

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138129.D
 Acq On : 06 Jun 2024 13:04
 Operator : CG\JU
 Sample : PB161334BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161334BL

Quant Time: Jun 06 13:23:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

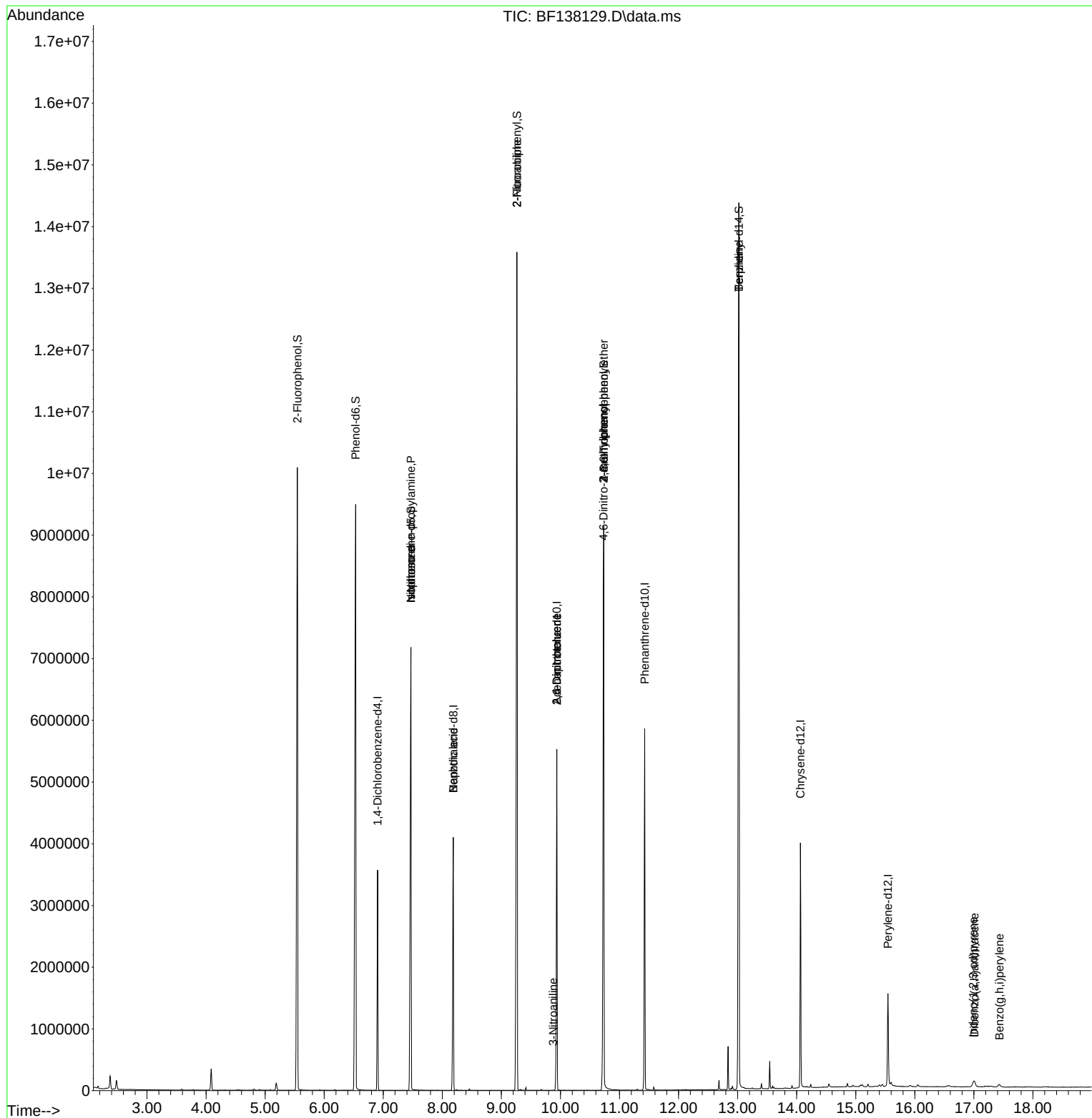
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	484655	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1909676	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	1106881	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	2026838	20.000	ng	0.00
76) Chrysene-d12	14.062	240	1282803	20.000	ng	0.00
86) Perylene-d12	15.545	264	738909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	3622985	127.398	ng	0.02
7) Phenol-d6	6.534	99	4421406	122.882	ng	0.00
23) Nitrobenzene-d5	7.469	82	2740008	97.620	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1460843	137.139	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	5268542	83.227	ng	0.00
79) Terphenyl-d14	13.021	244	6310125	73.575	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.534	77	7113	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.469	70	375276	16.357	ng	# 77
25) Isophorone	7.469	82	2736500	44.255	ng	# 63
32) Benzoic acid	8.186	122	483	7.966	ng	# 1
48) 2-Nitroaniline	9.263	65	8586	5.299	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	146528	12.422	ng	# 25
53) 3-Nitroaniline	9.880	138	60	2.948	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	146528	11.296	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.727	198	3117	8.814	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	93132	4.036	ng	# 1
77) Benzidine	13.021	184	86129	6.525	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.992	276	73943	5.187	ng	97
91) Dibenzo(a,h)anthracene	17.009	278	78929	5.921	ng	97
92) Benzo(g,h,i)perylene	17.433	276	44629	4.237	ng	98

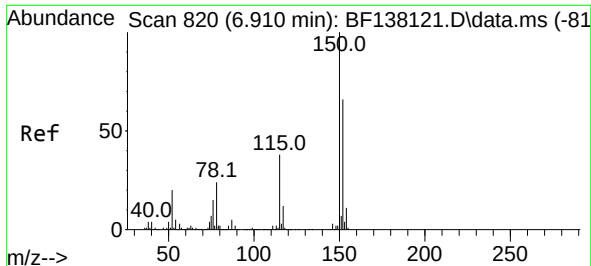
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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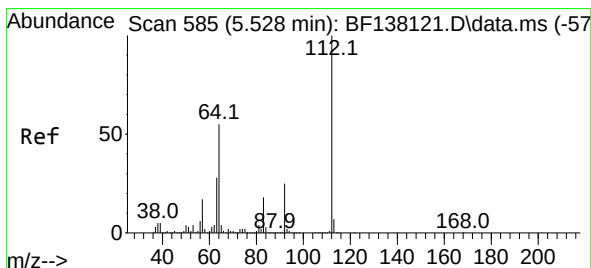
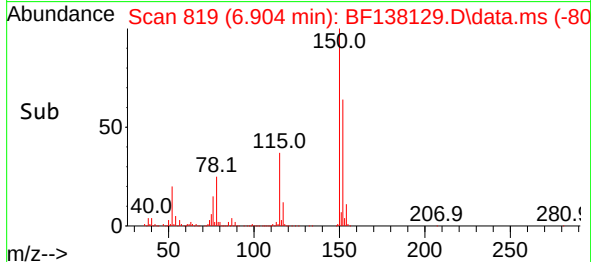
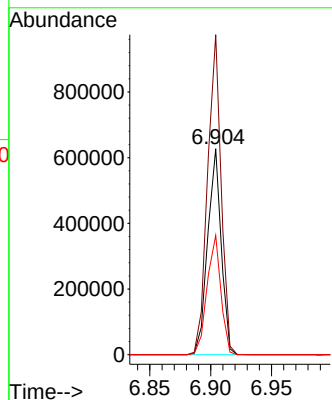
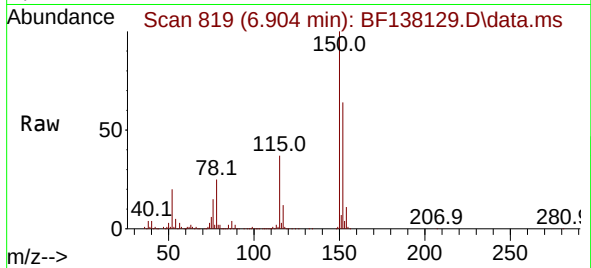




