

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133096.D
 Acq On : 27 Apr 2023 13:18
 Operator : CG\JU
 Sample : 02448-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230336-COMP-14

Quant Time: Apr 28 02:06:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

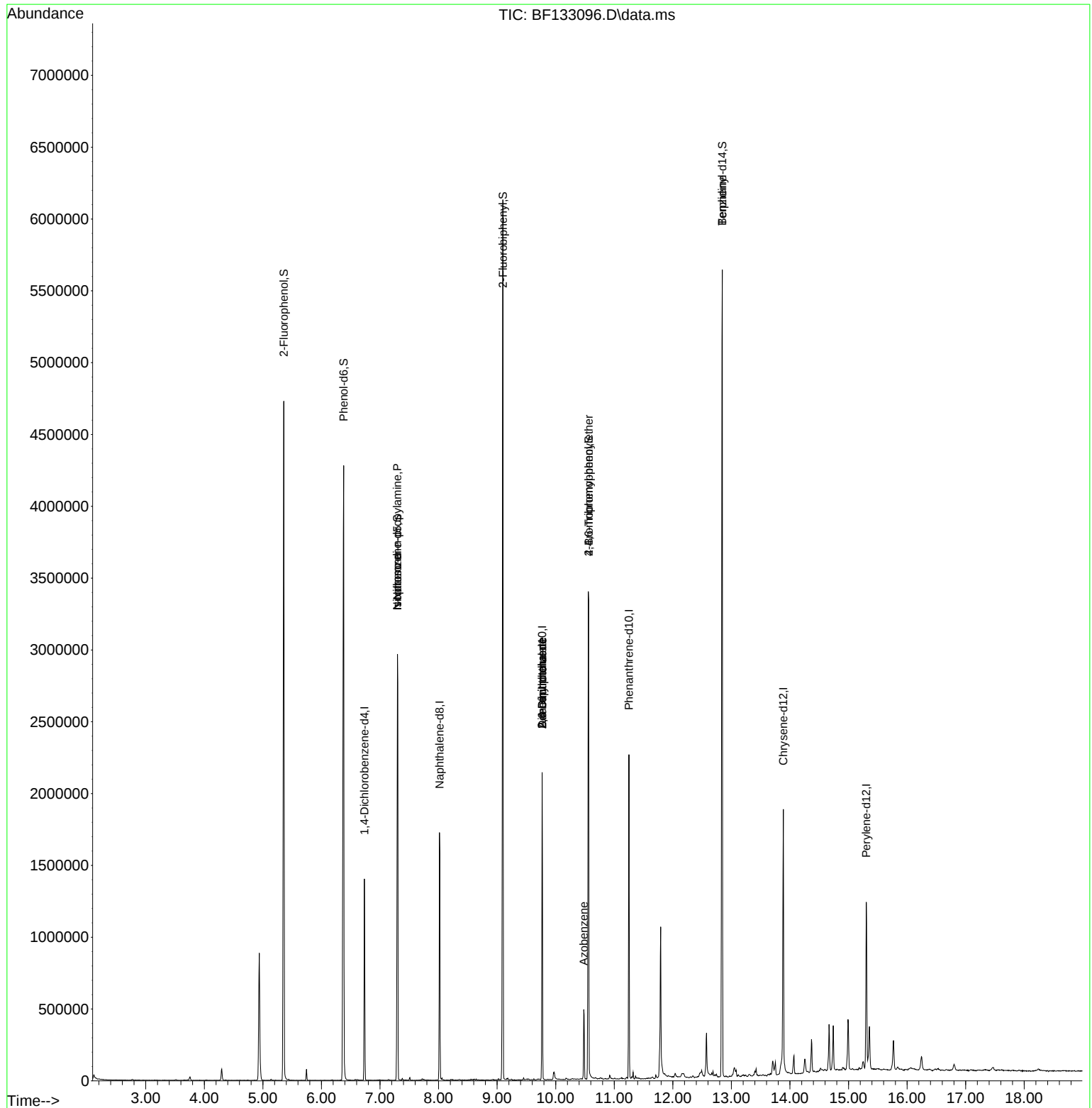
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	185821	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	752539	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	392923	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	721347	20.000	ng	0.00
76) Chrysene-d12	13.886	240	530334	20.000	ng	-0.01
86) Perylene-d12	15.304	264	476705	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1464154	119.027	ng	0.01
7) Phenol-d6	6.381	99	1772560	116.095	ng	0.00
23) Nitrobenzene-d5	7.298	82	1069669	76.723	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	501780	126.982	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1827993	77.833	ng	0.00
79) Terphenyl-d14	12.845	244	2184536	71.042	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	216	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.298	70	142209	14.961	ng	# 75
25) Isophorone	7.298	82	1067810	40.339	ng	# 63
50) Dimethylphthalate	9.769	163	76692	2.799	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	49548	8.035	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	49548	6.301	ng	# 23
63) Azobenzene	10.480	77	81406	2.969	ng	# 1
67) 4-Bromophenyl-phenylether	10.563	248	31284	3.999	ng	# 1
77) Benzidine	12.845	184	23717	2.645	ng	# 95

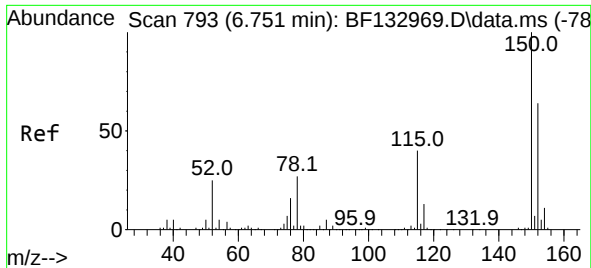
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 28 02:06:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

