

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138397.D
 Acq On : 01 Jul 2024 11:58
 Operator : CG\JU
 Sample : PB161809BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161809BS

Quant Time: Jul 01 12:26:18 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	211026	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	871730	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	463965	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	761964	20.000	ng	0.00
76) Chrysene-d12	14.027	240	310291	20.000	ng	0.00
86) Perylene-d12	15.492	264	333992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1522797	119.640	ng	0.02
7) Phenol-d6	6.516	99	2080301	121.329	ng	0.00
23) Nitrobenzene-d5	7.445	82	1352713	80.610	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	446804	117.870	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2185591	74.968	ng	0.00
79) Terphenyl-d14	12.980	244	1840665	81.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	216007	36.029	ng	99
3) Pyridine	3.510	79	533829	37.324	ng	98
4) n-Nitrosodimethylamine	3.475	42	399050	44.721	ng	95
6) Aniline	6.540	93	502102	30.008	ng	99
8) 2-Chlorophenol	6.663	128	645612	47.249	ng	97
10) Phenol	6.534	94	801566	43.880	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	643172	44.830	ng	99
12) 1,3-Dichlorobenzene	6.816	146	631421	40.352	ng	98
13) 1,4-Dichlorobenzene	6.893	146	636256	40.552	ng	98
14) 1,2-Dichlorobenzene	7.045	146	623394	43.039	ng	98
15) Benzyl Alcohol	7.022	79	578147	47.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1254348	43.345	ng	94
17) 2-Methylphenol	7.134	107	503402	44.453	ng	96
18) Hexachloroethane	7.387	117	235614	41.634	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	467192	43.222	ng	97
20) 3+4-Methylphenols	7.287	107	585493	44.498	ng	97
22) Acetophenone	7.287	105	821143	41.521	ng	99
24) Nitrobenzene	7.463	77	706726	41.407	ng	97
25) Isophorone	7.698	82	1326557	42.872	ng	99
26) 2-Nitrophenol	7.775	139	340044	46.189	ng	97
27) 2,4-Dimethylphenol	7.810	122	455884	48.384	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	795705	42.723	ng	99
29) 2,4-Dichlorophenol	8.016	162	524514	43.342	ng	95
30) 1,2,4-Trichlorobenzene	8.098	180	560018	39.800	ng	99
31) Naphthalene	8.181	128	1799252	40.828	ng	99
32) Benzoic acid	7.957	122	378769	44.324	ng	97
33) 4-Chloroaniline	8.228	127	345651	22.458	ng	96
34) Hexachlorobutadiene	8.292	225	319417	37.810	ng	99
35) Caprolactam	8.610	113	110939	29.031	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	565979	43.908	ng	99
37) 2-Methylnaphthalene	8.869	142	1161004	40.764	ng	99
38) 1-Methylnaphthalene	8.969	142	1079024	39.065	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	524336	40.857	ng	99
41) Hexachlorocyclopentadiene	9.022	237	427542	113.180	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	347495	42.554	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	369944	41.656	ng	96

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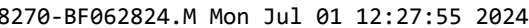
Instrument :
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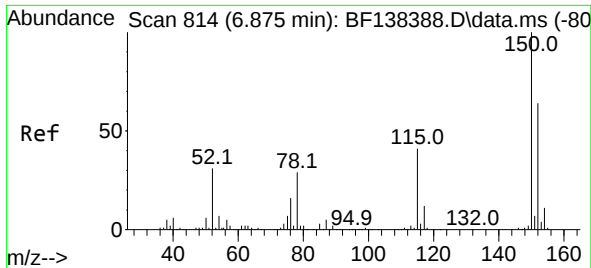
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.334	154	1415153	40.850	ng	99
47) 2-Chloronaphthalene	9.363	162	1079311	40.862	ng	100
48) 2-Nitroaniline	9.457	65	393627	46.200	ng	97
49) Acenaphthylene	9.775	152	1663417	44.779	ng	100
50) Dimethylphthalate	9.639	163	1279303	42.903	ng	100
51) 2,6-Dinitrotoluene	9.698	165	287231	43.010	ng	97
52) Acenaphthene	9.945	154	1001654	39.380	ng	99
53) 3-Nitroaniline	9.869	138	202177	30.653	ng	97
54) 2,4-Dinitrophenol	9.975	184	256858	89.713	ng	96
55) Dibenzofuran	10.122	168	1458868	41.628	ng	99
56) 4-Nitrophenol	10.039	139	417108	97.535	ng	89
57) 2,4-Dinitrotoluene	10.104	165	362652	44.104	ng	96
58) Fluorene	10.463	166	1091074	39.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	300904	45.616	ng	99
60) Diethylphthalate	10.334	149	1192897	42.789	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	548467	38.819	ng	99
62) 4-Nitroaniline	10.486	138	271549	44.854	ng	98
63) Azobenzene	10.610	77	1296346	44.030	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	188540	46.428	ng	80
66) n-Nitrosodiphenylamine	10.575	169	980447	41.448	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	333399	40.707	ng	98
68) Hexachlorobenzene	11.004	284	358007	39.659	ng	99
69) Atrazine	11.098	200	293111	44.194	ng	99
70) Pentachlorophenol	11.204	266	393836	85.958	ng	99
71) Phenanthrene	11.422	178	1573406	42.293	ng	100
72) Anthracene	11.475	178	1585527	42.736	ng	99
73) Carbazole	11.628	167	1333808	43.304	ng	100
74) Di-n-butylphthalate	11.957	149	1689797	43.289	ng	100
75) Fluoranthene	12.604	202	1430923	42.903	ng	96
77) Benzidine	12.722	184	111384	44.891	ng	98
78) Pyrene	12.833	202	1423607	42.927	ng	98
80) Butylbenzylphthalate	13.451	149	503407	49.884	ng	97
81) Benzo(a)anthracene	14.016	228	874554	43.789	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	214612	36.396	ng	99
83) Chrysene	14.057	228	875247	45.037	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	589740	46.599	ng	99
85) Di-n-octyl phthalate	14.616	149	937364	42.316	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	822456	49.009	ng	99
88) Benzo(b)fluoranthene	15.068	252	841549	45.924	ng	98
89) Benzo(k)fluoranthene	15.098	252	833489	49.381	ng	98
90) Benzo(a)pyrene	15.433	252	799148	49.754	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	651399	48.088	ng	98
92) Benzo(g,h,i)perylene	17.410	276	615244	46.428	ng	96

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

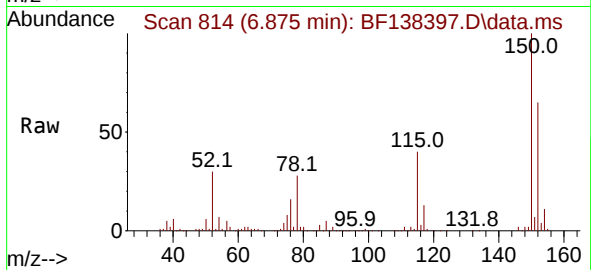
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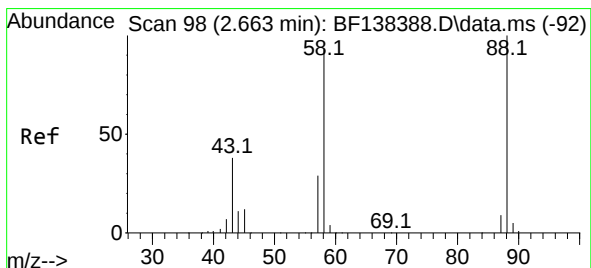
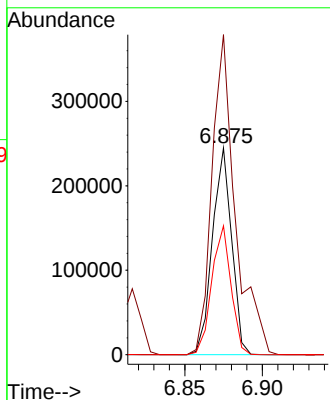
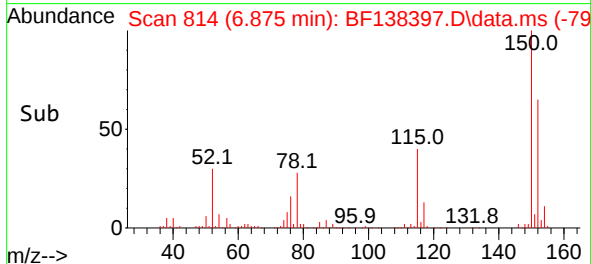


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

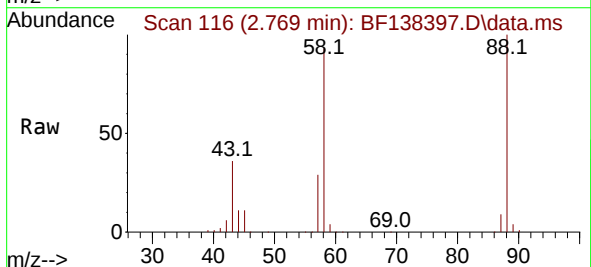
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PB161809BS



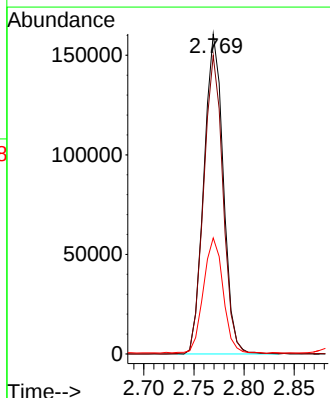
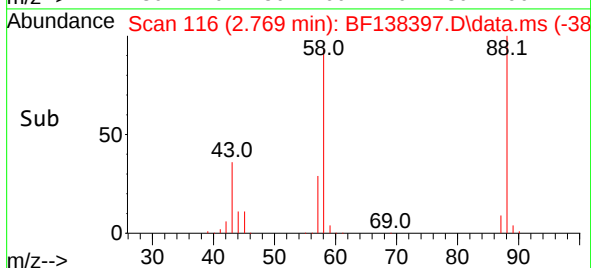
Tgt Ion:152 Resp: 211026
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 62.3 50.8 76.2

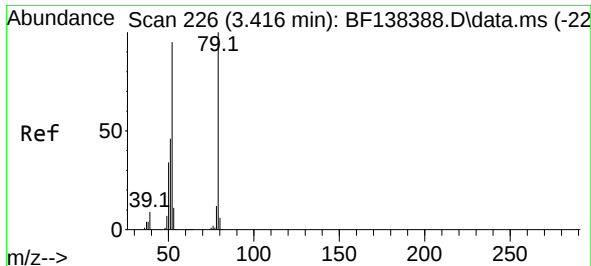


#2
1,4-Dioxane
Concen: 36.029 ng
RT: 2.769 min Scan# 116
Delta R.T. 0.106 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58



Tgt Ion: 88 Resp: 216007
Ion Ratio Lower Upper
88 100
58 93.2 73.7 110.5
43 37.0 30.1 45.1





#3

Pyridine

Concen: 37.324 ng

RT: 3.510 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

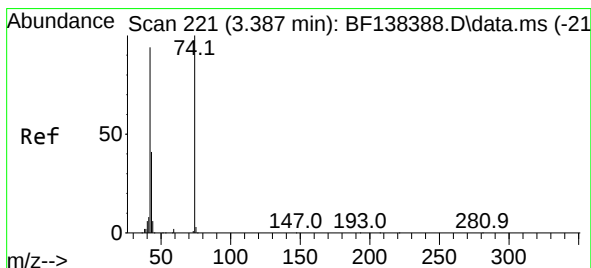
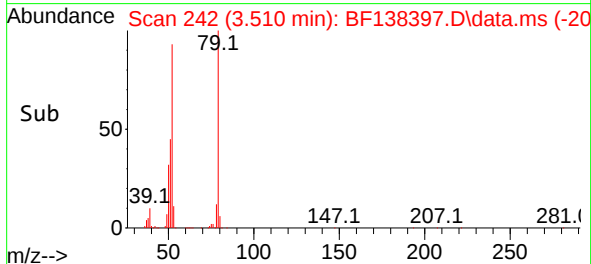
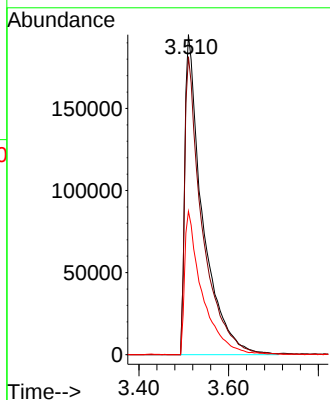
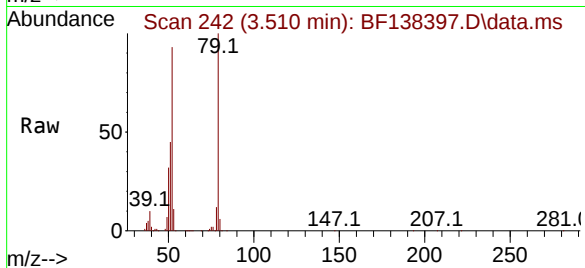
Tgt Ion: 79 Resp: 533829

Ion Ratio Lower Upper

79 100

52 93.1 76.2 114.2

51 44.8 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 44.721 ng

RT: 3.475 min Scan# 236

Delta R.T. 0.088 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

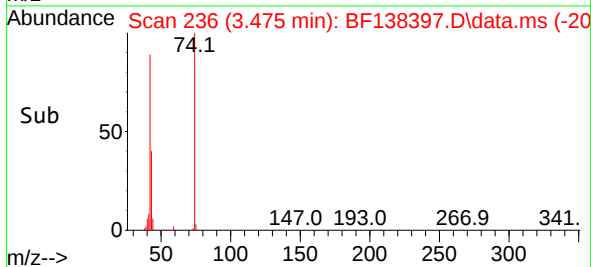
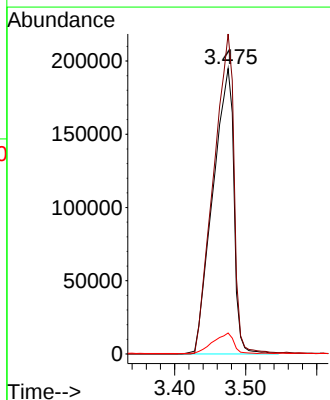
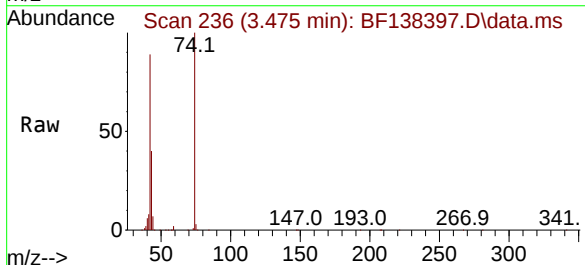
Tgt Ion: 42 Resp: 399050

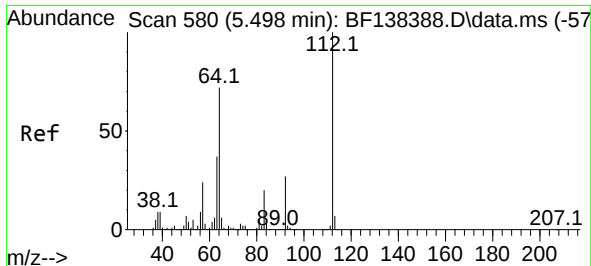
Ion Ratio Lower Upper

42 100

74 112.1 85.1 127.7

44 7.3 5.5 8.3

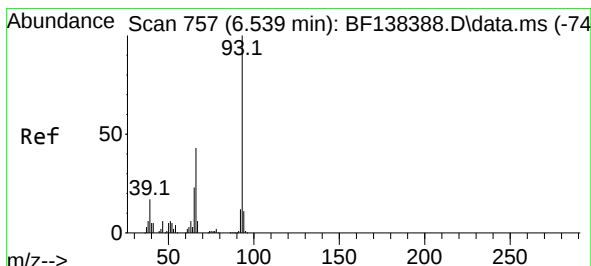
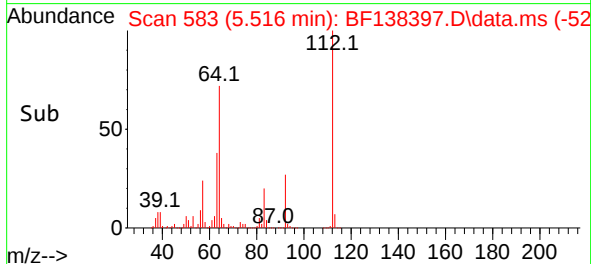
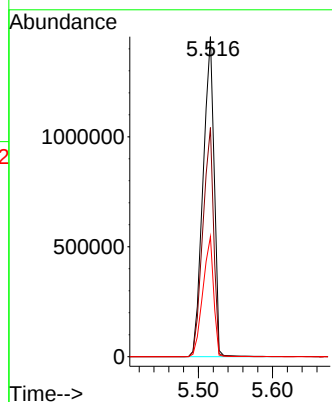
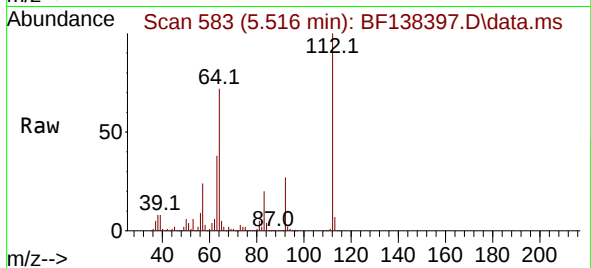




#5
2-Fluorophenol
Concen: 119.640 ng
RT: 5.516 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

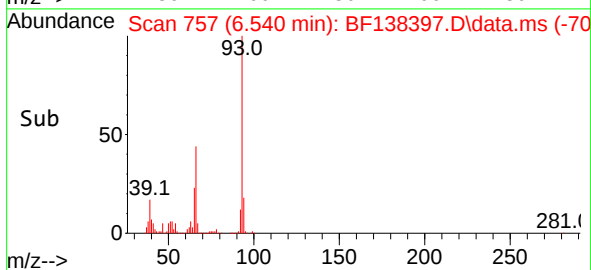
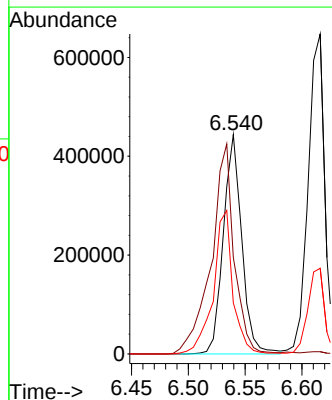
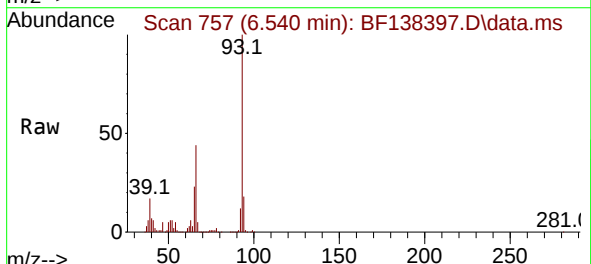
Instrument :
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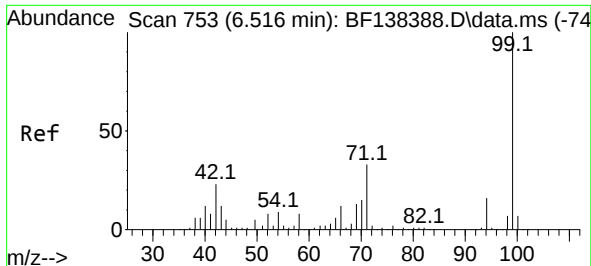
Tgt Ion:112 Resp: 1522797
Ion Ratio Lower Upper
112 100
64 71.6 57.2 85.8
63 37.5 29.4 44.0



#6
Aniline
Concen: 30.008 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion: 93 Resp: 502102
Ion Ratio Lower Upper
93 100
66 44.0 34.7 52.1
65 23.3 18.5 27.7



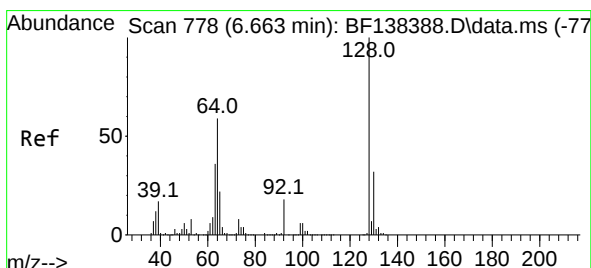
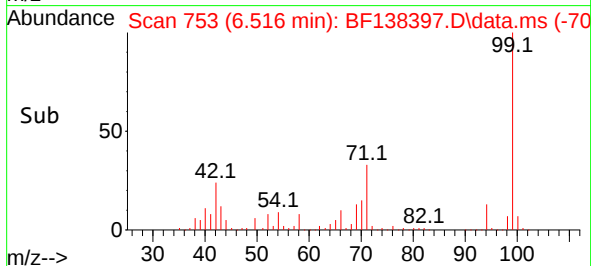
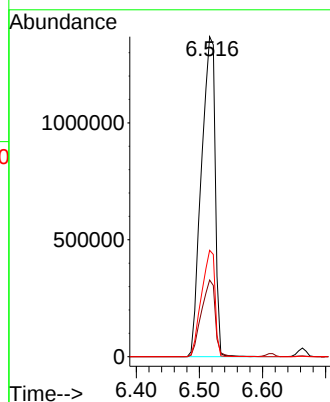
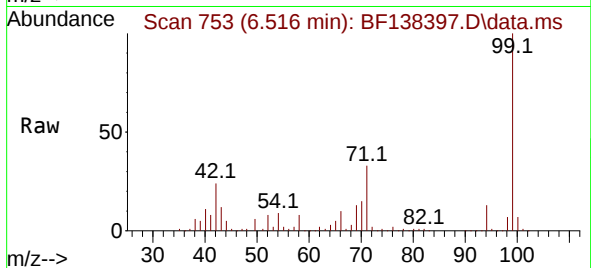


#7
Phenol-d6
Concen: 121.329 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB161809BS

Tgt Ion: 99 Resp: 2080301

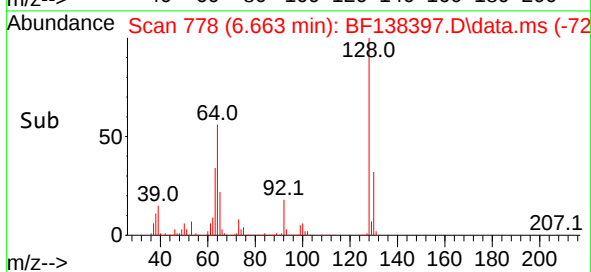
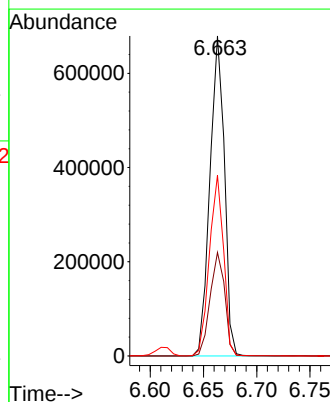
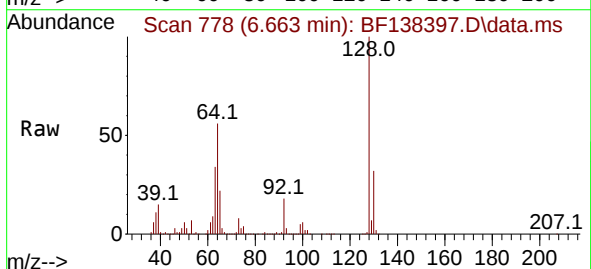
Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.5	27.7
71	33.3	26.1	39.1

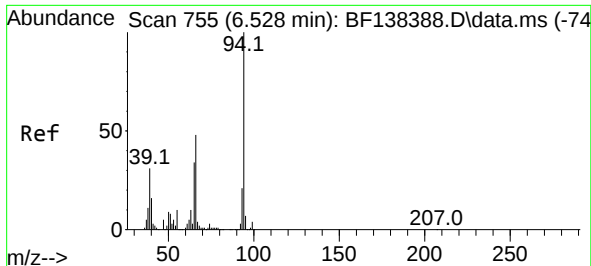


#8
2-Chlorophenol
Concen: 47.249 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion: 128 Resp: 645612

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	56.4	39.6	79.6

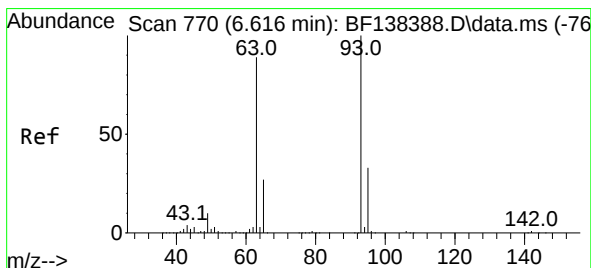
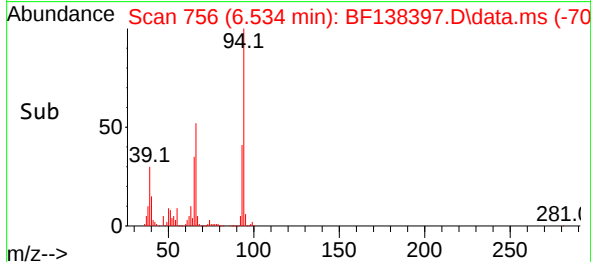
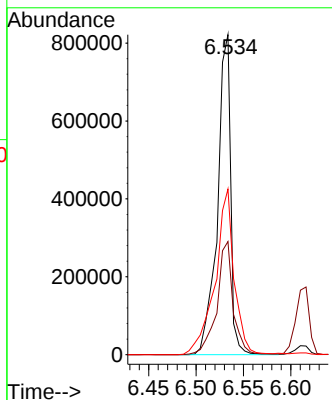
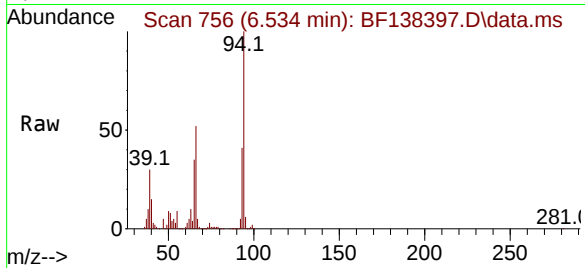




