

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138360.D
 Acq On : 26 Jun 2024 19:31
 Operator : CG\JU
 Sample : P3049-02 MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHOR-RAG-DRUMMS

Quant Time: Jun 27 01:13:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	203347	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	339415	20.000	ng	#-0.01
39) Acenaphthene-d10	9.957	164	386904	20.000	ng	0.03
64) Phenanthrene-d10	11.410	188	559468	20.000	ng	0.00
76) Chrysene-d12	14.039	240	389919	20.000	ng	-0.01
86) Perylene-d12	15.510	264	459629	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1541958	126.849	ng	0.02
7) Phenol-d6	6.522	99	1748813	113.455	ng	0.00
23) Nitrobenzene-d5	7.445	82	1034957	177.516	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	437726	113.644	ng	0.01
45) 2-Fluorobiphenyl	9.263	172	2056227	84.509	ng	0.01
79) Terphenyl-d14	12.986	244	1577474	64.076	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	1288148	231.559	ng	# 58
3) Pyridine	3.675	79	495298	37.462	ng	95
4) n-Nitrosodimethylamine	3.340	42	19584	3.201	ng	# 1
6) Aniline	6.551	93	270831	17.957	ng	# 62
8) 2-Chlorophenol	6.675	128	604334	45.985	ng	100
9) Benzaldehyde	6.434	77	102871	12.565	ng	92
10) Phenol	6.534	94	643814	41.158	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	597649	47.737	ng	98
12) 1,3-Dichlorobenzene	6.822	146	605236	40.523	ng	99
13) 1,4-Dichlorobenzene	6.898	146	608829	40.506	ng	100
14) 1,2-Dichlorobenzene	7.051	146	571993	40.538	ng	99
15) Benzyl Alcohol	7.034	79	468468	45.075	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	645454	36.530	ng	71
17) 2-Methylphenol	7.145	107	450758	43.473	ng	# 79
18) Hexachloroethane	7.392	117	215777	42.375	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	382580	41.872	ng	99
20) 3+4-Methylphenols	7.322	107	620084	47.513	ng	# 68
22) Acetophenone	7.292	105	730207	94.176	ng	98
24) Nitrobenzene	7.469	77	598456	99.316	ng	90
25) Isophorone	7.710	82	927891	87.988	ng	100
26) 2-Nitrophenol	7.781	139	264841	109.301	ng	96
27) 2,4-Dimethylphenol	7.845	122	302294	82.003	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	401064	60.754	ng	99
29) 2,4-Dichlorophenol	8.051	162	278167	58.610	ng	# 83
30) 1,2,4-Trichlorobenzene	8.104	180	297245	53.107	ng	99
31) Naphthalene	8.187	128	708912	42.239	ng	98
32) Benzoic acid	7.845	122	301862	92.909	ng	# 18
33) 4-Chloroaniline	8.187	127	98159	15.648	ng	# 37
34) Hexachlorobutadiene	8.298	225	141520	43.233	ng	98
35) Caprolactam	8.610	113	15366	10.724	ng	# 1
36) 4-Chloro-3-methylphenol	8.881	107	490791	103.861	ng	# 1
37) 2-Methylnaphthalene	8.898	142	1336947	121.378	ng	95
38) 1-Methylnaphthalene	8.998	142	1017140	94.233	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	466145	41.230	ng	99
41) Hexachlorocyclopentadiene	9.045	237	408593	110.833	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	74875	10.577	ng	99

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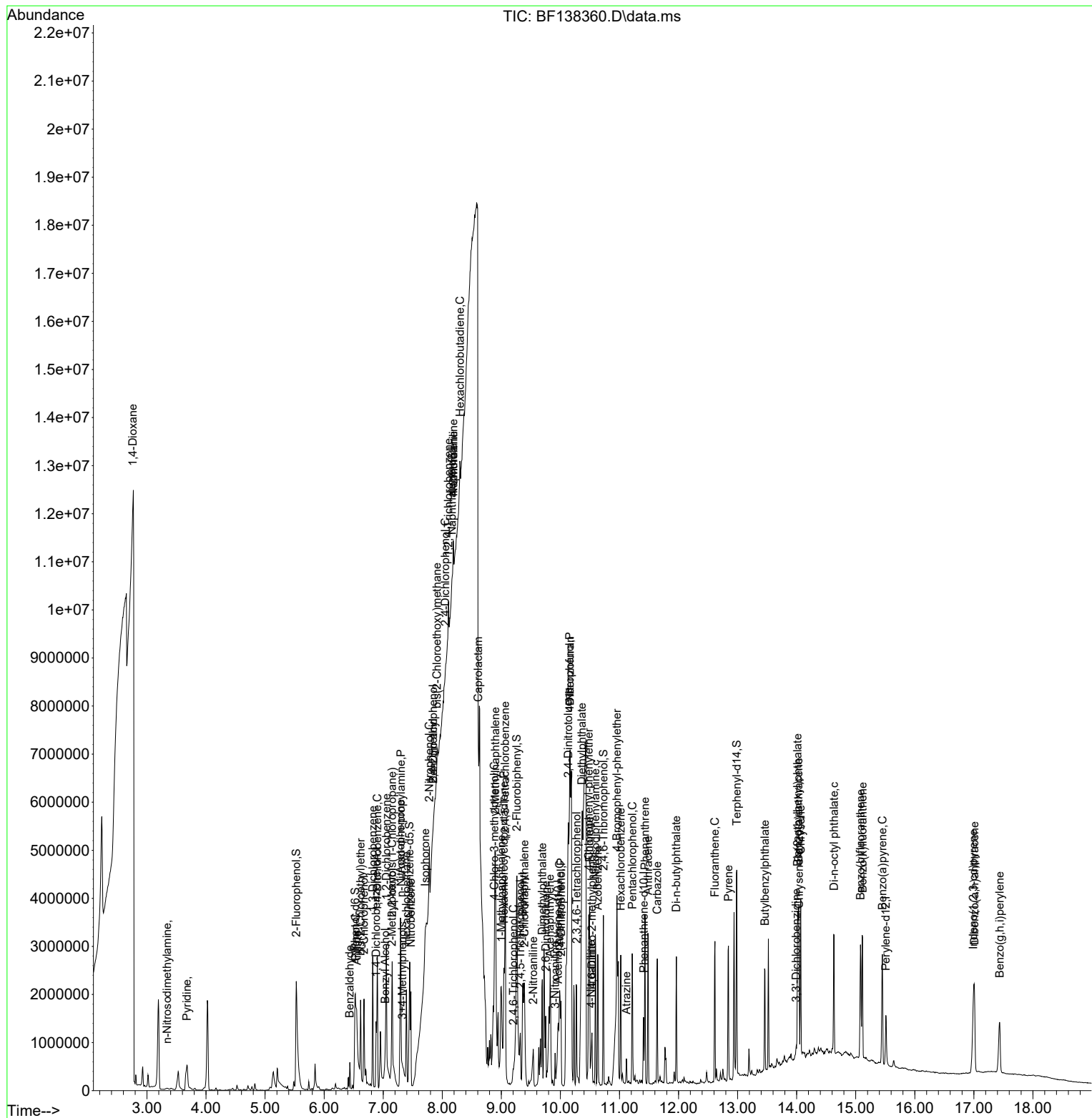
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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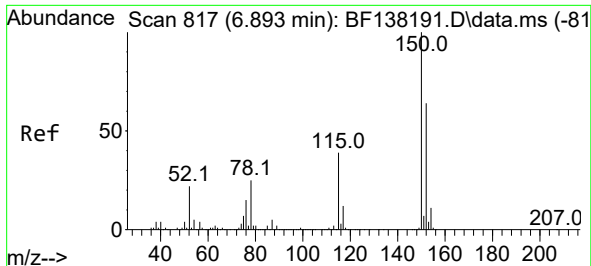
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	285274	36.695	ng	99
46) 1,1'-Biphenyl	9.363	154	1250711	44.054	ng	97
47) 2-Chloronaphthalene	9.392	162	1018382	45.388	ng	97
48) 2-Nitroaniline	9.539	65	246834	45.681	ng	94
49) Acenaphthylene	9.822	152	1527260	48.542	ng	98
50) Dimethylphthalate	9.692	163	1085702	45.799	ng	99
51) 2,6-Dinitrotoluene	9.751	165	240493	46.763	ng	91
52) Acenaphthene	9.986	154	1027668	47.901	ng	99
53) 3-Nitroaniline	9.910	138	92938	16.916	ng	96
54) 2,4-Dinitrophenol	10.010	184	209682	80.181	ng	93
55) Dibenzofuran	10.163	168	1029618	34.330	ng	98
56) 4-Nitrophenol	10.157	139	650856	149.911	ng	# 29
57) 2,4-Dinitrotoluene	10.133	165	255673	40.307	ng	# 82
58) Fluorene	10.492	166	969842	41.128	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.275	232	263847	43.426	ng	99
60) Diethylphthalate	10.363	149	843688	37.499	ng	98
61) 4-Chlorophenyl-phenyle...	10.481	204	506289	43.110	ng	97
62) 4-Nitroaniline	10.522	138	162533	29.609	ng	98
63) Azobenzene	10.633	77	894783	39.696	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	149197	51.708	ng	93
66) n-Nitrosodiphenylamine	10.592	169	807116	47.122	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	286478	45.442	ng	# 94
68) Hexachlorobenzene	11.022	284	351099	47.723	ng	98
69) Atrazine	11.116	200	65385	13.402	ng	99
70) Pentachlorophenol	11.216	266	370996	86.465	ng	97
71) Phenanthrene	11.433	178	1246146	45.040	ng	97
72) Anthracene	11.486	178	1260735	45.895	ng	98
73) Carbazole	11.639	167	1034920	41.076	ng	99
74) Di-n-butylphthalate	11.963	149	1243788	47.685	ng	98
75) Fluoranthene	12.616	202	1183944	41.964	ng	97
78) Pyrene	12.845	202	1214890	36.122	ng	98
80) Butylbenzylphthalate	13.463	149	510323	55.783	ng	97
81) Benzo(a)anthracene	14.033	228	1164140	46.537	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	31470	4.568	ng	# 91
83) Chrysene	14.069	228	1108451	46.488	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	730082	68.616	ng	98
85) Di-n-octyl phthalate	14.633	149	1335680	84.499	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1256304	41.928	ng	98
88) Benzo(b)fluoranthene	15.080	252	1299041	47.926	ng	99
89) Benzo(k)fluoranthene	15.116	252	1168779	43.999	ng	99
90) Benzo(a)pyrene	15.451	252	1118286	48.025	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	1027481	41.777	ng	98
92) Benzo(g,h,i)perylene	17.439	276	916994	36.041	ng	98

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

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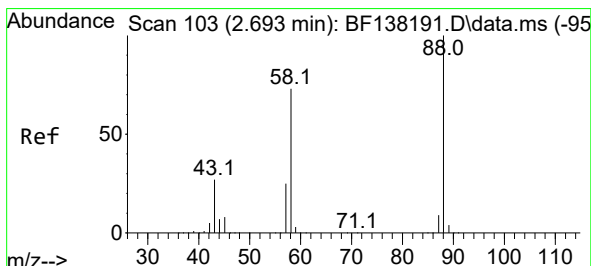
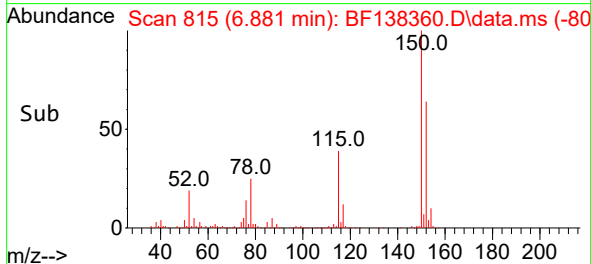
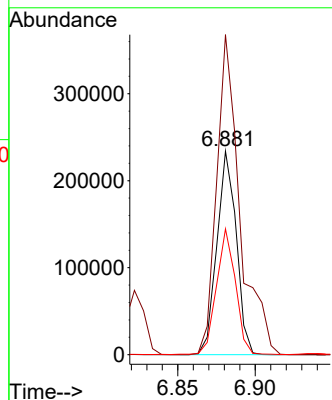
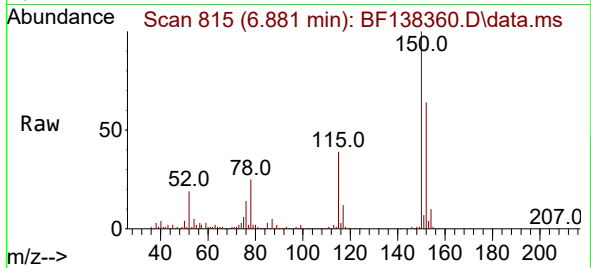




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

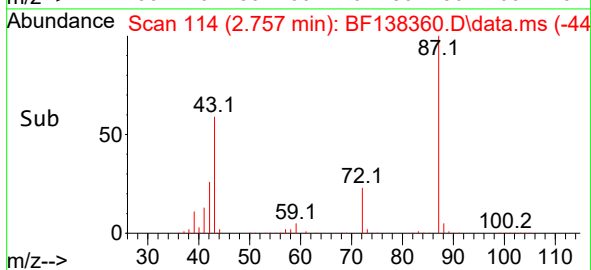
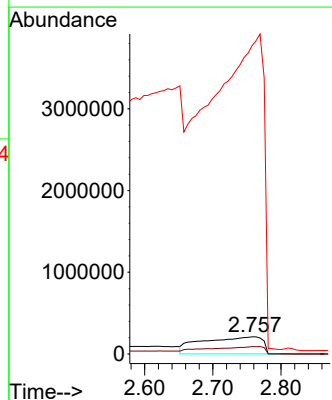
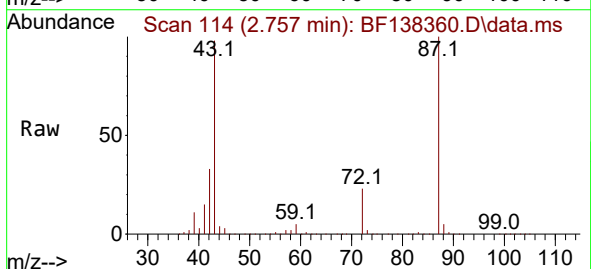
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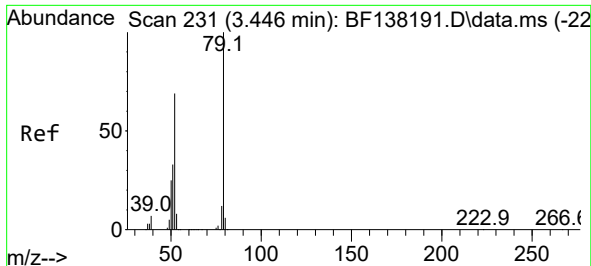
Tgt Ion:152 Resp: 203347
Ion Ratio Lower Upper
152 100
150 157.3 125.0 187.4
115 61.8 48.4 72.6



#2
1,4-Dioxane
Concen: 231.559 ng
RT: 2.757 min Scan# 114
Delta R.T. 0.065 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion: 88 Resp: 1288148
Ion Ratio Lower Upper
88 100
58 41.9 58.6 87.8#
43 0.0 22.4 33.6#

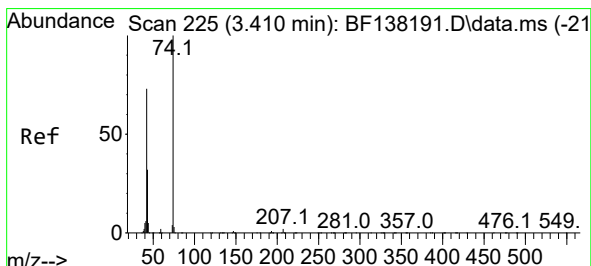
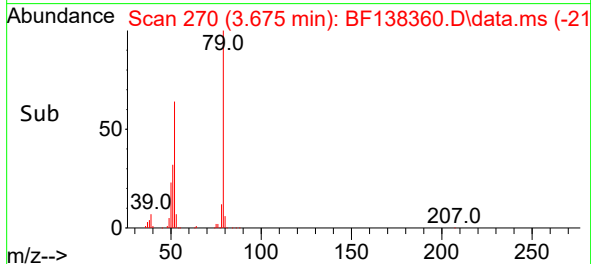
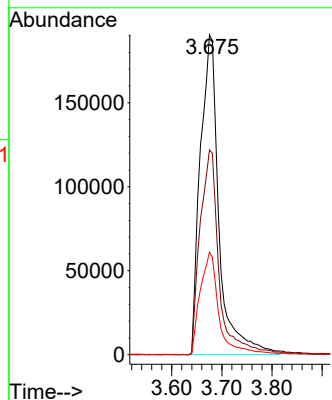
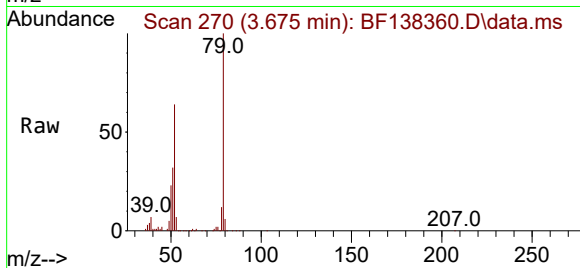




#3
Pyridine
Concen: 37.462 ng
RT: 3.675 min Scan# 21
Delta R.T. 0.229 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

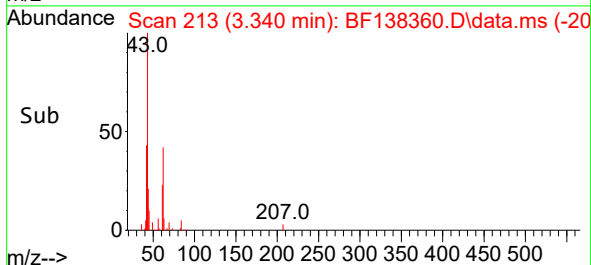
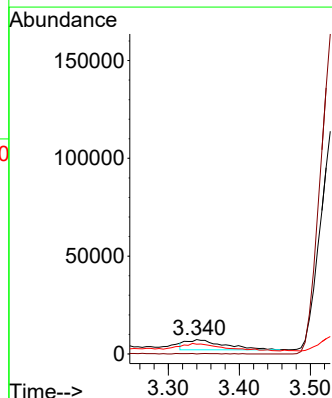
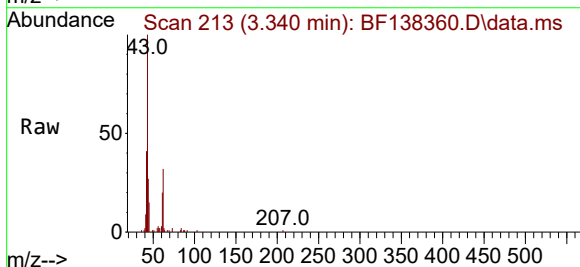
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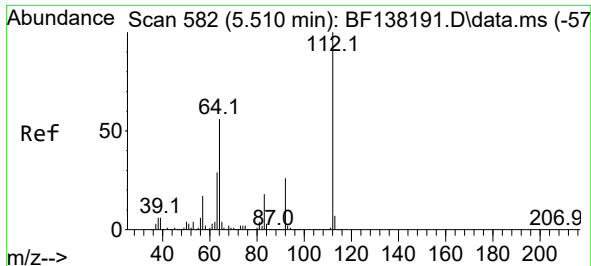
Tgt Ion: 79 Resp: 495298
Ion Ratio Lower Upper
79 100
52 64.0 55.0 82.4
51 32.0 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 3.201 ng
RT: 3.340 min Scan# 213
Delta R.T. -0.071 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion: 42 Resp: 19584
Ion Ratio Lower Upper
42 100
74 0.0 109.9 164.9#
44 67.3 5.2 7.8#

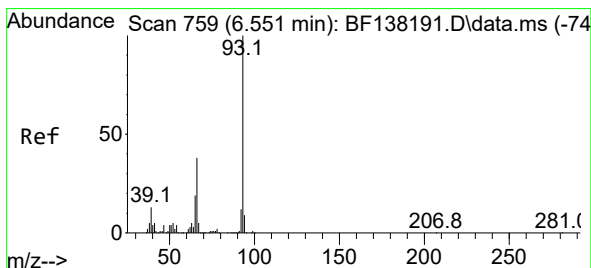
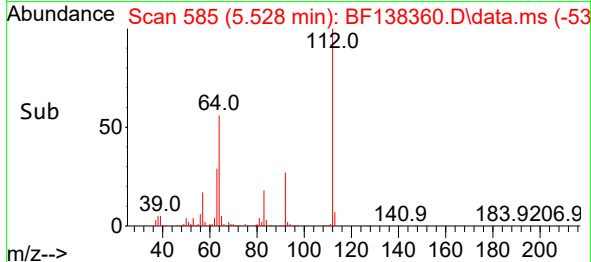
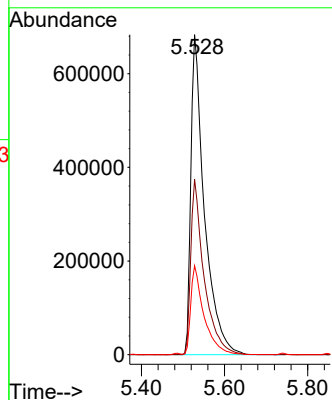
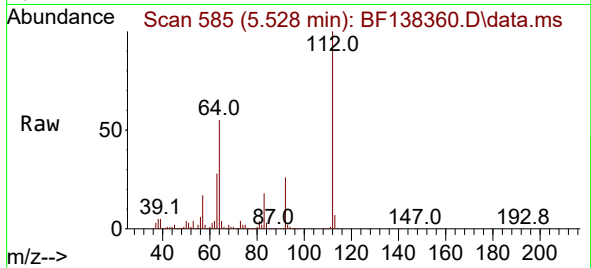




#5
2-Fluorophenol
Concen: 126.849 ng
RT: 5.528 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

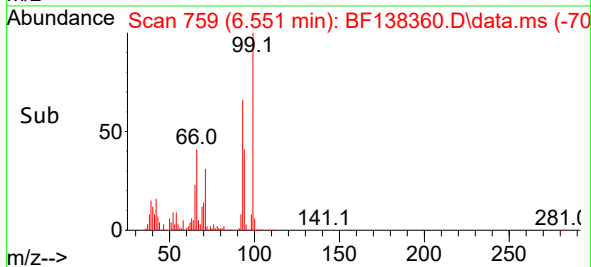
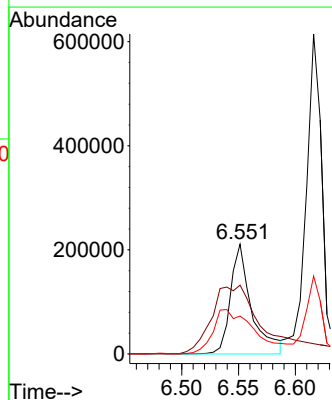
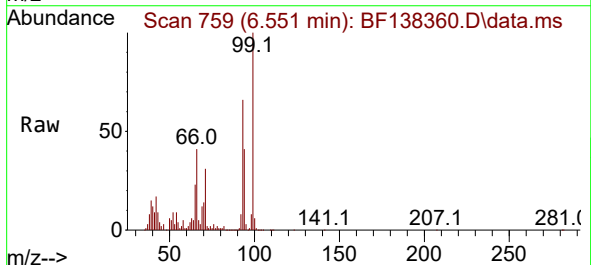
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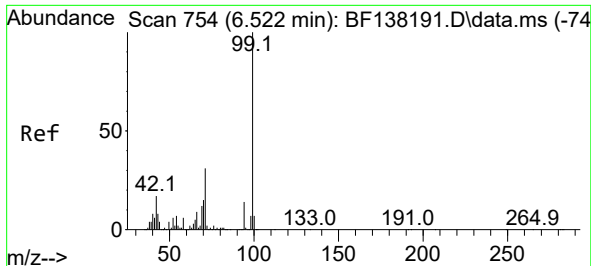
Tgt Ion:112 Resp: 1541958
Ion Ratio Lower Upper
112 100
64 54.8 45.2 67.8
63 27.8 22.9 34.3



#6
Aniline
Concen: 17.957 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion: 93 Resp: 270831
Ion Ratio Lower Upper
93 100
66 62.6 30.8 46.2#
65 34.6 15.5 23.3#

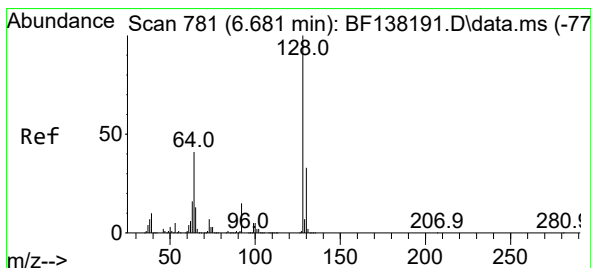
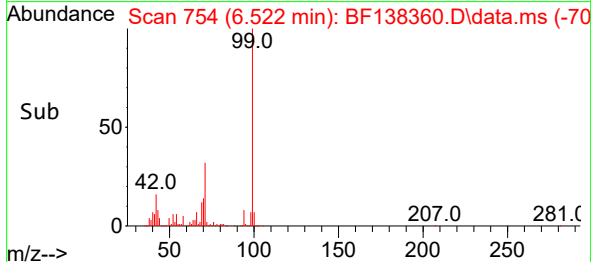
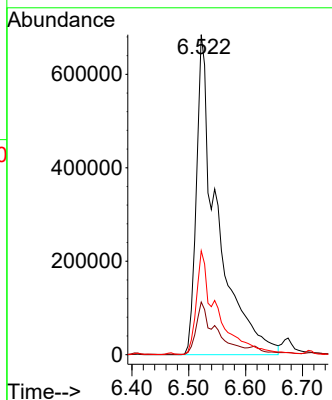
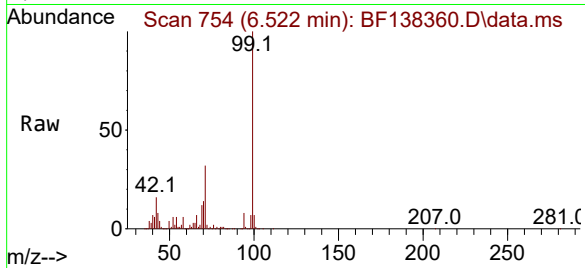




#7
Phenol-d6
Concen: 113.455 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

