

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138152.D
 Acq On : 07 Jun 2024 11:04
 Operator : CG\JU
 Sample : PB161349BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161349BL

Quant Time: Jun 07 11:29:19 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)

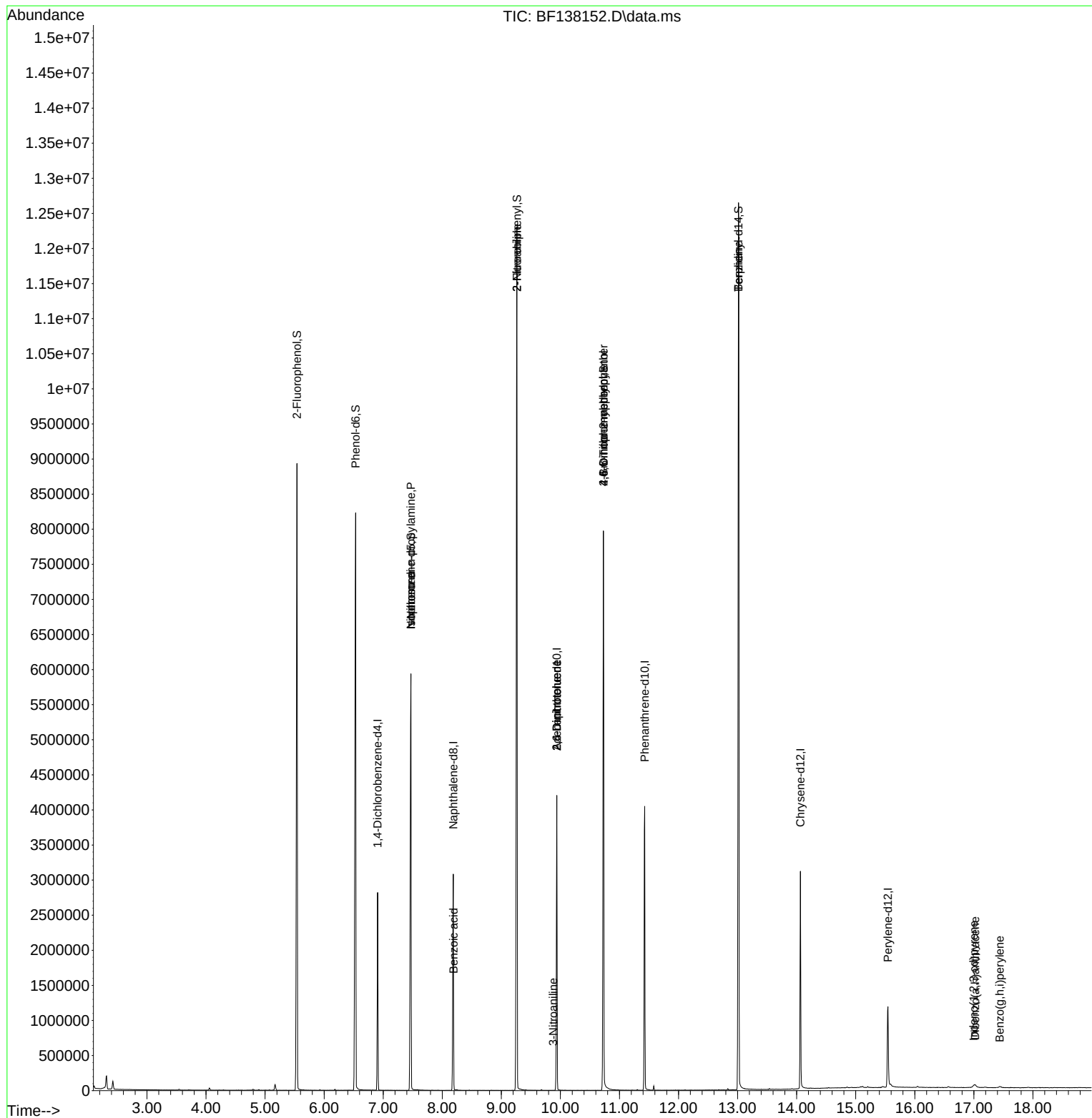
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	364351	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1413426	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	816914	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1526429	20.000	ng	0.00
76) Chrysene-d12	14.063	240	973800	20.000	ng	0.00
86) Perylene-d12	15.545	264	627210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2860835	133.815	ng	0.01
7) Phenol-d6	6.534	99	3463604	128.047	ng	0.00
23) Nitrobenzene-d5	7.469	82	2136465	102.842	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	1157768	147.266	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4207985	90.069	ng	0.00
79) Terphenyl-d14	13.016	244	5133053	78.842	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.534	77	5296	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.469	70	288439	16.723	ng	# 76
25) Isophorone	7.469	82	2133821	46.624	ng	# 63
32) Benzoic acid	8.192	122	300	7.961	ng	# 1
48) 2-Nitroaniline	9.263	65	6721	5.329	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	107162	12.340	ng	# 25
53) 3-Nitroaniline	9.881	138	89	2.952	ng	# 60
57) 2,4-Dinitrotoluene	9.939	165	107162	11.228	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.728	198	2601	8.860	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	71670	4.124	ng	# 1
77) Benzidine	13.016	184	69321	6.918	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.998	276	35264	4.440	ng	# 92
91) Dibenzo(a,h)anthracene	17.021	278	37570	4.926	ng	# 96
92) Benzo(g,h,i)perylene	17.439	276	22137	3.716	ng	# 93

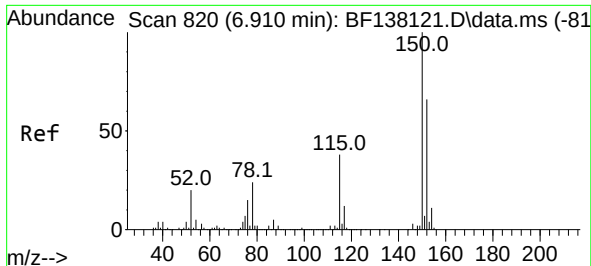
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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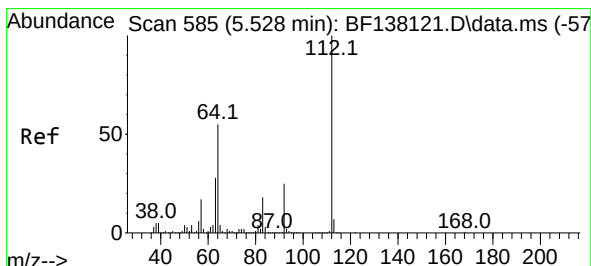
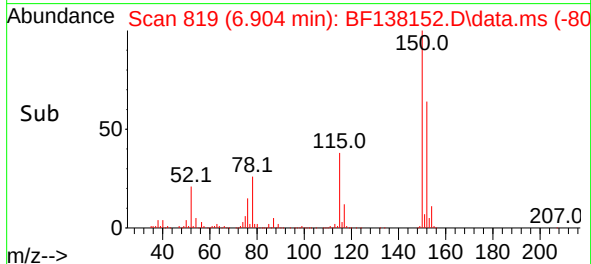
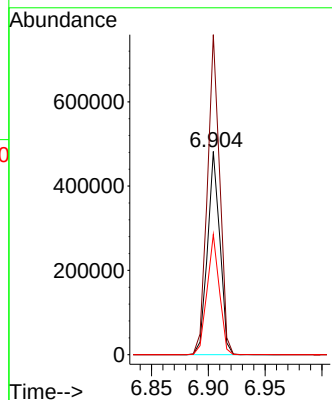
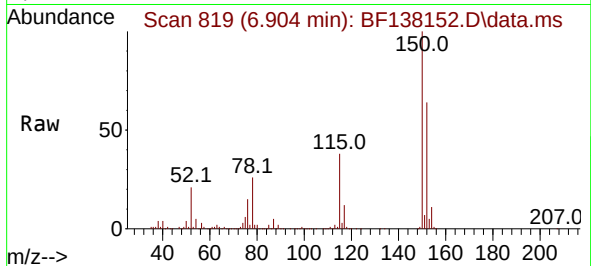