#10
Phenol
Concen: 43.880 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

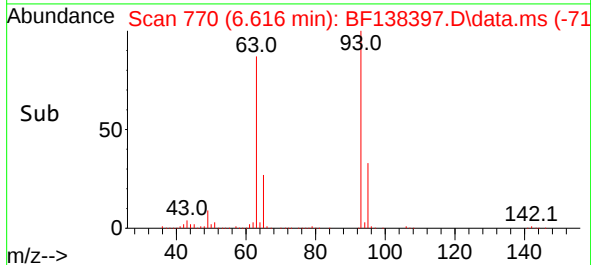
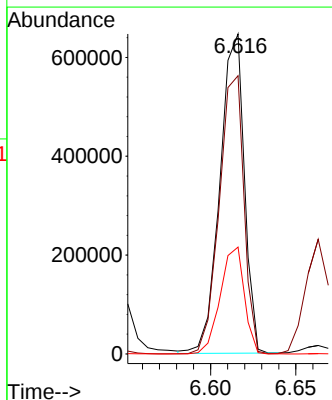
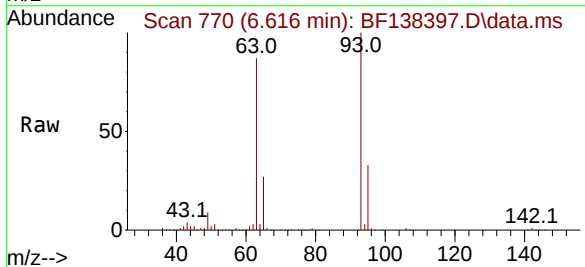
Instrument :
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ClientSampleId :
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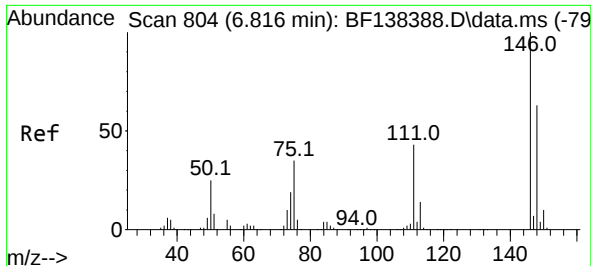
Tgt Ion: 94 Resp: 801566
Ion Ratio Lower Upper
94 100
65 35.4 14.2 54.2
66 51.8 27.9 67.9



#11
bis(2-Chloroethyl)ether
Concen: 44.830 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion: 93 Resp: 643172
Ion Ratio Lower Upper
93 100
63 87.0 68.2 108.2
95 33.4 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 40.352 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

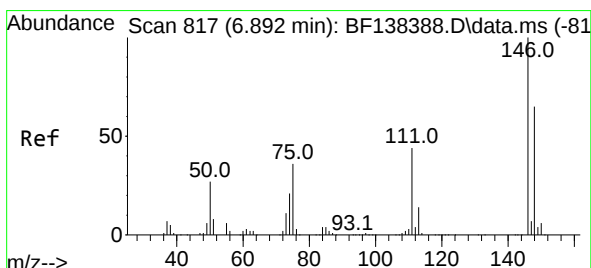
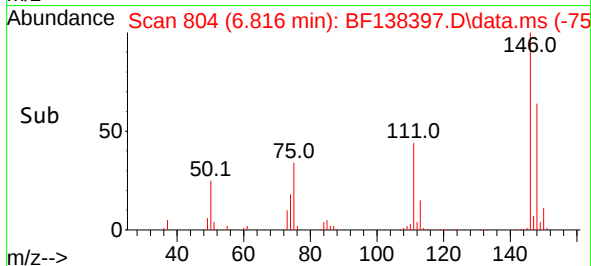
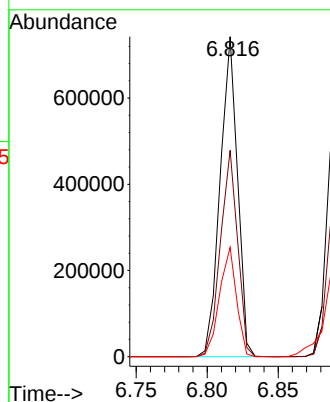
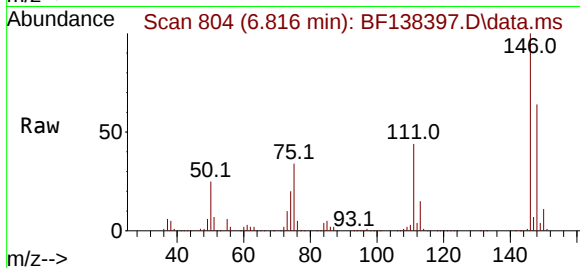
Tgt Ion:146 Resp: 631421

Ion Ratio Lower Upper

146 100

148 64.5 50.3 75.5

75 34.1 27.8 41.6



#13

1,4-Dichlorobenzene

Concen: 40.552 ng

RT: 6.893 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

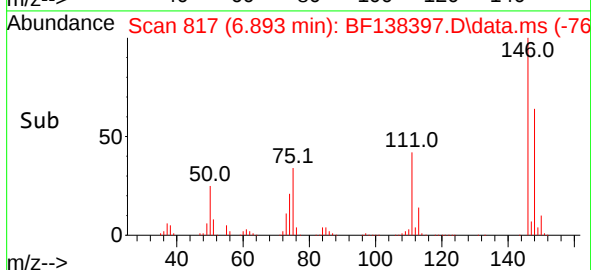
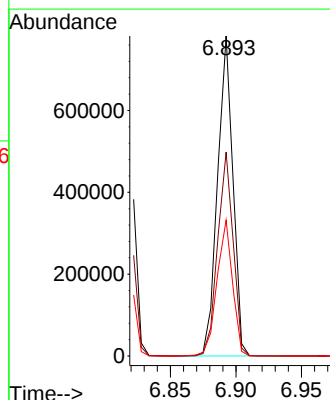
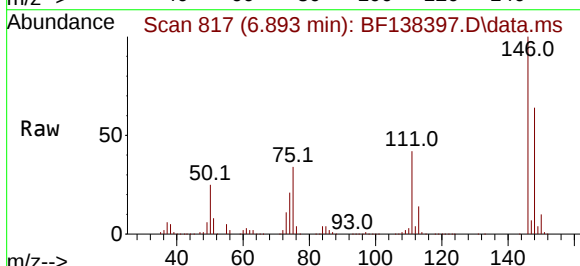
Tgt Ion:146 Resp: 636256

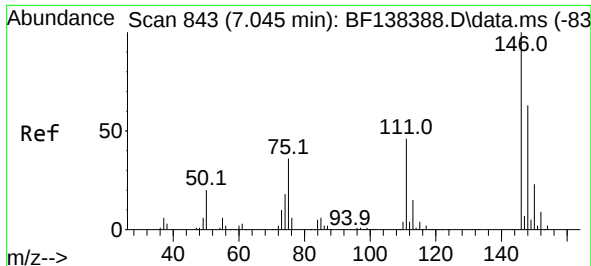
Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

111 42.4 35.4 53.0





#14

1,2-Dichlorobenzene

Concen: 43.039 ng

RT: 7.045 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

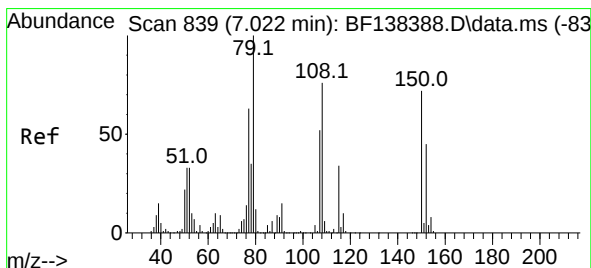
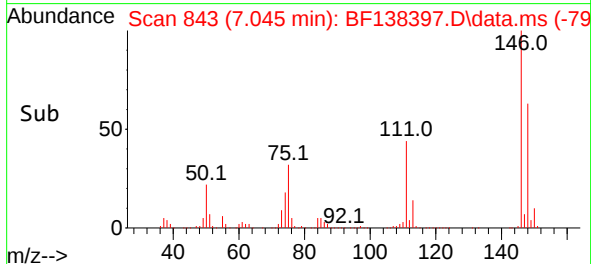
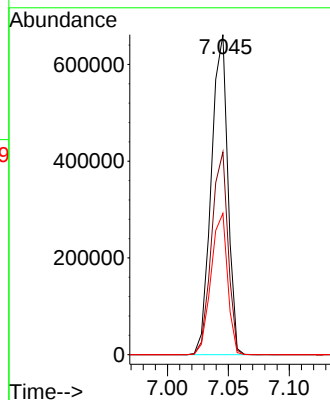
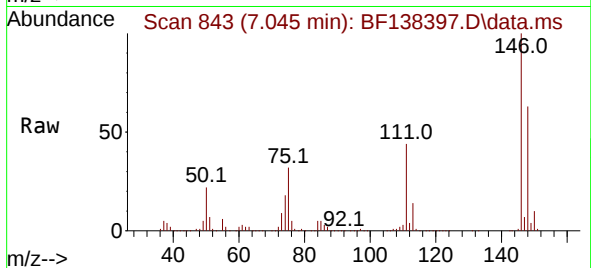
Tgt Ion:146 Resp: 623394

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

111 44.2 37.1 55.7



#15

Benzyl Alcohol

Concen: 47.077 ng

RT: 7.022 min Scan# 839

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

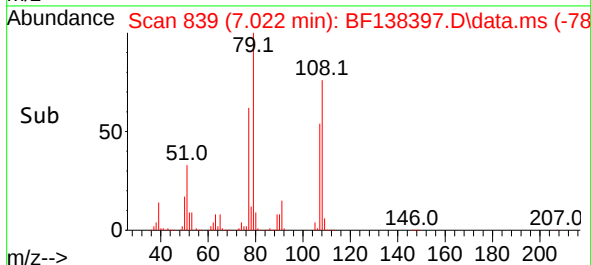
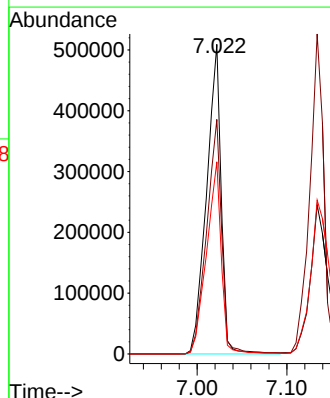
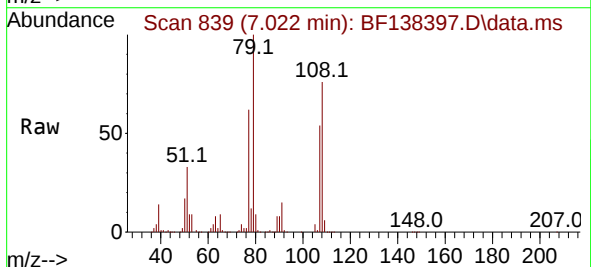
Tgt Ion: 79 Resp: 578147

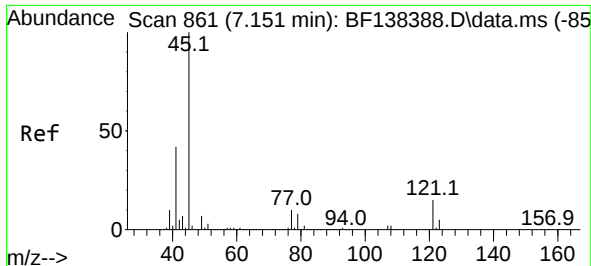
Ion Ratio Lower Upper

79 100

108 75.7 60.9 91.3

77 62.1 50.6 75.8

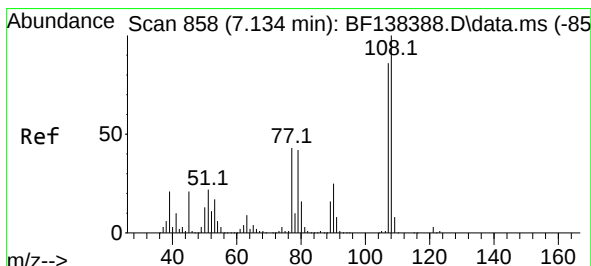
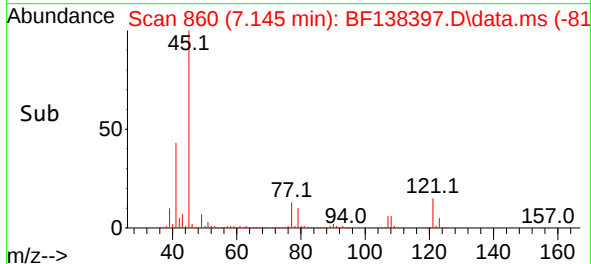
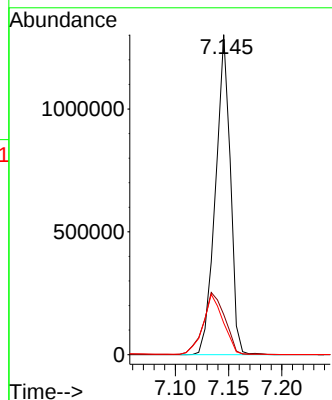
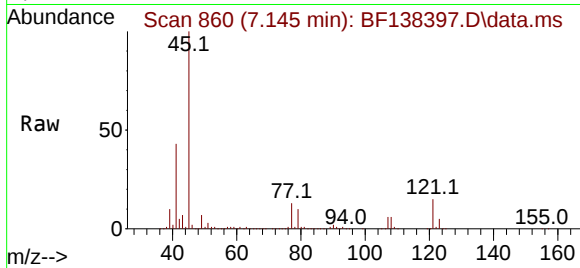




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.345 ng
RT: 7.145 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

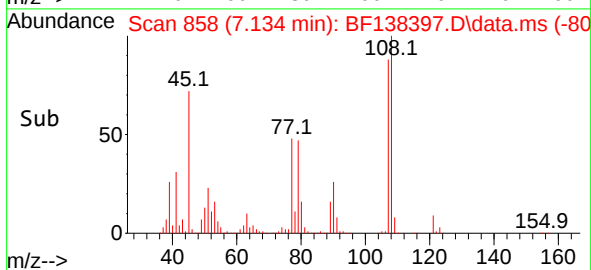
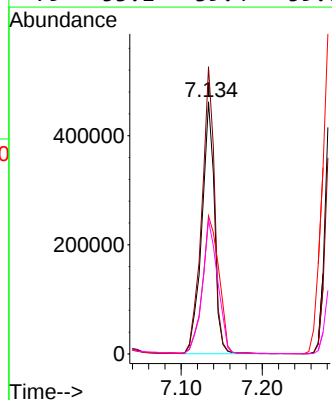
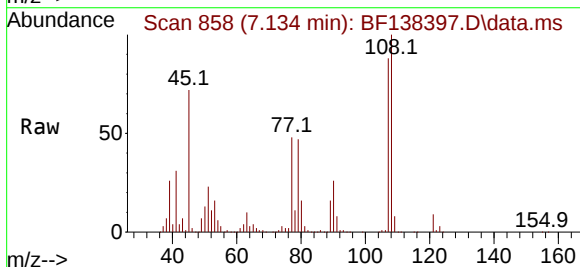
Instrument :
BNA_F
ClientSampleId :
PB161809BS

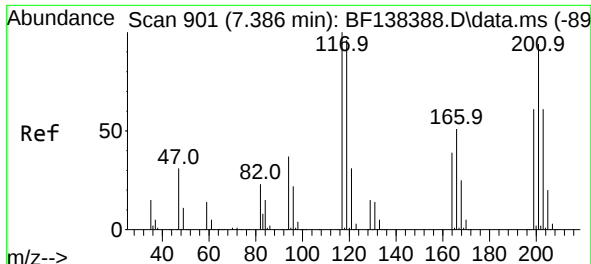
Tgt Ion: 45 Resp: 1254348
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.4
79 9.9 0.0 28.1



#17
2-Methylphenol
Concen: 44.453 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

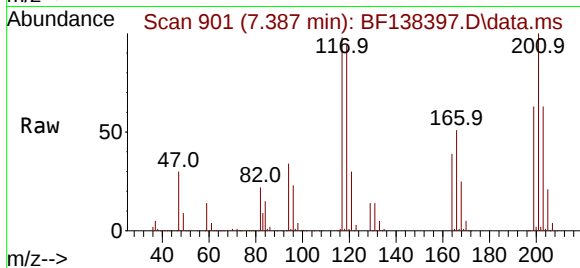
Tgt Ion:107 Resp: 503402
Ion Ratio Lower Upper
107 100
108 113.9 92.6 138.8
77 54.8 40.3 60.5
79 53.1 39.4 59.0



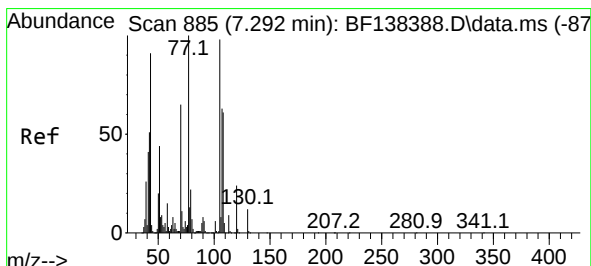
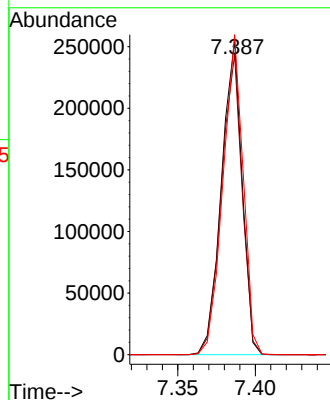
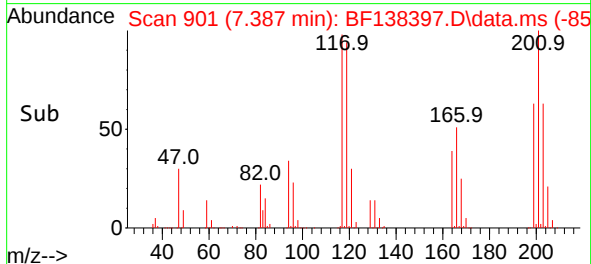


#18
Hexachloroethane
Concen: 41.634 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

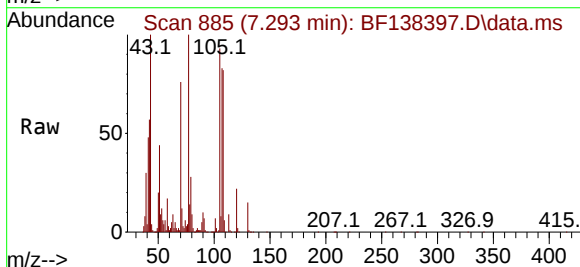
Instrument :
BNA_F
ClientSampleId :
PB161809BS



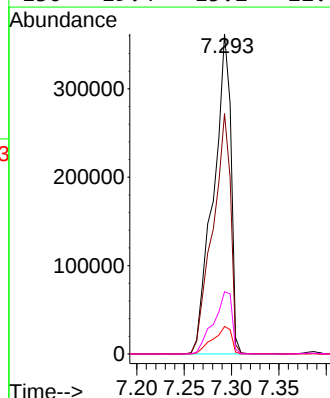
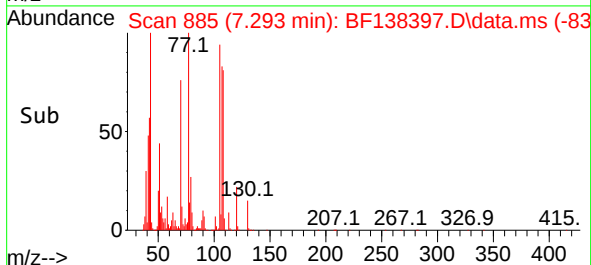
Tgt Ion:117 Resp: 235614
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7
201 101.8 75.6 113.4

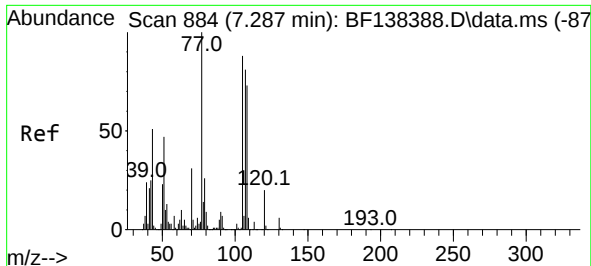


#19
n-Nitroso-di-n-propylamine
Concen: 43.222 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58



Tgt Ion: 70 Resp: 467192
Ion Ratio Lower Upper
70 100
42 75.1 62.5 93.7
101 8.6 7.0 10.4
130 19.4 15.2 22.8





#20

3+4-Methylphenols

Concen: 44.498 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF138397.D

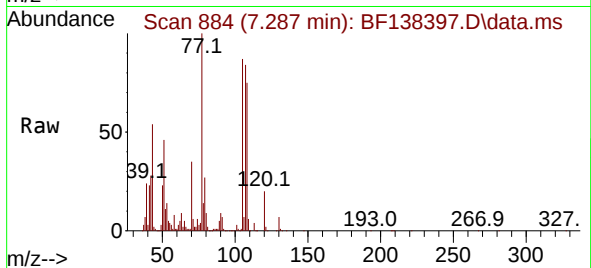
Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS



Tgt Ion:107 Resp: 585493

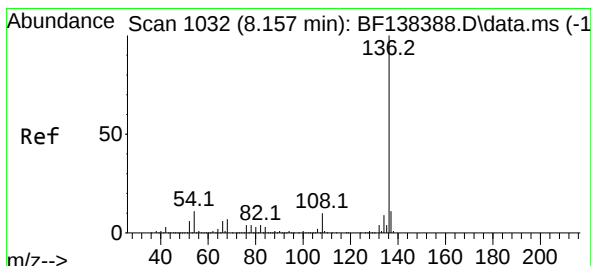
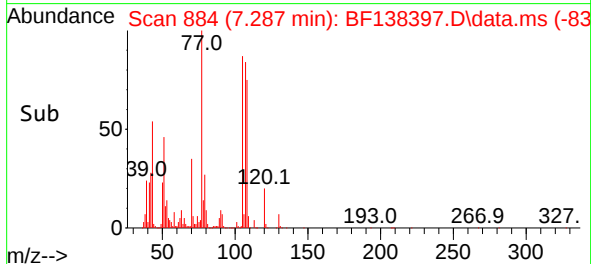
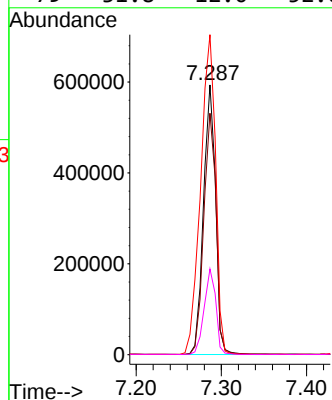
Ion Ratio Lower Upper

107 100

108 89.5 70.8 110.8

77 118.6 104.0 144.0

79 31.8 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: BF138397.D

Acq: 01 Jul 2024 11:58

Tgt Ion:136 Resp: 871730

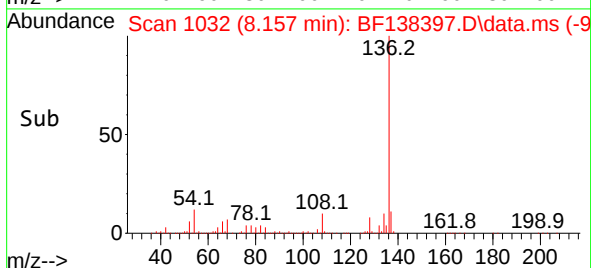
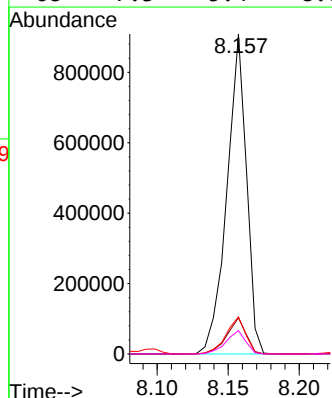
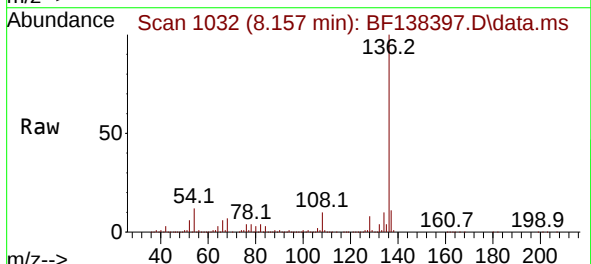
Ion Ratio Lower Upper

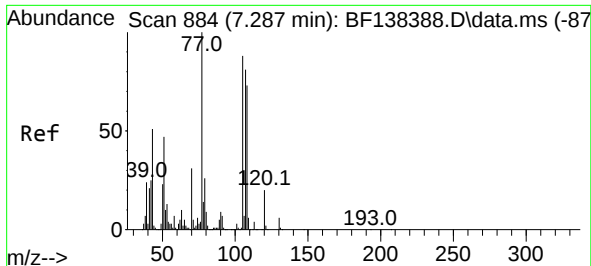
136 100

137 11.3 8.8 13.2

54 11.6 9.0 13.4

68 7.3 5.4 8.0

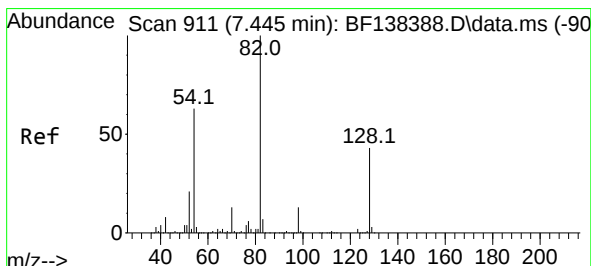
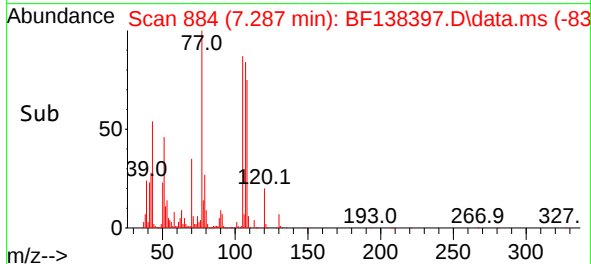
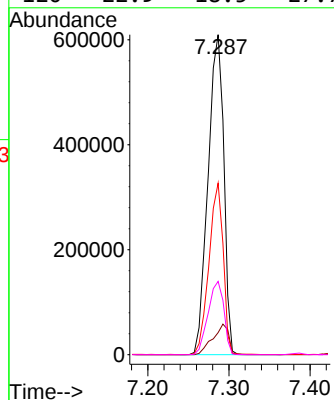
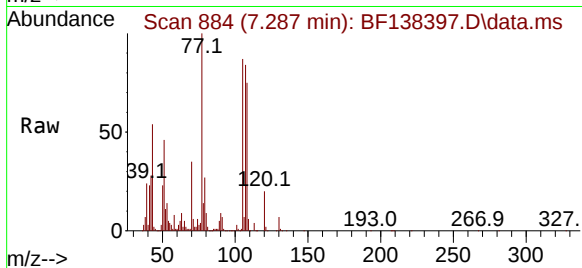