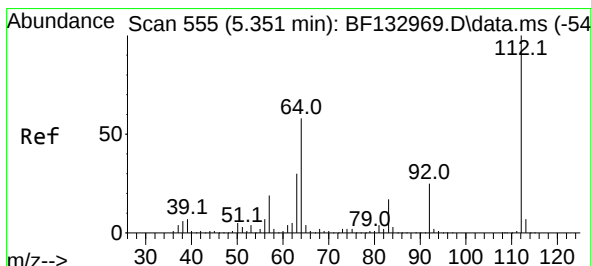
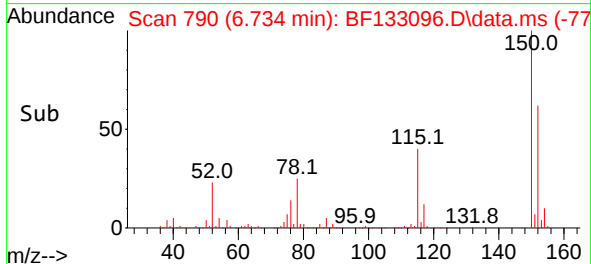
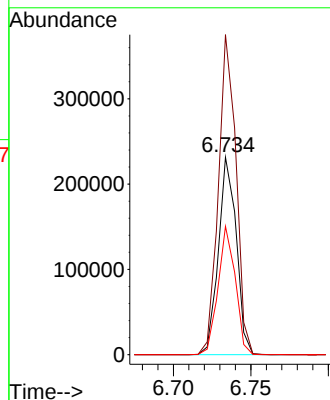
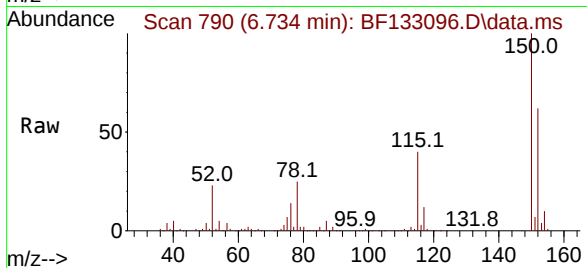




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

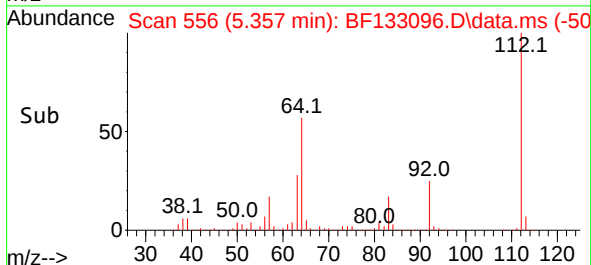
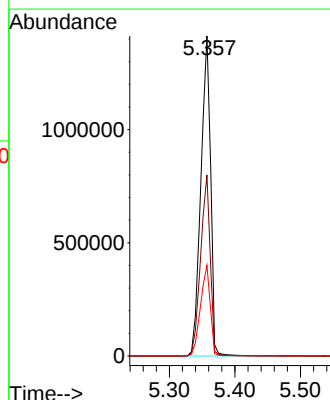
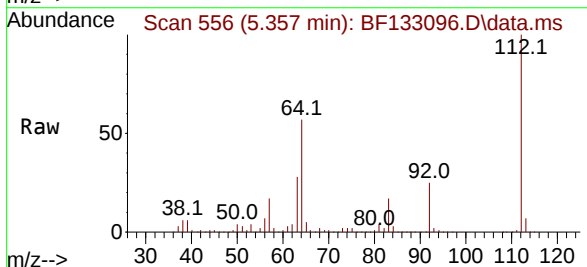
Instrument :
BNA_F
ClientSampleId :
20230336-COMP-14

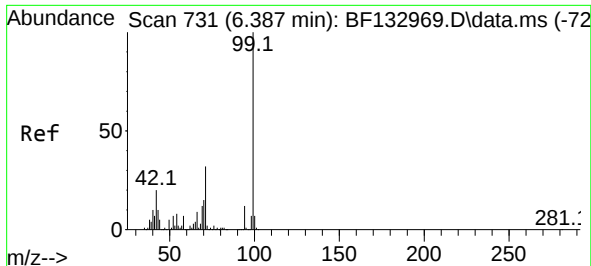
Tgt Ion:152 Resp: 185821
Ion Ratio Lower Upper
152 100
150 162.1 124.8 187.2
115 65.0 49.9 74.9



#5
2-Fluorophenol
Concen: 119.027 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

Tgt Ion:112 Resp: 1464154
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 28.3 23.8 35.8

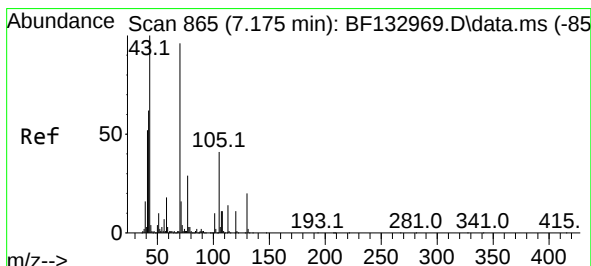
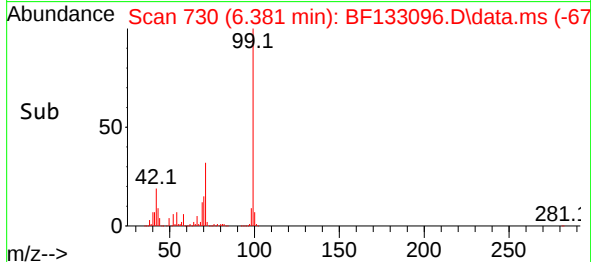
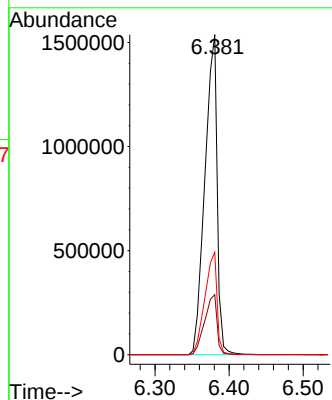
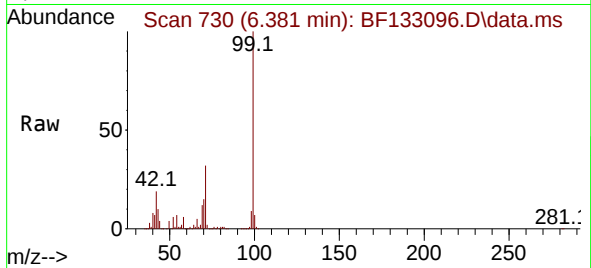