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

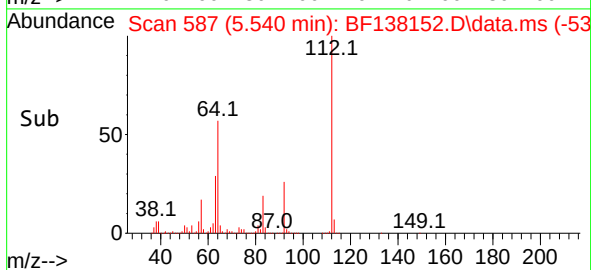
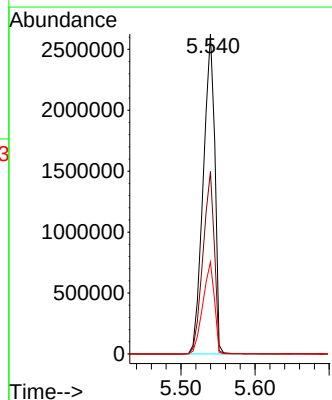
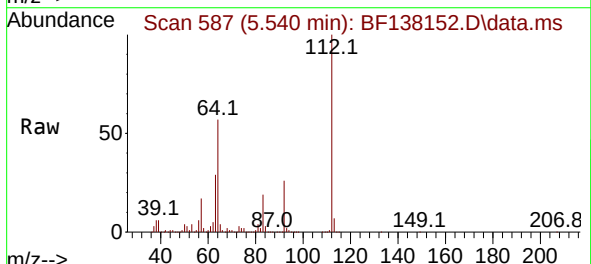
Instrument :
BNA_F
ClientSampleId :
PB161349BL

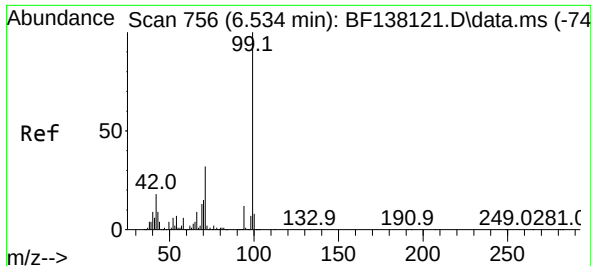
Tgt Ion:152 Resp: 364351
Ion Ratio Lower Upper
152 100
150 157.4 121.8 182.6
115 59.1 46.2 69.2



#5
2-Fluorophenol
Concen: 133.815 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:112 Resp: 2860835
Ion Ratio Lower Upper
112 100
64 57.0 44.0 66.0
63 28.8 22.1 33.1



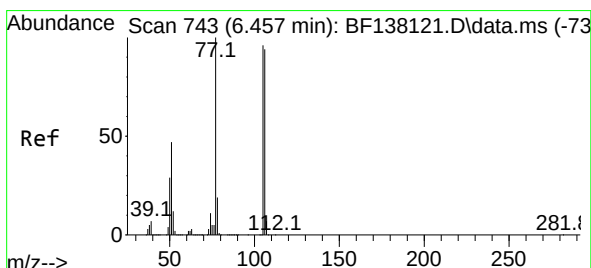
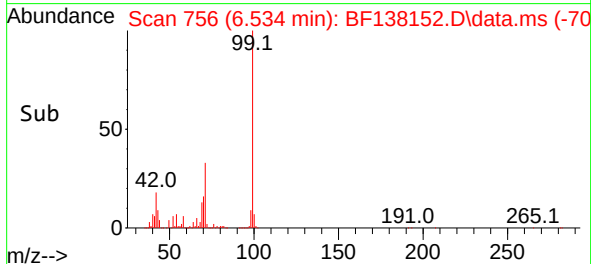
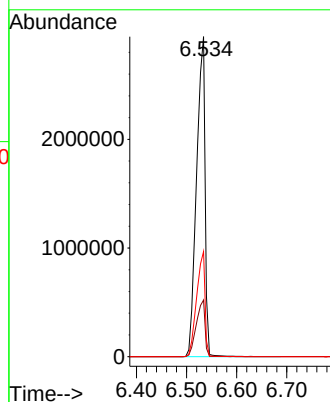
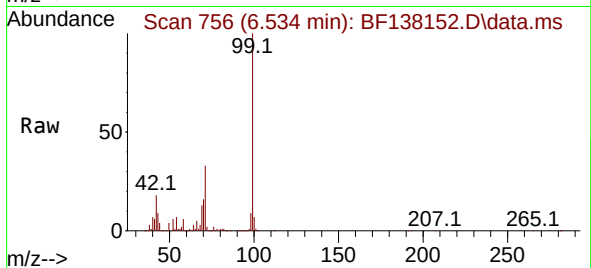


#7
Phenol-d6
Concen: 128.047 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB161349BL

Tgt Ion: 99 Resp: 3463604

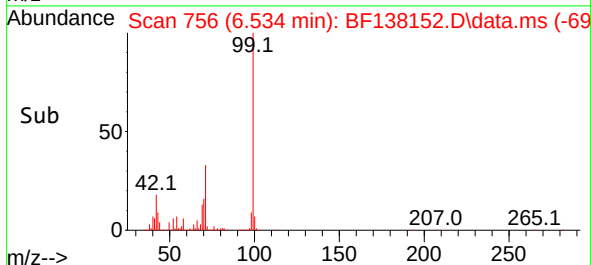
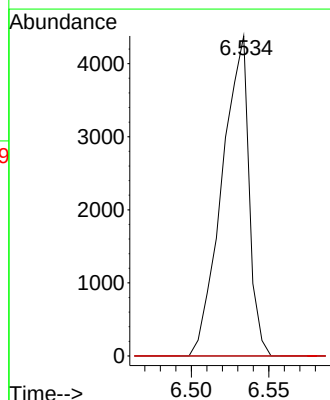
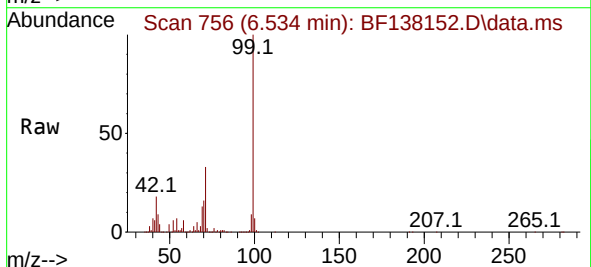
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.4	21.6
71	32.8	25.5	38.3

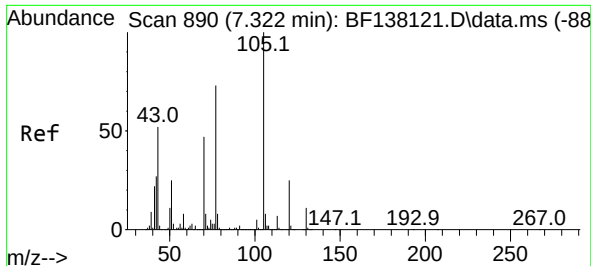


#9
Benzaldehyde
Concen: Below Cal
RT: 6.534 min Scan# 756
Delta R.T. 0.077 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion: 77 Resp: 5296

