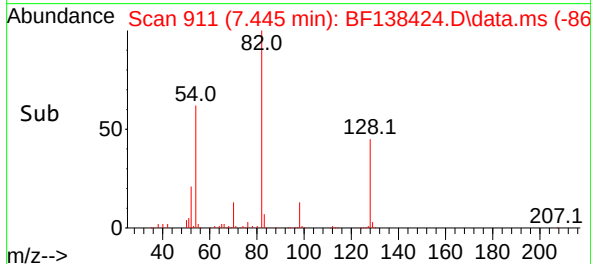
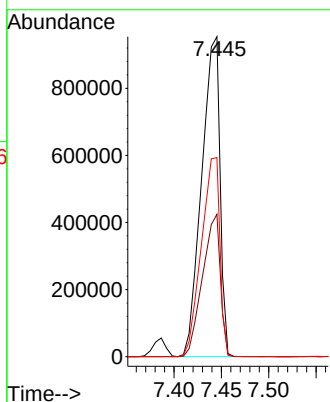
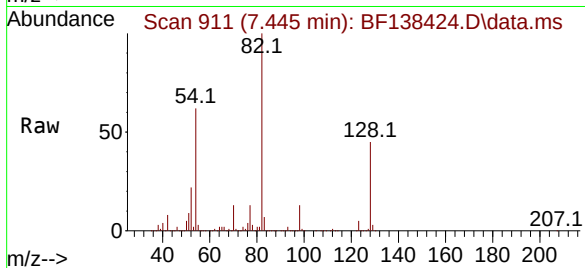
BNA_F

ClientSampleId :

PB161809BS

Tgt Ion: 82 Resp: 1283254

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	62.2	50.5	75.7



#24

Nitrobenzene

Concen: 41.662 ng

RT: 7.463 min Scan# 914

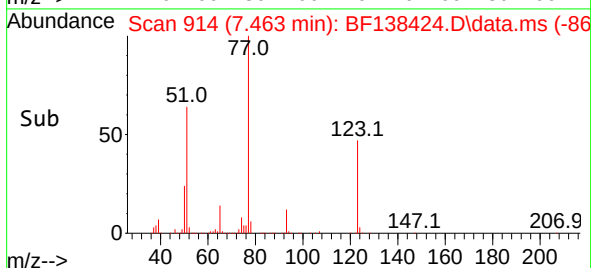
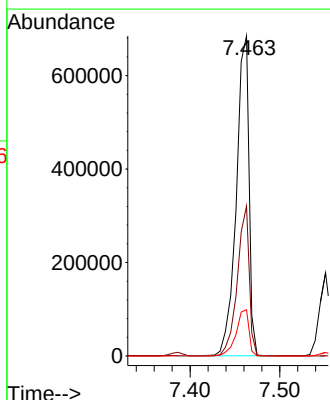
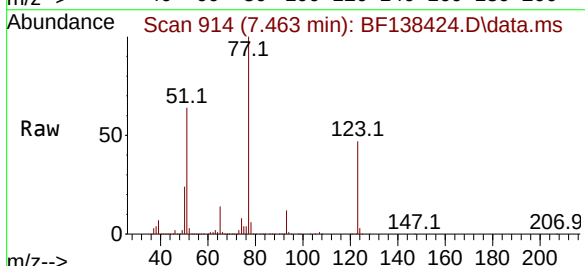
Delta R.T. -0.000 min

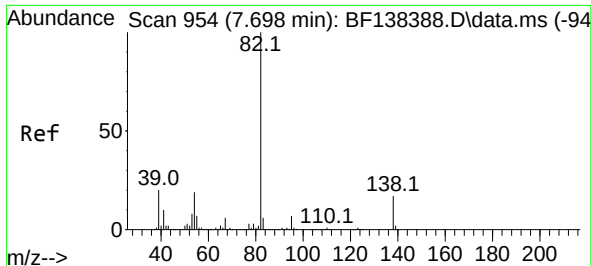
Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Tgt Ion: 77 Resp: 673169

Ion	Ratio	Lower	Upper
77	100		
123	46.8	35.0	52.6
65	14.4	12.1	18.1

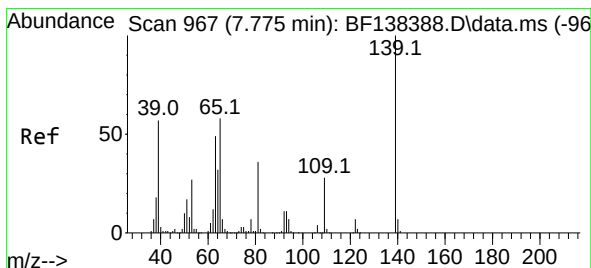
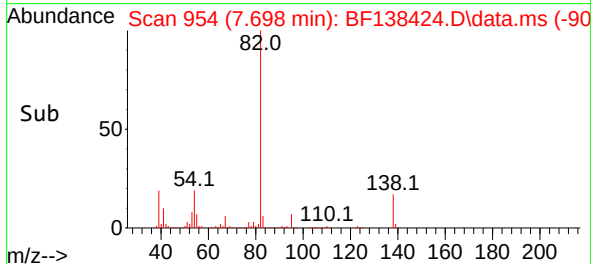
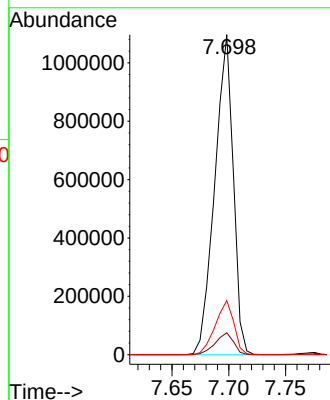
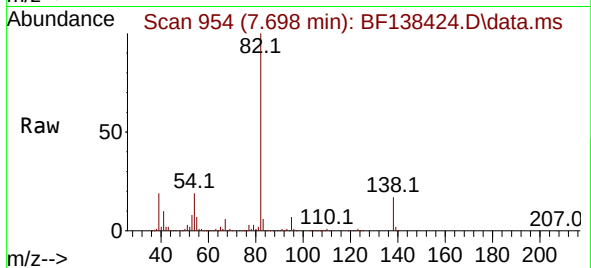




#25
Isophorone
Concen: 42.373 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

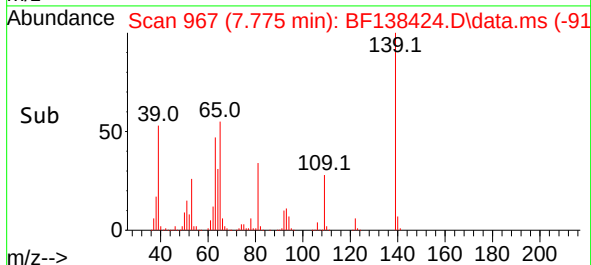
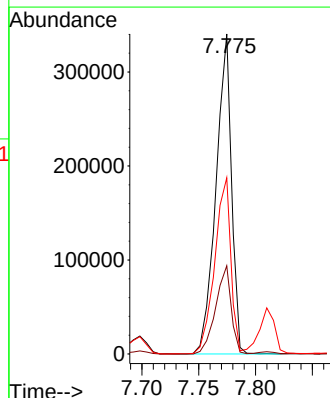
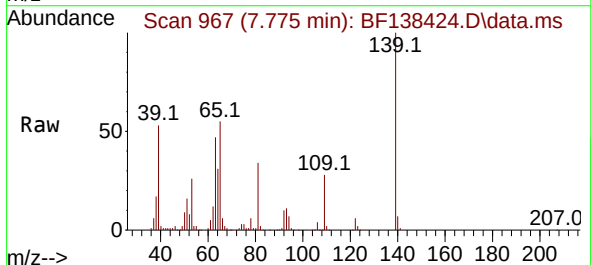
Instrument :
BNA_F
ClientSampleId :
PB161809BS

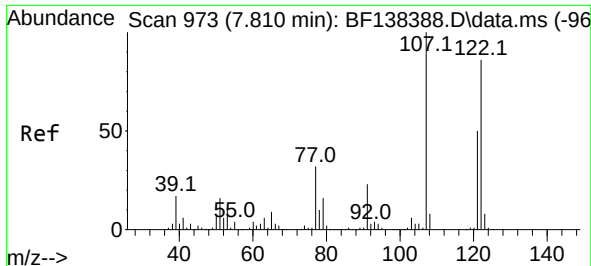
Tgt Ion: 82 Resp: 1241214
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 16.9 13.4 20.2



#26
2-Nitrophenol
Concen: 46.559 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:139 Resp: 324488
Ion Ratio Lower Upper
139 100
109 27.6 22.5 33.7
65 55.1 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 47.617 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

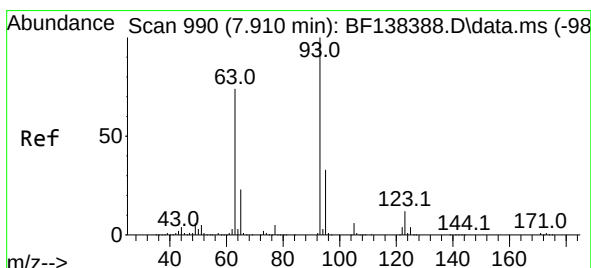
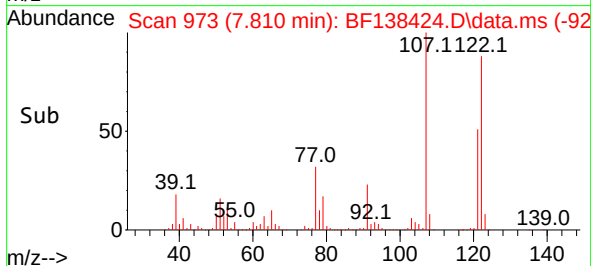
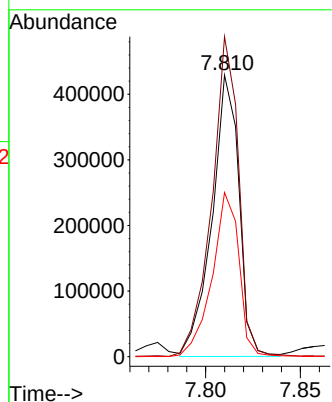
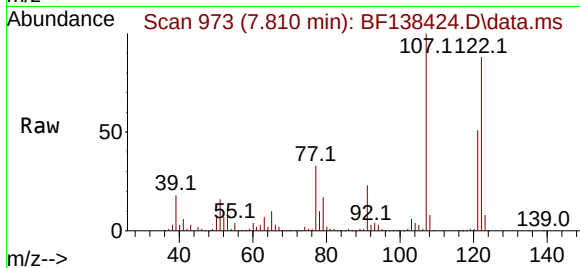
Instrument :

BNA_F

ClientSampleId :

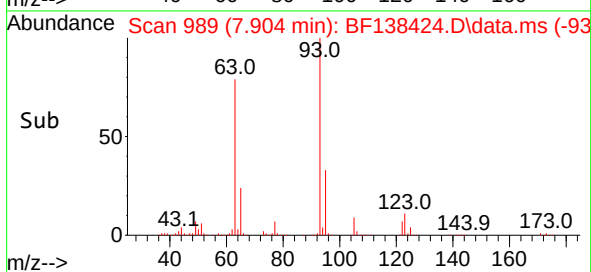
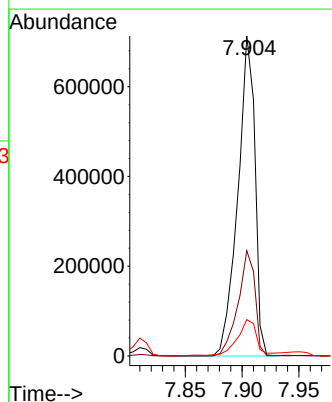
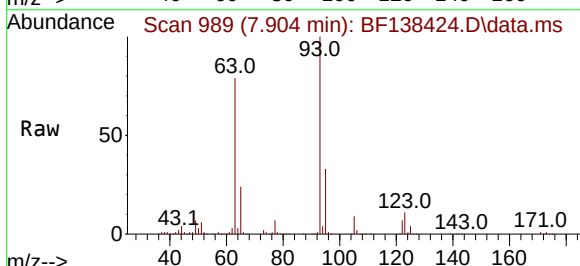
PB161809BS

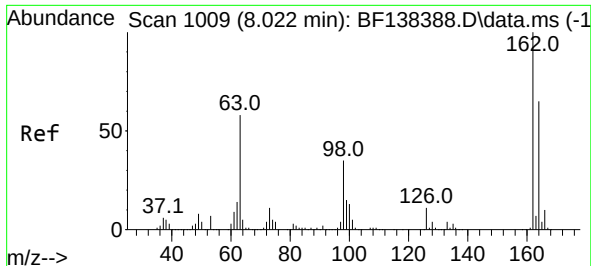
Tgt Ion:122 Resp: 424733
Ion Ratio Lower Upper
122 100
107 113.6 92.5 138.7
121 58.3 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.412 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion: 93 Resp: 747802
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 11.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 42.375 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

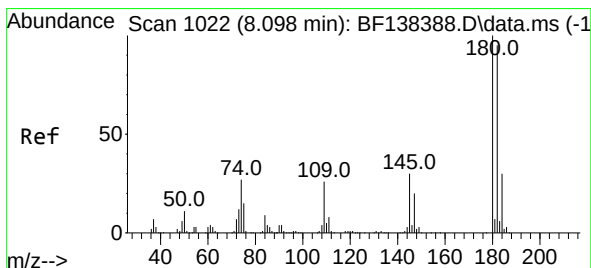
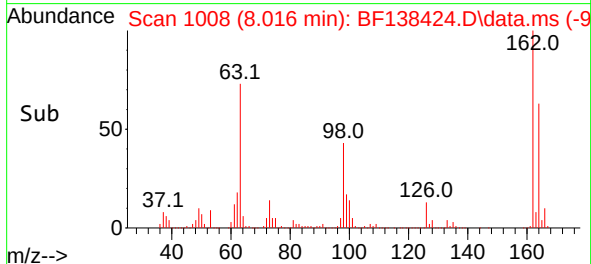
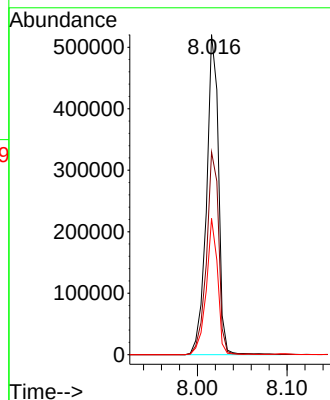
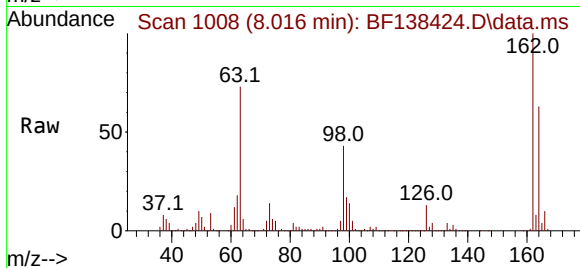
Tgt Ion:162 Resp: 485460

Ion Ratio Lower Upper

162 100

164 63.3 45.4 85.4

98 42.5 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 39.500 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

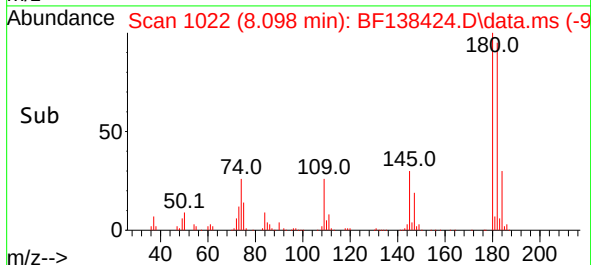
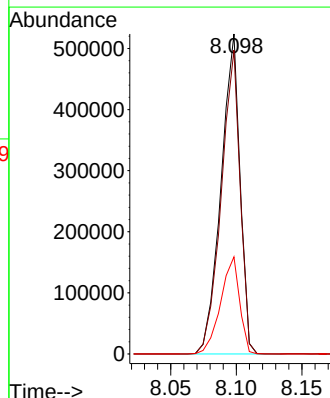
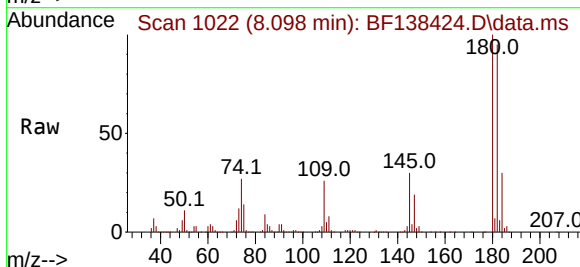
Tgt Ion:180 Resp: 526158

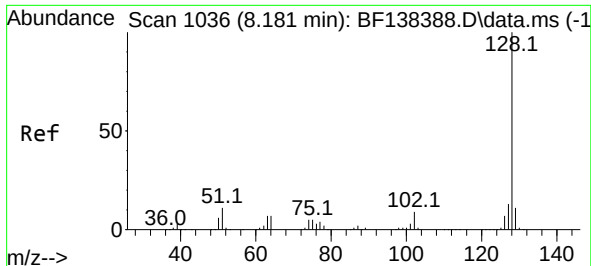
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 30.4 24.2 36.2

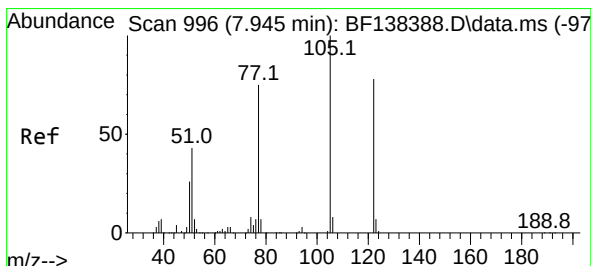
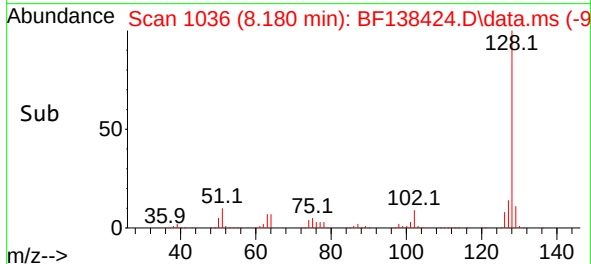
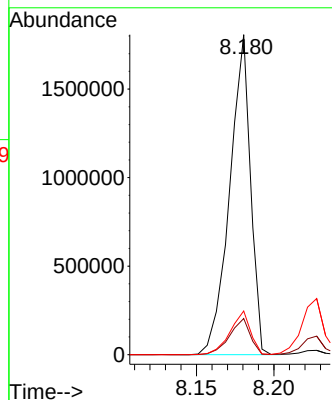
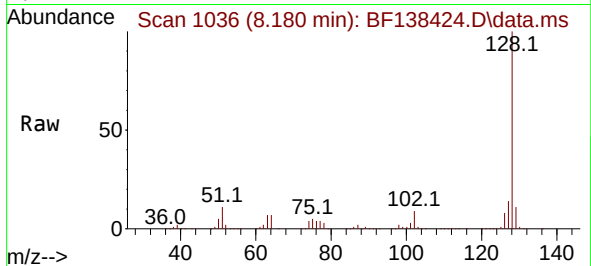




