

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
 Data File : BF138173.D
 Acq On : 10 Jun 2024 15:42
 Operator : CG\JU
 Sample : P2795-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3-(10-15)-COMP

Quant Time: Jun 10 16:21:26 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

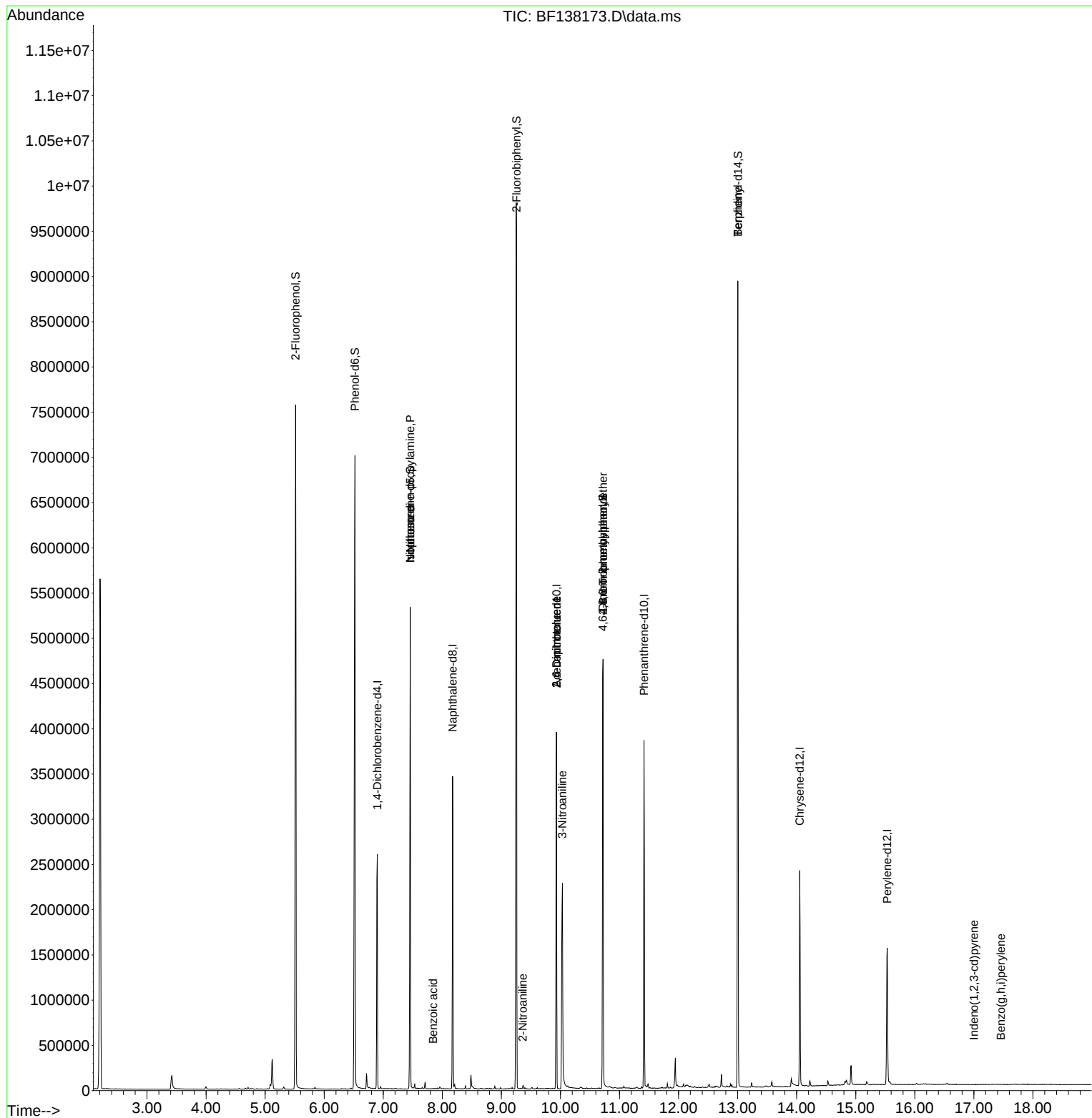
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	371647	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	1441250	20.000	ng	-0.02
39) Acenaphthene-d10	9.933	164	777841	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	1269823	20.000	ng	#-0.02
76) Chrysene-d12	14.051	240	739877	20.000	ng	-0.02
86) Perylene-d12	15.533	264	724469	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2176272	99.796	ng	-0.01
7) Phenol-d6	6.522	99	2714912	98.398	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1513604	71.453	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	579444	77.407	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	3102991	69.753	ng	-0.01
79) Terphenyl-d14	13.004	244	2870677	58.034	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.445	77	282	Below Cal	Qvalue	# 76
19) n-Nitroso-di-n-propyla...	7.457	70	194969	11.082	ng	# 78
25) Isophorone	7.457	82	1513563	32.433	ng	# 63
32) Benzoic acid	7.845	122	157	7.948	ng	# 66
48) 2-Nitroaniline	9.363	65	637	4.850	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	101677	12.308	ng	# 25
53) 3-Nitroaniline	10.033	138	18068	4.542	ng	# 13
57) 2,4-Dinitrotoluene	9.933	165	101677	11.202	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.716	198	1350	8.681	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	37436	2.589	ng	# 1
77) Benzidine	13.004	184	38008	4.992	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.003	276	325	3.490	ng	# 71
92) Benzo(g,h,i)perylene	17.456	276	302	2.993	ng	# 54

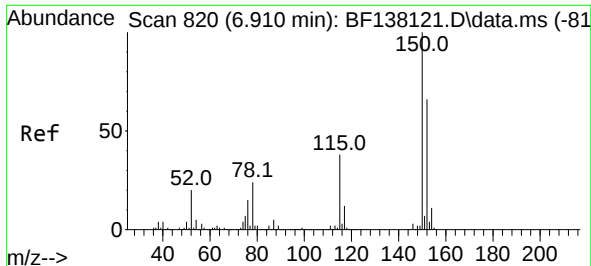
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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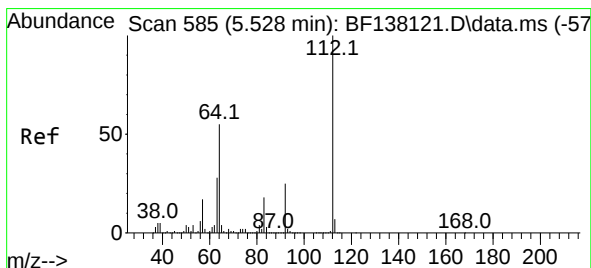
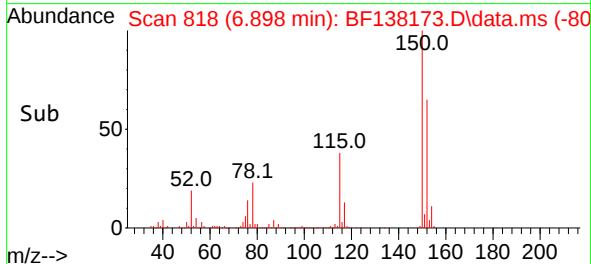
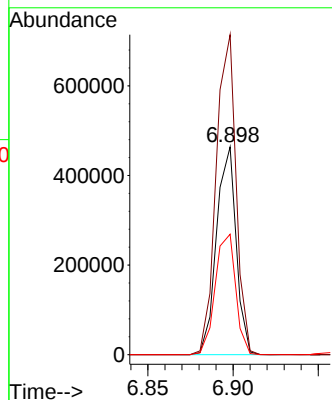
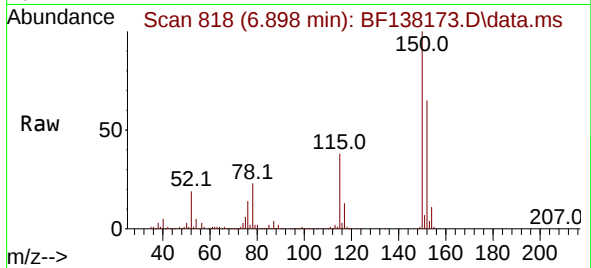