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

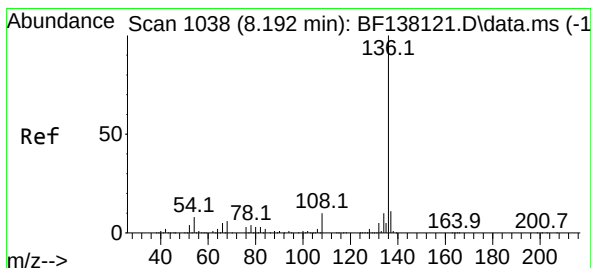
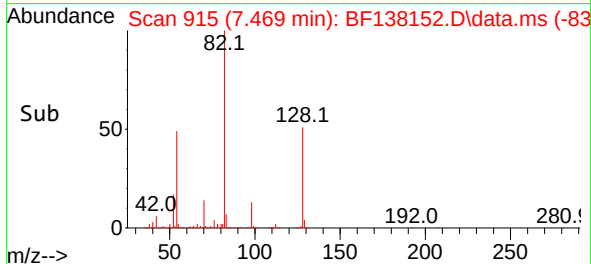
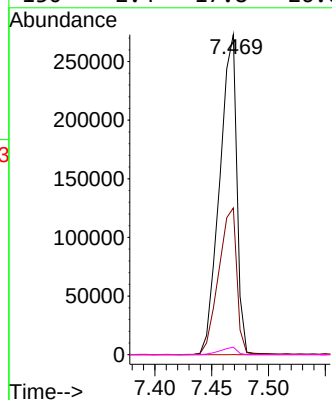
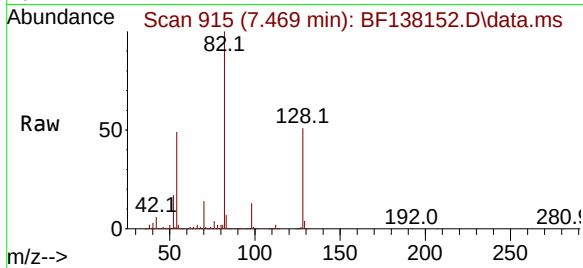




#19
n-Nitroso-di-n-propylamine
Concen: 16.723 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

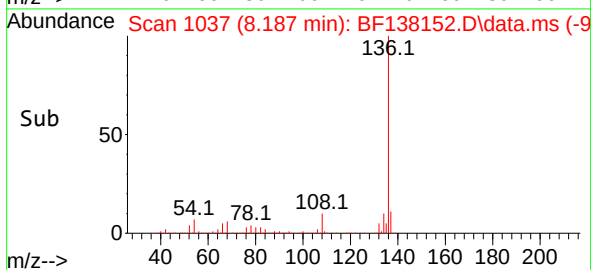
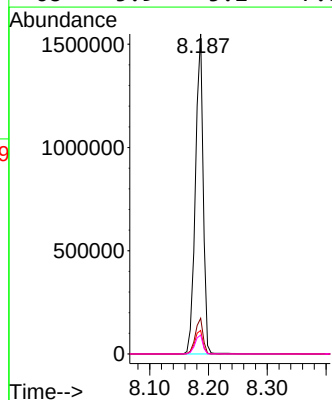
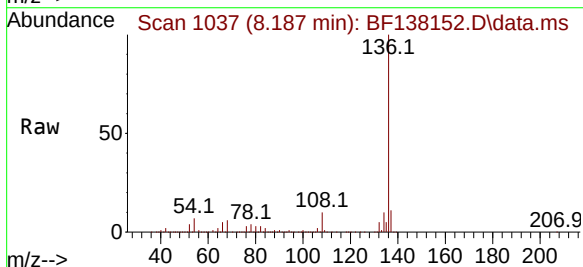
Instrument :
BNA_F
ClientSampleId :
PB161349BL

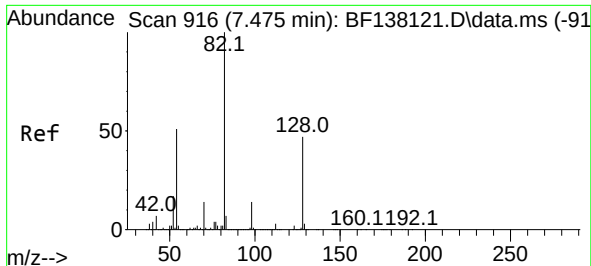
Tgt Ion: 70 Resp: 288439
Ion Ratio Lower Upper
70 100
42 45.9 46.3 69.5#
101 0.1 7.7 11.5#
130 2.4 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion: 136 Resp: 1413426
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 6.2 9.2
68 5.9 5.2 7.8

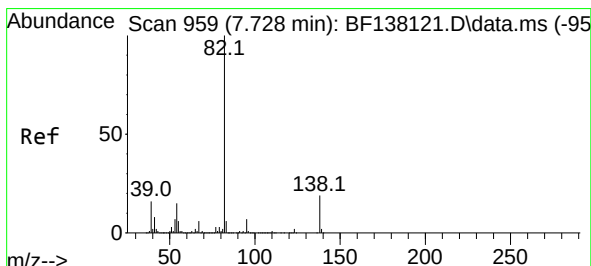
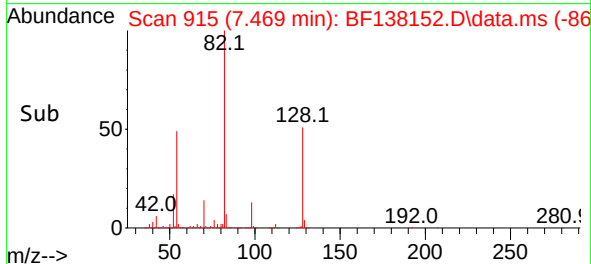
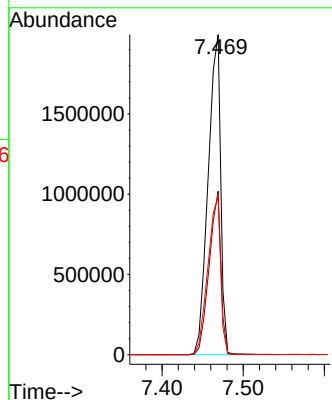
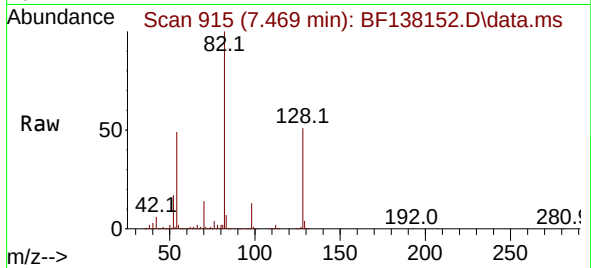




#23
Nitrobenzene-d5
Concen: 102.842 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

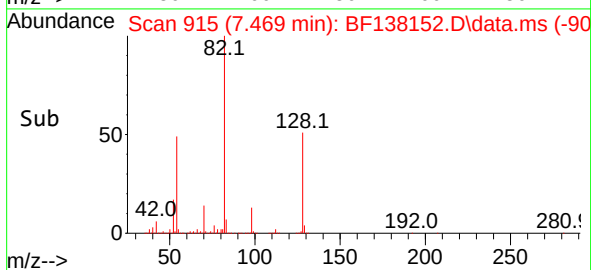
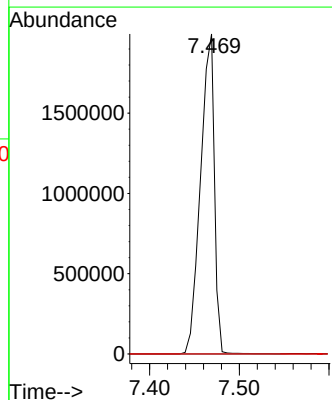
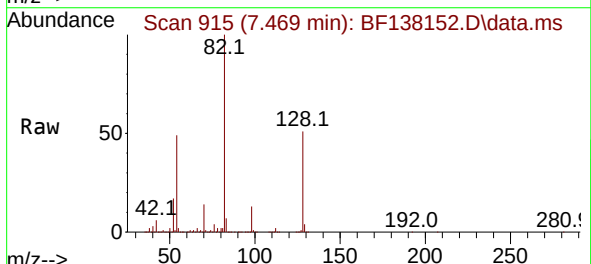
Instrument :
BNA_F
ClientSampleId :
PB161349BL

