

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133059.D
 Acq On : 26 Apr 2023 11:38
 Operator : CG\JU
 Sample : 02427-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230344-COMP-22

Quant Time: Apr 27 01:53:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

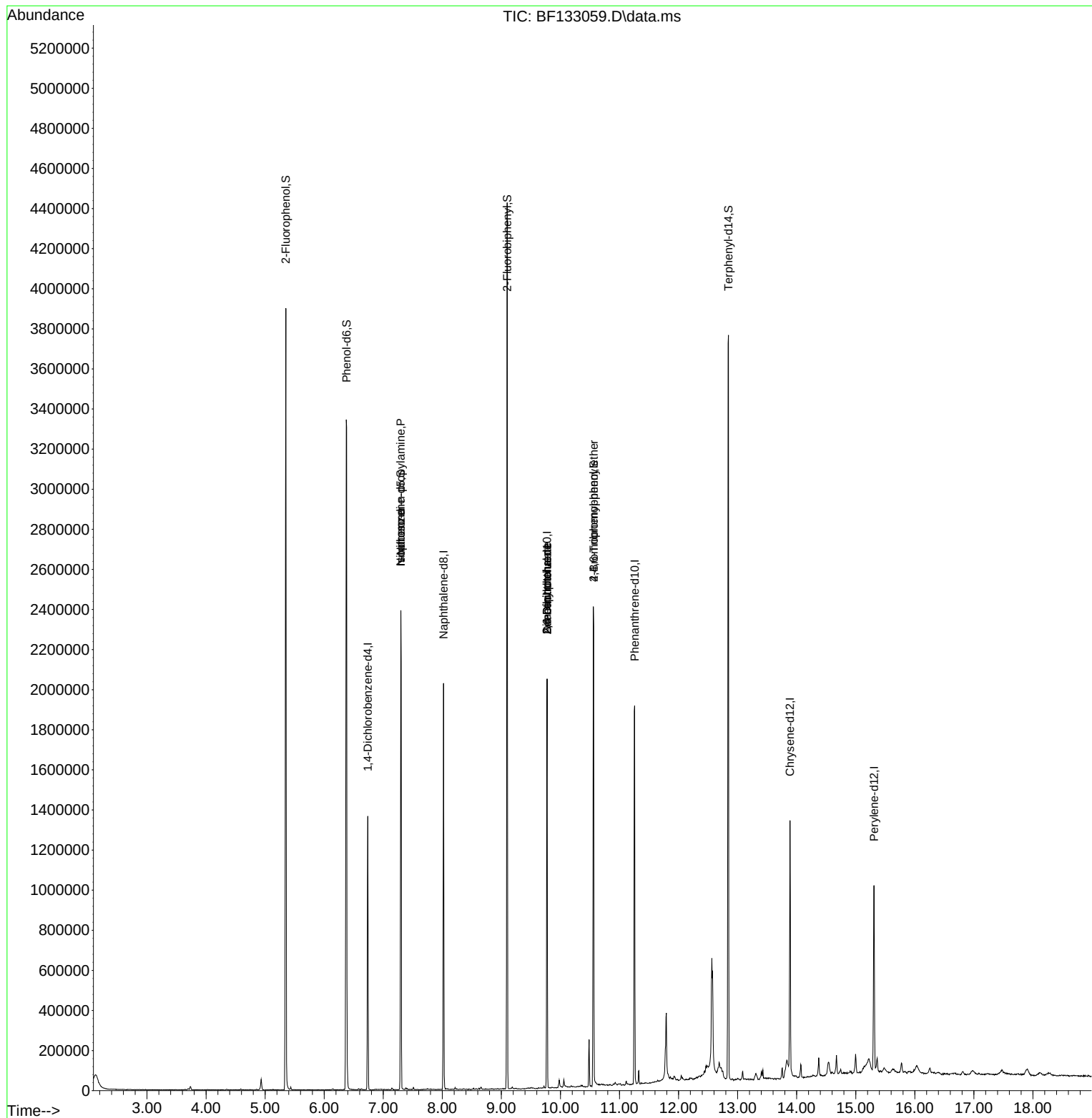
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	185036	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	754559	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	376333	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	710087	20.000	ng	# 0.00
76) Chrysene-d12	13.886	240	390195	20.000	ng	-0.01
86) Perylene-d12	15.309	264	374370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1079441	88.124	ng	0.00
7) Phenol-d6	6.381	99	1321938	86.949	ng	0.00
23) Nitrobenzene-d5	7.298	82	756419	54.110	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	312189	82.486	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1188366	52.829	ng	-0.01
79) Terphenyl-d14	12.845	244	1339366	59.200	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.281	77	583	Below Cal		91
19) n-Nitroso-di-n-propyla...	7.298	70	101284	10.701 ng	#	78
25) Isophorone	7.298	82	754014	28.408 ng	#	63
50) Dimethylphthalate	9.774	163	77616	2.958 ng	#	1
51) 2,6-Dinitrotoluene	9.774	165	48045	8.135 ng	#	25
57) 2,4-Dinitrotoluene	9.774	165	48045	6.379 ng	#	23
67) 4-Bromophenyl-phenylether	10.563	248	19283	2.504 ng	#	1