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

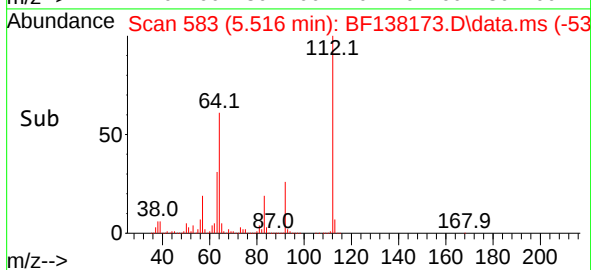
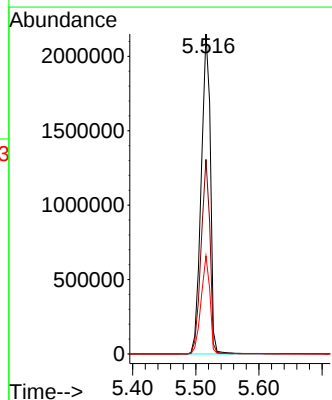
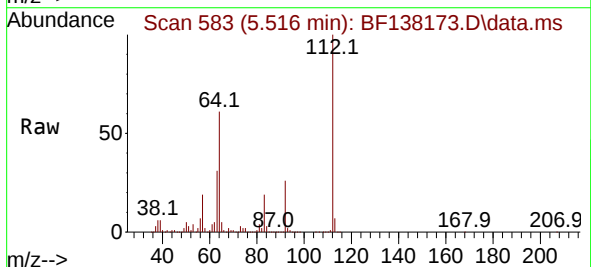
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

Tgt Ion:152 Resp: 371647
Ion Ratio Lower Upper
152 100
150 153.9 121.8 182.6
115 57.9 46.2 69.2



#5
2-Fluorophenol
Concen: 99.796 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:112 Resp: 2176272
Ion Ratio Lower Upper
112 100
64 60.8 44.0 66.0
63 30.6 22.1 33.1



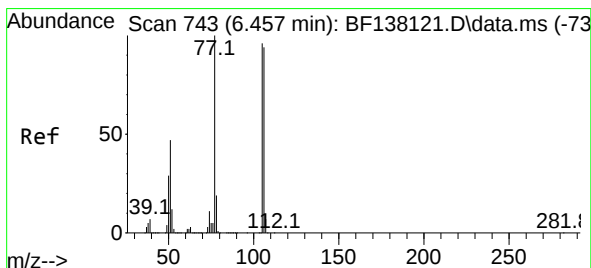
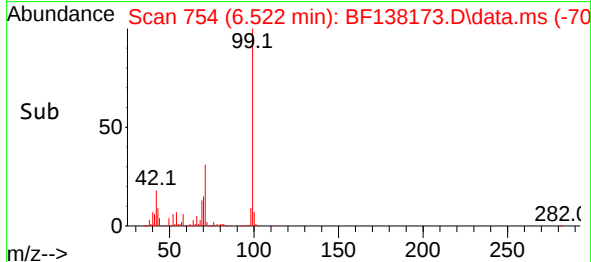
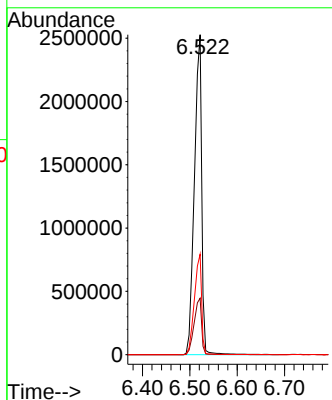
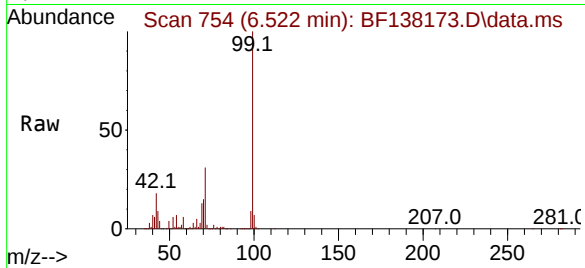


#7
Phenol-d6
Concen: 98.398 ng
RT: 6.522 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

Tgt Ion: 99 Resp: 2714912

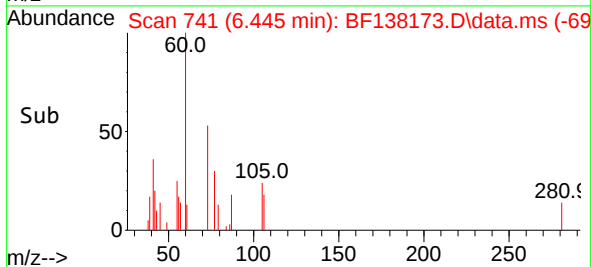
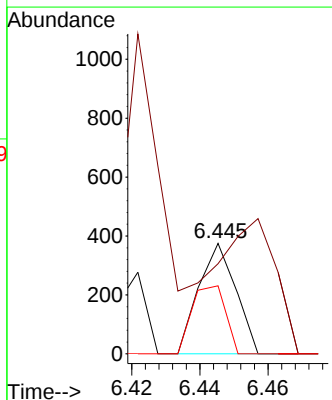
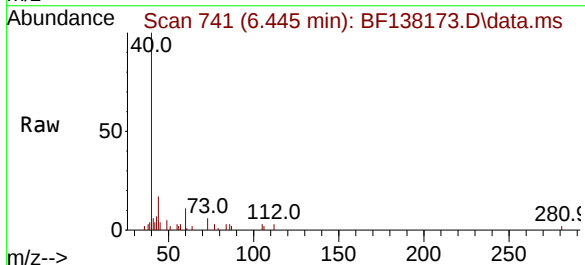
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.4	21.6
71	31.4	25.5	38.3