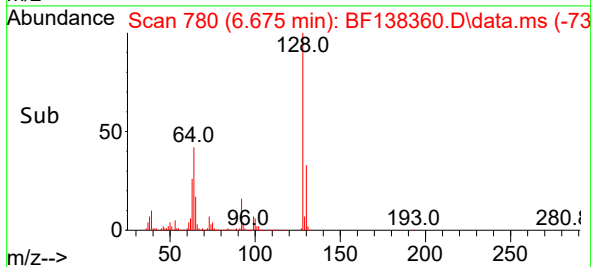
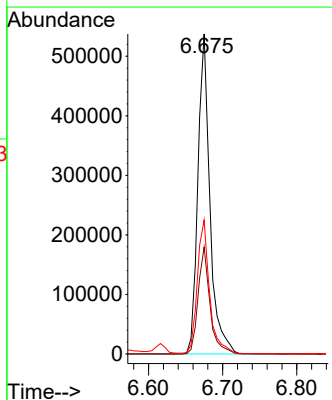
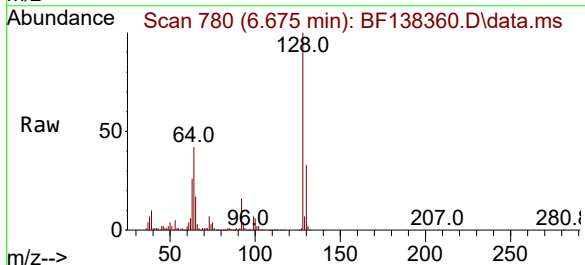
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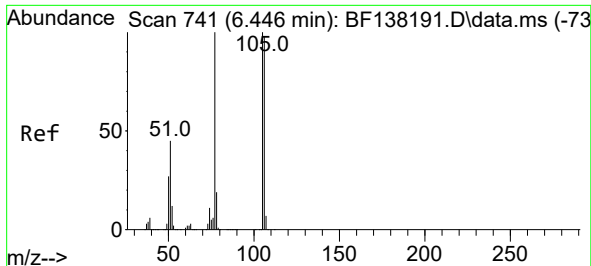
Tgt Ion: 99 Resp: 1748813
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 32.4 25.0 37.6



#8
2-Chlorophenol
Concen: 45.985 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:128 Resp: 604334
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 41.8 21.8 61.8

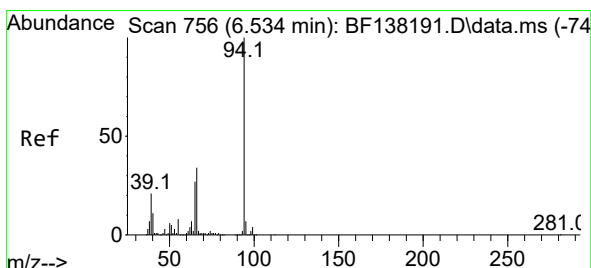
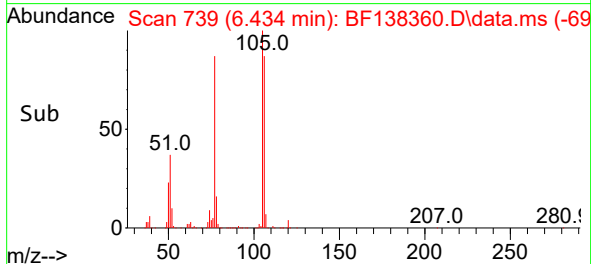
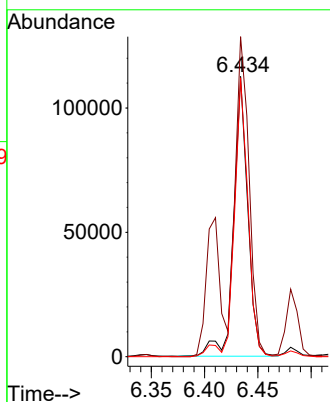
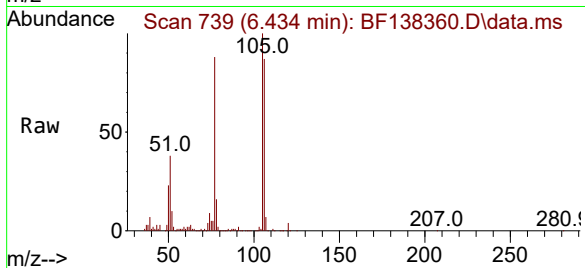




#9
Benzaldehyde
Concen: 12.565 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

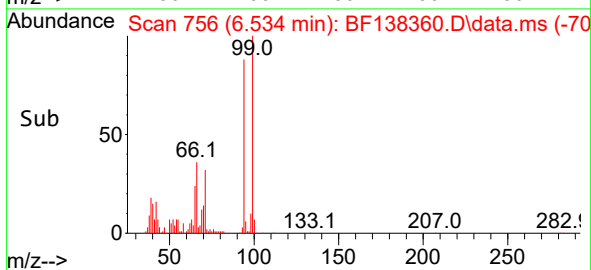
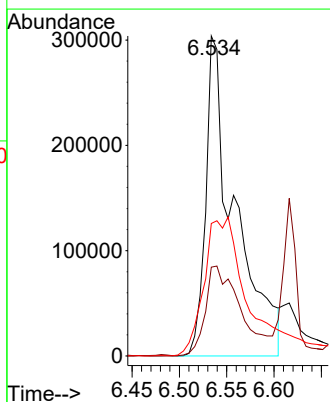
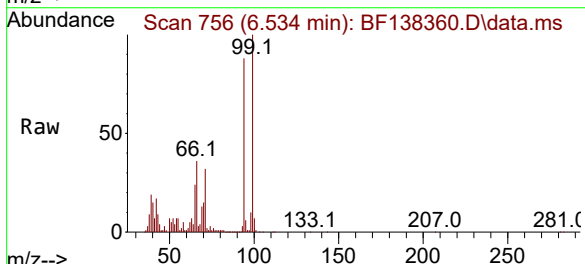
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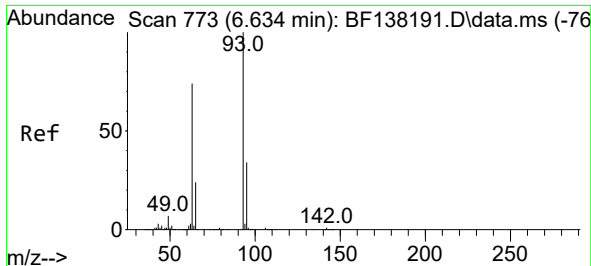
Tgt Ion: 77 Resp: 102871
Ion Ratio Lower Upper
77 100
105 114.2 80.1 120.1
106 99.5 77.8 117.8



#10
Phenol
Concen: 41.158 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion: 94 Resp: 643814
Ion Ratio Lower Upper
94 100
65 27.7 6.8 46.8
66 41.4 14.2 54.2

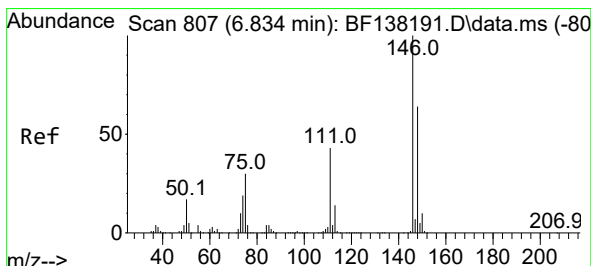
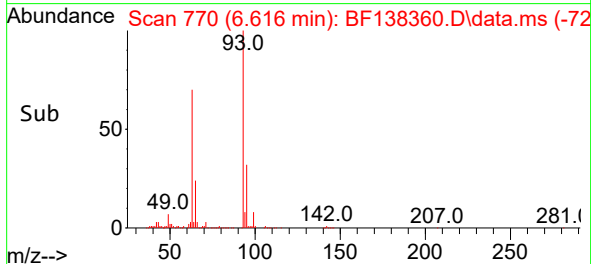
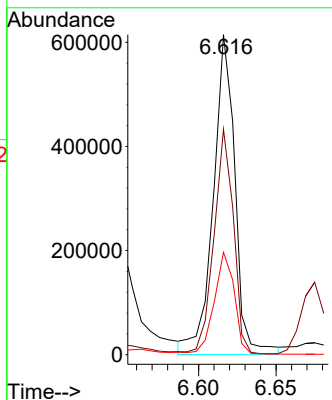
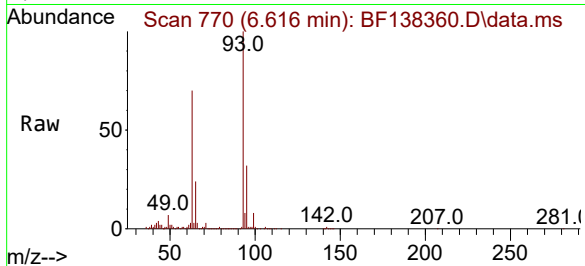




#11
bis(2-Chloroethyl)ether
Concen: 47.737 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.018 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

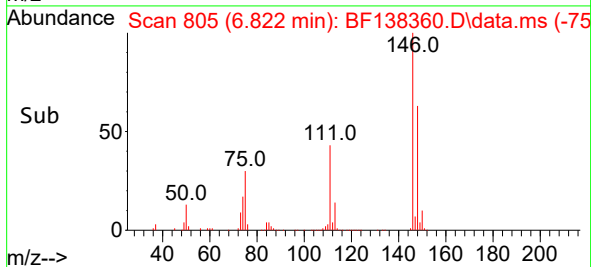
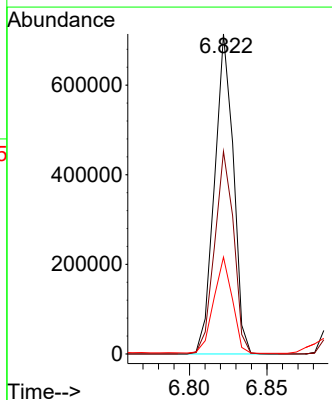
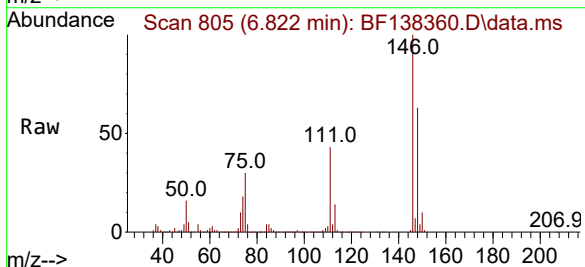
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

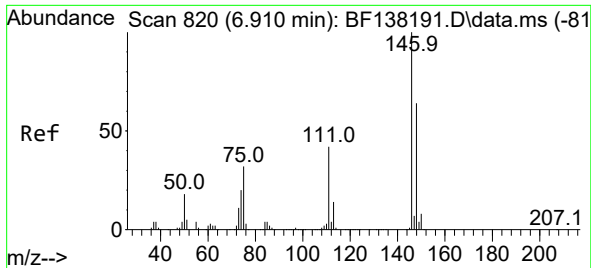
Tgt Ion: 93 Resp: 597649
Ion Ratio Lower Upper
93 100
63 70.5 52.5 92.5
95 32.0 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 40.523 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:146 Resp: 605236
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
75 30.3 24.3 36.5

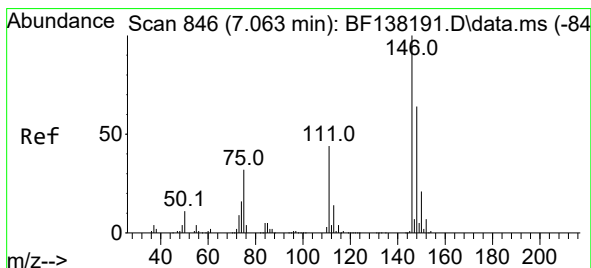
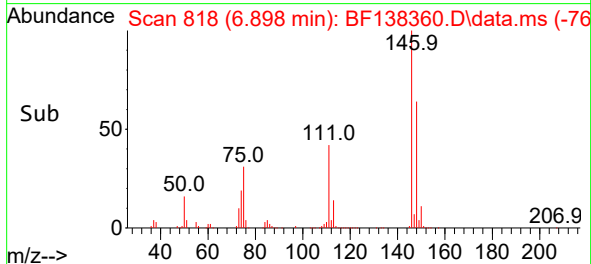
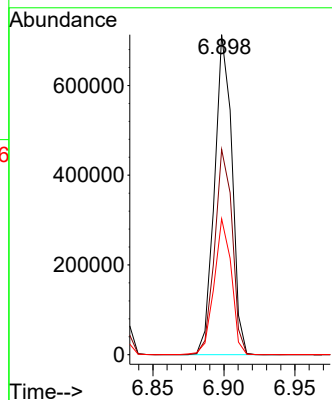
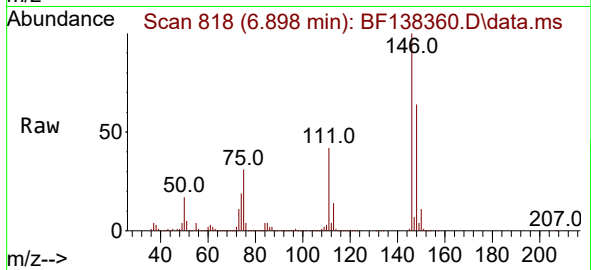




#13
1,4-Dichlorobenzene
Concen: 40.506 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

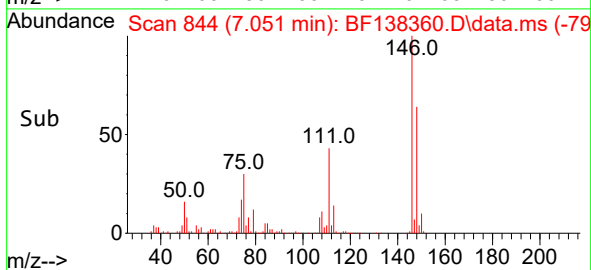
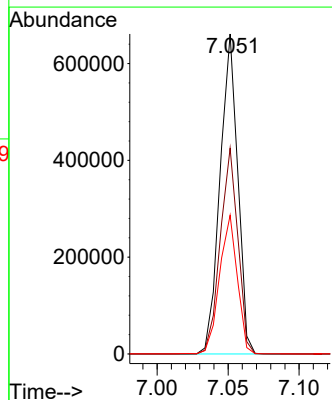
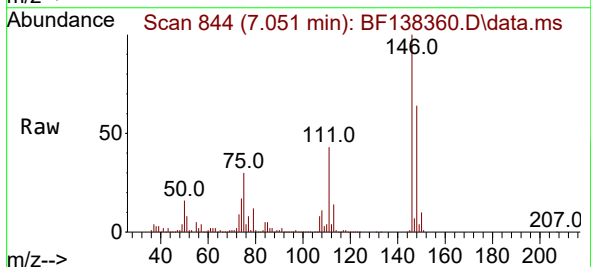
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

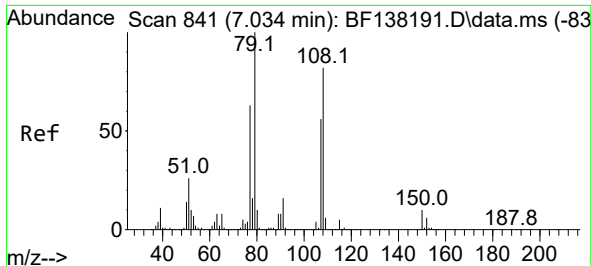
Tgt Ion:146 Resp: 608829
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 42.5 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 40.538 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:146 Resp: 571993
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 43.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 45.075 ng

RT: 7.034 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

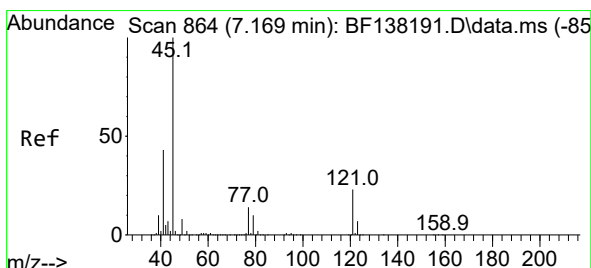
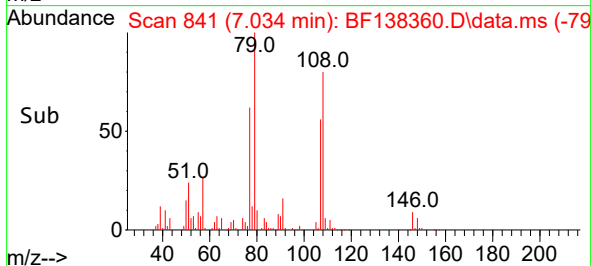
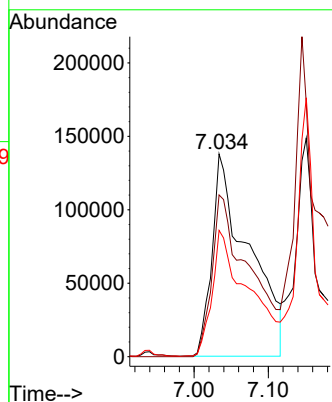
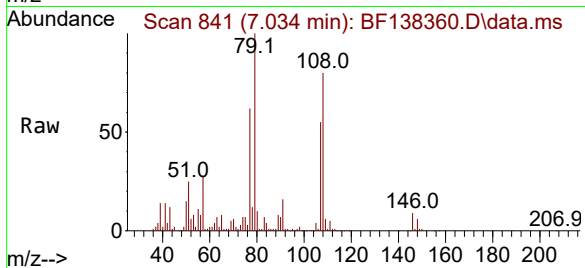
Tgt Ion: 79 Resp: 468468

Ion Ratio Lower Upper

79 100

108 79.8 65.9 98.9

77 62.2 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.530 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.018 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

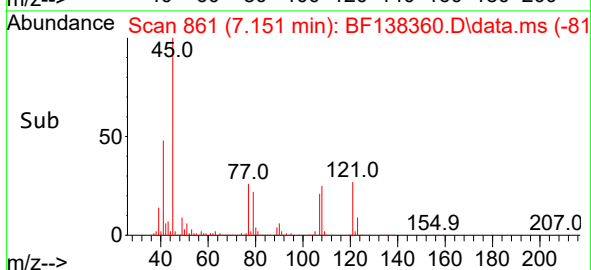
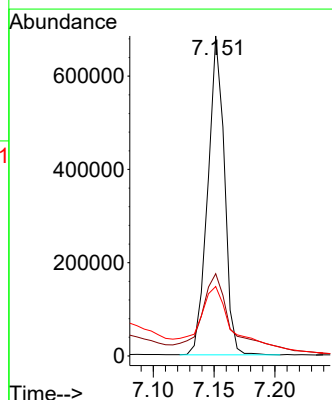
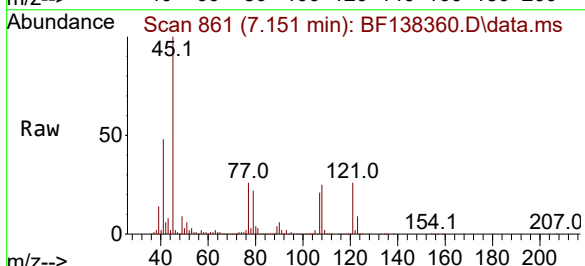
Tgt Ion: 45 Resp: 645454

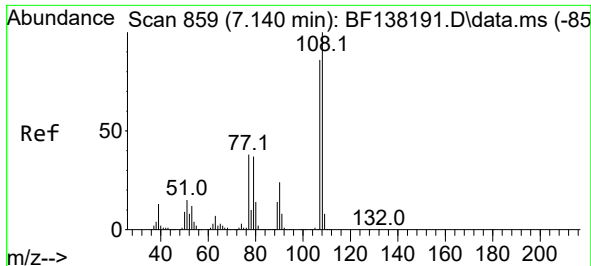
Ion Ratio Lower Upper

45 100

77 25.7 0.0 33.9

79 21.7 0.0 30.7

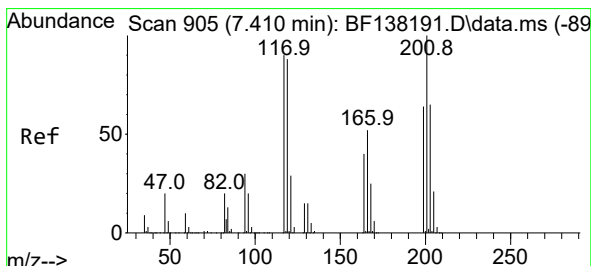
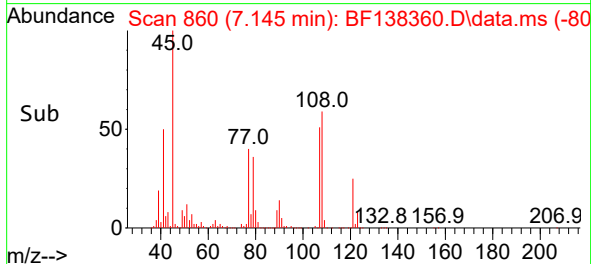
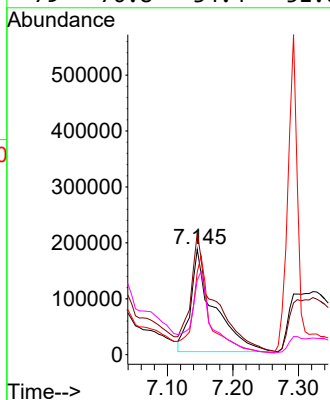
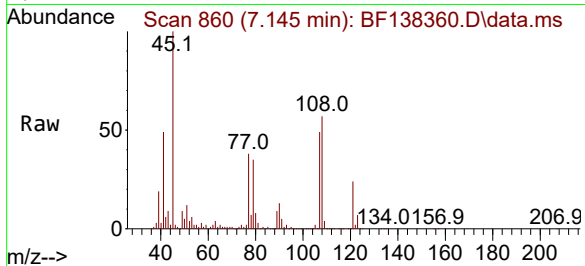




#17
2-Methylphenol
Concen: 43.473 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

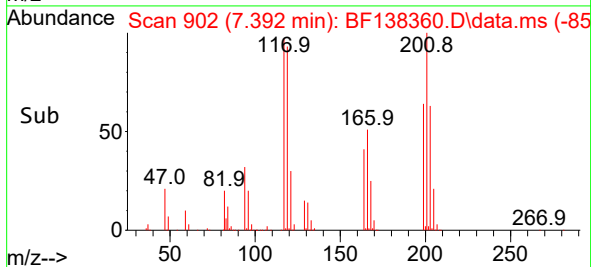
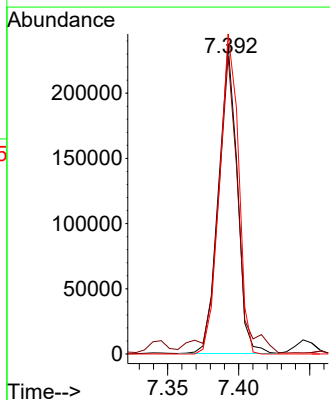
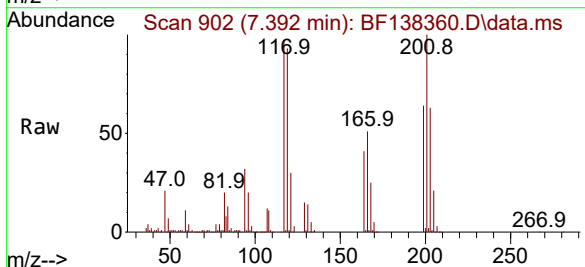
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

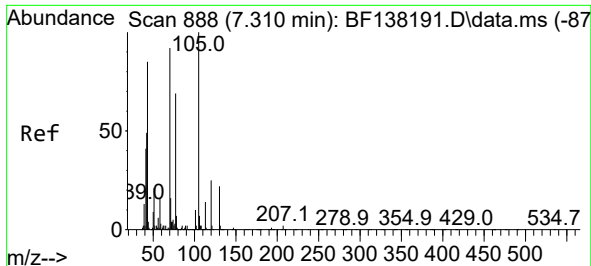
Tgt Ion:107 Resp: 450758
Ion Ratio Lower Upper
107 100
108 115.6 92.7 139.1
77 78.5 35.7 53.5#
79 70.8 34.4 51.6#



#18
Hexachloroethane
Concen: 42.375 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:117 Resp: 215777
Ion Ratio Lower Upper
117 100
119 96.2 78.4 117.6
201 103.5 89.0 133.6

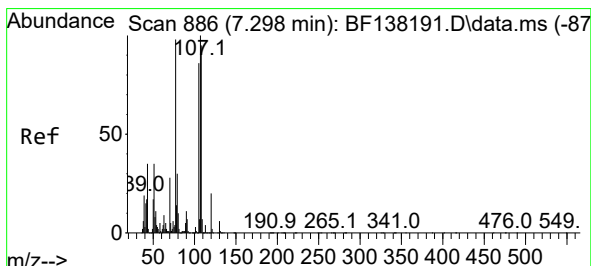
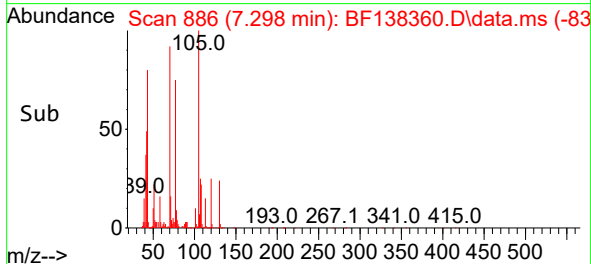
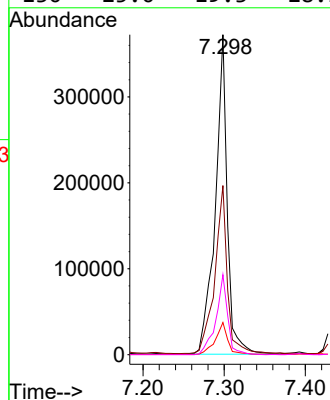
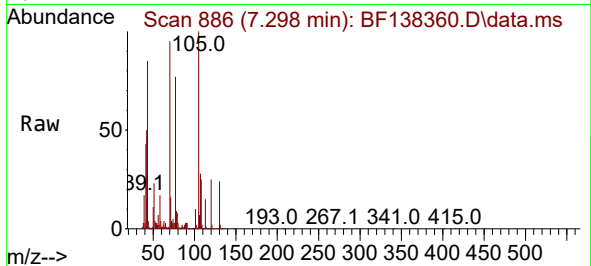




#19
n-Nitroso-di-n-propylamine
Concen: 41.872 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