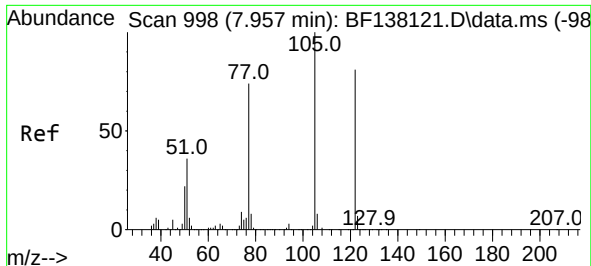
Tgt Ion: 82 Resp: 2136465
Ion Ratio Lower Upper
82 100
128 51.1 37.7 56.5
54 49.2 40.8 61.2



#25
Isophorone
Concen: 46.624 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion: 82 Resp: 2133821
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

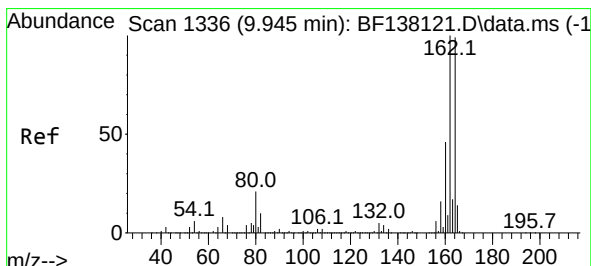
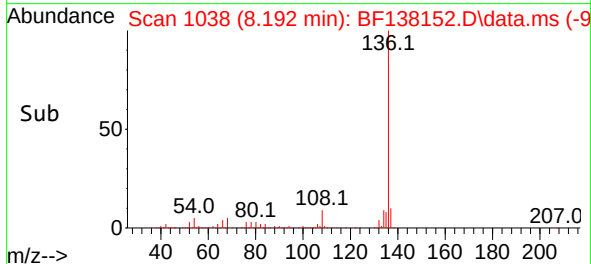
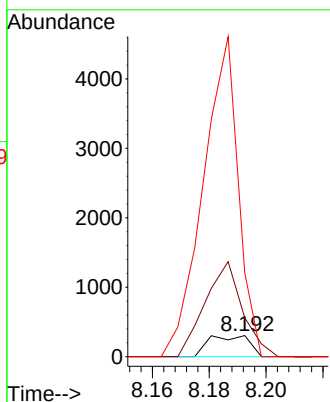
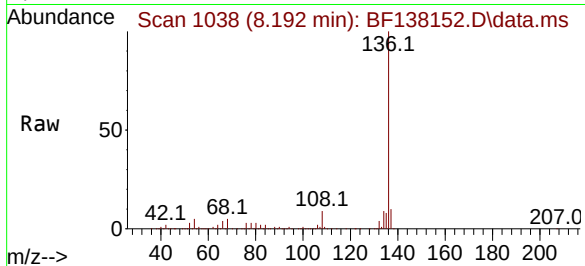




#32
Benzoic acid
Concen: 7.961 ng
RT: 8.192 min Scan# 10
Delta R.T. 0.235 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

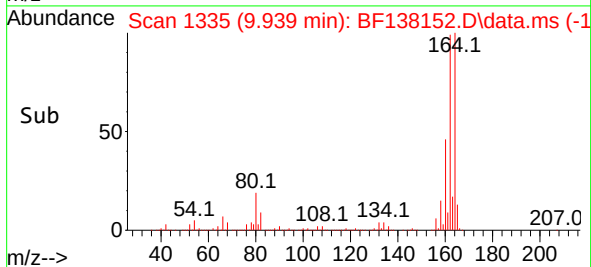
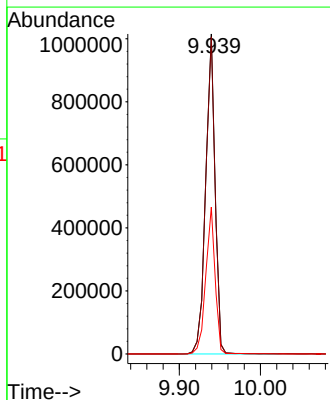
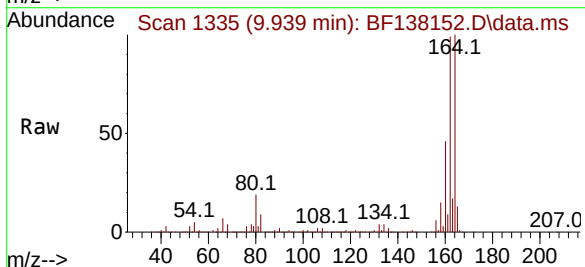
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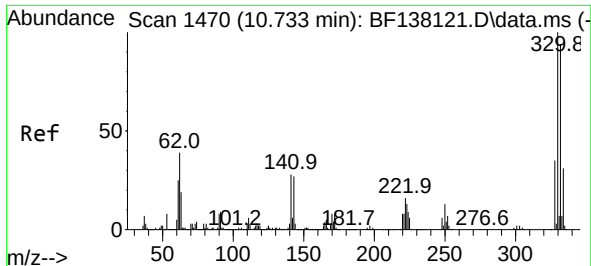
Tgt Ion:122 Resp: 300
Ion Ratio Lower Upper
122 100
105 184.2 102.8 142.8#
77 397.4 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:164 Resp: 816914
Ion Ratio Lower Upper
164 100
162 99.1 80.9 121.3
160 45.9 37.0 55.6

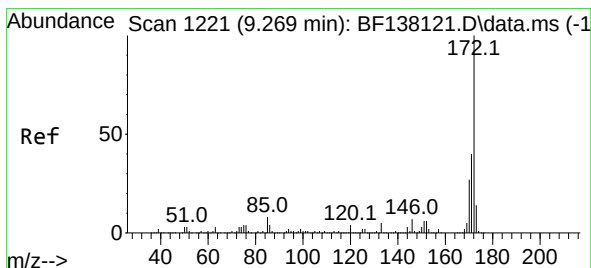
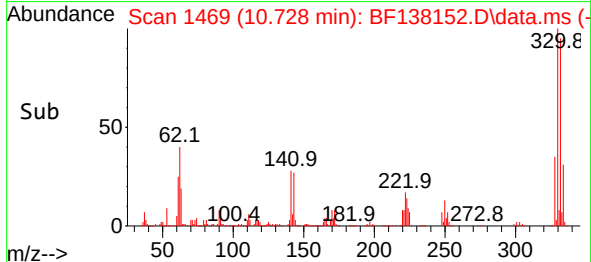
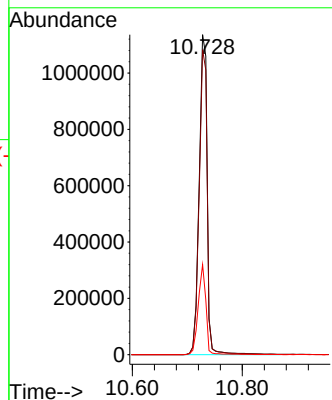
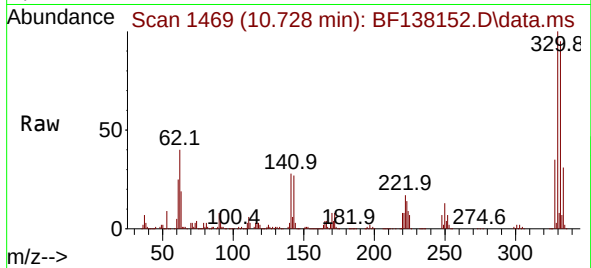




#42
2,4,6-Tribromophenol
Concen: 147.266 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.005 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