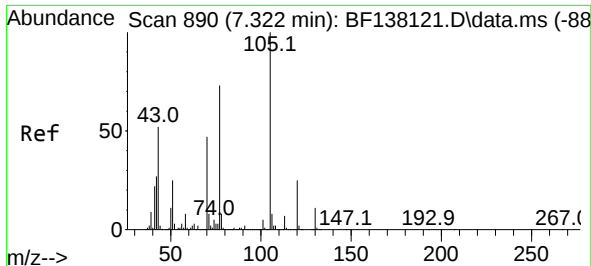


#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion: 77 Resp: 282

Ion	Ratio	Lower	Upper
77	100		
105	81.6	75.8	115.8
106	61.6	73.9	113.9

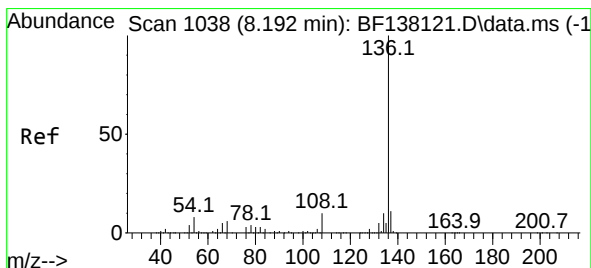
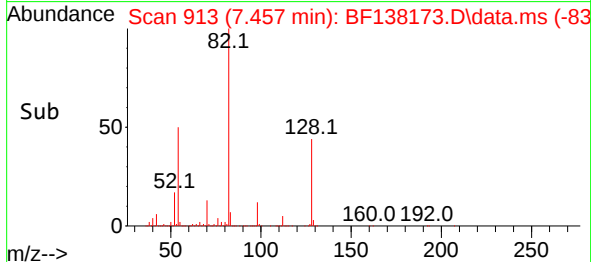
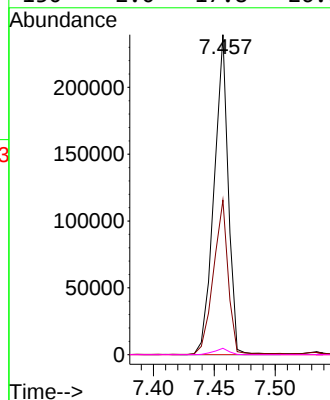
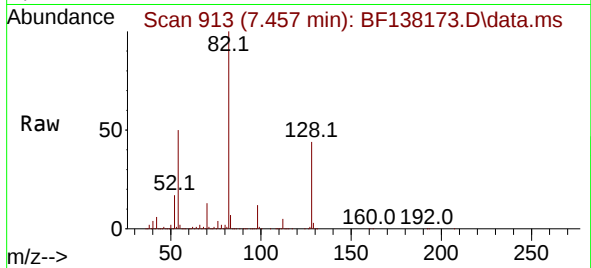




#19
n-Nitroso-di-n-propylamine
Concen: 11.082 ng
RT: 7.457 min Scan# 91
Delta R.T. 0.135 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

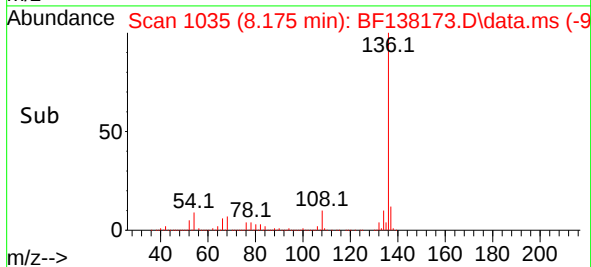
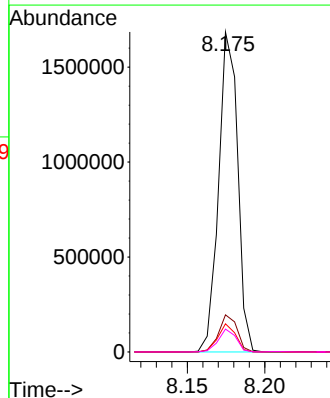
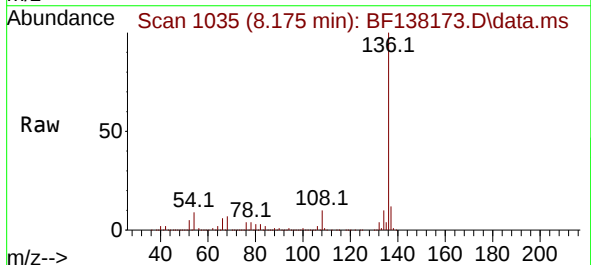
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

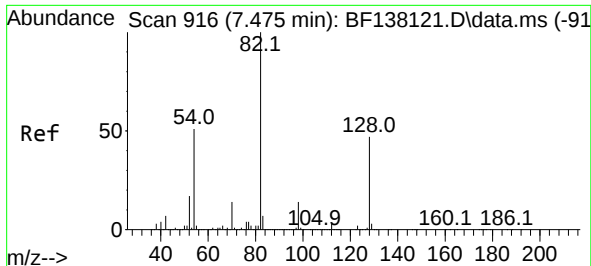
Tgt Ion: 70 Resp: 194969
Ion Ratio Lower Upper
70 100
42 48.3 46.3 69.5
101 0.0 7.7 11.5#
130 2.0 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.018 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:136 Resp: 1441250
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.8 6.2 9.2
68 7.1 5.2 7.8

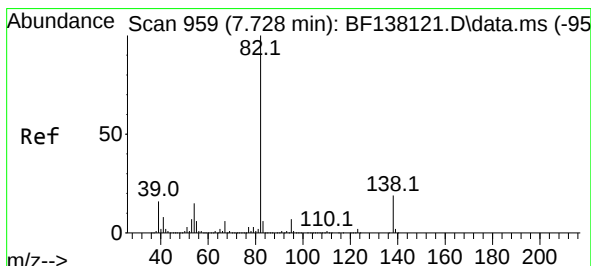
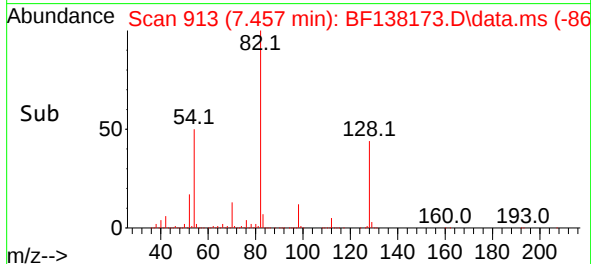
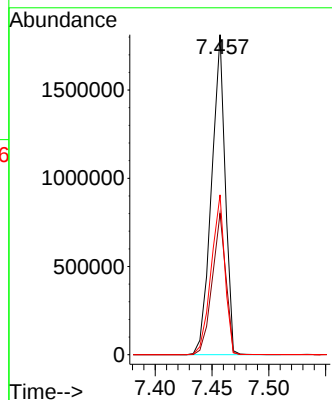
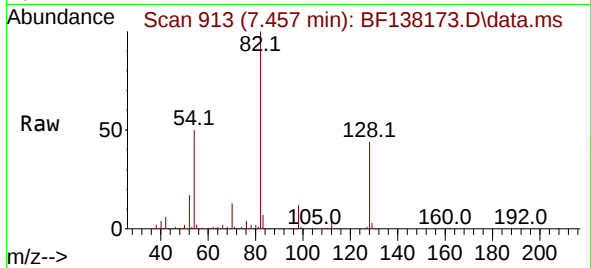




#23
Nitrobenzene-d5
Concen: 71.453 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.018 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

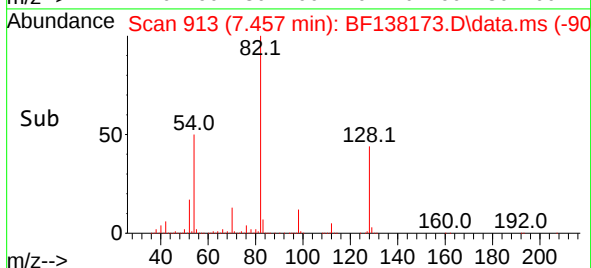
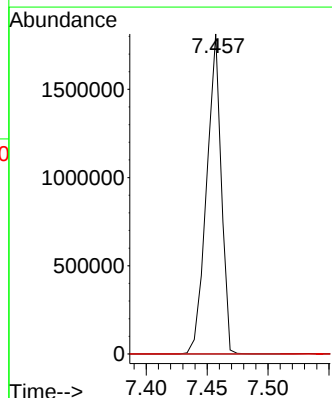
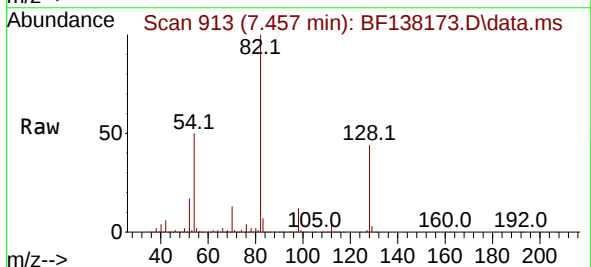
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