#22
 Acetophenone
 Concen: 41.521 ng
 RT: 7.287 min Scan# 884
 Delta R.T. 0.000 min
 Lab File: BF138397.D
 Acq: 01 Jul 2024 11:58

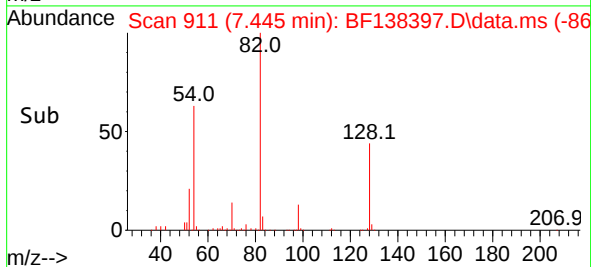
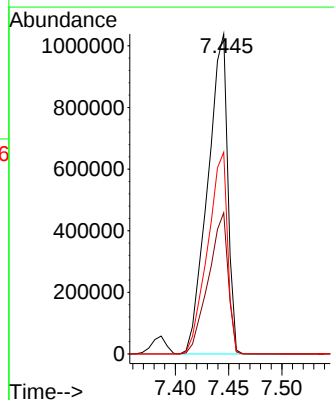
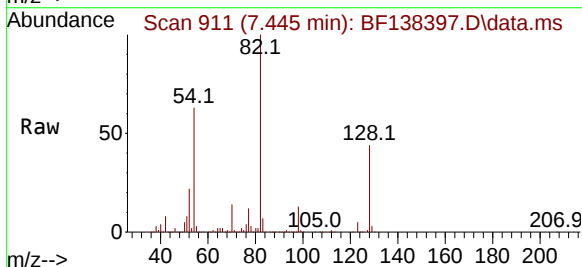
Instrument :
 BNA_F
 ClientSampleId :
 PB161809BS

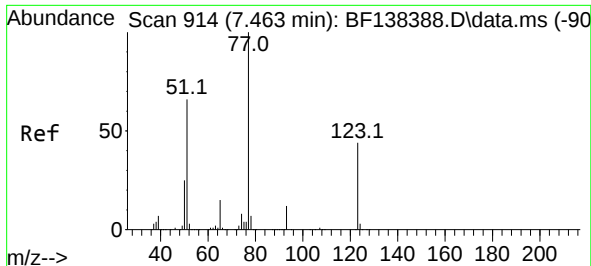
Tgt Ion:	105	Resp:	821143
Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.7	7.1
51	53.6	43.2	64.8
120	22.9	18.5	27.7



#23
 Nitrobenzene-d5
 Concen: 80.610 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: BF138397.D
 Acq: 01 Jul 2024 11:58

Tgt Ion:	82	Resp:	1352713
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	63.0	50.5	75.7

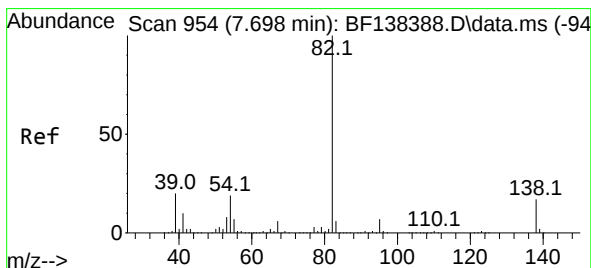
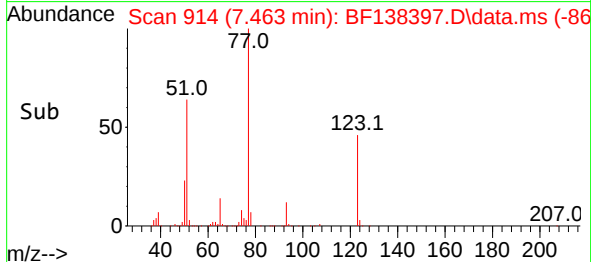
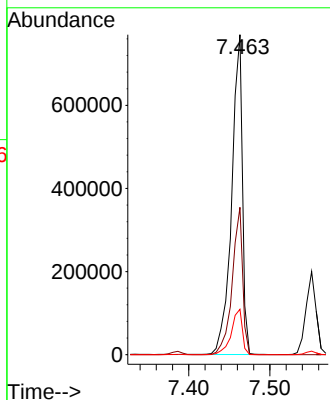
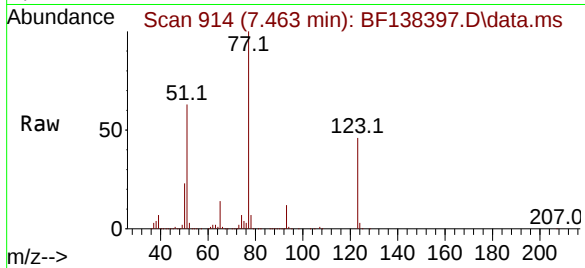




#24
Nitrobenzene
Concen: 41.407 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

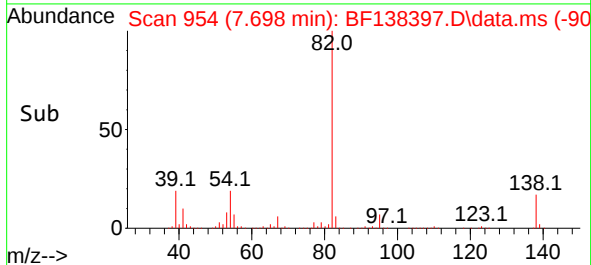
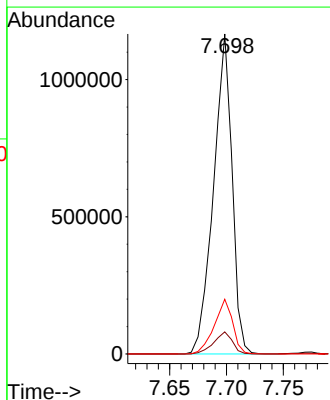
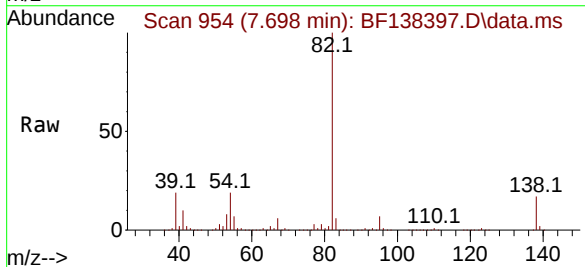
Instrument :
BNA_F
ClientSampleId :
PB161809BS

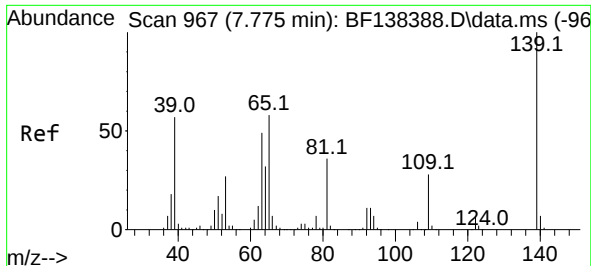
Tgt Ion: 77 Resp: 706726
Ion Ratio Lower Upper
77 100
123 46.0 35.0 52.6
65 14.2 12.1 18.1



#25
Isophorone
Concen: 42.872 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion: 82 Resp: 1326557
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.1 13.4 20.2

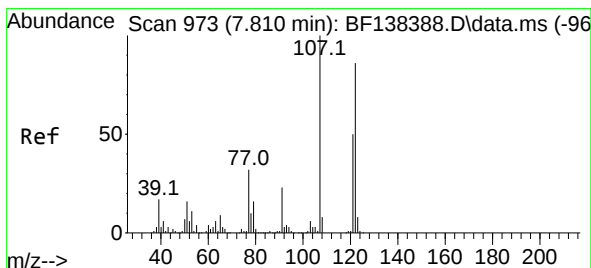
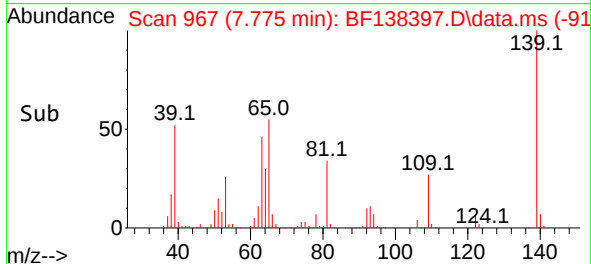
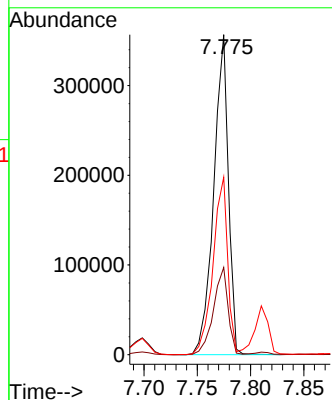
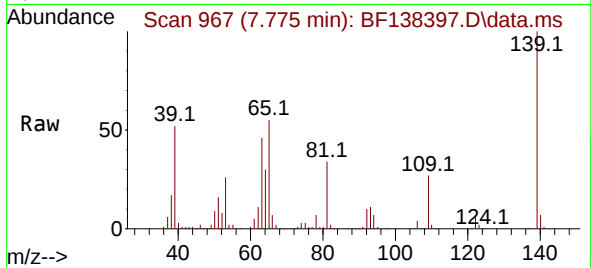




#26
2-Nitrophenol
Concen: 46.189 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

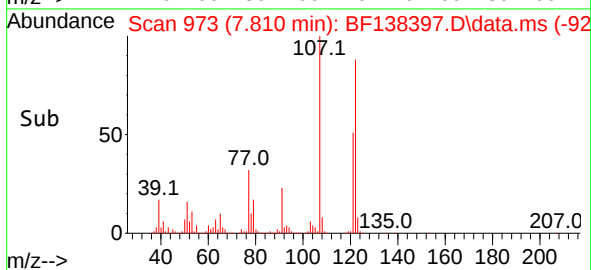
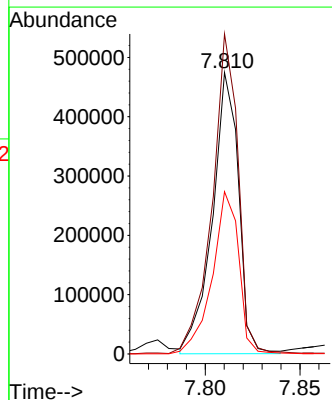
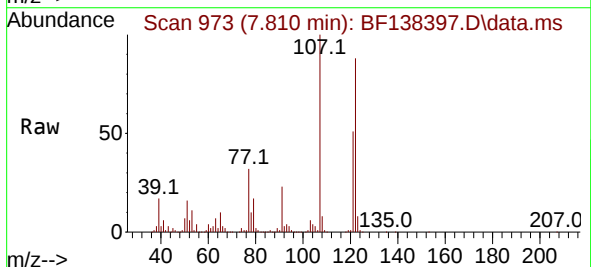
Instrument :
BNA_F
ClientSampleId :
PB161809BS

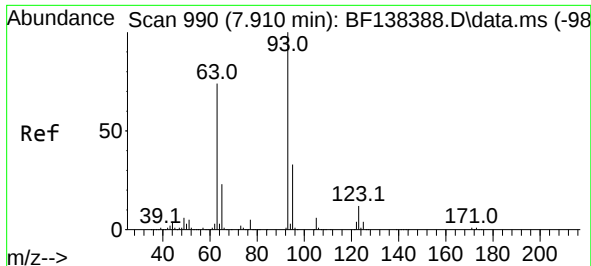
Tgt Ion:139 Resp: 340044
Ion Ratio Lower Upper
139 100
109 27.3 22.5 33.7
65 55.4 46.2 69.2



#27
2,4-Dimethylphenol
Concen: 48.384 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:122 Resp: 455884
Ion Ratio Lower Upper
122 100
107 113.7 92.5 138.7
121 57.7 46.5 69.7

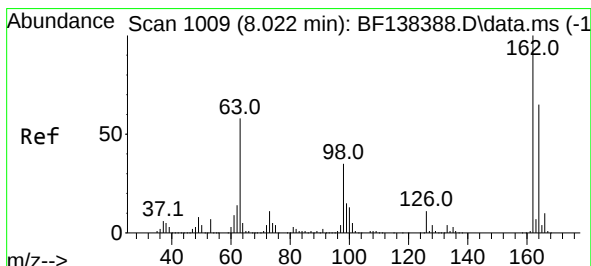
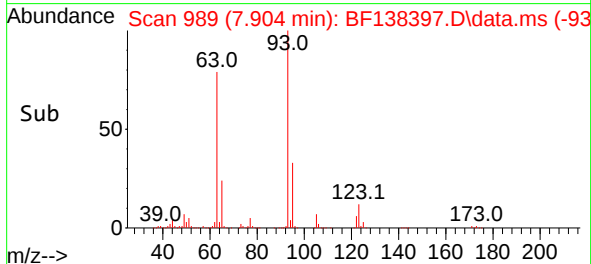
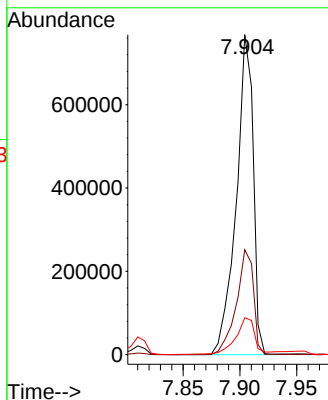
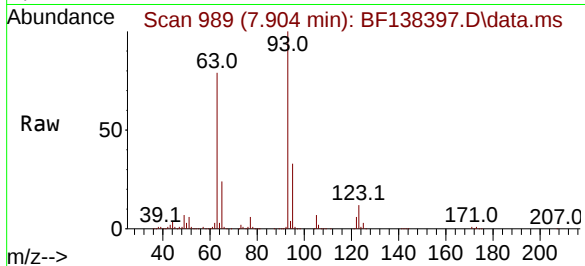




#28
bis(2-Chloroethoxy)methane
Concen: 42.723 ng
RT: 7.904 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

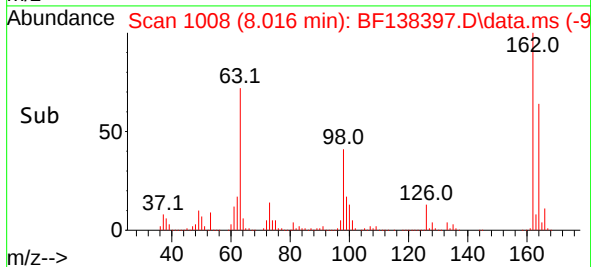
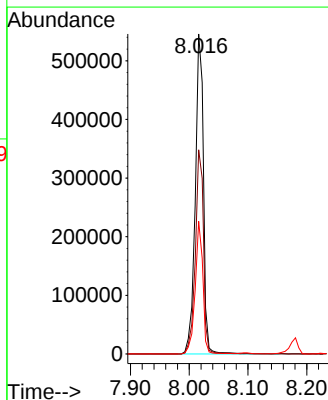
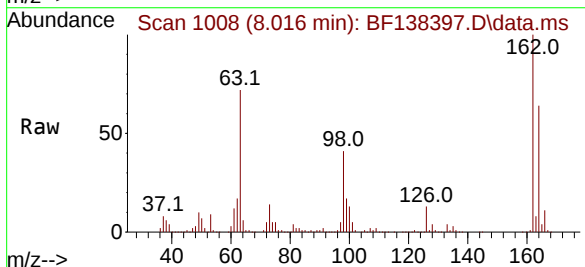
Instrument :
BNA_F
ClientSampleId :
PB161809BS

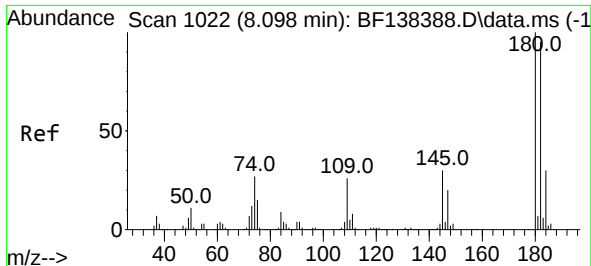
Tgt Ion: 93 Resp: 795705
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.5 9.6 14.4



#29
2,4-Dichlorophenol
Concen: 43.342 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion: 162 Resp: 524514
Ion Ratio Lower Upper
162 100
164 63.8 45.4 85.4
98 41.4 15.2 55.2





#30

1,2,4-Trichlorobenzene

Concen: 39.800 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

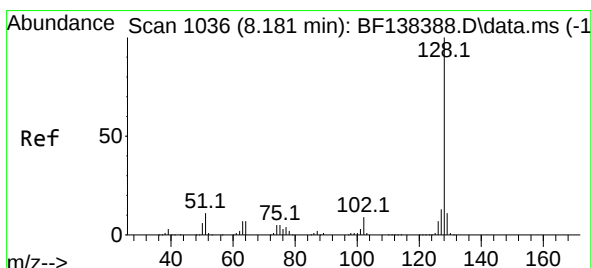
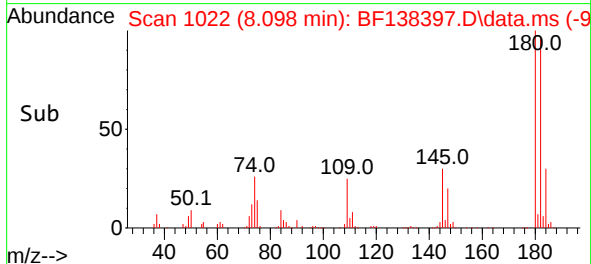
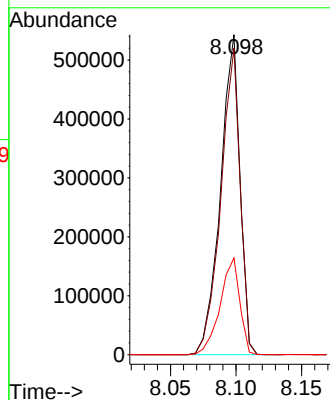
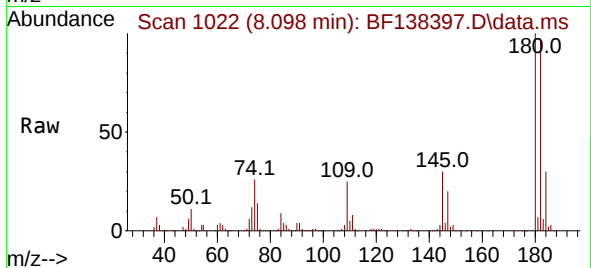
Tgt Ion:180 Resp: 560018

Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 30.2 24.2 36.2



#31

Naphthalene

Concen: 40.828 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

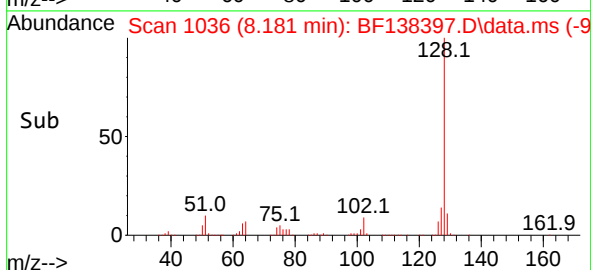
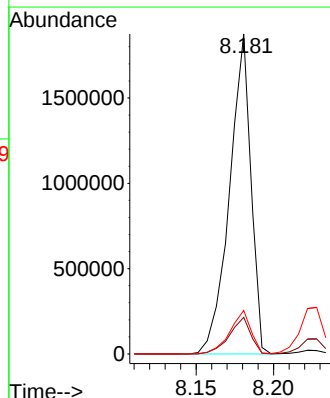
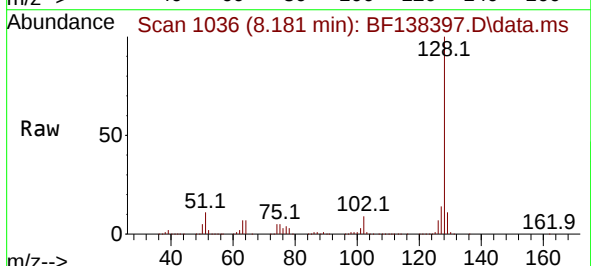
Tgt Ion:128 Resp: 1799252

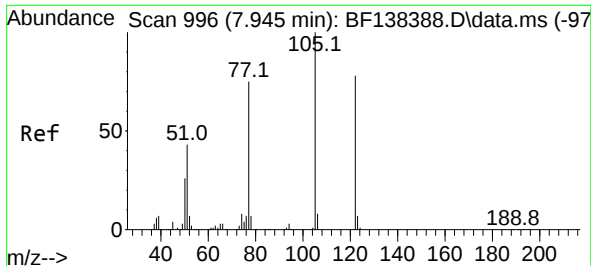
Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

127 13.6 10.6 16.0

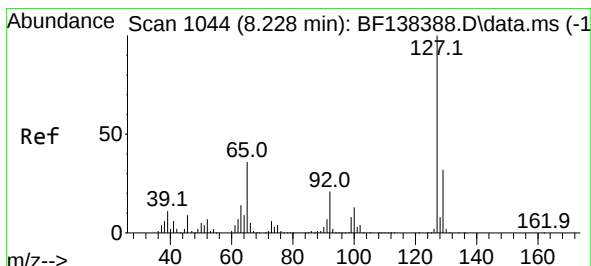
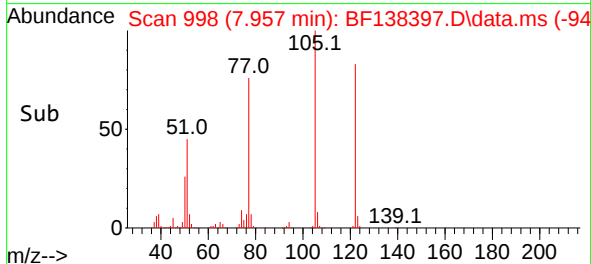
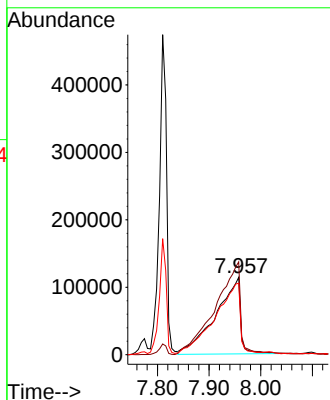
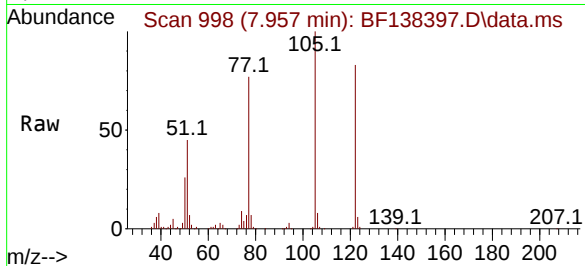




#32
Benzoic acid
Concen: 44.324 ng
RT: 7.957 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

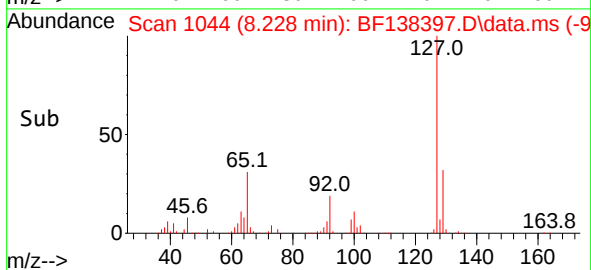
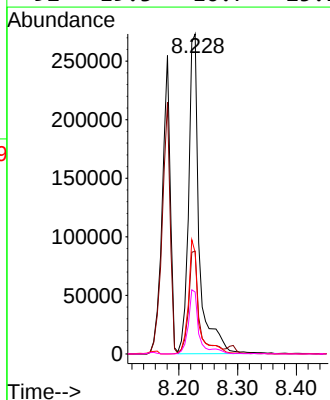
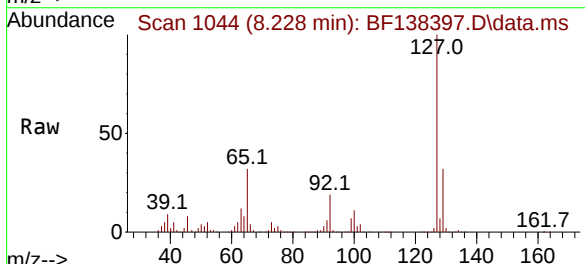
Instrument :
BNA_F
ClientSampleId :
PB161809BS

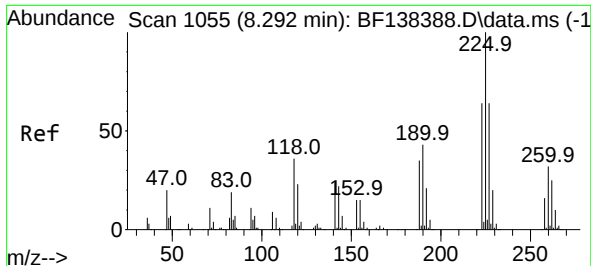
Tgt Ion:122 Resp: 378769
Ion Ratio Lower Upper
122 100
105 120.1 103.8 143.8
77 92.5 74.3 114.3