#31
Naphthalene
Concen: 40.534 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

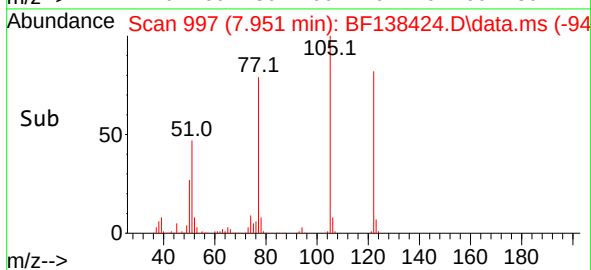
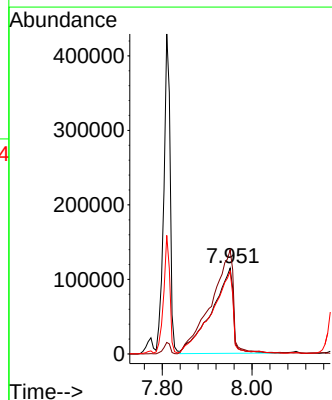
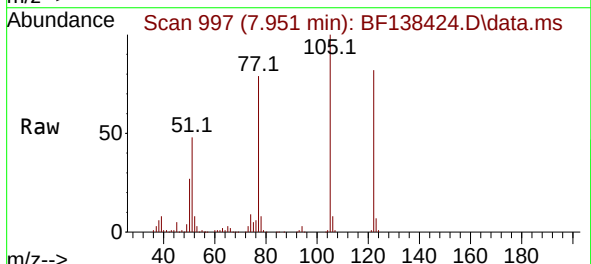
Instrument :
BNA_F
ClientSampleId :
PB161809BS

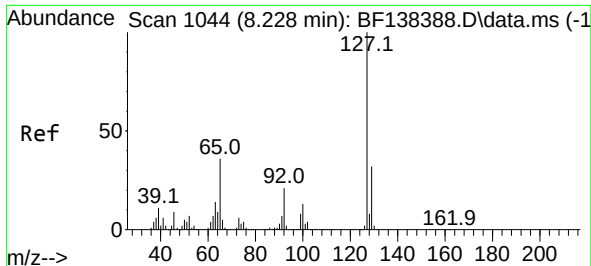
Tgt Ion:128 Resp: 1691051
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 47.610 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:122 Resp: 387867
Ion Ratio Lower Upper
122 100
105 121.3 103.8 143.8
77 96.4 74.3 114.3

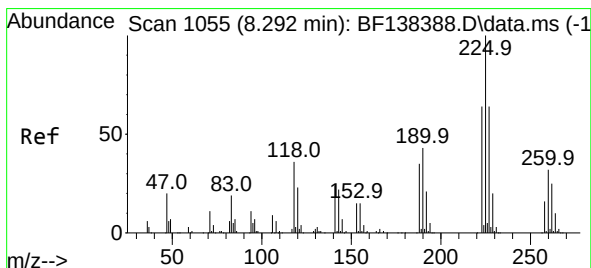
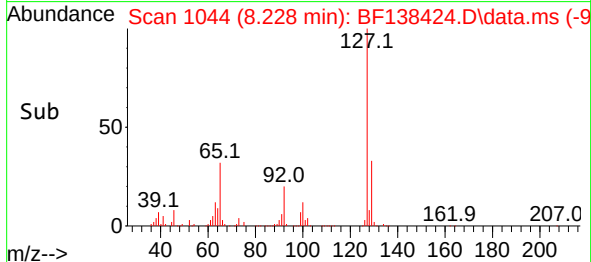
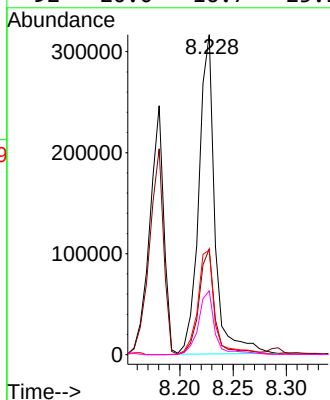
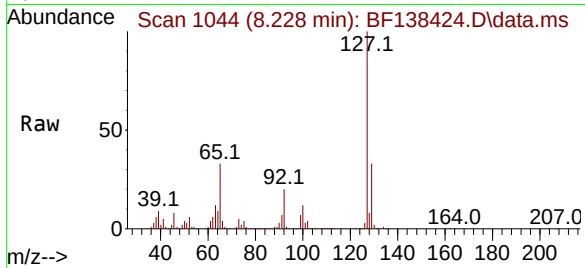




#33
4-Chloroaniline
Concen: 22.844 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

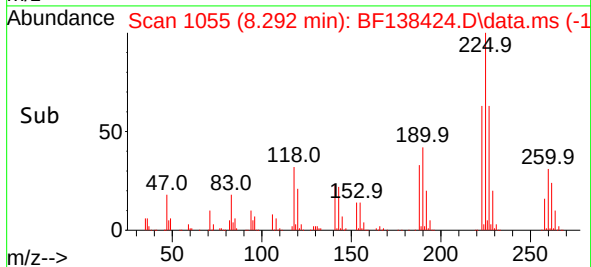
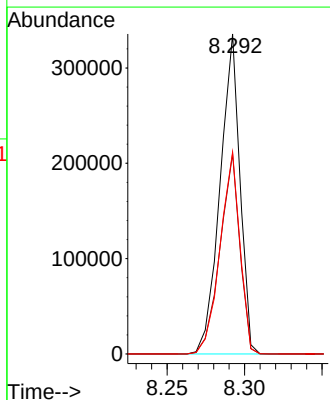
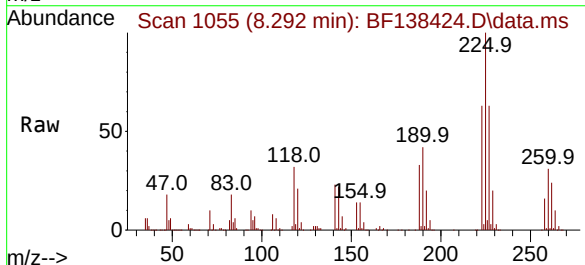
Instrument :
BNA_F
ClientSampleId :
PB161809BS

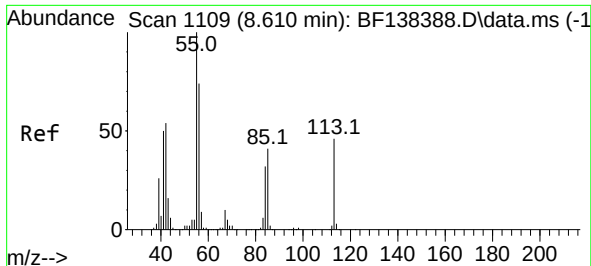
Tgt Ion:	127	Resp:	332841
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	32.7	28.7	43.1
92	20.0	16.7	25.1



#34
Hexachlorobutadiene
Concen: 37.372 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:	225	Resp:	298884
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	63.1	51.2	76.8

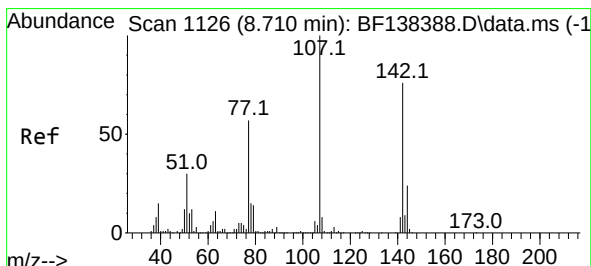
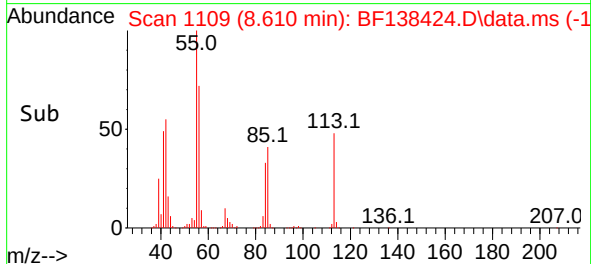
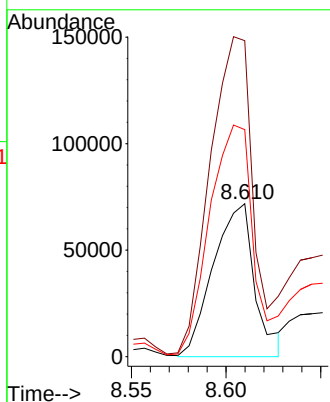
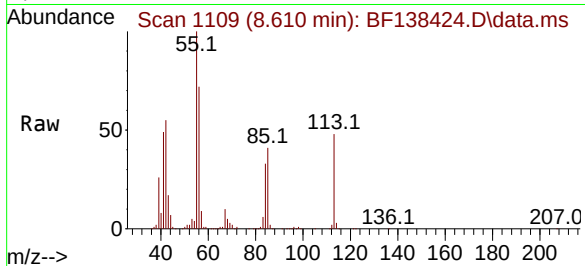




#35
Caprolactam
Concen: 30.221 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

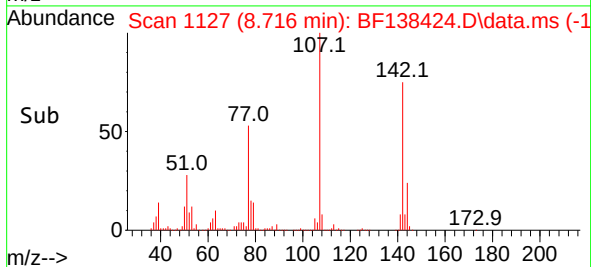
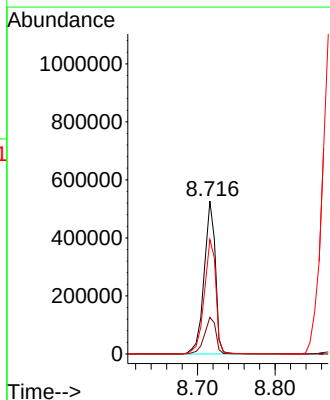
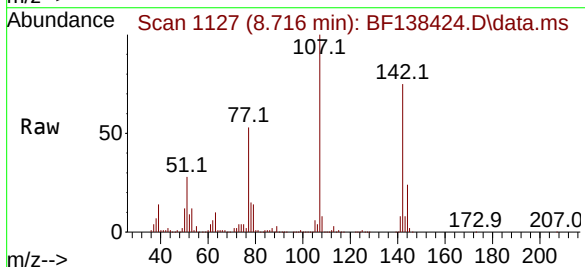
Instrument :
BNA_F
ClientSampleId :
PB161809BS

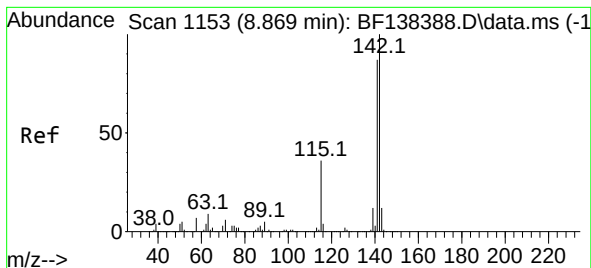
Tgt Ion:113 Resp: 109331
Ion Ratio Lower Upper
113 100
55 206.6 195.9 235.9
56 148.4 138.7 178.7



#36
4-Chloro-3-methylphenol
Concen: 43.513 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:107 Resp: 530984
Ion Ratio Lower Upper
107 100
144 24.0 19.2 28.8
142 74.9 61.0 91.6





#37

2-Methylnaphthalene

Concen: 40.407 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

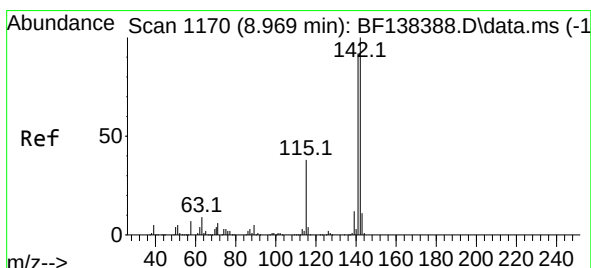
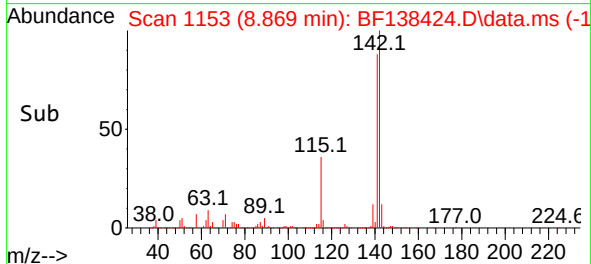
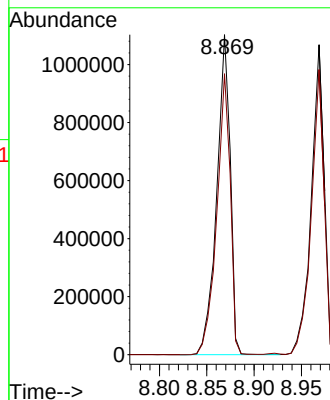
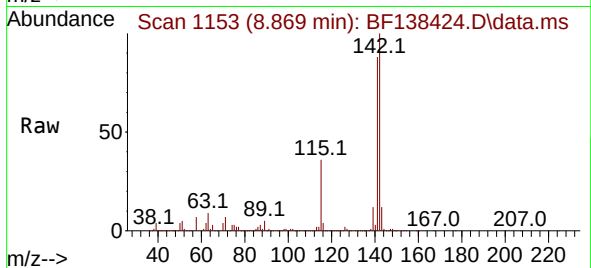
PB161809BS

Tgt Ion:142 Resp: 1089473

Ion Ratio Lower Upper

142 100

141 87.8 69.6 104.4



#38

1-Methylnaphthalene

Concen: 38.592 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF138424.D

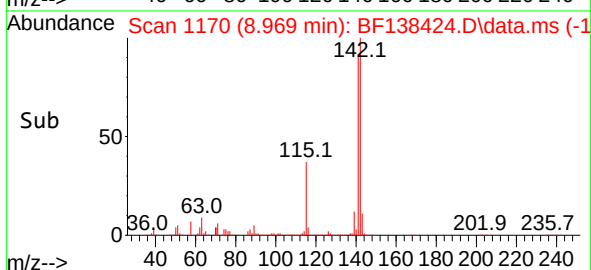
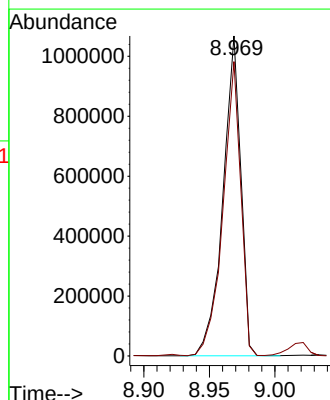
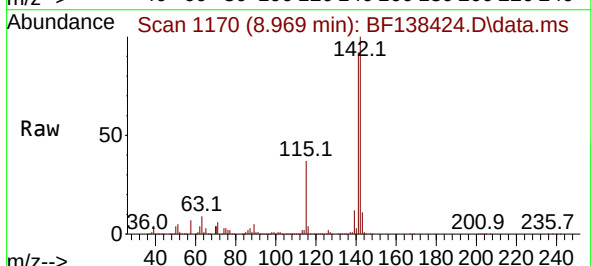
Acq: 02 Jul 2024 12:43

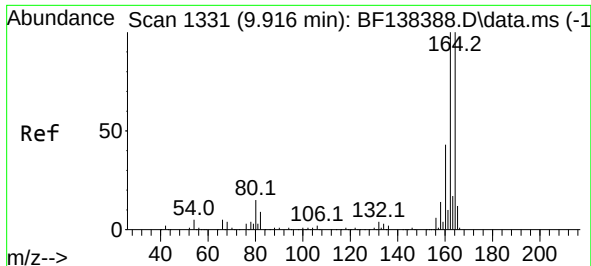
Tgt Ion:142 Resp: 1009124

Ion Ratio Lower Upper

142 100

141 92.0 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

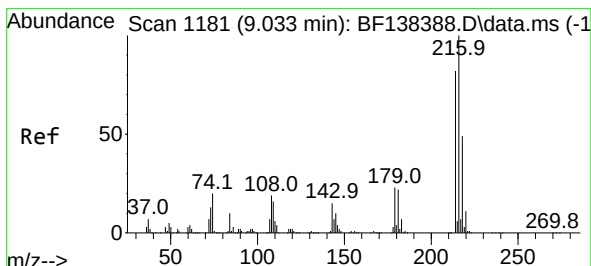
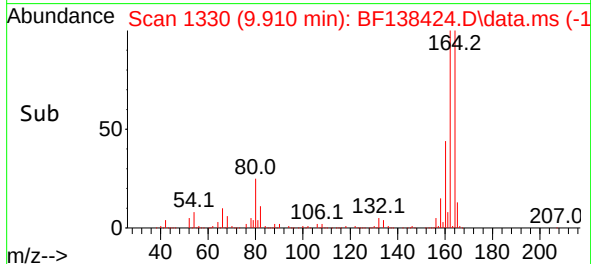
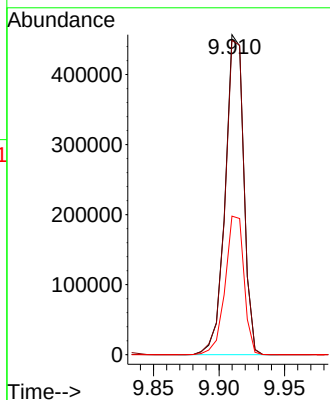
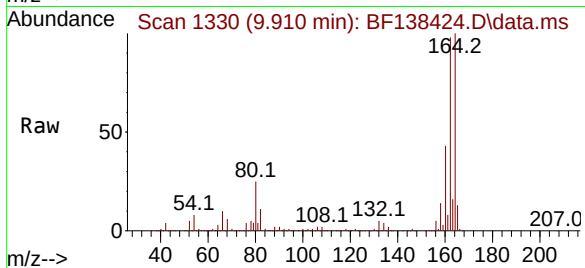
Tgt Ion:164 Resp: 449304

Ion Ratio Lower Upper

164 100

162 98.2 80.1 120.1

160 43.3 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.144 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Tgt Ion:216 Resp: 486479

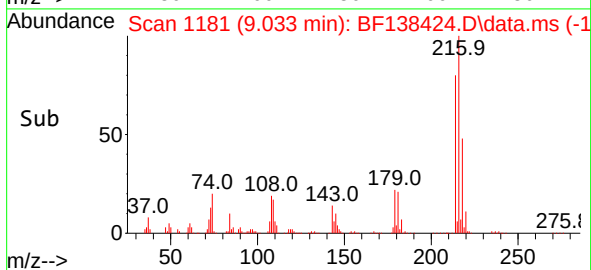
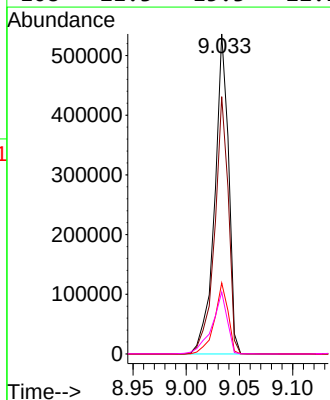
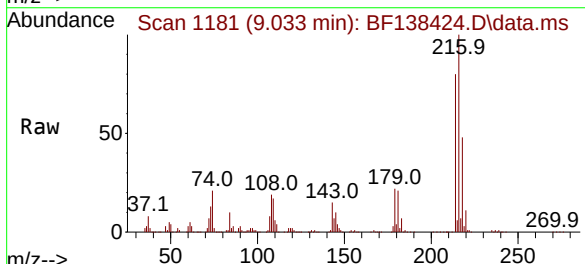
Ion Ratio Lower Upper