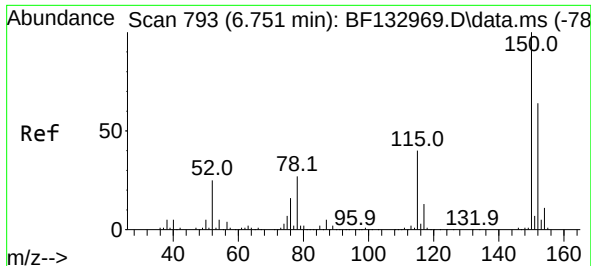
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 27 01:53:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
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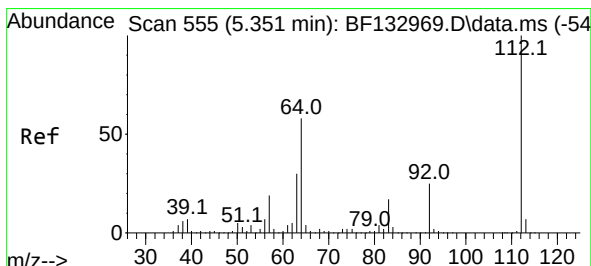
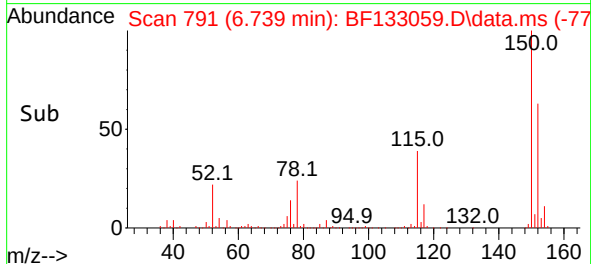
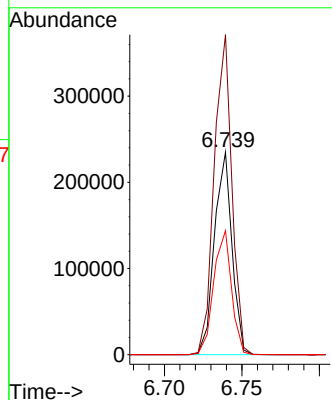
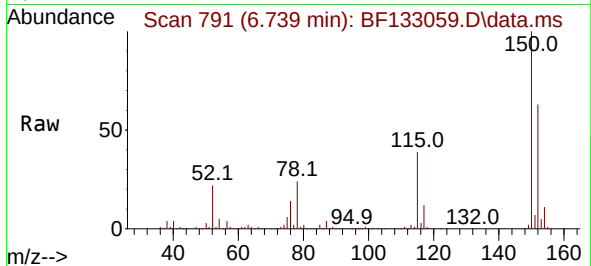




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

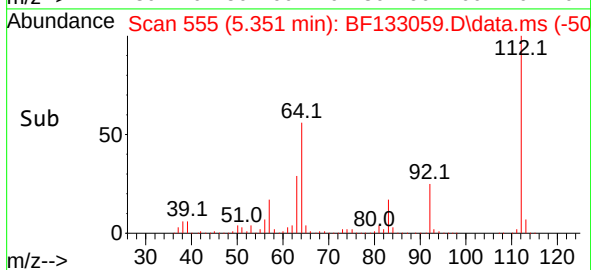
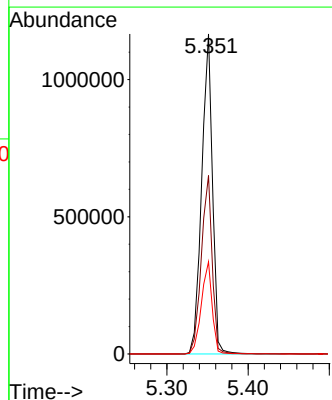
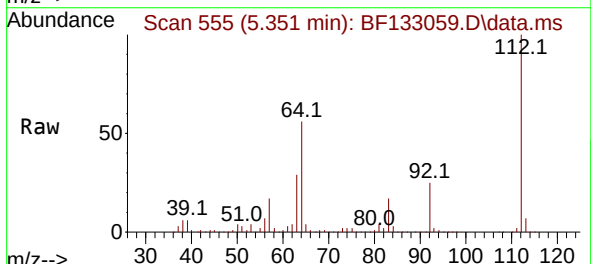
Instrument :
BNA_F
ClientSampleId :
20230344-COMP-22

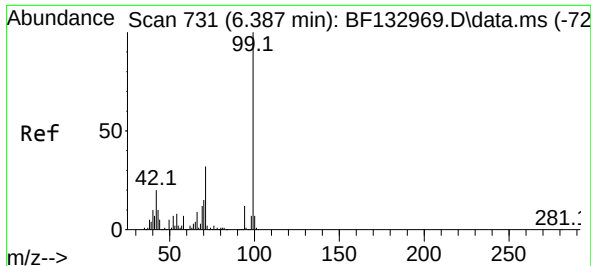
Tgt Ion:152 Resp: 185036
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 88.124 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

Tgt Ion:112 Resp: 1079441
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.8 23.8 35.8





#7

Phenol-d6

Concen: 86.949 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133059.D

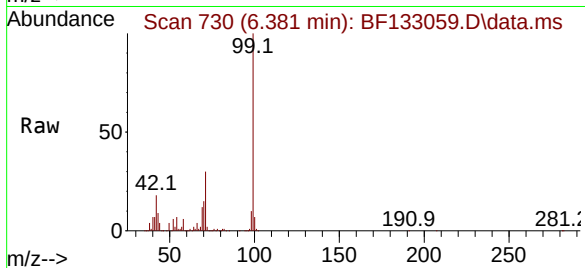
Acq: 26 Apr 2023 11:38

Instrument :

BNA_F

ClientSampleId :