#33
4-Chloroaniline
Concen: 22.458 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:127 Resp: 345651
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.2
65 31.7 28.7 43.1
92 19.3 16.7 25.1

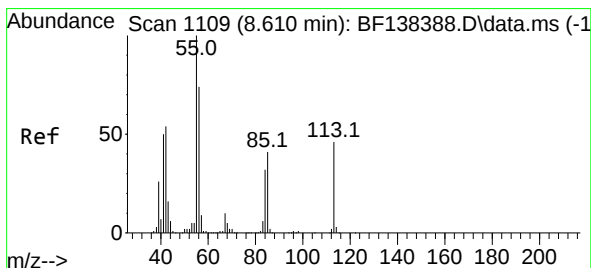
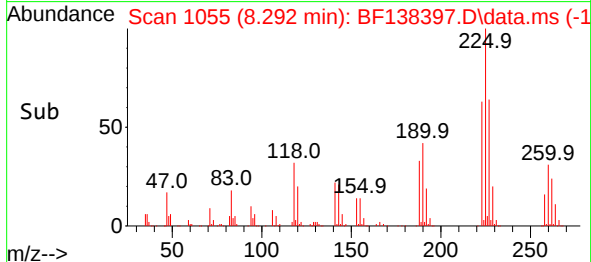
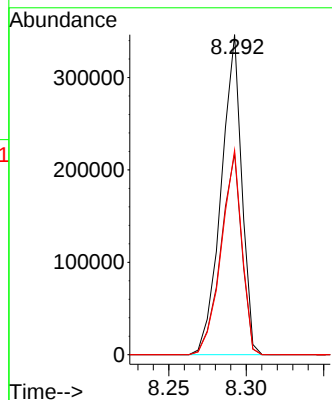
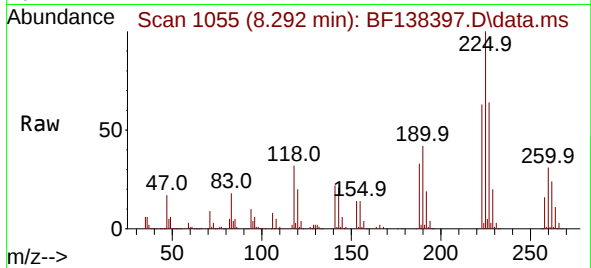




#34
Hexachlorobutadiene
Concen: 37.810 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

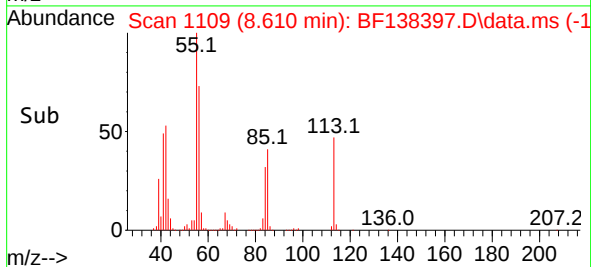
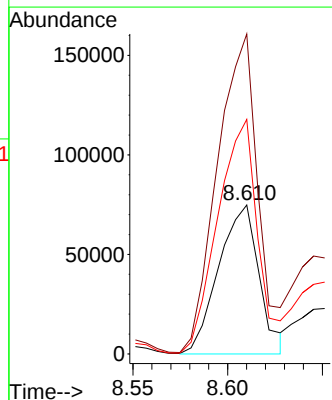
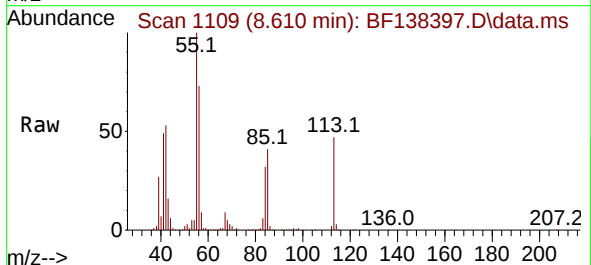
Instrument :
BNA_F
ClientSampleId :
PB161809BS

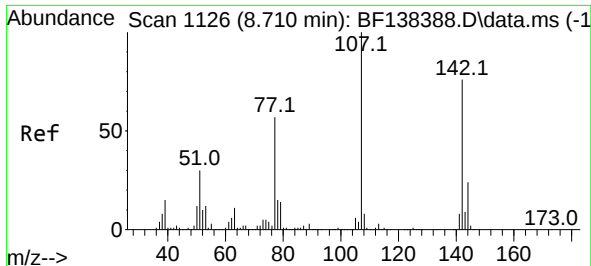
Tgt Ion:225 Resp: 319417
Ion Ratio Lower Upper
225 100
223 62.8 51.0 76.6
227 63.9 51.2 76.8



#35
Caprolactam
Concen: 29.031 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:113 Resp: 110939
Ion Ratio Lower Upper
113 100
55 214.9 195.9 235.9
56 157.6 138.7 178.7

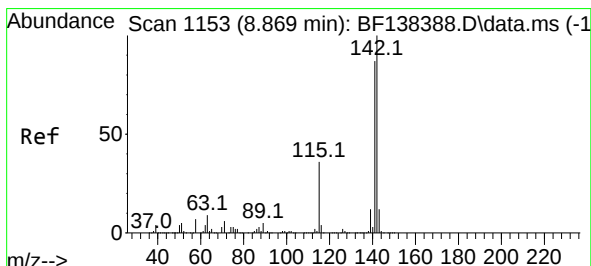
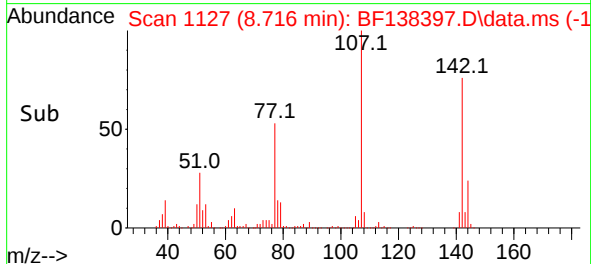
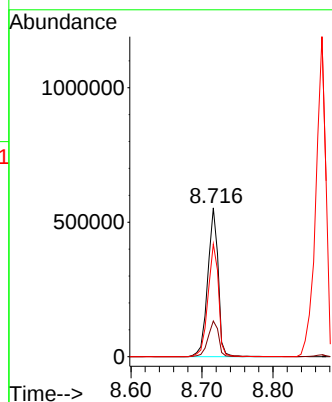
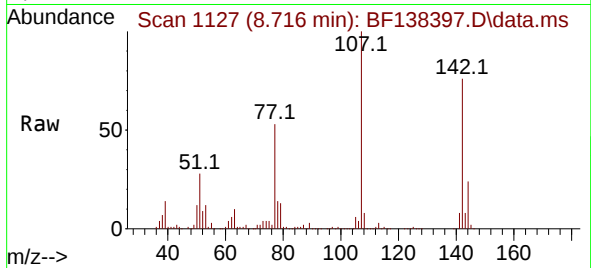




#36
4-Chloro-3-methylphenol
Concen: 43.908 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

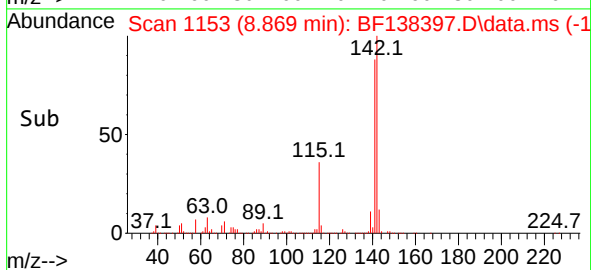
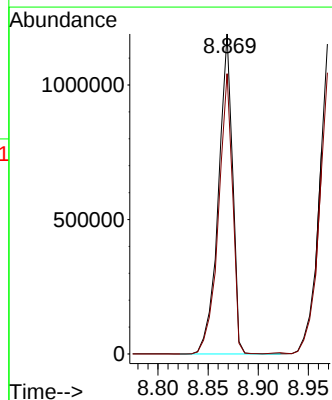
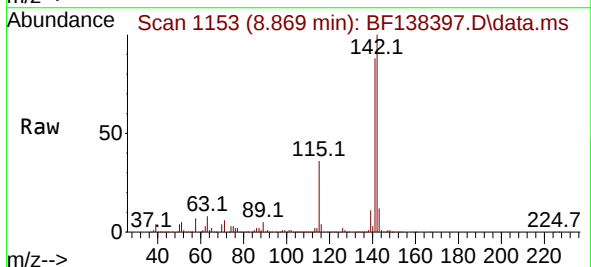
Instrument :
BNA_F
ClientSampleId :
PB161809BS

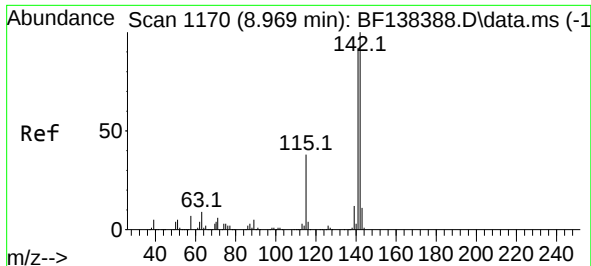
Tgt Ion:107 Resp: 565979
Ion Ratio Lower Upper
107 100
144 24.0 19.2 28.8
142 75.7 61.0 91.6



#37
2-Methylnaphthalene
Concen: 40.764 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:142 Resp: 1161004
Ion Ratio Lower Upper
142 100
141 87.6 69.6 104.4

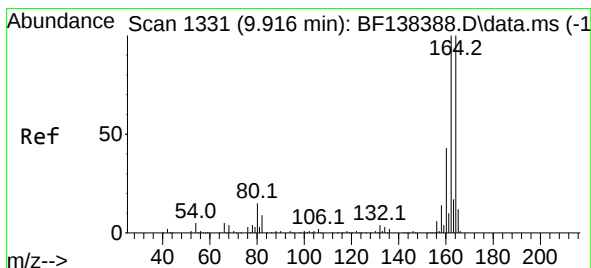
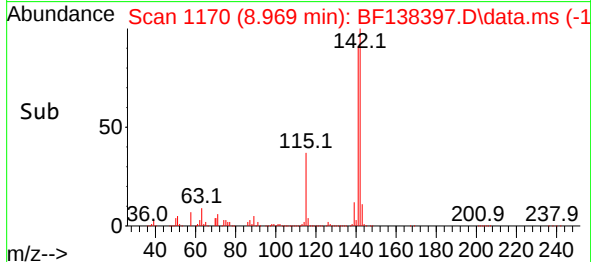
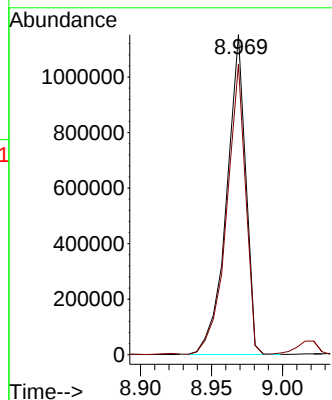
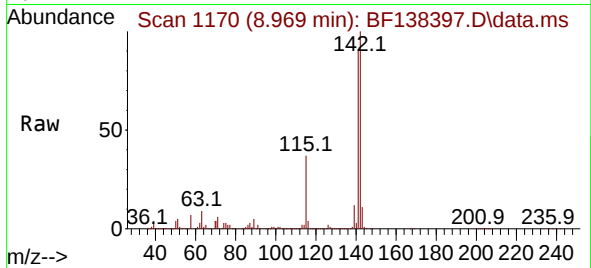




#38
1-Methylnaphthalene
Concen: 39.065 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

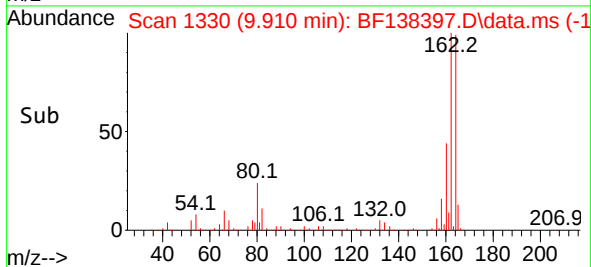
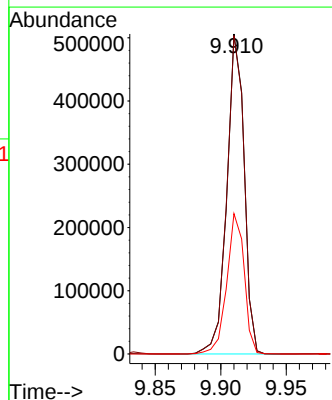
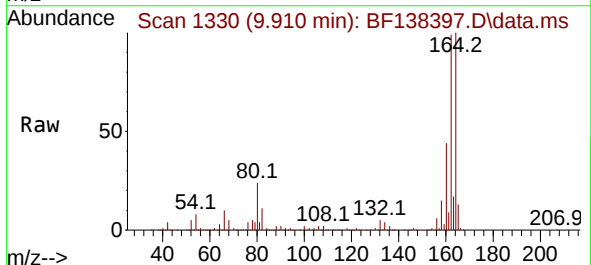
Instrument :
BNA_F
ClientSampleId :
PB161809BS

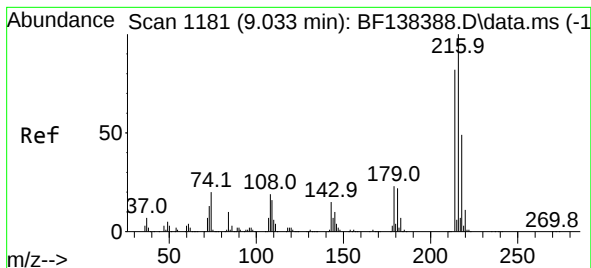
Tgt Ion:142 Resp: 1079024
Ion Ratio Lower Upper
142 100
141 90.8 73.7 110.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:164 Resp: 463965
Ion Ratio Lower Upper
164 100
162 99.5 80.1 120.1
160 43.9 34.1 51.1



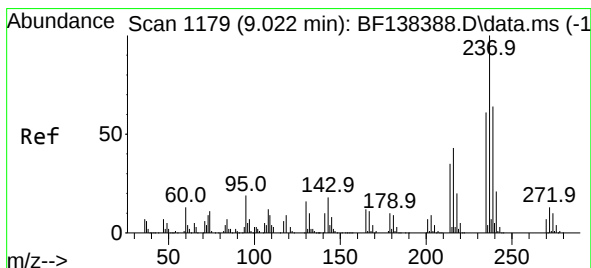
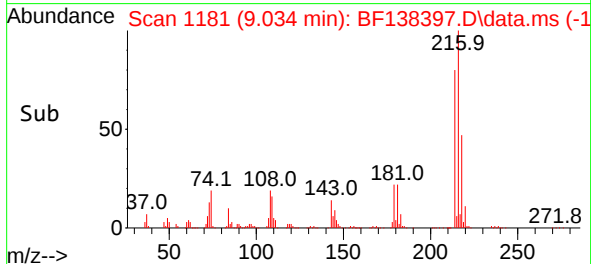
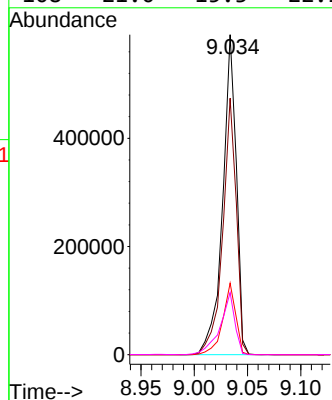
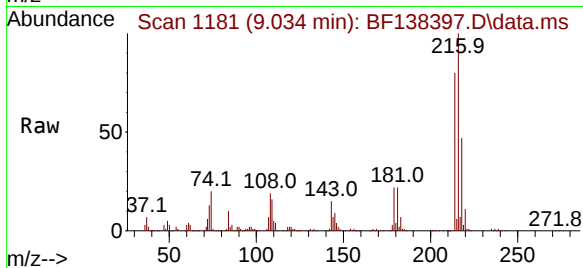


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.857 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB161809BS

Tgt Ion:216 Resp: 524336

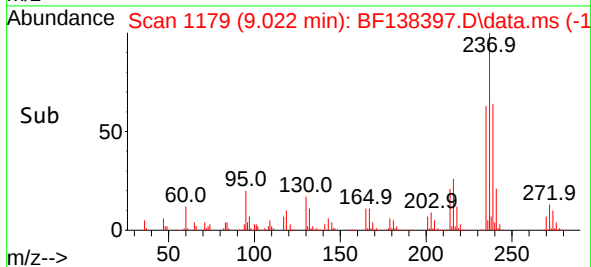
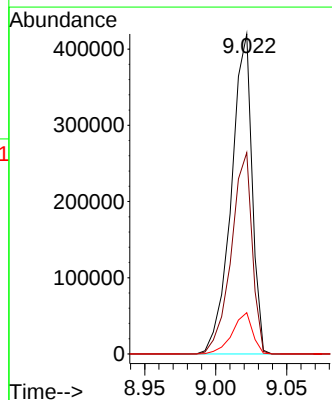
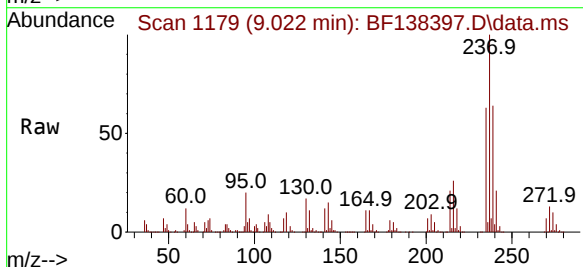
Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.2	96.4
179	21.6	17.4	26.0
108	21.0	15.3	22.9

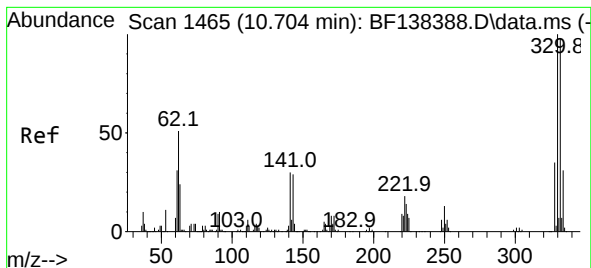


#41
Hexachlorocyclopentadiene
Concen: 113.180 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:237 Resp: 427542

Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.4	81.4
272	12.9	0.0	33.1

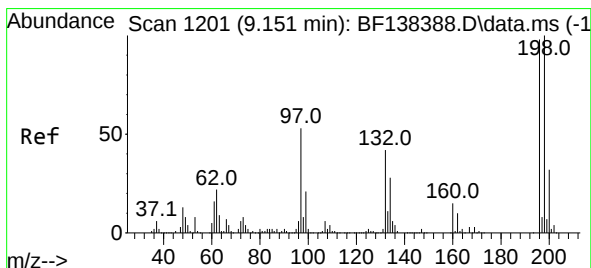
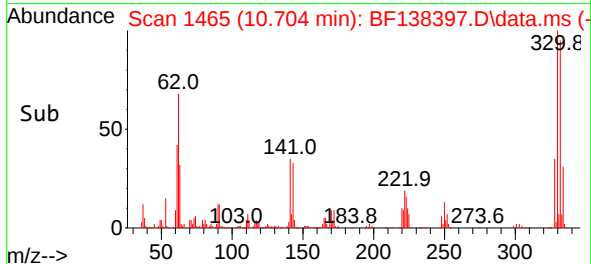
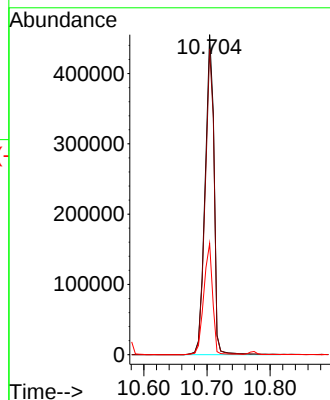
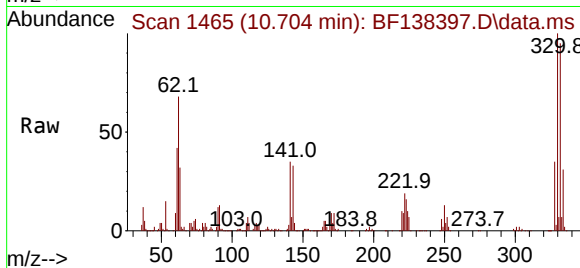




#42
2,4,6-Tribromophenol
Concen: 117.870 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

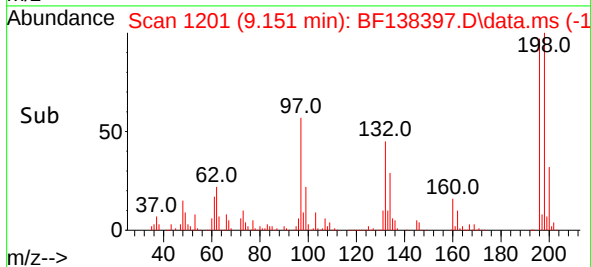
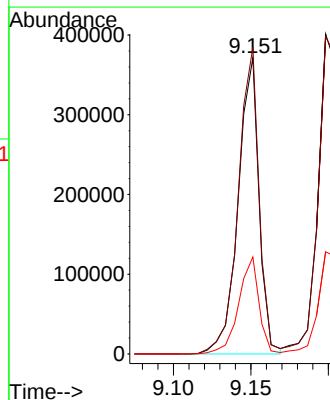
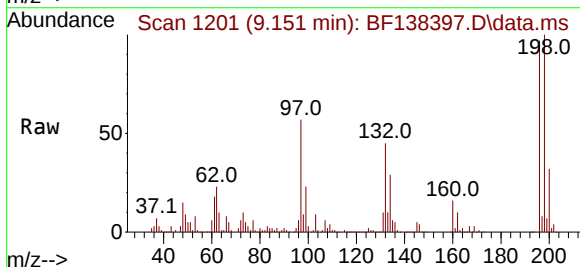
Instrument :
BNA_F
ClientSampleId :
PB161809BS

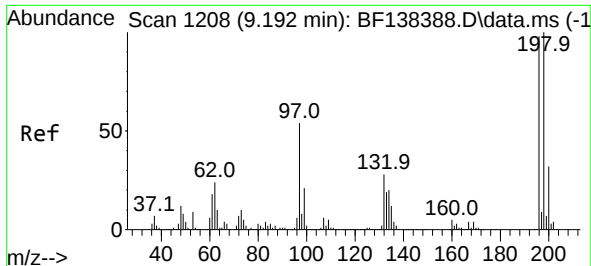
Tgt Ion:330 Resp: 446804
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 34.5 28.1 42.1



#43
2,4,6-Trichlorophenol
Concen: 42.554 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:196 Resp: 347495
Ion Ratio Lower Upper
196 100
198 103.6 81.8 122.8
200 32.7 26.2 39.4

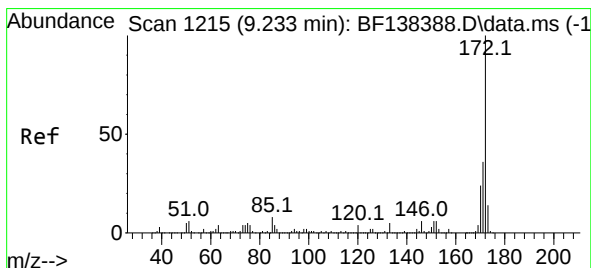
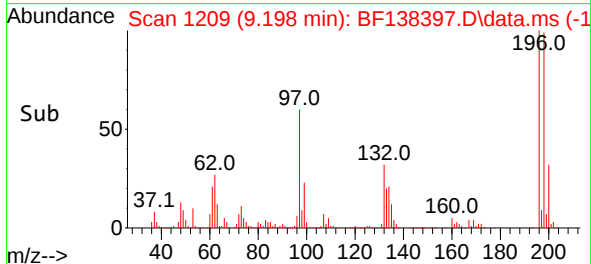
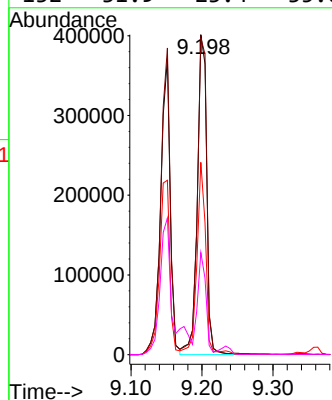
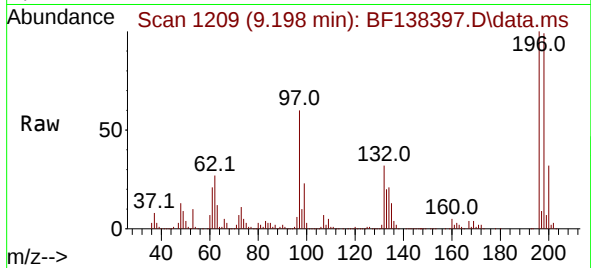




#44
2,4,5-Trichlorophenol
Concen: 41.656 ng
RT: 9.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

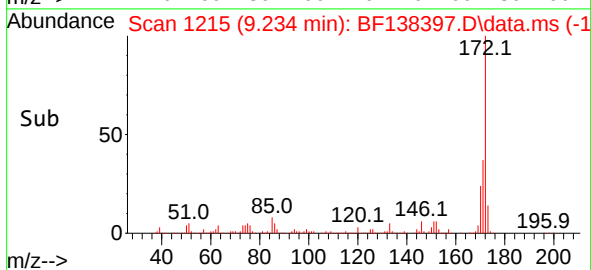
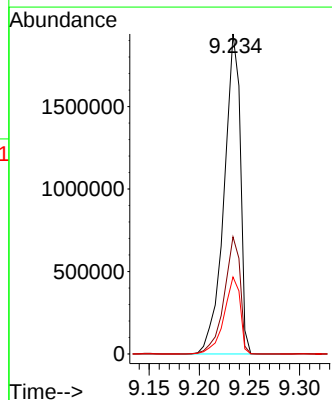
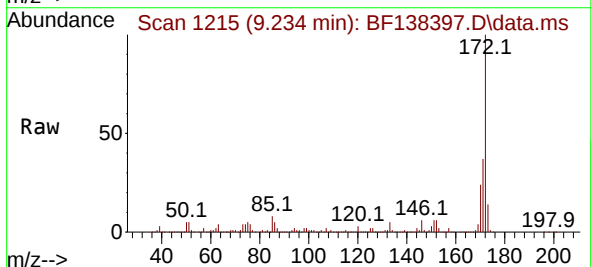
Instrument :
BNA_F
ClientSampleId :
PB161809BS