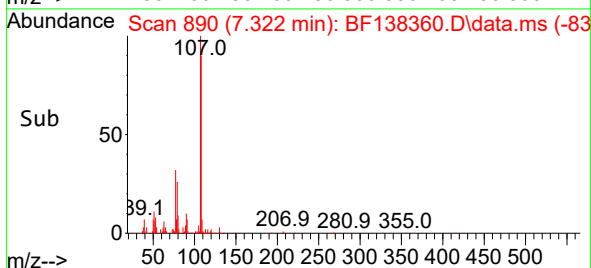
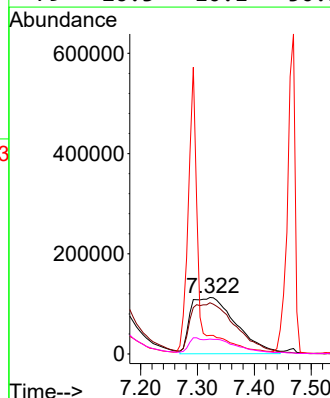
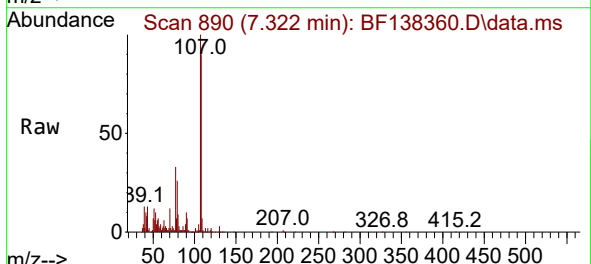
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

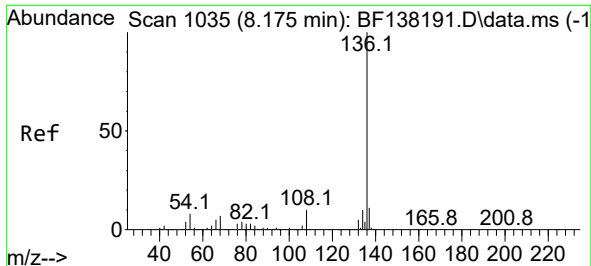
Tgt Ion: 70 Resp: 382580
Ion Ratio Lower Upper
70 100
42 52.9 42.8 64.2
101 10.1 8.4 12.6
130 25.0 19.3 28.9



#20
3+4-Methylphenols
Concen: 47.513 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.024 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion: 107 Resp: 620084
Ion Ratio Lower Upper
107 100
108 90.4 74.9 114.9
77 32.7 78.2 118.2#
79 26.3 10.1 50.1

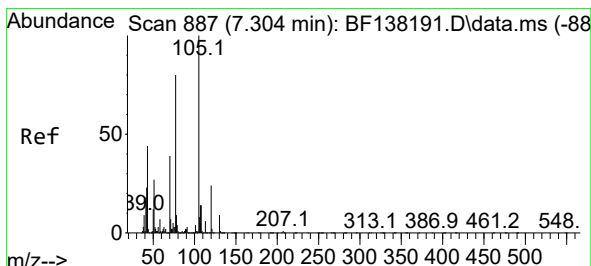
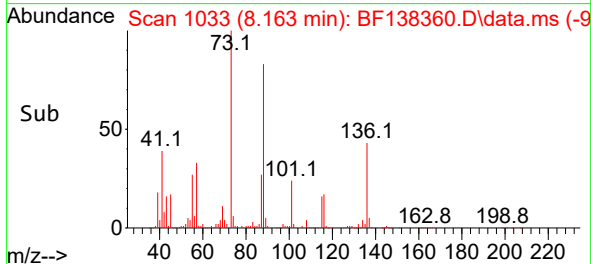
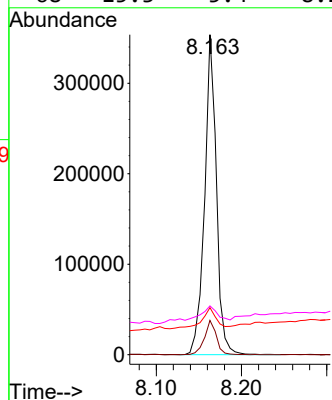
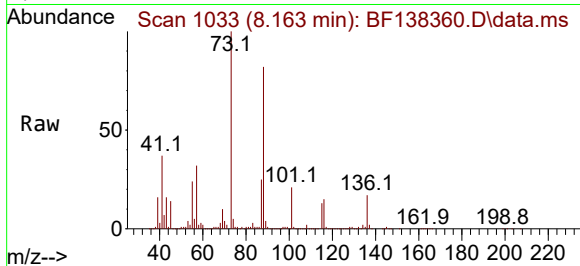




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

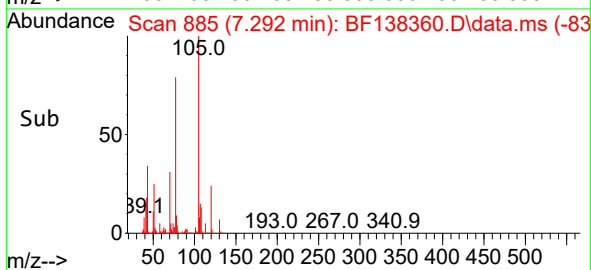
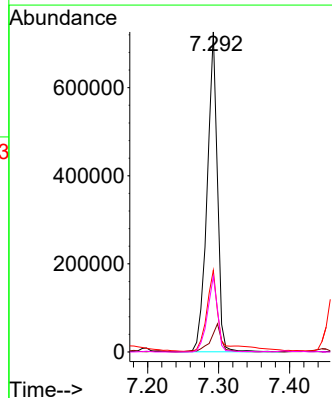
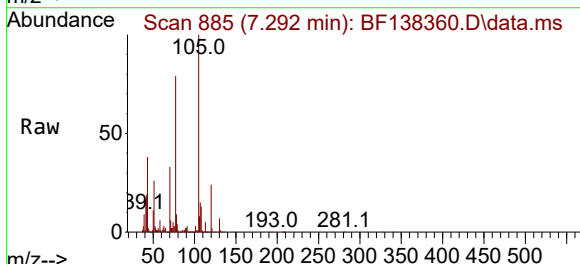
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

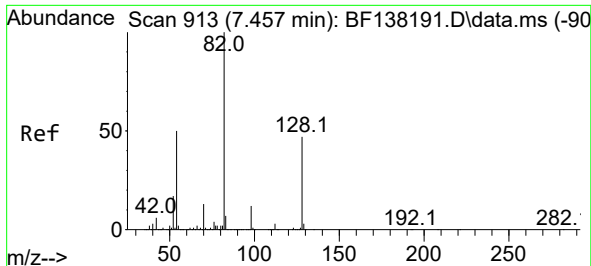
Tgt Ion:136 Resp: 339415
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 14.7 6.6 10.0#
68 15.3 5.4 8.2#



#22
Acetophenone
Concen: 94.176 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:105 Resp: 730207
Ion Ratio Lower Upper
105 100
71 5.7 5.4 8.2
51 25.5 21.4 32.0
120 23.6 19.4 29.2





#23

Nitrobenzene-d5

Concen: 177.516 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

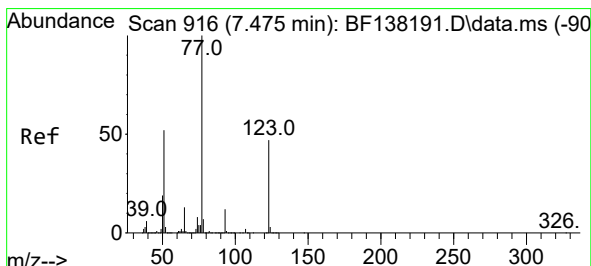
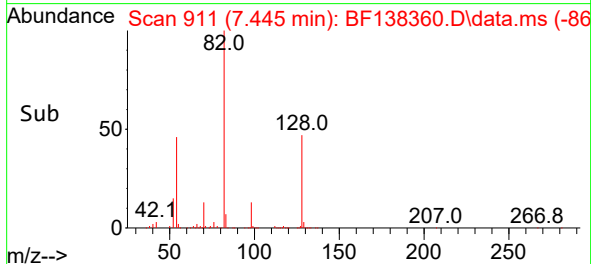
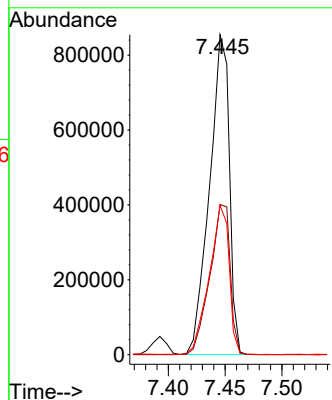
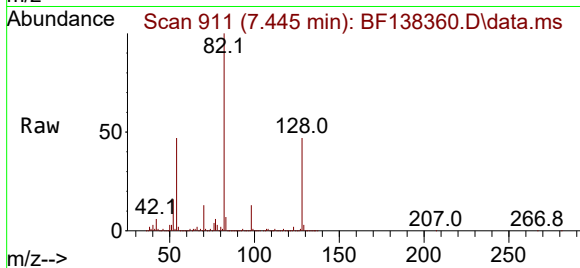
BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

Tgt Ion: 82 Resp: 1034957

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.2	55.8
54	46.7	39.8	59.6



#24

Nitrobenzene

Concen: 99.316 ng

RT: 7.469 min Scan# 915

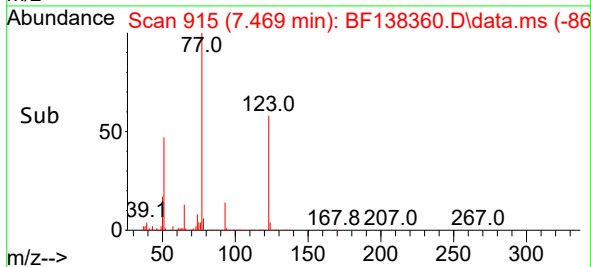
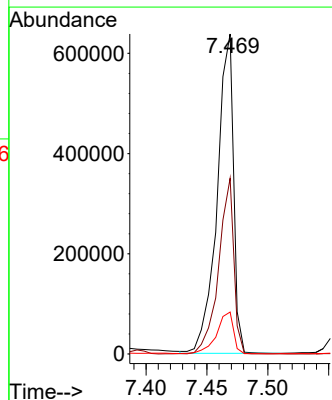
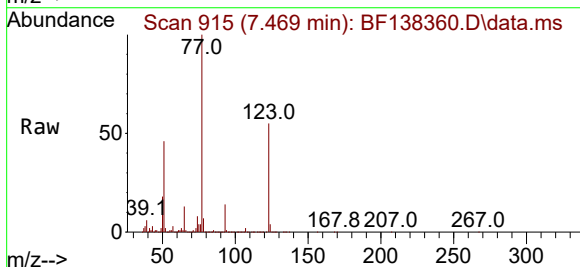
Delta R.T. -0.006 min

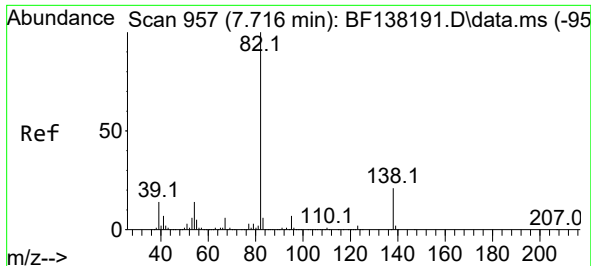
Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Tgt Ion: 77 Resp: 598456

Ion	Ratio	Lower	Upper
77	100		
123	54.9	37.3	55.9
65	13.1	10.6	15.8

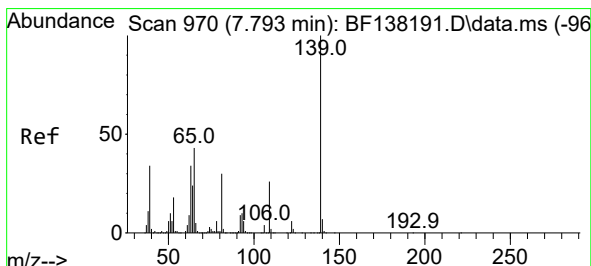
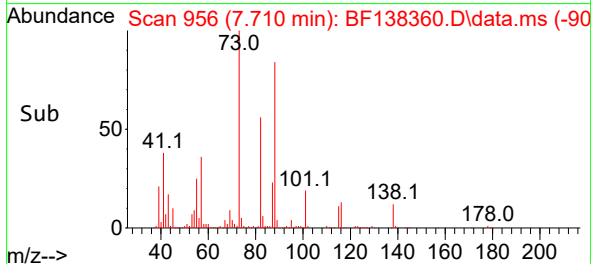
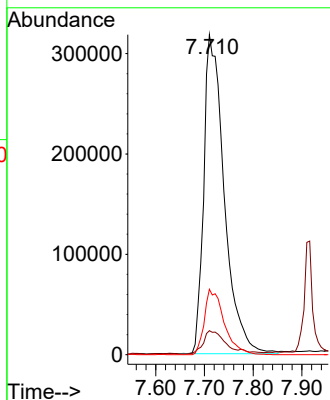
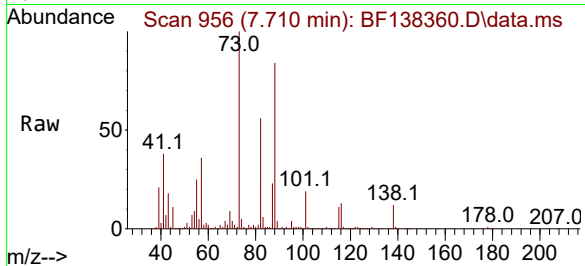




#25
Isophorone
Concen: 87.988 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

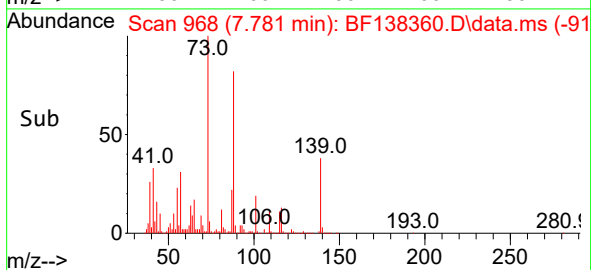
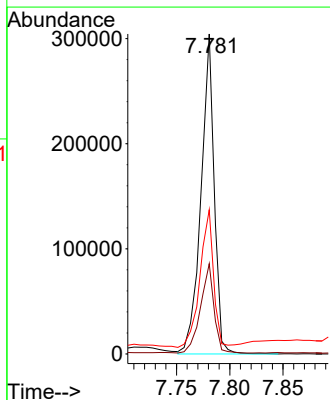
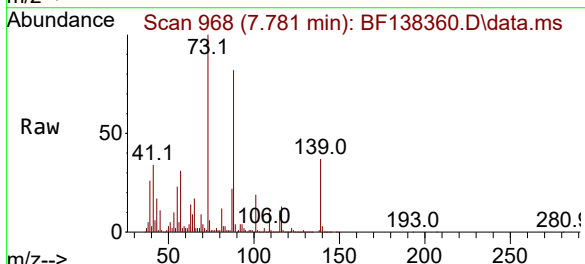
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

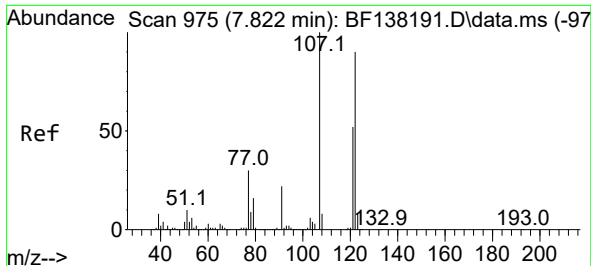
Tgt Ion: 82 Resp: 927891
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 20.5 16.4 24.6



#26
2-Nitrophenol
Concen: 109.301 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:139 Resp: 264841
Ion Ratio Lower Upper
139 100
109 28.2 20.7 31.1
65 45.0 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 82.003 ng

RT: 7.845 min Scan# 91

Delta R.T. 0.023 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

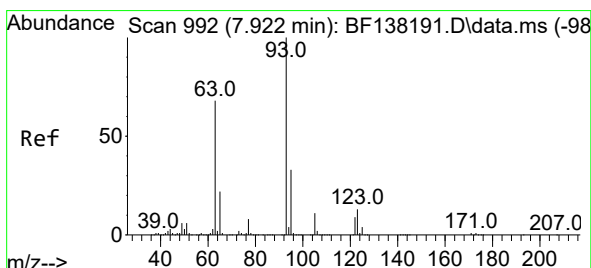
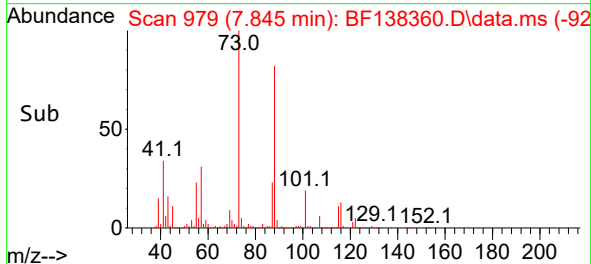
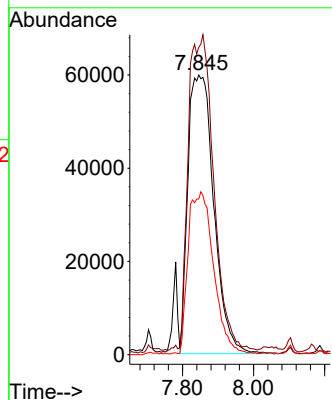
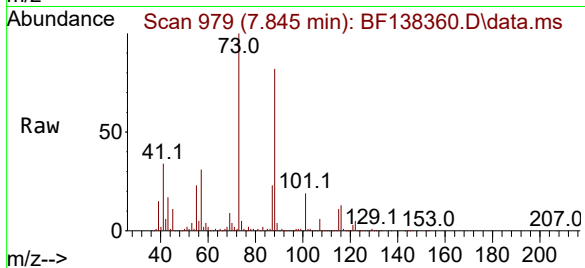
Tgt Ion:122 Resp: 302294

Ion Ratio Lower Upper

122 100

107 109.9 87.7 131.5

121 55.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 60.754 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

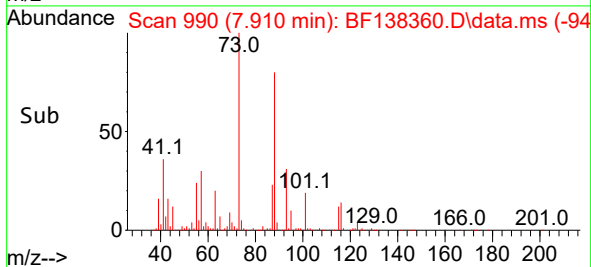
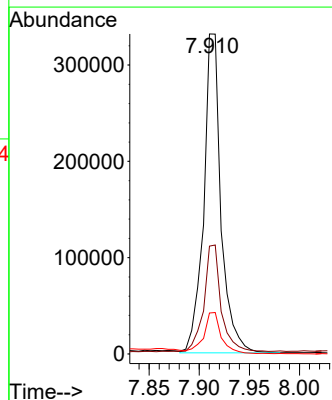
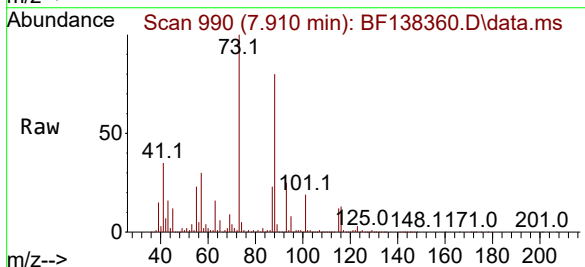
Tgt Ion: 93 Resp: 401064

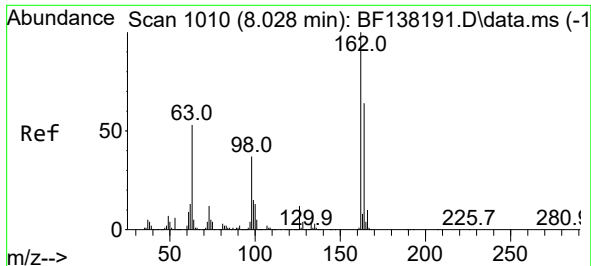
Ion Ratio Lower Upper

93 100

95 33.7 26.6 39.8

123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 58.610 ng

RT: 8.051 min Scan# 1014

Delta R.T. 0.024 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

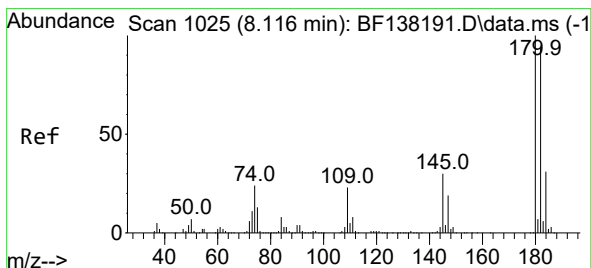
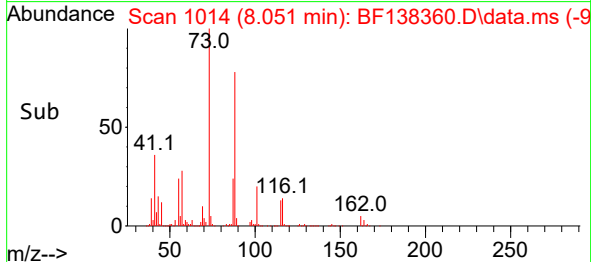
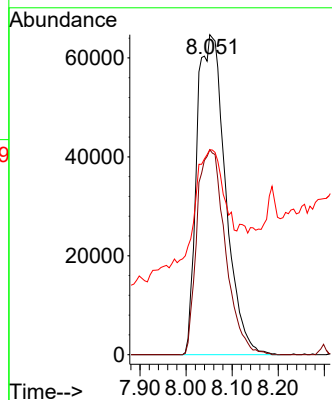
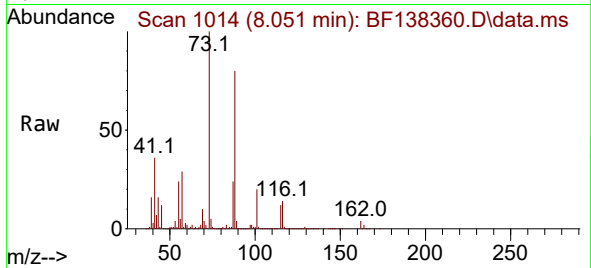
Tgt Ion:162 Resp: 278167

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 64.0 16.5 56.5#



#30

1,2,4-Trichlorobenzene

Concen: 53.107 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

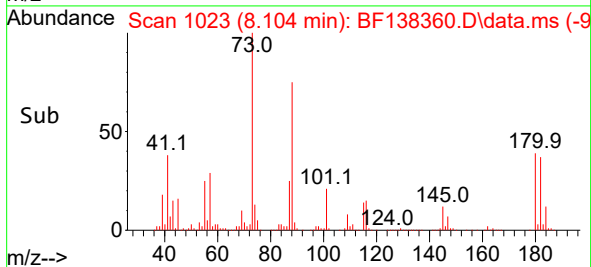
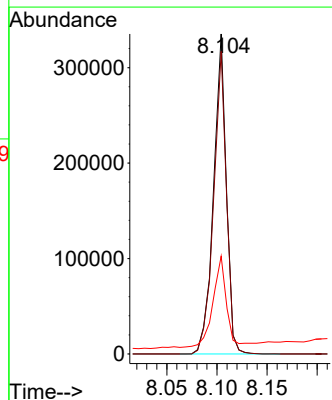
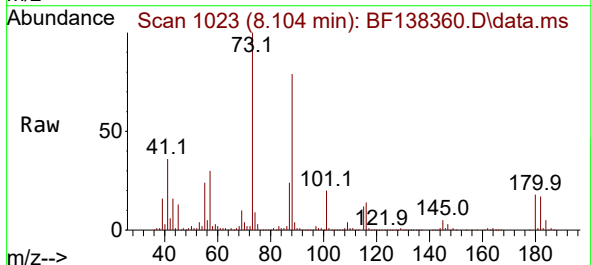
Tgt Ion:180 Resp: 297245

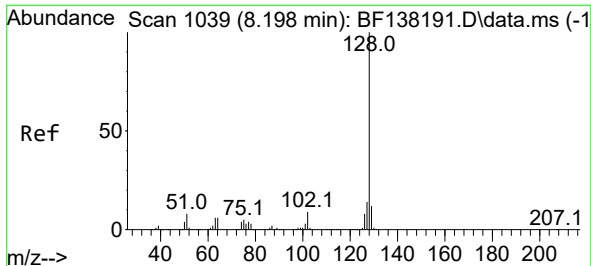
Ion Ratio Lower Upper

180 100

182 94.5 75.0 112.6

145 30.6 23.8 35.6

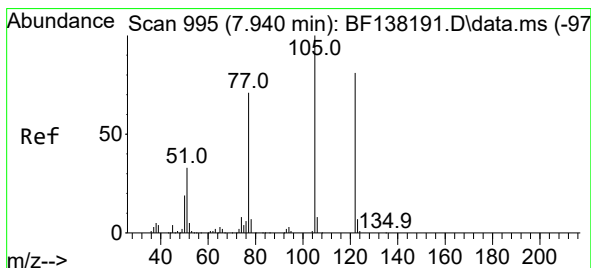
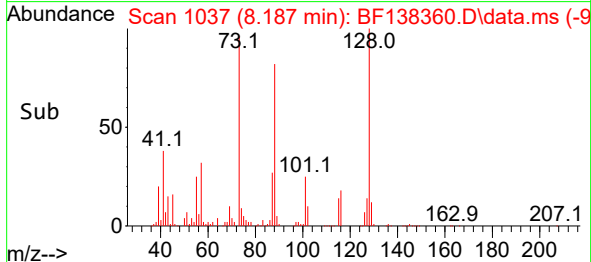
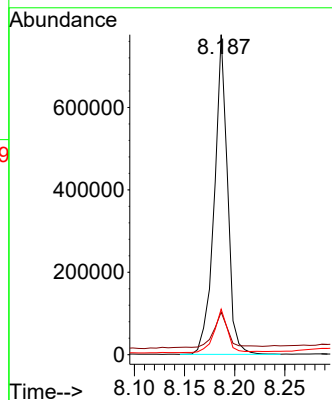
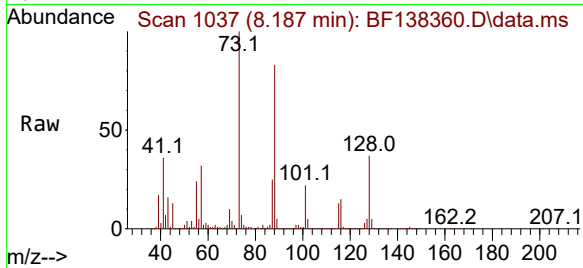




#31
Naphthalene
Concen: 42.239 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