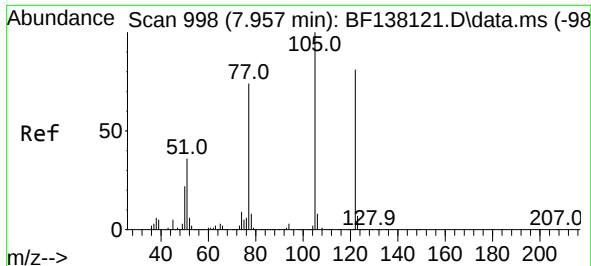
Tgt Ion: 82 Resp: 1513604
Ion Ratio Lower Upper
82 100
128 44.2 37.7 56.5
54 50.0 40.8 61.2



#25
Isophorone
Concen: 32.433 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.271 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

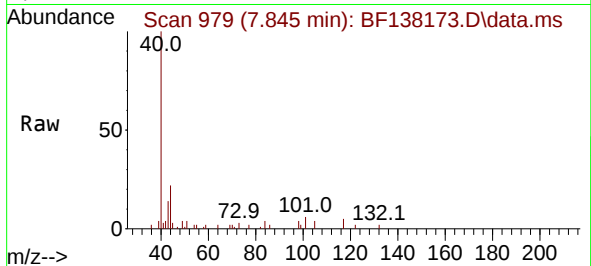
Tgt Ion: 82 Resp: 1513563
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#



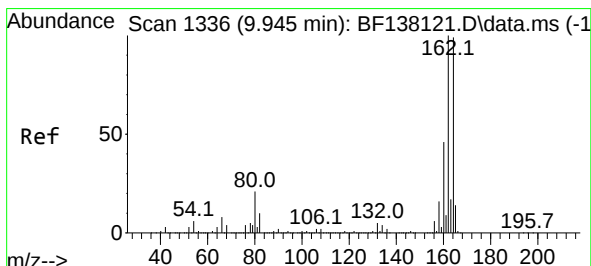
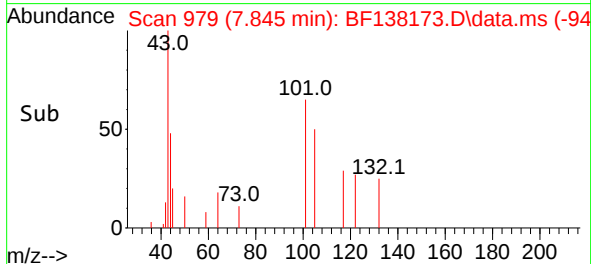
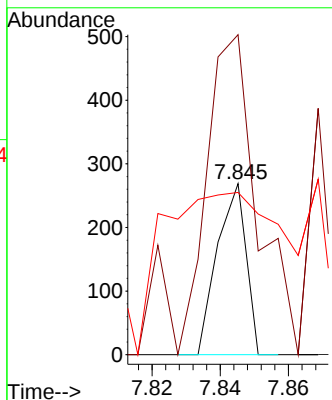


#32
Benzoic acid
Concen: 7.948 ng
RT: 7.845 min Scan# 91
Delta R.T. -0.112 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

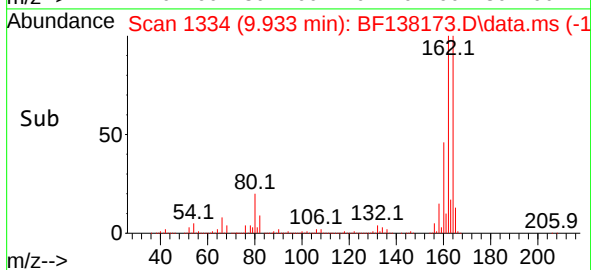
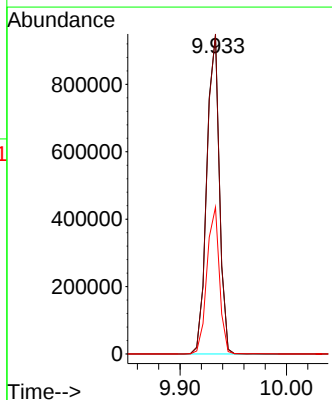
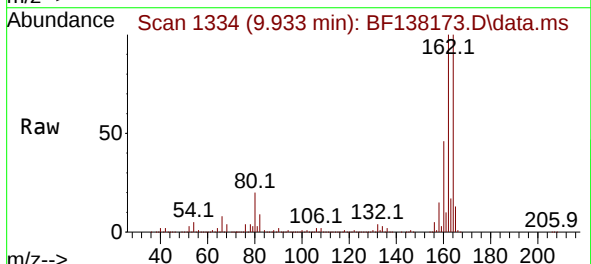


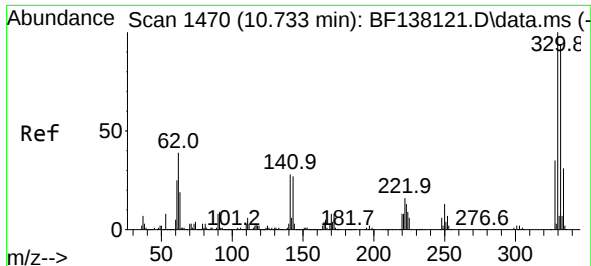
Tgt Ion:122 Resp: 157
Ion Ratio Lower Upper
122 100
105 187.0 102.8 142.8#
77 94.8 71.2 111.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:164 Resp: 777841
Ion Ratio Lower Upper
164 100
162 100.4 80.9 121.3
160 46.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 77.407 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.011 min

Lab File: BF138173.D

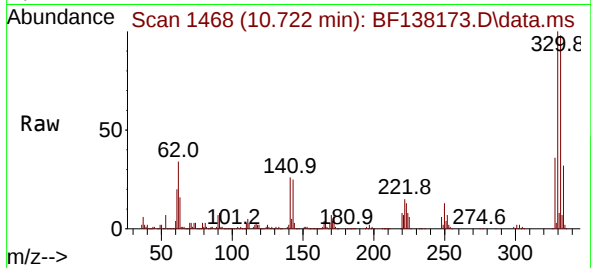
Acq: 10 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

WC-3-(10-15)-COMP



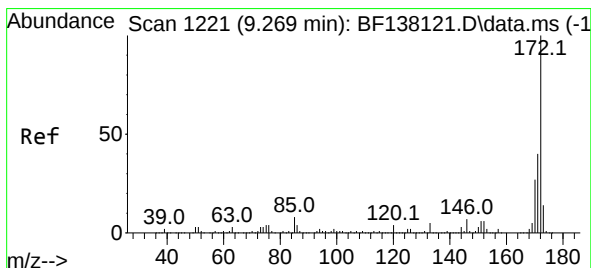
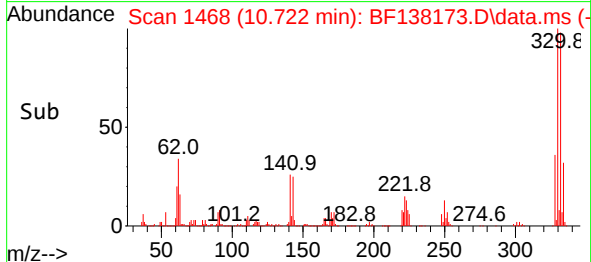
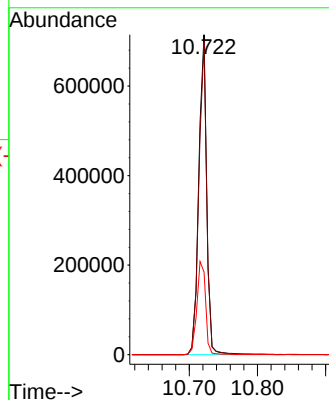
Tgt Ion:330 Resp: 579444

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.8

141 32.0 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 69.753 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF138173.D