#7
Phenol-d6
Concen: 116.095 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

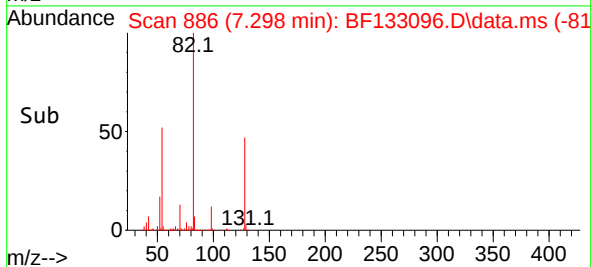
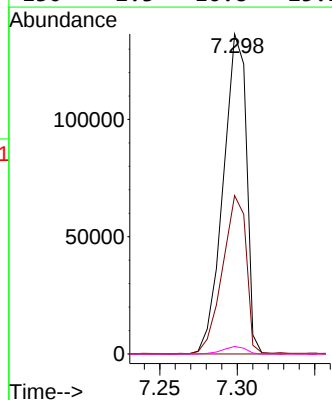
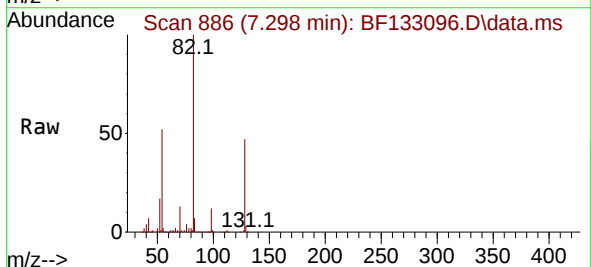
Instrument :
BNA_F
ClientSampleId :
20230336-COMP-14

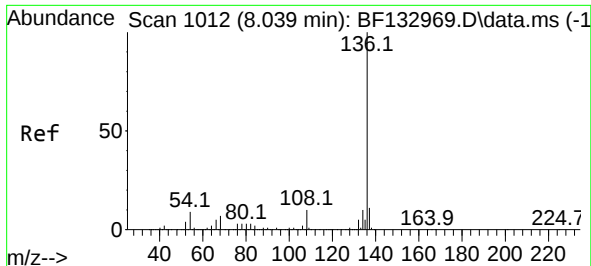
Tgt Ion: 99 Resp: 1772560
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.961 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

Tgt Ion: 70 Resp: 142209
Ion Ratio Lower Upper
70 100
42 49.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

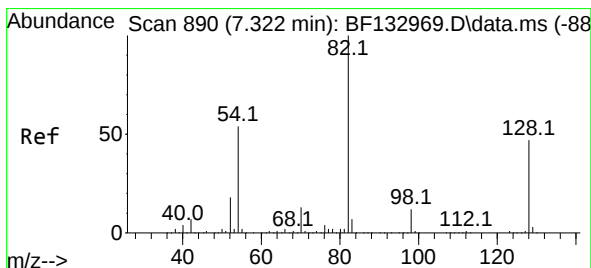
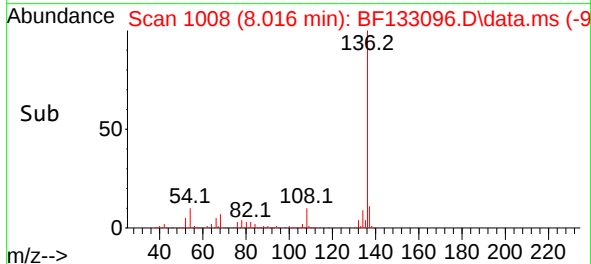
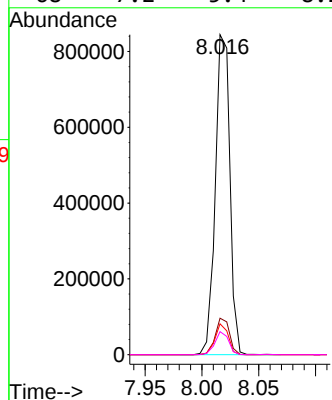
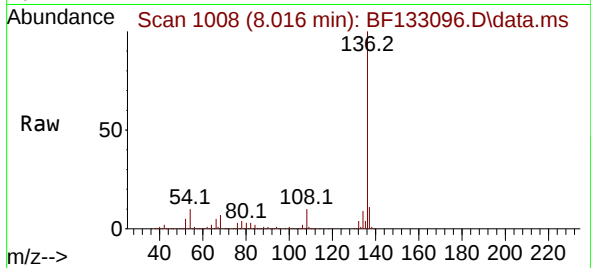




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

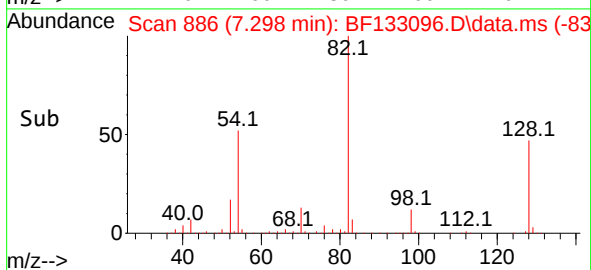
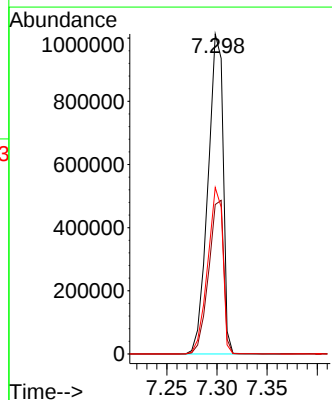
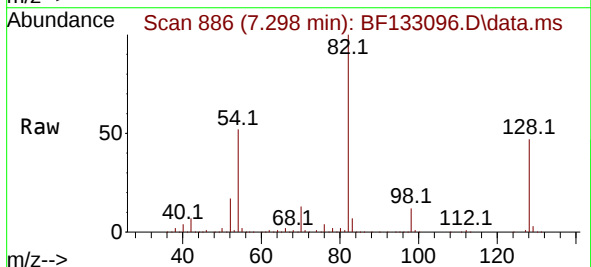
Instrument :
BNA_F
ClientSampleId :
20230336-COMP-14