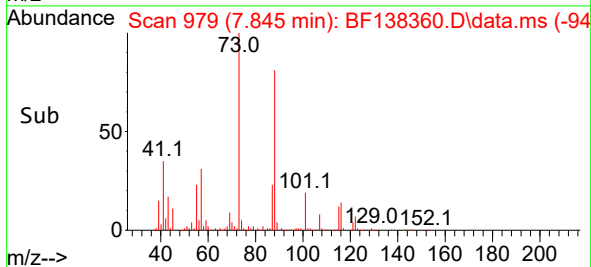
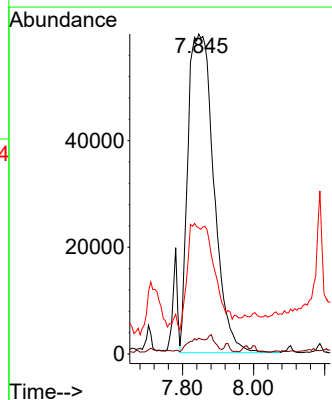
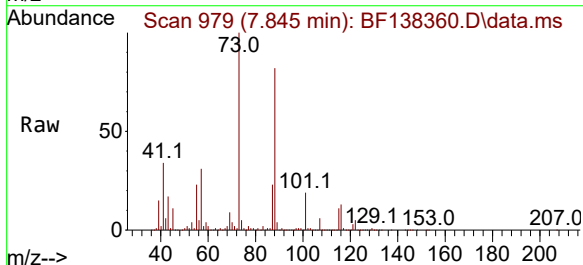
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BNA_F
ClientSampleId :
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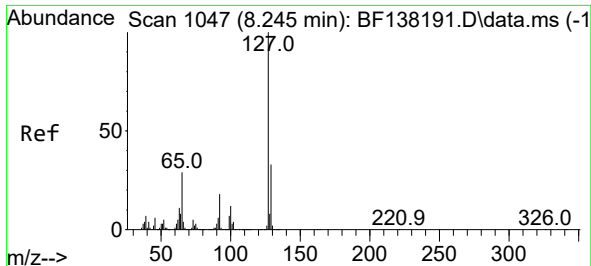
Tgt Ion:128 Resp: 708912
Ion Ratio Lower Upper
128 100
129 13.3 9.5 14.3
127 14.2 11.0 16.6



#32
Benzoic acid
Concen: 92.909 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.095 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:122 Resp: 301862
Ion Ratio Lower Upper
122 100
105 4.9 100.1 140.1#
77 39.3 66.5 106.5#

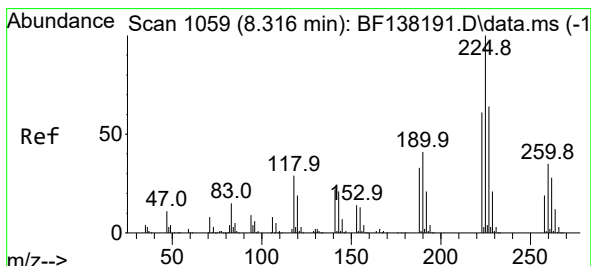
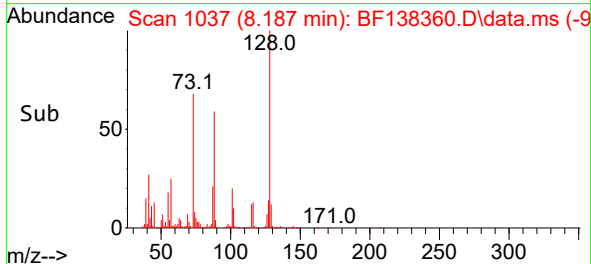
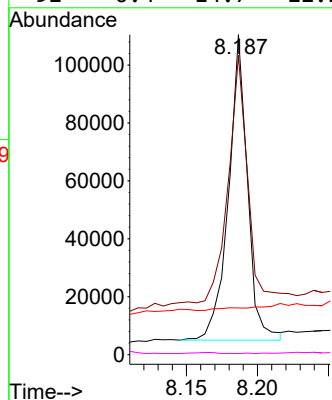
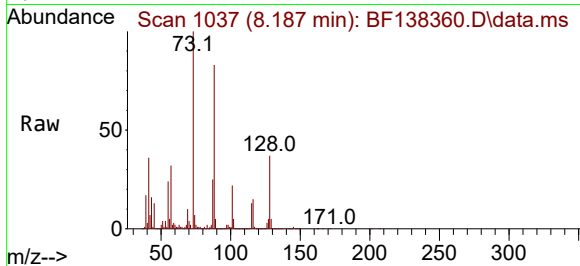




#33
4-Chloroaniline
Concen: 15.648 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.059 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

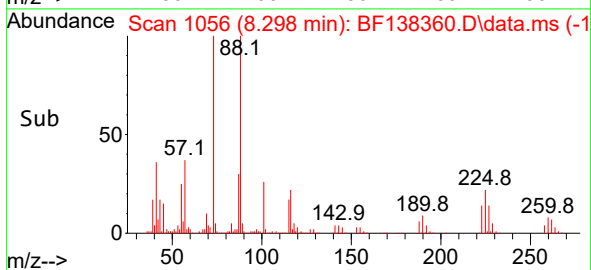
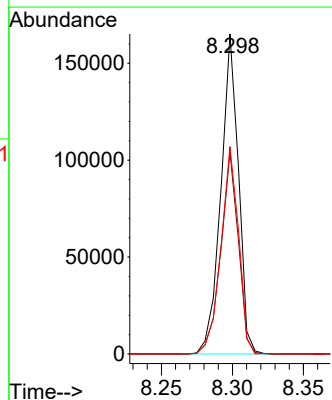
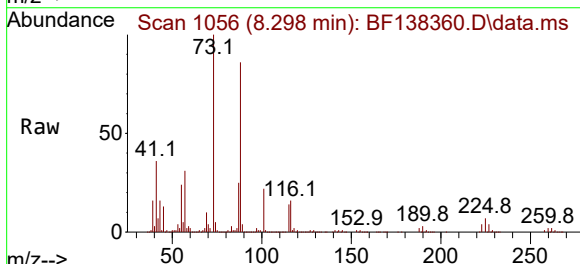
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ClientSampleId :
SHOR-RAG-DRUMMS

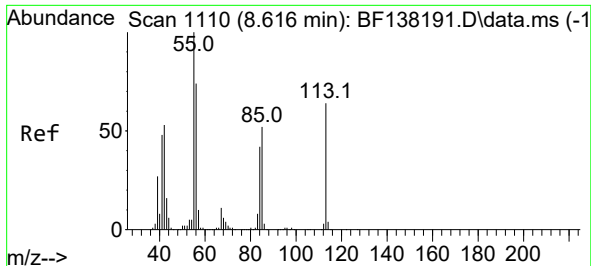
Tgt Ion:	127	Resp:	98159
Ion	Ratio	Lower	Upper
127	100		
129	93.5	26.1	39.1#
65	14.6	23.6	35.4#
92	0.4	14.7	22.1#



#34
Hexachlorobutadiene
Concen: 43.233 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.018 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:	225	Resp:	141520
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.0	73.6
227	64.8	51.2	76.8

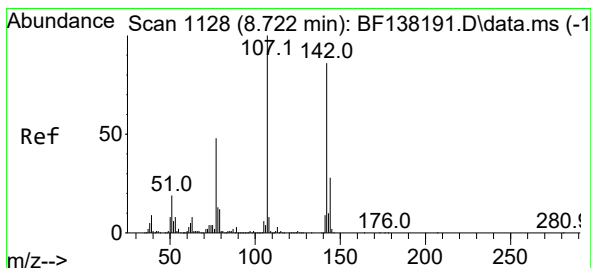
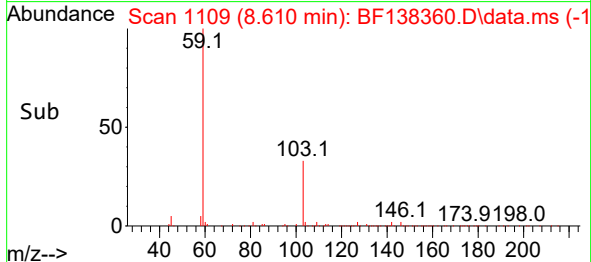
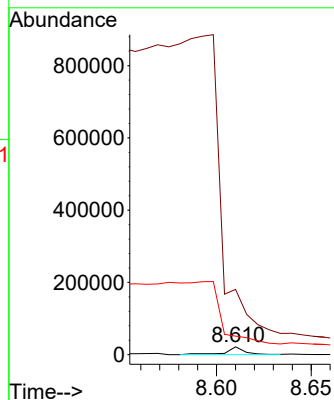
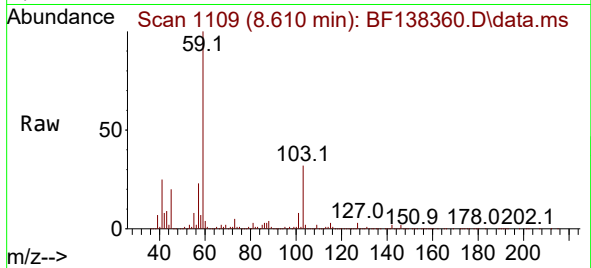




#35
 Caprolactam
 Concen: 10.724 ng
 RT: 8.610 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF138360.D
 Acq: 26 Jun 2024 19:31

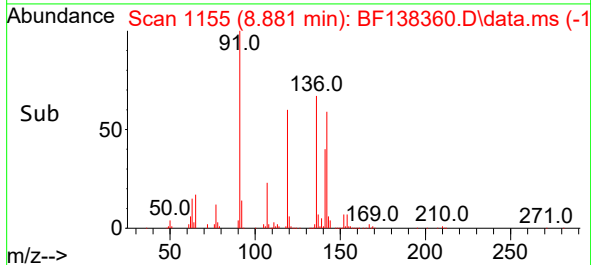
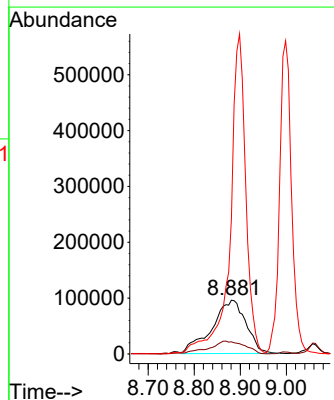
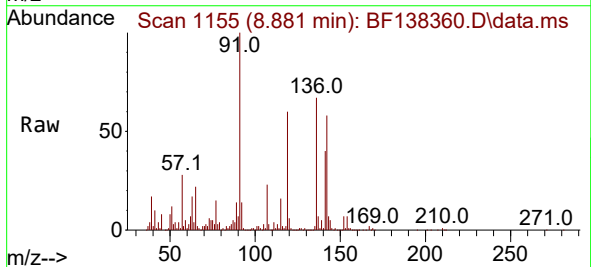
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 BNA_F
 ClientSampleId :
 SHOR-RAG-DRUMMS

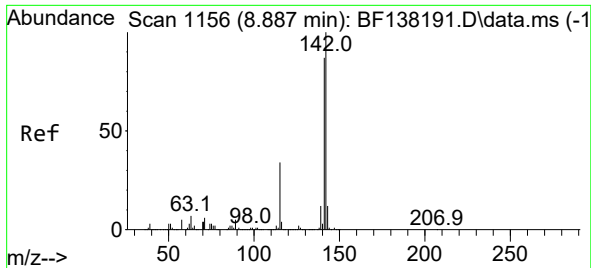
Tgt Ion:113 Resp: 15366
 Ion Ratio Lower Upper
 113 100
 55 838.0 135.4 175.4#
 56 238.1 95.5 135.5#



#36
 4-Chloro-3-methylphenol
 Concen: 103.861 ng
 RT: 8.881 min Scan# 1155
 Delta R.T. 0.159 min
 Lab File: BF138360.D
 Acq: 26 Jun 2024 19:31

Tgt Ion:107 Resp: 490791
 Ion Ratio Lower Upper
 107 100
 144 22.5 22.6 34.0#
 142 251.1 69.0 103.4#

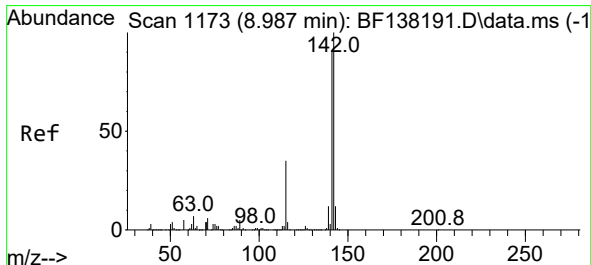
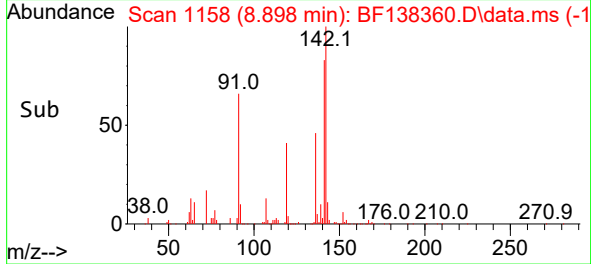
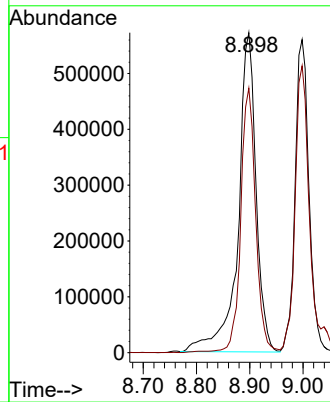
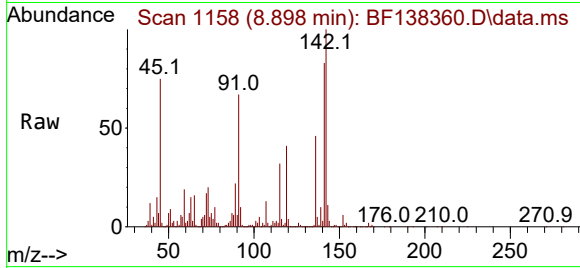




#37
2-Methylnaphthalene
Concen: 121.378 ng
RT: 8.898 min Scan# 1156
Delta R.T. 0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

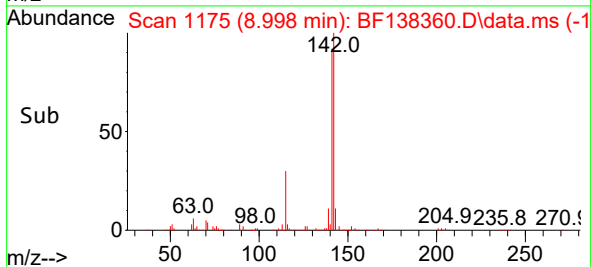
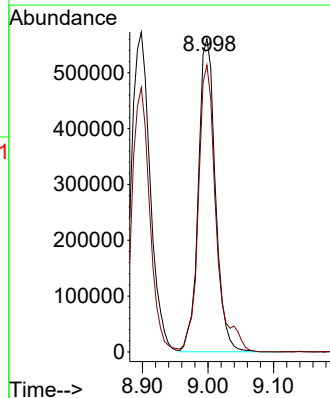
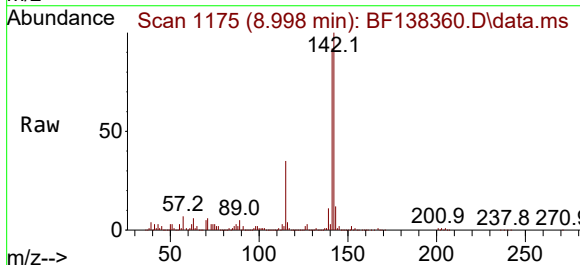
Instrument :
BNA_F
ClientSampleId :
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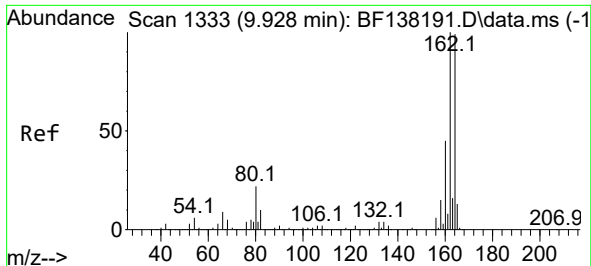
Tgt Ion:142 Resp: 1336947
Ion Ratio Lower Upper
142 100
141 82.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 94.233 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:142 Resp: 1017140
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1186

Delta R.T. 0.029 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

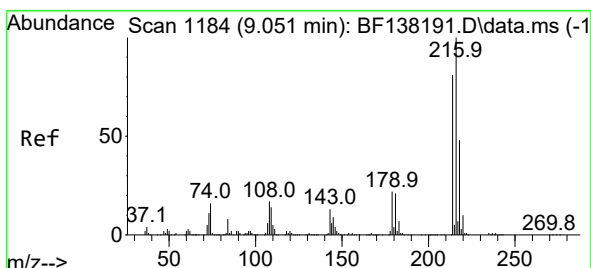
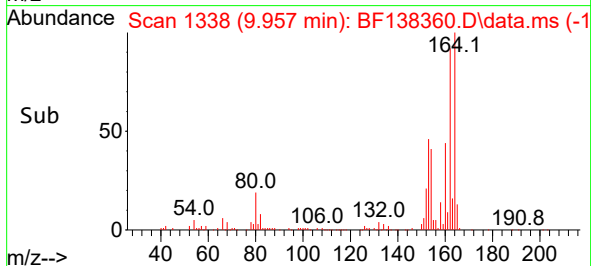
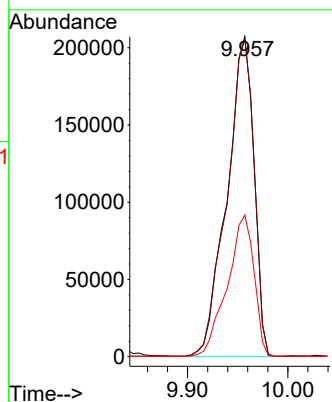
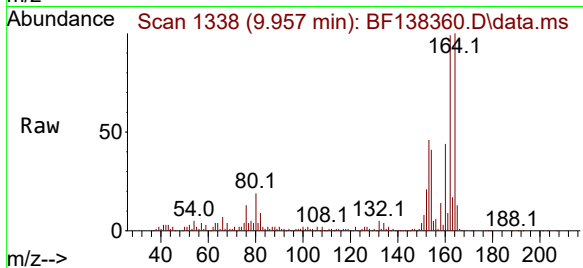
Tgt Ion:164 Resp: 386904

Ion Ratio Lower Upper

164 100

162 99.1 80.6 121.0

160 44.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.230 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Tgt Ion:216 Resp: 466145

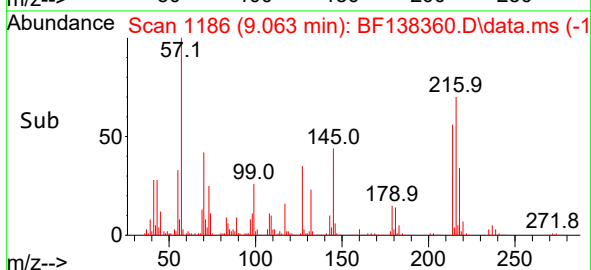
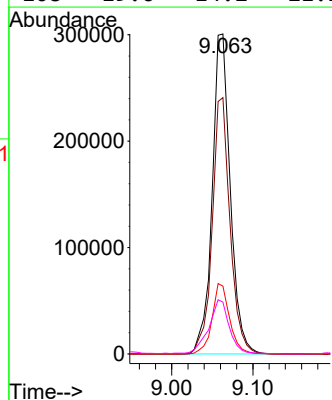
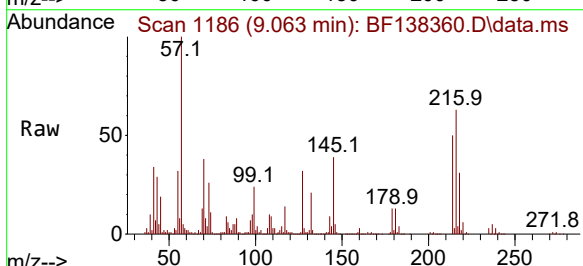
Ion Ratio Lower Upper

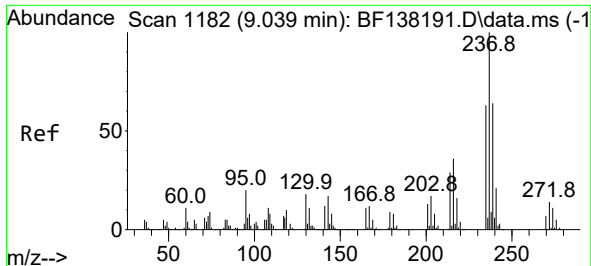
216 100

214 78.8 63.7 95.5

179 21.3 16.9 25.3

108 19.6 14.2 21.2

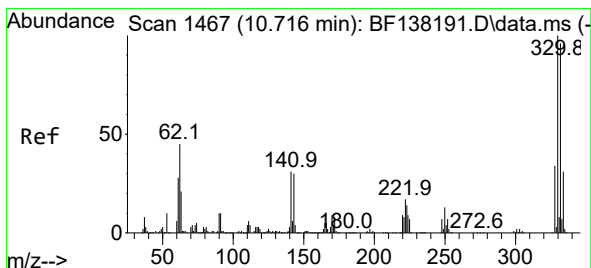
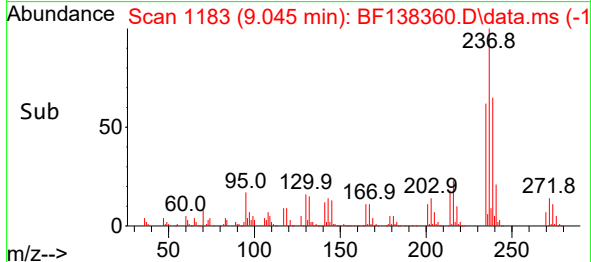
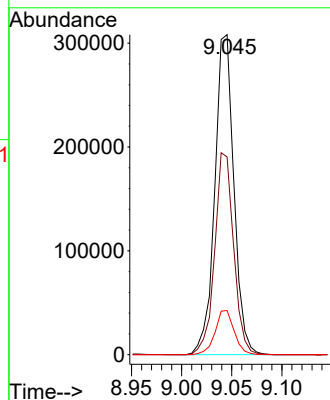
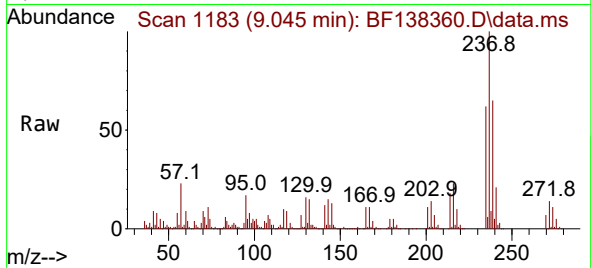




#41
Hexachlorocyclopentadiene
Concen: 110.833 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

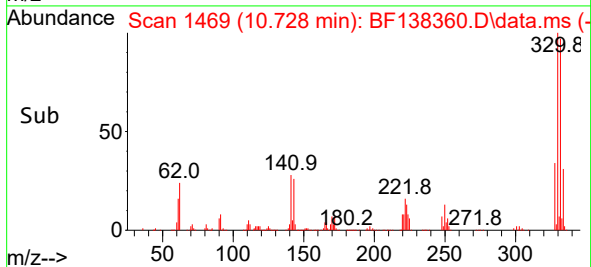
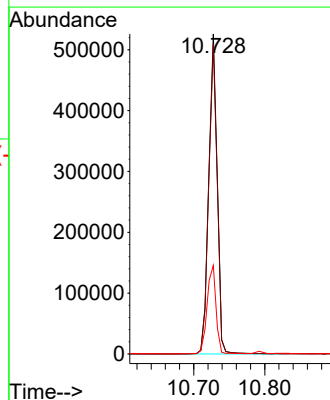
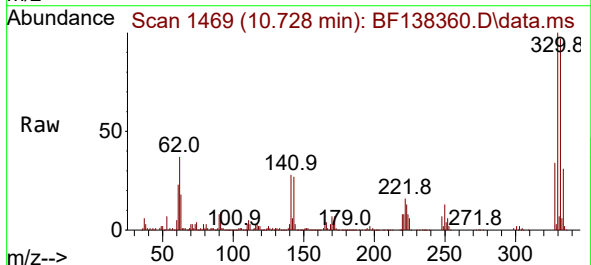
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BNA_F
ClientSampleId :
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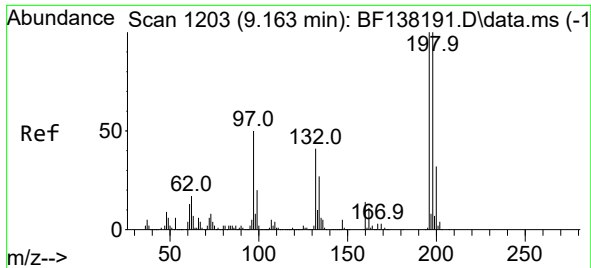
Tgt Ion:237 Resp: 408593
Ion Ratio Lower Upper
237 100
235 61.8 43.3 83.3
272 13.8 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 113.644 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:330 Resp: 437726
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 29.0 23.9 35.9

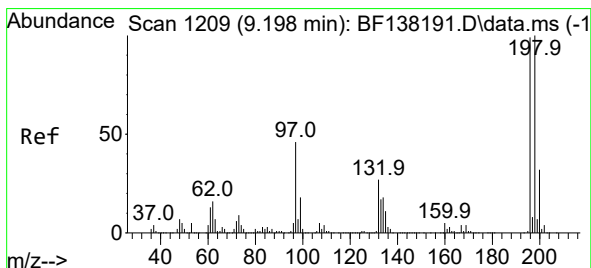
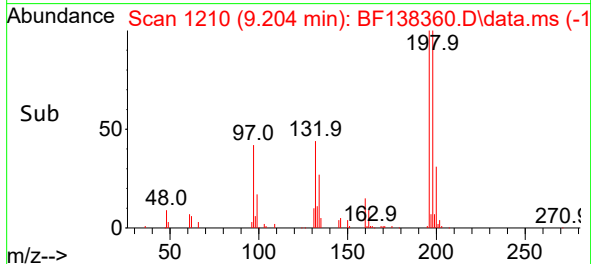
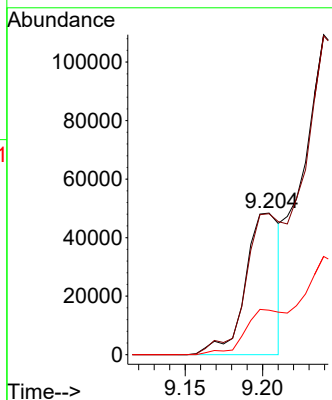
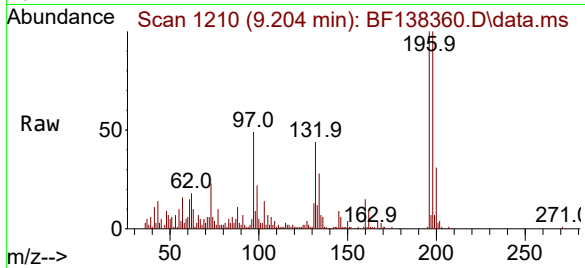