Acq: 10 Jun 2024 15:42

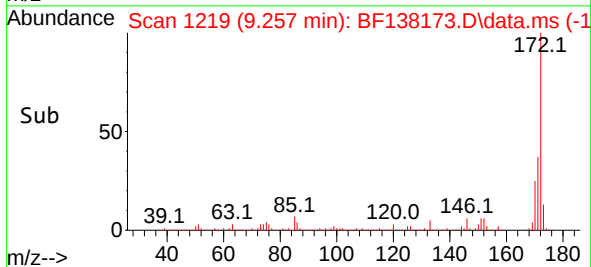
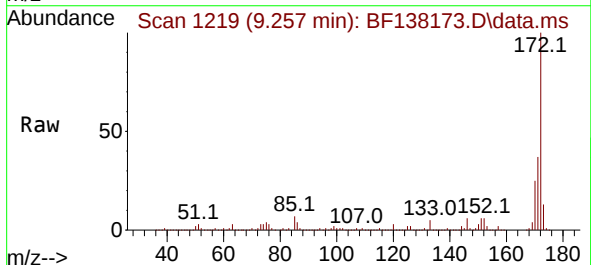
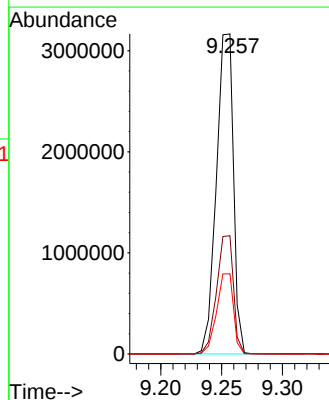
Tgt Ion:172 Resp: 3102991

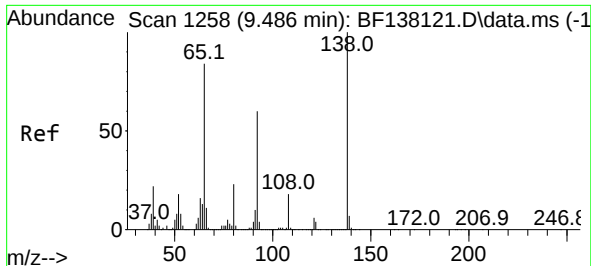
Ion Ratio Lower Upper

172 100

171 36.9 31.6 47.4

170 25.1 21.4 32.2

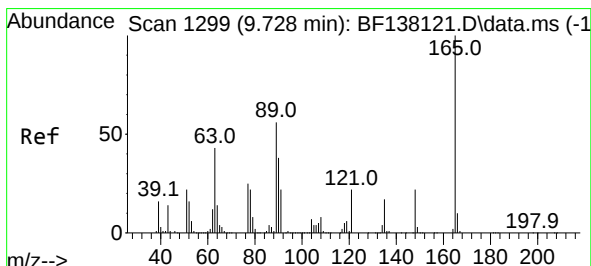
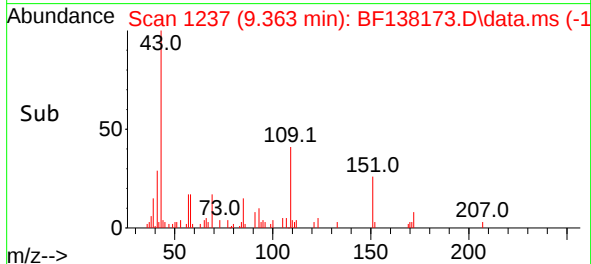
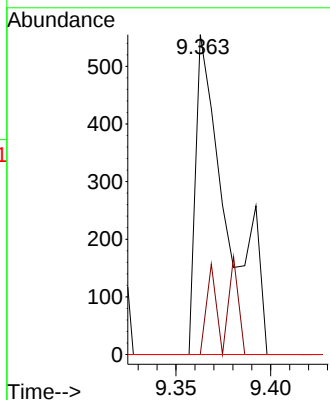
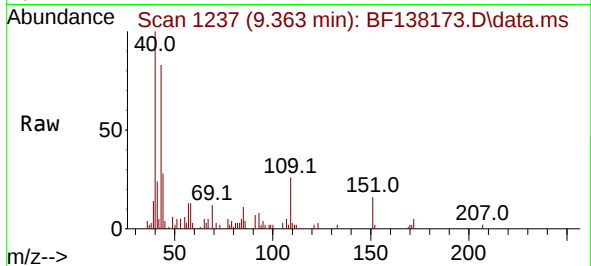




#48
 2-Nitroaniline
 Concen: 4.850 ng
 RT: 9.363 min Scan# 11
 Delta R.T. -0.123 min
 Lab File: BF138173.D
 Acq: 10 Jun 2024 15:42

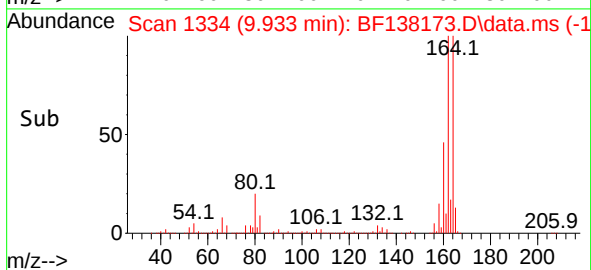
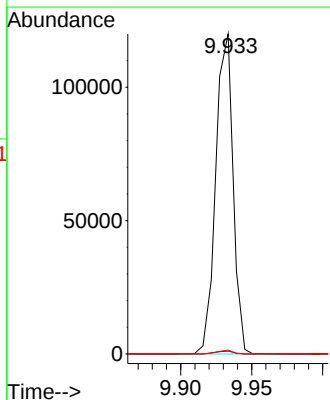
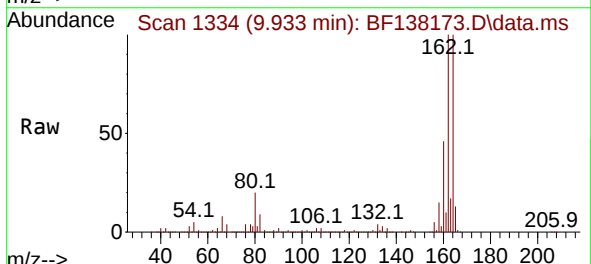
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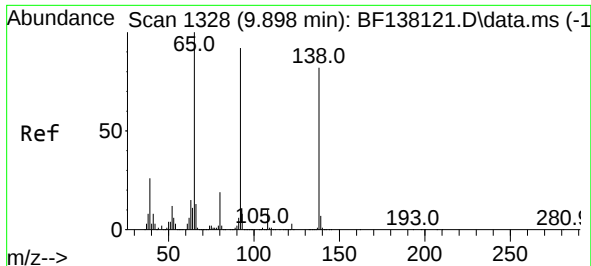
Tgt Ion:	65	Resp:	637
Ion Ratio	Lower	Upper	
65	100		
92	0.0	57.3	85.9#
138	0.0	95.4	143.2#



#51
 2,6-Dinitrotoluene
 Concen: 12.308 ng
 RT: 9.933 min Scan# 1334
 Delta R.T. 0.205 min
 Lab File: BF138173.D
 Acq: 10 Jun 2024 15:42

Tgt Ion:	165	Resp:	101677
Ion Ratio	Lower	Upper	
165	100		
63	0.9	42.9	64.3#
89	1.2	45.0	67.4#