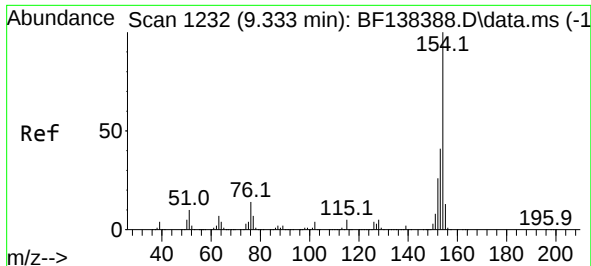
Tgt Ion:196 Resp: 369944
Ion Ratio Lower Upper
196 100
198 99.1 81.8 122.6
97 60.1 44.2 66.4
132 31.9 23.4 35.0



#45
2-Fluorobiphenyl
Concen: 74.968 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.001 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:172 Resp: 2185591
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.0 19.0 28.6

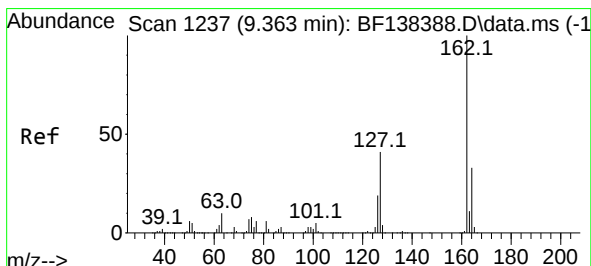
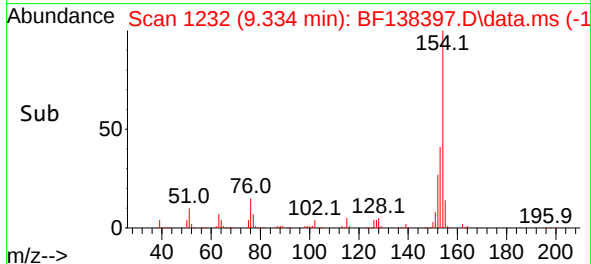
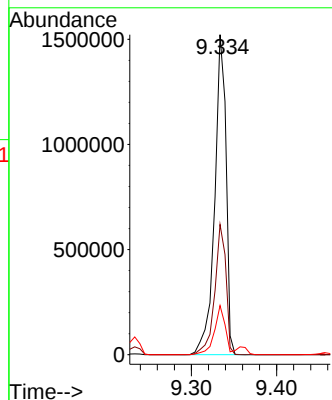
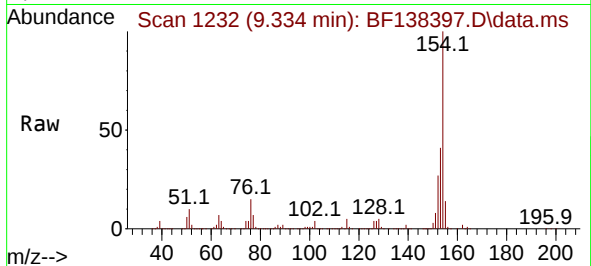




#46
1,1'-Biphenyl
Concen: 40.850 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

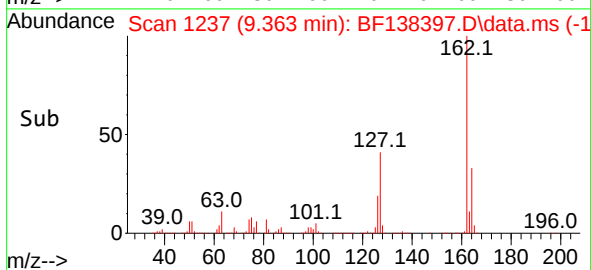
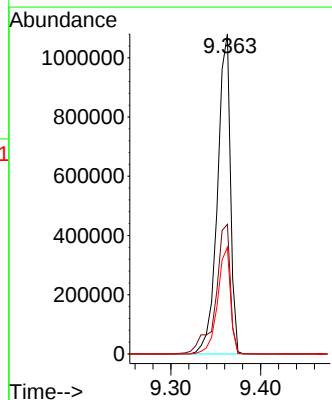
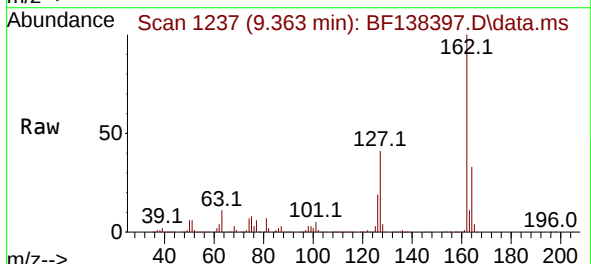
Instrument :
BNA_F
ClientSampleId :
PB161809BS

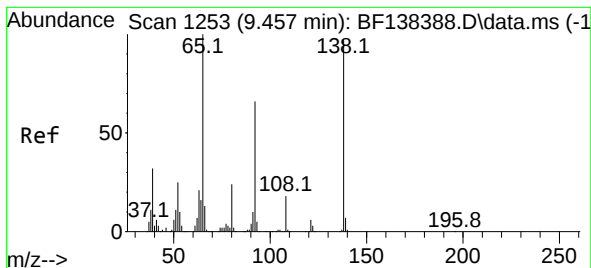
Tgt Ion:154 Resp: 1415153
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 15.4 0.0 34.4



#47
2-Chloronaphthalene
Concen: 40.862 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:162 Resp: 1079311
Ion Ratio Lower Upper
162 100
127 40.5 32.7 49.1
164 33.3 26.6 40.0





#48

2-Nitroaniline

Concen: 46.200 ng

RT: 9.457 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

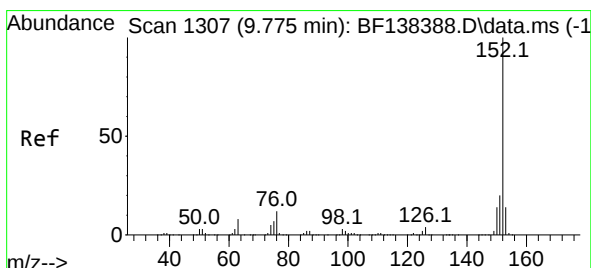
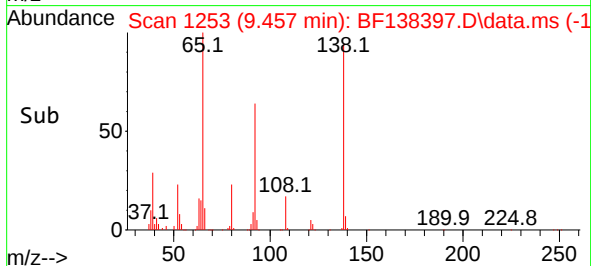
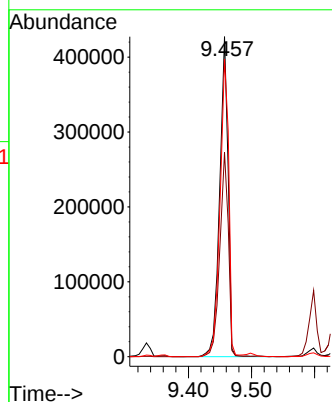
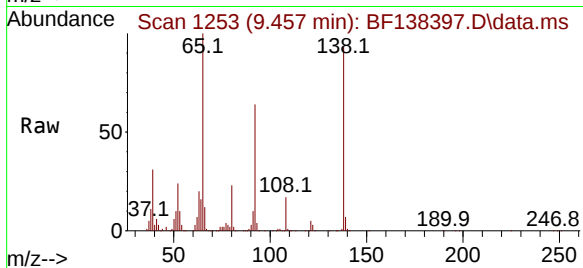
Tgt Ion: 65 Resp: 393627

Ion Ratio Lower Upper

65 100

92 63.9 52.6 79.0

138 93.0 77.4 116.0



#49

Acenaphthylene

Concen: 44.779 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

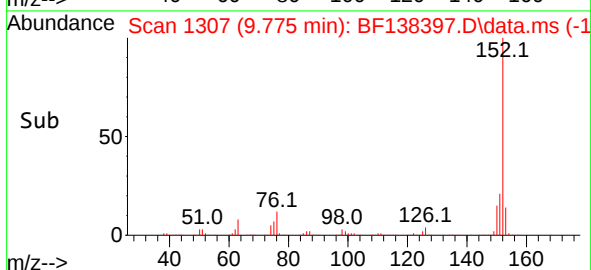
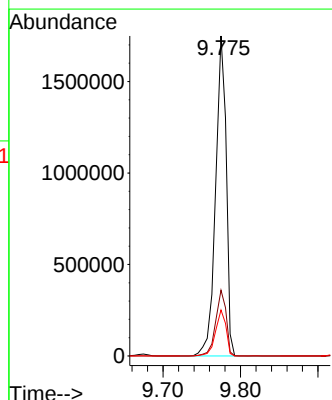
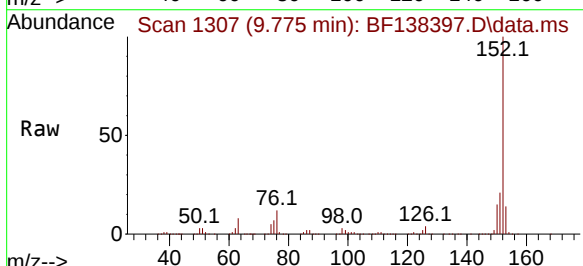
Tgt Ion: 152 Resp: 1663417

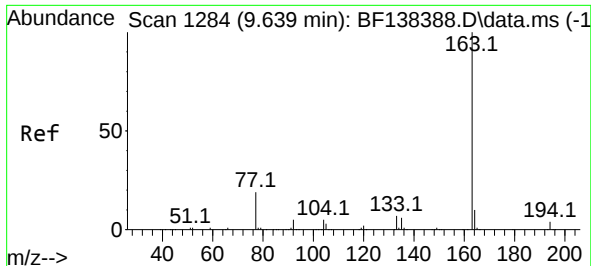
Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.4 11.4 17.2

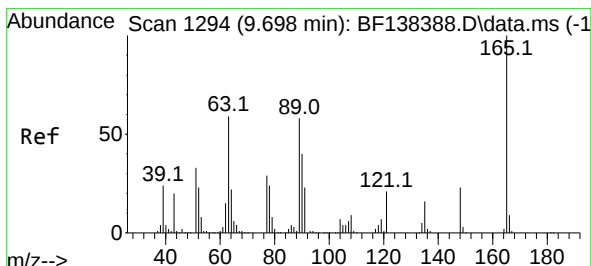
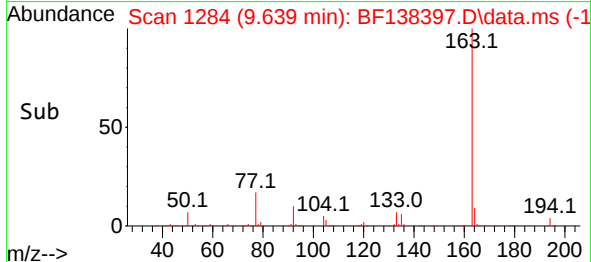
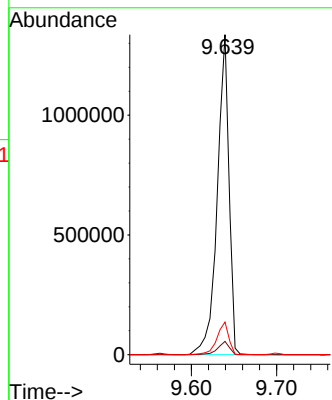
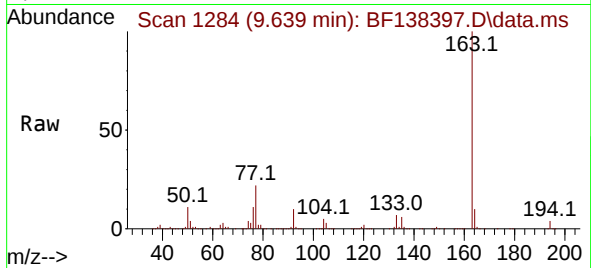




#50
Dimethylphthalate
Concen: 42.903 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

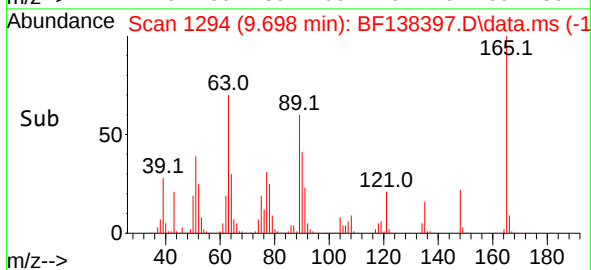
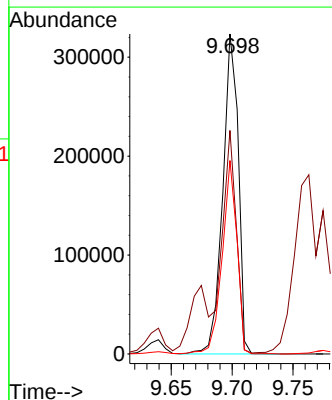
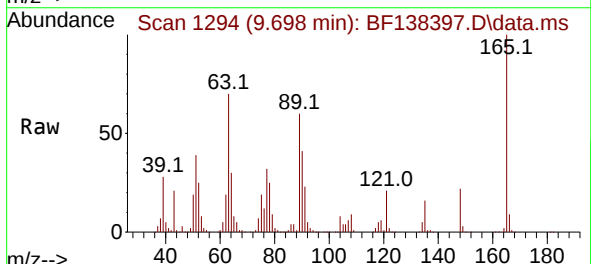
Instrument :
BNA_F
ClientSampleId :
PB161809BS

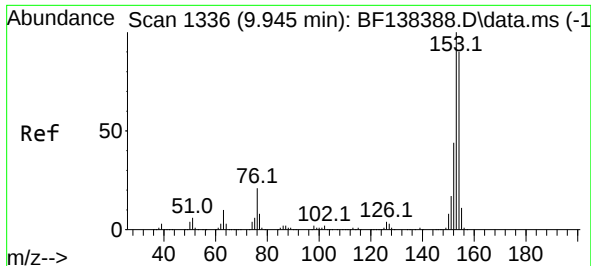
Tgt Ion:163 Resp: 1279303
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 43.010 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:165 Resp: 287231
Ion Ratio Lower Upper
165 100
63 69.9 53.8 80.8
89 60.4 46.4 69.6

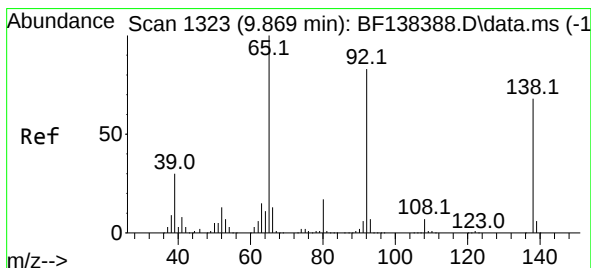
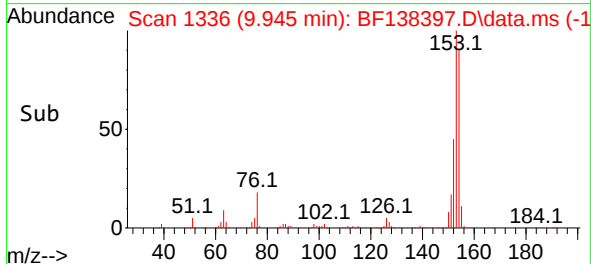
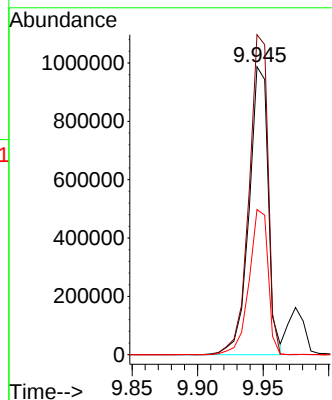
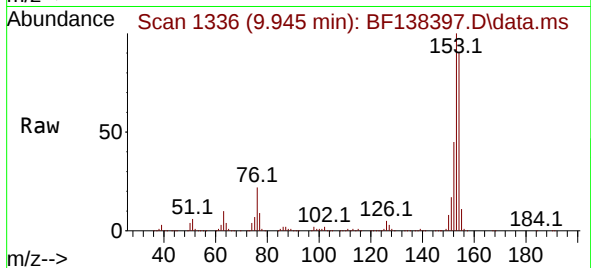




#52
Acenaphthene
Concen: 39.380 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

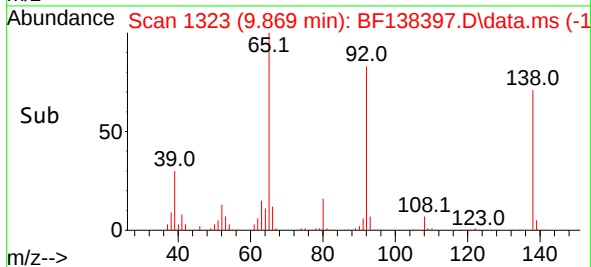
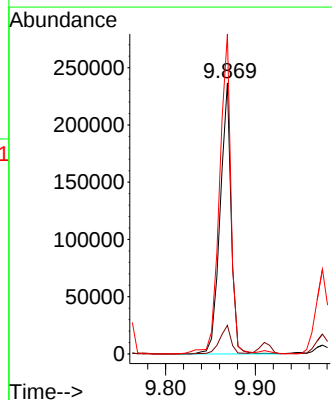
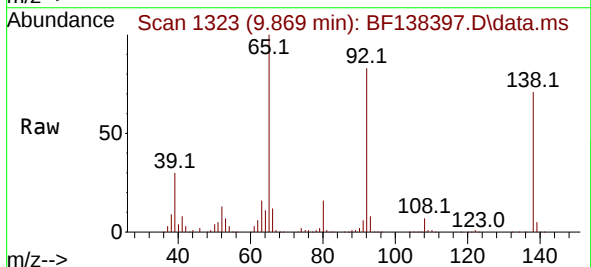
Instrument :
BNA_F
ClientSampleId :
PB161809BS

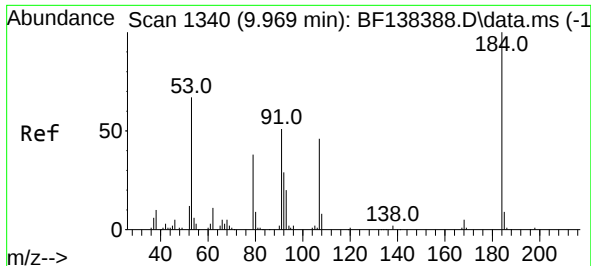
Tgt Ion:154 Resp: 1001654
Ion Ratio Lower Upper
154 100
153 111.1 89.4 134.0
152 50.4 39.7 59.5



#53
3-Nitroaniline
Concen: 30.653 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:138 Resp: 202177
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 118.0 97.3 145.9





#54

2,4-Dinitrophenol

Concen: 89.713 ng

RT: 9.975 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

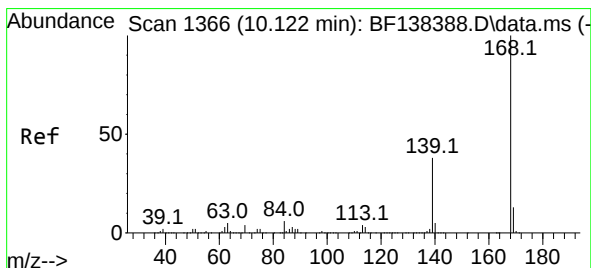
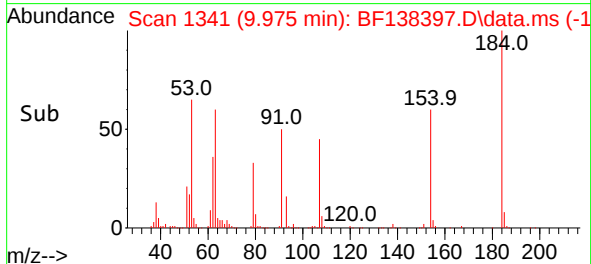
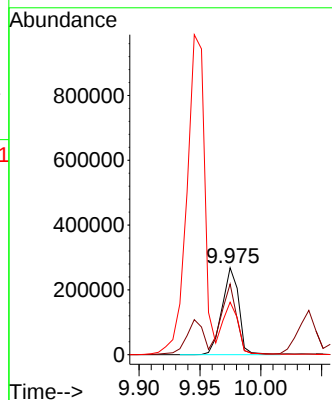
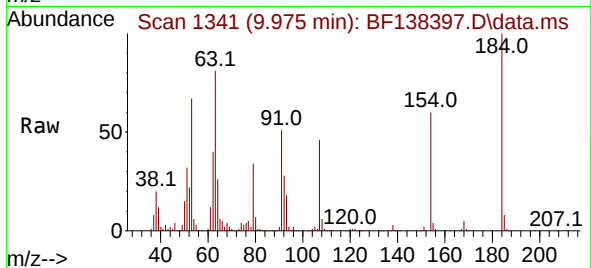
Tgt Ion:184 Resp: 256858

Ion Ratio Lower Upper

184 100

63 81.4 67.3 100.9

154 60.4 51.0 76.4



#55

Dibenzofuran

Concen: 41.628 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

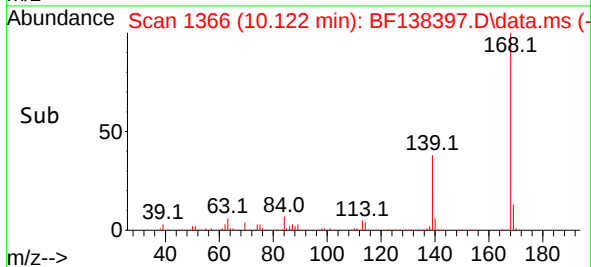
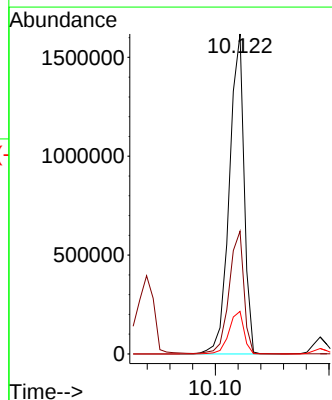
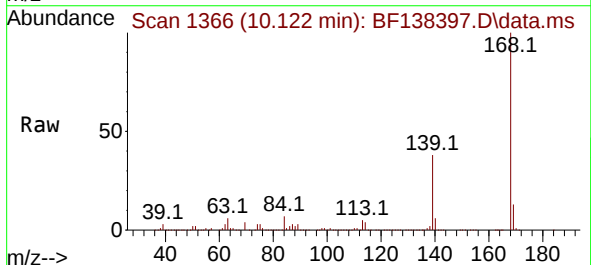
Tgt Ion:168 Resp: 1458868

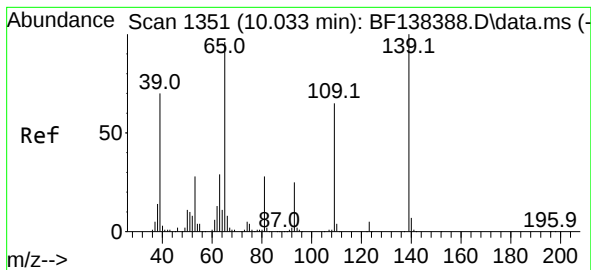
Ion Ratio Lower Upper

168 100

139 38.4 30.4 45.6

169 13.3 10.7 16.1

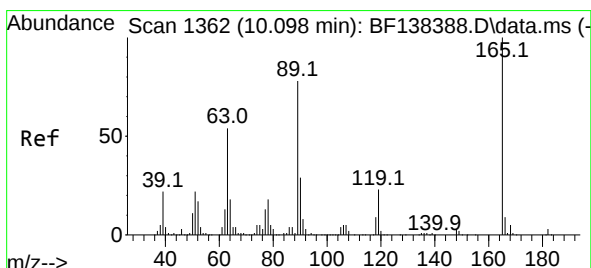
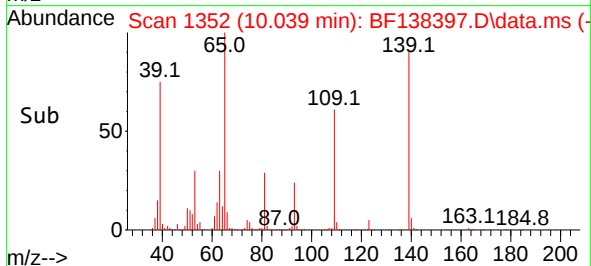
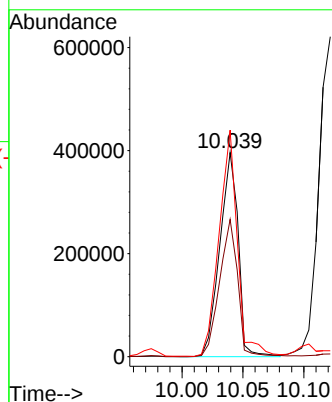
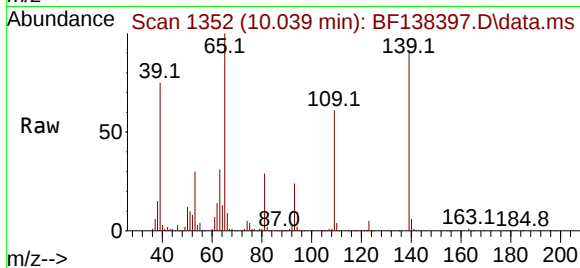




#56
4-Nitrophenol
Concen: 97.535 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