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138129.D
 Acq: 06 Jun 2024 13:04

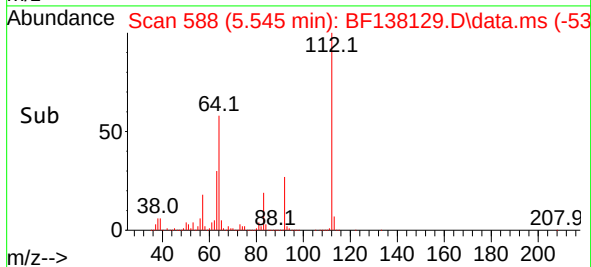
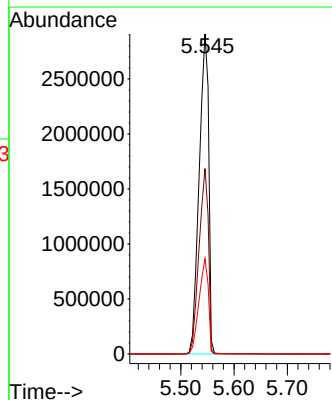
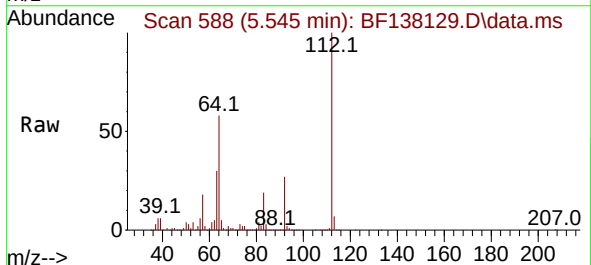
Instrument :
 BNA_F
 ClientSampleId :
 PB161334BL

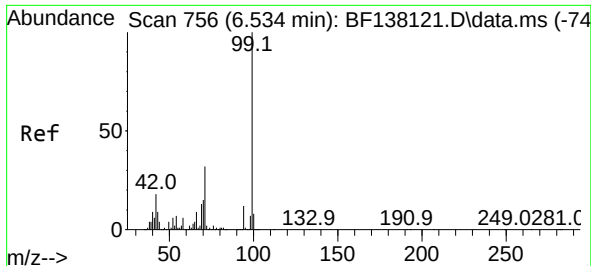
Tgt Ion:152 Resp: 484655
 Ion Ratio Lower Upper
 152 100
 150 155.4 121.8 182.6
 115 57.9 46.2 69.2



#5
 2-Fluorophenol
 Concen: 127.398 ng
 RT: 5.545 min Scan# 588
 Delta R.T. 0.018 min
 Lab File: BF138129.D
 Acq: 06 Jun 2024 13:04

Tgt Ion:112 Resp: 3622985
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.0 66.0
 63 29.8 22.1 33.1



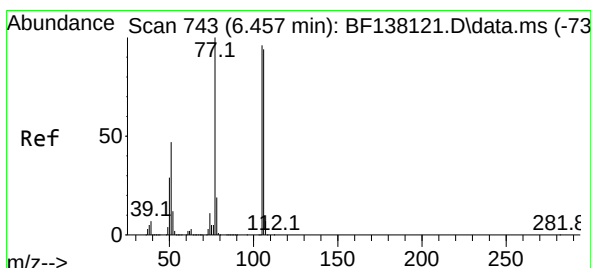
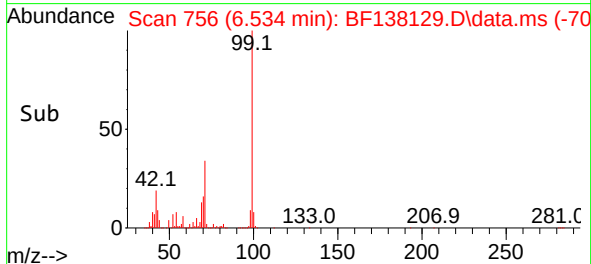
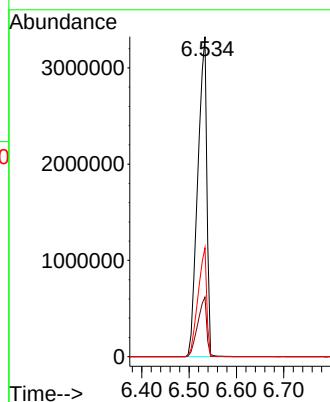
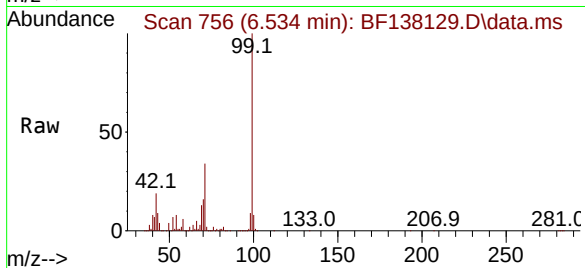


#7
Phenol-d6
Concen: 122.882 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Instrument :
BNA_F
ClientSampleId :
PB161334BL

Tgt Ion: 99 Resp: 4421406

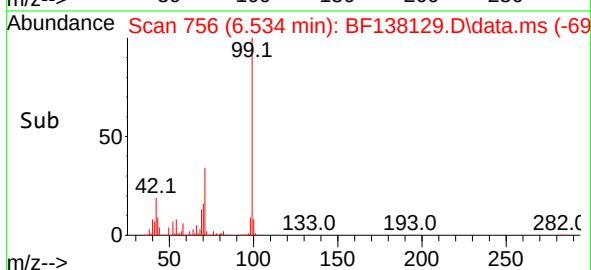
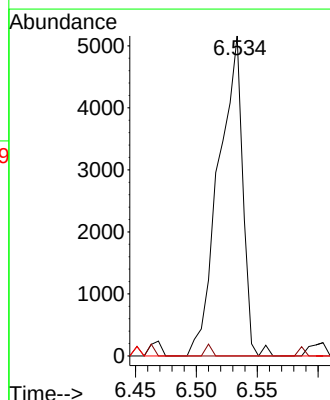
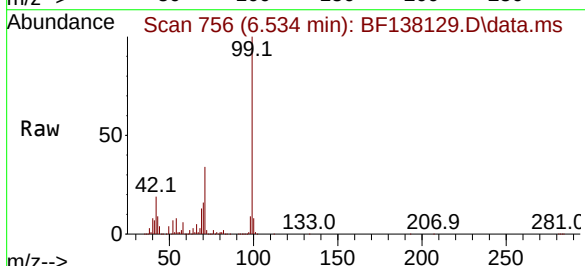
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.4	21.6
71	34.0	25.5	38.3

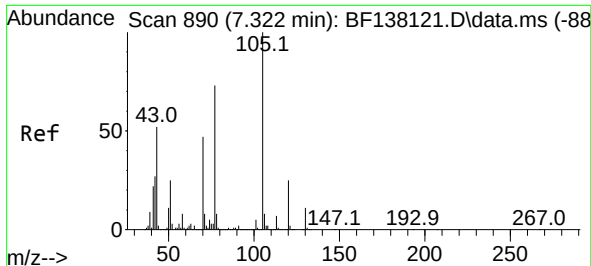


#9
Benzaldehyde
Concen: Below Cal
RT: 6.534 min Scan# 756
Delta R.T. 0.077 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion: 77 Resp: 7113

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.8	115.8#
106	0.0	73.9	113.9#