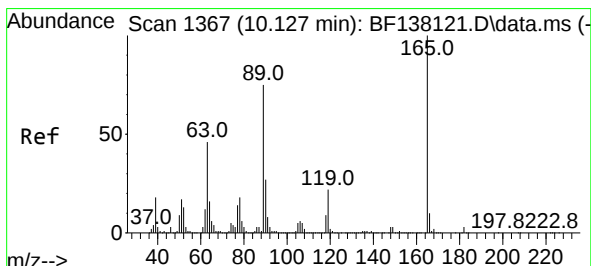
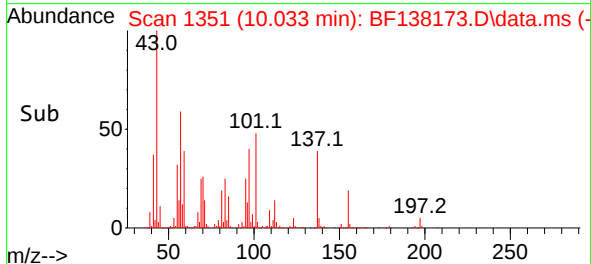
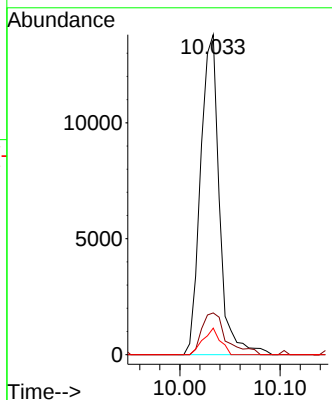
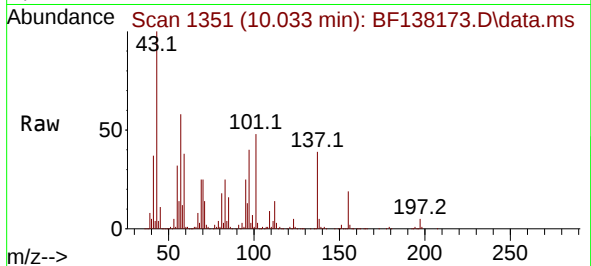




#53
3-Nitroaniline
Concen: 4.542 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

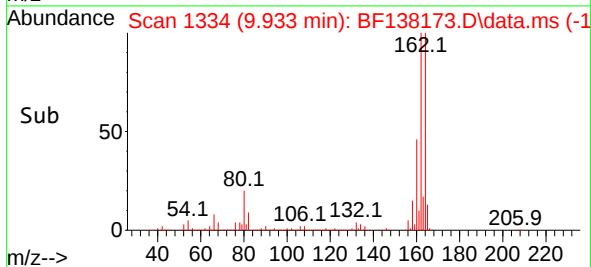
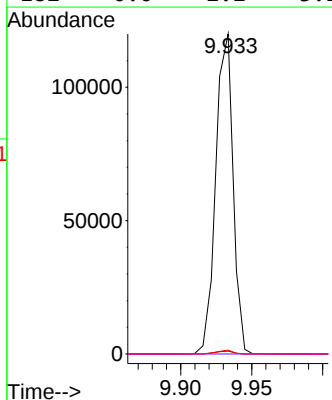
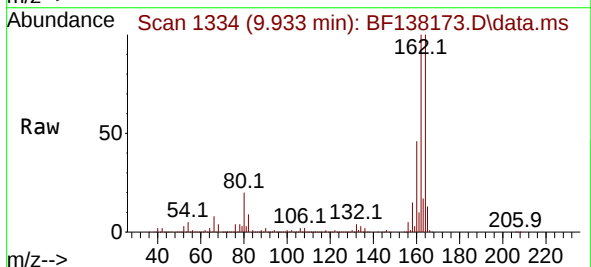
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

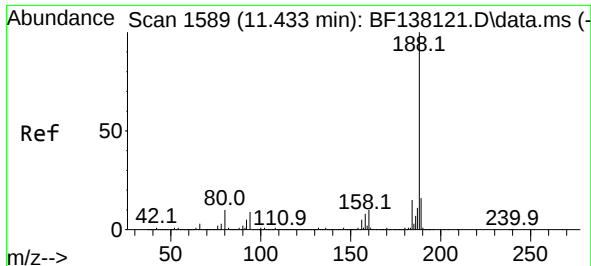
Tgt Ion:138 Resp: 18068
Ion Ratio Lower Upper
138 100
108 13.0 10.3 15.5
92 8.3 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.202 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:165 Resp: 101677
Ion Ratio Lower Upper
165 100
63 0.9 36.8 55.2#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

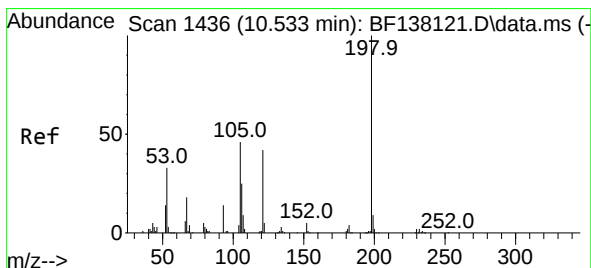
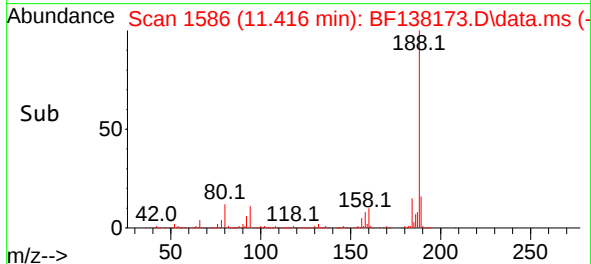
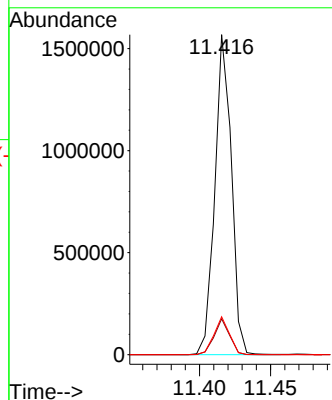
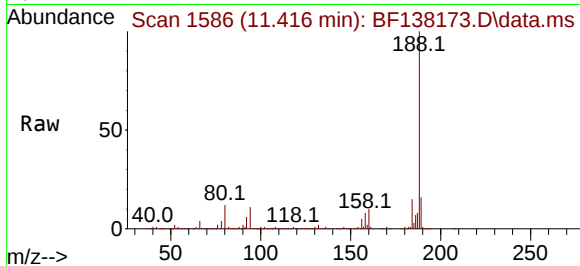




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

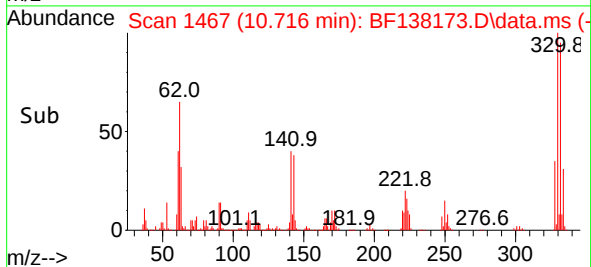
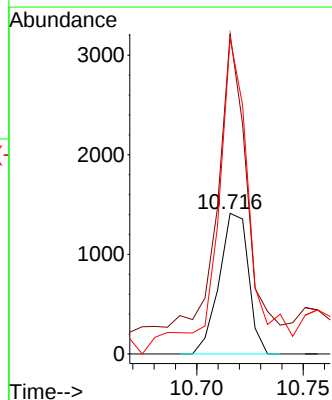
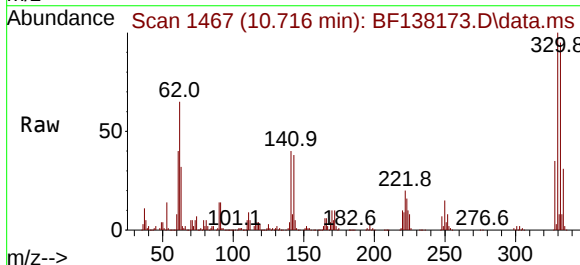
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