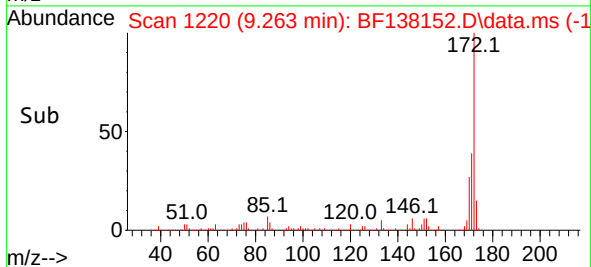
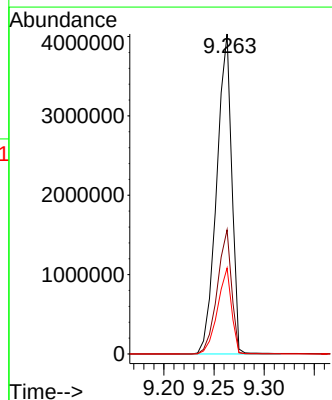
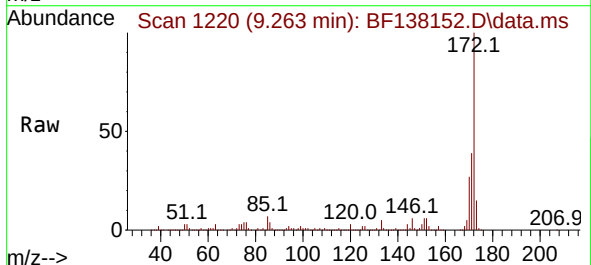
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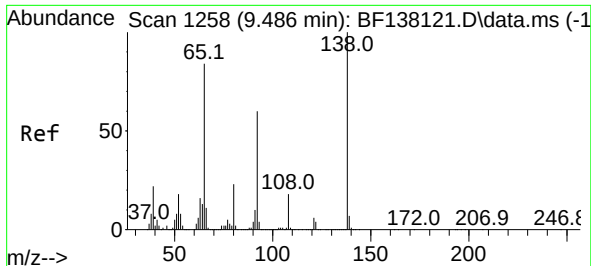
Tgt Ion:330 Resp: 1157768
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.8
141 27.2 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 90.069 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:172 Resp: 4207985
Ion Ratio Lower Upper
172 100
171 38.8 31.6 47.4
170 26.8 21.4 32.2

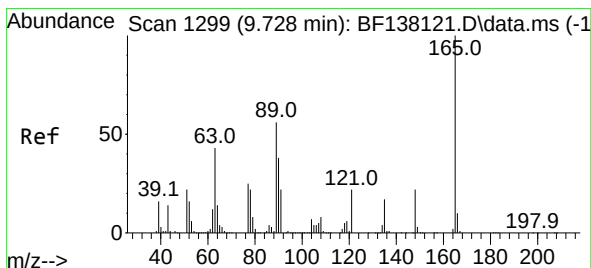
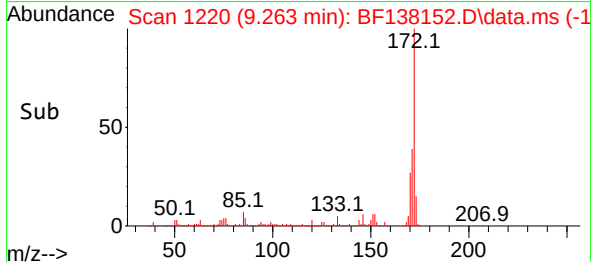
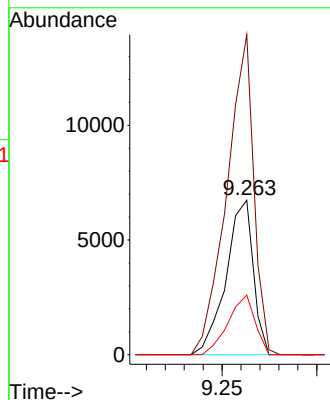
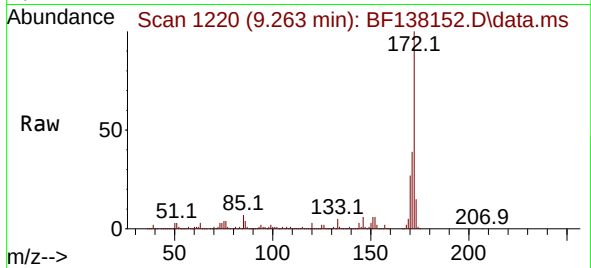




#48
2-Nitroaniline
Concen: 5.329 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

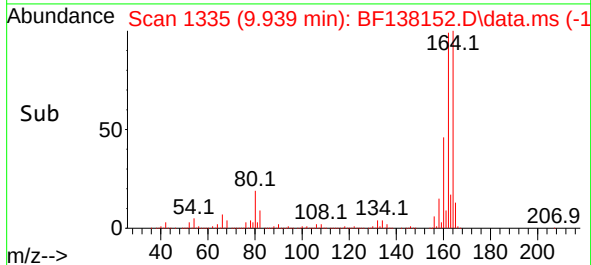
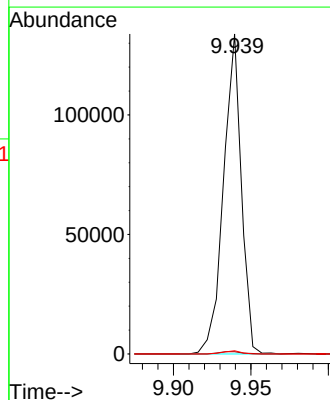
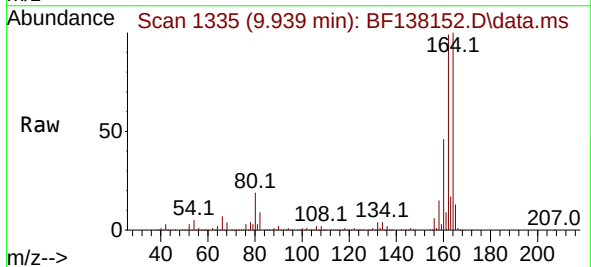
Instrument :
BNA_F
ClientSampleId :
PB161349BL

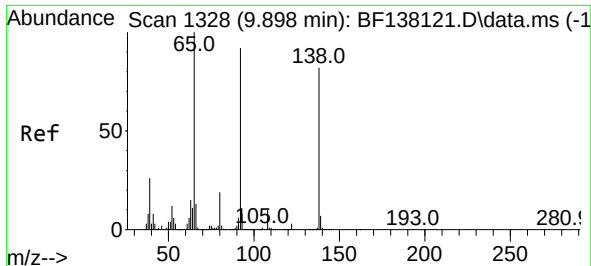
Tgt Ion: 65 Resp: 6721
Ion Ratio Lower Upper
65 100
92 207.2 57.3 85.9#
138 38.6 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.340 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.211 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:165 Resp: 107162
Ion Ratio Lower Upper
165 100
63 0.7 42.9 64.3#
89 1.0 45.0 67.4#

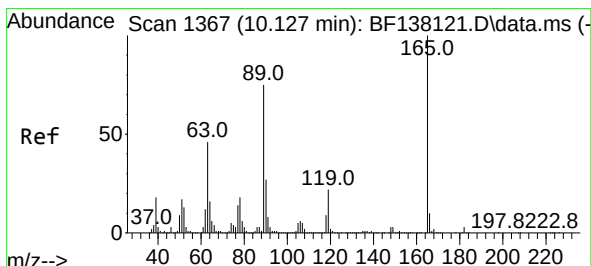
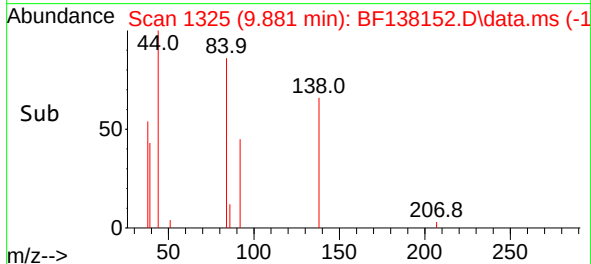
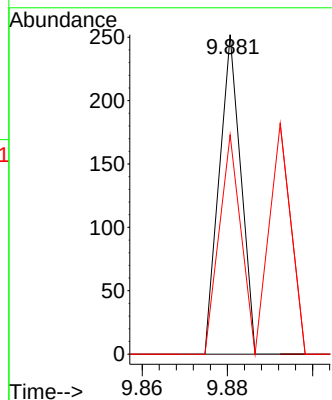
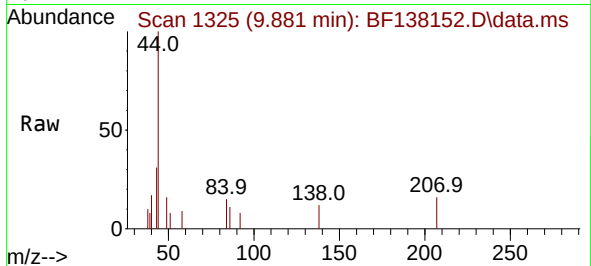