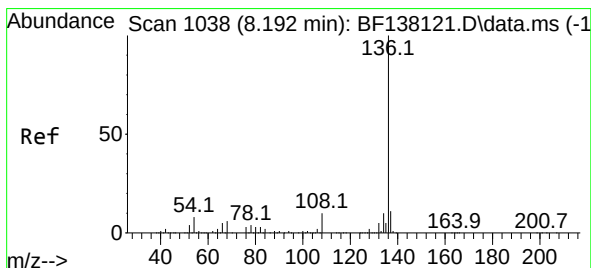
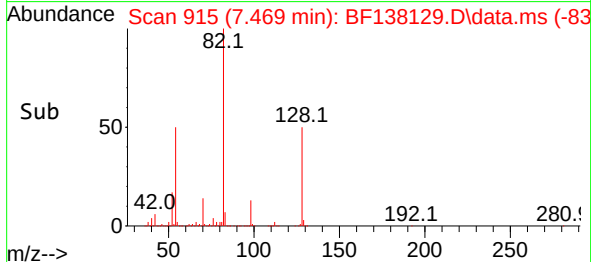
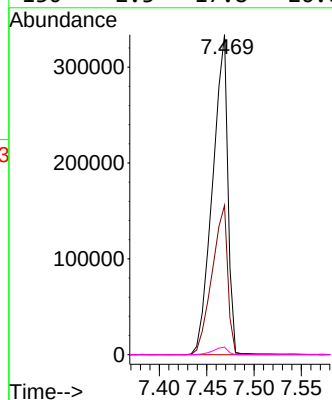
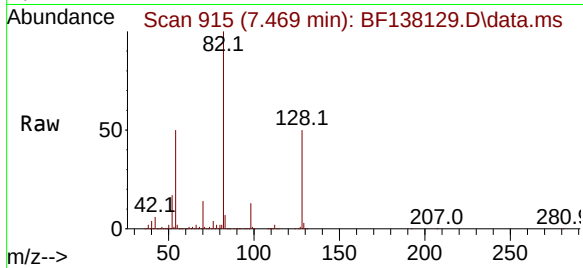




#19
n-Nitroso-di-n-propylamine
Concen: 16.357 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

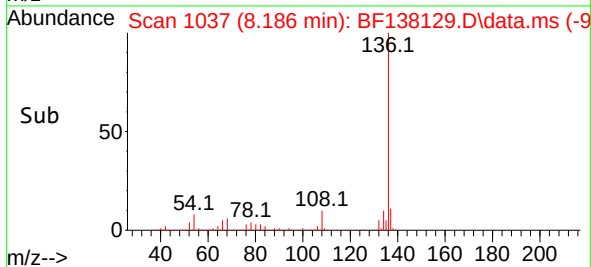
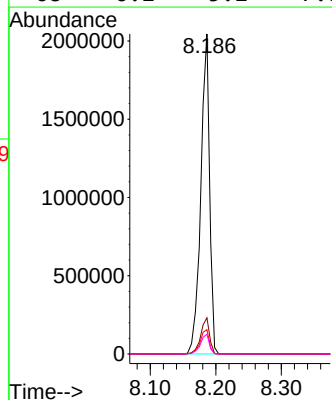
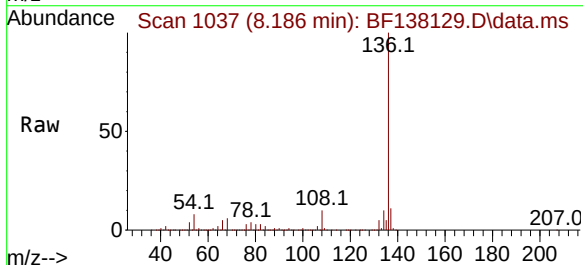
Instrument :
BNA_F
ClientSampleId :
PB161334BL

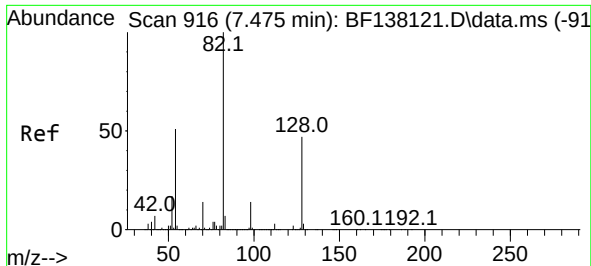
Tgt Ion: 70 Resp: 375276
Ion Ratio Lower Upper
70 100
42 46.6 46.3 69.5
101 0.0 7.7 11.5#
130 2.3 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:136 Resp: 1909676
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.6 6.2 9.2
68 6.2 5.2 7.8

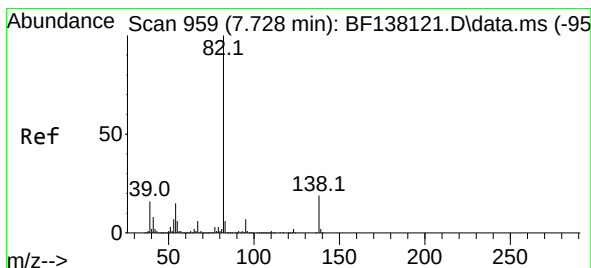
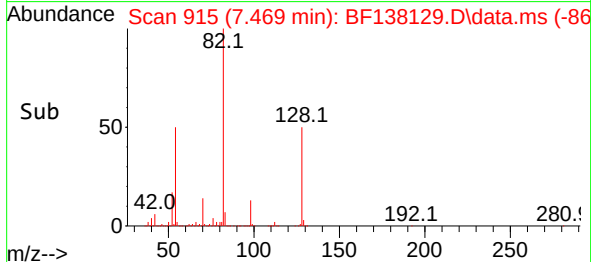
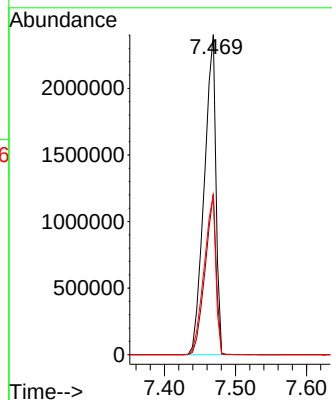
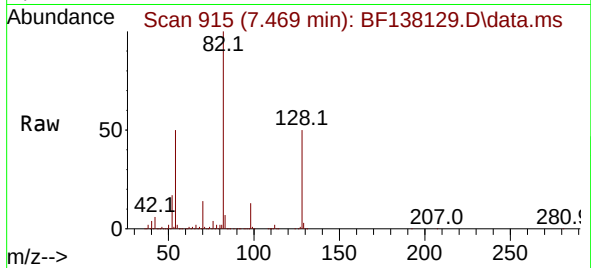




#23
Nitrobenzene-d5
Concen: 97.620 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

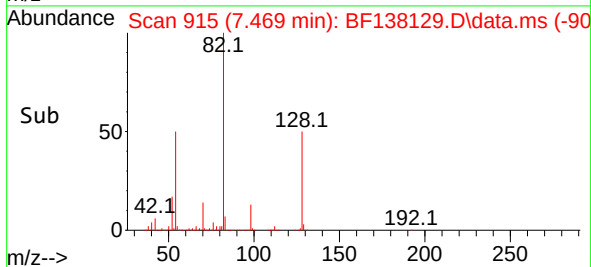
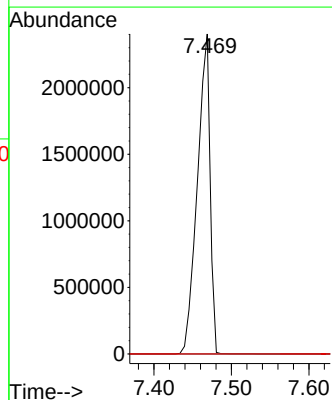
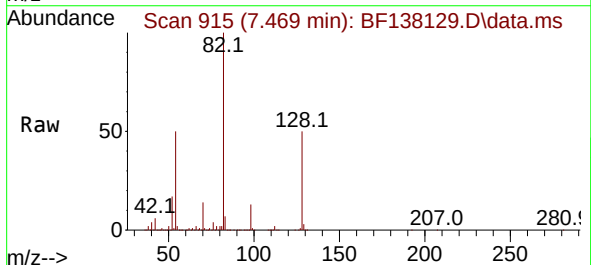
Instrument :
BNA_F
ClientSampleId :
PB161334BL