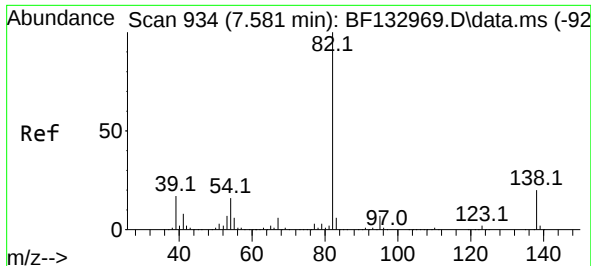
Tgt Ion:136	Resp: 752539
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 13.0
54 9.7	7.0 10.4
68 7.2	5.4 8.2



#23
Nitrobenzene-d5
Concen: 76.723 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

Tgt Ion: 82		Resp: 1069669	
Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.7	56.5
54	52.0	43.0	64.4

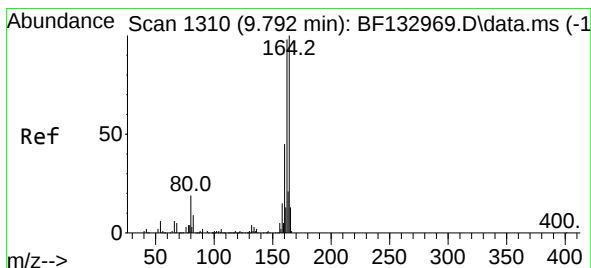
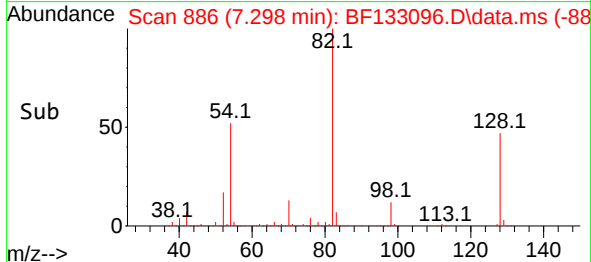
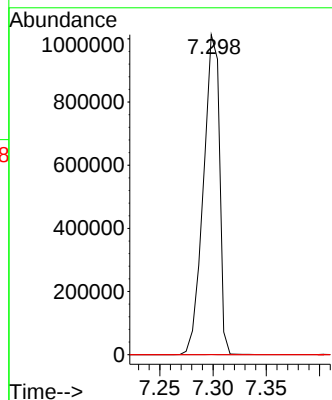
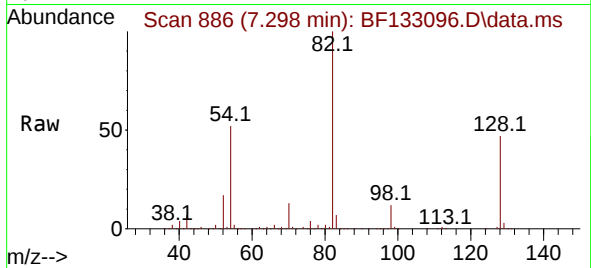




#25
Isophorone
Concen: 40.339 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

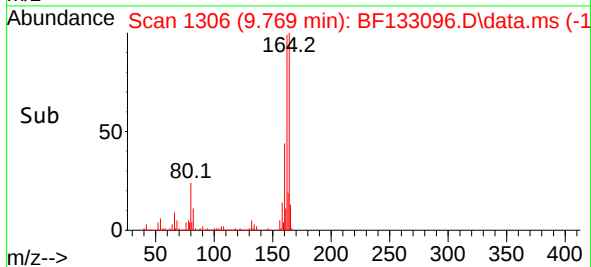
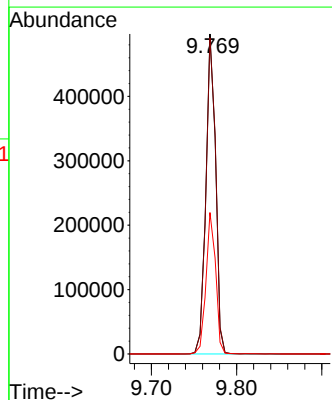
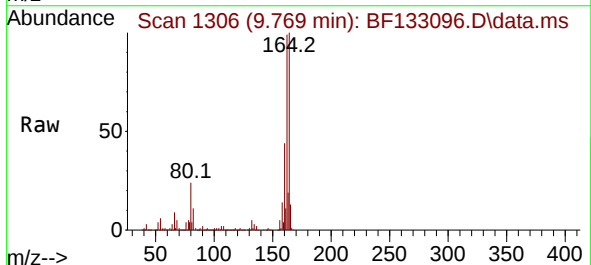
Instrument :
BNA_F
ClientSampleId :
20230336-COMP-14

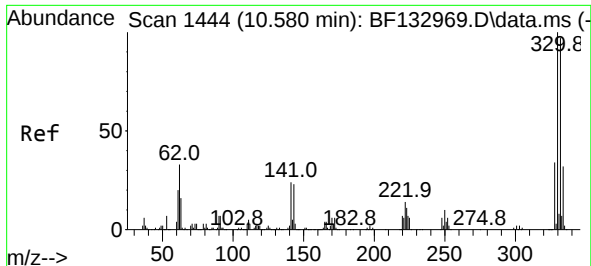
Tgt Ion: 82 Resp: 1067810
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

Tgt Ion:164 Resp: 392923
Ion Ratio Lower Upper
164 100
162 98.9 78.7 118.1
160 44.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 126.982 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133096.D

Acq: 27 Apr 2023 13:18

Instrument :

BNA_F

ClientSampleId :