#43
2,4,6-Trichlorophenol
Concen: 10.577 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

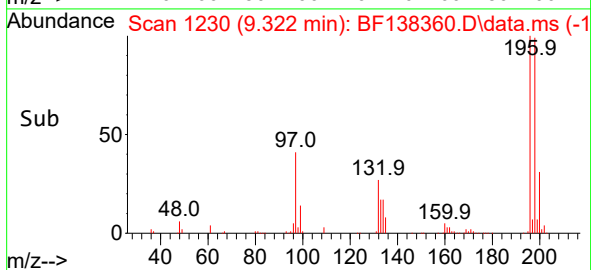
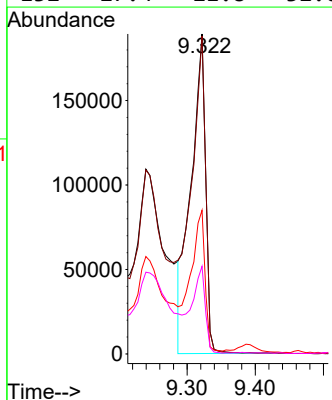
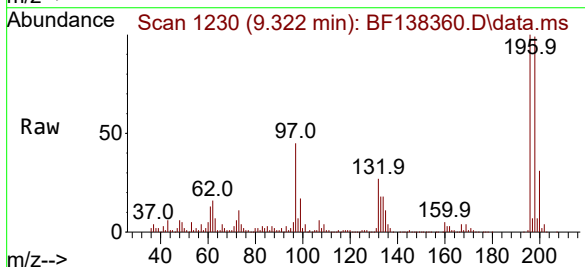
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

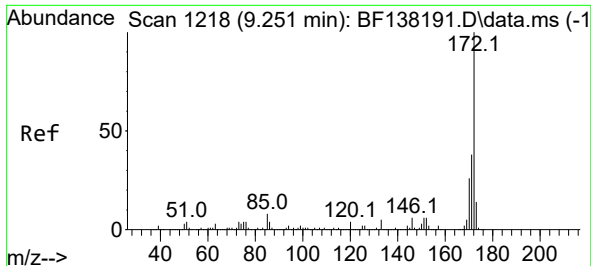
Tgt Ion:196 Resp: 74875
Ion Ratio Lower Upper
196 100
198 99.6 79.8 119.6
200 31.4 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 36.695 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.123 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:196 Resp: 285274
Ion Ratio Lower Upper
196 100
198 99.4 80.4 120.6
97 44.9 37.4 56.2
132 27.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 84.509 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

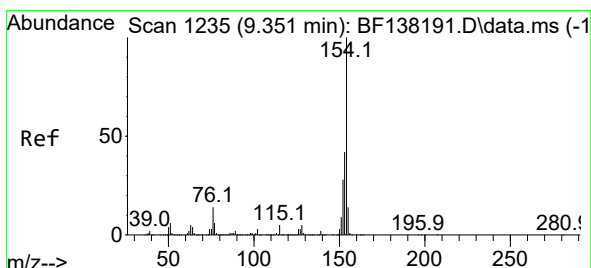
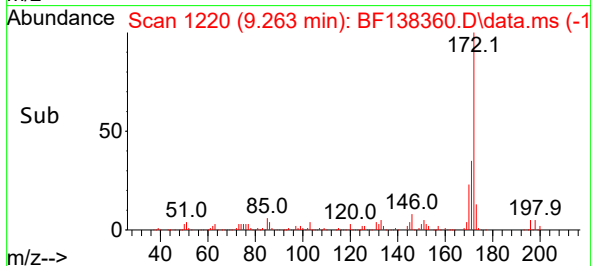
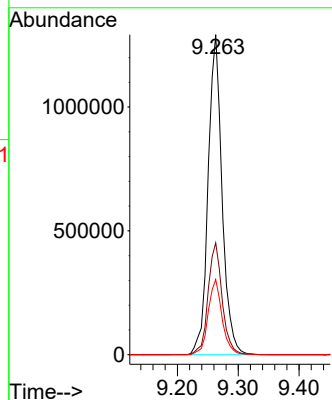
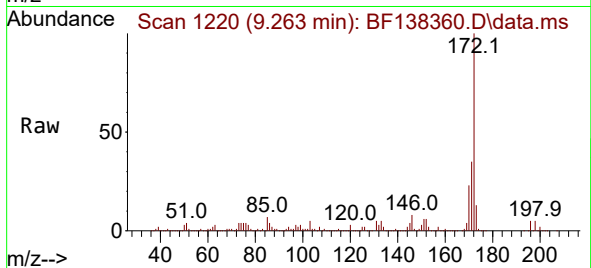
Tgt Ion:172 Resp: 2056227

Ion Ratio Lower Upper

172 100

171 35.0 30.3 45.5

170 23.5 20.6 30.8



#46

1,1'-Biphenyl

Concen: 44.054 ng

RT: 9.363 min Scan# 1237

Delta R.T. 0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

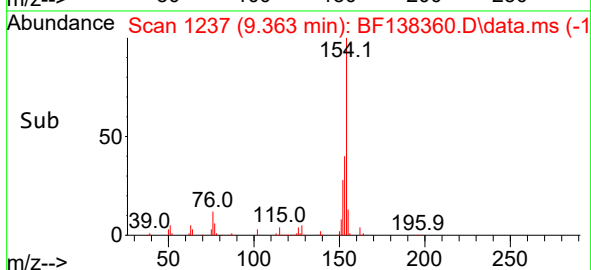
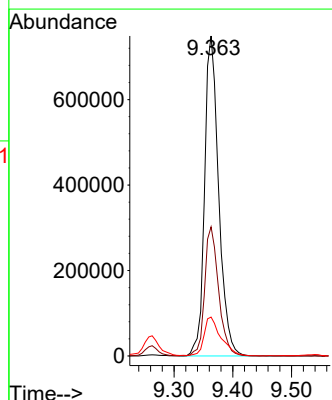
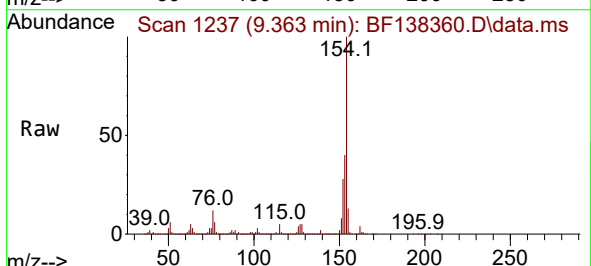
Tgt Ion:154 Resp: 1250711

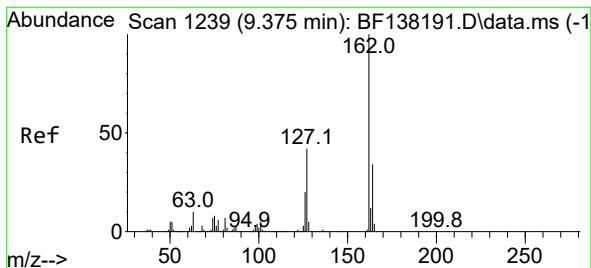
Ion Ratio Lower Upper

154 100

153 40.3 22.1 62.1

76 12.2 0.0 34.3





#47

2-Chloronaphthalene

Concen: 45.388 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.018 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

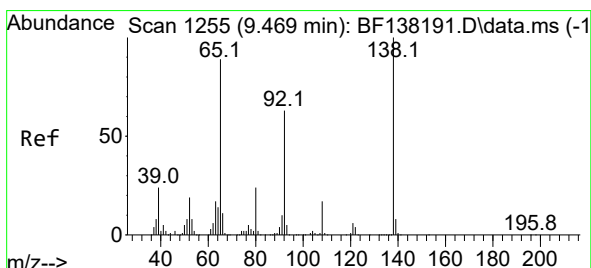
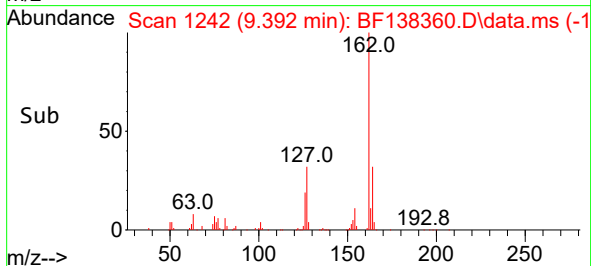
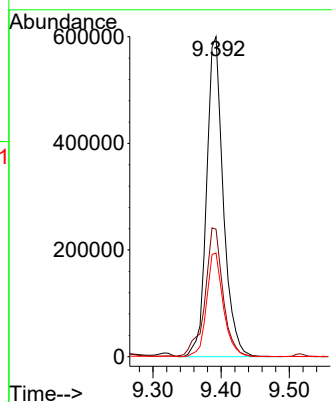
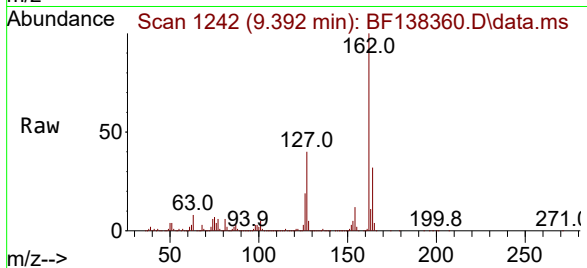
Tgt Ion:162 Resp: 1018382

Ion Ratio Lower Upper

162 100

127 39.9 33.6 50.4

164 32.4 27.2 40.8



#48

2-Nitroaniline

Concen: 45.681 ng

RT: 9.539 min Scan# 1267

Delta R.T. 0.071 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

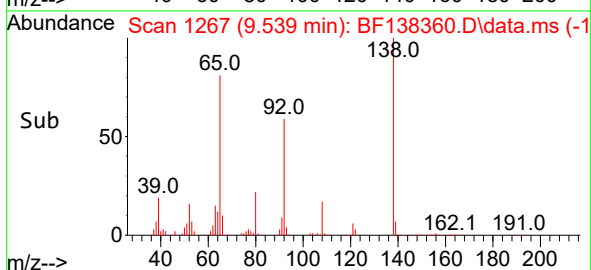
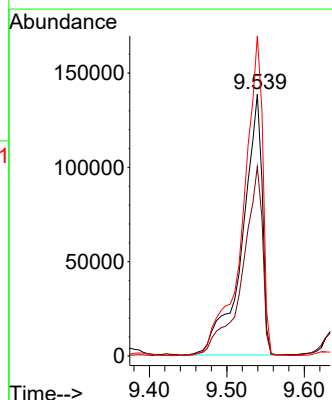
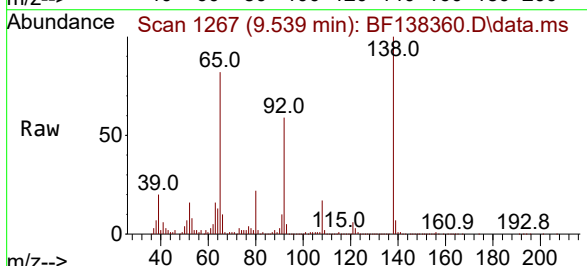
Tgt Ion: 65 Resp: 246834

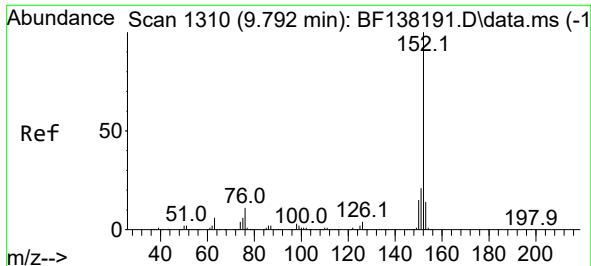
Ion Ratio Lower Upper

65 100

92 72.4 56.6 85.0

138 122.2 90.1 135.1

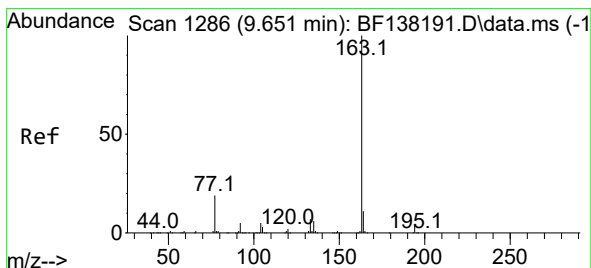
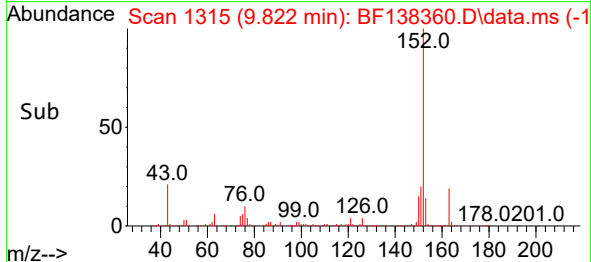
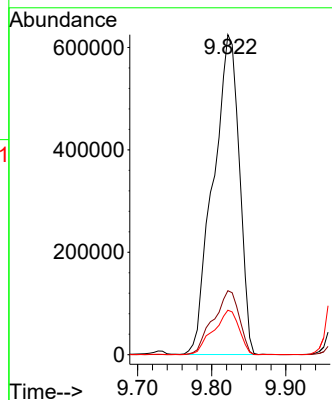
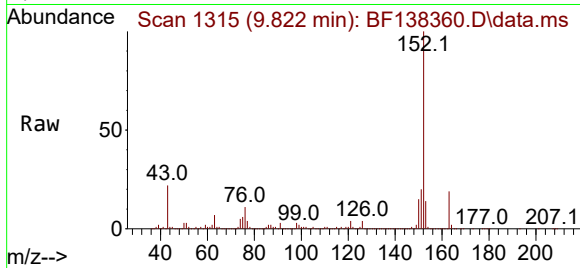




#49
Acenaphthylene
Concen: 48.542 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

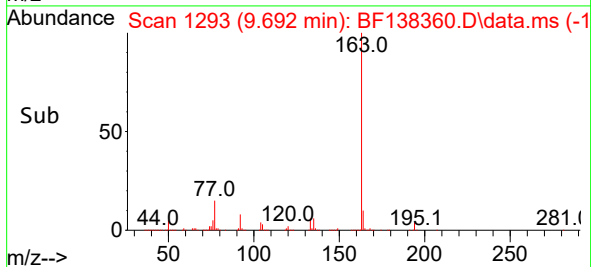
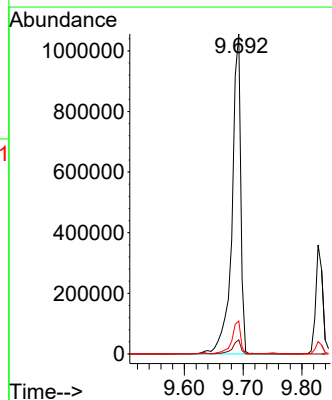
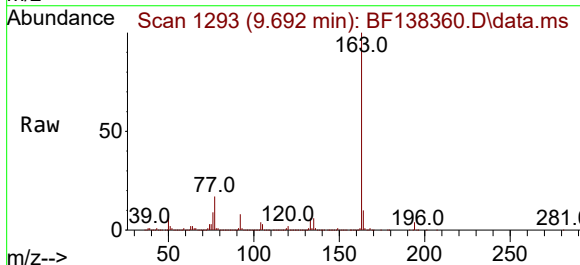
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

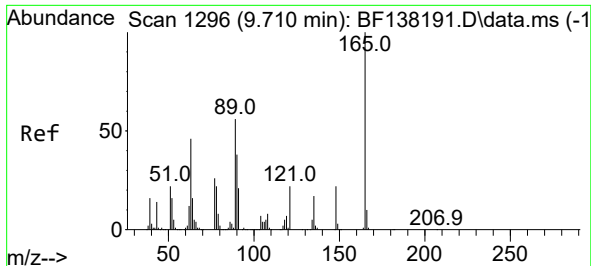
Tgt Ion:152 Resp: 1527260
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.9 11.4 17.0



#50
Dimethylphthalate
Concen: 45.799 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.041 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:163 Resp: 1085702
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 46.763 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

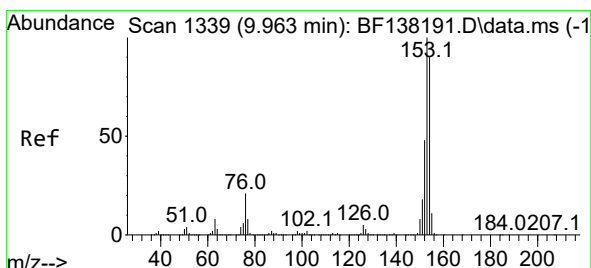
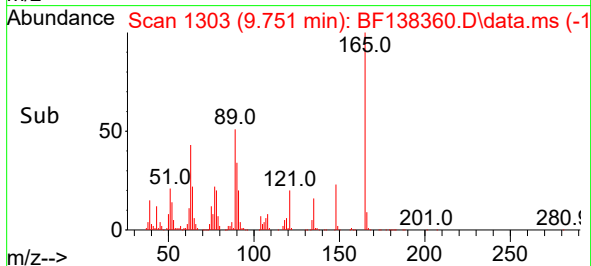
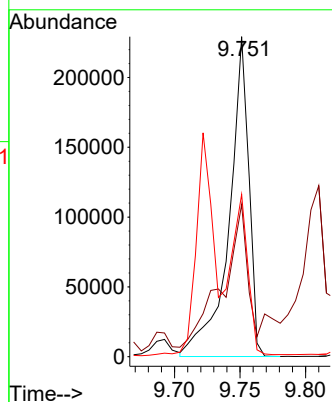
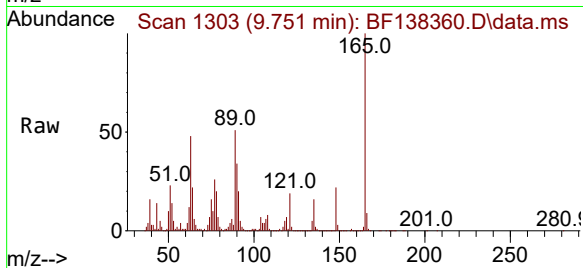
Tgt Ion:165 Resp: 240493

Ion Ratio Lower Upper

165 100

63 47.5 43.7 65.5

89 50.7 44.9 67.3



#52

Acenaphthene

Concen: 47.901 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.023 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

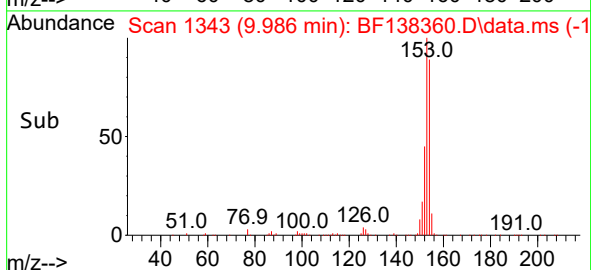
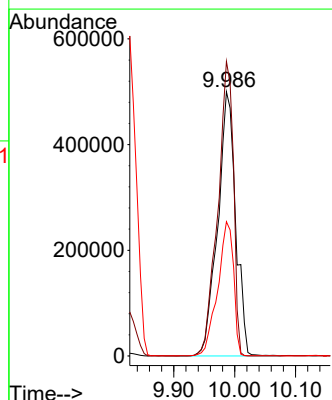
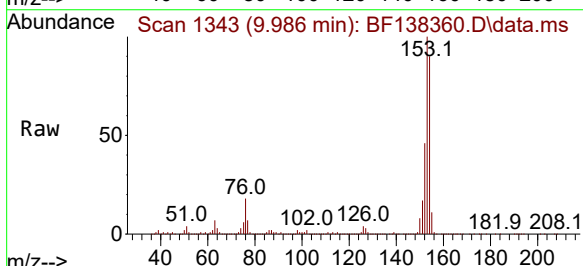
Tgt Ion:154 Resp: 1027668

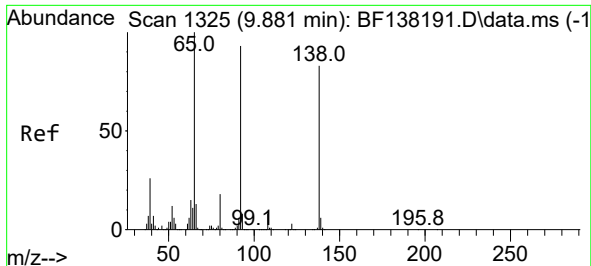
Ion Ratio Lower Upper

154 100

153 111.5 89.1 133.7

152 50.8 42.4 63.6

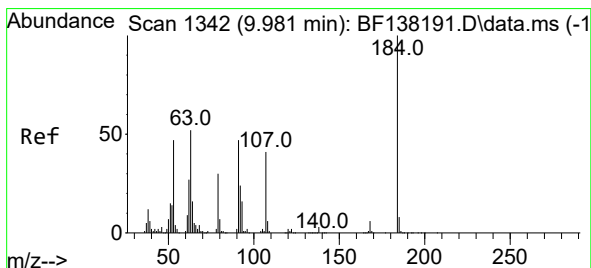
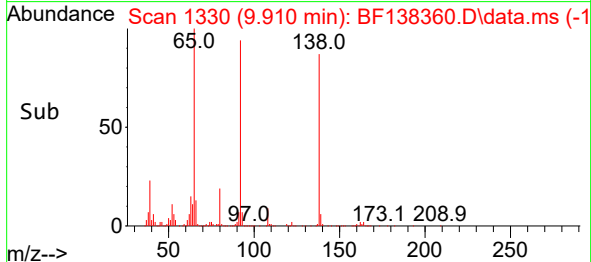
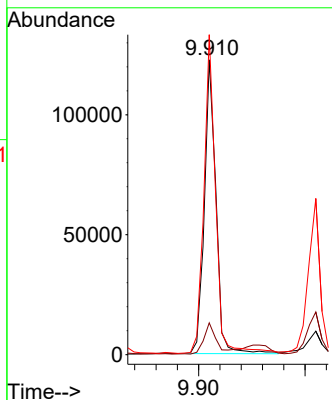
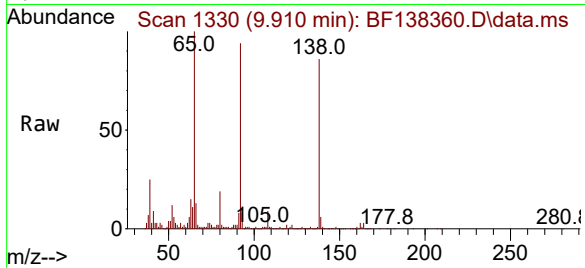




#53
3-Nitroaniline
Concen: 16.916 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.029 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

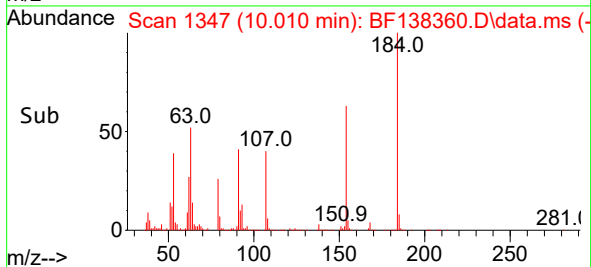
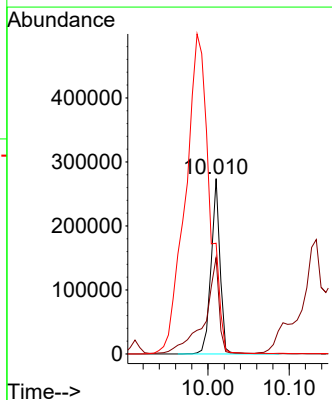
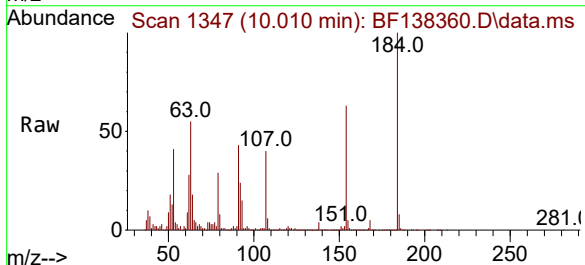
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

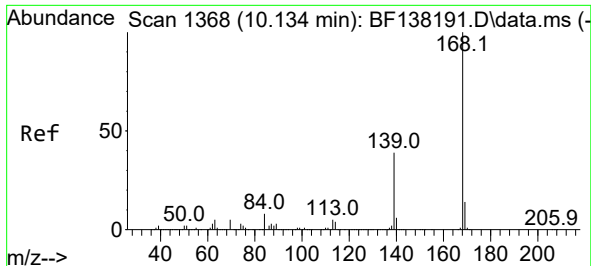
Tgt Ion:138 Resp: 92938
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 108.5 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 80.181 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.029 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:184 Resp: 209682
Ion Ratio Lower Upper
184 100
63 55.0 49.2 73.8
154 63.1 46.7 70.1

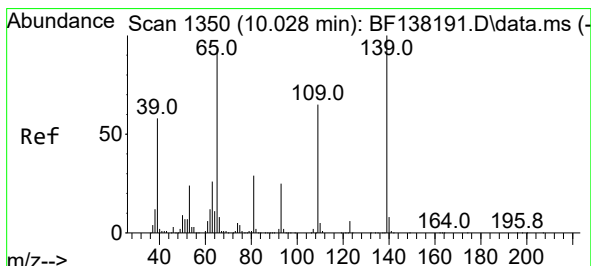
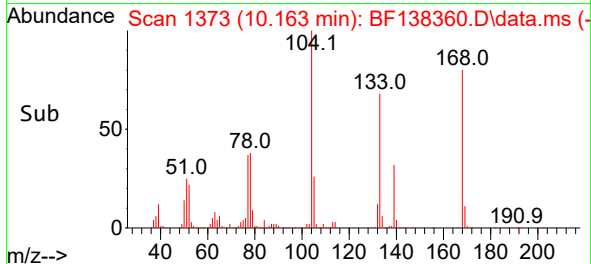
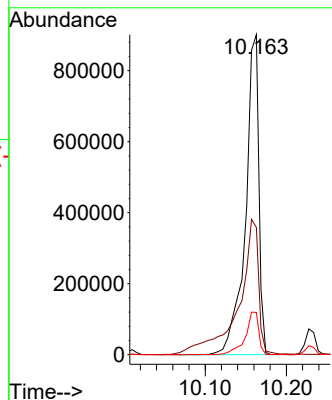
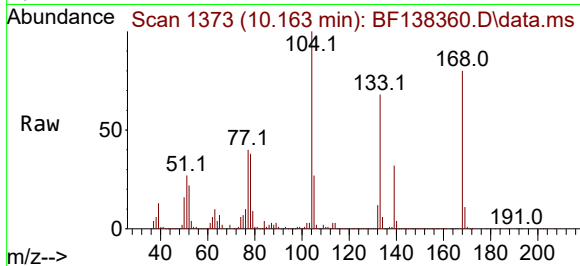