20230344-COMP-22



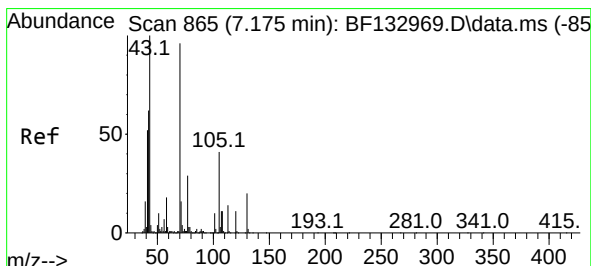
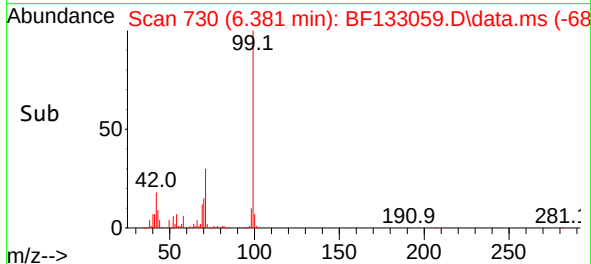
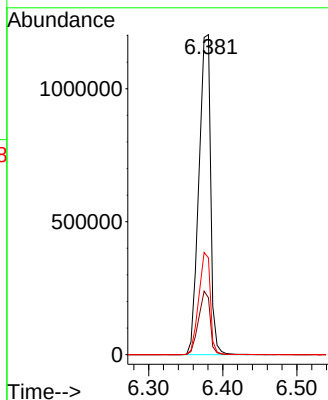
Tgt Ion: 99 Resp: 1321938

Ion Ratio Lower Upper

99 100

42 17.8 16.3 24.5

71 30.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.701 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.135 min

Lab File: BF133059.D

Acq: 26 Apr 2023 11:38

Tgt Ion: 70 Resp: 101284

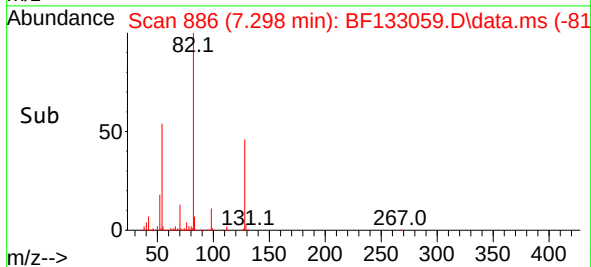
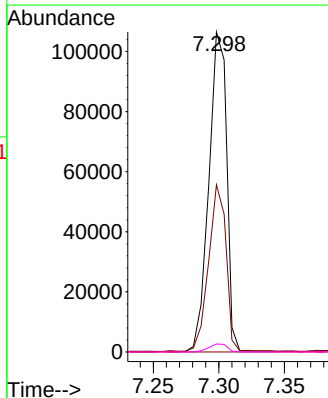
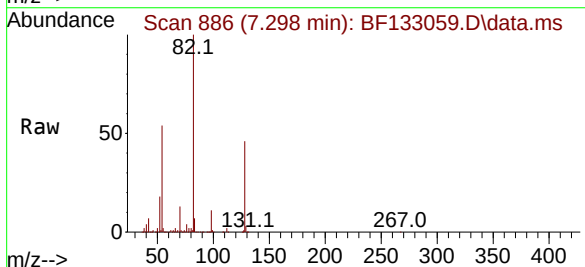
Ion Ratio Lower Upper

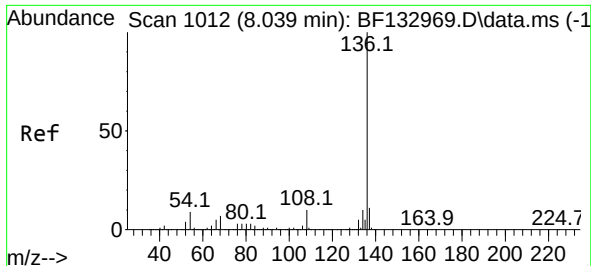
70 100

42 52.3 51.8 77.6

101 0.0 8.0 12.0#

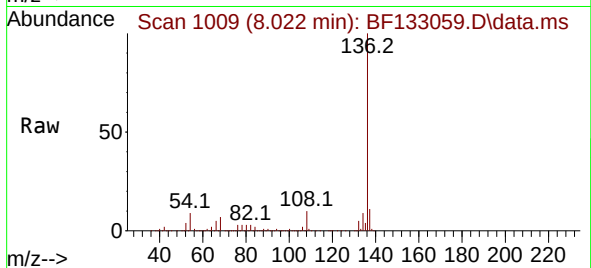
130 2.5 16.8 25.2#





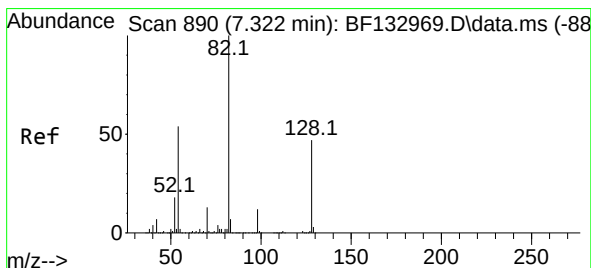
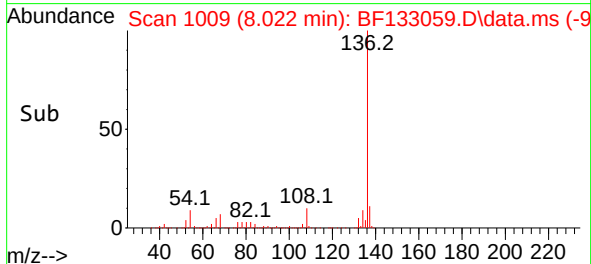
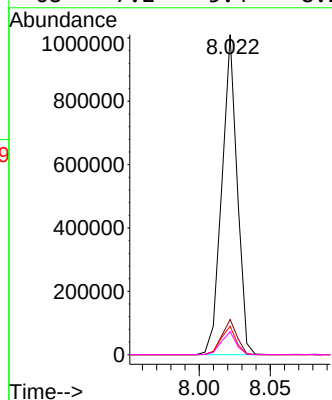
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