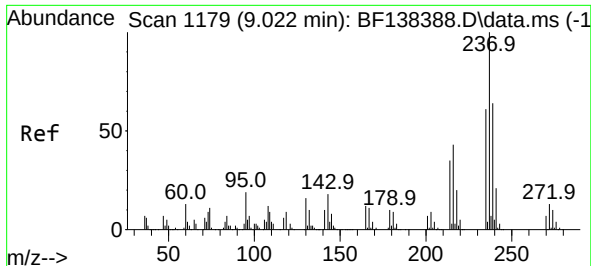
216 100

214 79.0 64.2 96.4

179 21.7 17.4 26.0

108 21.3 15.3 22.9

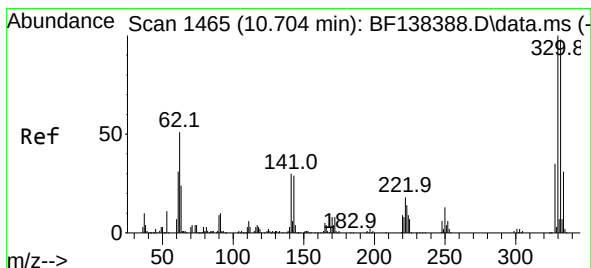
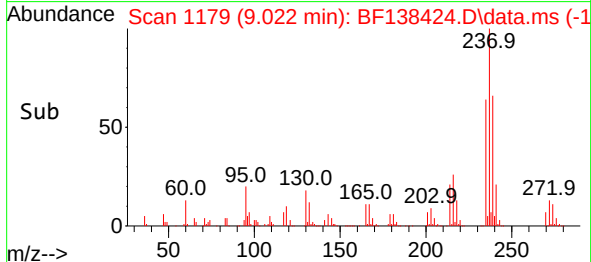
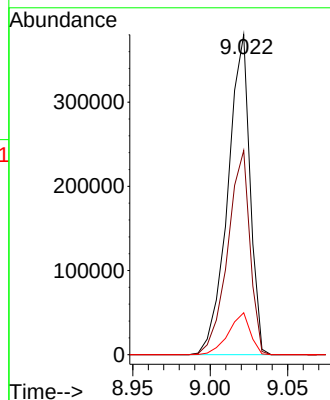
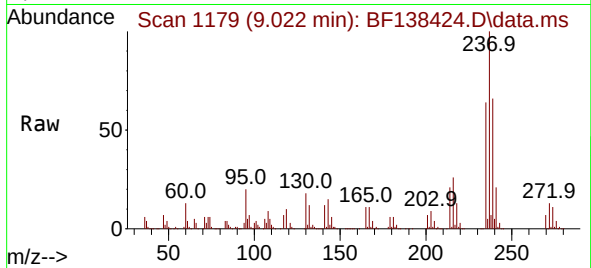




#41
Hexachlorocyclopentadiene
Concen: 103.283 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

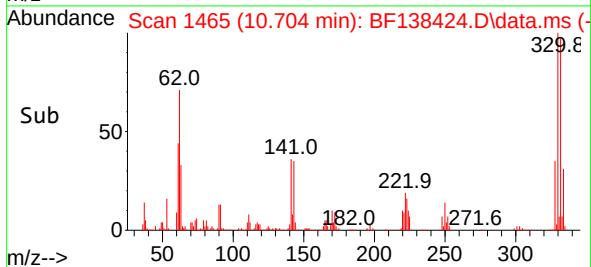
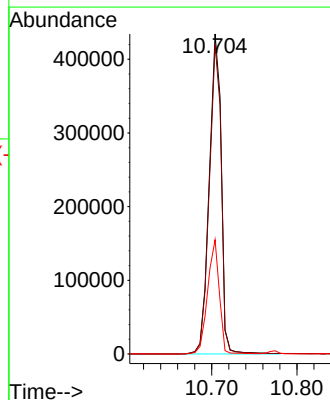
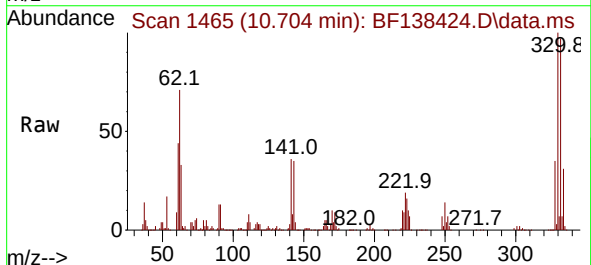
Instrument :
BNA_F
ClientSampleId :
PB161809BS

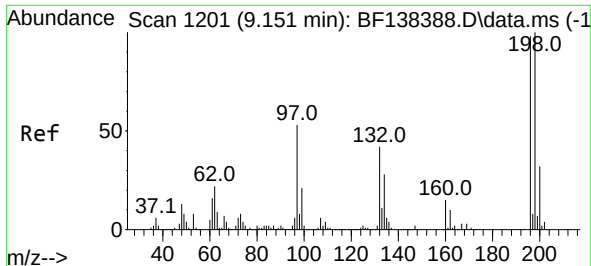
Tgt Ion:237 Resp: 377825
Ion Ratio Lower Upper
237 100
235 63.8 41.4 81.4
272 13.1 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 115.897 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:330 Resp: 425441
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 34.6 28.1 42.1

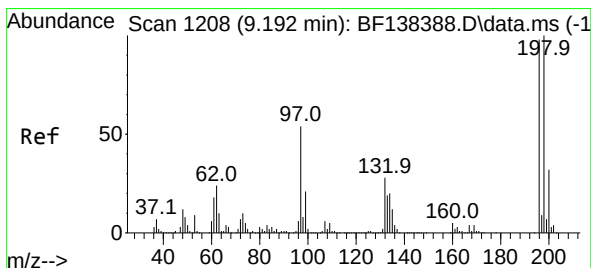
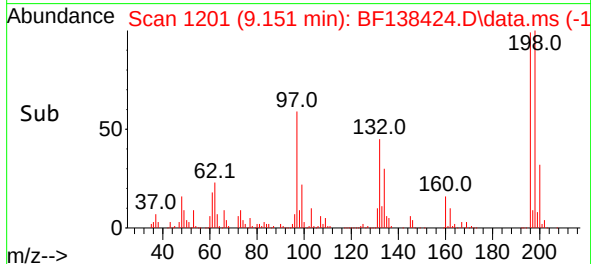
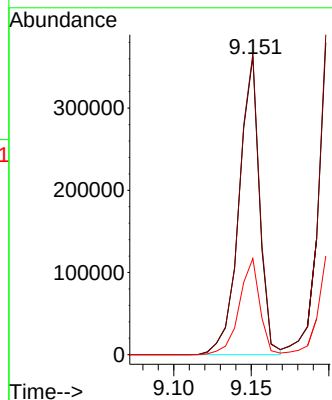
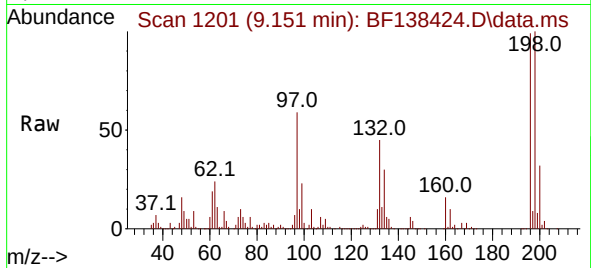




#43
2,4,6-Trichlorophenol
Concen: 42.007 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

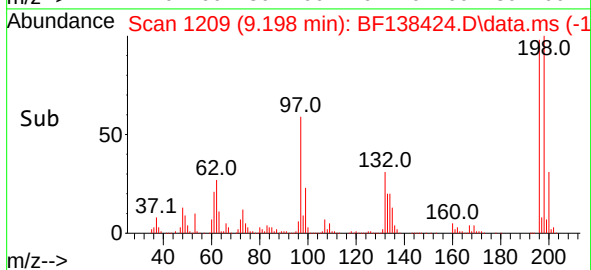
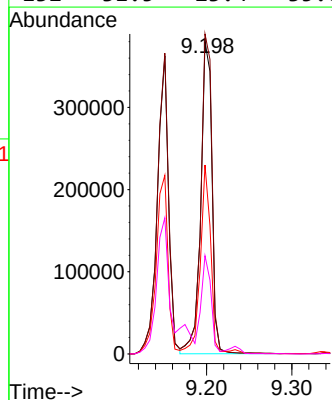
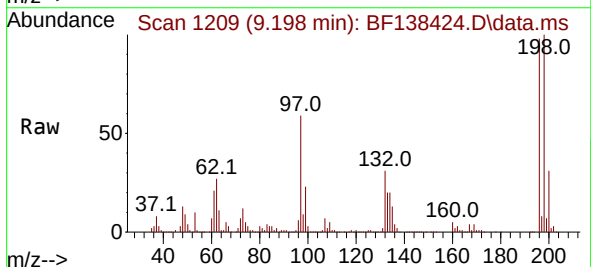
Instrument :
BNA_F
ClientSampleId :
PB161809BS

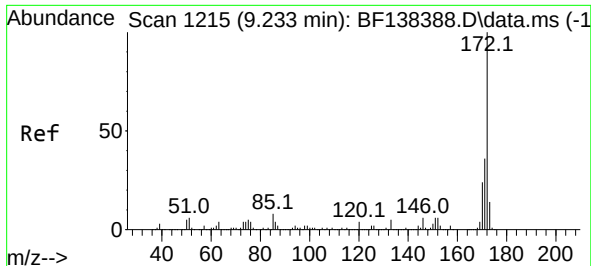
Tgt Ion:196 Resp: 332187
Ion Ratio Lower Upper
196 100
198 100.9 81.8 122.8
200 32.3 26.2 39.4



#44
2,4,5-Trichlorophenol
Concen: 40.445 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:196 Resp: 347839
Ion Ratio Lower Upper
196 100
198 102.5 81.8 122.6
97 60.5 44.2 66.4
132 31.5 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 72.773 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

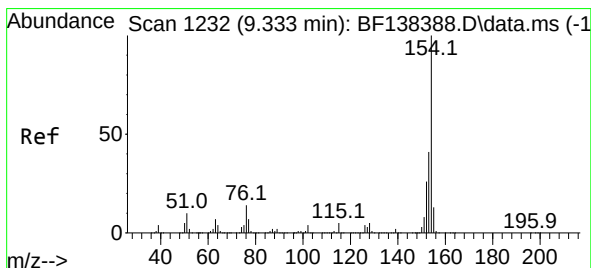
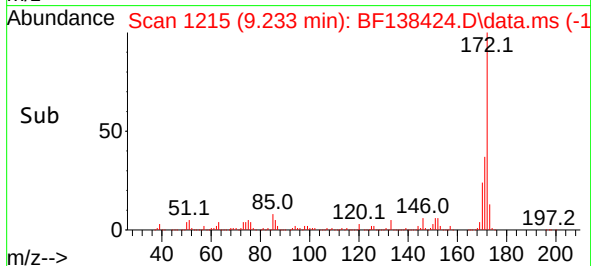
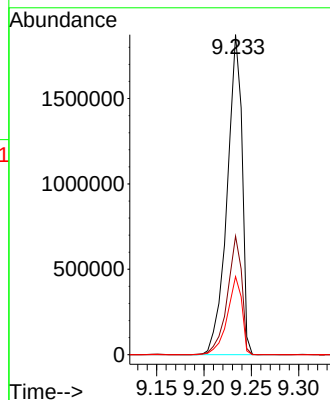
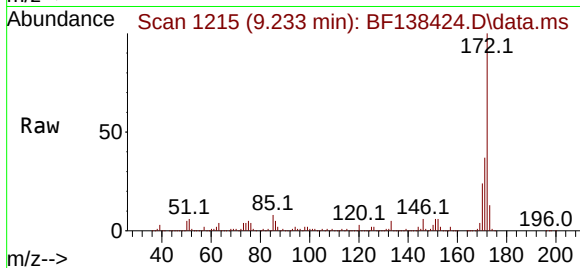
Tgt Ion:172 Resp: 2054541

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.4

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.162 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

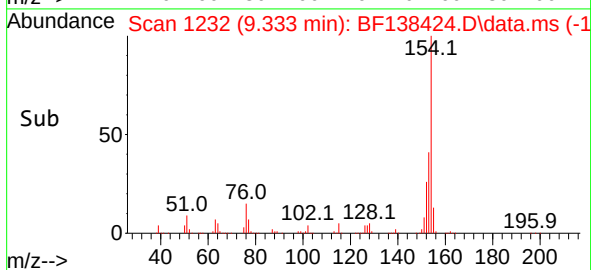
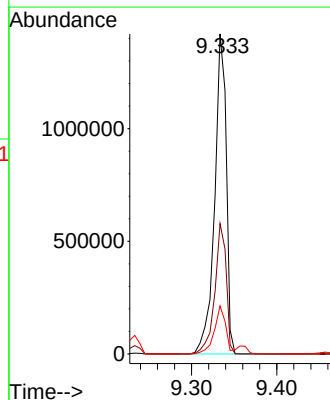
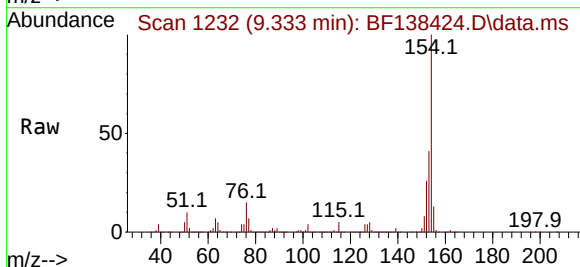
Tgt Ion:154 Resp: 1347356

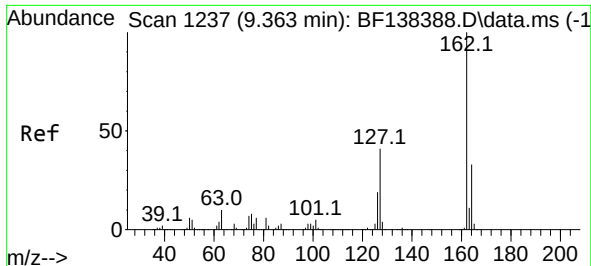
Ion Ratio Lower Upper

154 100

153 40.7 20.5 60.5

76 15.0 0.0 34.4





#47

2-Chloronaphthalene

Concen: 39.690 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

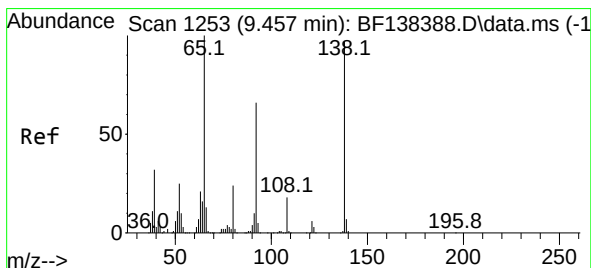
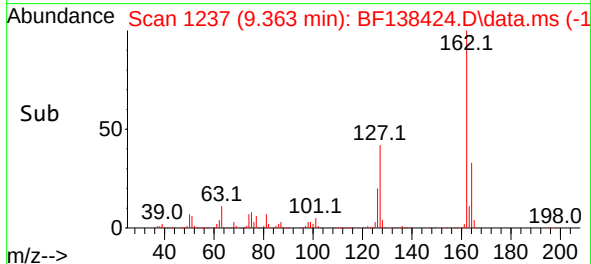
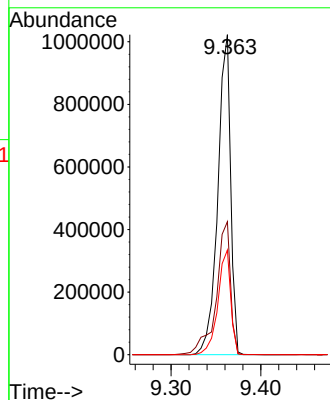
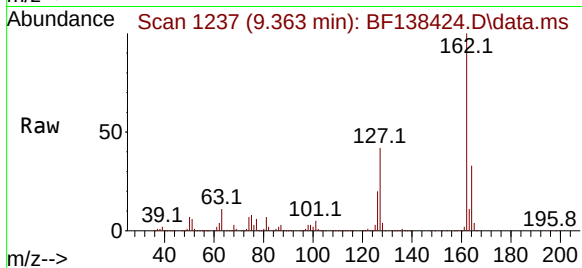
Tgt Ion:162 Resp: 1015207

Ion Ratio Lower Upper

162 100

127 41.6 32.7 49.1

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 46.377 ng

RT: 9.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

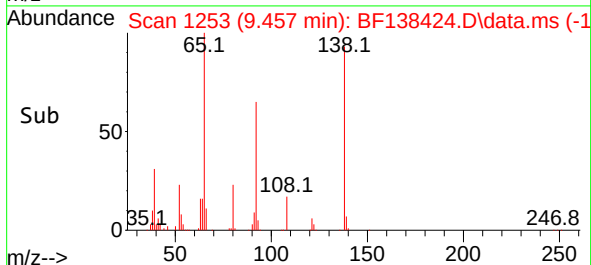
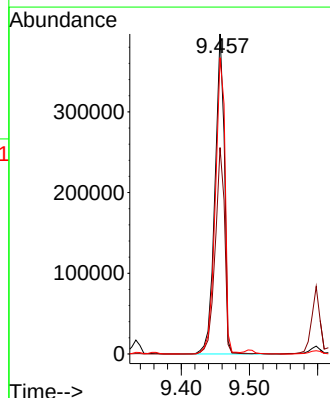
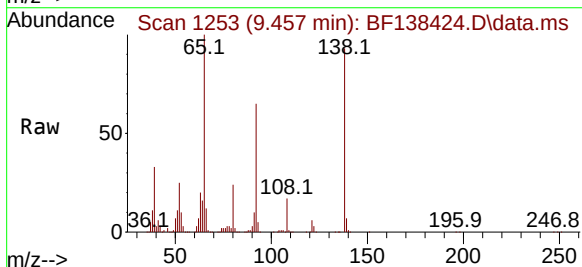
Tgt Ion: 65 Resp: 382653