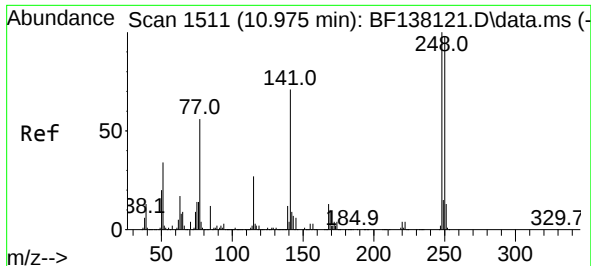
Tgt Ion:188 Resp: 1269823
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 11.8 7.7 11.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.681 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.183 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:198 Resp: 1350
Ion Ratio Lower Upper
198 100
51 227.5 28.2 68.2#
105 224.6 26.8 66.8#

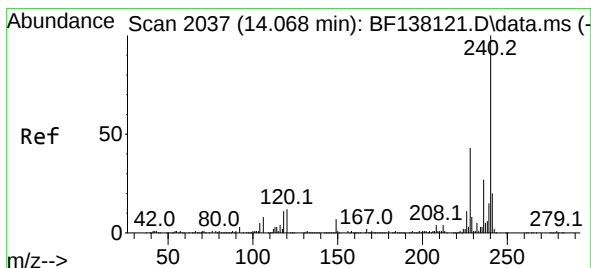
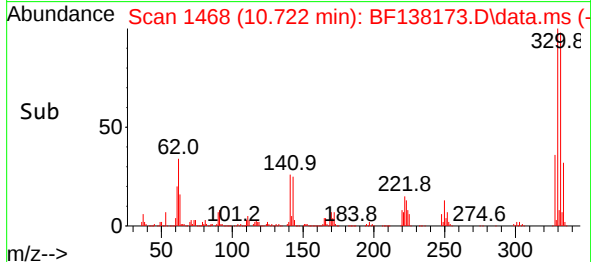
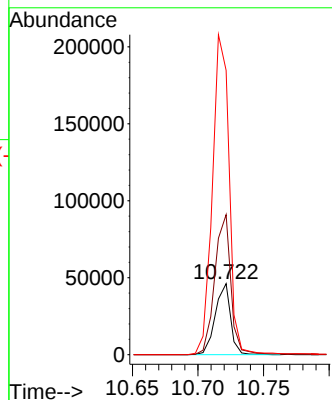
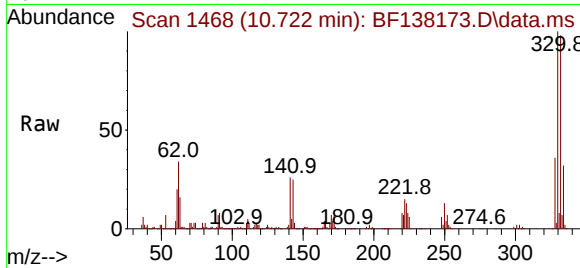




#67
4-Bromophenyl-phenylether
Concen: 2.589 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

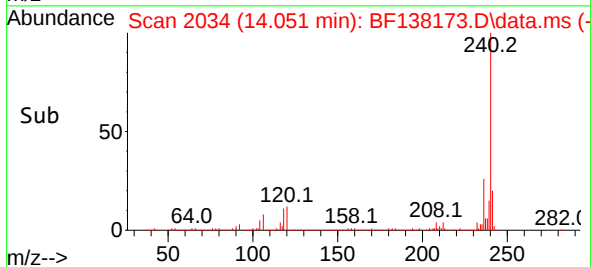
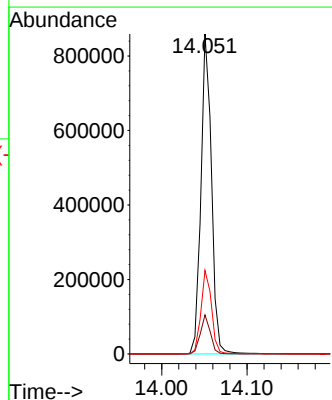
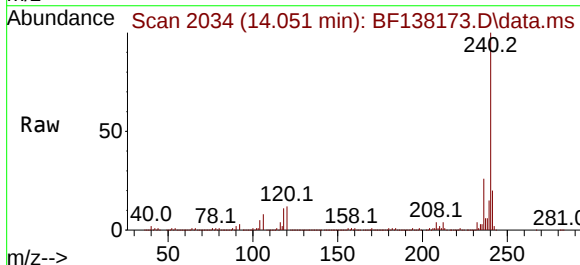
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

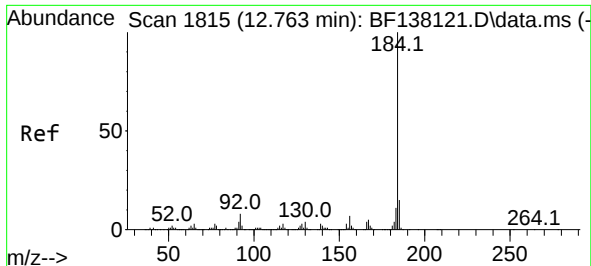
Tgt Ion:248 Resp: 37436
Ion Ratio Lower Upper
248 100
250 197.0 78.7 118.1#
141 400.3 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.017 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:240 Resp: 739877
Ion Ratio Lower Upper
240 100
120 12.2 9.8 14.8
236 26.1 21.2 31.8

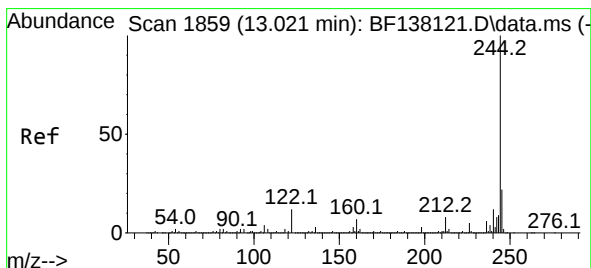
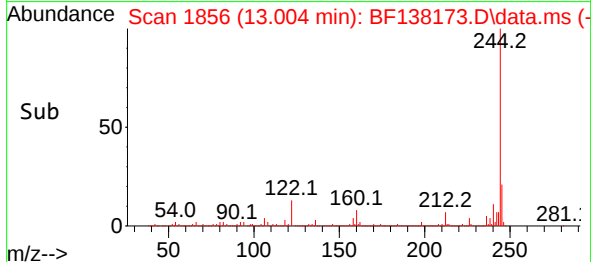
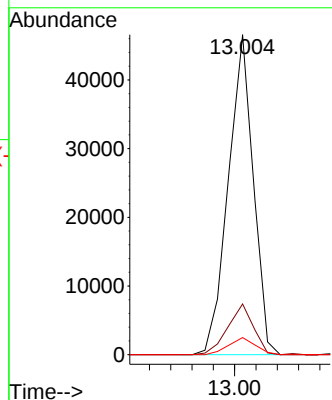
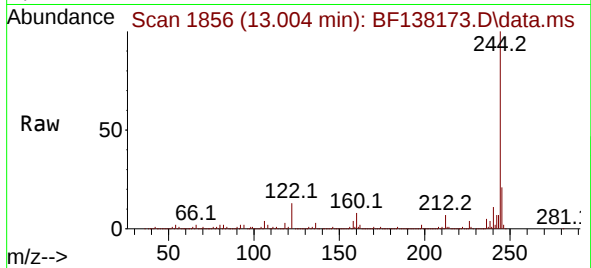




#77
Benzidine
Concen: 4.992 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.241 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