Instrument :
BNA_F
ClientSampleId :
20230344-COMP-22



Tgt Ion:136 Resp: 754559

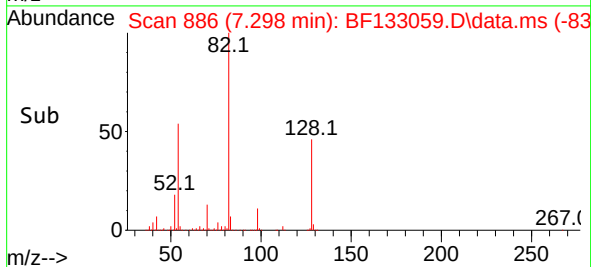
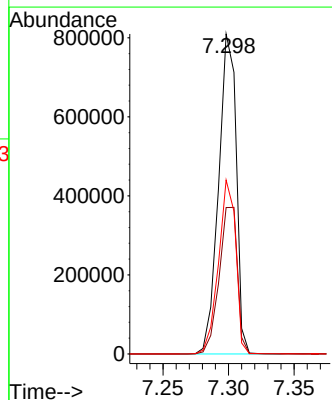
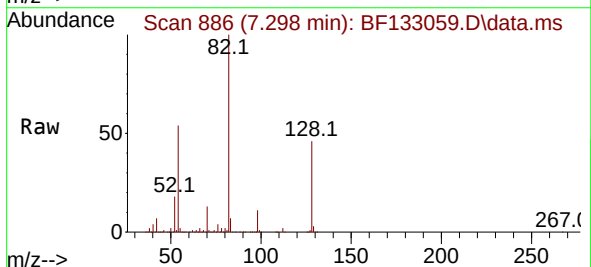
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.9	7.0	10.4
68	7.2	5.4	8.2

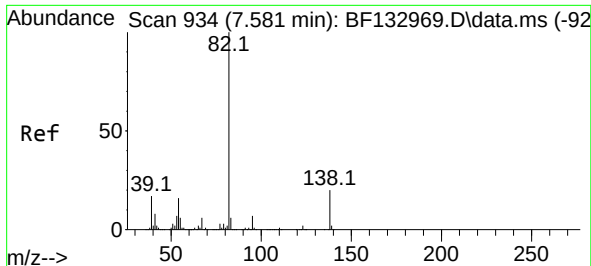


#23
Nitrobenzene-d5
Concen: 54.110 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

Tgt Ion: 82 Resp: 756419

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.7	56.5
54	54.4	43.0	64.4

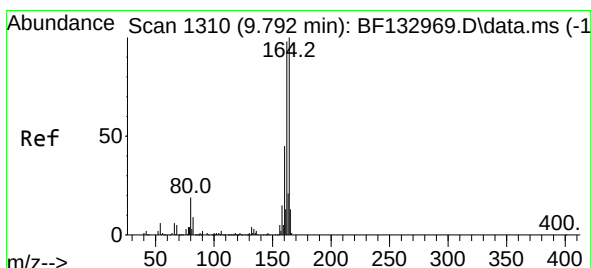
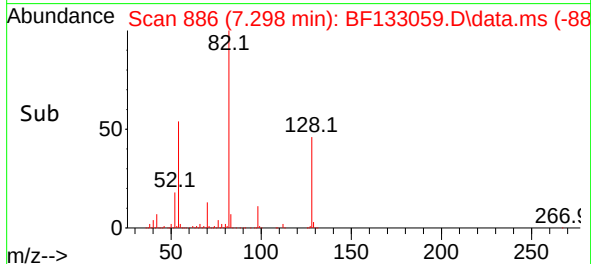
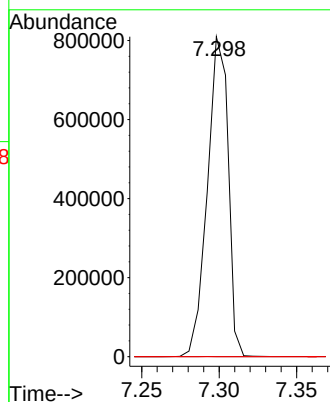
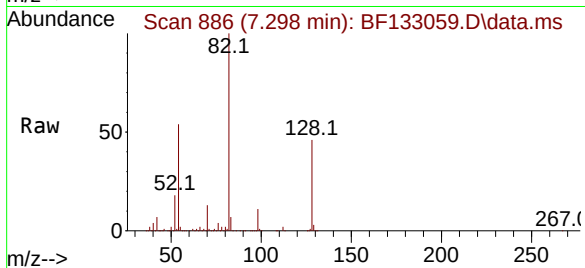




#25
Isophorone
Concen: 28.408 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

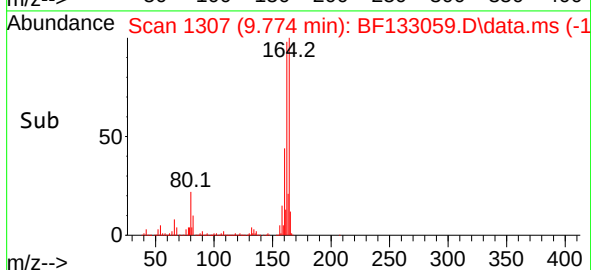
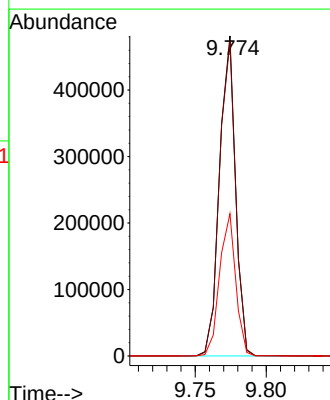
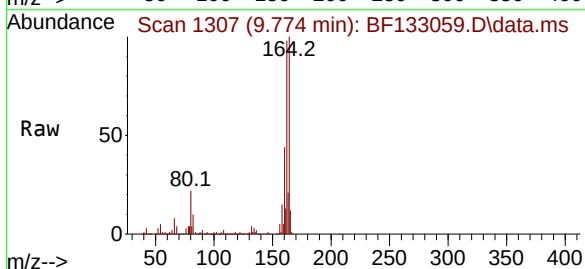
Instrument :
BNA_F
ClientSampleId :
20230344-COMP-22