#53
3-Nitroaniline
Concen: 2.952 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

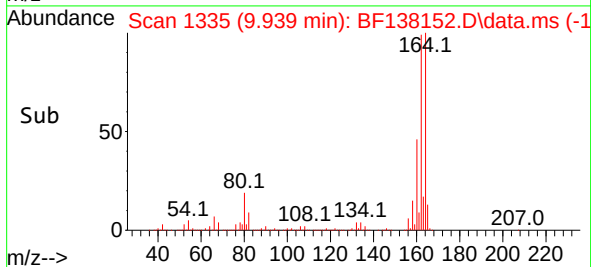
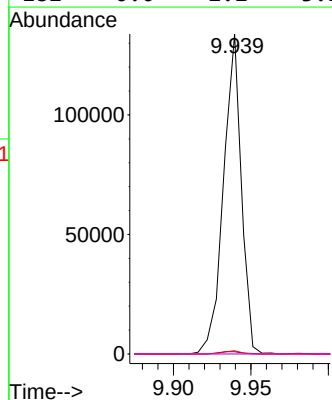
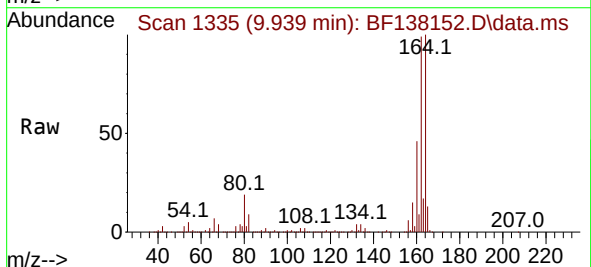
Instrument :
BNA_F
ClientSampleId :
PB161349BL

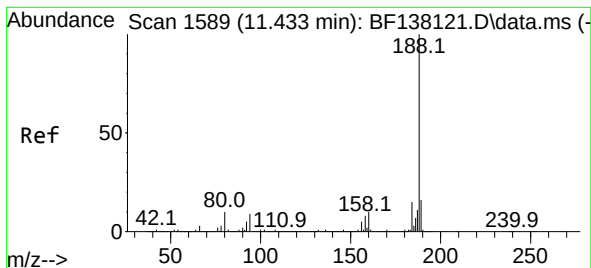
Tgt Ion:138 Resp: 89
Ion Ratio Lower Upper
138 100
108 0.0 10.3 15.5#
92 68.7 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.228 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:165 Resp: 107162
Ion Ratio Lower Upper
165 100
63 0.7 36.8 55.2#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138152.D

Acq: 07 Jun 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB161349BL

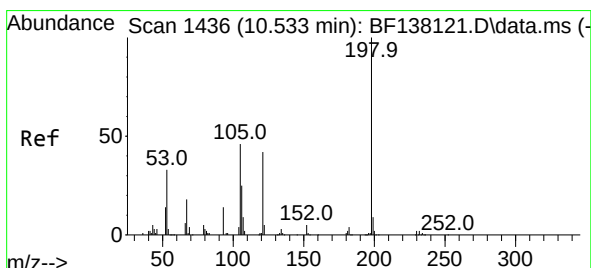
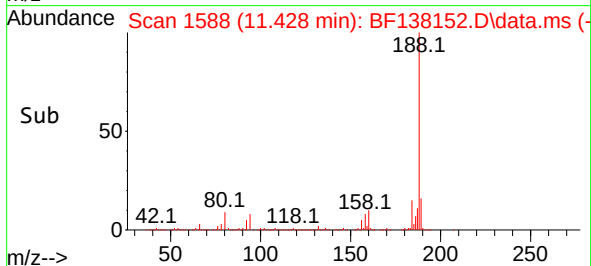
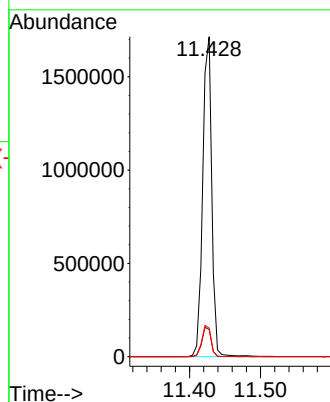
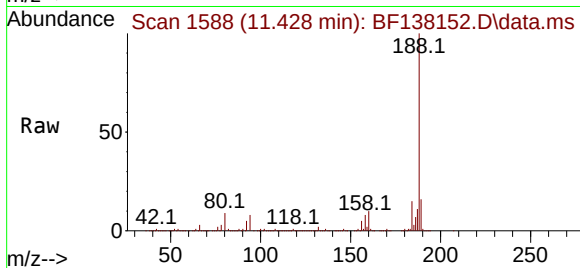
Tgt Ion:188 Resp: 1526429

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 8.9 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.860 ng

RT: 10.728 min Scan# 1469

Delta R.T. 0.195 min

Lab File: BF138152.D

Acq: 07 Jun 2024 11:04

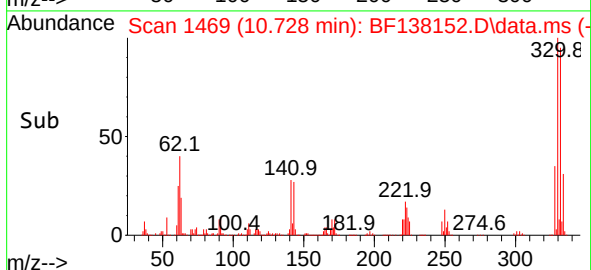
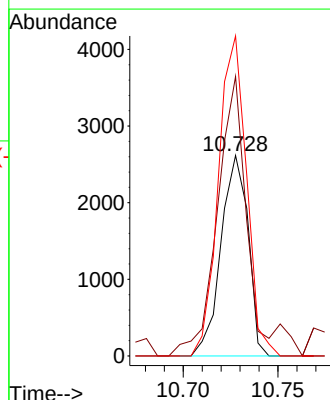
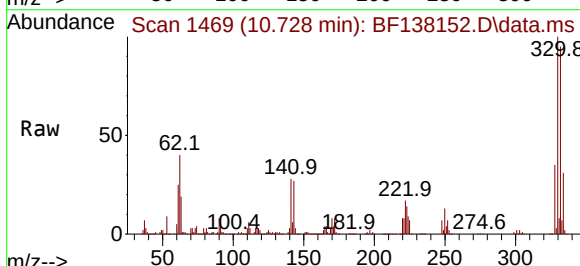
Tgt Ion:198 Resp: 2601