#55
Dibenzenofuran
Concen: 34.330 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.029 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

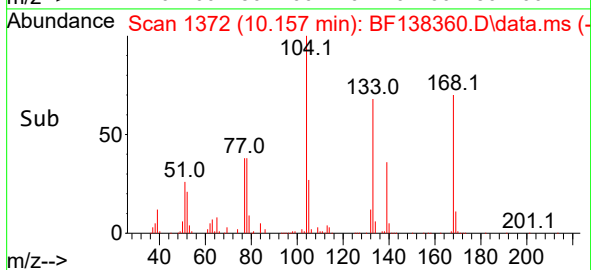
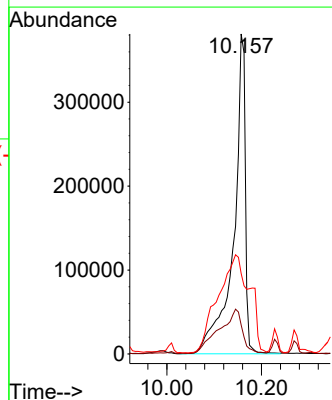
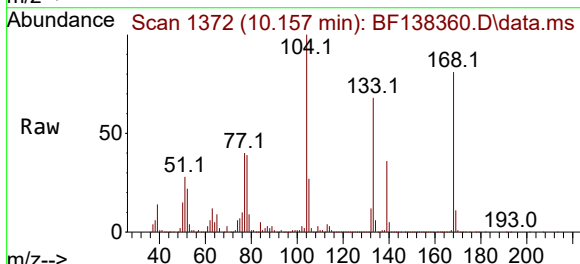
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

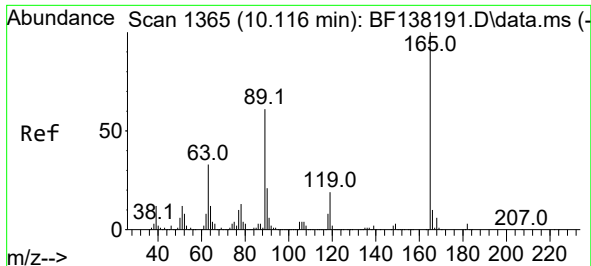
Tgt Ion:168 Resp: 1029618
Ion Ratio Lower Upper
168 100
139 39.8 31.0 46.4
169 13.2 11.4 17.0



#56
4-Nitrophenol
Concen: 149.911 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.129 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:139 Resp: 650856
Ion Ratio Lower Upper
139 100
109 9.1 44.6 84.6#
65 25.2 73.1 113.1#





#57

2,4-Dinitrotoluene

Concen: 40.307 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

Tgt Ion:165 Resp: 255673

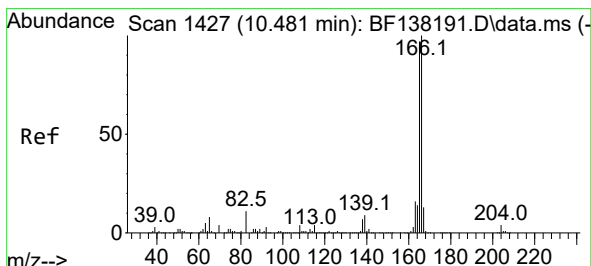
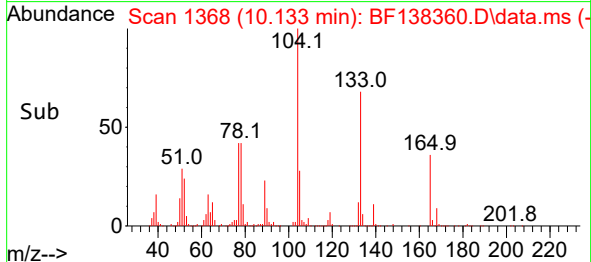
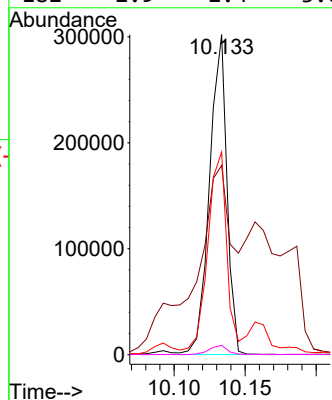
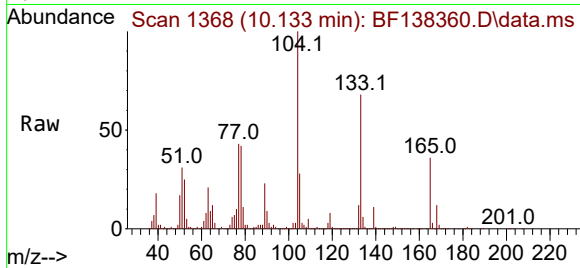
Ion Ratio Lower Upper

165 100

63 59.1 26.6 39.8#

89 63.4 48.7 73.1

182 2.9 2.4 3.6



#58

Fluorene

Concen: 41.128 ng

RT: 10.492 min Scan# 1429

Delta R.T. 0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

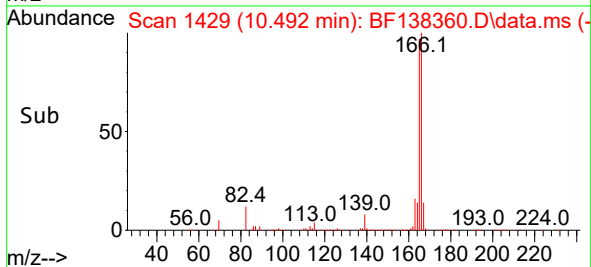
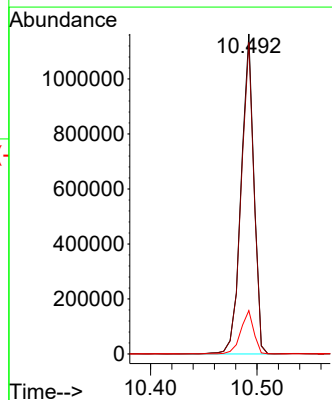
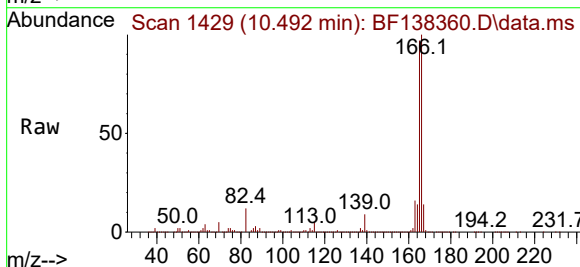
Tgt Ion:166 Resp: 969842

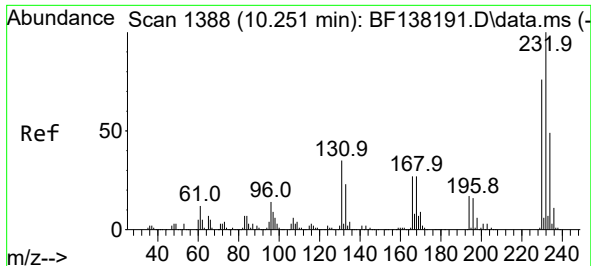
Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

167 13.6 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.426 ng

RT: 10.275 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

Tgt Ion:232 Resp: 263847

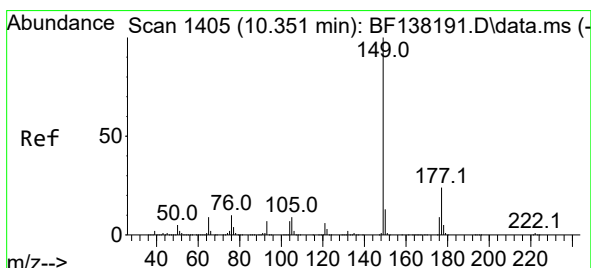
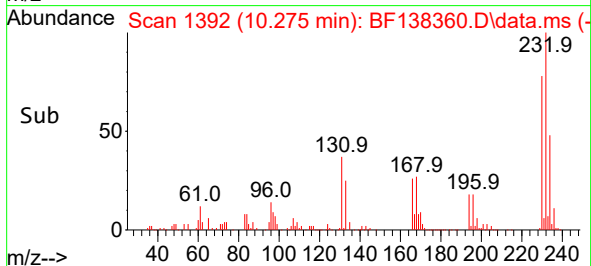
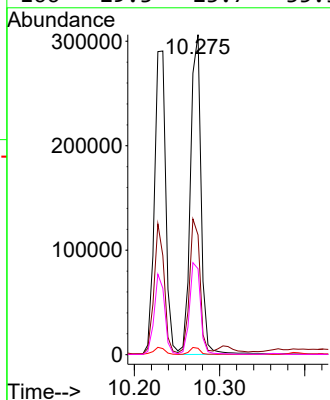
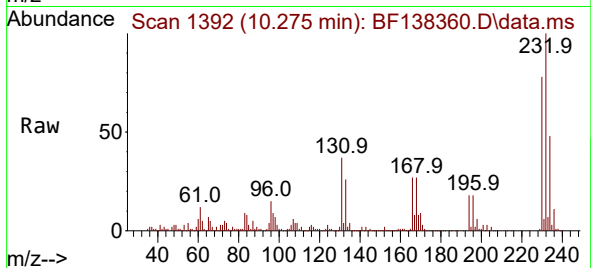
Ion Ratio Lower Upper

232 100

131 40.9 33.6 50.4

130 2.2 1.7 2.5

166 29.3 23.7 35.5



#60

Diethylphthalate

Concen: 37.499 ng

RT: 10.363 min Scan# 1407

Delta R.T. 0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

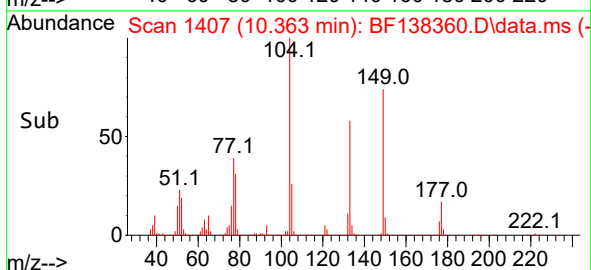
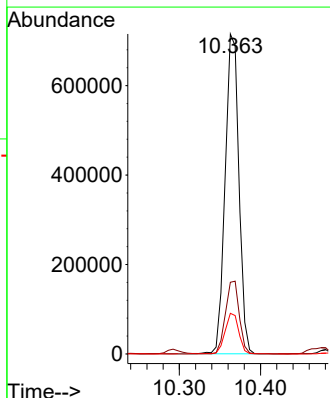
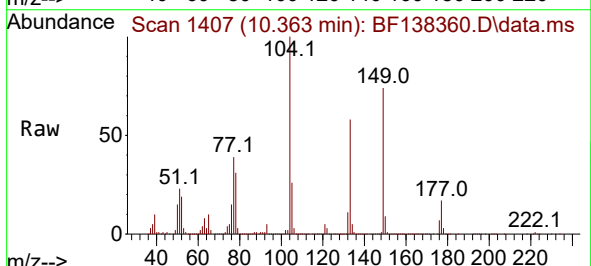
Tgt Ion:149 Resp: 843688

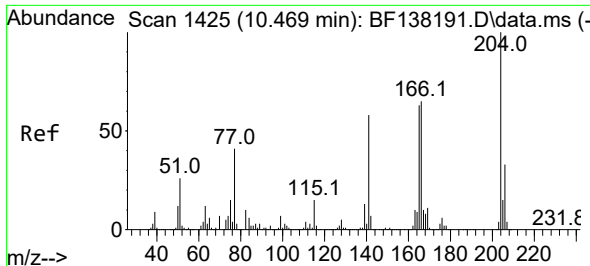
Ion Ratio Lower Upper

149 100

177 22.4 19.4 29.0

150 12.7 10.2 15.4

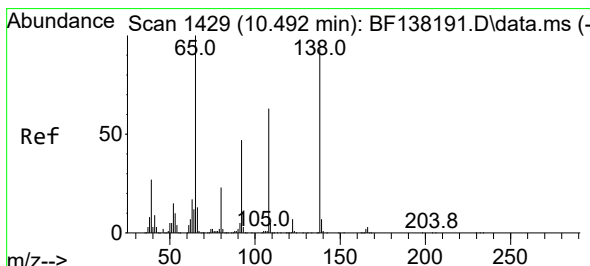
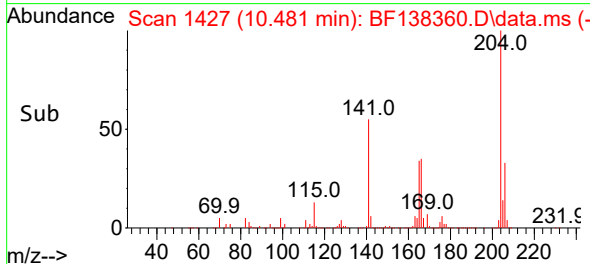
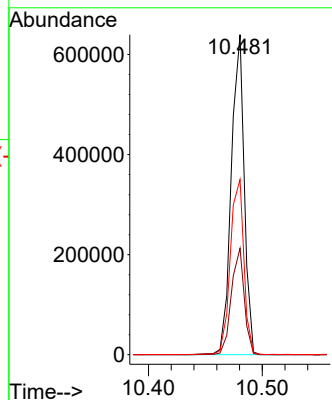
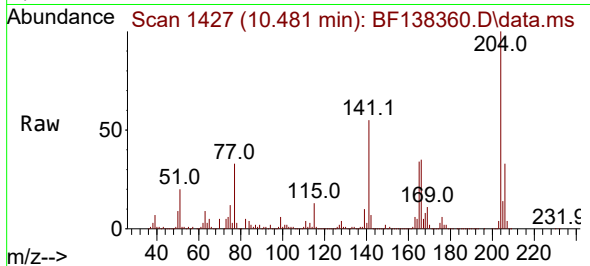




#61
4-Chlorophenyl-phenylether
Concen: 43.110 ng
RT: 10.481 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

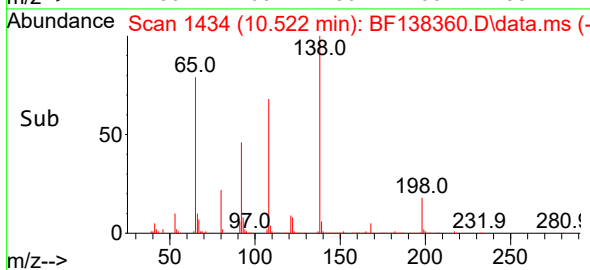
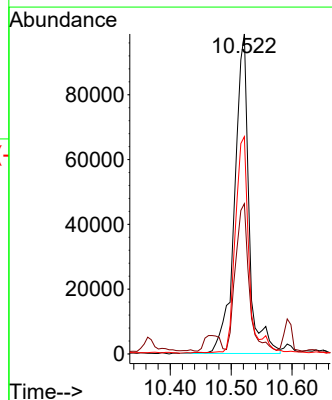
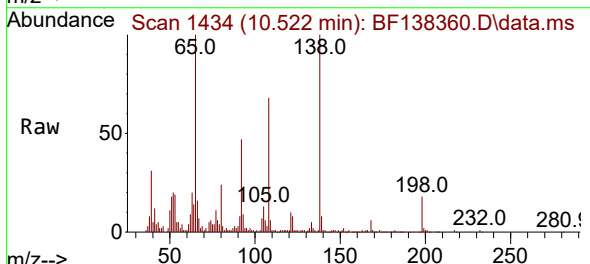
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

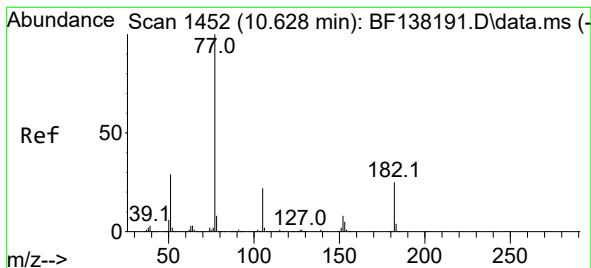
Tgt Ion:204 Resp: 506289
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 54.7 46.3 69.5



#62
4-Nitroaniline
Concen: 29.609 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.029 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:138 Resp: 162533
Ion Ratio Lower Upper
138 100
92 47.0 30.9 70.9
108 67.9 47.8 87.8





#63

Azobenzene

Concen: 39.696 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.005 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

Tgt Ion: 77 Resp: 894783

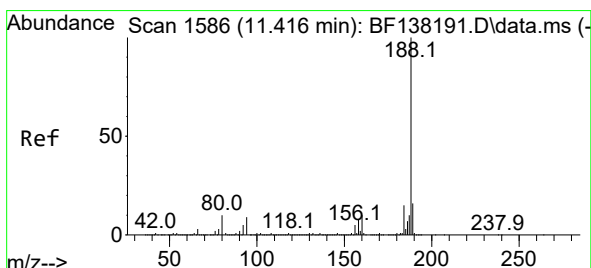
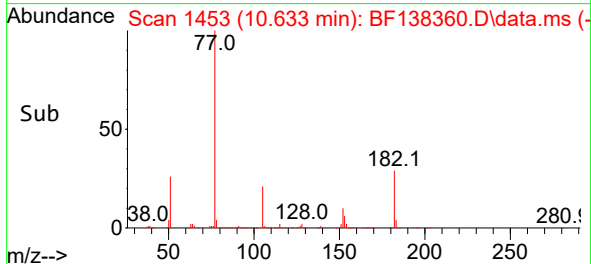
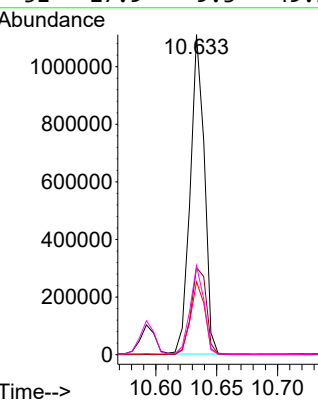
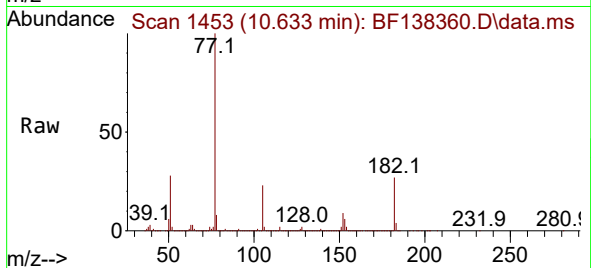
Ion Ratio Lower Upper

77 100

182 27.2 5.5 45.5

105 22.7 1.8 41.8

51 27.9 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

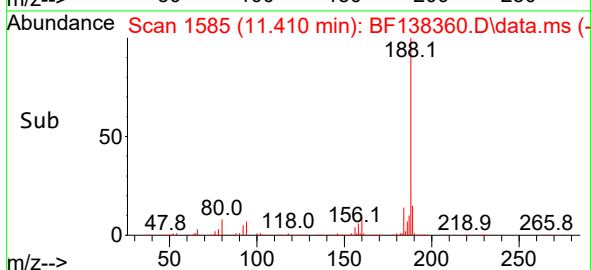
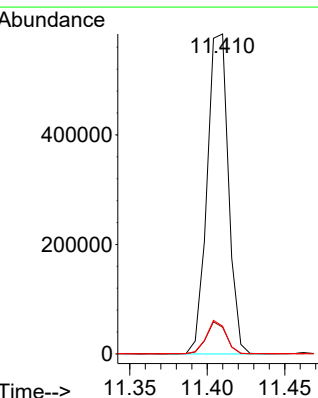
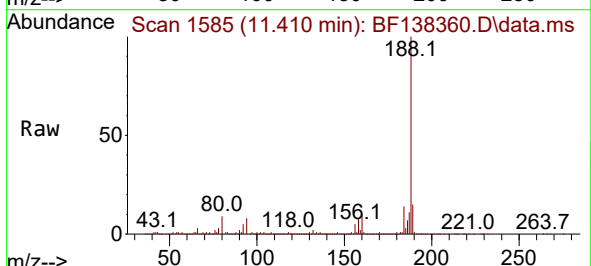
Tgt Ion: 188 Resp: 559468

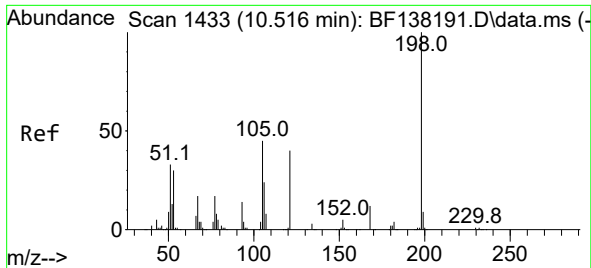
Ion Ratio Lower Upper

188 100

94 8.3 7.6 11.4

80 8.7 8.1 12.1

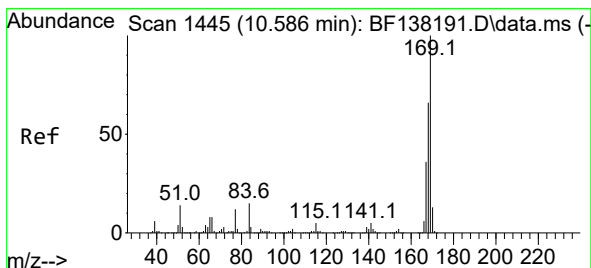
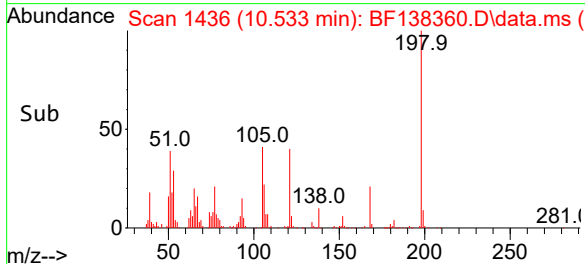
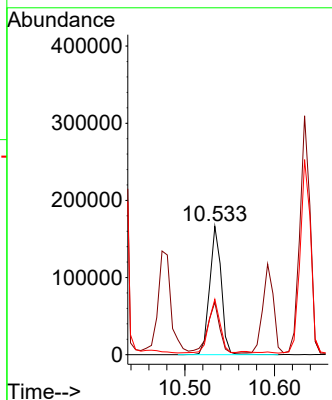
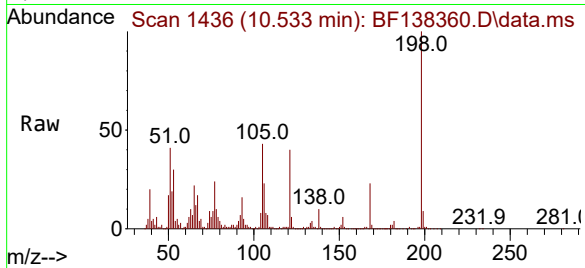




#65
4,6-Dinitro-2-methylphenol
Concen: 51.708 ng
RT: 10.533 min Scan# 1433
Delta R.T. 0.017 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

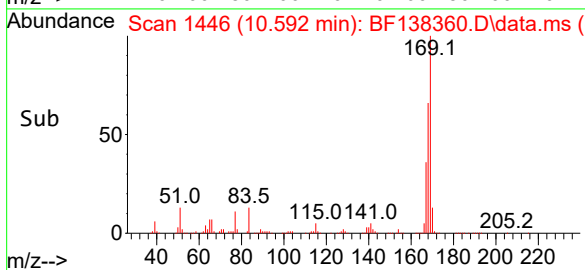
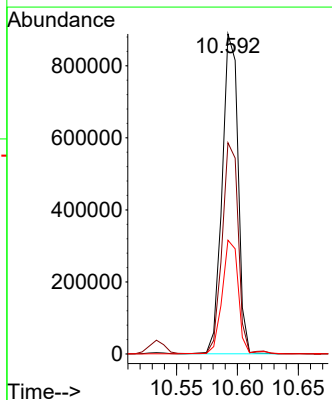
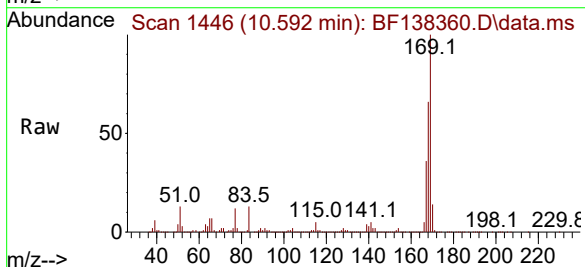
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

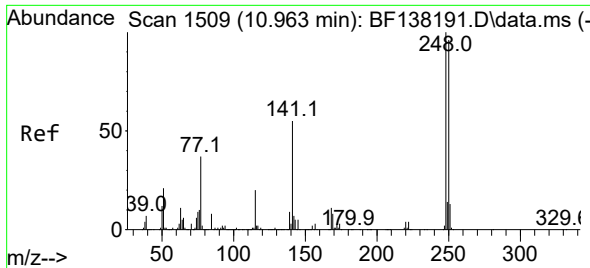
Tgt Ion:198 Resp: 149197
Ion Ratio Lower Upper
198 100
51 40.9 26.9 66.9
105 43.1 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 47.122 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:169 Resp: 807116
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 35.6 29.0 43.6