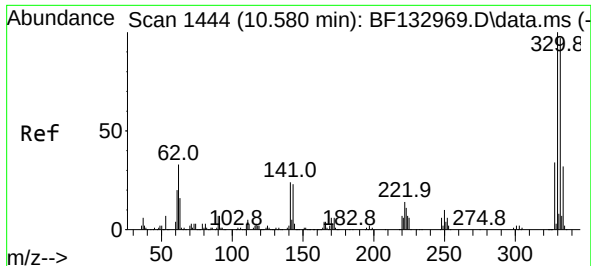
Tgt Ion: 82 Resp: 754014
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

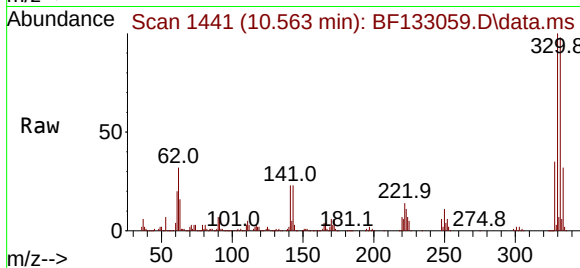
Tgt Ion:164 Resp: 376333
Ion Ratio Lower Upper
164 100
162 98.2 78.7 118.1
160 44.4 35.8 53.6



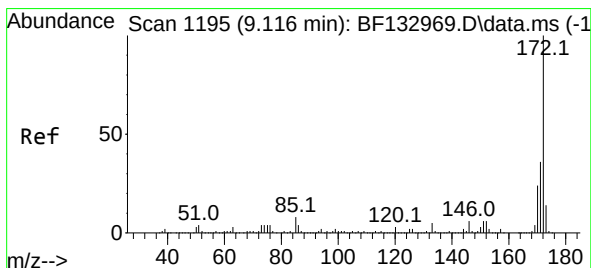
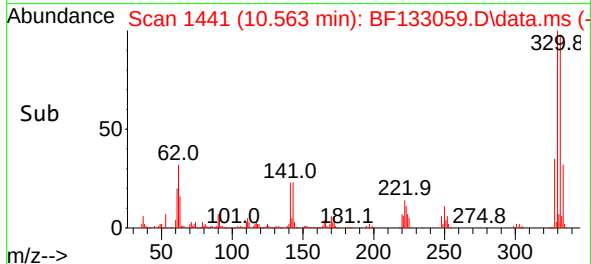
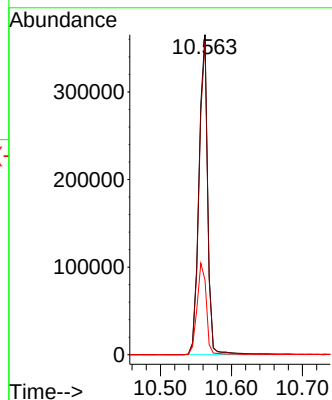


#42
2,4,6-Tribromophenol
Concen: 82.486 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

Instrument :
BNA_F
ClientSampleId :
20230344-COMP-22

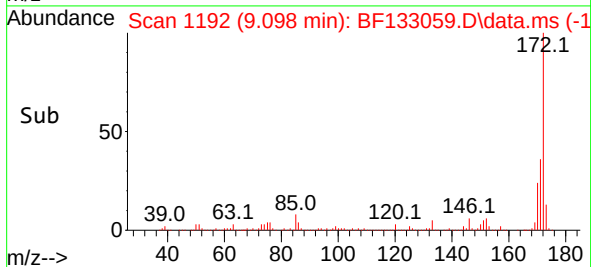
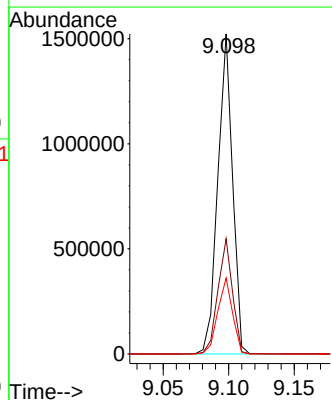
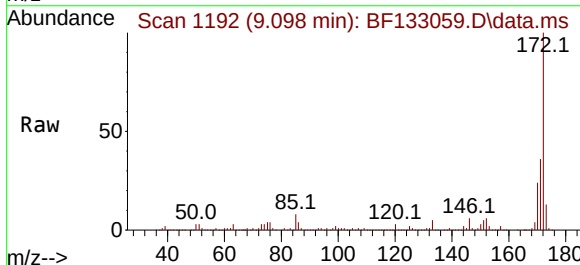


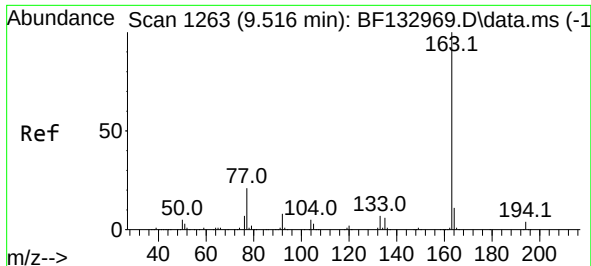
Tgt Ion:330 Resp: 312189
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 30.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 52.829 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