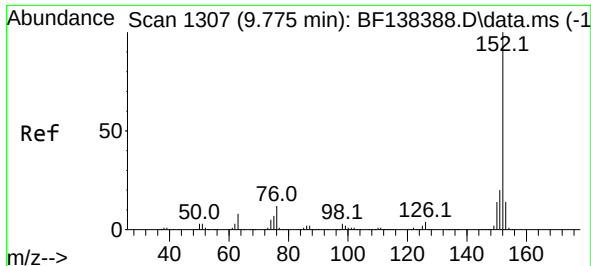
Ion Ratio Lower Upper

65 100

92 64.5 52.6 79.0

138 92.6 77.4 116.0





#49

Acenaphthylene

Concen: 43.909 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

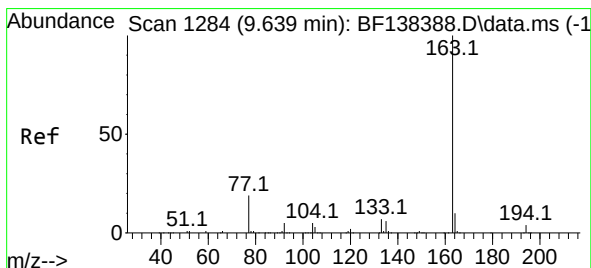
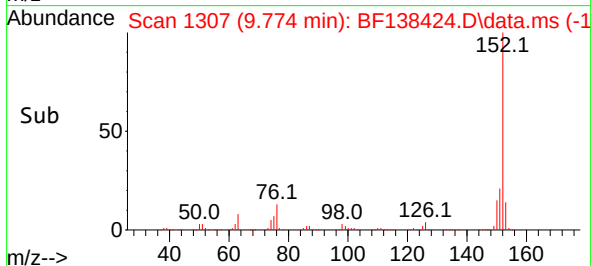
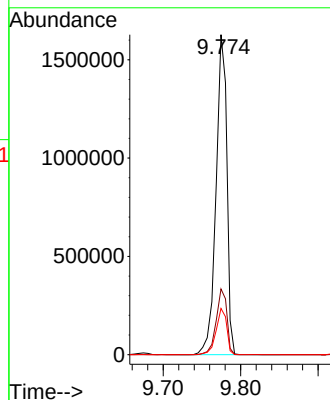
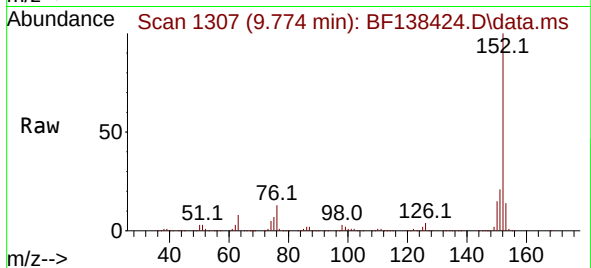
Tgt Ion:152 Resp: 1579560

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.4 11.4 17.2



#50

Dimethylphthalate

Concen: 41.775 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

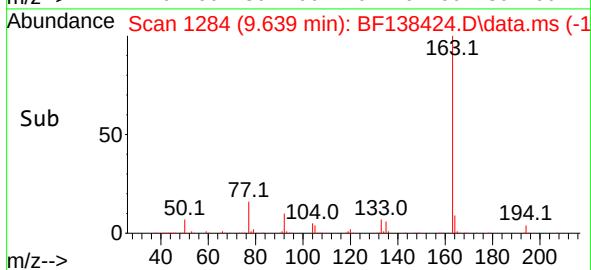
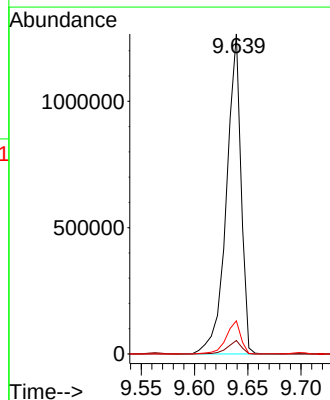
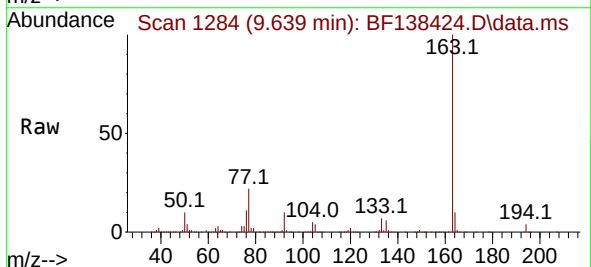
Tgt Ion:163 Resp: 1206302

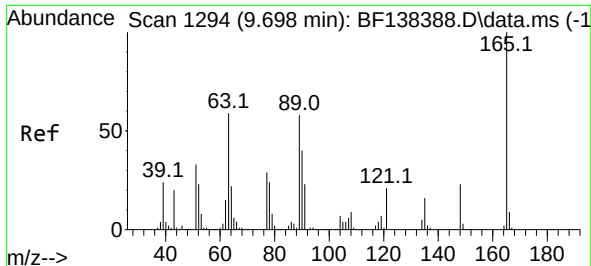
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.4 8.2 12.4

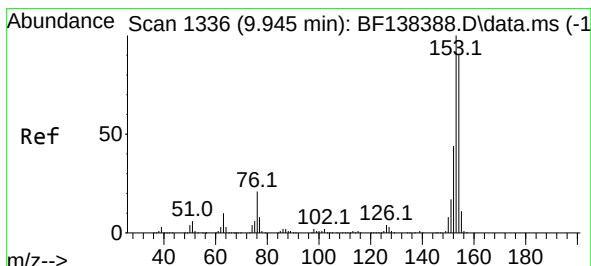
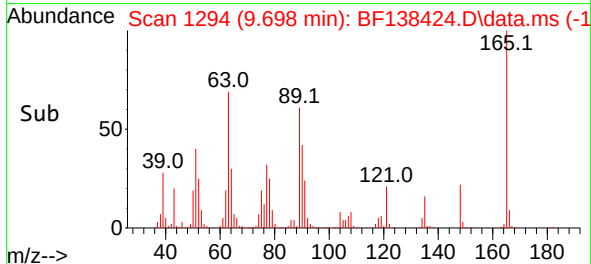
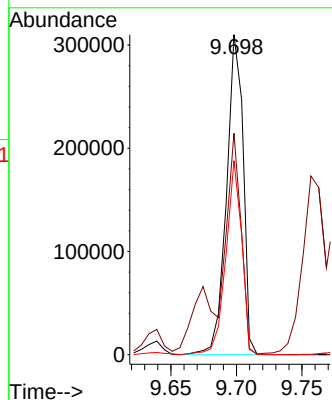
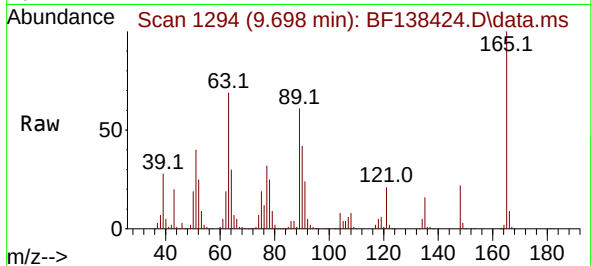




#51
2,6-Dinitrotoluene
Concen: 42.264 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

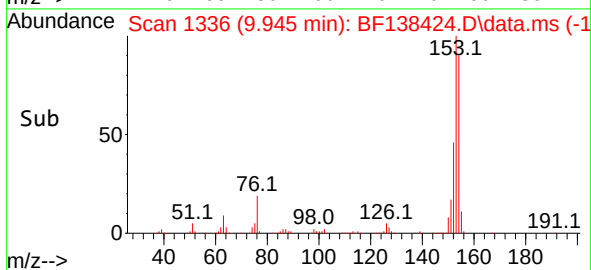
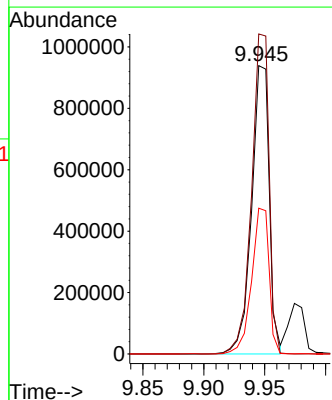
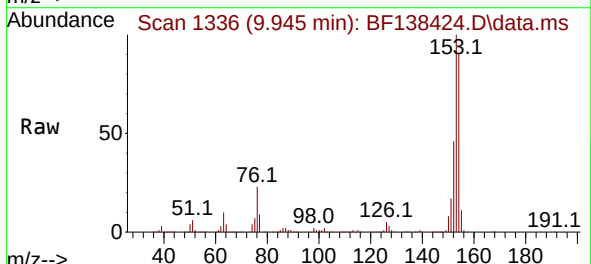
Instrument :
BNA_F
ClientSampleId :
PB161809BS

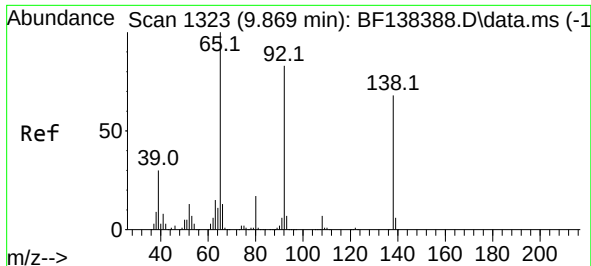
Tgt Ion:165 Resp: 273330
Ion Ratio Lower Upper
165 100
63 69.2 53.8 80.8
89 60.7 46.4 69.6



#52
Acenaphthene
Concen: 38.526 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:154 Resp: 948971
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 50.6 39.7 59.5

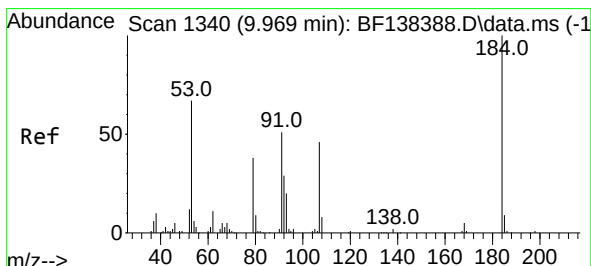
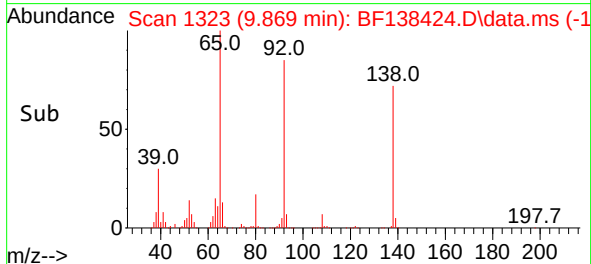
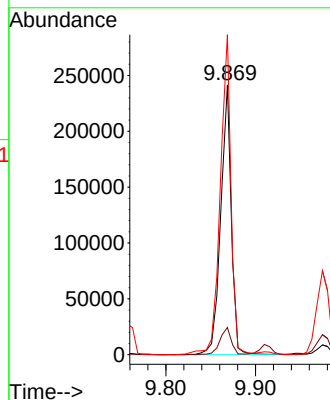
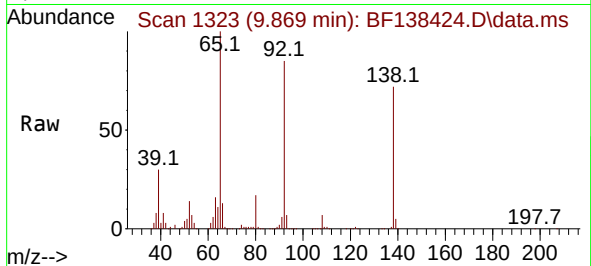




#53
3-Nitroaniline
Concen: 30.916 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

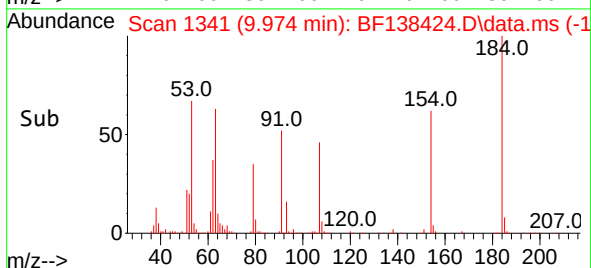
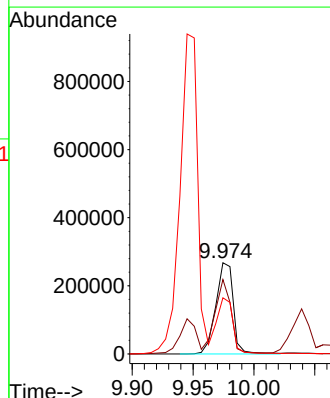
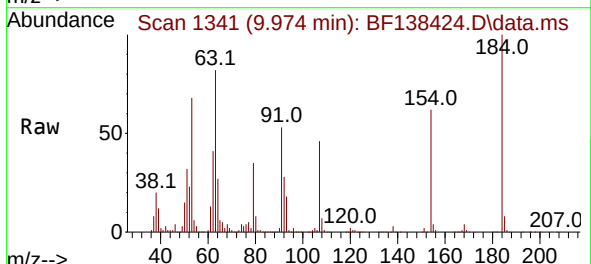
Instrument :
BNA_F
ClientSampleId :
PB161809BS

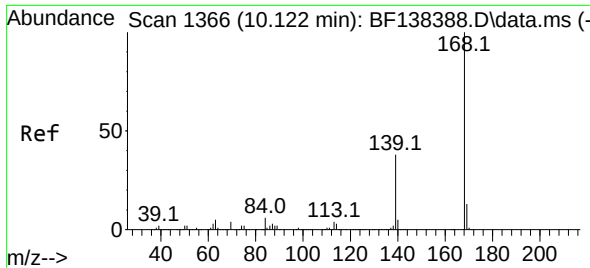
Tgt Ion:138 Resp: 197470
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 118.6 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 96.080 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:184 Resp: 268344
Ion Ratio Lower Upper
184 100
63 81.5 67.3 100.9
154 61.6 51.0 76.4

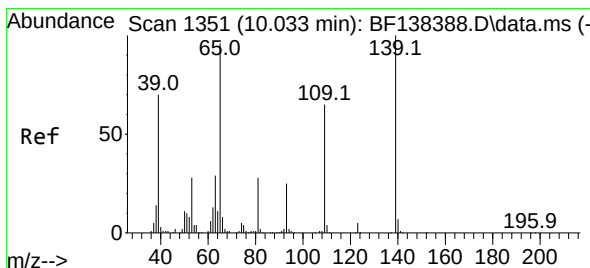
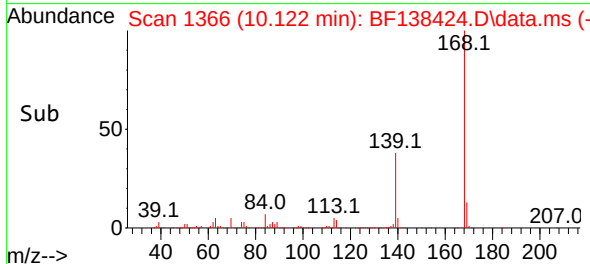
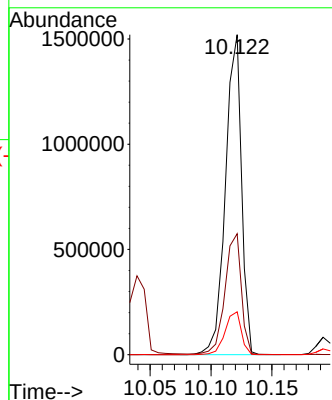
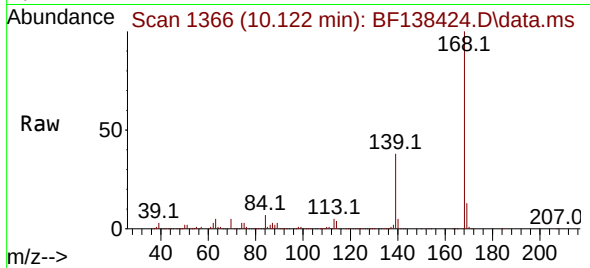




#55
Dibenzenofuran
Concen: 41.086 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

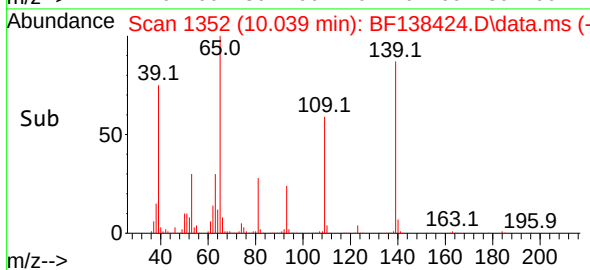
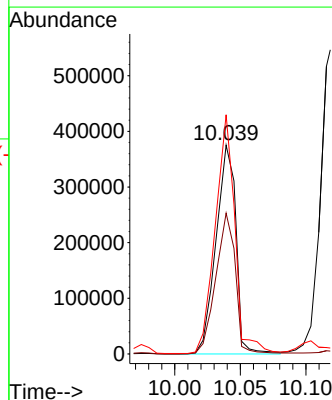
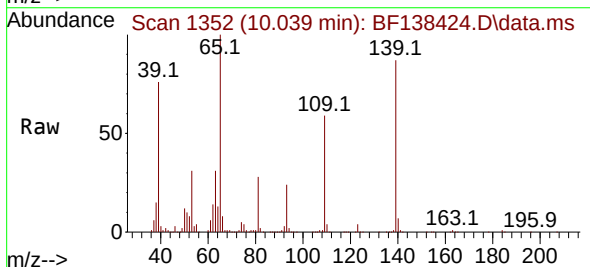
Instrument :
BNA_F
ClientSampleId :
PB161809BS

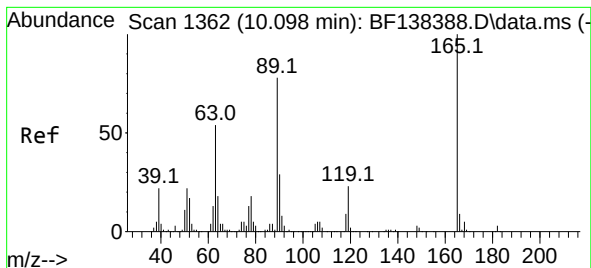
Tgt Ion:168 Resp: 1394399
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 95.679 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:139 Resp: 396243
Ion Ratio Lower Upper
139 100
109 67.4 44.6 84.6
65 114.6 75.9 115.9

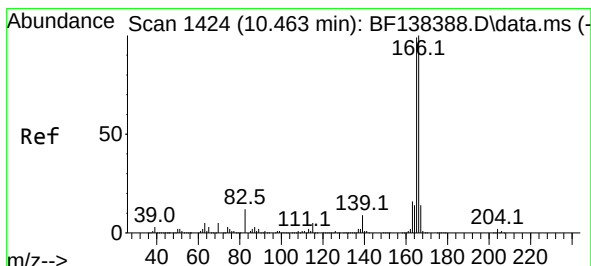
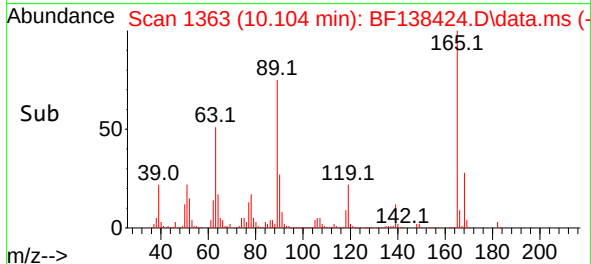
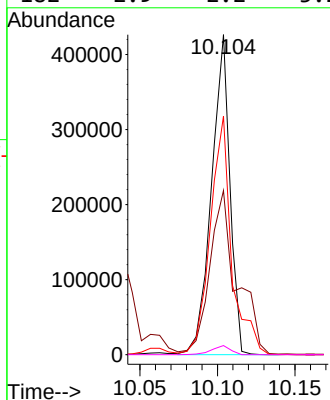
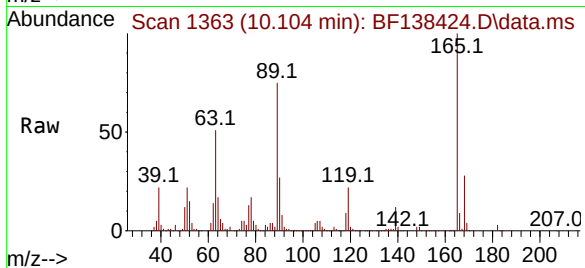