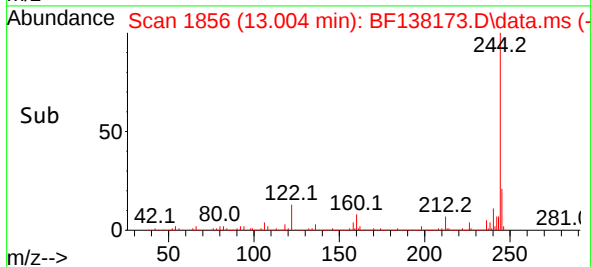
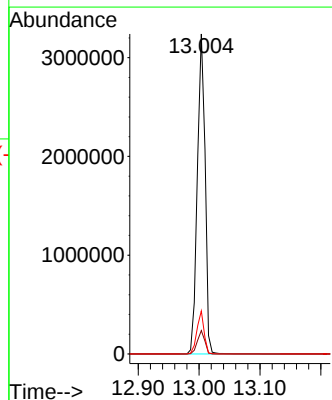
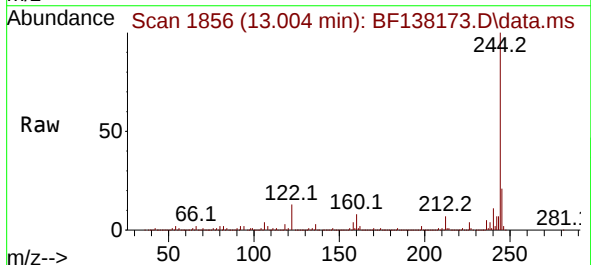
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

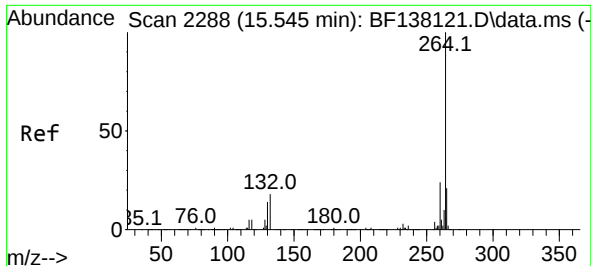
Tgt Ion:184 Resp: 38008
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 5.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 58.034 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.018 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:244 Resp: 2870677
Ion Ratio Lower Upper
244 100
212 7.3 6.4 9.6
122 13.5 9.4 14.2

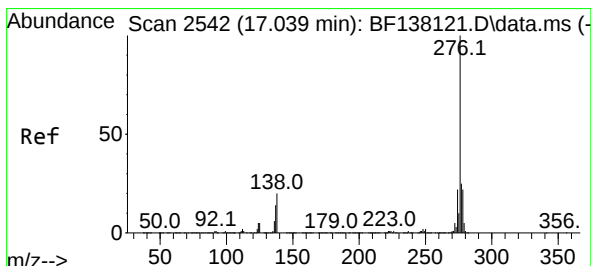
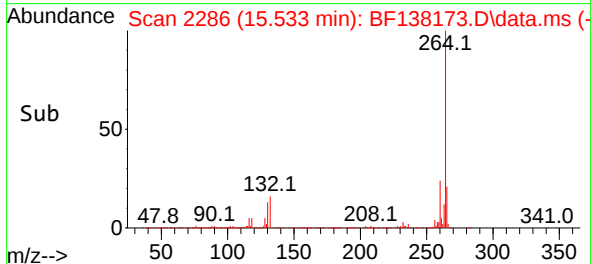
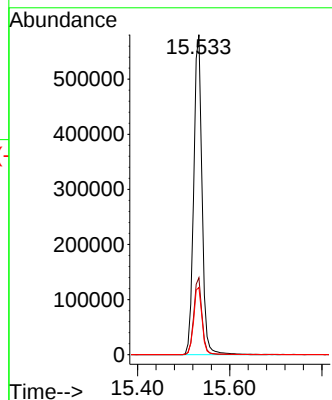
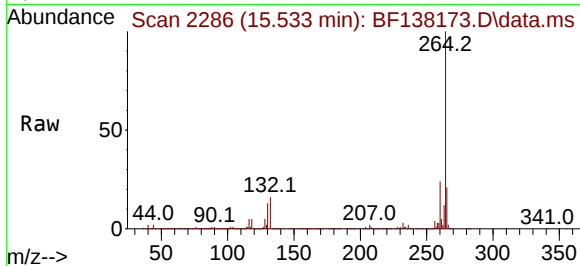




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

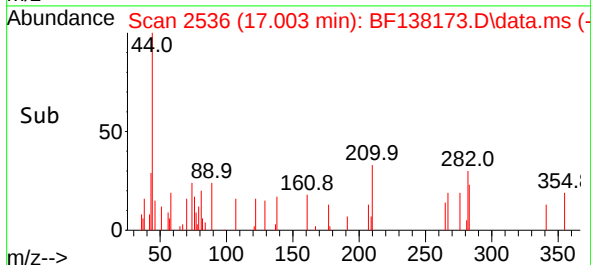
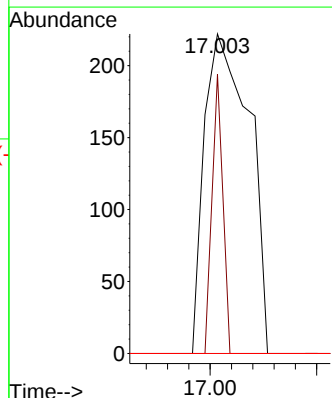
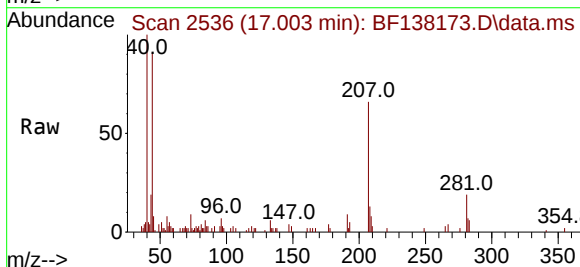
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

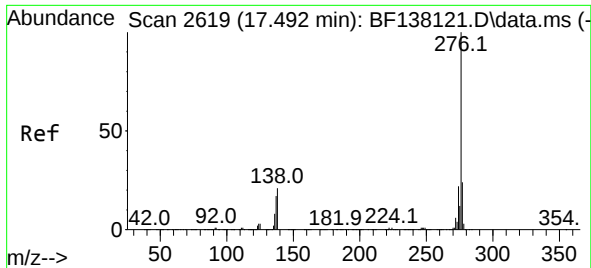
Tgt Ion:264 Resp: 724469
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.0 17.1 25.7



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.490 ng
RT: 17.003 min Scan# 2536
Delta R.T. -0.036 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

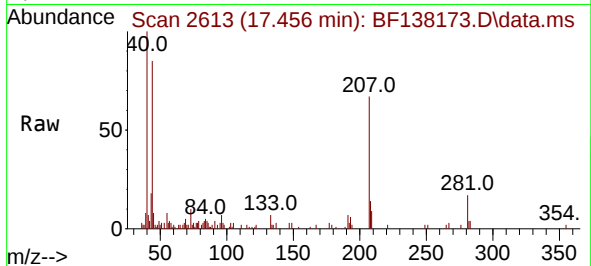
Tgt Ion:276 Resp: 325
Ion Ratio Lower Upper
276 100
138 20.9 18.9 28.3
277 0.0 20.3 30.5#





#92
 Benzo(g,h,i)perylene
 Concen: 2.993 ng
 RT: 17.456 min Scan# 20
 Delta R.T. -0.036 min
 Lab File: BF138173.D
 Acq: 10 Jun 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-3-(10-15)-COMP



Tgt Ion:	276	Resp:	302
Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	0.0	16.5	24.7#