Tgt Ion:172 Resp: 1188366
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.4 29.2

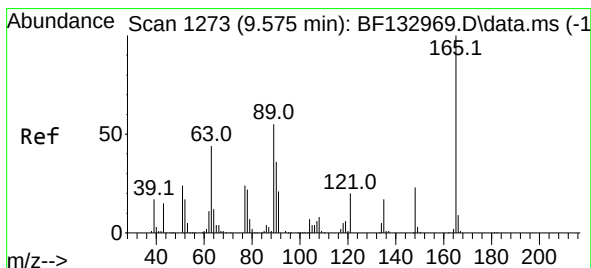
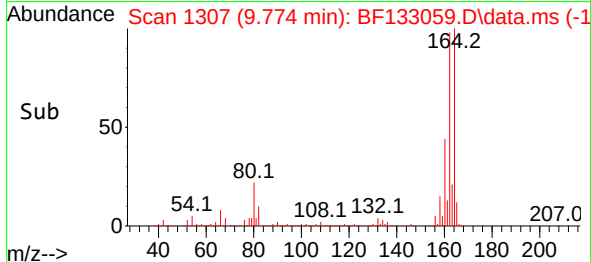
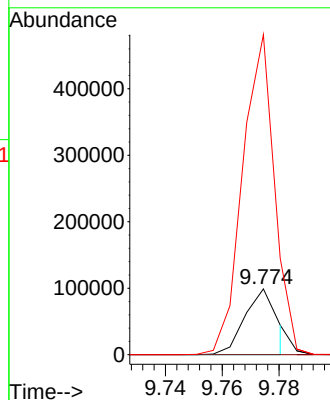
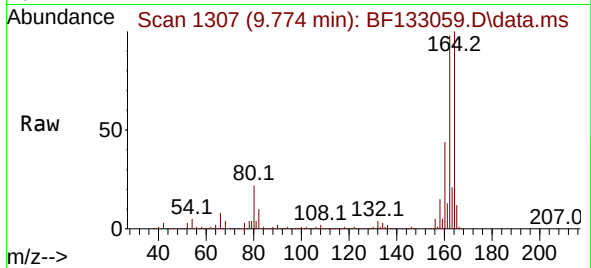




#50
 Dimethylphthalate
 Concen: 2.958 ng
 RT: 9.774 min Scan# 1307
 Delta R.T. 0.265 min
 Lab File: BF133059.D
 Acq: 26 Apr 2023 11:38

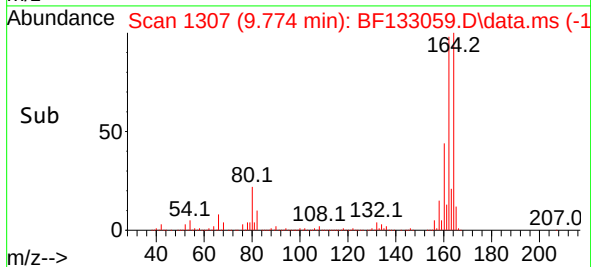
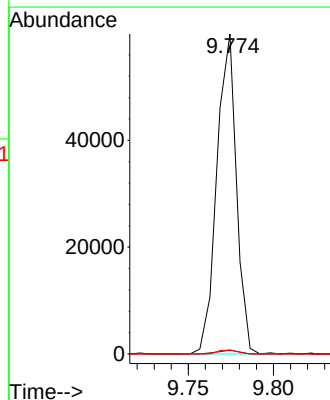
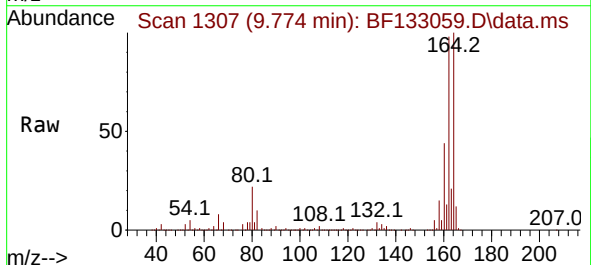
Instrument :
 BNA_F
 ClientSampleId :
 20230344-COMP-22

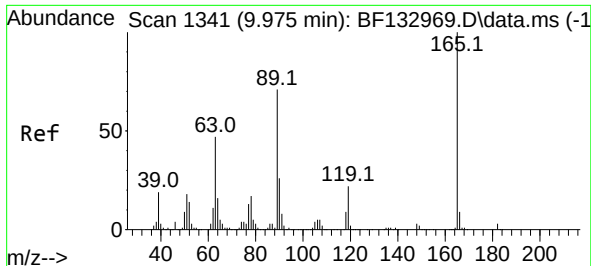
Tgt Ion:163 Resp: 77616
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 486.5 8.5 12.7#



#51
 2,6-Dinitrotoluene
 Concen: 8.135 ng
 RT: 9.774 min Scan# 1307
 Delta R.T. 0.206 min
 Lab File: BF133059.D
 Acq: 26 Apr 2023 11:38

Tgt Ion:165 Resp: 48045
 Ion Ratio Lower Upper
 165 100
 63 1.2 45.9 68.9#
 89 1.3 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.379 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133059.D

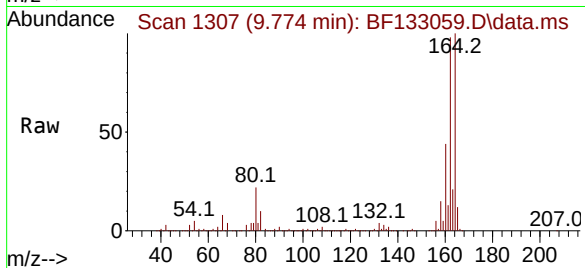
Acq: 26 Apr 2023 11:38

Instrument :