#57
2,4-Dinitrotoluene
Concen: 44.222 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

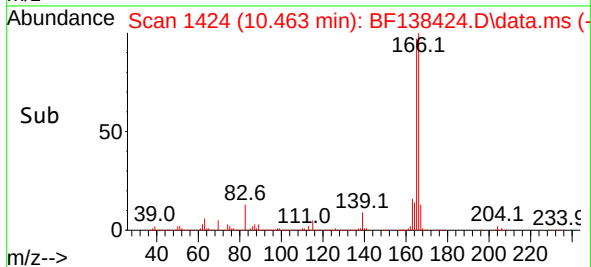
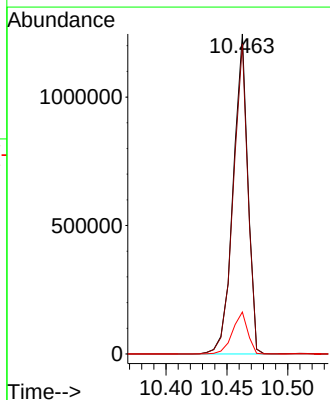
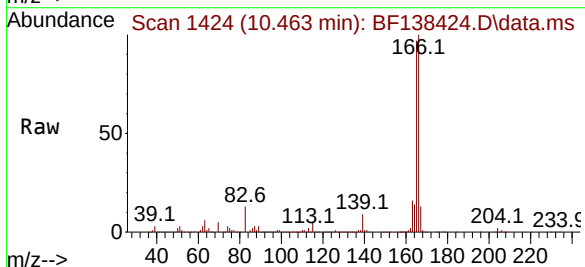
Instrument :
BNA_F
ClientSampleId :
PB161809BS

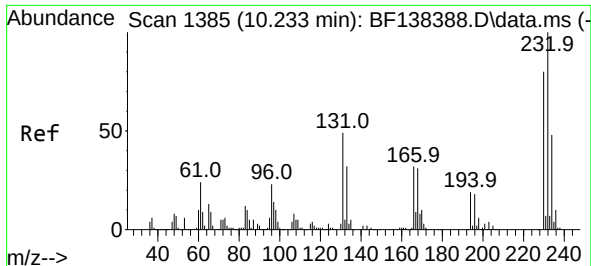
Tgt Ion:165 Resp: 352131
Ion Ratio Lower Upper
165 100
63 51.3 43.4 65.2
89 74.5 62.6 93.8
182 2.9 2.2 3.2



#58
Fluorene
Concen: 38.751 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:166 Resp: 1045011
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 13.1 10.8 16.2

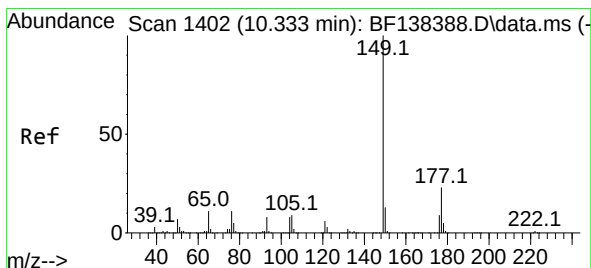
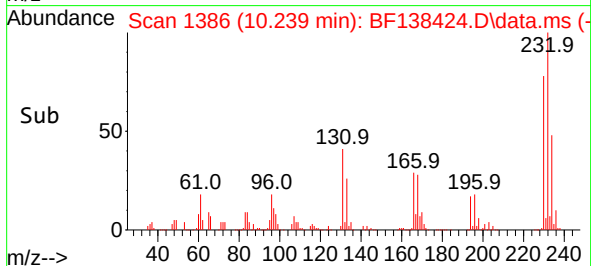
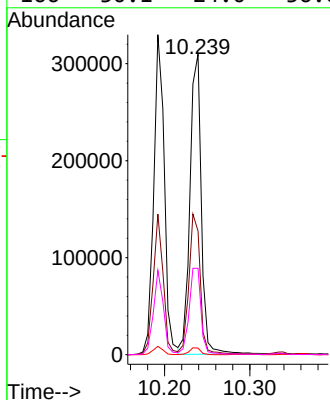
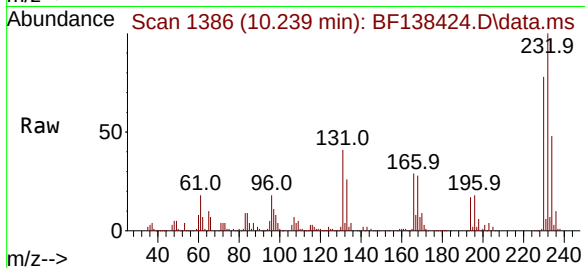




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.876 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

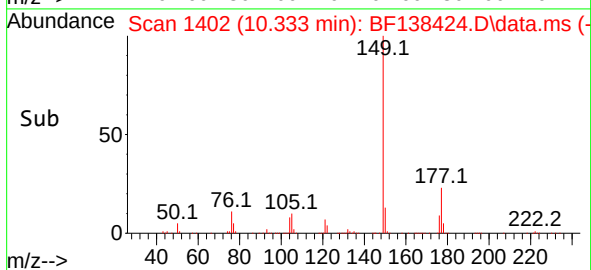
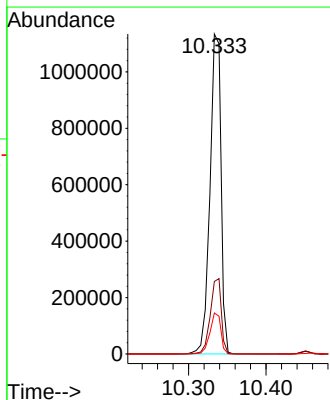
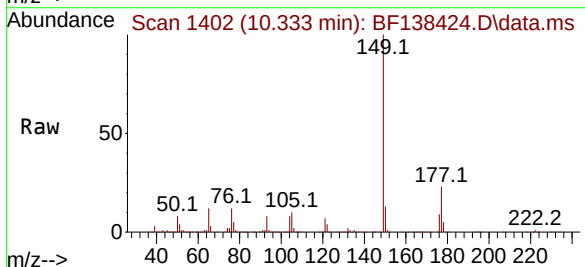
Instrument :
BNA_F
ClientSampleId :
PB161809BS

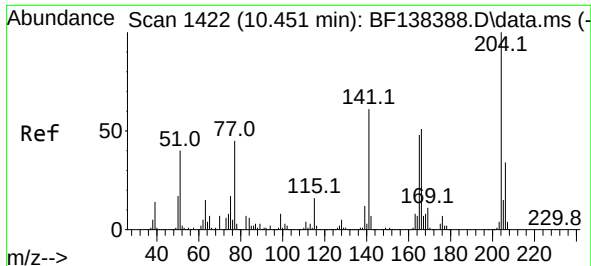
Tgt Ion:232 Resp: 286664
Ion Ratio Lower Upper
232 100
131 45.7 36.6 55.0
130 2.3 1.8 2.8
166 30.1 24.0 36.0



#60
Diethylphthalate
Concen: 41.758 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:149 Resp: 1127356
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.8 10.2 15.2

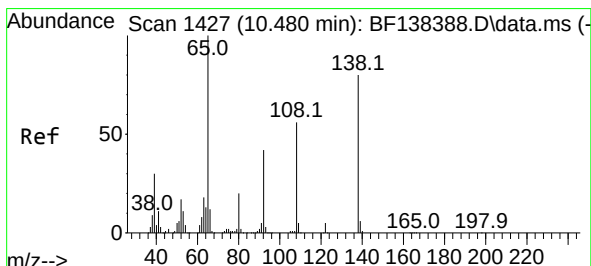
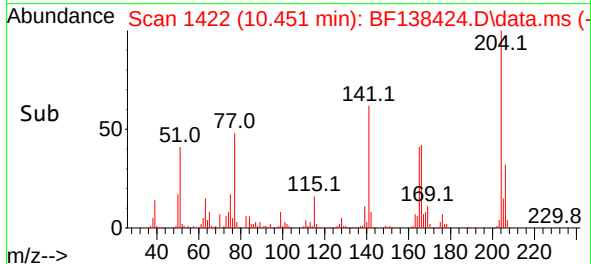
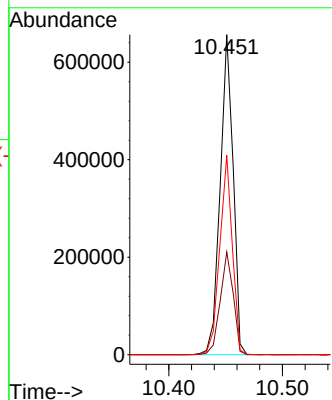
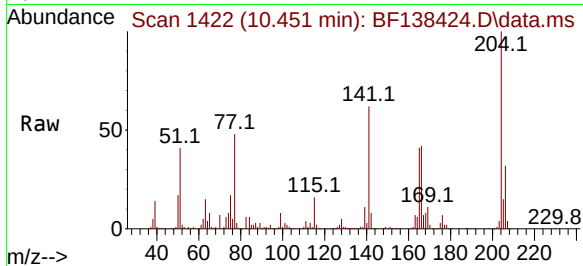




#61
4-Chlorophenyl-phenylether
Concen: 38.080 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

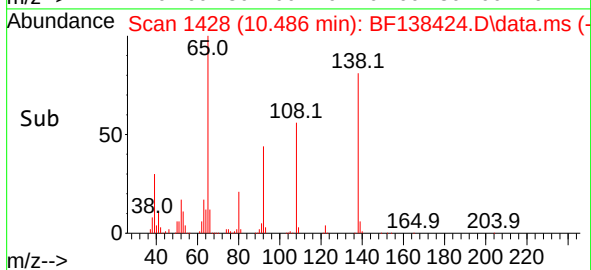
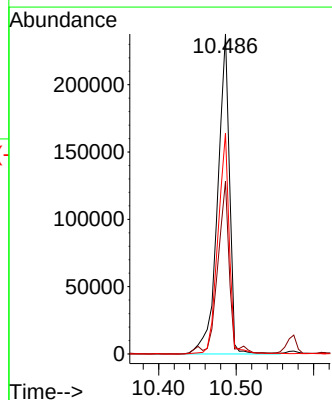
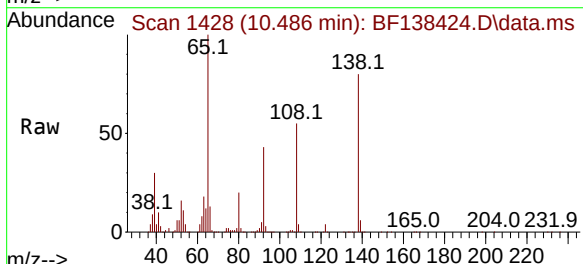
Instrument :
BNA_F
ClientSampleId :
PB161809BS

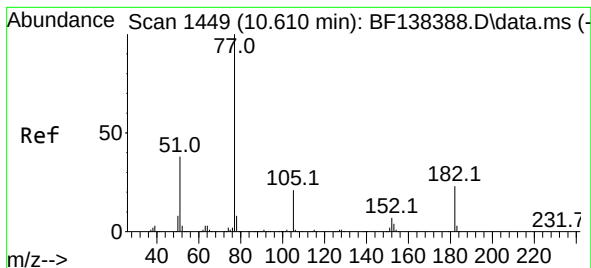
Tgt Ion:204 Resp: 521032
Ion Ratio Lower Upper
204 100
206 32.1 27.1 40.7
141 62.3 48.4 72.6



#62
4-Nitroaniline
Concen: 43.301 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:138 Resp: 253861
Ion Ratio Lower Upper
138 100
92 54.0 32.6 72.6
108 69.0 50.3 90.3

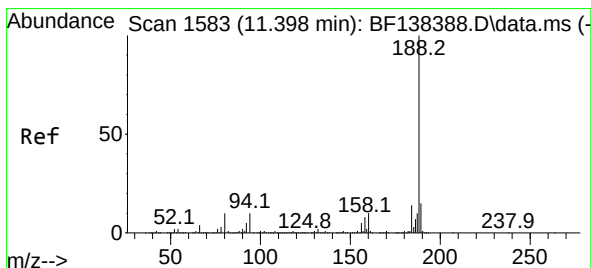
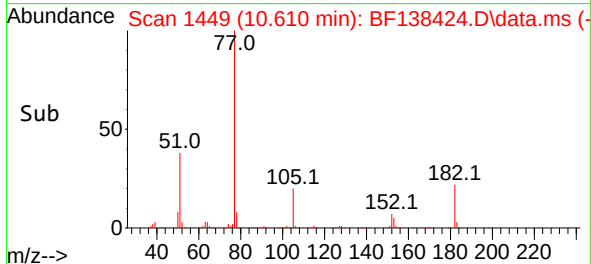
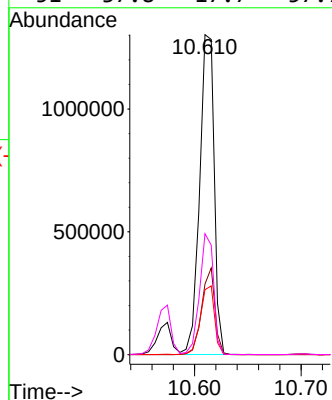
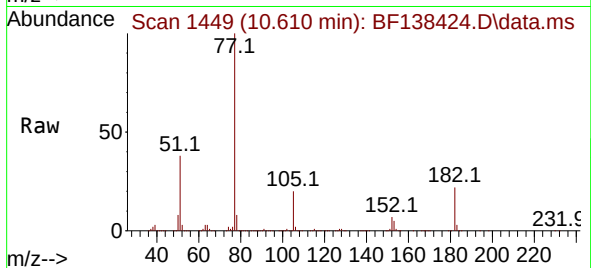




#63
Azobenzene
Concen: 43.571 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

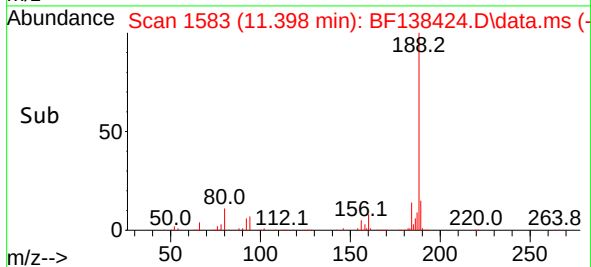
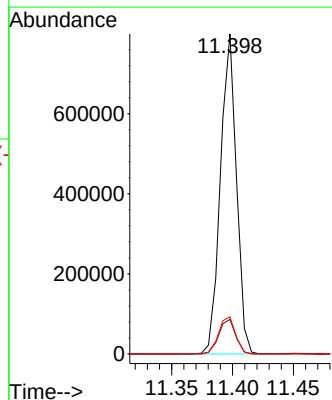
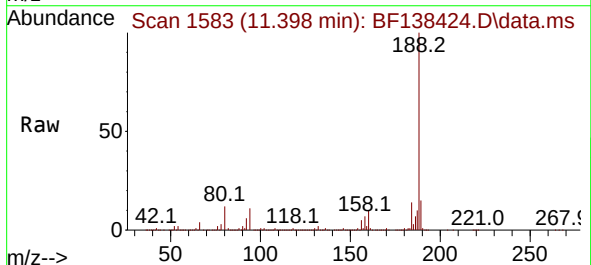
Instrument :
BNA_F
ClientSampleId :
PB161809BS

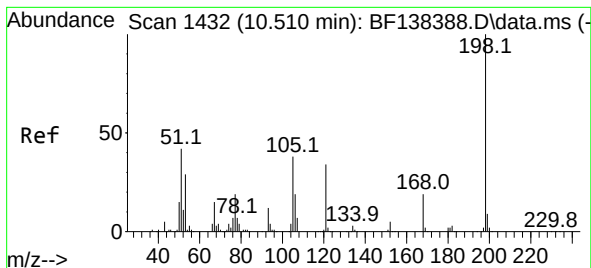
Tgt Ion: 77 Resp: 1242282
Ion Ratio Lower Upper
77 100
182 22.1 2.7 42.7
105 20.3 0.6 40.6
51 37.8 17.7 57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion: 188 Resp: 733046
Ion Ratio Lower Upper
188 100
94 10.8 8.0 12.0
80 11.6 8.2 12.4

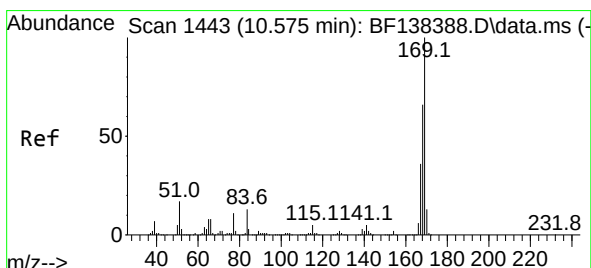
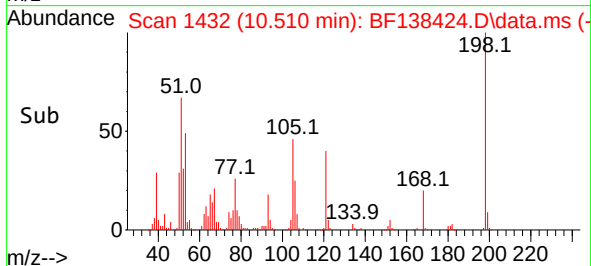
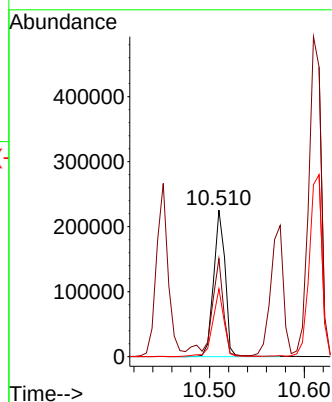
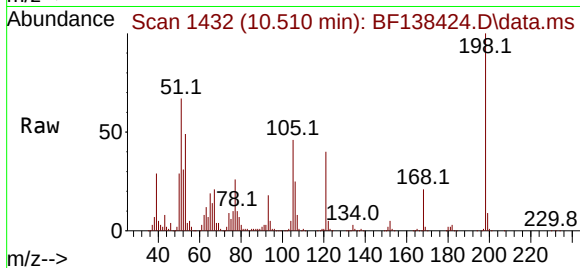




#65
4,6-Dinitro-2-methylphenol
Concen: 48.196 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