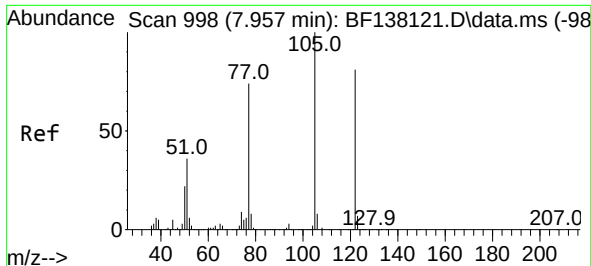
Tgt Ion: 82 Resp: 2740008
Ion Ratio Lower Upper
82 100
128 50.2 37.7 56.5
54 49.8 40.8 61.2



#25
Isophorone
Concen: 44.255 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion: 82 Resp: 2736500
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

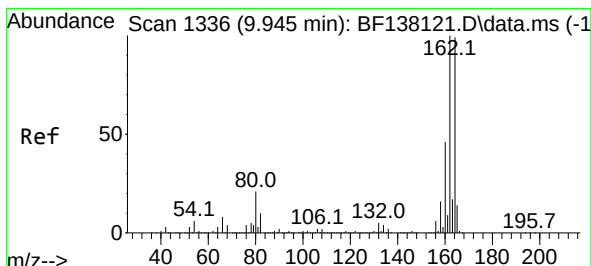
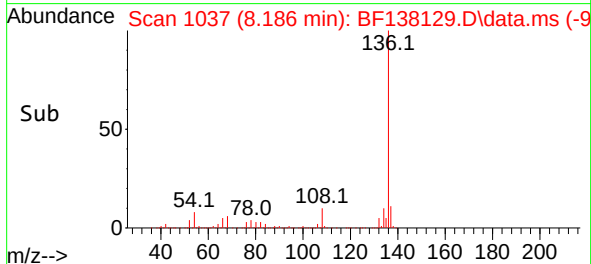
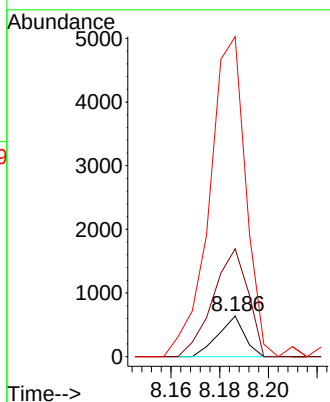
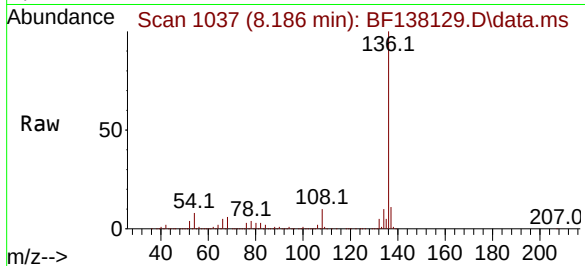




#32
Benzoic acid
Concen: 7.966 ng
RT: 8.186 min Scan# 10
Delta R.T. 0.229 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

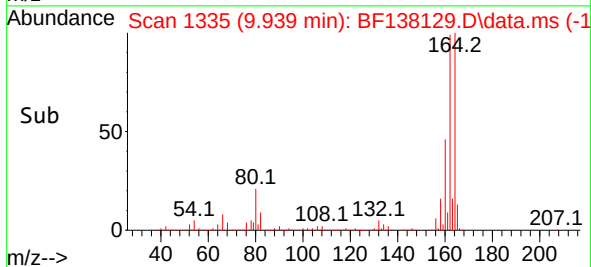
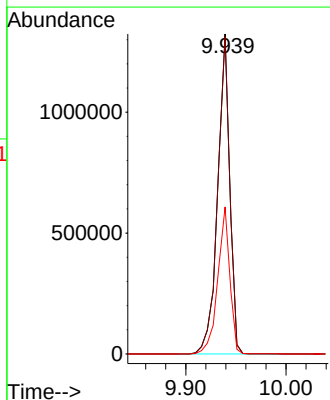
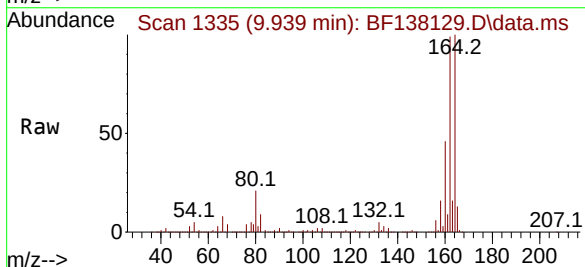
Instrument :
BNA_F
ClientSampleId :
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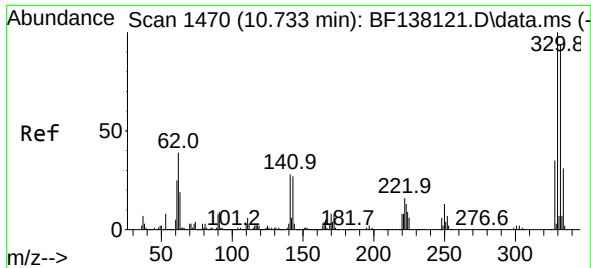
Tgt Ion:122 Resp: 483
Ion Ratio Lower Upper
122 100
105 265.1 102.8 142.8#
77 786.7 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:164 Resp: 1106881
Ion Ratio Lower Upper
164 100
162 99.2 80.9 121.3
160 46.0 37.0 55.6

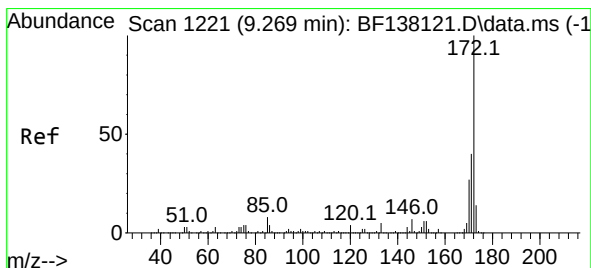
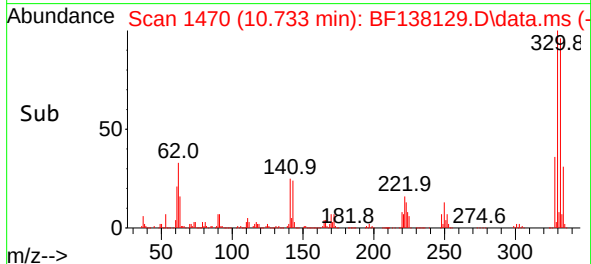
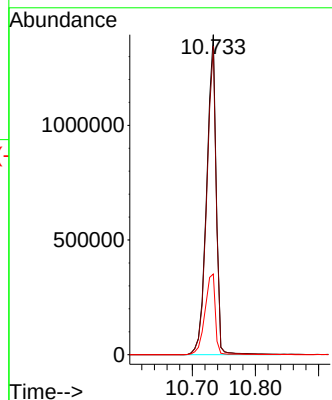
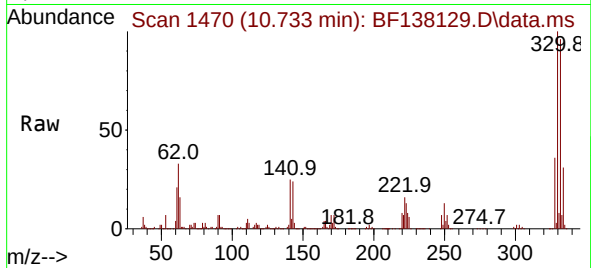




#42
2,4,6-Tribromophenol
Concen: 137.139 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