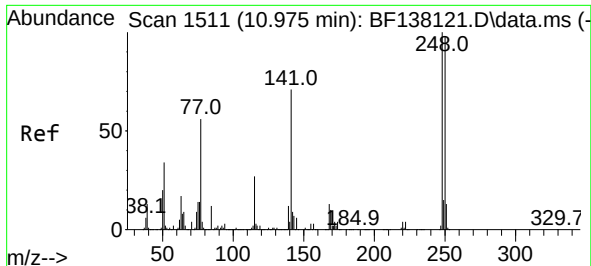
Ion Ratio Lower Upper

198 100

51 139.4 28.2 68.2#

105 159.6 26.8 66.8#

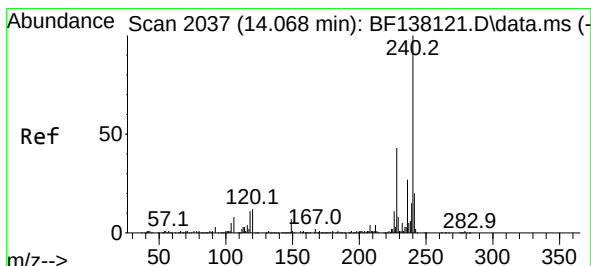
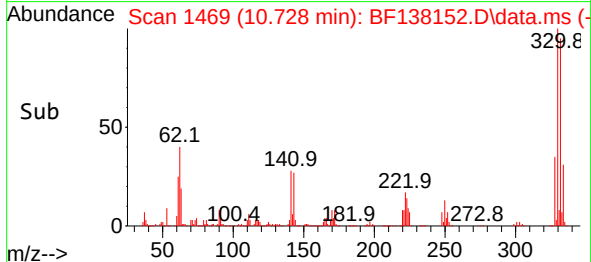
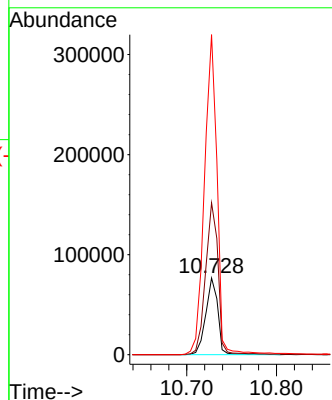
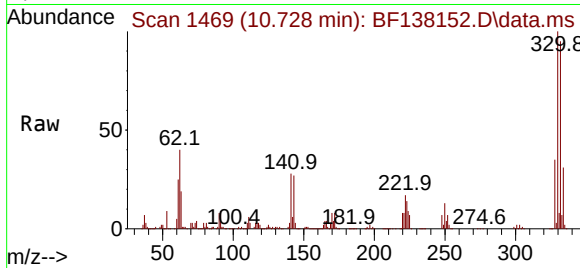




#67
4-Bromophenyl-phenylether
Concen: 4.124 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

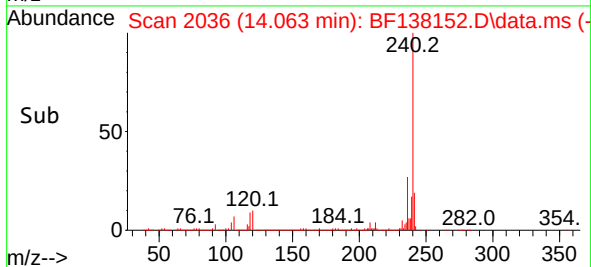
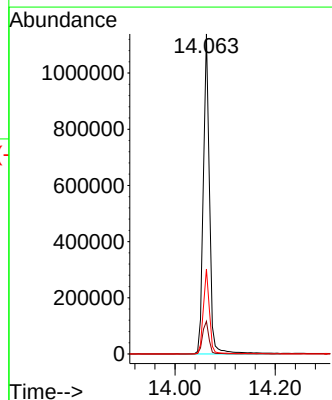
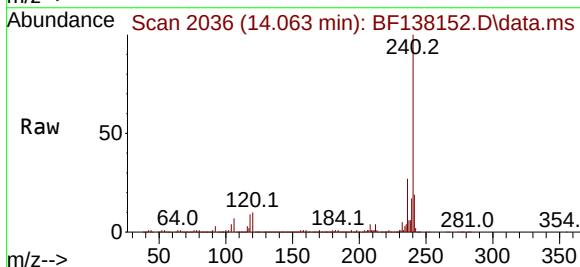
Instrument :
BNA_F
ClientSampleId :
PB161349BL

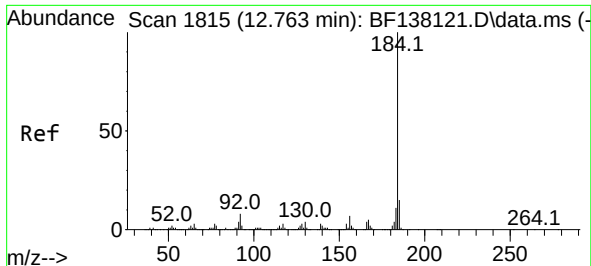
Tgt Ion:248 Resp: 71670
Ion Ratio Lower Upper
248 100
250 198.2 78.7 118.1#
141 417.7 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:240 Resp: 973800
Ion Ratio Lower Upper
240 100
120 10.2 9.8 14.8
236 26.5 21.2 31.8

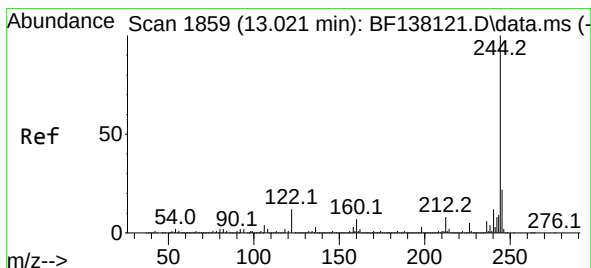
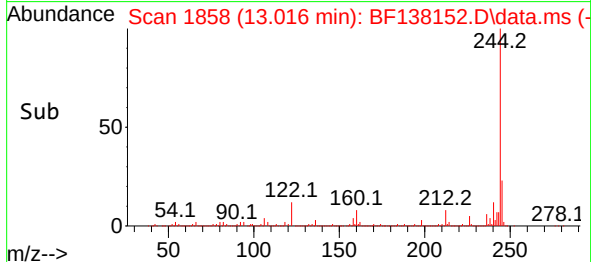
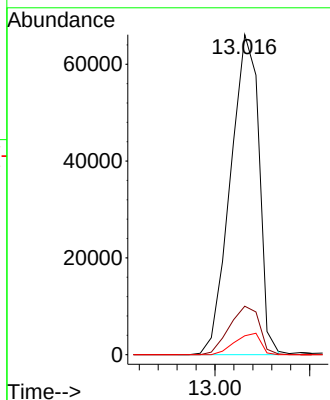
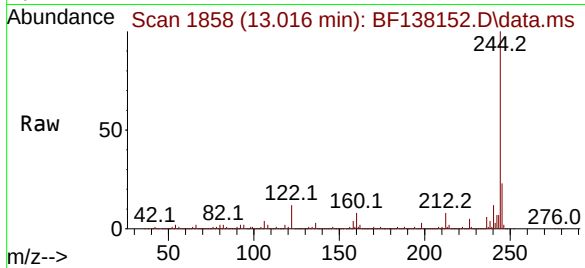




#77
Benzidine
Concen: 6.918 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

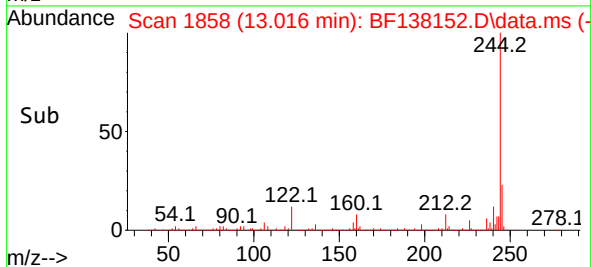
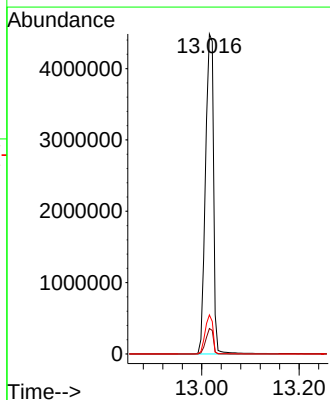
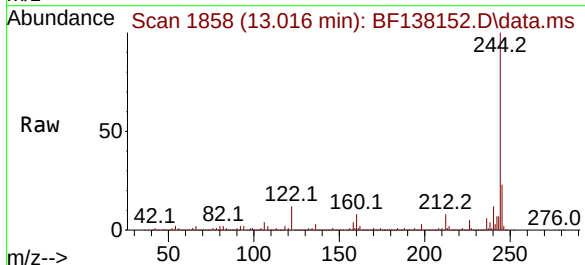
Instrument :
BNA_F
ClientSampleId :
PB161349BL