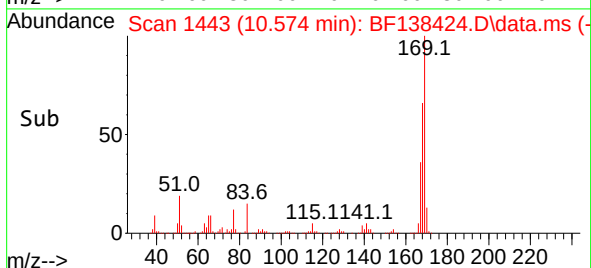
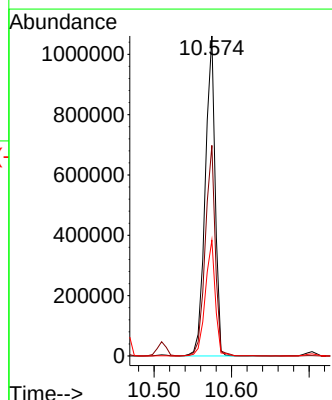
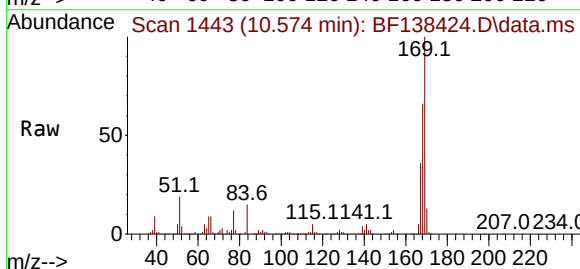
Instrument :
BNA_F
ClientSampleId :
PB161809BS

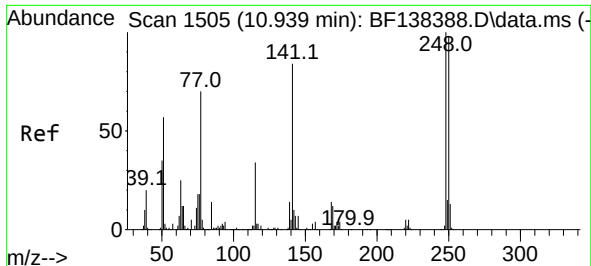
Tgt Ion:198 Resp: 189276
Ion Ratio Lower Upper
198 100
51 66.9 27.9 67.9
105 46.3 18.2 58.2



#66
n-Nitrosodiphenylamine
Concen: 41.399 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:169 Resp: 942119
Ion Ratio Lower Upper
169 100
168 65.8 52.5 78.7
167 36.2 28.8 43.2

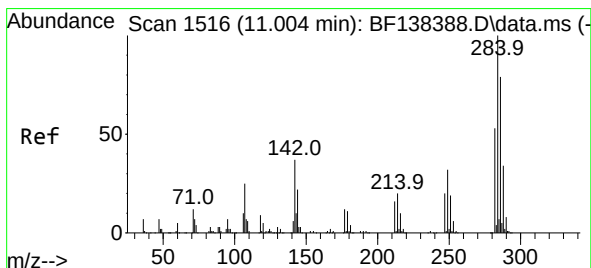
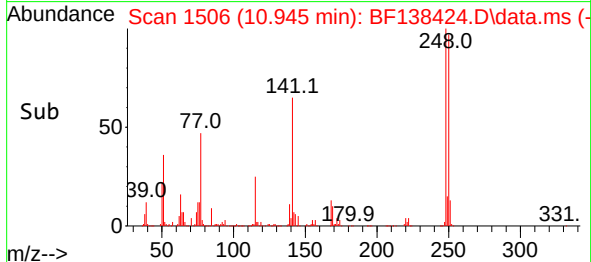
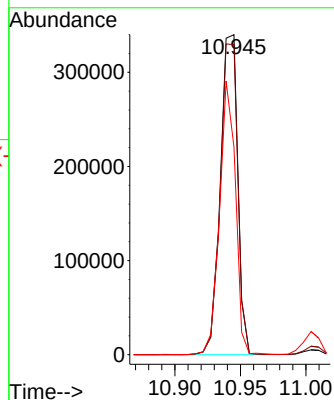
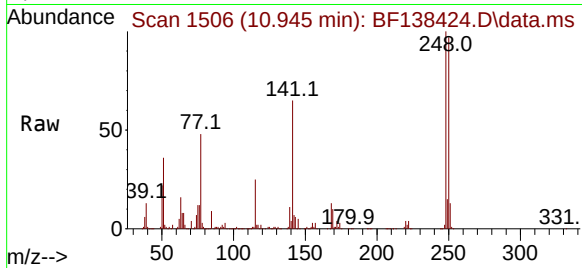




#67
4-Bromophenyl-phenylether
Concen: 39.949 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

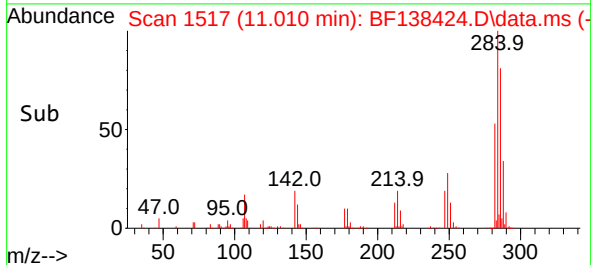
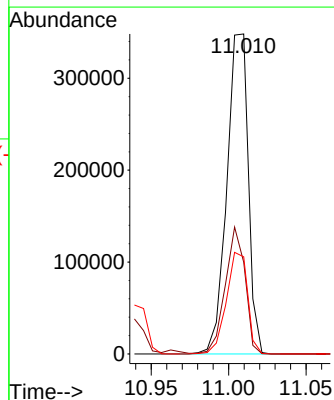
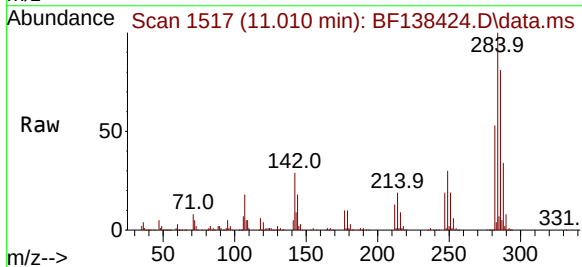
Instrument :
BNA_F
ClientSampleId :
PB161809BS

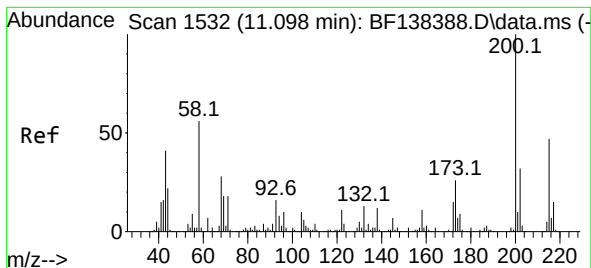
Tgt Ion:248 Resp: 314766
Ion Ratio Lower Upper
248 100
250 96.9 78.2 117.4
141 64.8 67.6 101.4#



#68
Hexachlorobenzene
Concen: 38.667 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:284 Resp: 335807
Ion Ratio Lower Upper
284 100
142 28.7 29.2 43.8#
249 30.4 25.8 38.6





#69

Atrazine

Concen: 43.115 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

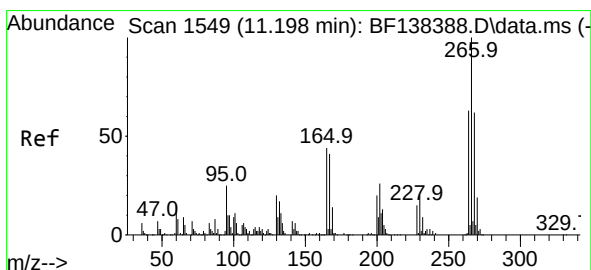
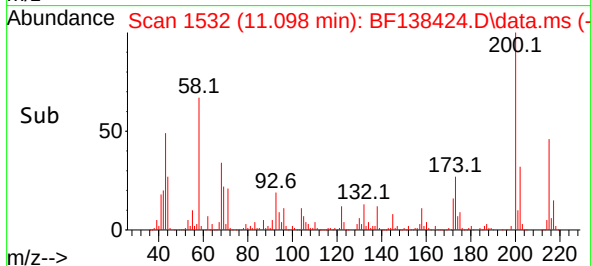
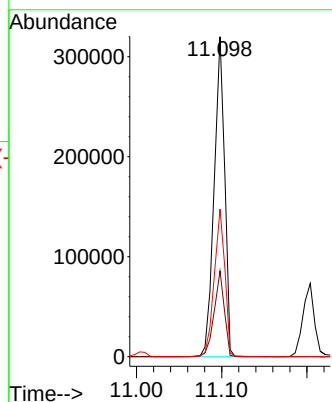
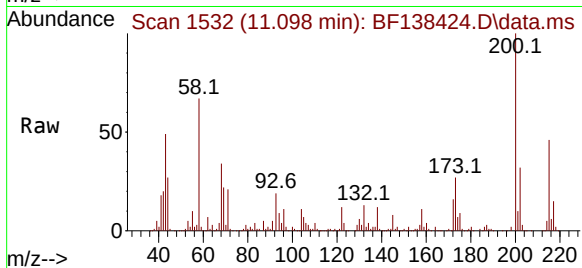
Tgt Ion:200 Resp: 275104

Ion Ratio Lower Upper

200 100

173 26.8 6.2 46.2

215 46.1 27.4 67.4



#70

Pentachlorophenol

Concen: 84.751 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

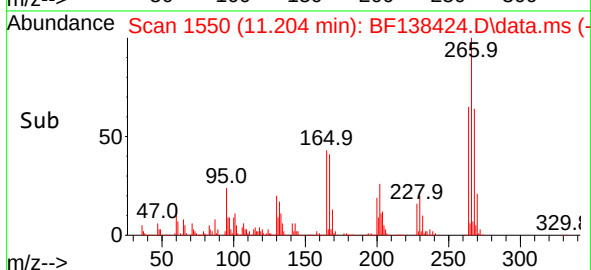
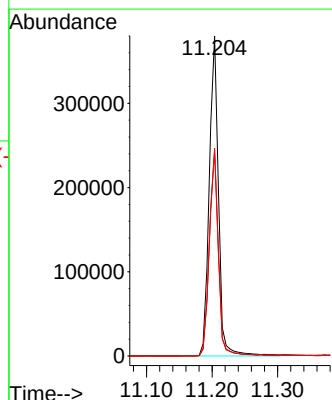
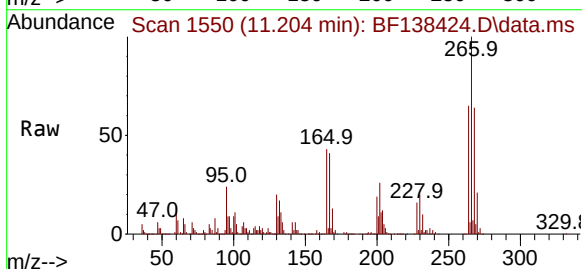
Tgt Ion:266 Resp: 373567

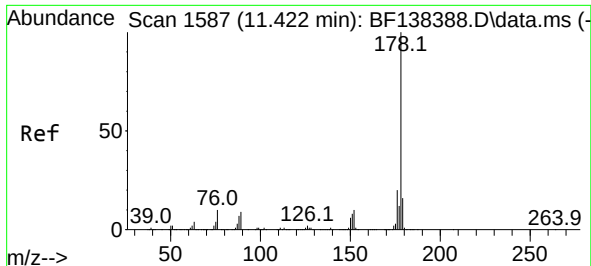
Ion Ratio Lower Upper

266 100

268 64.4 49.9 74.9

264 64.8 50.0 75.0

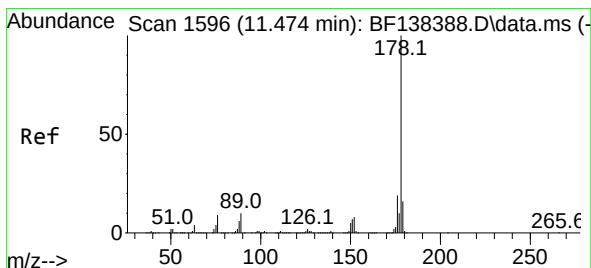
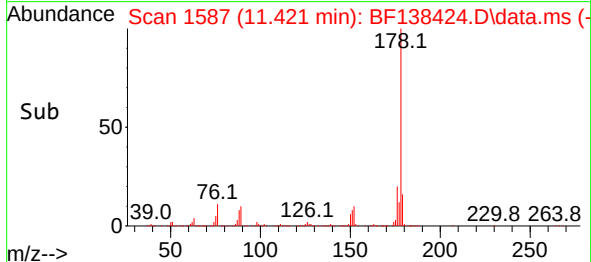
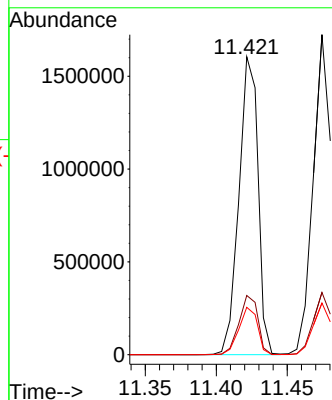
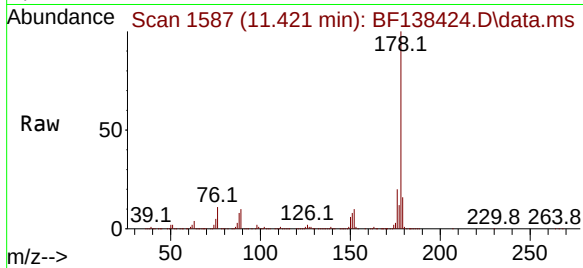




#71
Phenanthrene
Concen: 42.043 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

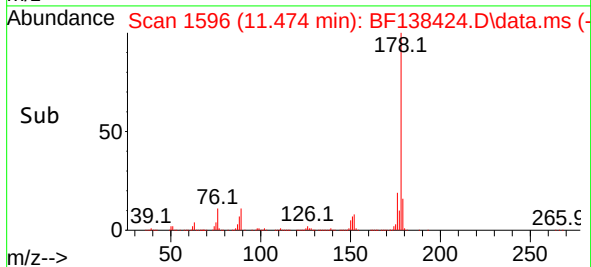
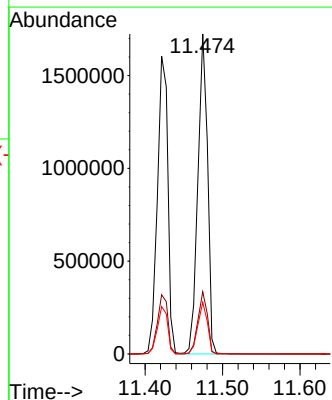
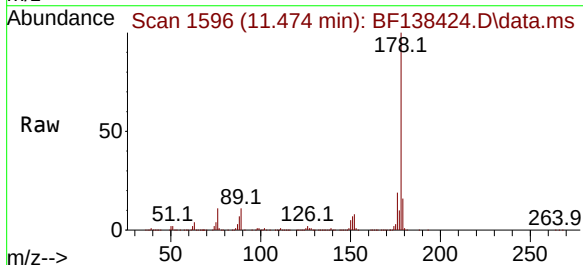
Instrument :
BNA_F
ClientSampleId :
PB161809BS

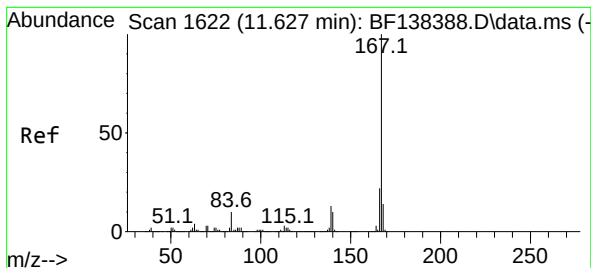
Tgt Ion:178 Resp: 1504729
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 15.9 12.6 18.8



#72
Anthracene
Concen: 42.032 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:178 Resp: 1500226
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 16.2 12.7 19.1





#73

Carbazole

Concen: 42.334 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

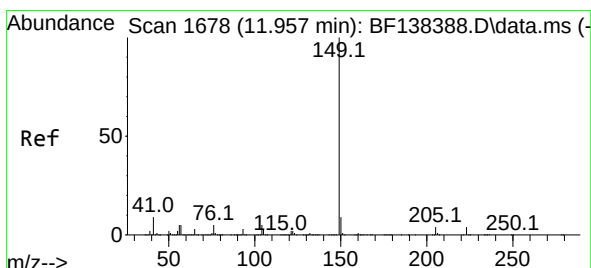
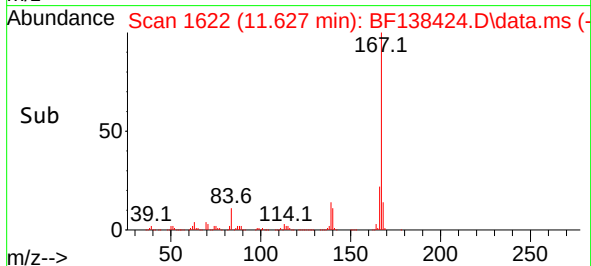
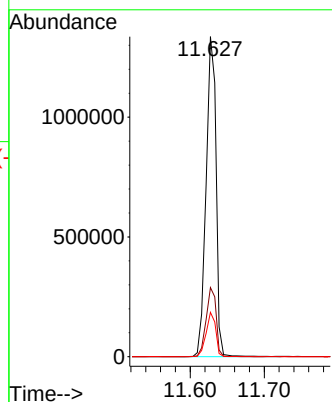
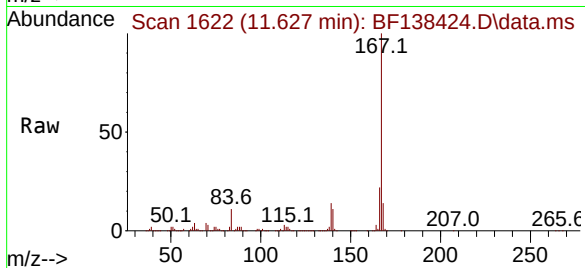
Tgt Ion:167 Resp: 1254459

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

139 13.9 10.7 16.1



#74

Di-n-butylphthalate

Concen: 42.171 ng

RT: 11.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

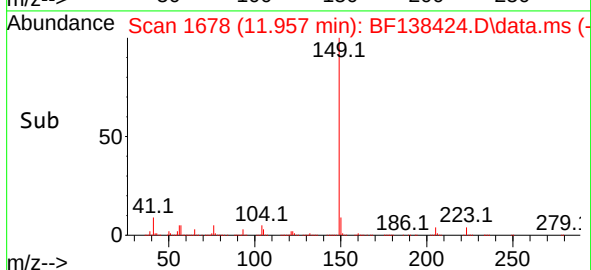
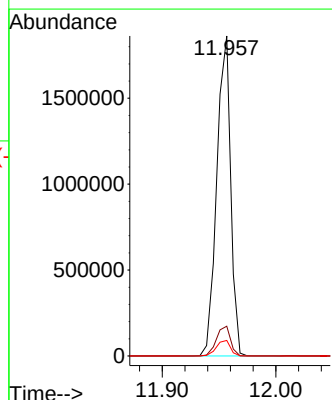
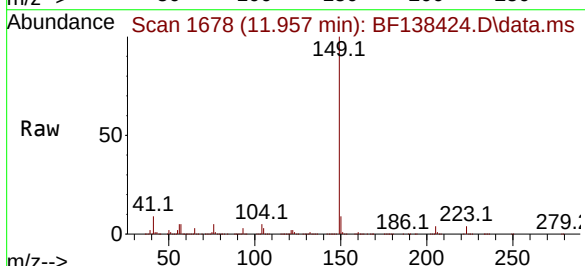
Tgt Ion:149 Resp: 1583663