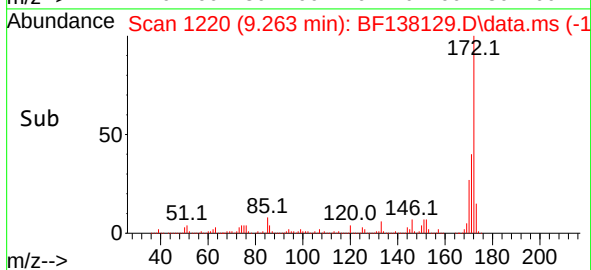
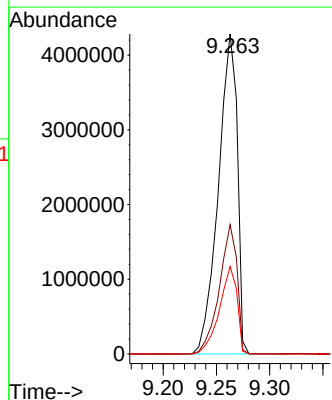
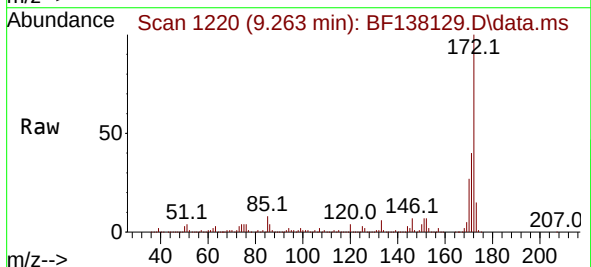
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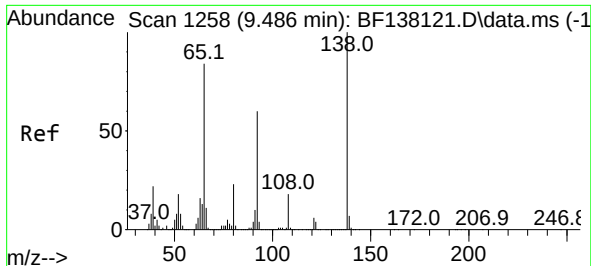
Tgt Ion:330 Resp: 1460843
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 27.6 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 83.227 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:172 Resp: 5268542
Ion Ratio Lower Upper
172 100
171 40.4 31.6 47.4
170 27.3 21.4 32.2

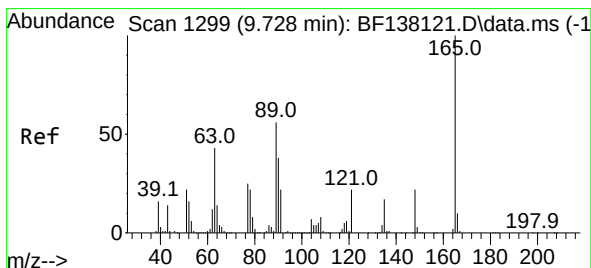
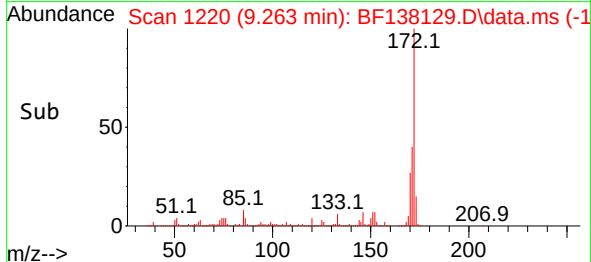
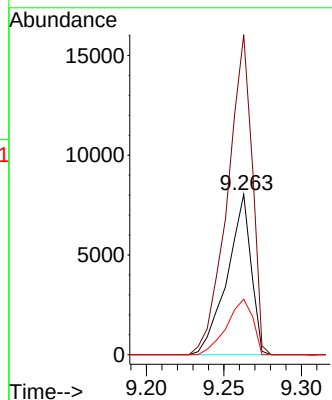
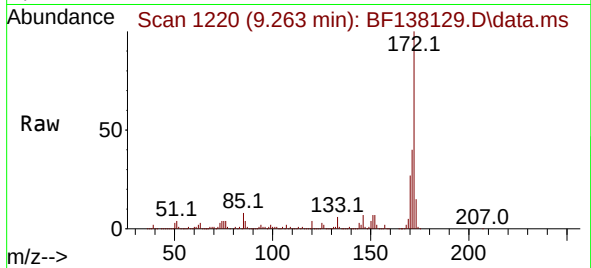




#48
2-Nitroaniline
Concen: 5.299 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

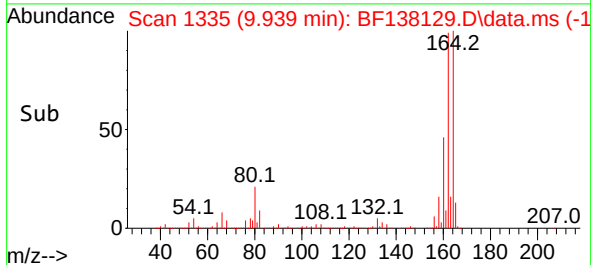
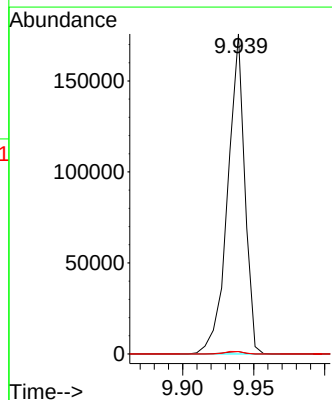
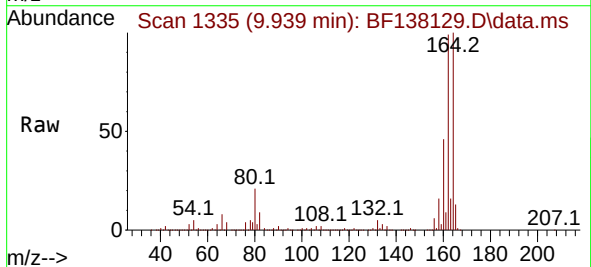
Instrument :
BNA_F
ClientSampleId :
PB161334BL

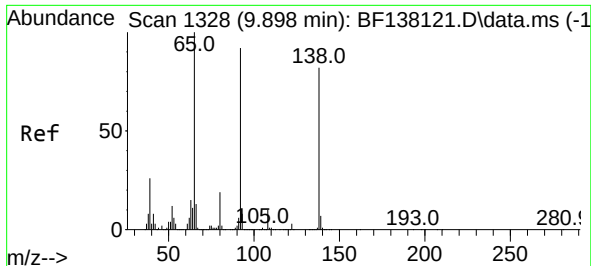
Tgt Ion: 65 Resp: 8586
Ion Ratio Lower Upper
65 100
92 199.6 57.3 85.9#
138 34.7 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.422 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.211 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:165 Resp: 146528
Ion Ratio Lower Upper
165 100
63 0.7 42.9 64.3#
89 0.8 45.0 67.4#

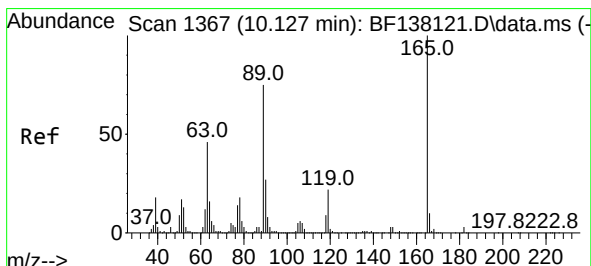
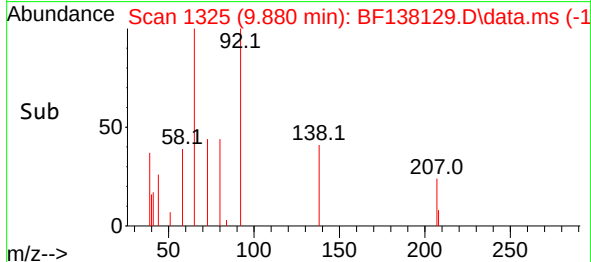
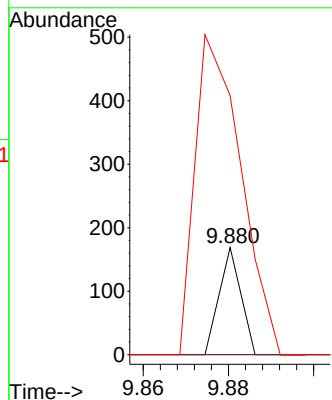
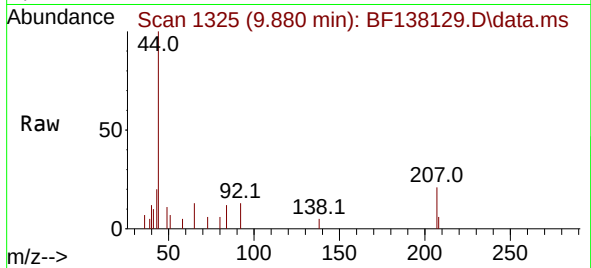