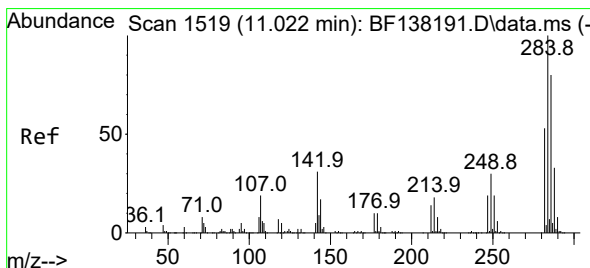
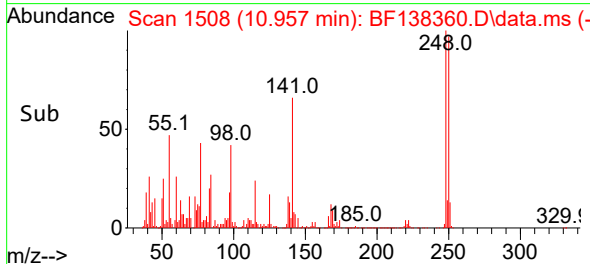
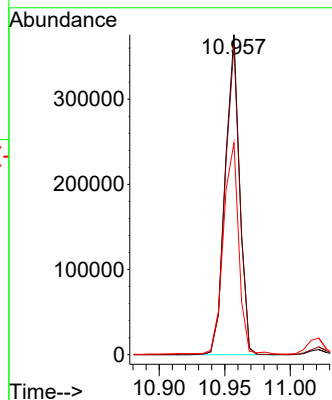
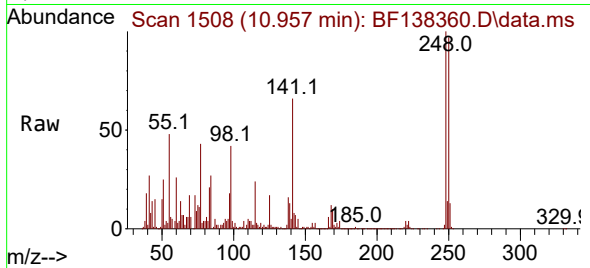




#67
4-Bromophenyl-phenylether
Concen: 45.442 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

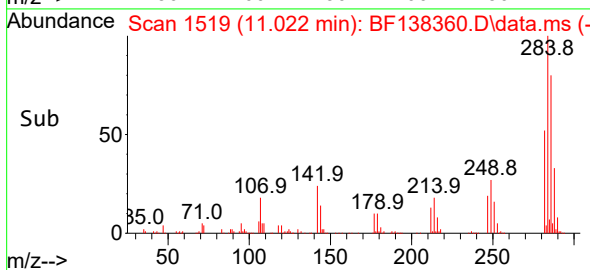
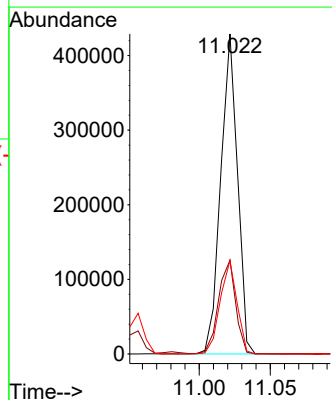
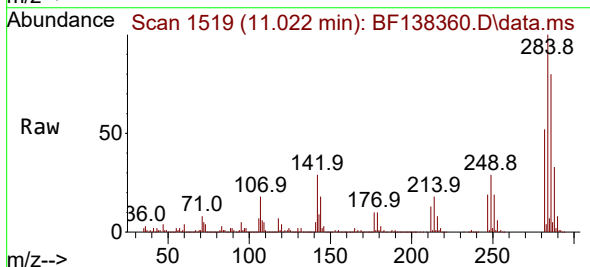
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

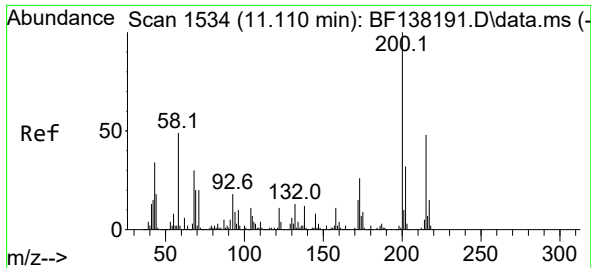
Tgt Ion:248 Resp: 286478
Ion Ratio Lower Upper
248 100
250 96.8 77.2 115.8
141 66.2 44.1 66.1#



#68
Hexachlorobenzene
Concen: 47.723 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:284 Resp: 351099
Ion Ratio Lower Upper
284 100
142 29.3 24.8 37.2
249 29.2 23.8 35.6

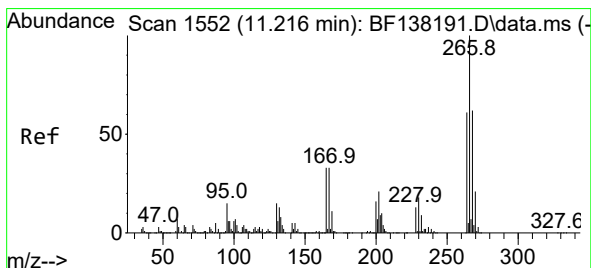
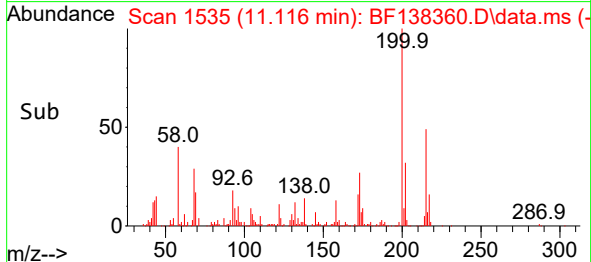
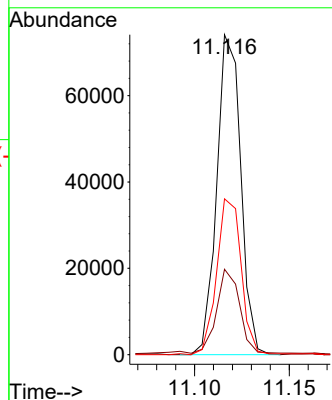
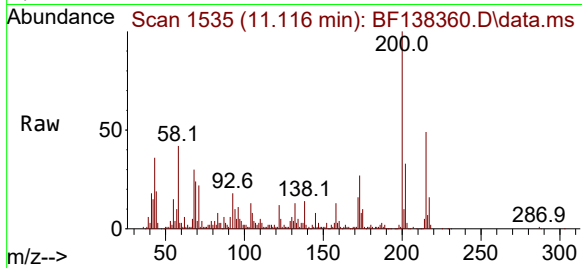




#69
Atrazine
Concen: 13.402 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.006 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

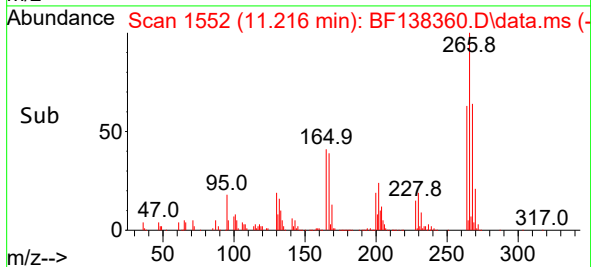
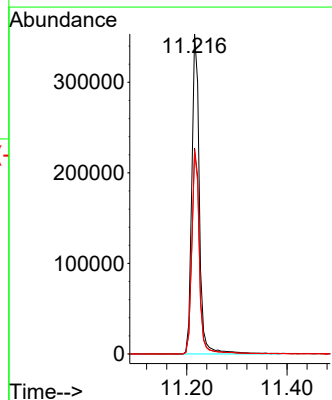
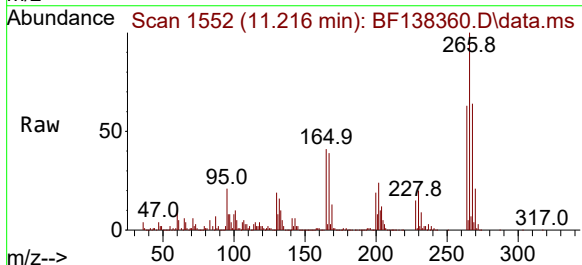
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

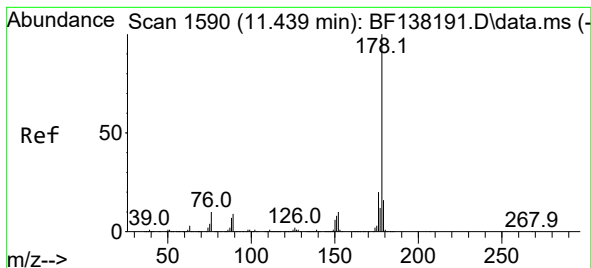
Tgt Ion:200 Resp: 65385
Ion Ratio Lower Upper
200 100
173 26.7 6.3 46.3
215 48.7 28.0 68.0



#70
Pentachlorophenol
Concen: 86.465 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:266 Resp: 370996
Ion Ratio Lower Upper
266 100
268 64.2 49.5 74.3
264 63.3 49.2 73.8





#71

Phenanthrene

Concen: 45.040 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

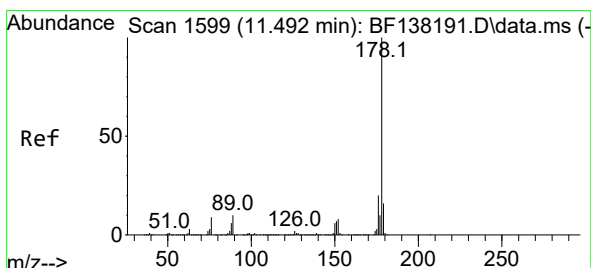
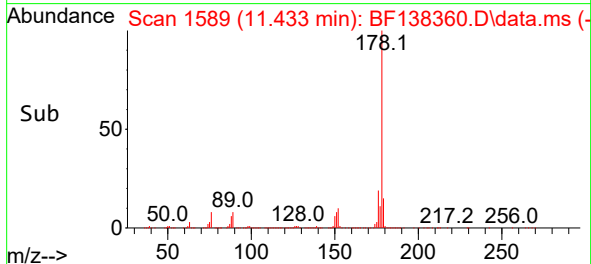
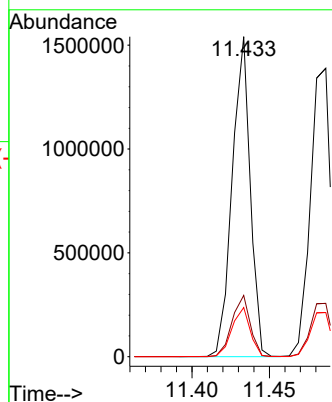
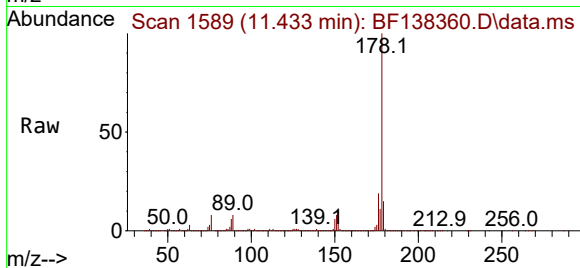
Tgt Ion:178 Resp: 1246146

Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

179 15.4 13.1 19.7



#72

Anthracene

Concen: 45.895 ng

RT: 11.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

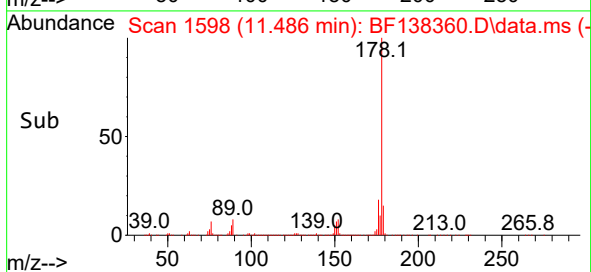
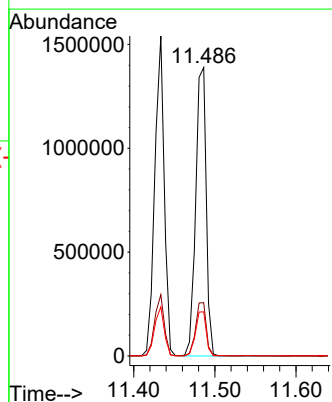
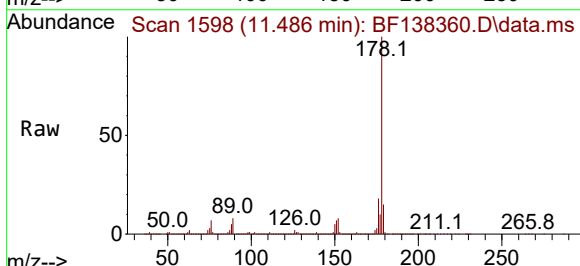
Tgt Ion:178 Resp: 1260735

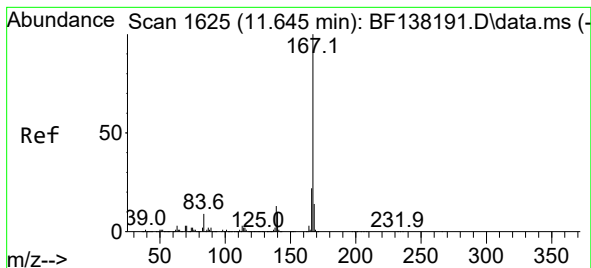
Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

179 15.3 13.0 19.6





#73

Carbazole

Concen: 41.076 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

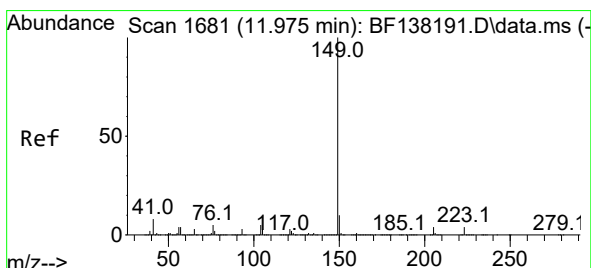
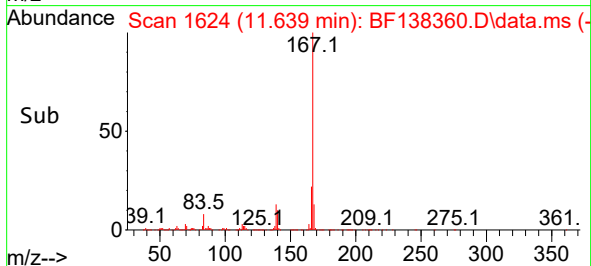
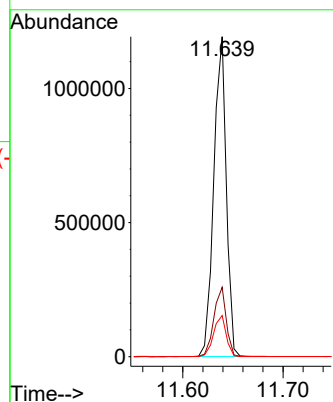
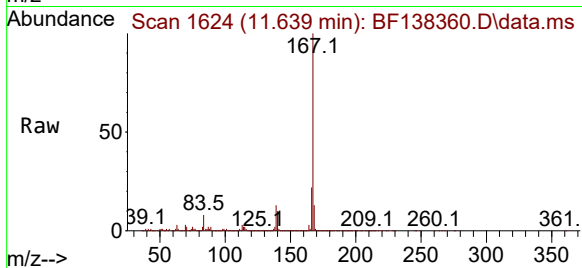
Tgt Ion:167 Resp: 1034920

Ion Ratio Lower Upper

167 100

166 21.7 18.0 27.0

139 12.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.685 ng

RT: 11.963 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

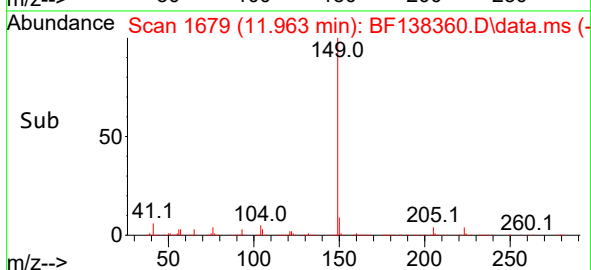
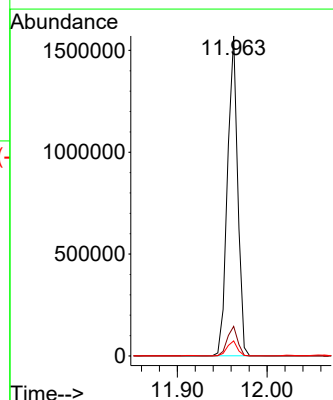
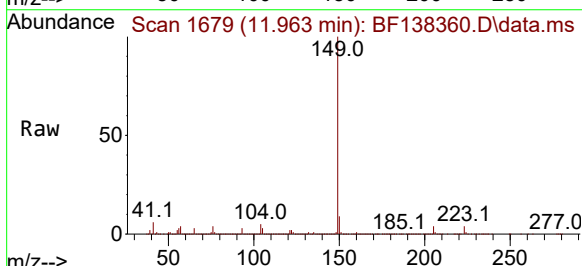
Tgt Ion:149 Resp: 1243788

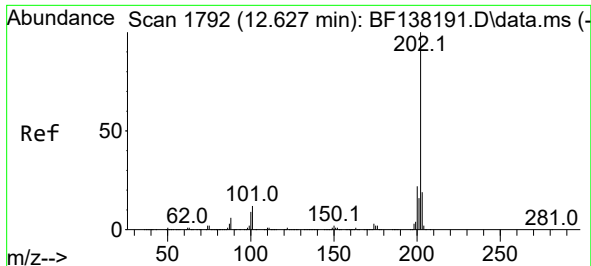
Ion Ratio Lower Upper

149 100

150 9.3 8.2 12.2

104 4.7 4.1 6.1

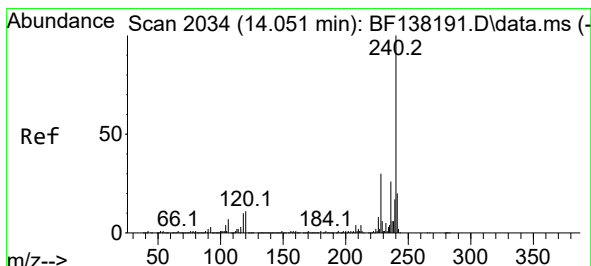
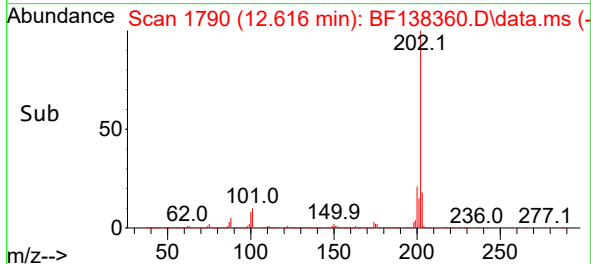
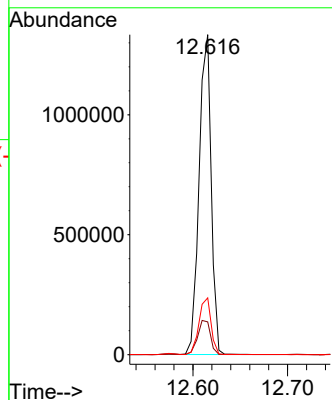
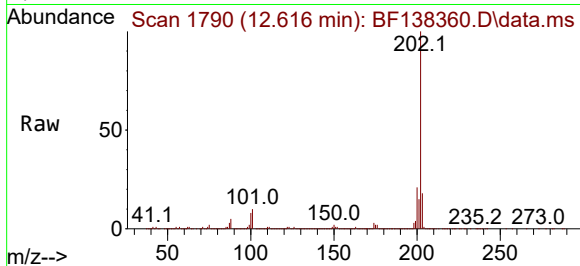




#75
Fluoranthene
Concen: 41.964 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

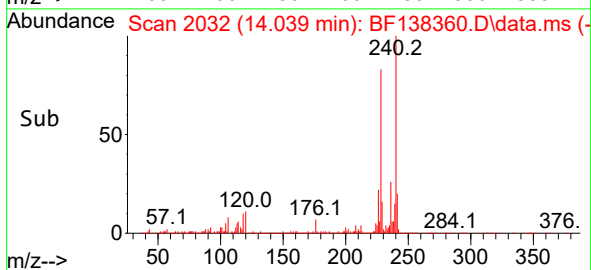
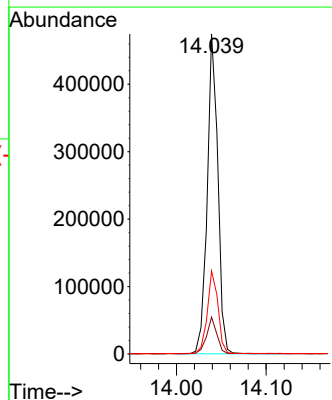
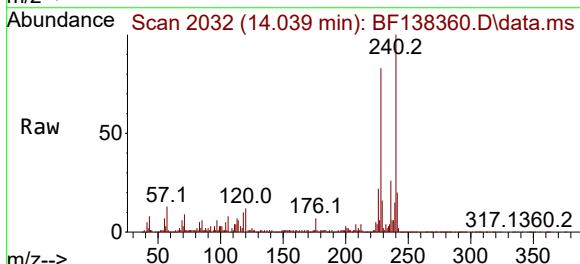
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

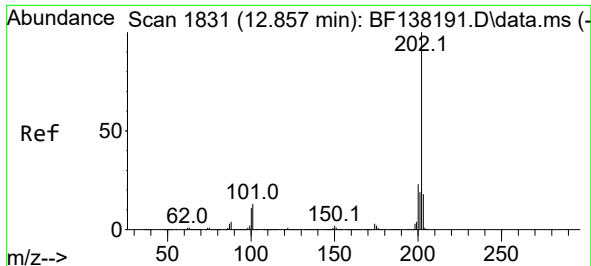
Tgt Ion:202 Resp: 1183944
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.8
203 17.7 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:240 Resp: 389919
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 26.0 21.0 31.6

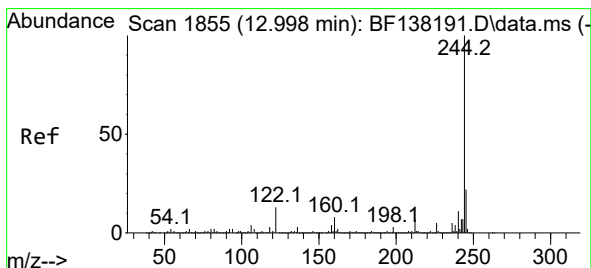
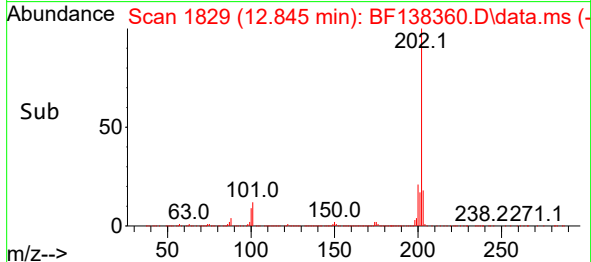
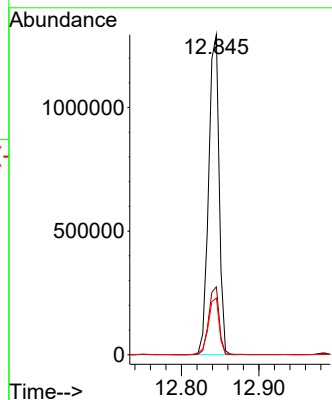
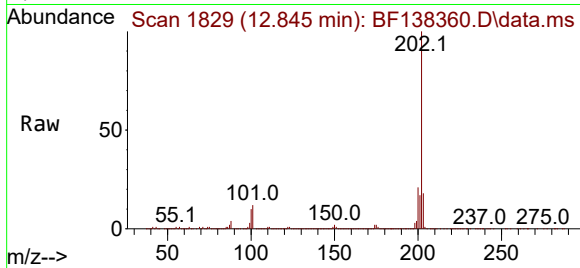




#78
Pyrene
Concen: 36.122 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

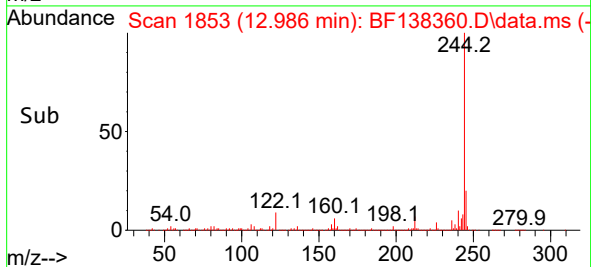
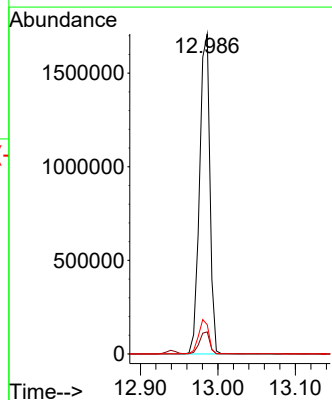
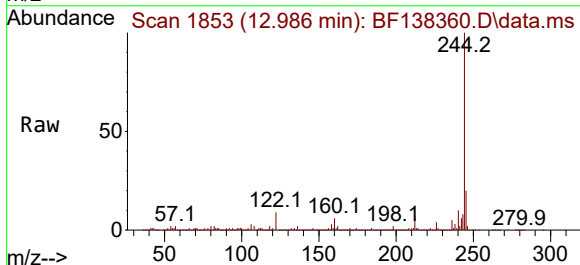
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

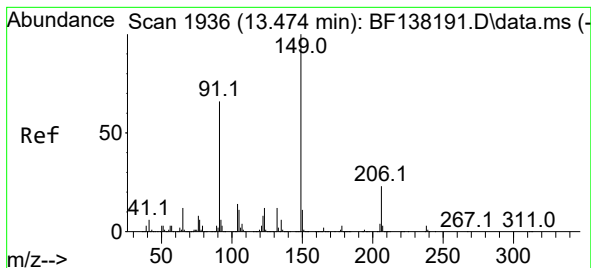
Tgt Ion:202 Resp: 1214890
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 17.7 14.7 22.1



#79
Terphenyl-d14
Concen: 64.076 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:244 Resp: 1577474
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.1 10.6 15.8#