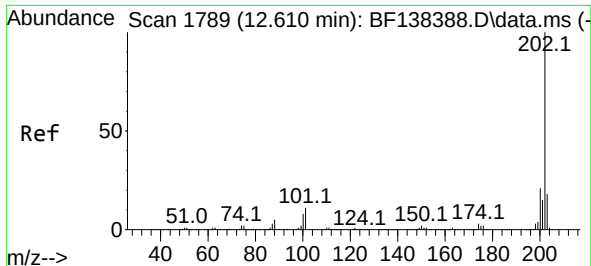
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.8 3.8 5.8

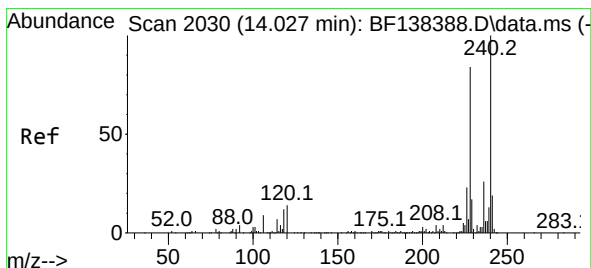
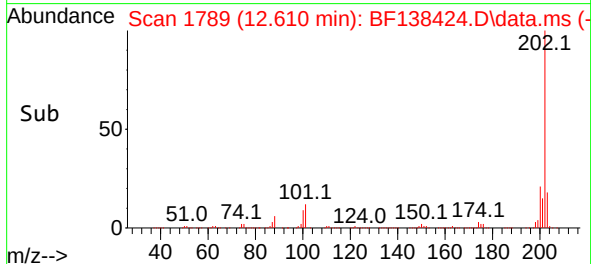
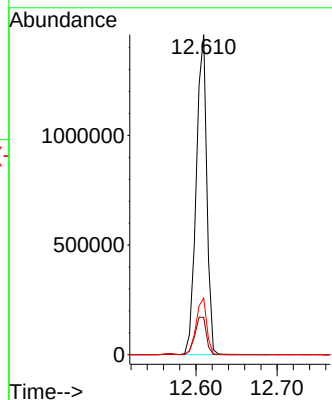
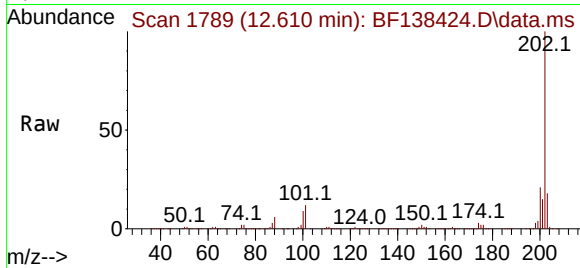




#75
Fluoranthene
Concen: 41.246 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

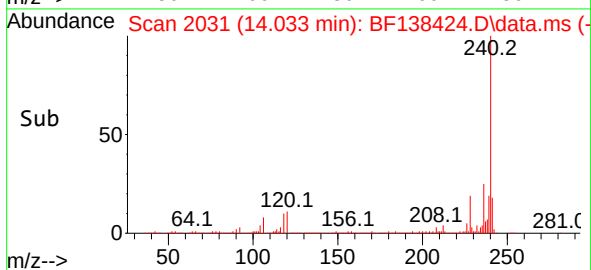
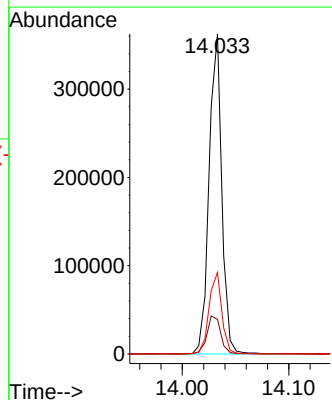
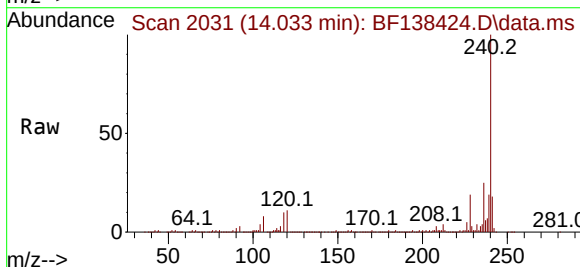
Instrument :
BNA_F
ClientSampleId :
PB161809BS

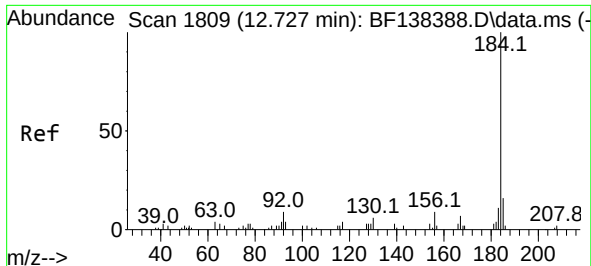
Tgt Ion:202 Resp: 1323448
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.5
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:240 Resp: 301632
Ion Ratio Lower Upper
240 100
120 10.8 10.9 16.3#
236 25.5 20.6 30.8

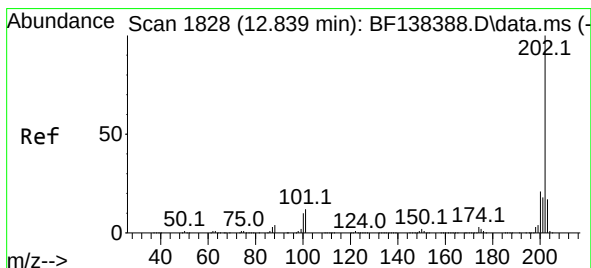
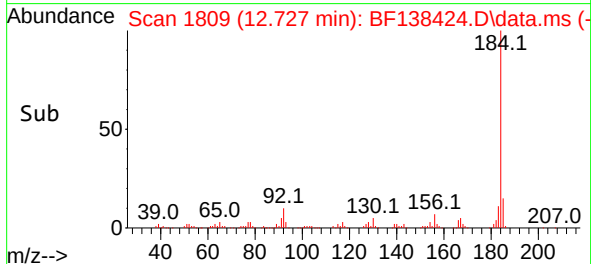
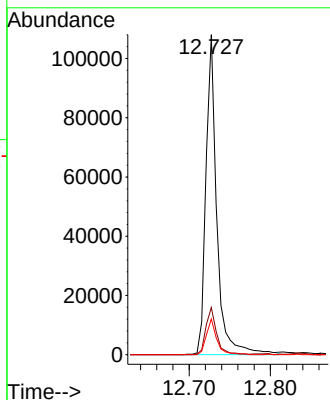
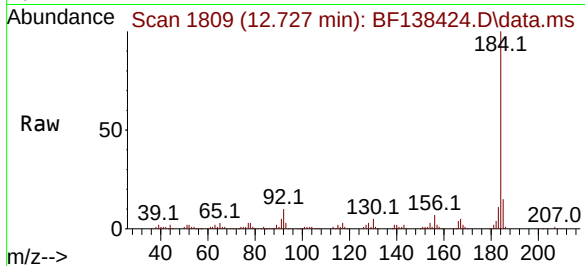




#77
Benzidine
Concen: 41.708 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

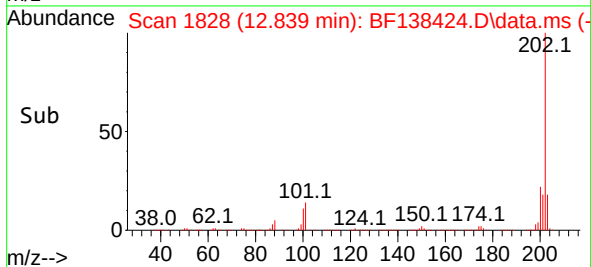
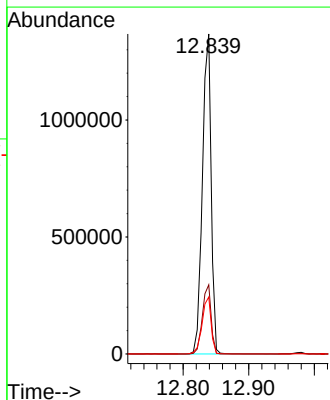
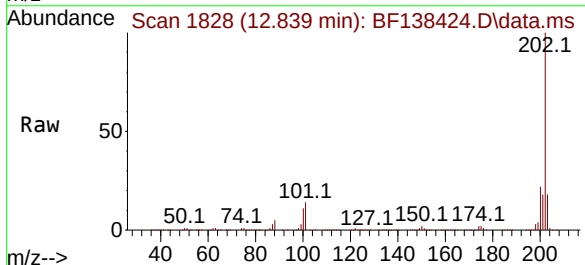
Instrument :
BNA_F
ClientSampleId :
PB161809BS

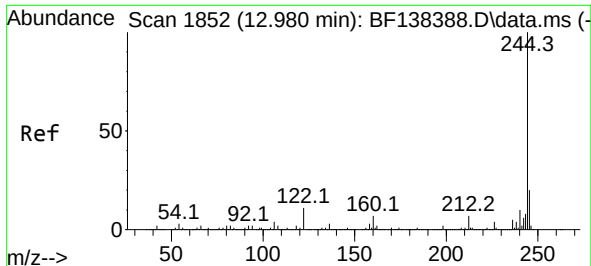
Tgt Ion:184 Resp: 100598
Ion Ratio Lower Upper
184 100
185 14.8 13.0 19.4
183 11.2 9.0 13.6



#78
Pyrene
Concen: 39.459 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

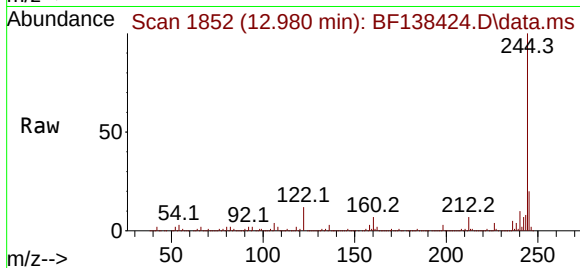
Tgt Ion:202 Resp: 1272079
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.8 13.8 20.8



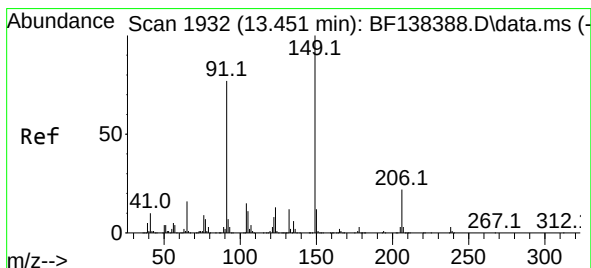
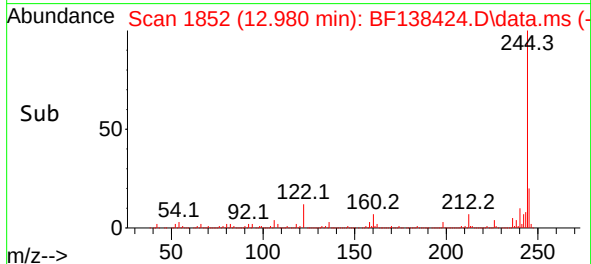
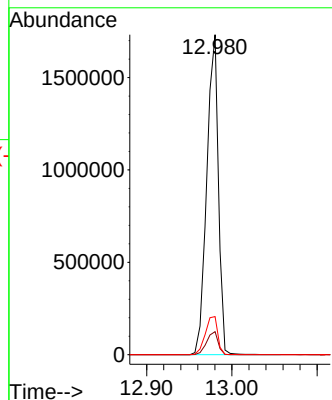


#79
 Terphenyl-d14
 Concen: 74.290 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138424.D
 Acq: 02 Jul 2024 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB161809BS

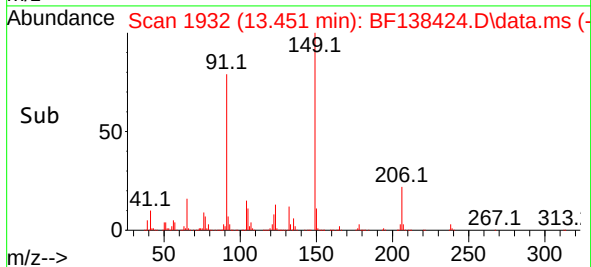
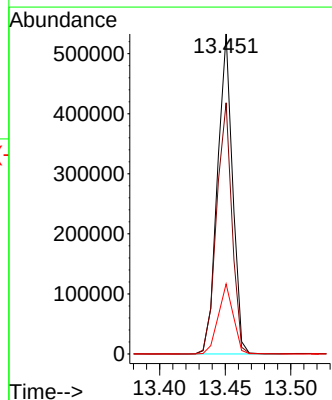
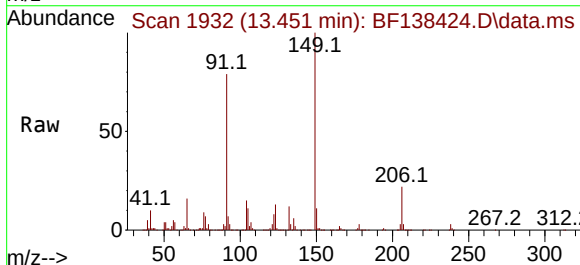


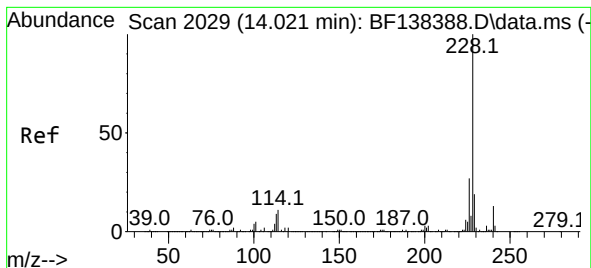
Tgt Ion:244 Resp: 1635136
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 43.429 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF138424.D
 Acq: 02 Jul 2024 12:43

Tgt Ion:149 Resp: 426034
 Ion Ratio Lower Upper
 149 100
 91 78.5 62.0 93.0
 206 21.9 17.6 26.4





#81

Benzo(a)anthracene

Concen: 43.759 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

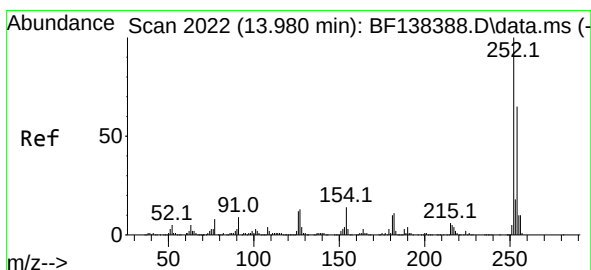
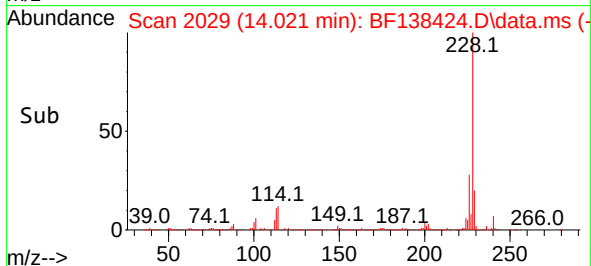
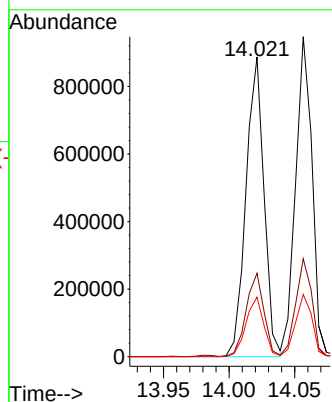
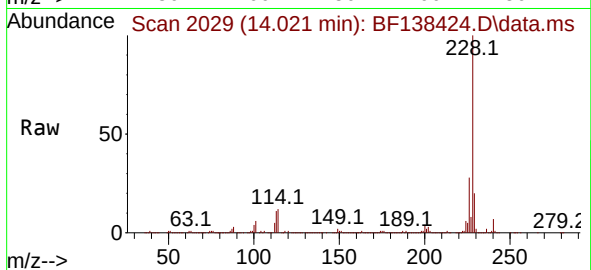
Tgt Ion:228 Resp: 849569

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.385 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

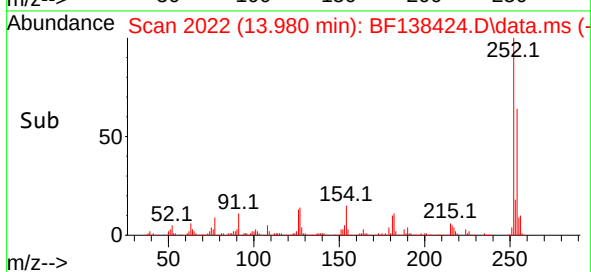
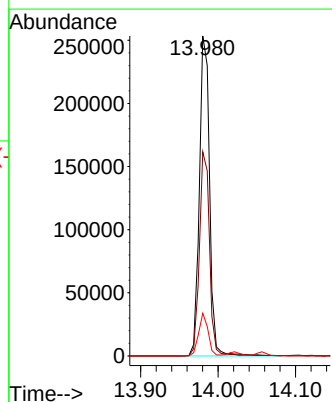
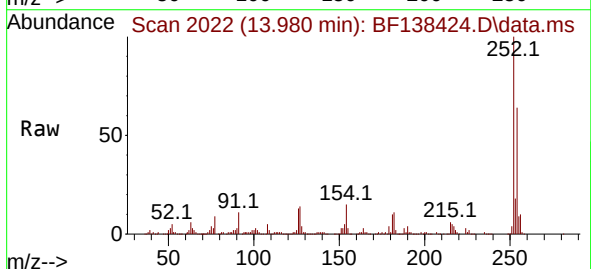
Tgt Ion:252 Resp: 231490

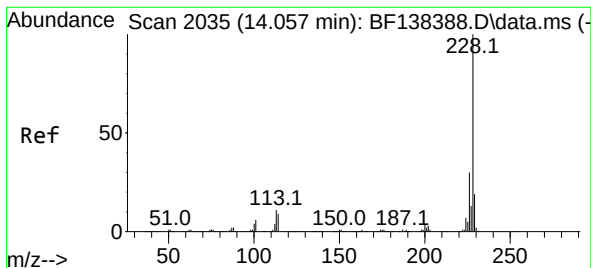
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.6