20230336-COMP-14

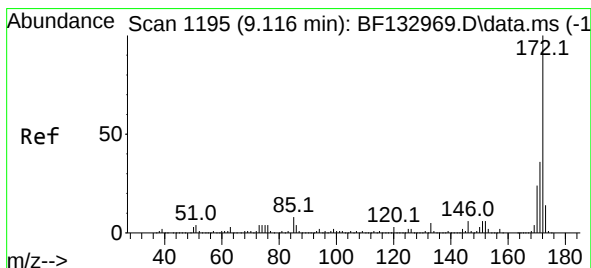
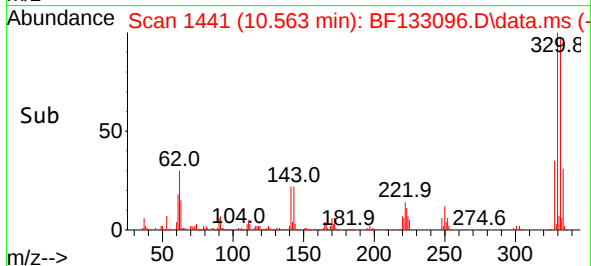
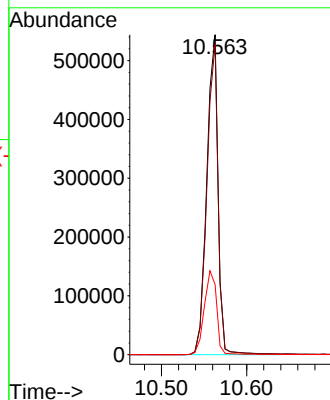
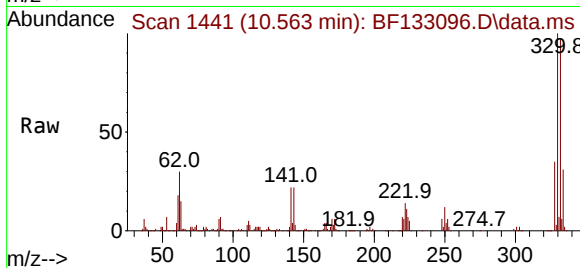
Tgt Ion:330 Resp: 501780

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 28.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 77.833 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133096.D

Acq: 27 Apr 2023 13:18

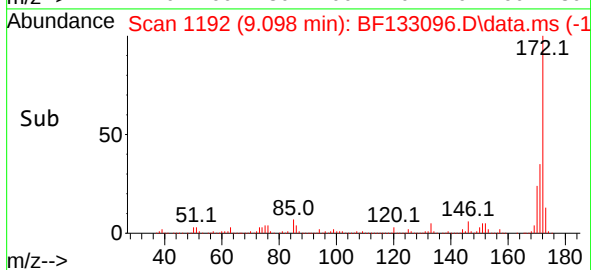
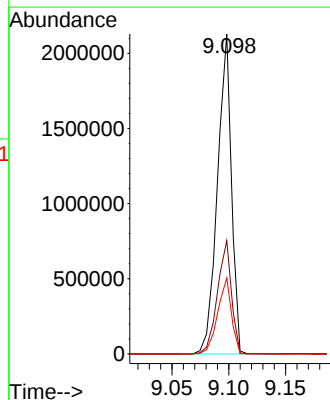
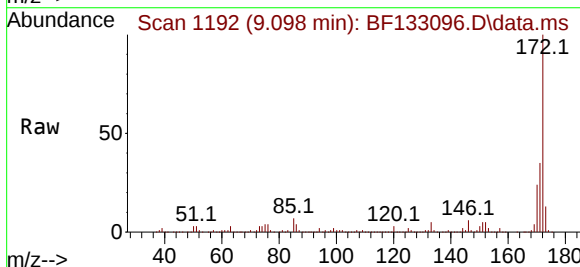
Tgt Ion:172 Resp: 1827993

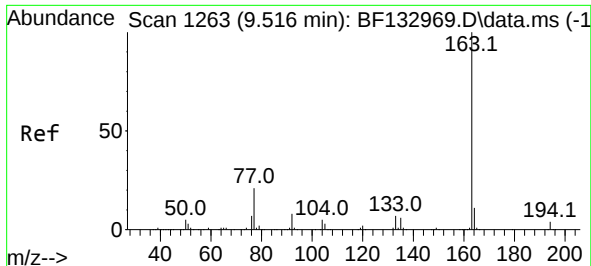
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 19.4 29.2

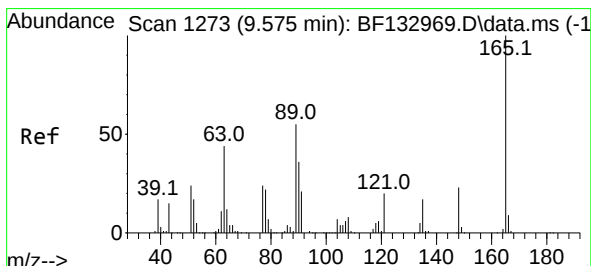
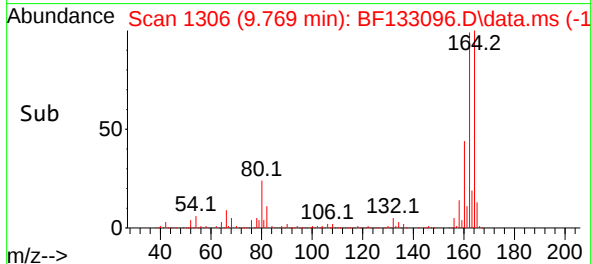
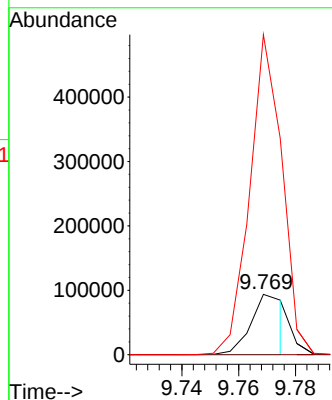
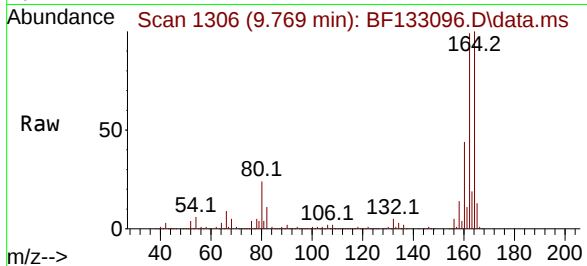




#50
Dimethylphthalate
Concen: 2.799 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.265 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