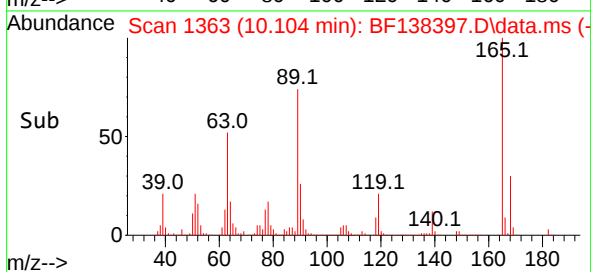
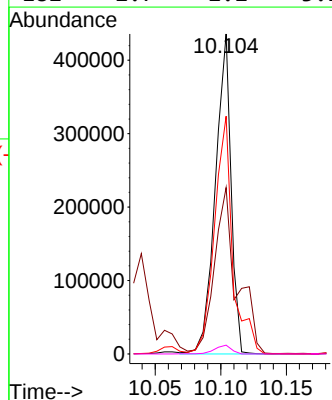
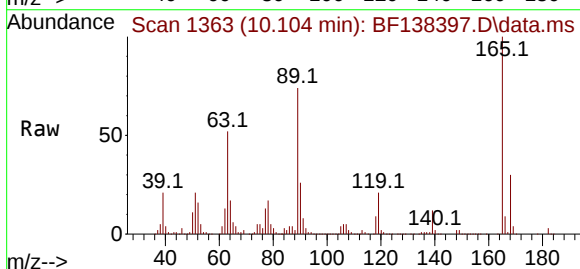
Instrument :
BNA_F
ClientSampleId :
PB161809BS

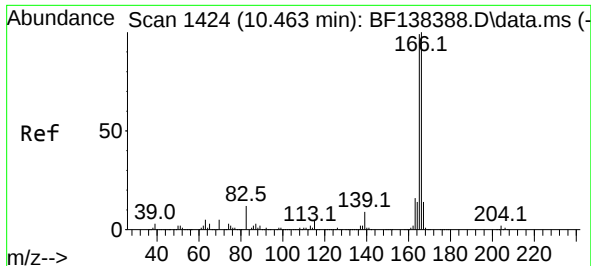
Tgt Ion:139 Resp: 417108
Ion Ratio Lower Upper
139 100
109 67.3 44.6 84.6
65 111.0 75.9 115.9



#57
2,4-Dinitrotoluene
Concen: 44.104 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:165 Resp: 362652
Ion Ratio Lower Upper
165 100
63 52.0 43.4 65.2
89 74.3 62.6 93.8
182 2.7 2.2 3.2

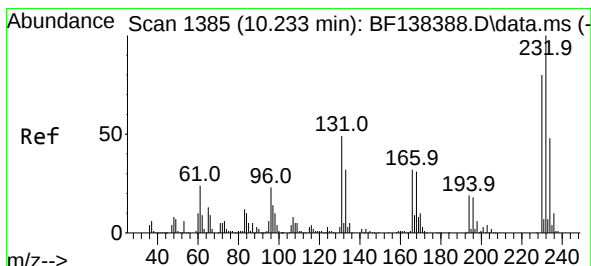
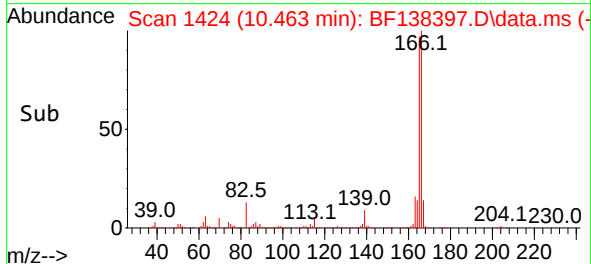
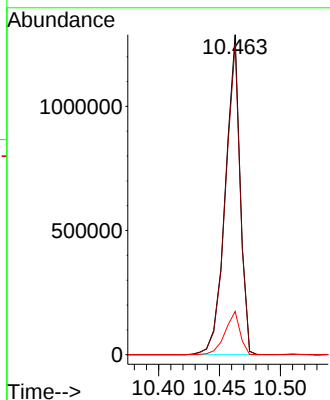
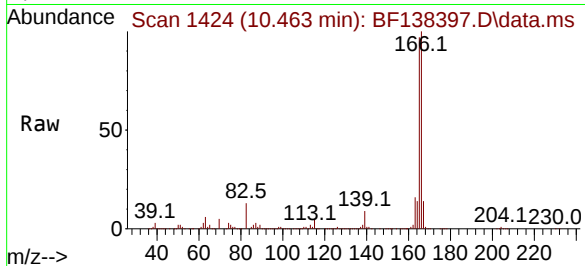




#58
Fluorene
Concen: 39.181 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

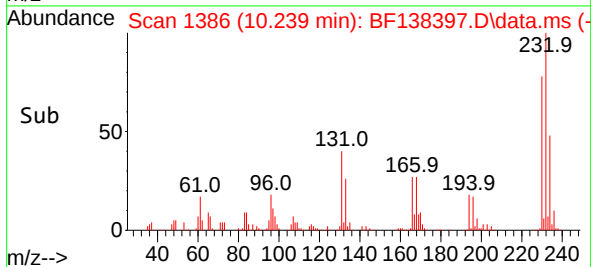
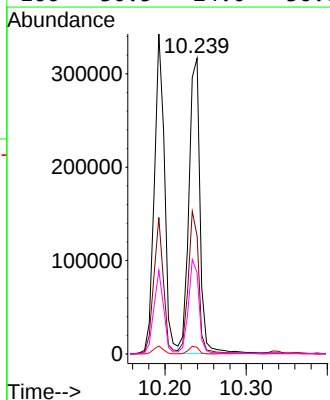
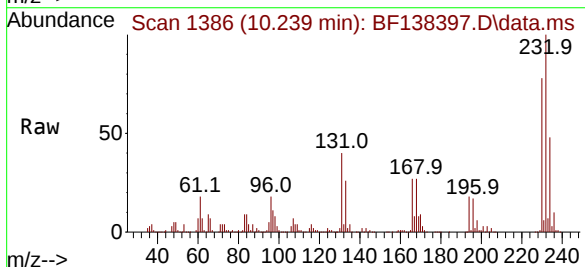
Instrument :
BNA_F
ClientSampleId :
PB161809BS

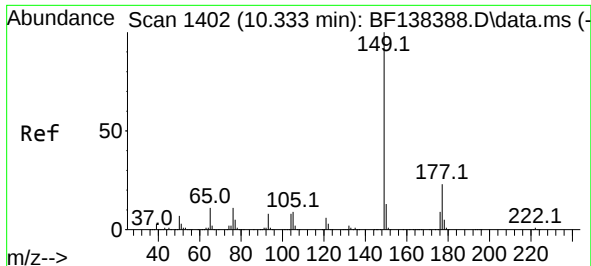
Tgt Ion:166 Resp: 1091074
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 13.5 10.8 16.2



#59
2,3,4,6-Tetrachlorophenol
Concen: 45.616 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:232 Resp: 300904
Ion Ratio Lower Upper
232 100
131 45.5 36.6 55.0
130 2.4 1.8 2.8
166 30.5 24.0 36.0

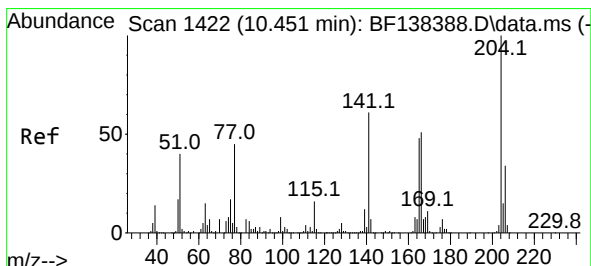
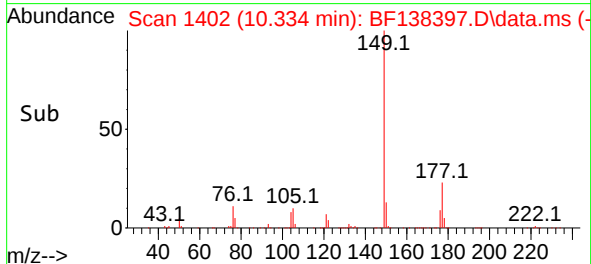
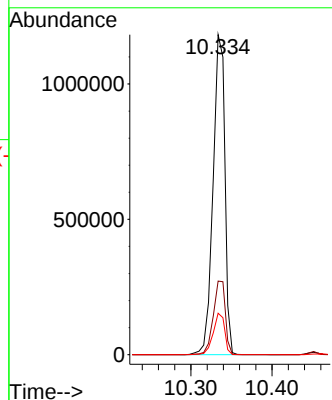
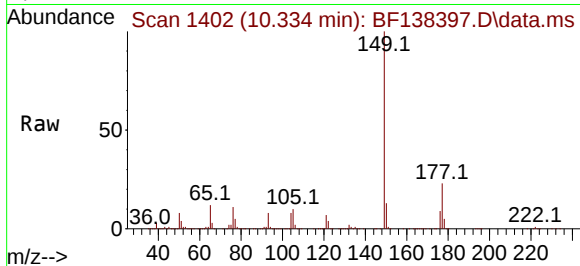




#60
Diethylphthalate
Concen: 42.789 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

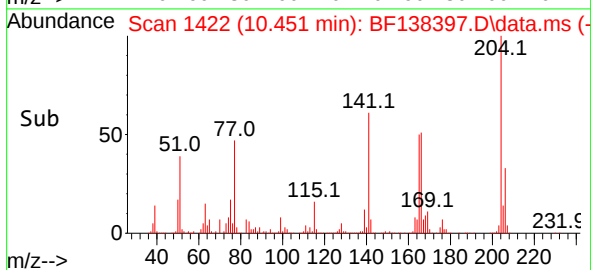
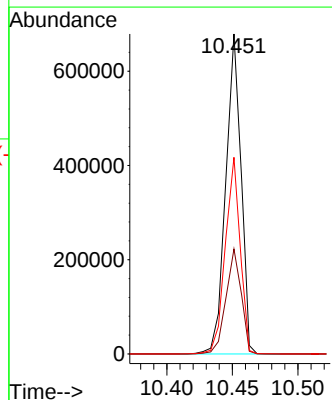
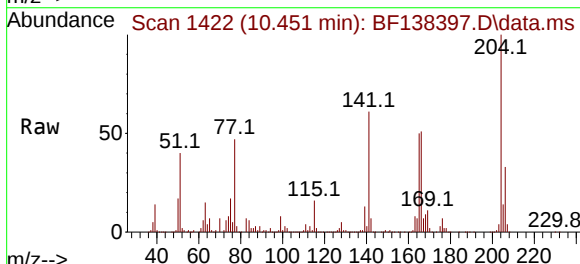
Instrument :
BNA_F
ClientSampleId :
PB161809BS

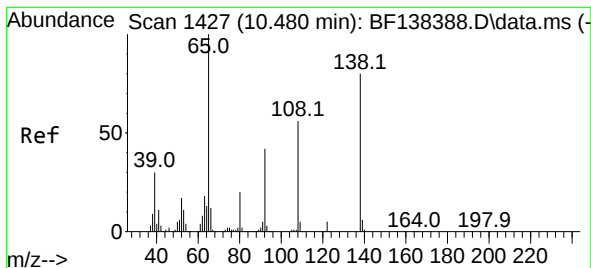
Tgt Ion:149 Resp: 1192897
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 13.0 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 38.819 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:204 Resp: 548467
Ion Ratio Lower Upper
204 100
206 32.8 27.1 40.7
141 61.4 48.4 72.6

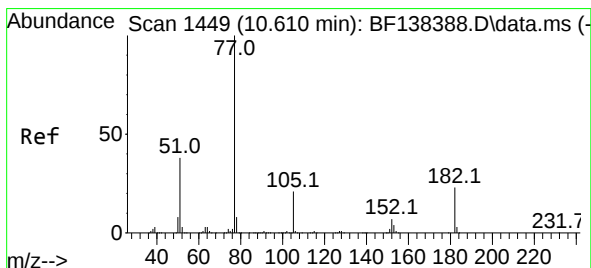
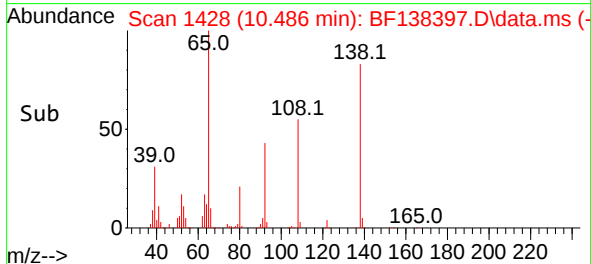
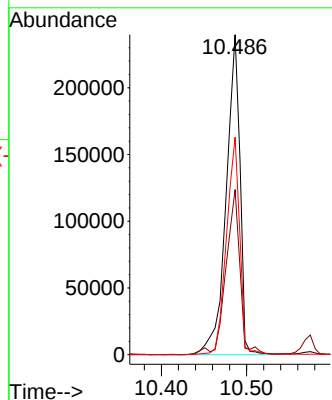
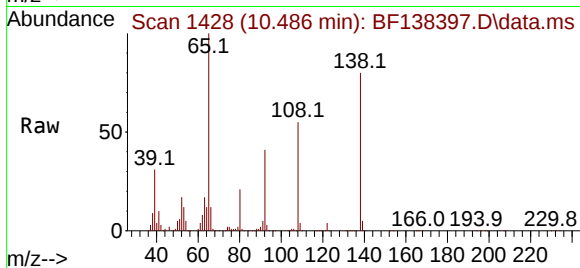




#62
4-Nitroaniline
Concen: 44.854 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

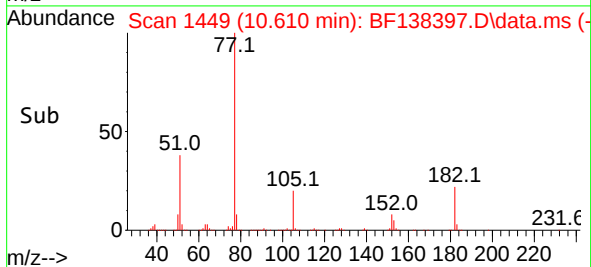
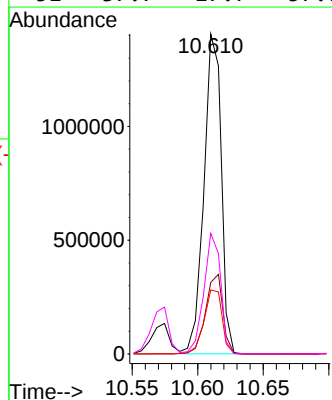
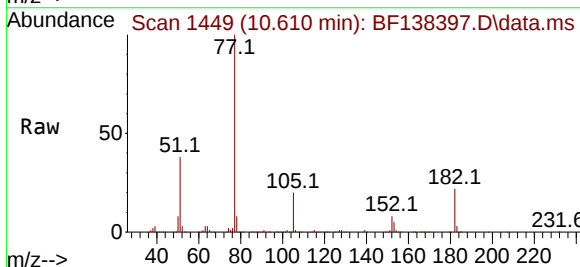
Instrument :
BNA_F
ClientSampleId :
PB161809BS

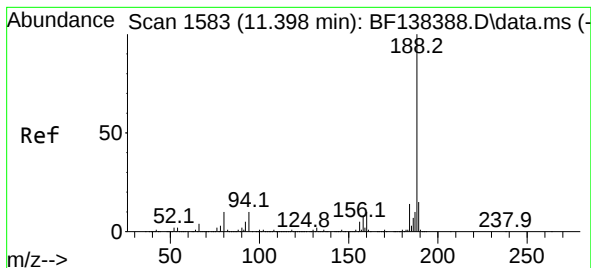
Tgt Ion:138 Resp: 271549
Ion Ratio Lower Upper
138 100
92 51.6 32.6 72.6
108 67.9 50.3 90.3



#63
Azobenzene
Concen: 44.030 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion: 77 Resp: 1296346
Ion Ratio Lower Upper
77 100
182 22.3 2.7 42.7
105 20.0 0.6 40.6
51 37.7 17.7 57.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

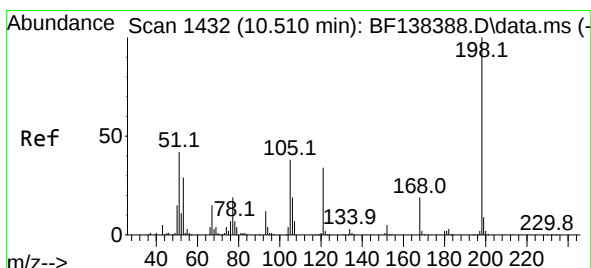
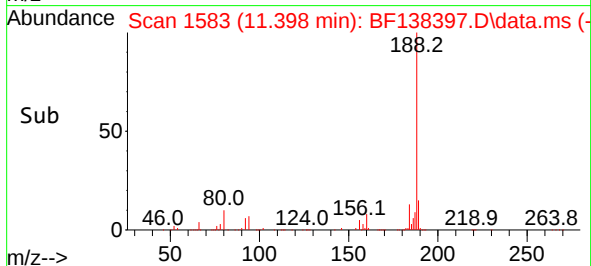
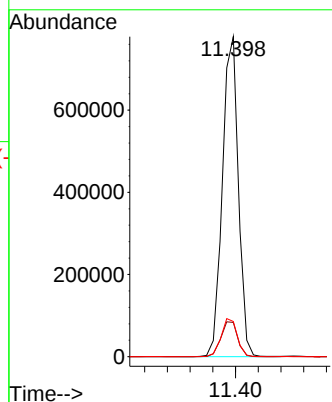
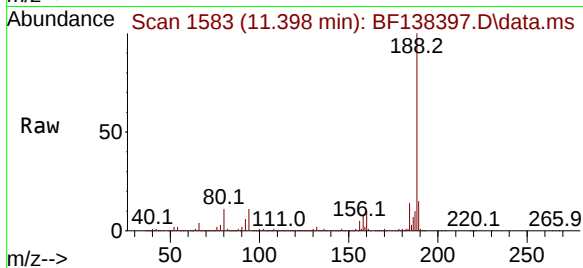
Tgt Ion:188 Resp: 761964

Ion Ratio Lower Upper

188 100

94 10.7 8.0 12.0

80 11.0 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 46.428 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

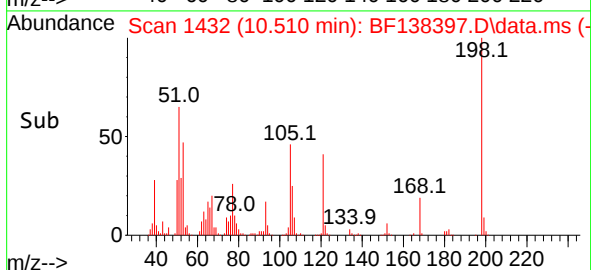
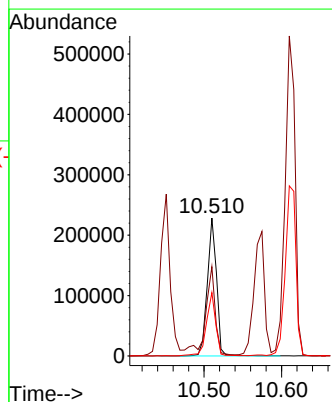
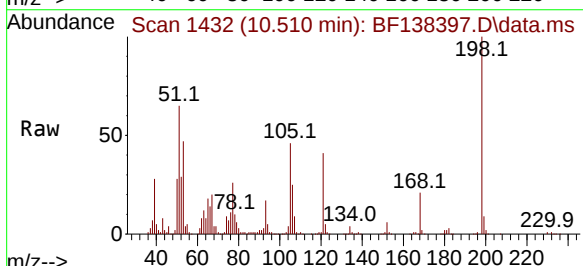
Tgt Ion:198 Resp: 188540

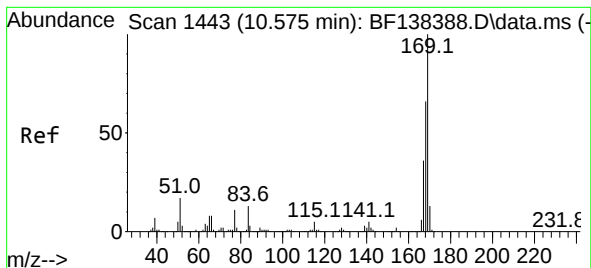
Ion Ratio Lower Upper

198 100

51 64.7 27.9 67.9

105 46.0 18.2 58.2

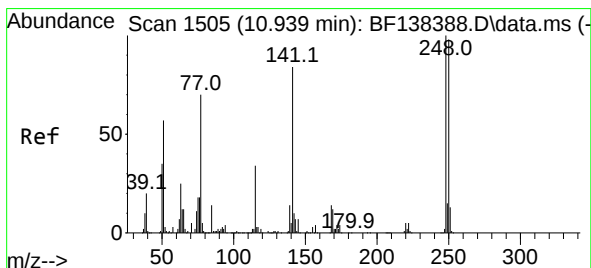
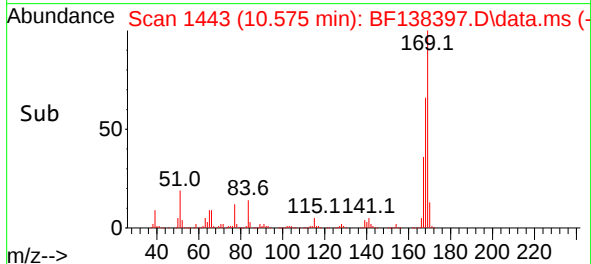
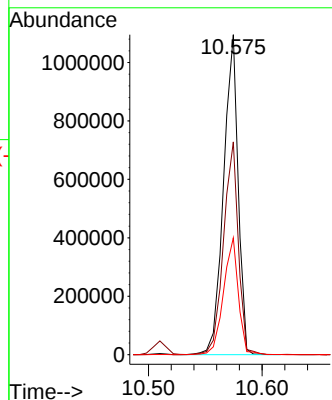
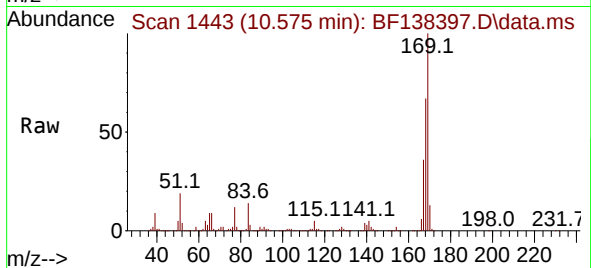




#66
n-Nitrosodiphenylamine
Concen: 41.448 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

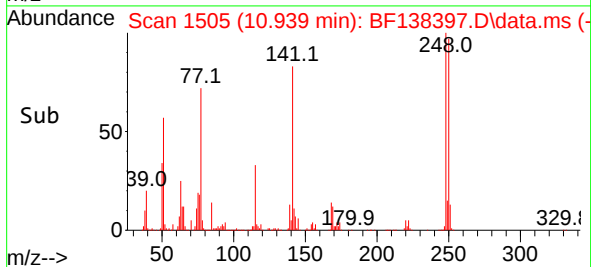
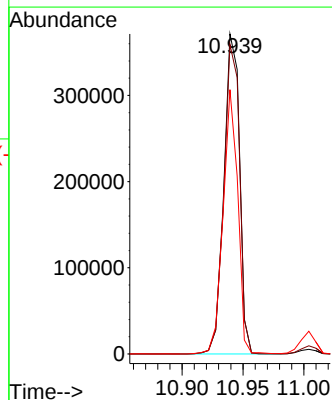
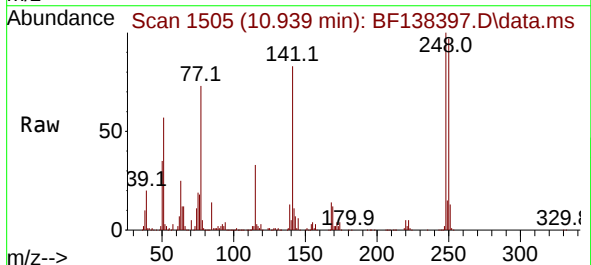
Instrument :
BNA_F
ClientSampleId :
PB161809BS

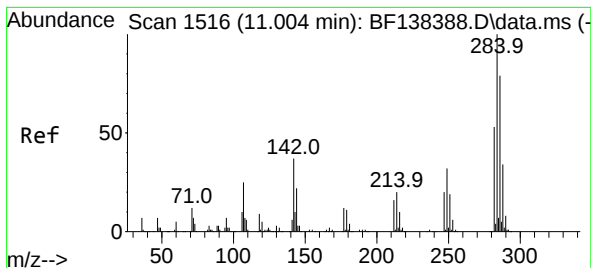
Tgt Ion:169 Resp: 980447
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.5 28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 40.707 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:248 Resp: 333399
Ion Ratio Lower Upper
248 100
250 96.7 78.2 117.4
141 82.6 67.6 101.4





#68

Hexachlorobenzene

Concen: 39.659 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

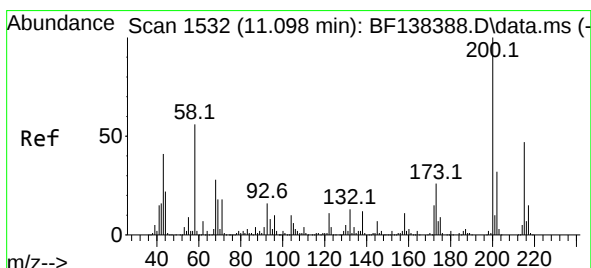
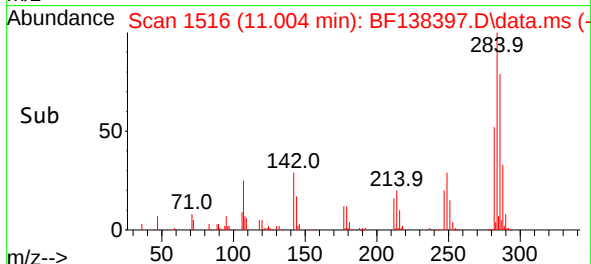
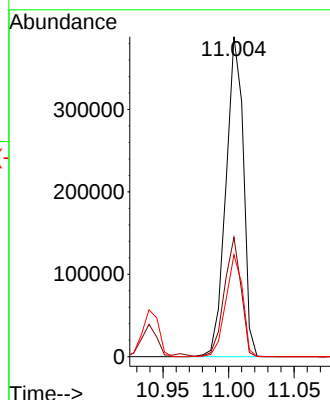
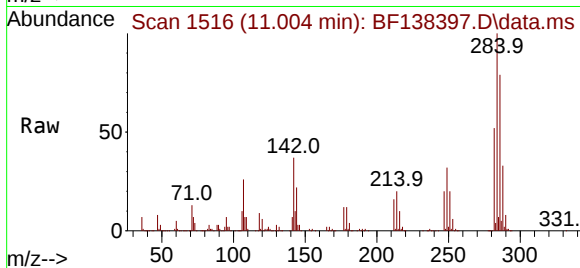
Tgt Ion:284 Resp: 358007