#53
3-Nitroaniline
Concen: 2.948 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

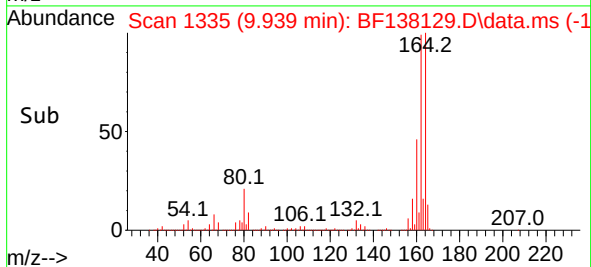
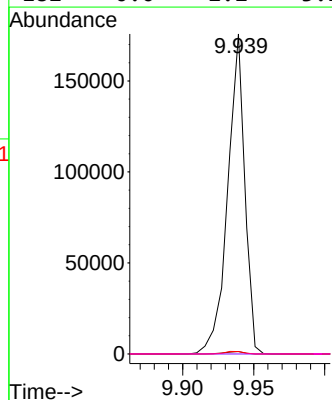
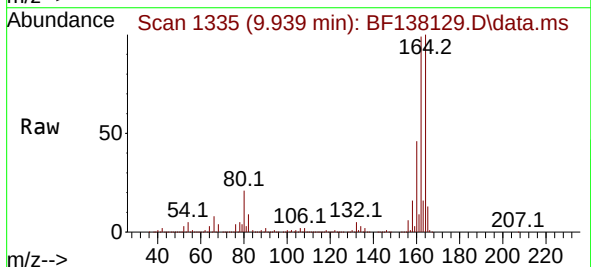
Instrument :
BNA_F
ClientSampleId :
PB161334BL

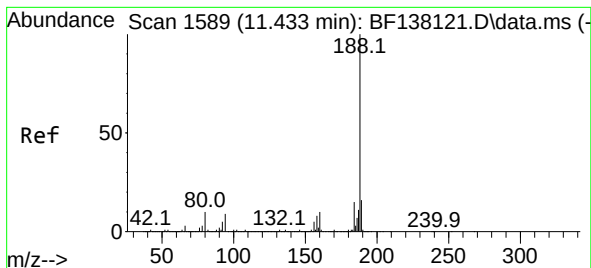
Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
108 0.0 10.3 15.5#
92 241.4 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.296 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:165 Resp: 146528
Ion Ratio Lower Upper
165 100
63 0.7 36.8 55.2#
89 0.8 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138129.D

Acq: 06 Jun 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB161334BL

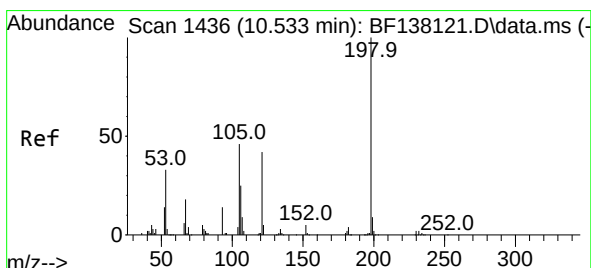
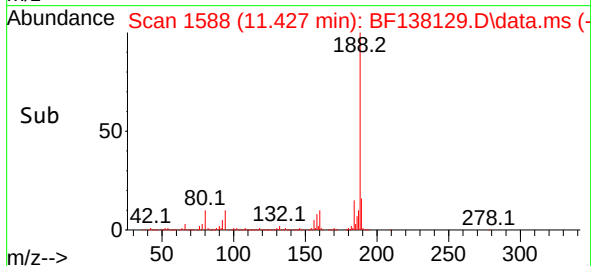
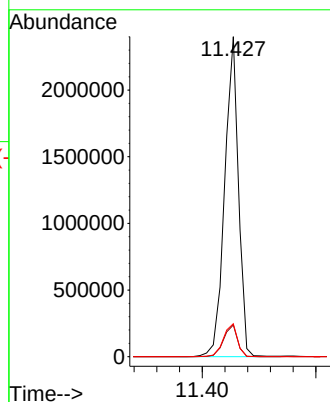
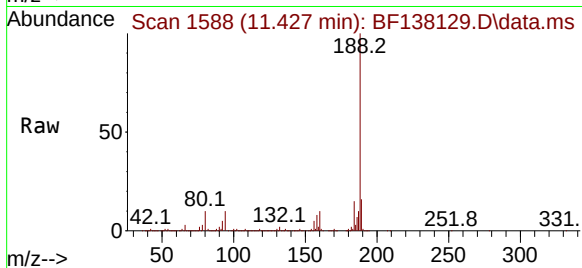
Tgt Ion:188 Resp: 2026838

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 10.3 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.814 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.194 min

Lab File: BF138129.D

Acq: 06 Jun 2024 13:04

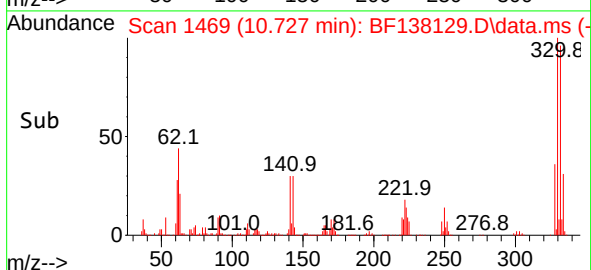
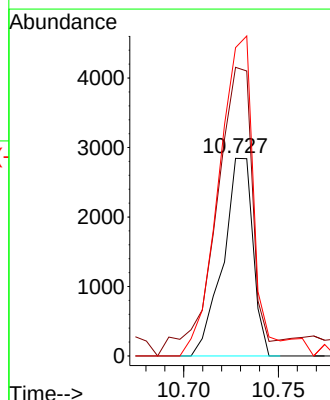
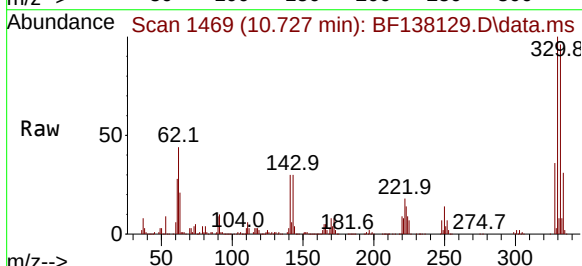
Tgt Ion:198 Resp: 3117