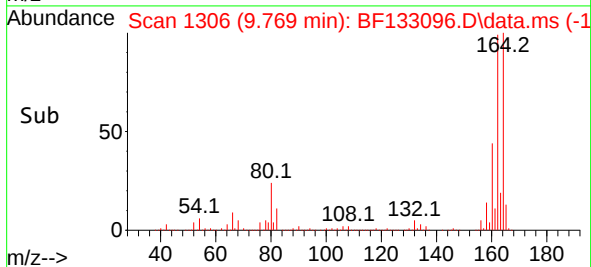
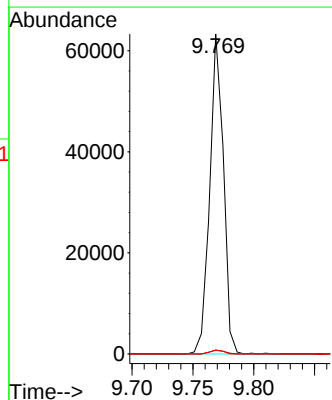
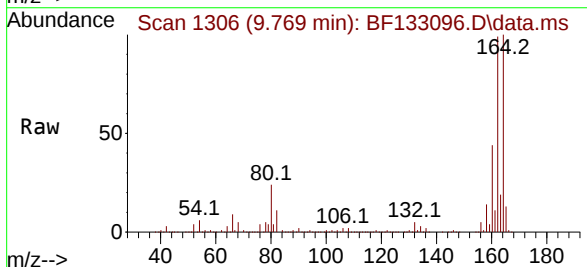
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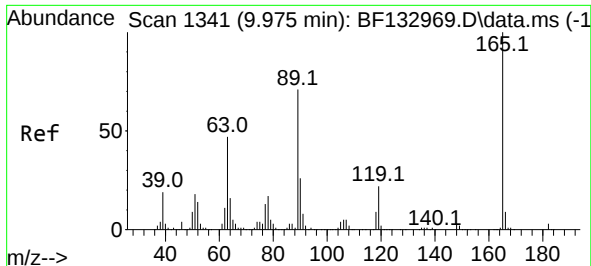
Tgt Ion:163 Resp: 76692
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 530.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.035 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

Tgt Ion:165 Resp: 49548
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.2 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.301 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133096.D

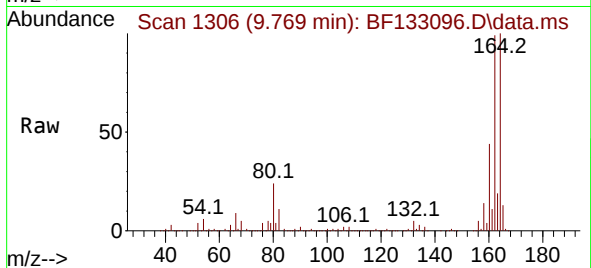
Acq: 27 Apr 2023 13:18

Instrument :

BNA_F

ClientSampleId :

20230336-COMP-14



Tgt Ion:165 Resp: 49548

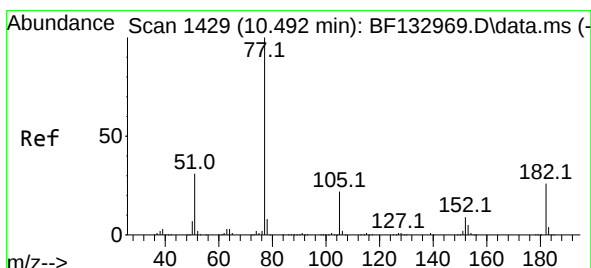
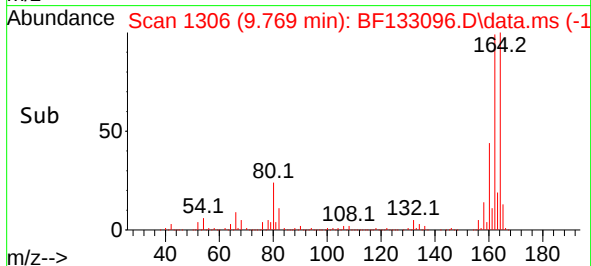
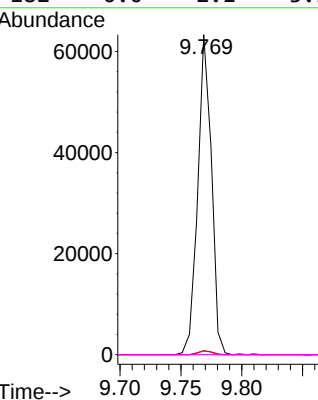
Ion Ratio Lower Upper

165 100

63 1.2 37.7 56.5#

89 1.2 57.0 85.4#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 2.969 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF133096.D

Acq: 27 Apr 2023 13:18

Tgt Ion: 77 Resp: 81406

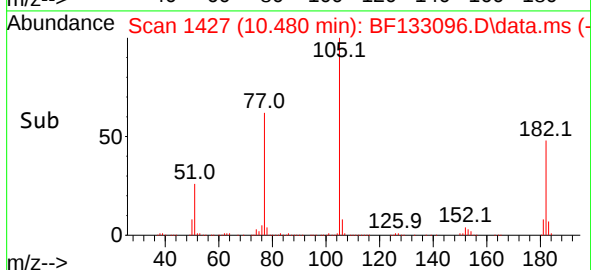
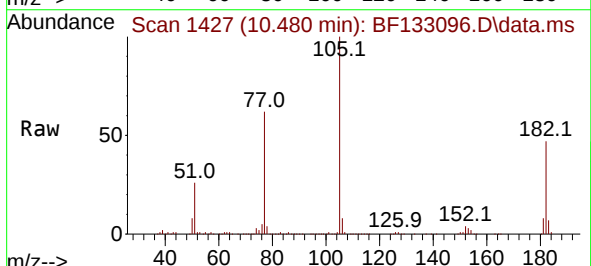
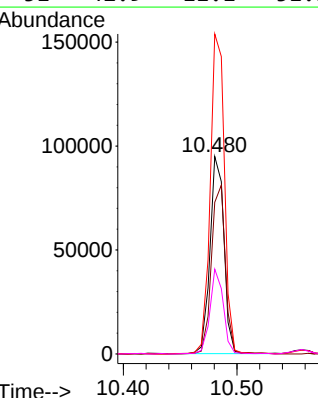
Ion Ratio Lower Upper