Ion Ratio Lower Upper

284 100

142 37.3 29.2 43.8

249 31.9 25.8 38.6



#69

Atrazine

Concen: 44.194 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

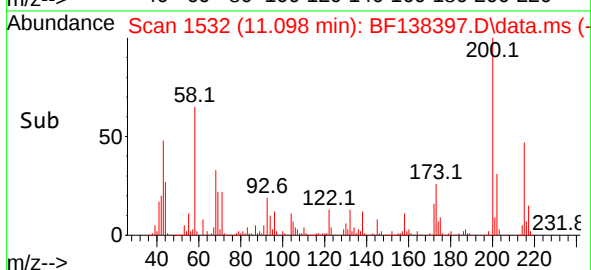
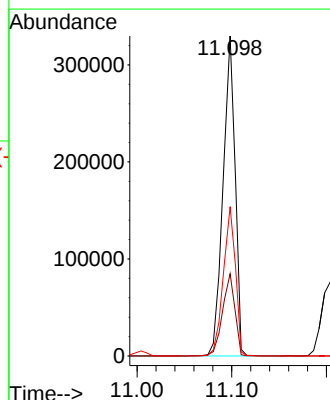
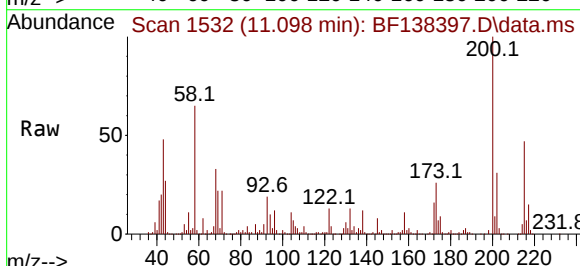
Tgt Ion:200 Resp: 293111

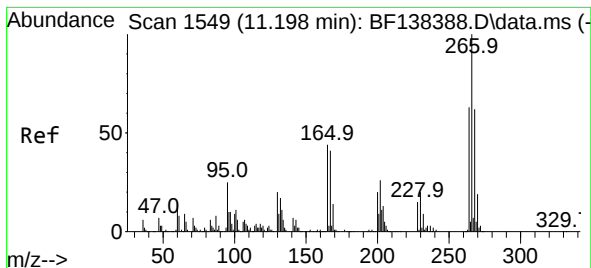
Ion Ratio Lower Upper

200 100

173 25.7 6.2 46.2

215 46.7 27.4 67.4





#70

Pentachlorophenol

Concen: 85.958 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

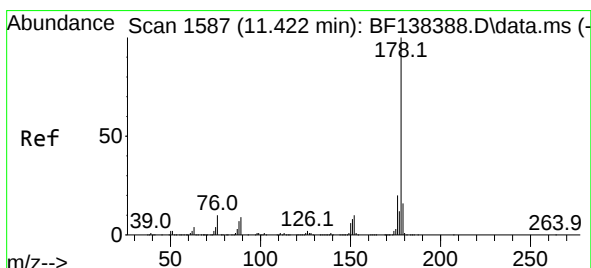
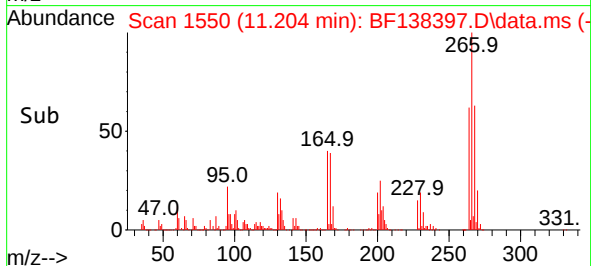
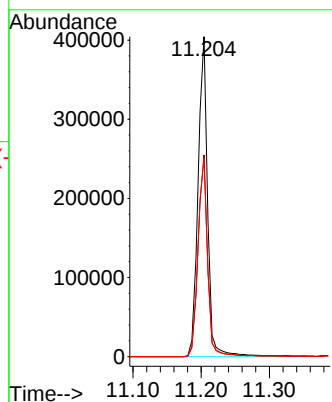
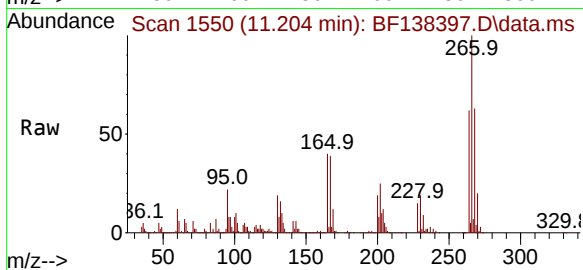
Tgt Ion:266 Resp: 393836

Ion Ratio Lower Upper

266 100

268 63.0 49.9 74.9

264 62.1 50.0 75.0



#71

Phenanthrene

Concen: 42.293 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

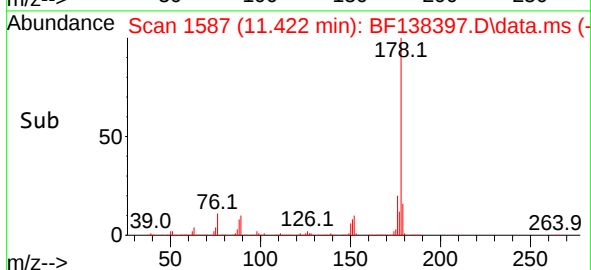
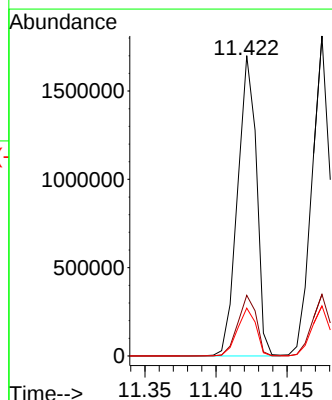
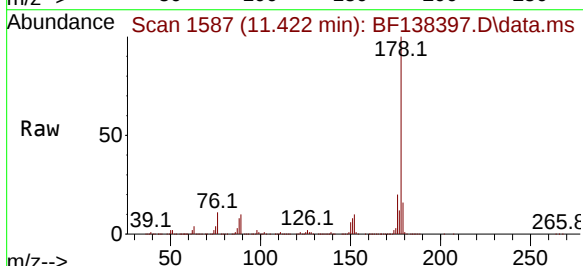
Tgt Ion:178 Resp: 1573406

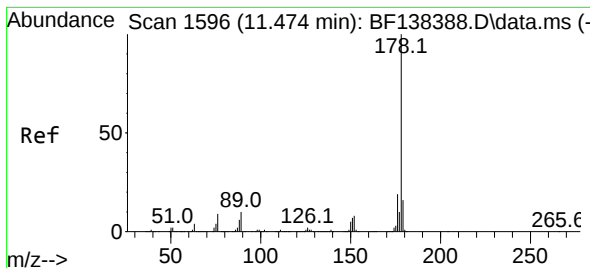
Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

179 15.9 12.6 18.8





#72

Anthracene

Concen: 42.736 ng

RT: 11.475 min Scan# 1596

Delta R.T. 0.001 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

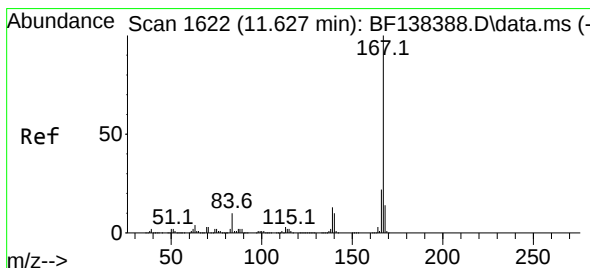
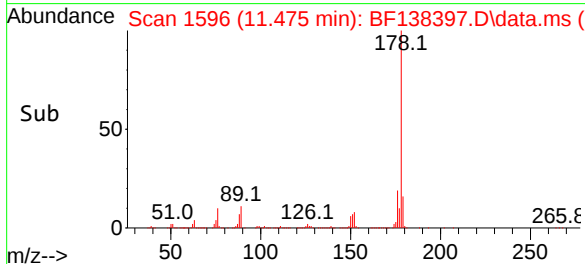
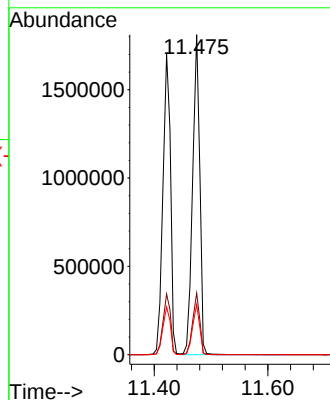
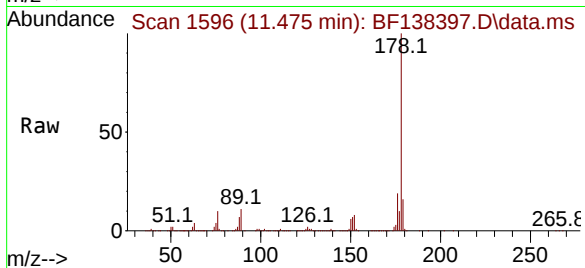
Tgt Ion:178 Resp: 1585527

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

179 15.7 12.7 19.1



#73

Carbazole

Concen: 43.304 ng

RT: 11.628 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

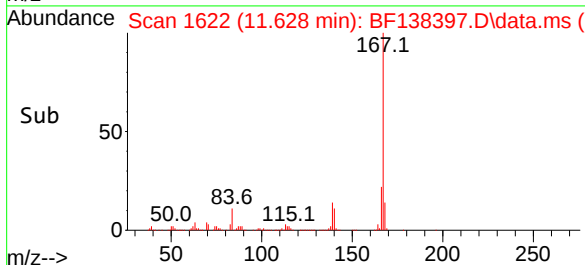
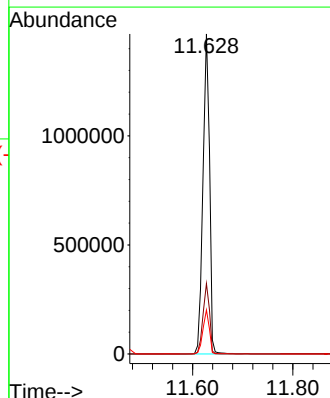
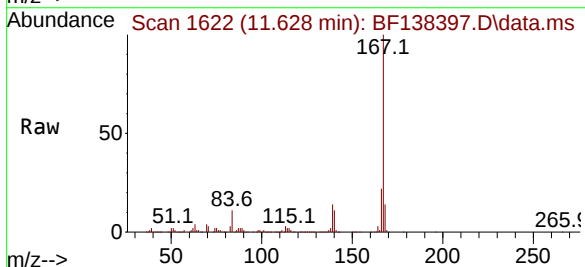
Tgt Ion:167 Resp: 1333808

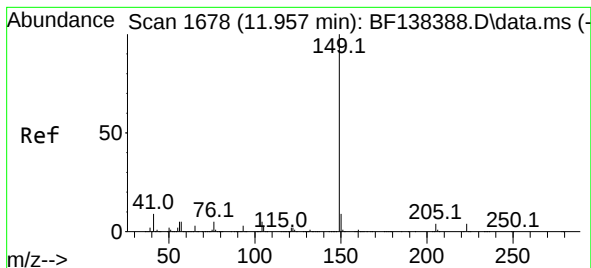
Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 13.7 10.7 16.1

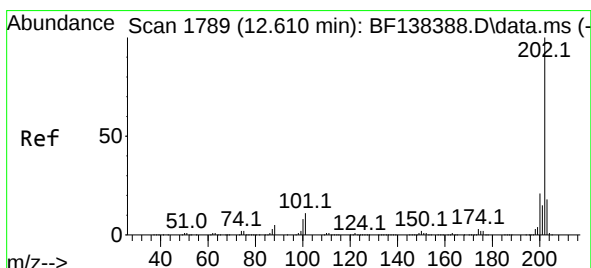
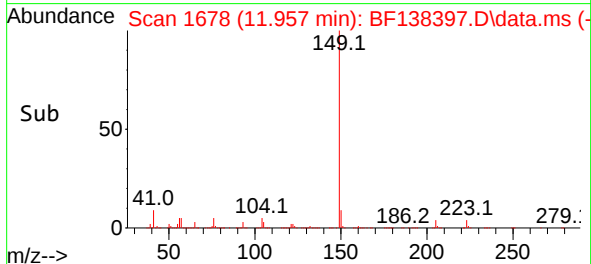
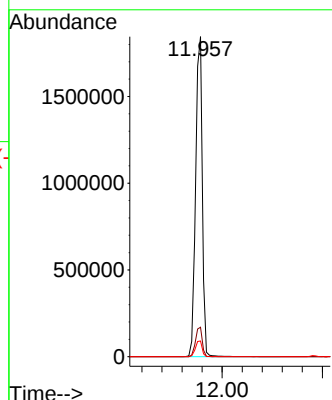
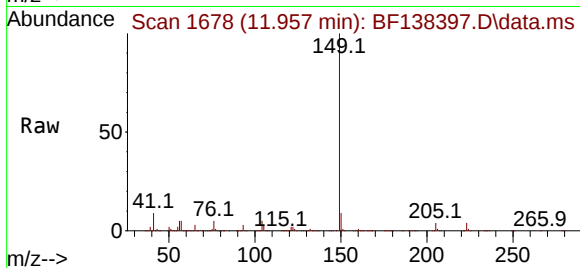




#74
Di-n-butylphthalate
Concen: 43.289 ng
RT: 11.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

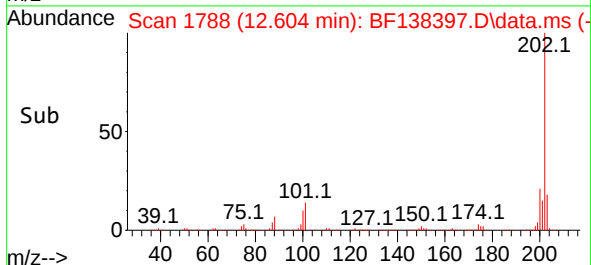
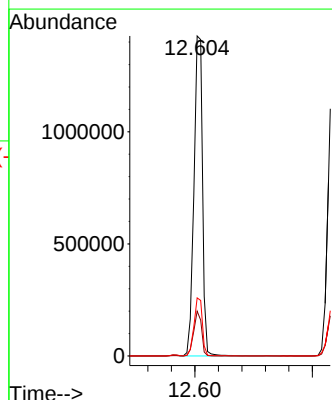
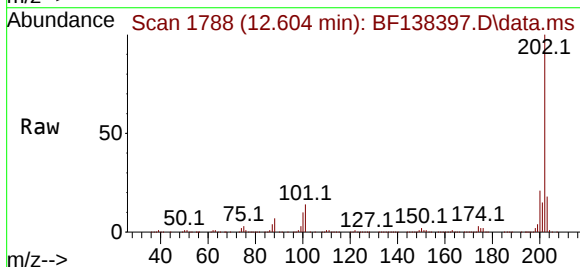
Instrument :
BNA_F
ClientSampleId :
PB161809BS

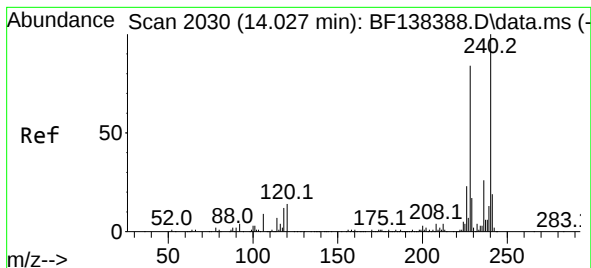
Tgt Ion:149 Resp: 1689797
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 3.8 5.8



#75
Fluoranthene
Concen: 42.903 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:202 Resp: 1430923
Ion Ratio Lower Upper
202 100
101 14.0 0.0 30.5
203 18.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

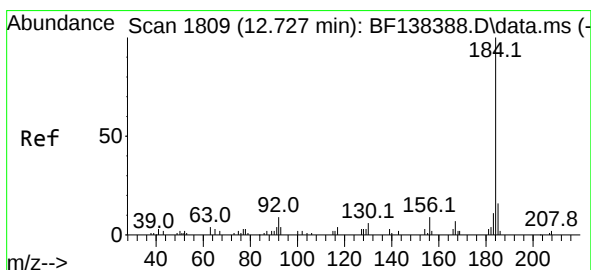
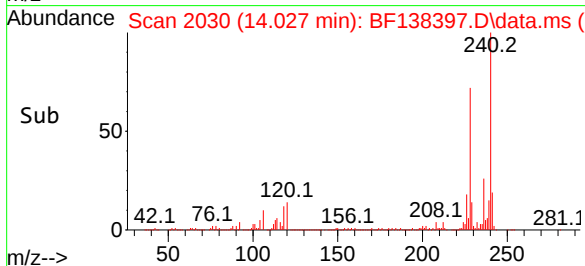
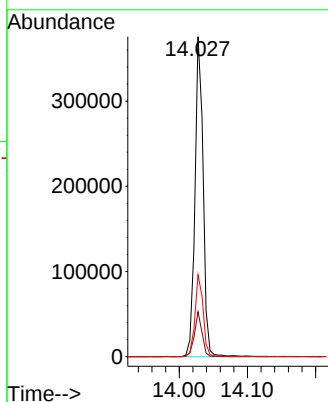
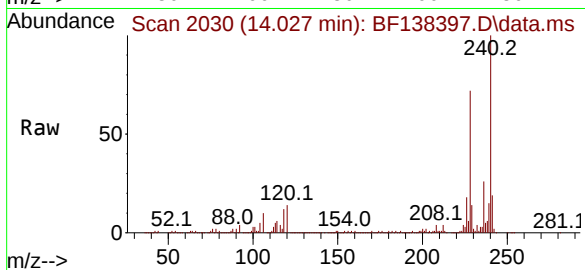
Tgt Ion:240 Resp: 310291

Ion Ratio Lower Upper

240 100

120 14.1 10.9 16.3

236 25.6 20.6 30.8



#77

Benzidine

Concen: 44.891 ng

RT: 12.722 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

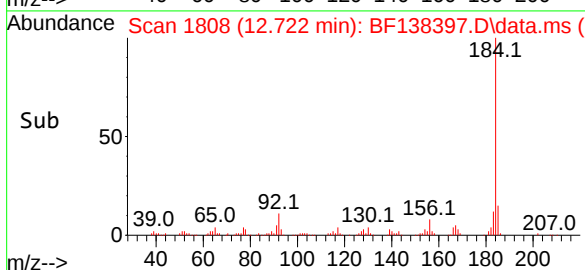
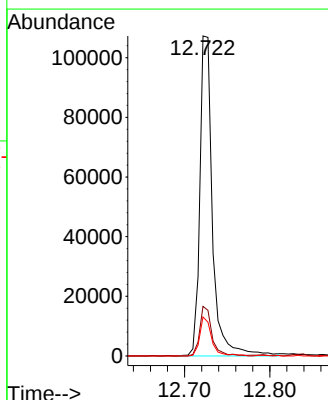
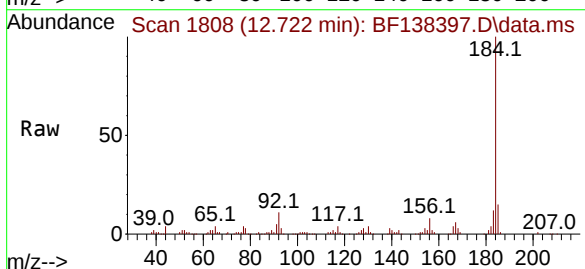
Tgt Ion:184 Resp: 111384

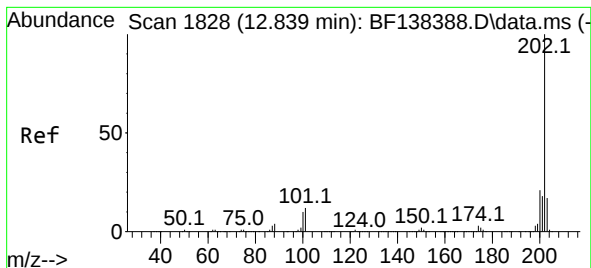
Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.4

183 12.2 9.0 13.6





#78

Pyrene

Concen: 42.927 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

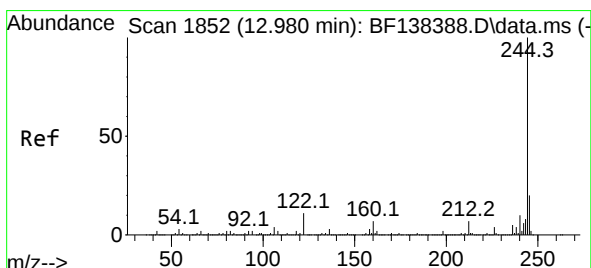
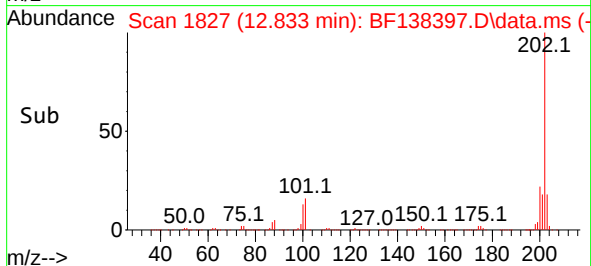
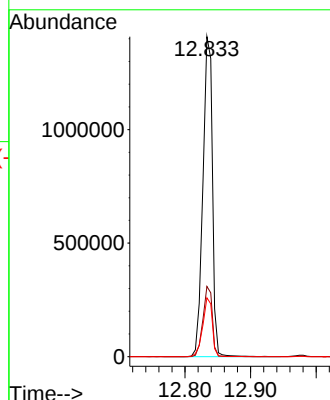
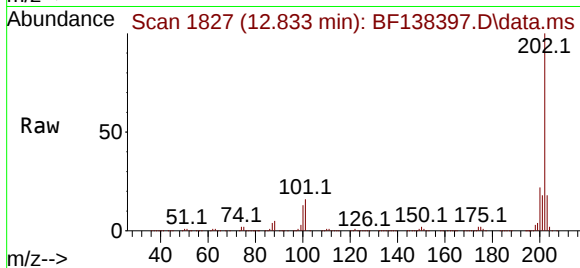
Tgt Ion:202 Resp: 1423607

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

203 18.4 13.8 20.8



#79

Terphenyl-d14

Concen: 81.294 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

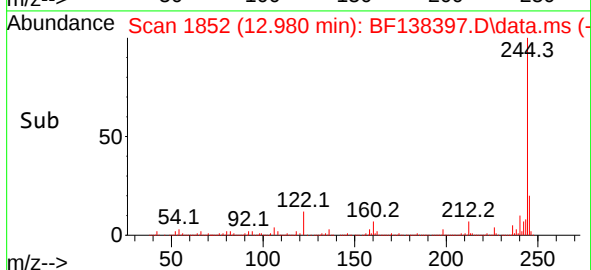
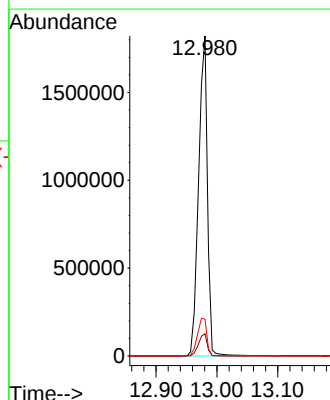
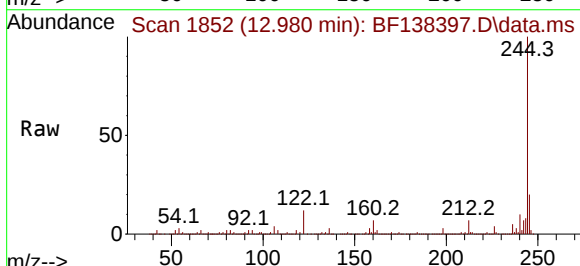
Tgt Ion:244 Resp: 1840665

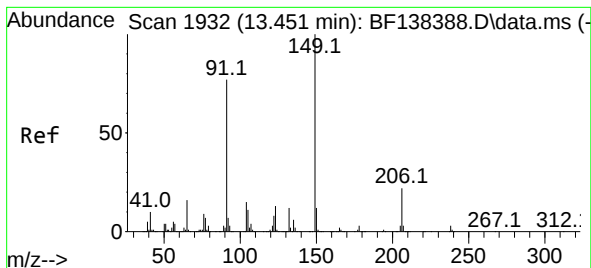
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.5 9.0 13.4