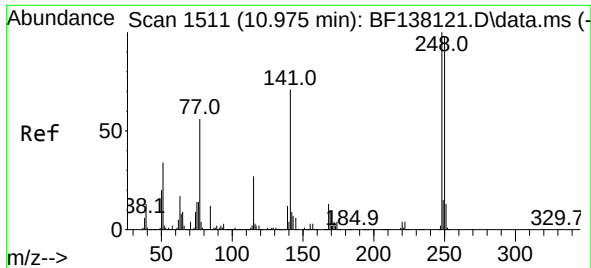
Ion Ratio Lower Upper

198 100

51 146.0 28.2 68.2#

105 156.0 26.8 66.8#

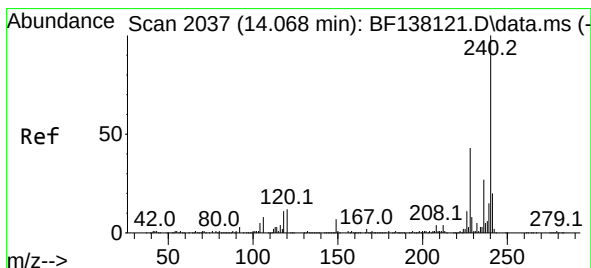
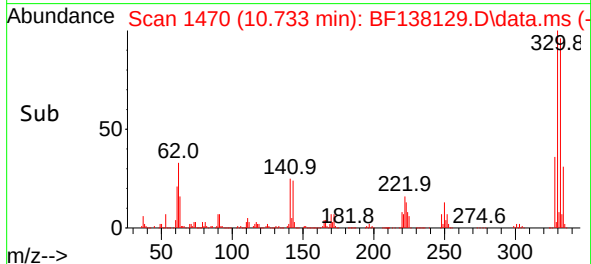
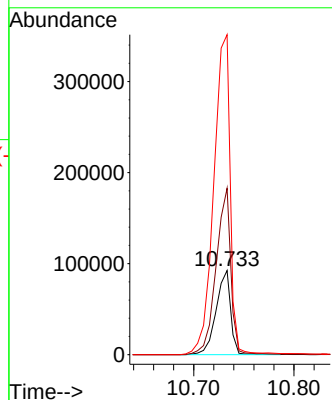
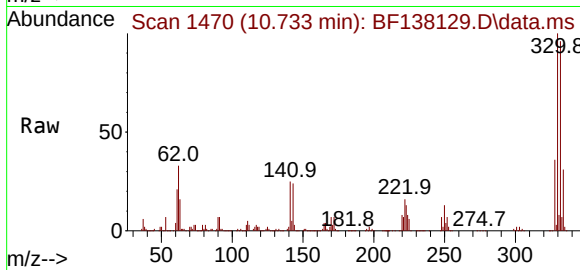




#67
4-Bromophenyl-phenylether
Concen: 4.036 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

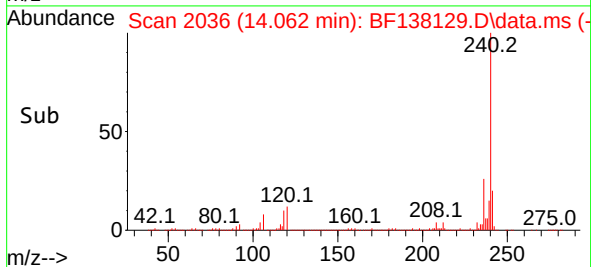
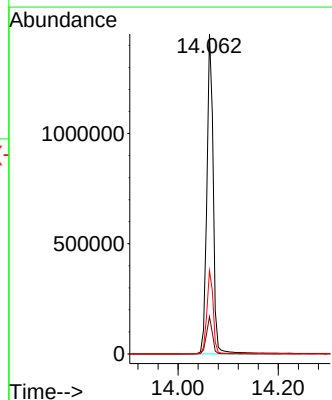
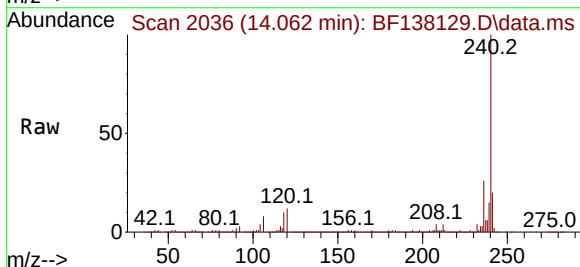
Instrument :
BNA_F
ClientSampleId :
PB161334BL

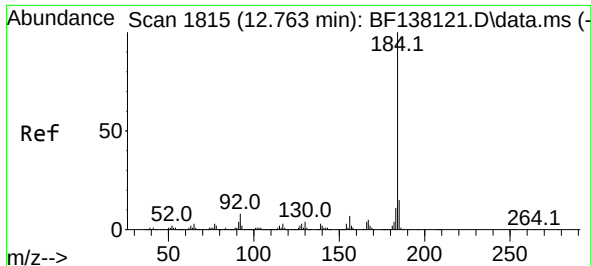
Tgt Ion:248 Resp: 93132
Ion Ratio Lower Upper
248 100
250 197.9 78.7 118.1#
141 380.5 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:240 Resp: 1282803
Ion Ratio Lower Upper
240 100
120 11.6 9.8 14.8
236 26.0 21.2 31.8

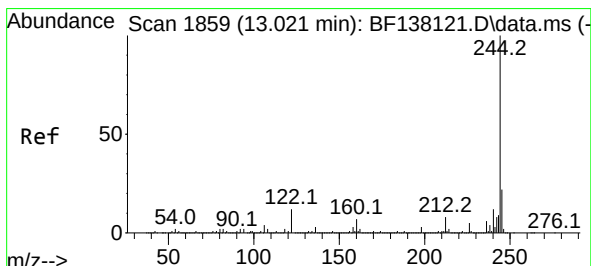
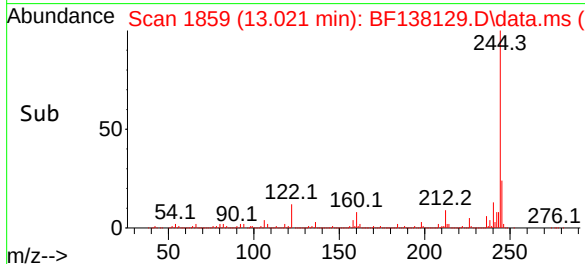
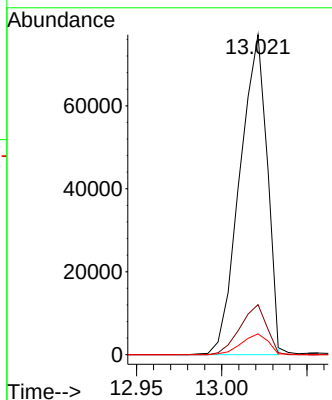
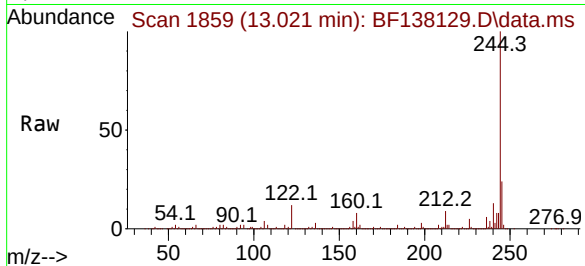




#77
Benzidine
Concen: 6.525 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.259 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

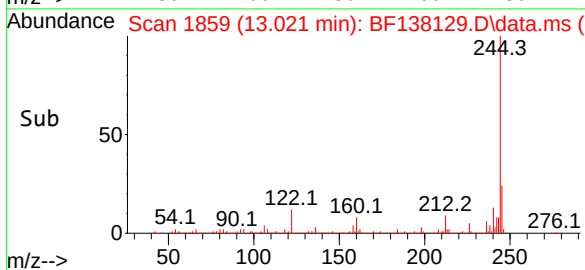
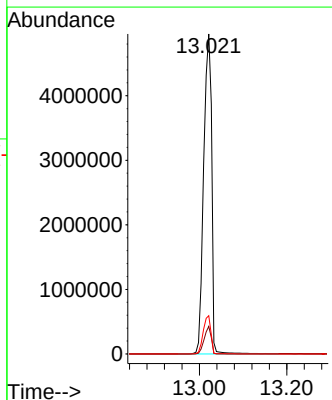
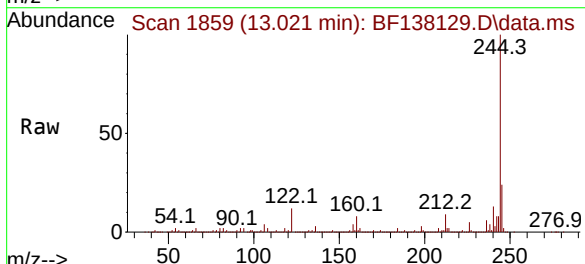
Instrument :
BNA_F
ClientSampleId :
PB161334BL