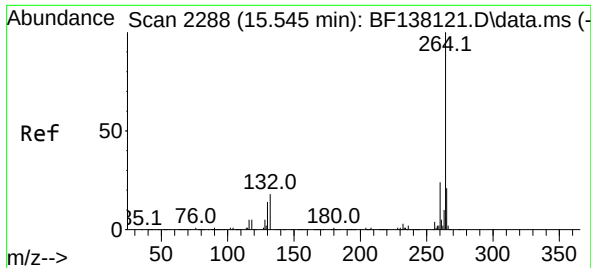
Tgt Ion:184 Resp: 69321
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 5.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 78.842 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:244 Resp: 5133053
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 12.2 9.4 14.2



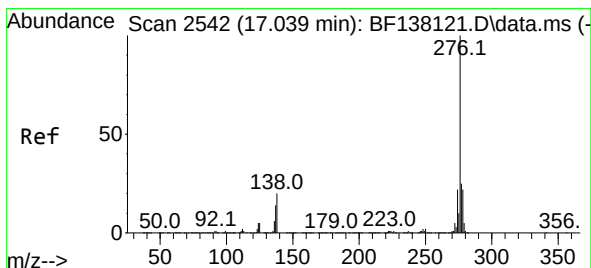
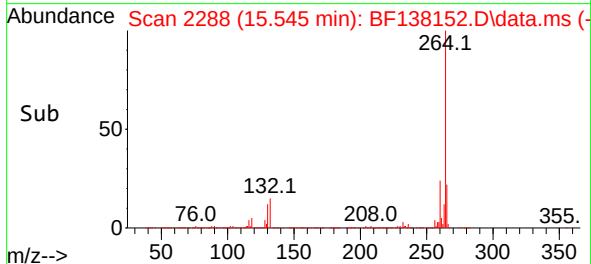
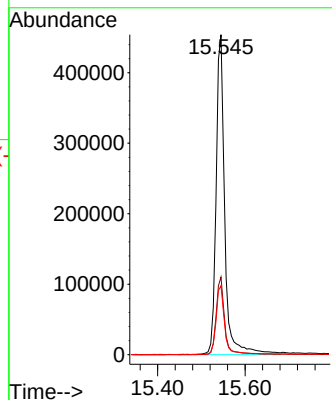
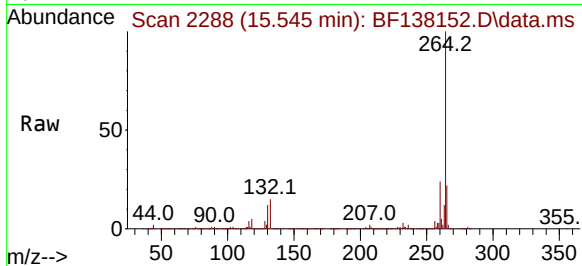


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB161349BL

Tgt Ion:264 Resp: 627210

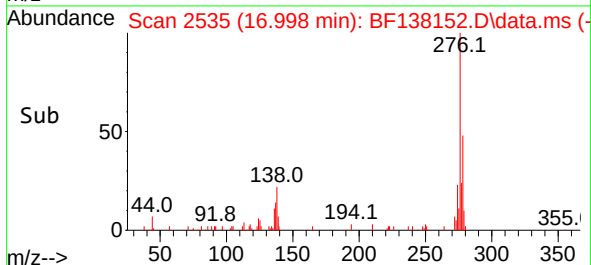
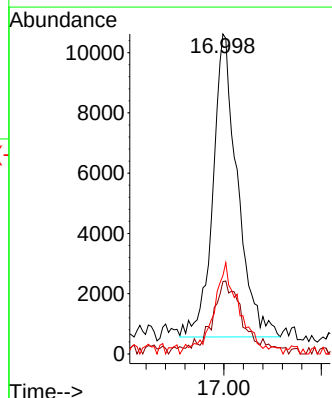
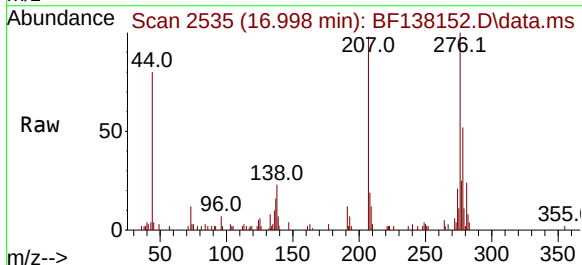
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	17.1	25.7

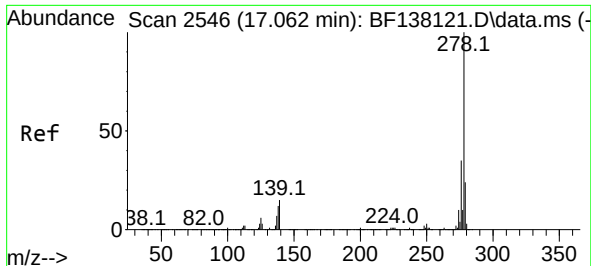


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.440 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.041 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:276 Resp: 35264

Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.9	28.3
277	31.8	20.3	30.5

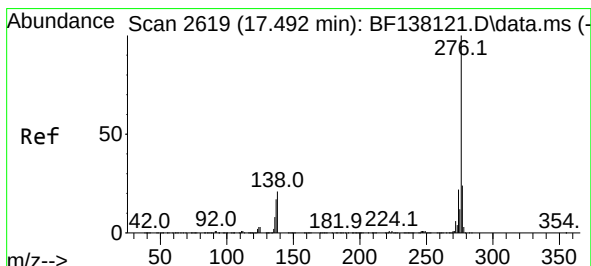
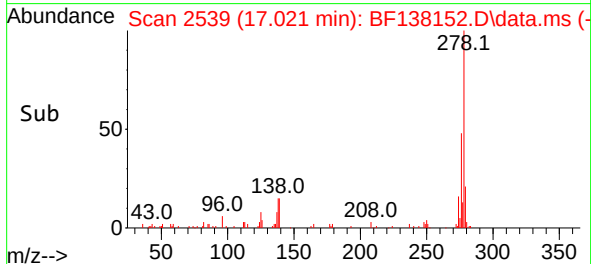
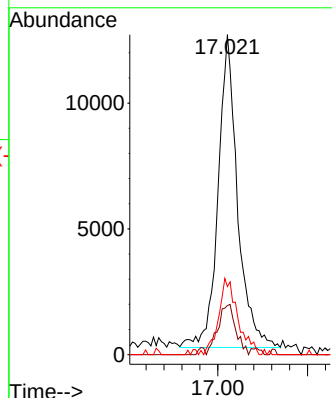
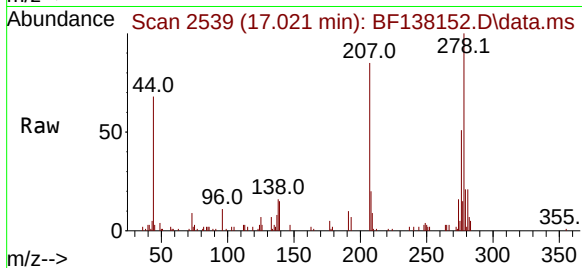




#91
Dibenzo(a,h)anthracene
Concen: 4.926 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB161349BL

Tgt Ion:278 Resp: 37570
Ion Ratio Lower Upper
278 100
139 15.3 11.7 17.5
279 21.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 3.716 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.053 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:276 Resp: 22137
Ion Ratio Lower Upper
276 100
277 26.5 19.0 28.4
138 24.8 16.5 24.7#