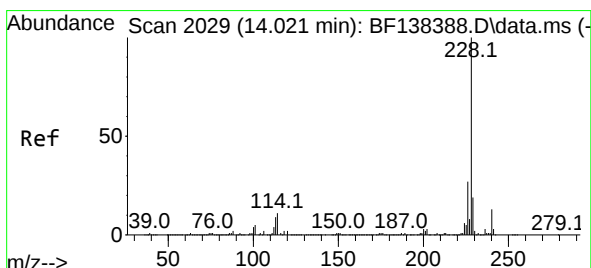
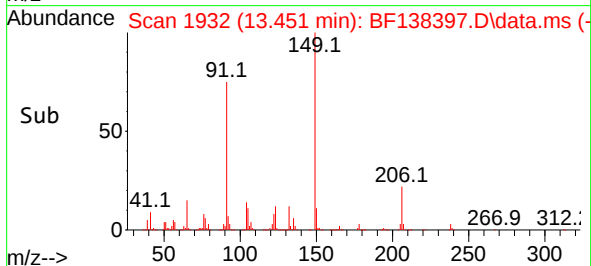
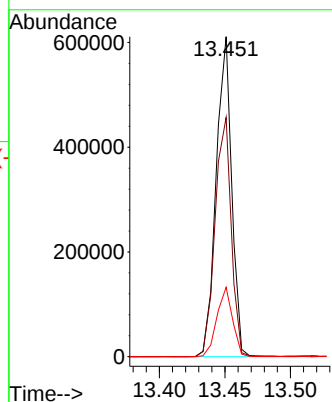
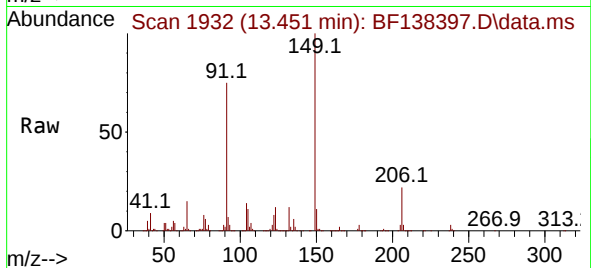




#80
Butylbenzylphthalate
Concen: 49.884 ng
RT: 13.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

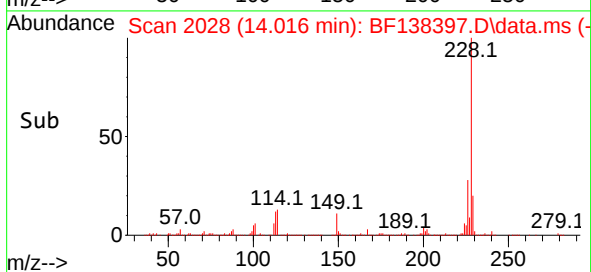
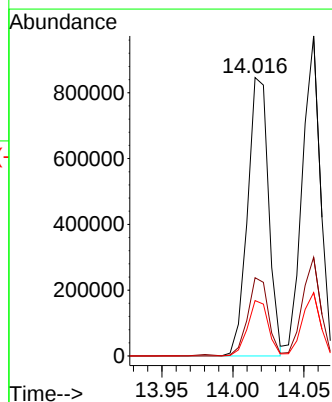
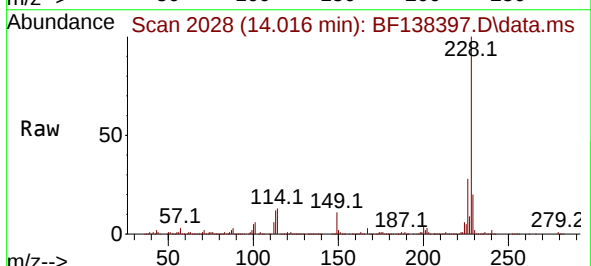
Instrument :
BNA_F
ClientSampleId :
PB161809BS

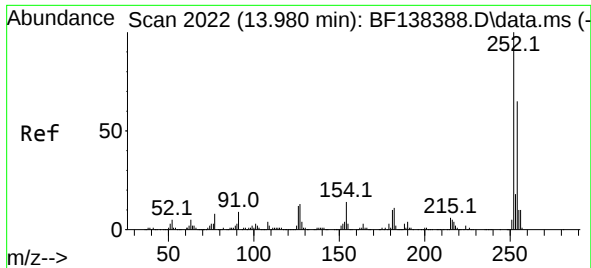
Tgt Ion:149 Resp: 503407
Ion Ratio Lower Upper
149 100
91 74.8 62.0 93.0
206 21.7 17.6 26.4



#81
Benzo(a)anthracene
Concen: 43.789 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:228 Resp: 874554
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.9 15.5 23.3

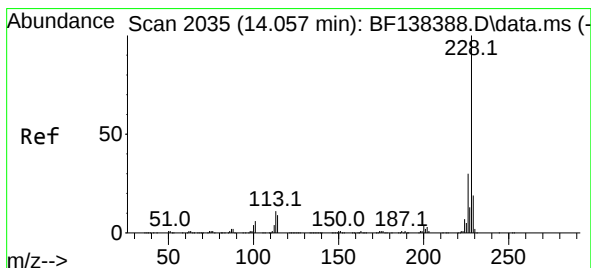
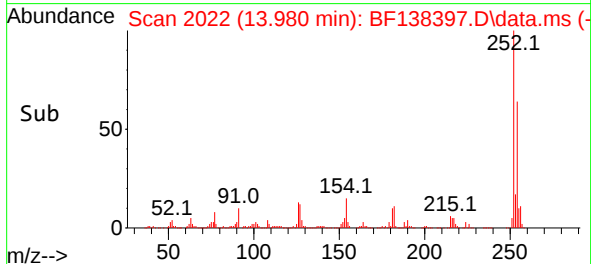
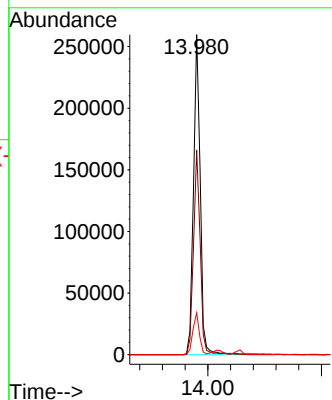
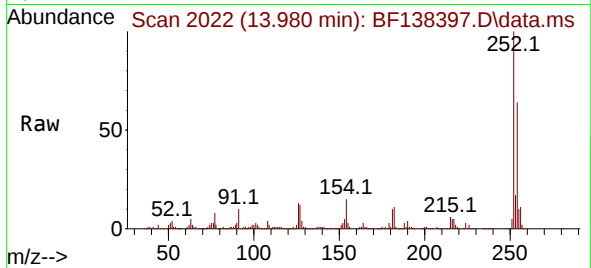




#82
 3,3'-Dichlorobenzidine
 Concen: 36.396 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. 0.000 min
 Lab File: BF138397.D
 Acq: 01 Jul 2024 11:58

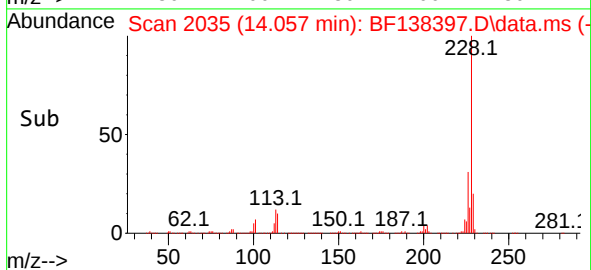
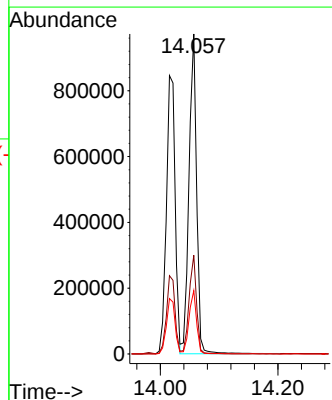
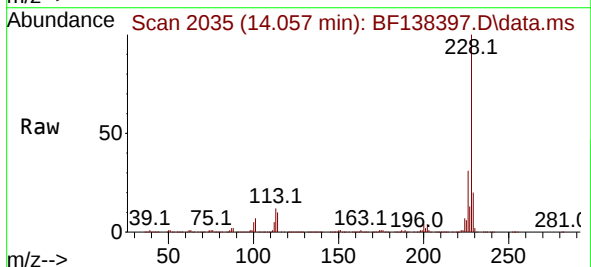
Instrument :
 BNA_F
 ClientSampleId :
 PB161809BS

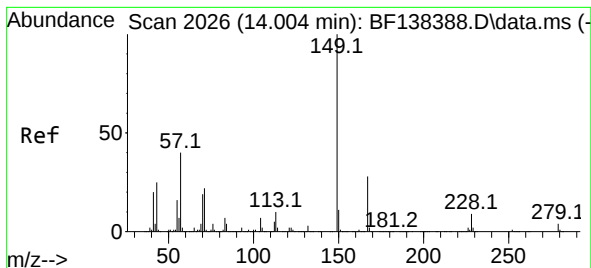
Tgt Ion:252 Resp: 214612
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.8 77.6
 126 13.1 9.5 14.3



#83
 Chrysene
 Concen: 45.037 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF138397.D
 Acq: 01 Jul 2024 11:58

Tgt Ion:228 Resp: 875247
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.8 35.6
 229 19.8 15.2 22.8

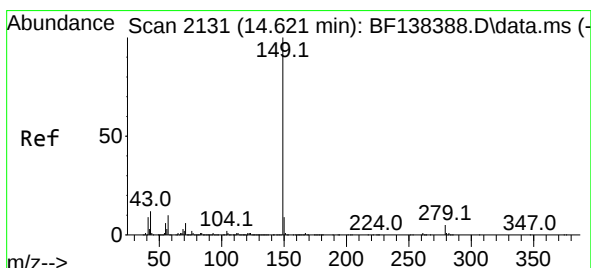
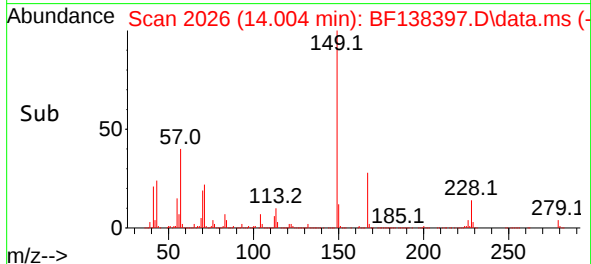
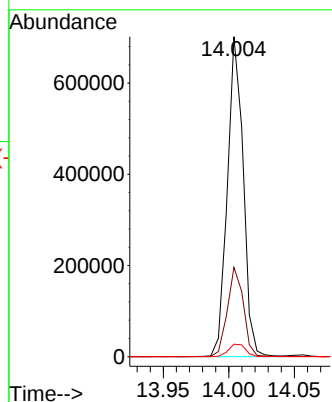
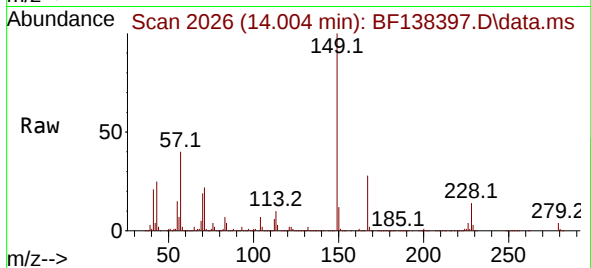




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.599 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

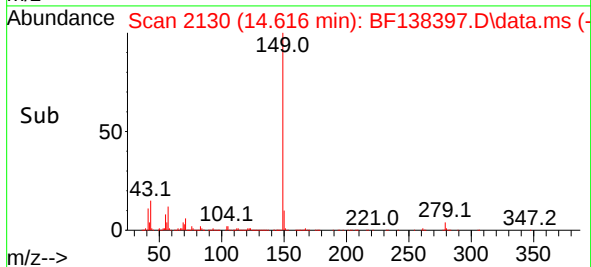
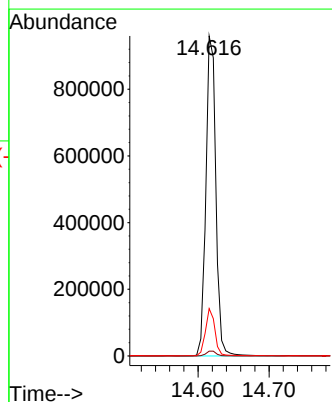
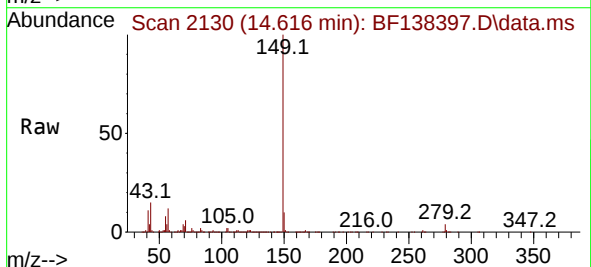
Instrument :
BNA_F
ClientSampleId :
PB161809BS

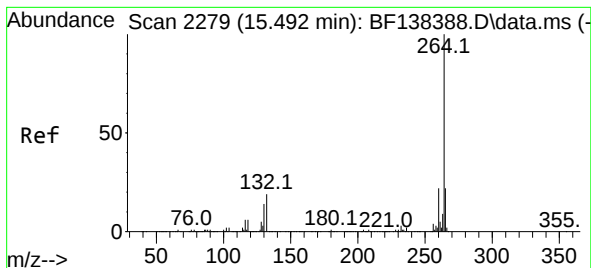
Tgt Ion:149 Resp: 589740
Ion Ratio Lower Upper
149 100
167 27.9 22.6 33.8
279 3.9 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 42.316 ng
RT: 14.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF138397.D
Acq: 01 Jul 2024 11:58

Tgt Ion:149 Resp: 937364
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.0 10.9 16.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

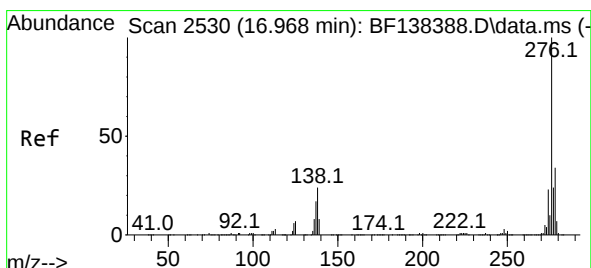
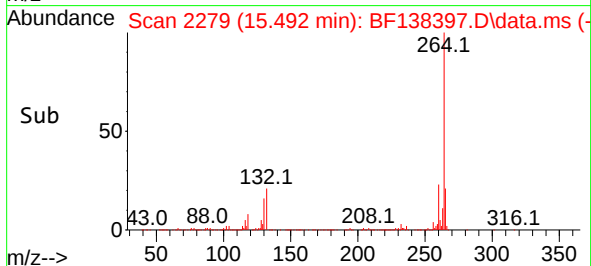
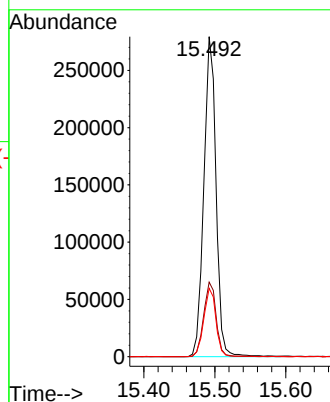
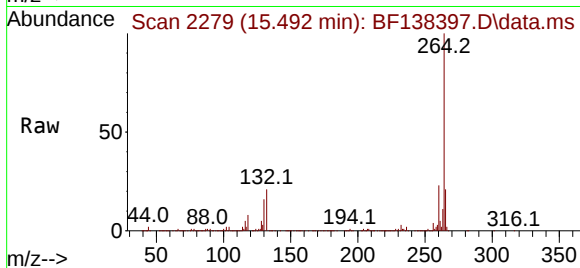
Tgt Ion:264 Resp: 333992

Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 21.3 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.009 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.006 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

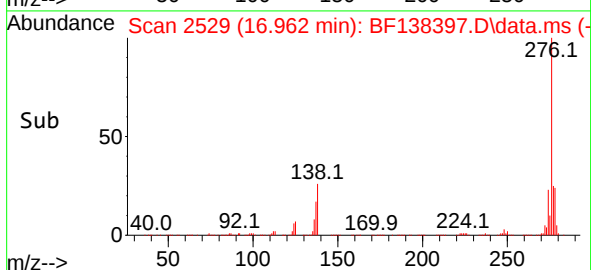
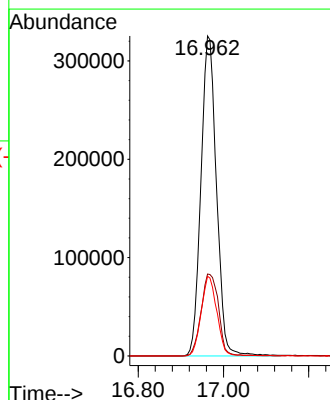
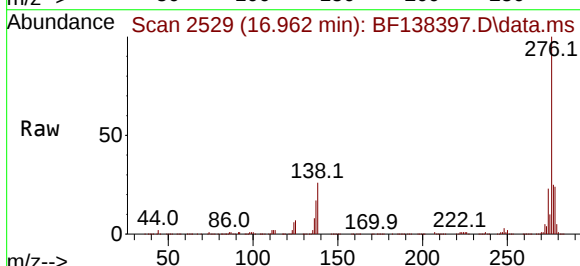
Tgt Ion:276 Resp: 822456

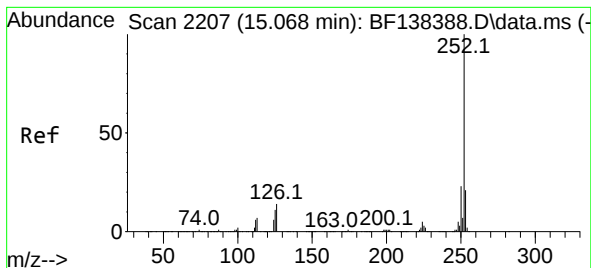
Ion Ratio Lower Upper

276 100

138 28.5 22.1 33.1

277 25.1 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 45.924 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

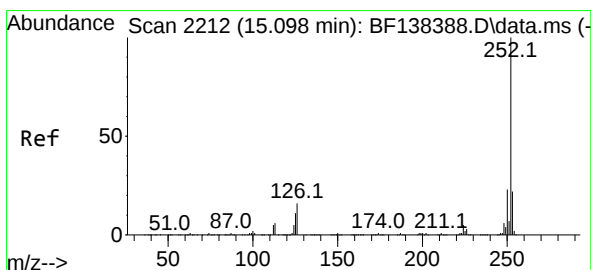
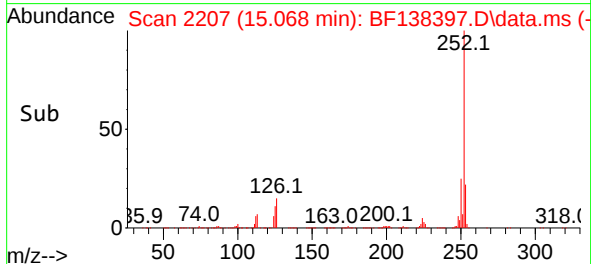
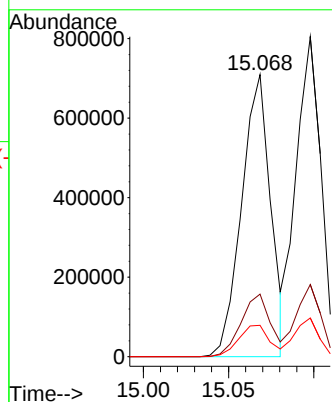
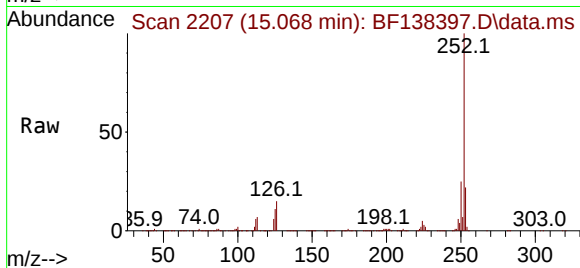
Tgt Ion:252 Resp: 841549

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 11.2 8.6 12.8



#89

Benzo(k)fluoranthene

Concen: 49.381 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

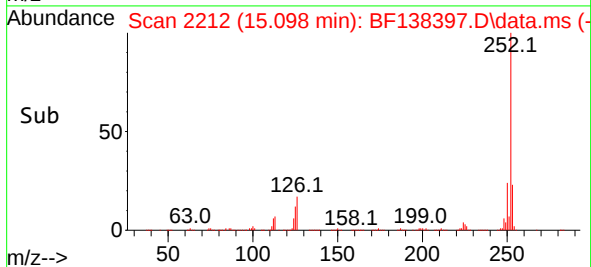
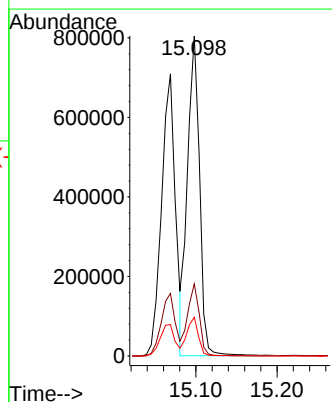
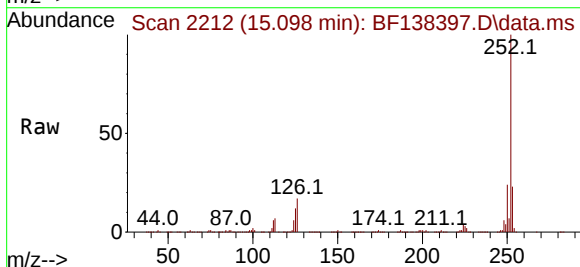
Tgt Ion:252 Resp: 833489

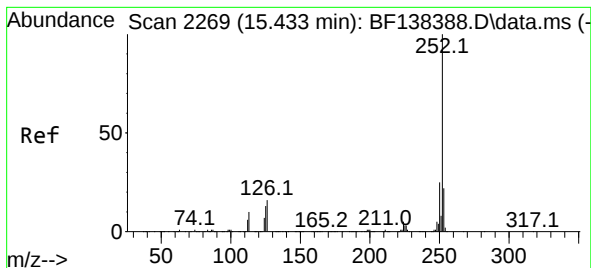
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 12.1 8.7 13.1





#90

Benzo(a)pyrene

Concen: 49.754 ng

RT: 15.433 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB161809BS

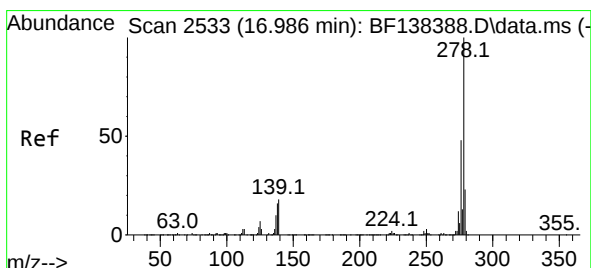
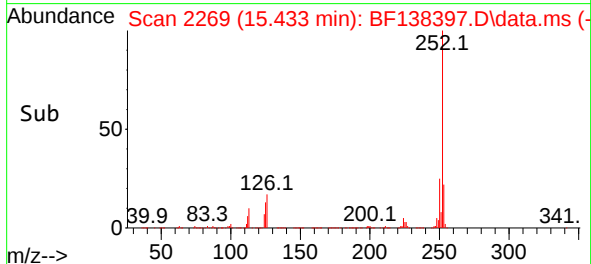
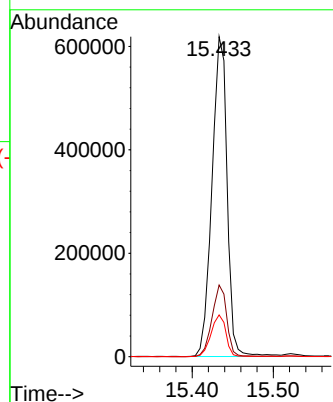
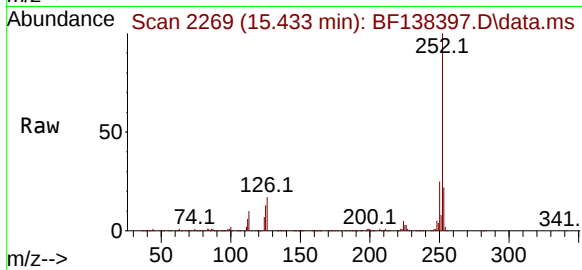
Tgt Ion:252 Resp: 799148

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 13.0 10.2 15.2



#91

Dibenzo(a,h)anthracene

Concen: 48.088 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.000 min

Lab File: BF138397.D

Acq: 01 Jul 2024 11:58

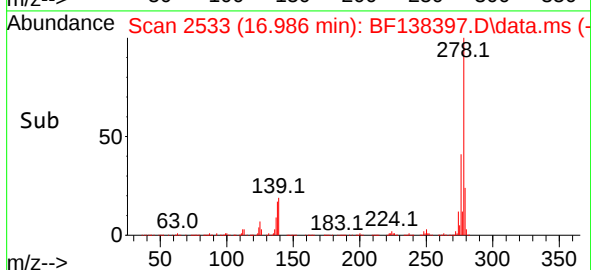
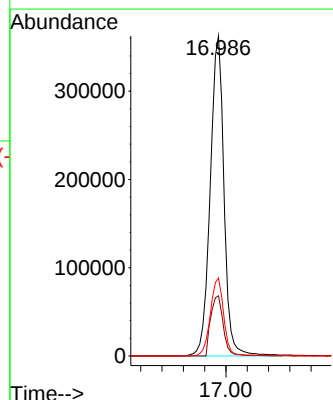
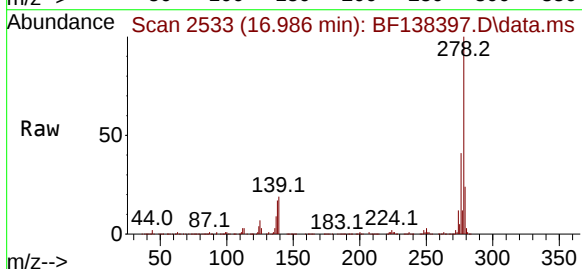
Tgt Ion:278 Resp: 651399

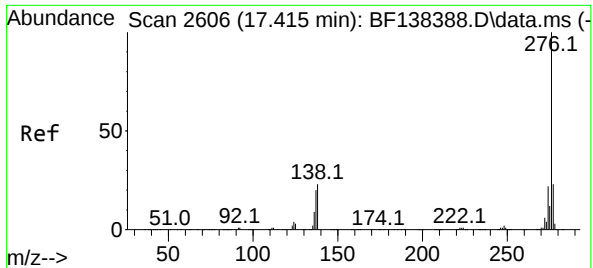
Ion Ratio Lower Upper

278 100

139 18.8 14.3 21.5

279 24.3 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 46.428 ng
 RT: 17.410 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF138397.D
 Acq: 01 Jul 2024 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB161809BS

Tgt Ion:276 Resp: 615244
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.3 27.5
 138 25.6 18.3 27.5