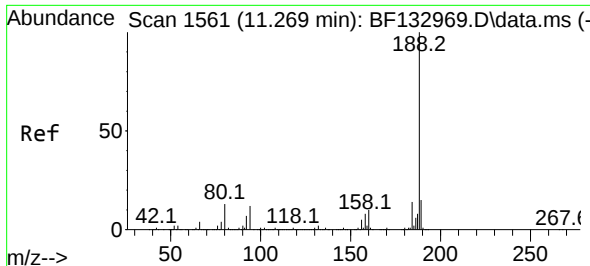
77 100

182 76.8 5.9 45.9#

105 162.0 2.3 42.3#

51 42.9 11.1 51.1

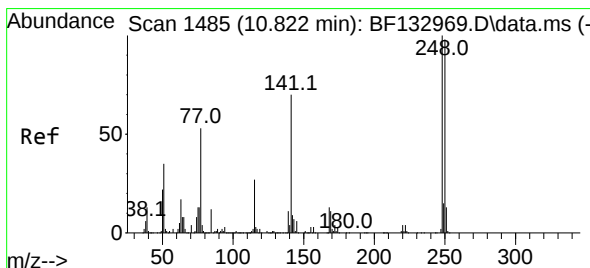
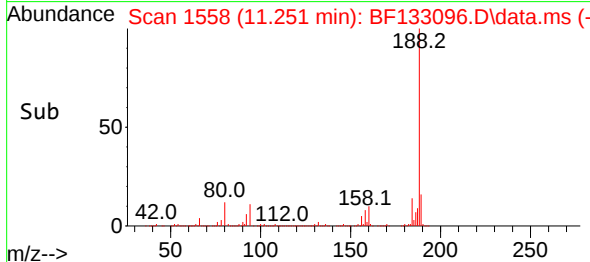
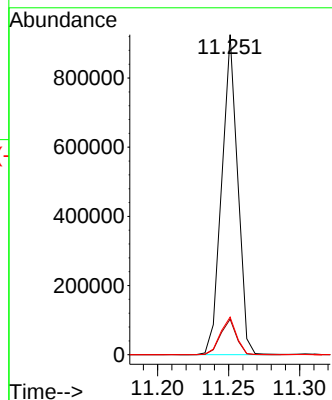
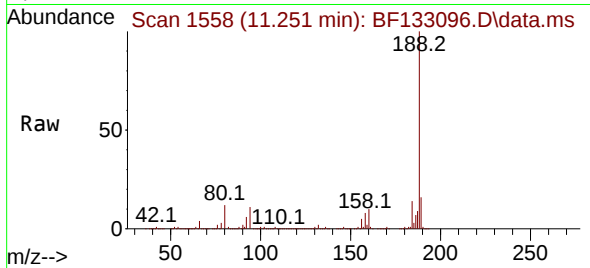




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

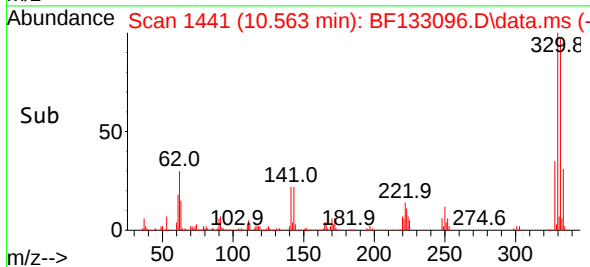
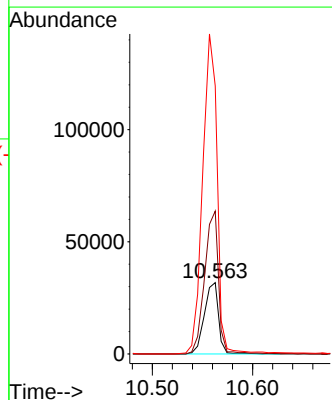
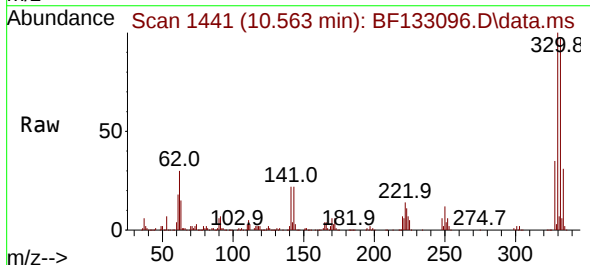
Instrument :
BNA_F
ClientSampleId :
20230336-COMP-14

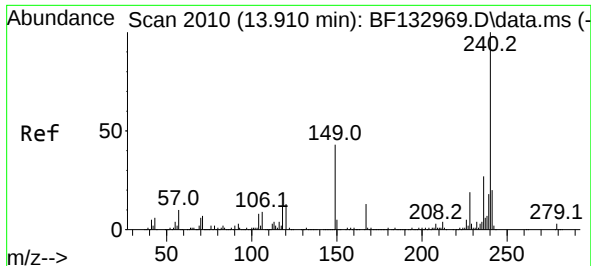
Tgt Ion:188 Resp: 721347
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.7 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.999 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

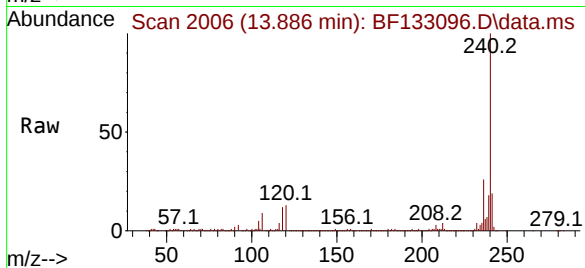
Tgt Ion:248 Resp: 31284
Ion Ratio Lower Upper
248 100
250 200.2 78.7 118.1#
141 375.4 56.3 84.5#