#80

Butylbenzylphthalate

Concen: 55.783 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

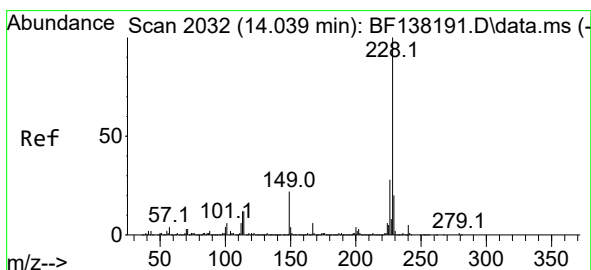
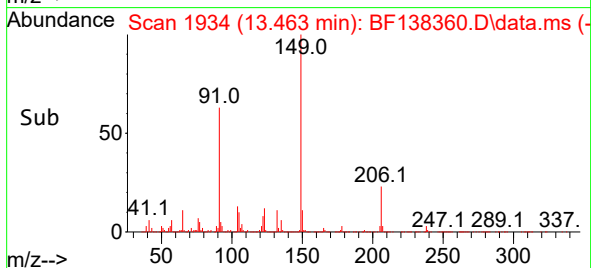
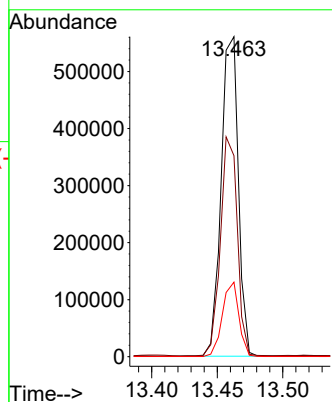
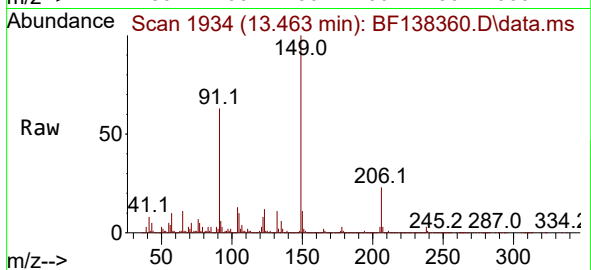
Tgt Ion:149 Resp: 510323

Ion Ratio Lower Upper

149 100

91 62.8 53.2 79.8

206 23.3 18.6 27.8



#81

Benzo(a)anthracene

Concen: 46.537 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

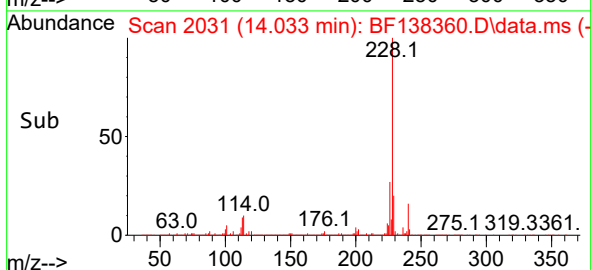
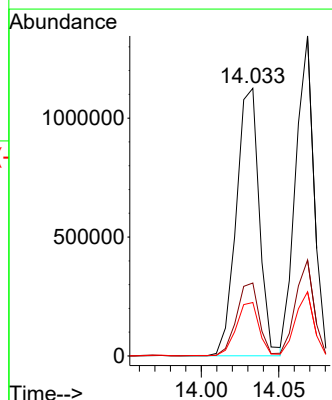
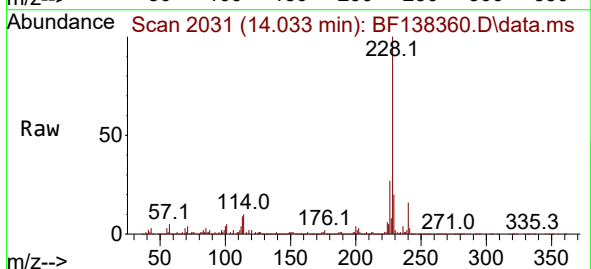
Tgt Ion:228 Resp: 1164140

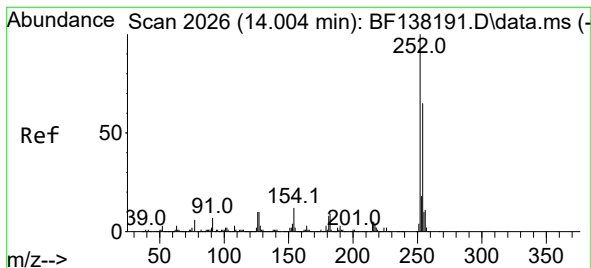
Ion Ratio Lower Upper

228 100

226 27.2 22.5 33.7

229 20.0 16.3 24.5





#82

3,3'-Dichlorobenzidine

Concen: 4.568 ng

RT: 13.992 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

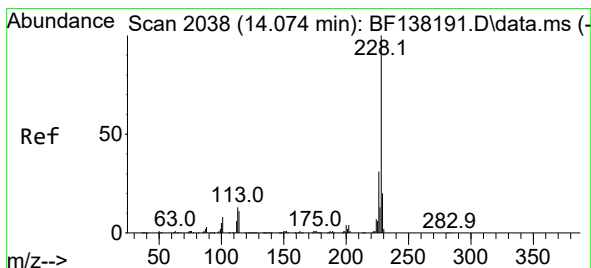
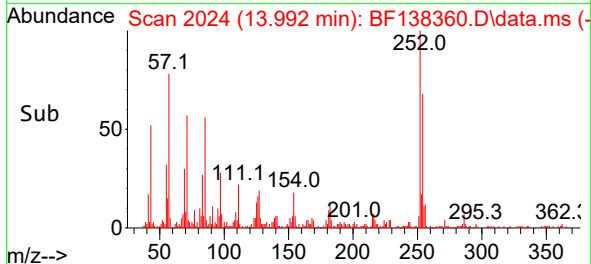
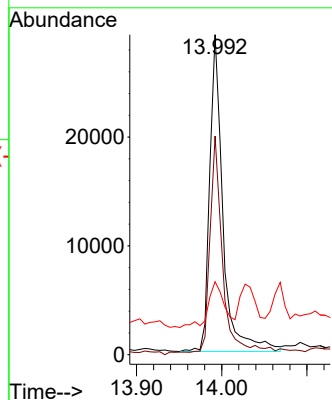
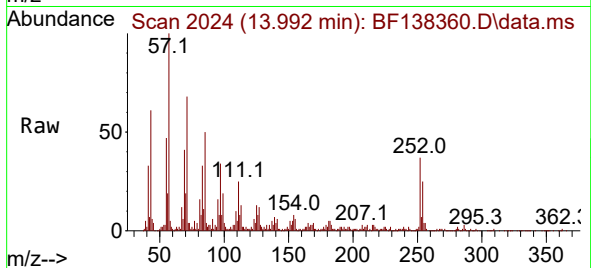
Tgt Ion:252 Resp: 31470

Ion Ratio Lower Upper

252 100

254 68.3 51.8 77.6

126 22.8 8.3 12.5#



#83

Chrysene

Concen: 46.488 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

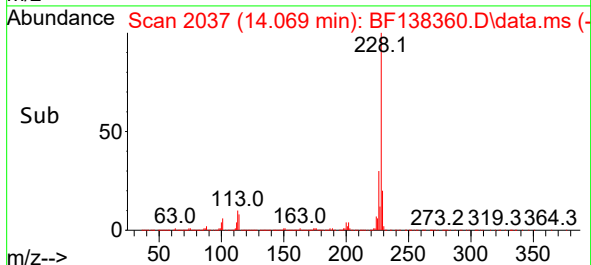
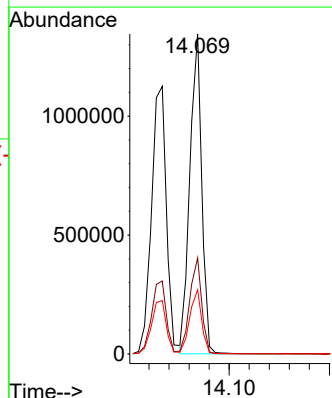
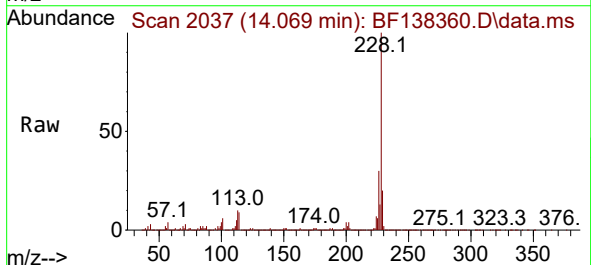
Tgt Ion:228 Resp: 1108451

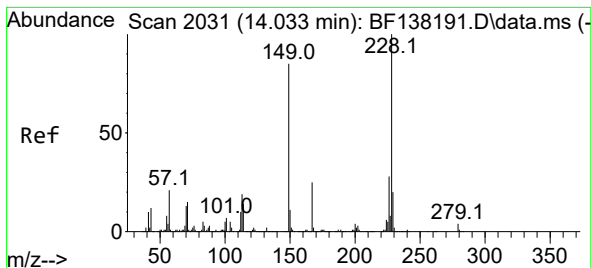
Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 20.0 16.3 24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 68.616 ng

RT: 14.016 min Scan# 2031

Delta R.T. -0.017 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

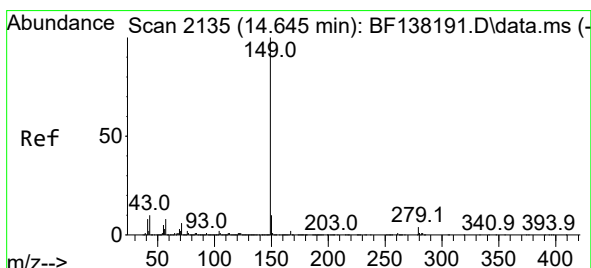
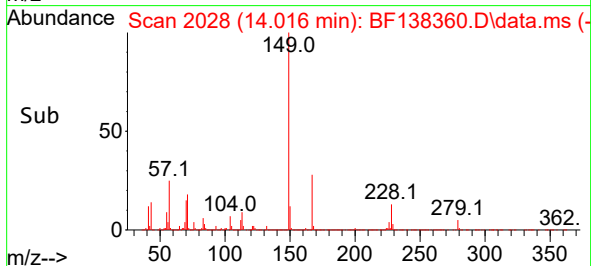
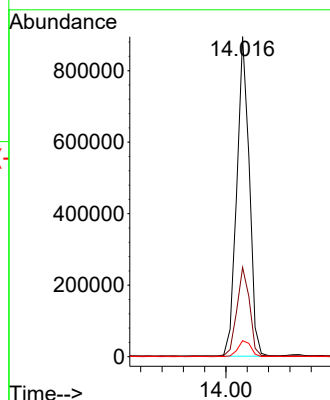
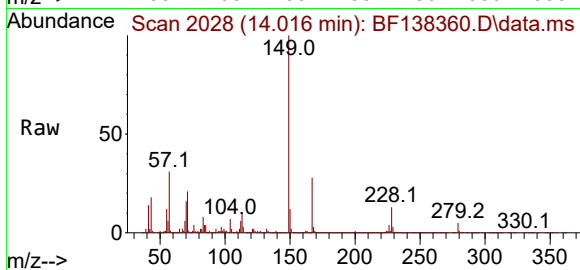
Tgt Ion:149 Resp: 730082

Ion Ratio Lower Upper

149 100

167 27.9 23.5 35.3

279 5.0 4.2 6.2



#85

Di-n-octyl phthalate

Concen: 84.499 ng

RT: 14.633 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

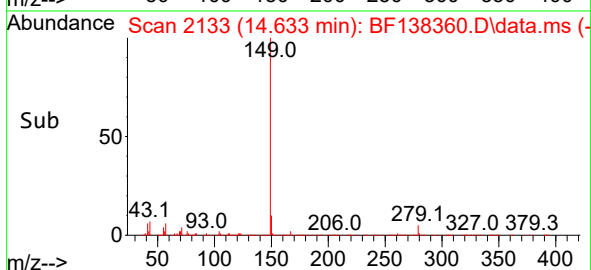
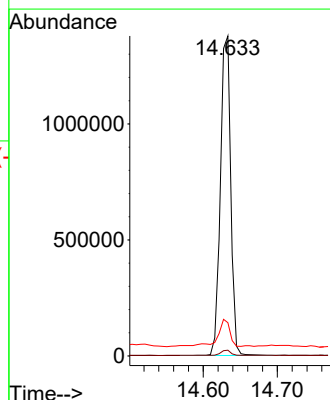
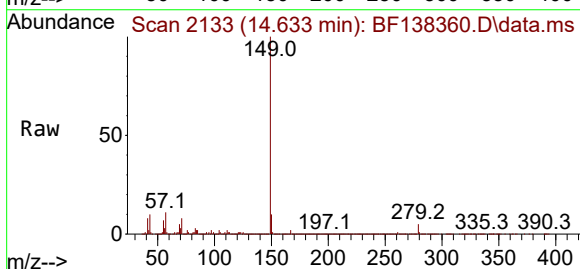
Tgt Ion:149 Resp: 1335680

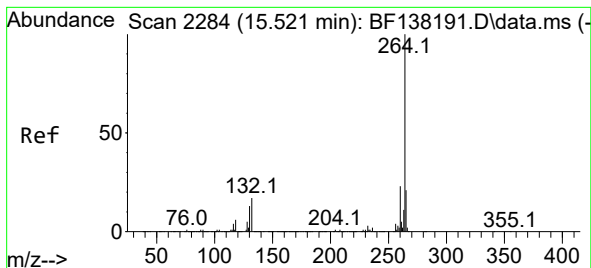
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.5 7.8 11.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

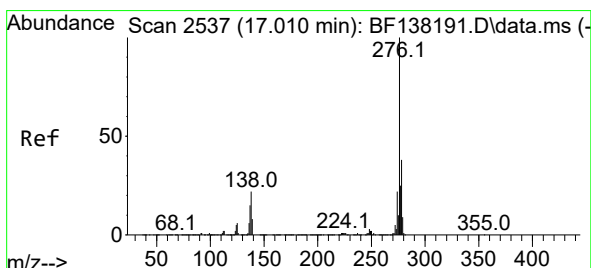
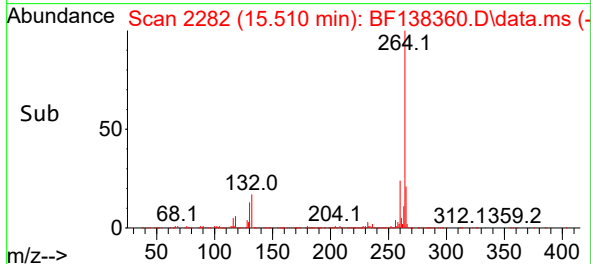
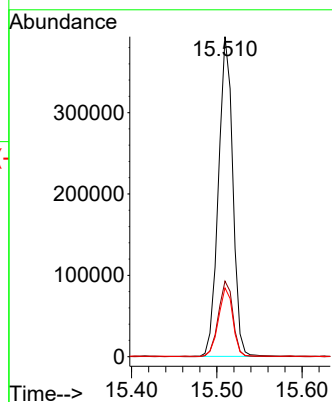
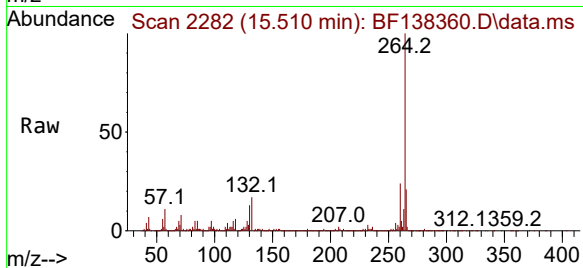
Tgt Ion:264 Resp: 459629

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.5 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 41.928 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.018 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

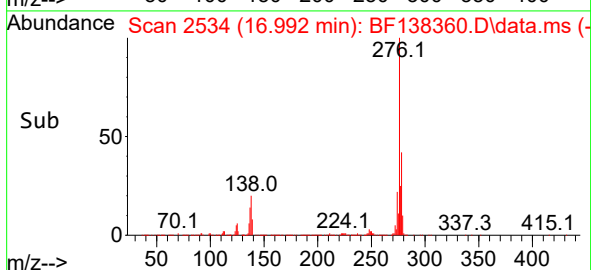
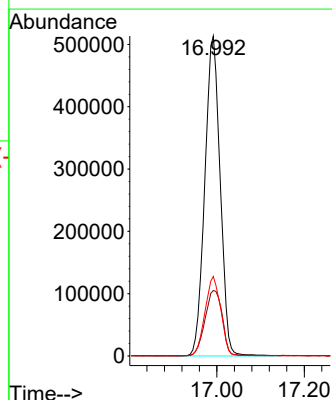
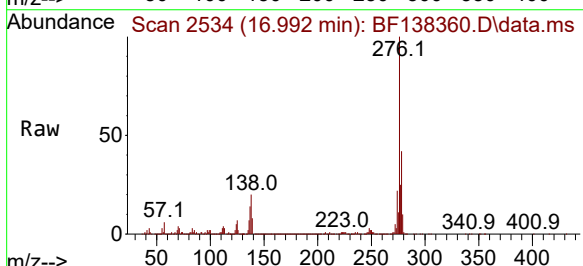
Tgt Ion:276 Resp: 1256304

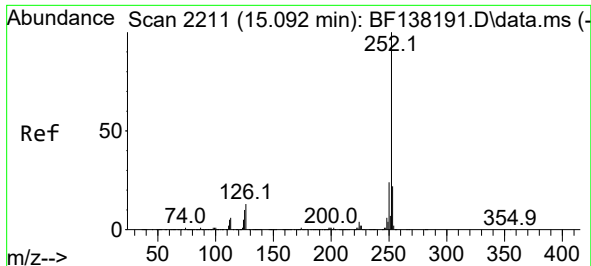
Ion Ratio Lower Upper

276 100

138 22.9 19.3 28.9

277 25.5 20.2 30.2

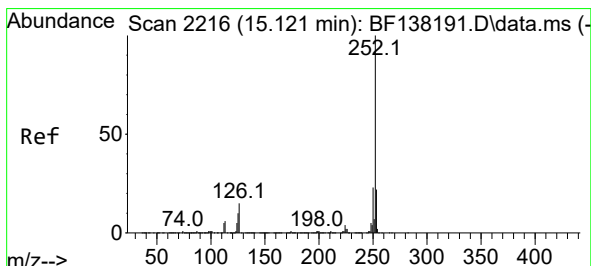
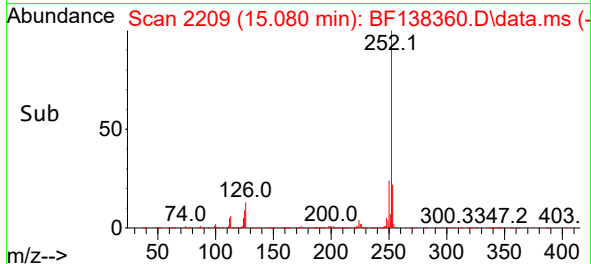
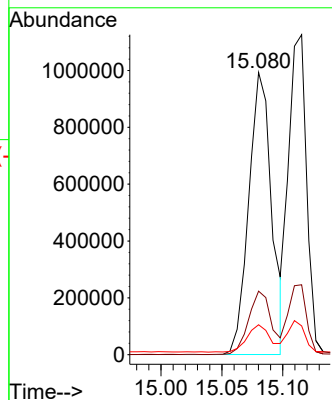
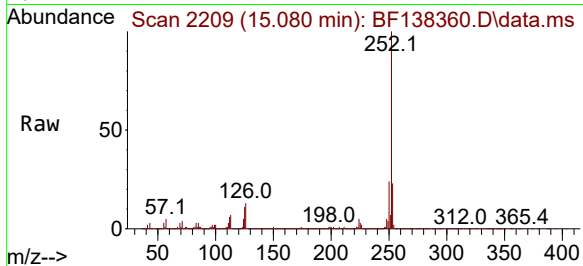




#88
Benzo(b)fluoranthene
Concen: 47.926 ng
RT: 15.080 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

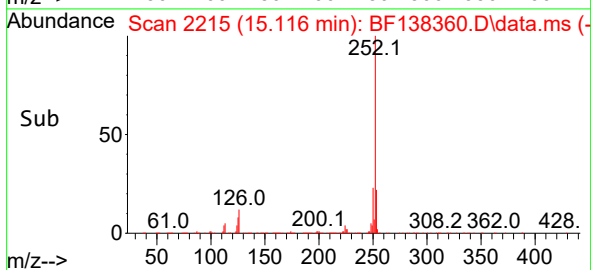
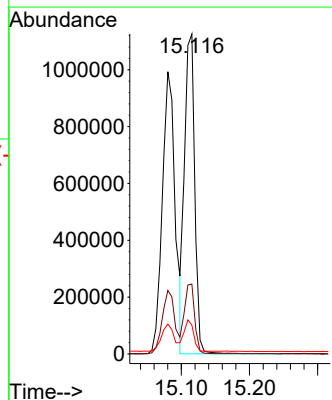
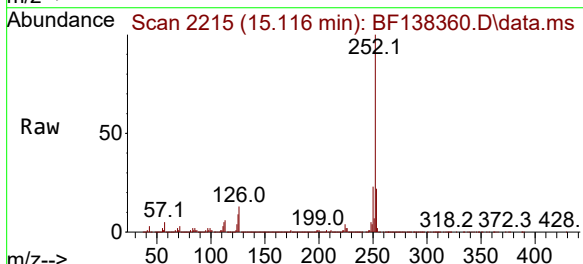
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

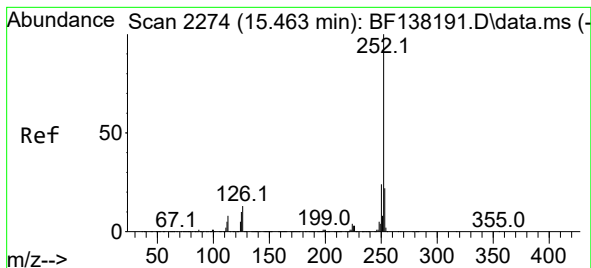
Tgt Ion:252 Resp: 1299041
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.6 7.8 11.8



#89
Benzo(k)fluoranthene
Concen: 43.999 ng
RT: 15.116 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF138360.D
Acq: 26 Jun 2024 19:31

Tgt Ion:252 Resp: 1168779
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.0 8.0 12.0





#90

Benzo(a)pyrene

Concen: 48.025 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUMMS

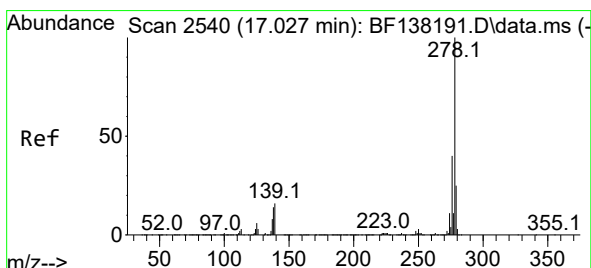
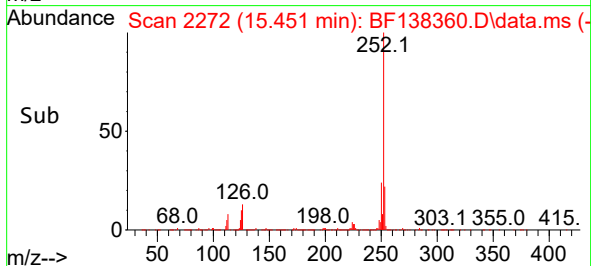
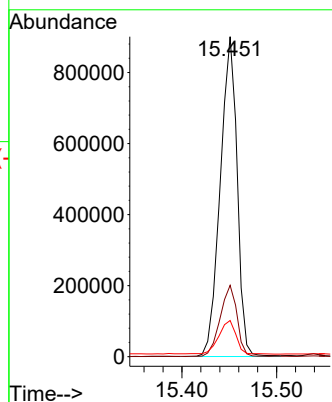
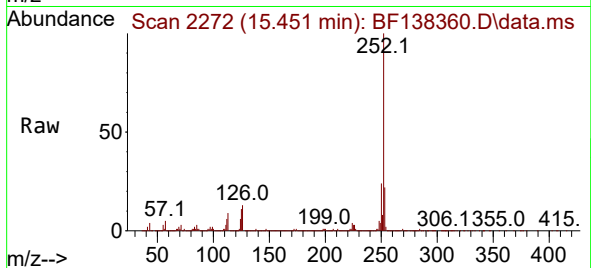
Tgt Ion:252 Resp: 1118286

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.3 8.2 12.2



#91

Dibenzo(a,h)anthracene

Concen: 41.777 ng

RT: 17.009 min Scan# 2537

Delta R.T. -0.018 min

Lab File: BF138360.D

Acq: 26 Jun 2024 19:31

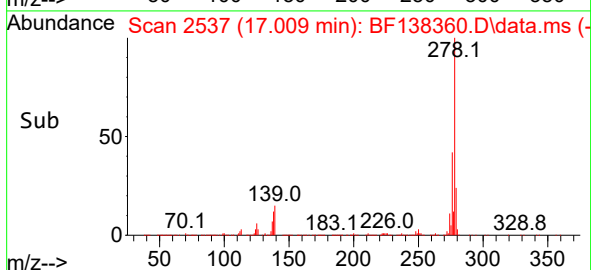
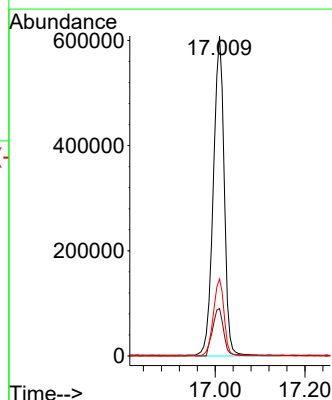
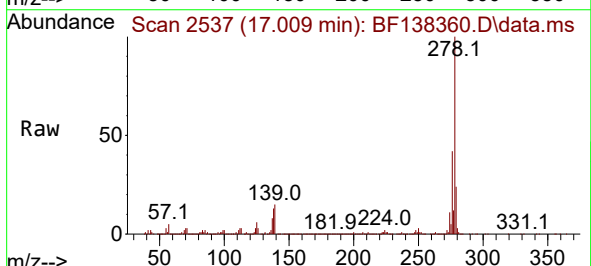
Tgt Ion:278 Resp: 1027481

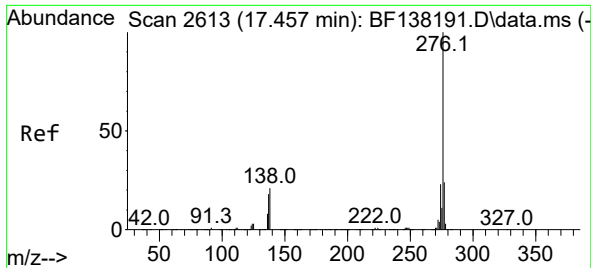
Ion Ratio Lower Upper

278 100

139 14.8 12.9 19.3

279 24.0 19.9 29.9





#92
 Benzo(g,h,i)perylene
 Concen: 36.041 ng
 RT: 17.439 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF138360.D
 Acq: 26 Jun 2024 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SHOR-RAG-DRUMMS

Tgt Ion:276 Resp: 916994
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.5 29.3
 138 19.7 16.6 24.8