BNA_F

ClientSampleId :

20230344-COMP-22



Tgt Ion:165 Resp: 48045

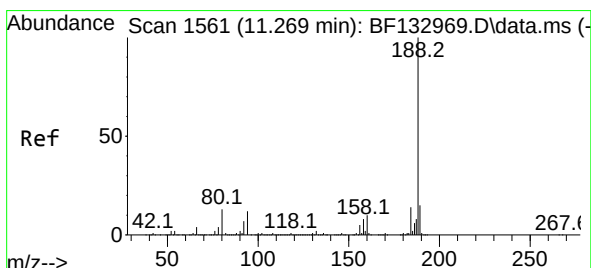
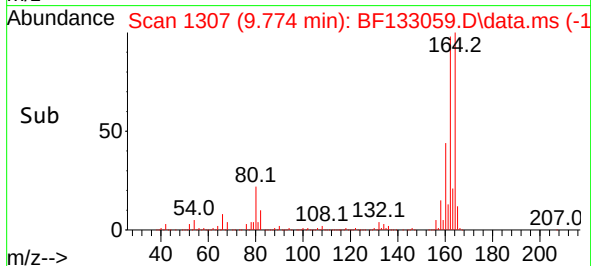
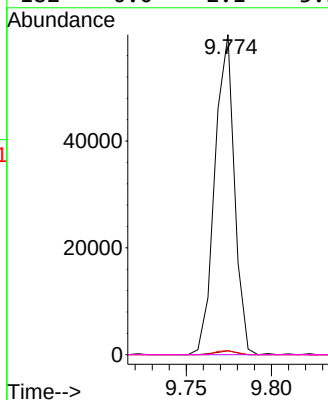
Ion Ratio Lower Upper

165 100

63 1.2 37.7 56.5#

89 1.3 57.0 85.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BF133059.D

Acq: 26 Apr 2023 11:38

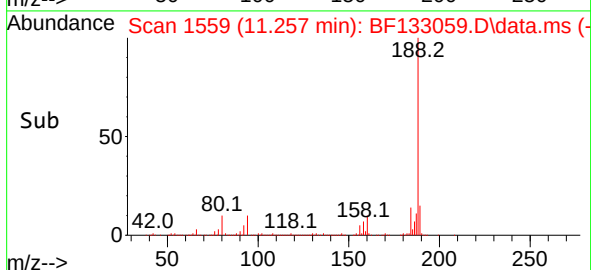
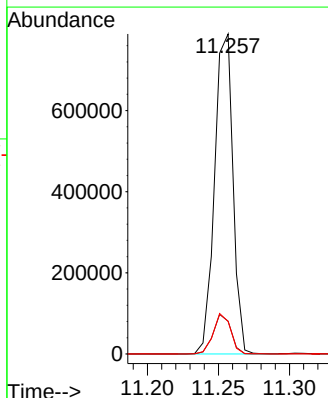
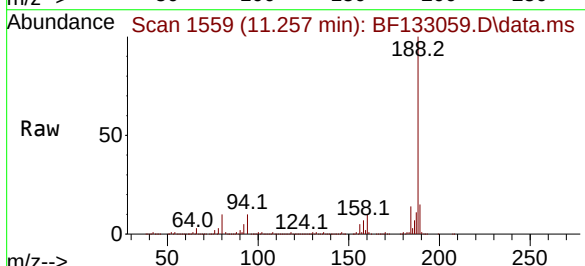
Tgt Ion:188 Resp: 710087

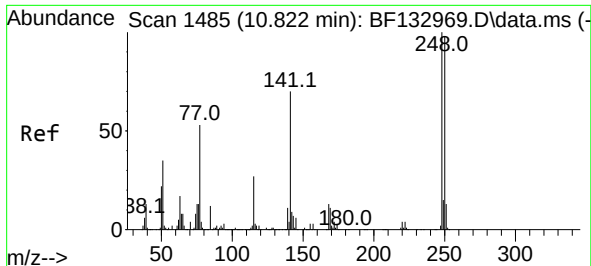
Ion Ratio Lower Upper

188 100

94 10.2 9.7 14.5

80 10.2 10.4 15.6#

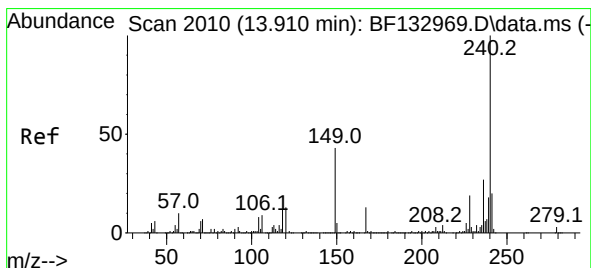
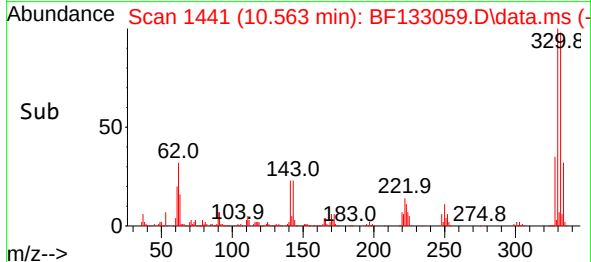
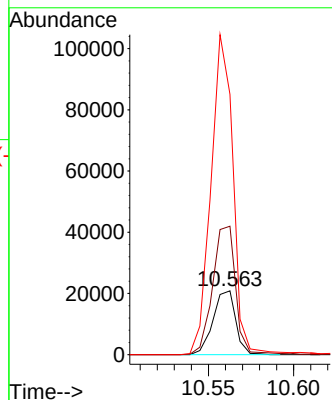
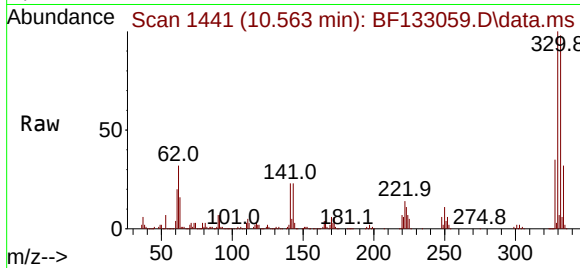