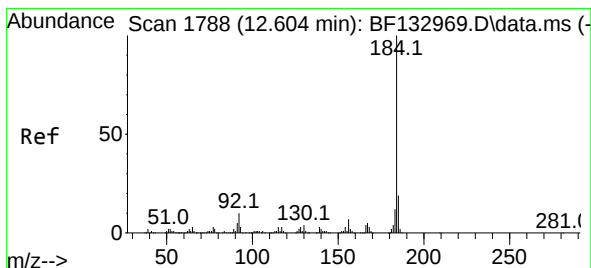
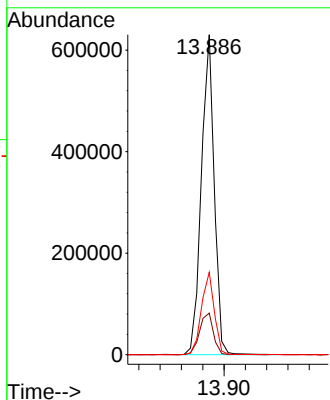
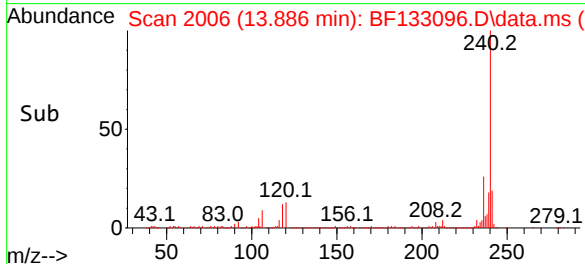


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

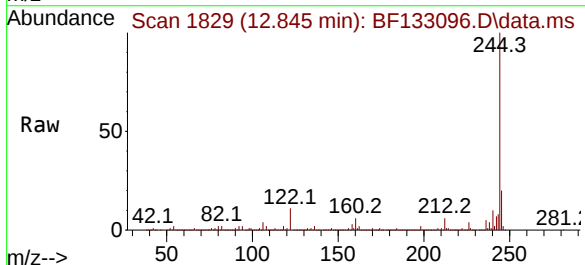
Instrument :
BNA_F
ClientSampleId :
20230336-COMP-14



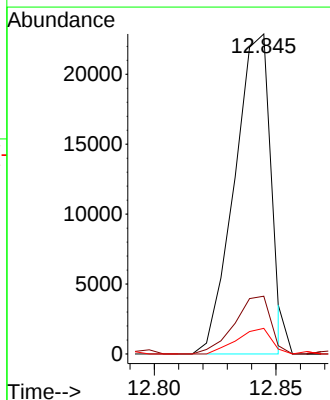
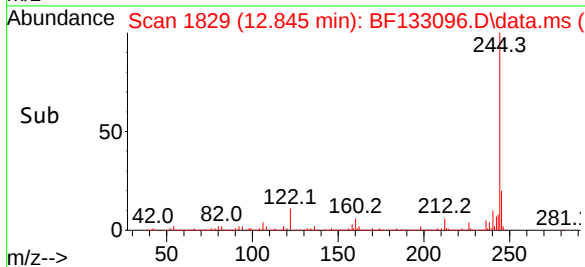
Tgt Ion:240 Resp: 530334
Ion Ratio Lower Upper
240 100
120 13.0 10.5 15.7
236 25.8 21.5 32.3

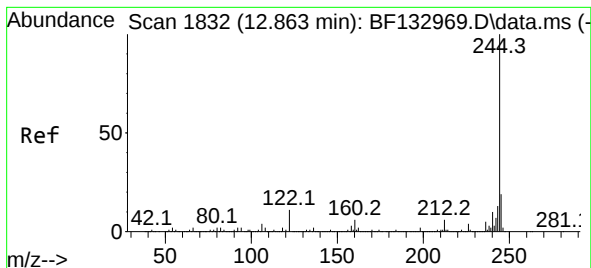


#77
Benzidine
Concen: 2.645 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.259 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18



Tgt Ion:184 Resp: 23717
Ion Ratio Lower Upper
184 100
185 18.0 15.4 23.2
183 8.0 9.4 14.0#





#79

Terphenyl-d14

Concen: 71.042 ng

RT: 12.845 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133096.D

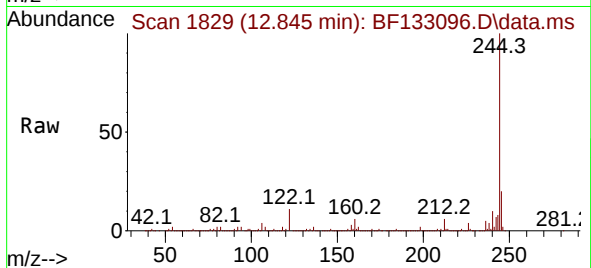
Acq: 27 Apr 2023 13:18

Instrument :

BNA_F

ClientSampleId :

20230336-COMP-14



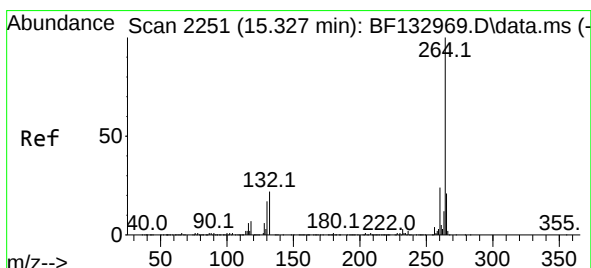
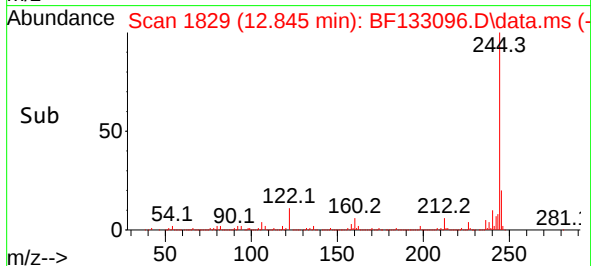
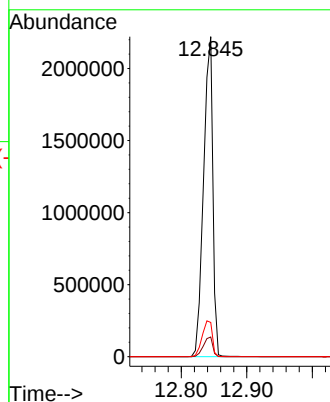
Tgt Ion:244 Resp: 2184536

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 10.7 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.012 min

Lab File: BF133096.D

Acq: 27 Apr 2023 13:18

Tgt Ion:264 Resp: 476705

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.3 17.0 25.4