126 13.4 9.5 14.3





#83

Chrysene

Concen: 44.153 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

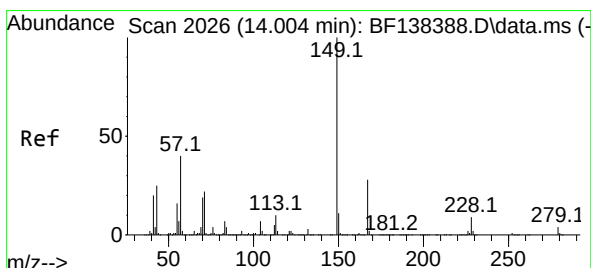
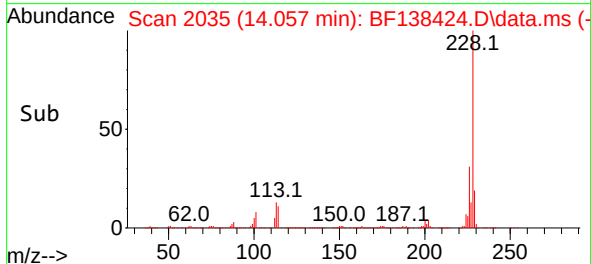
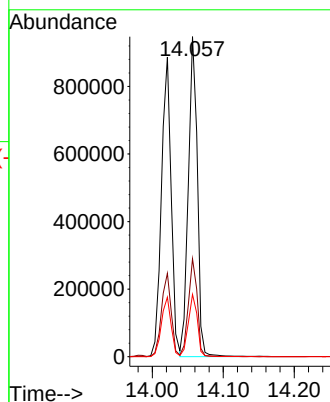
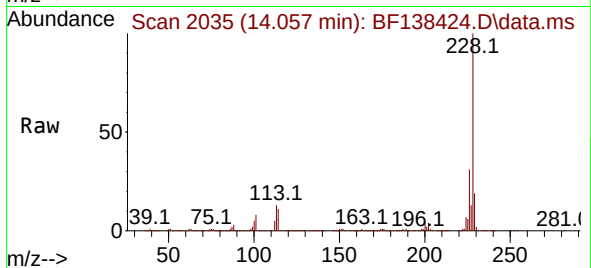
Tgt Ion:228 Resp: 834118

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

229 19.5 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.303 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

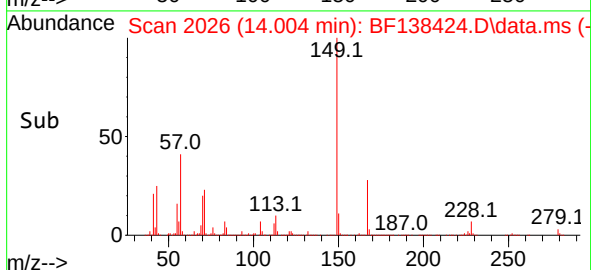
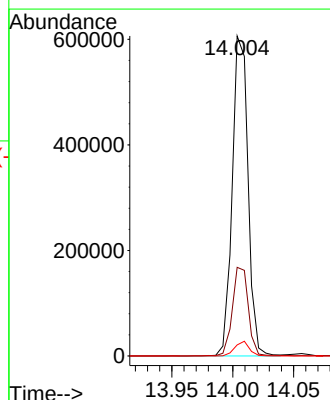
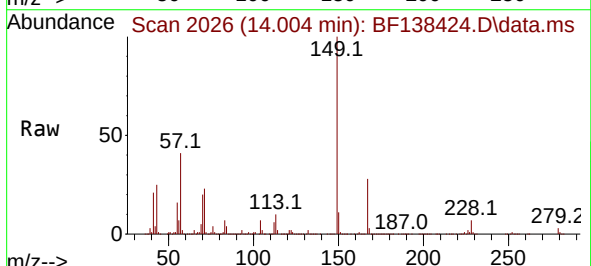
Tgt Ion:149 Resp: 545041

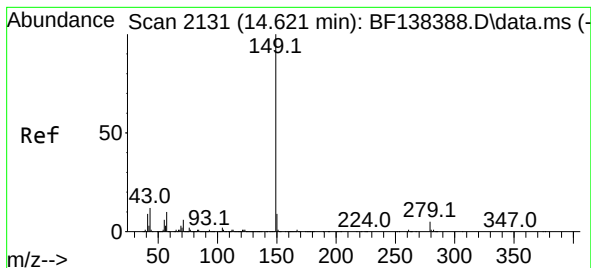
Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

279 3.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.373 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

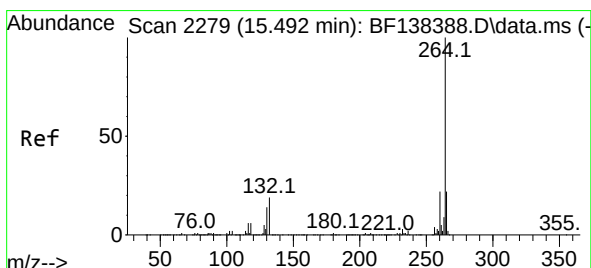
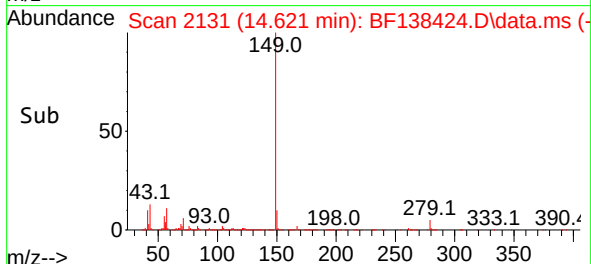
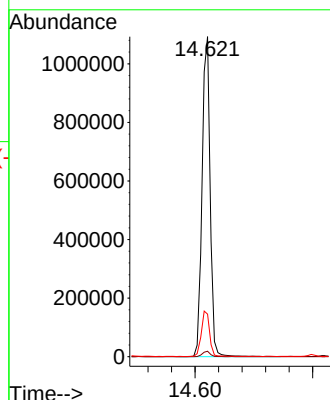
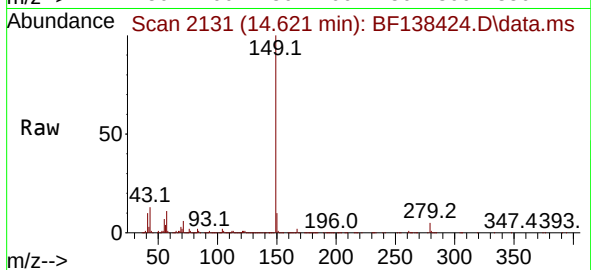
Tgt Ion:149 Resp: 1041645

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 14.6 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

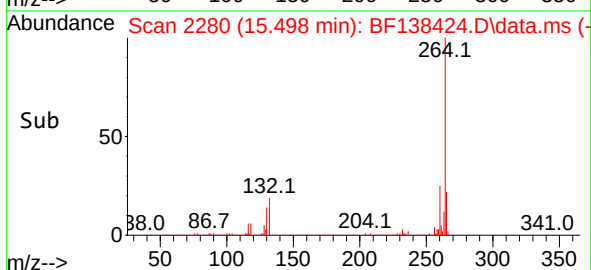
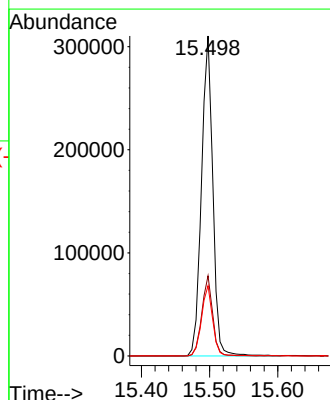
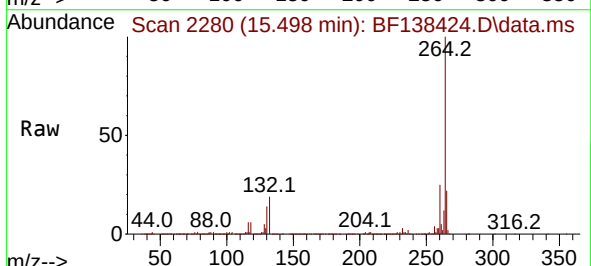
Tgt Ion:264 Resp: 359116

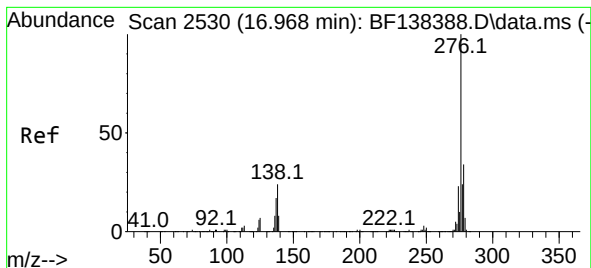
Ion Ratio Lower Upper

264 100

260 25.0 17.8 26.6

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.108 ng

RT: 16.974 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

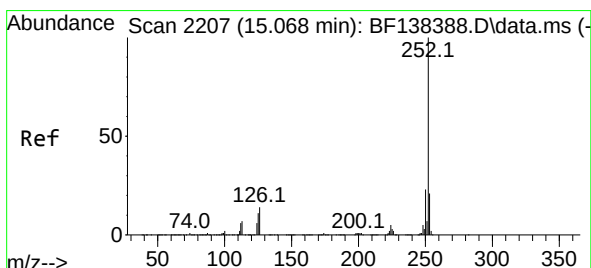
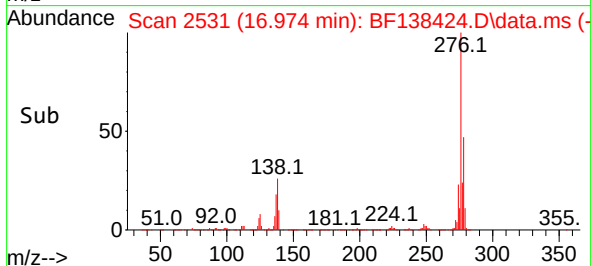
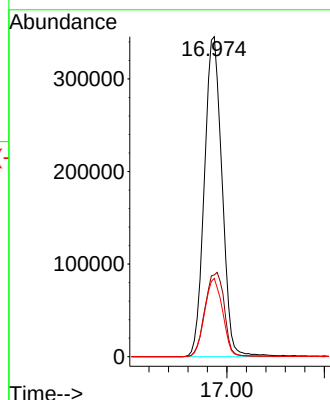
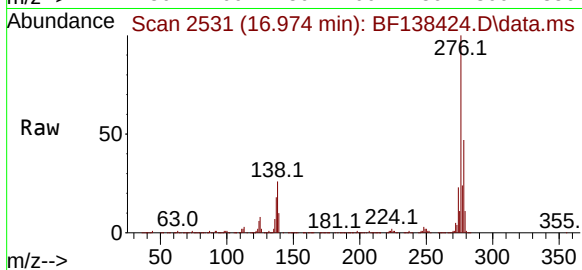
Tgt Ion:276 Resp: 868069

Ion Ratio Lower Upper

276 100

138 29.0 22.1 33.1

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.427 ng

RT: 15.068 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

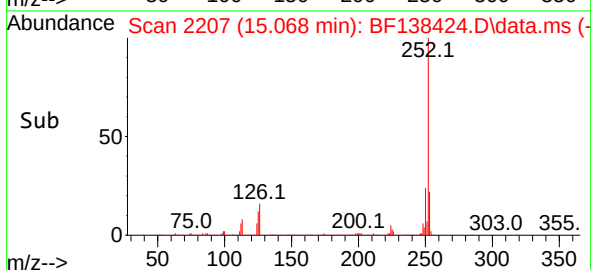
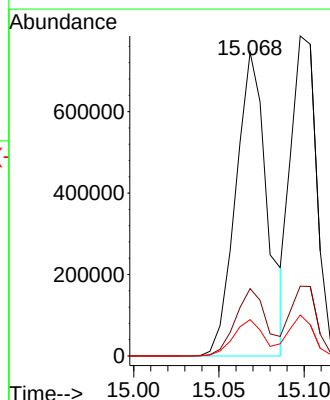
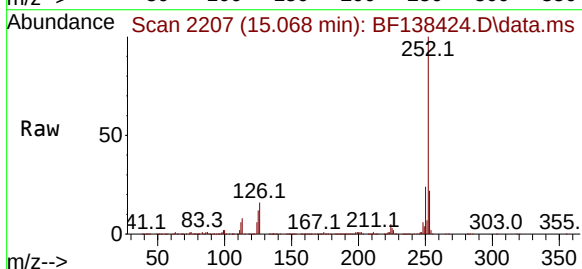
Tgt Ion:252 Resp: 954174

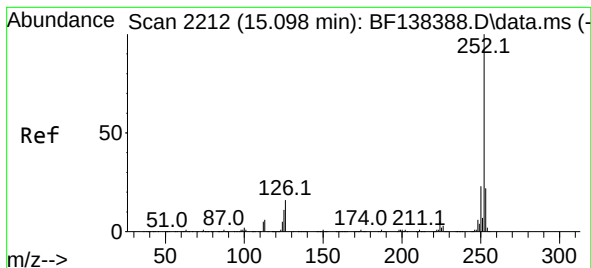
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 12.0 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 46.762 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161809BS

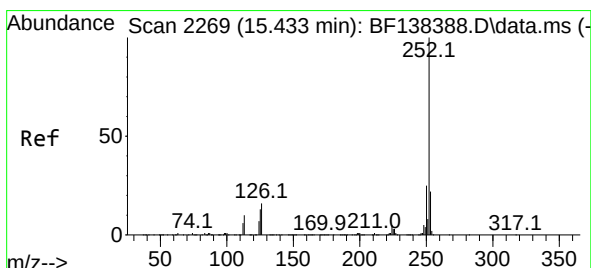
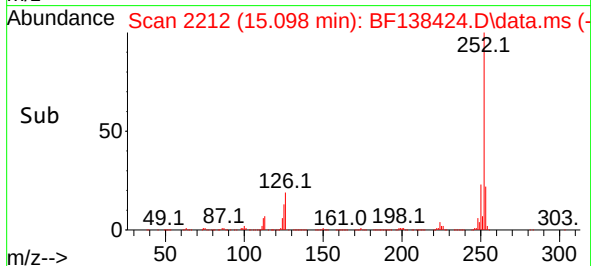
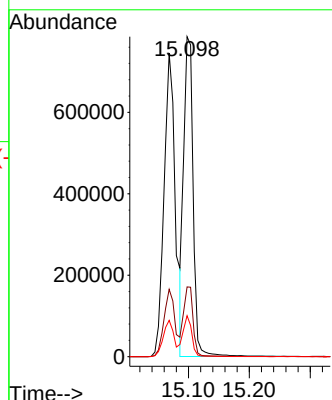
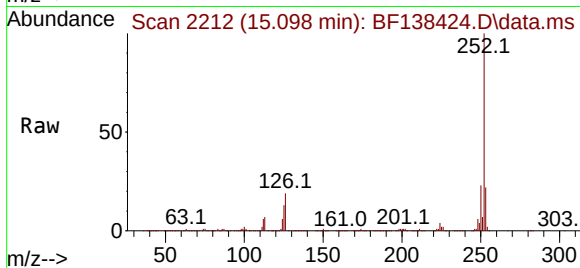
Tgt Ion:252 Resp: 848650

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 12.8 8.7 13.1



#90

Benzo(a)pyrene

Concen: 49.451 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF138424.D

Acq: 02 Jul 2024 12:43

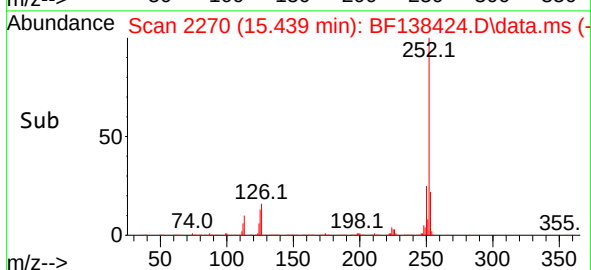
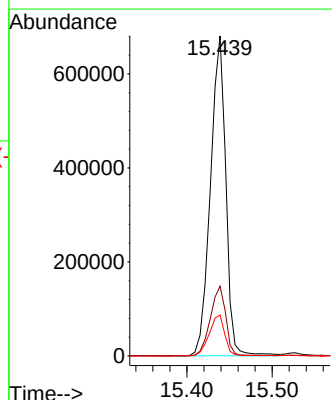
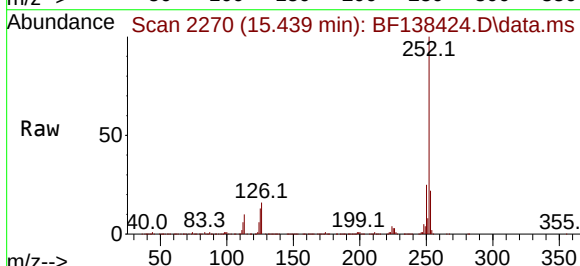
Tgt Ion:252 Resp: 854029

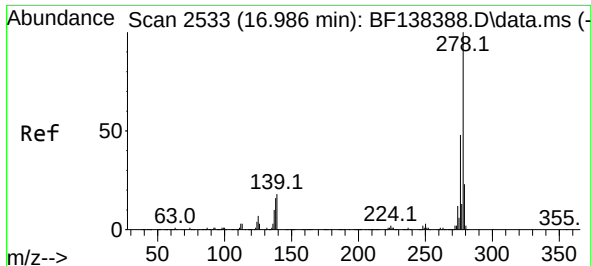
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 12.8 10.2 15.2

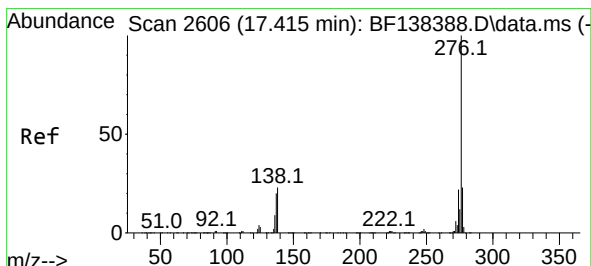
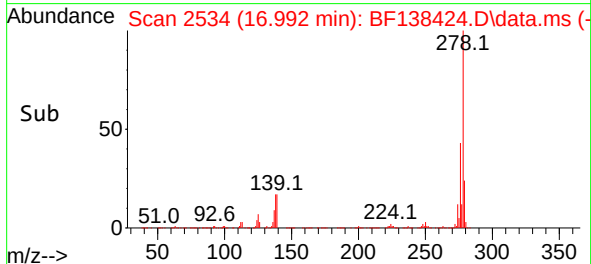
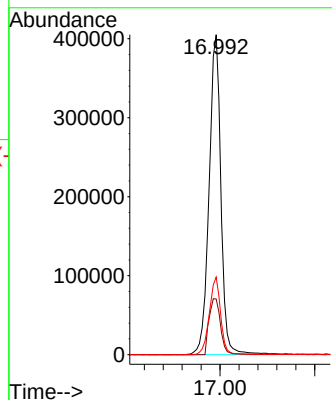
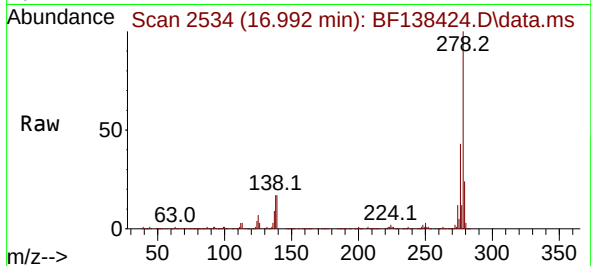




#91
Dibenzo(a,h)anthracene
Concen: 48.224 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Instrument :
BNA_F
ClientSampleId :
PB161809BS

Tgt Ion:278 Resp: 702386
Ion Ratio Lower Upper
278 100
139 17.4 14.3 21.5
279 24.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.632 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.006 min
Lab File: BF138424.D
Acq: 02 Jul 2024 12:43

Tgt Ion:276 Resp: 650183
Ion Ratio Lower Upper
276 100
277 24.3 18.3 27.5
138 23.9 18.3 27.5