#67
4-Bromophenyl-phenylether
Concen: 2.504 ng
RT: 10.563 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

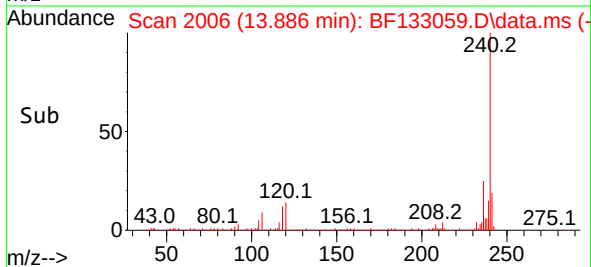
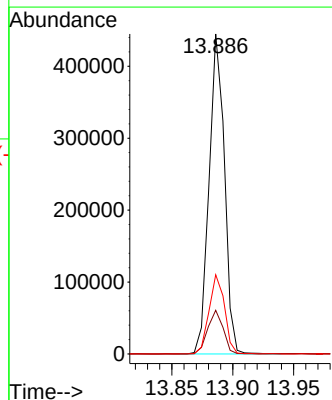
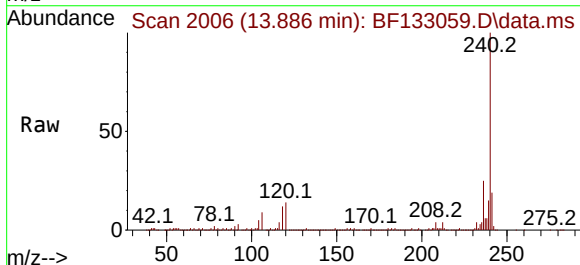
Instrument :
BNA_F
ClientSampleId :
20230344-COMP-22

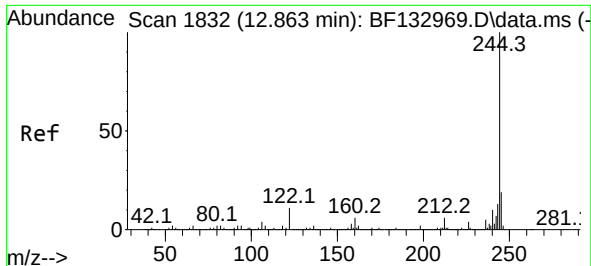
Tgt Ion:248 Resp: 19283
Ion Ratio Lower Upper
248 100
250 201.5 78.7 118.1#
141 408.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

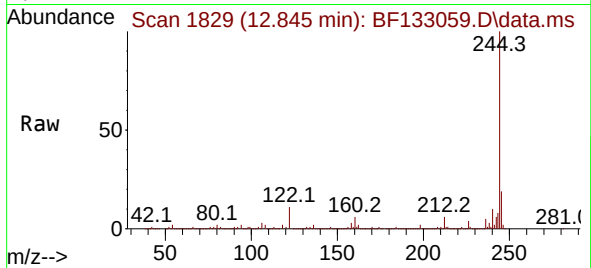
Tgt Ion:240 Resp: 390195
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 24.8 21.5 32.3



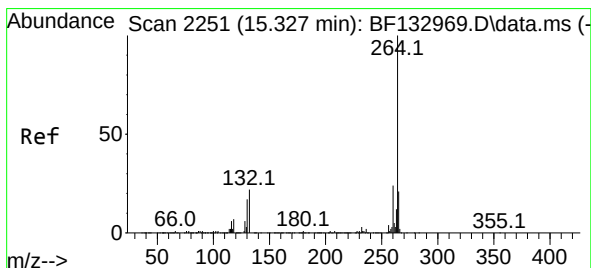
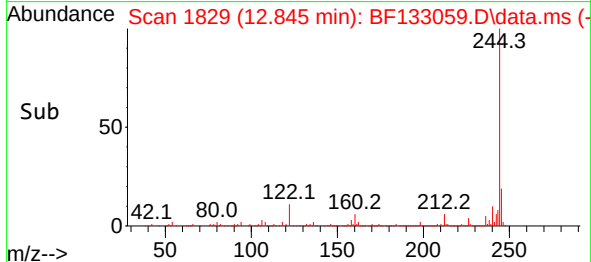
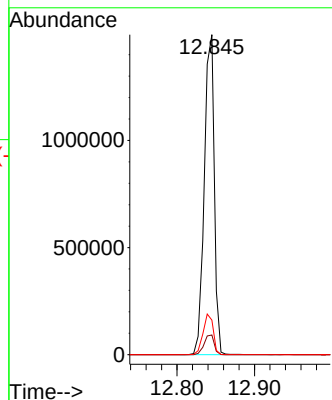


#79
 Terphenyl-d14
 Concen: 59.200 ng
 RT: 12.845 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133059.D
 Acq: 26 Apr 2023 11:38

Instrument :
 BNA_F
 ClientSampleId :
 20230344-COMP-22



Tgt Ion:244 Resp: 1339366
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 10.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.309 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133059.D
 Acq: 26 Apr 2023 11:38

Tgt Ion:264 Resp: 374370
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.8 17.0 25.4