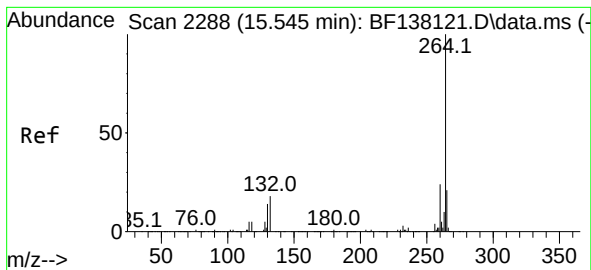
Tgt Ion:184 Resp: 86129
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 6.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 73.575 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:244 Resp: 6310125
Ion Ratio Lower Upper
244 100
212 8.6 6.4 9.6
122 11.9 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138129.D

Acq: 06 Jun 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB161334BL

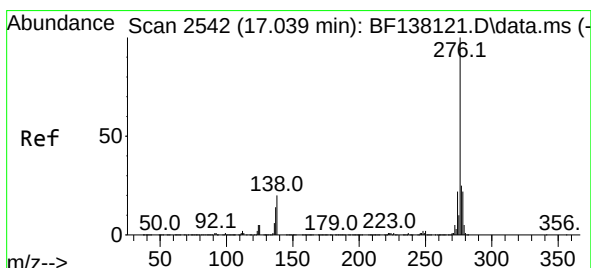
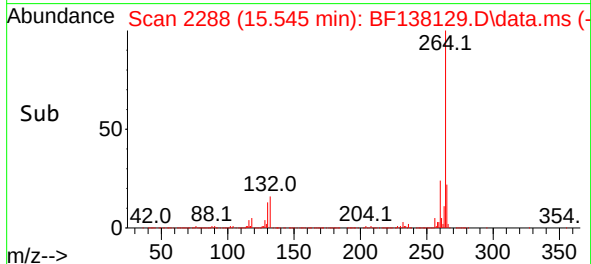
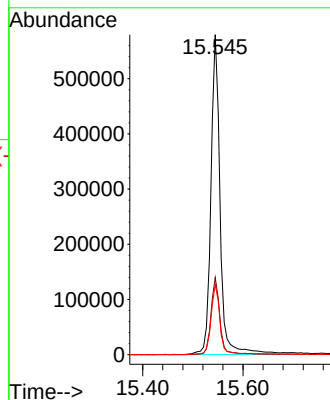
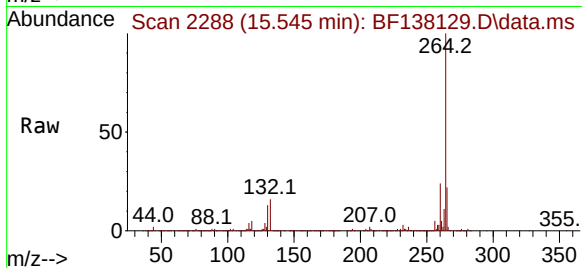
Tgt Ion:264 Resp: 738909

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.0 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.187 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.047 min

Lab File: BF138129.D

Acq: 06 Jun 2024 13:04

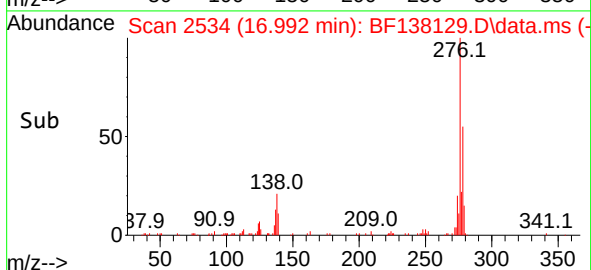
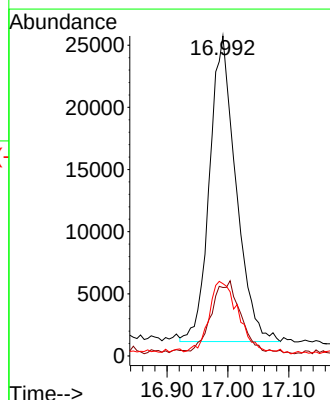
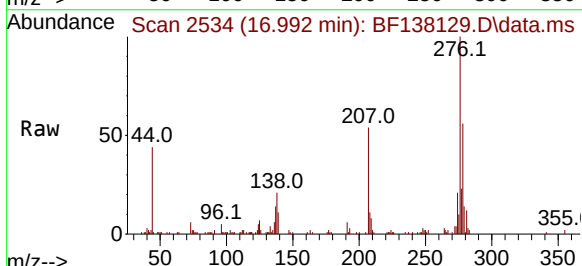
Tgt Ion:276 Resp: 73943

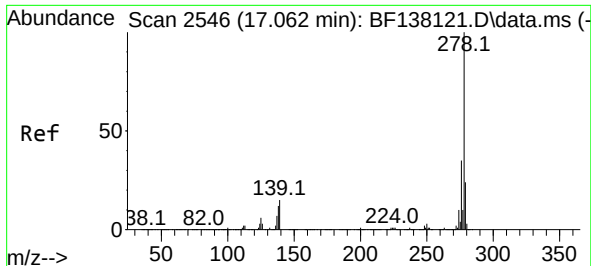
Ion Ratio Lower Upper

276 100

138 24.7 18.9 28.3

277 27.5 20.3 30.5

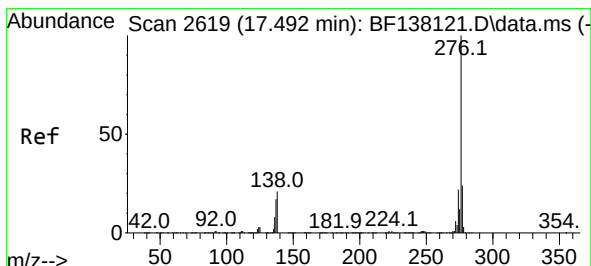
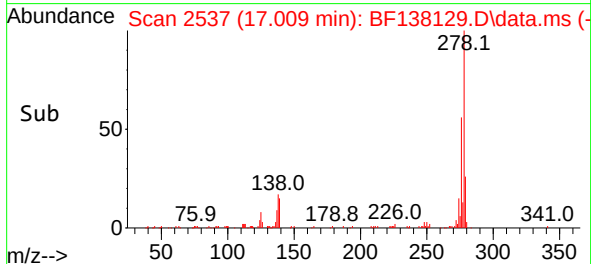
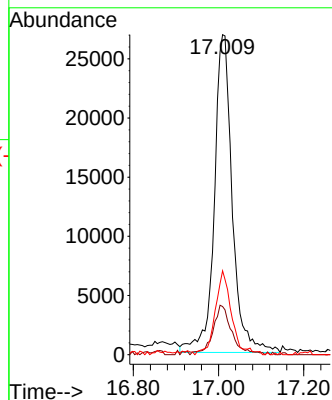
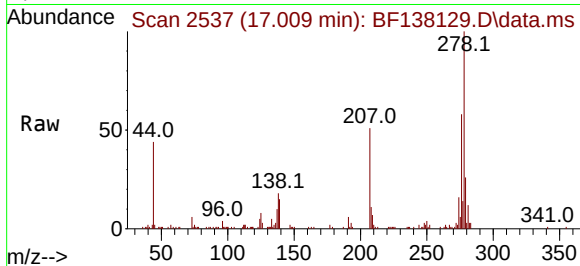




#91
Dibenzo(a,h)anthracene
Concen: 5.921 ng
RT: 17.009 min Scan# 21
Delta R.T. -0.053 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Instrument :
BNA_F
ClientSampleId :
PB161334BL

Tgt Ion:278 Resp: 78929
Ion Ratio Lower Upper
278 100
139 15.1 11.7 17.5
279 26.2 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 4.237 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.059 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:276 Resp: 44629
Ion Ratio Lower Upper
276 100
277 21.8 19.0 28.4
138 20.2 16.5 24.7

