

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133135.D
 Acq On : 28 Apr 2023 22:27
 Operator : CG\JU
 Sample : 02504-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-03

Quant Time: May 01 03:09:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

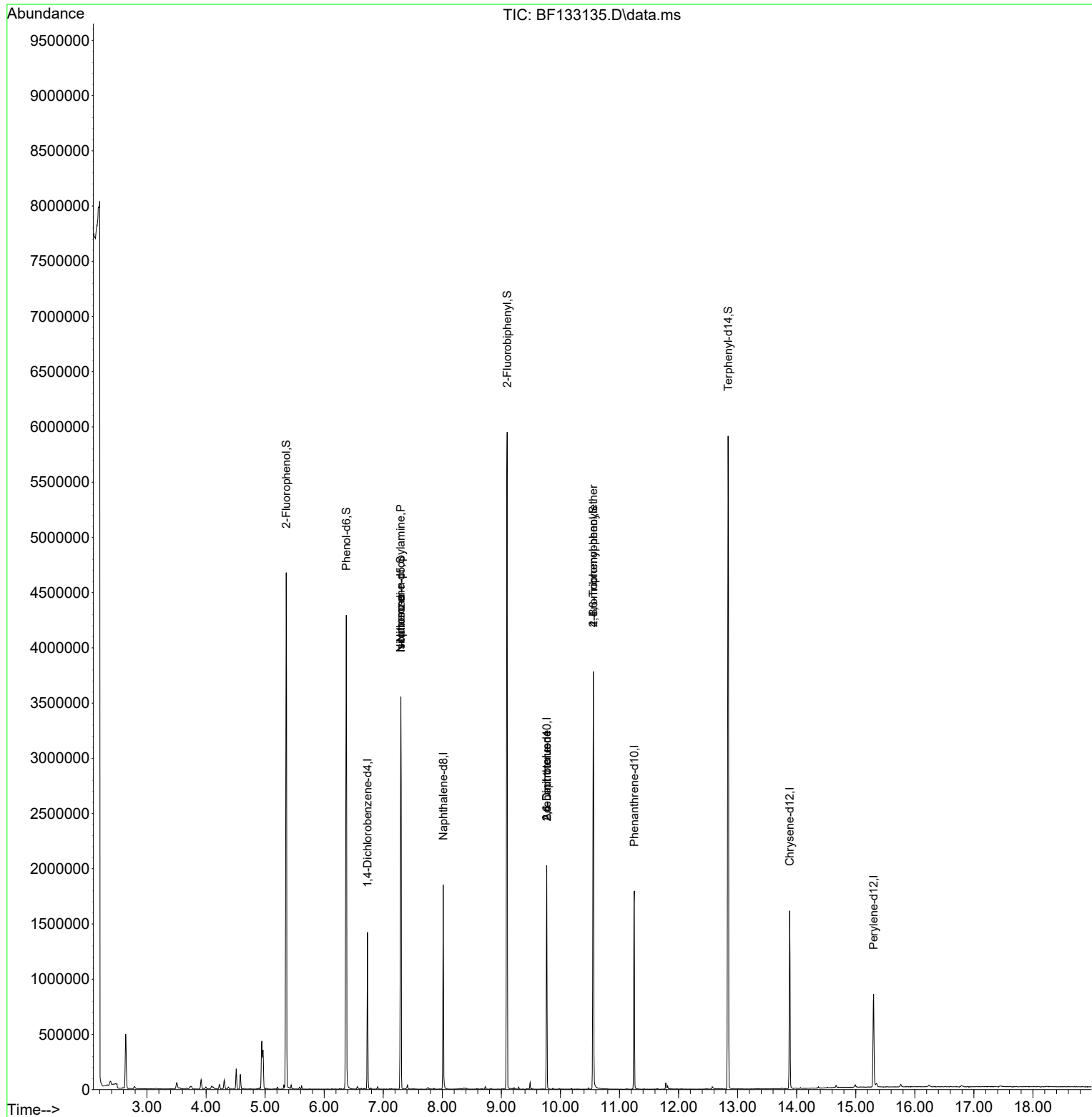
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	174675	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	695867	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	362320	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	658226	20.000	ng	0.00
76) Chrysene-d12	13.880	240	492366	20.000	ng	-0.01
86) Perylene-d12	15.304	264	379092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1468198	126.971	ng	0.02
7) Phenol-d6	6.375	99	1654070	115.247	ng	0.00
23) Nitrobenzene-d5	7.298	82	1210457	93.892	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	527272	144.703	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1964393	90.705	ng	0.00
79) Terphenyl-d14	12.839	244	2442252	85.548	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	413	Below Cal	#	80
19) n-Nitroso-di-n-propyla...	7.298	70	160555	17.969	ng	# 76
25) Isophorone	7.298	82	1210669	49.461	ng	# 63
51) 2,6-Dinitrotoluene	9.769	165	46664	8.206	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	46664	6.435	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	32822	4.598	ng	# 1

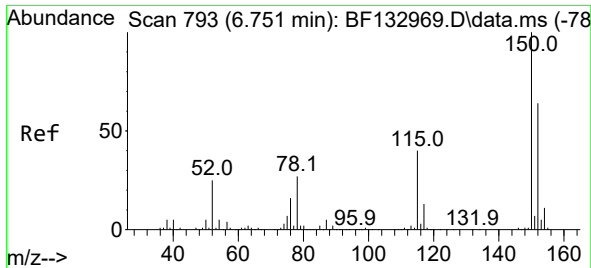
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 03:03:04 2023
Response via : Initial Calibration

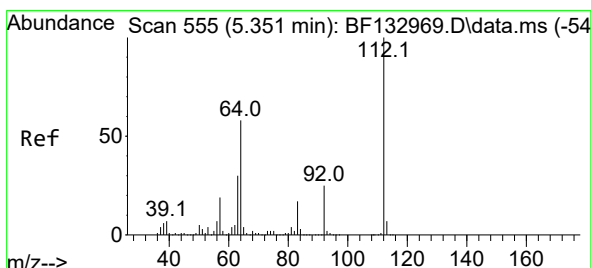
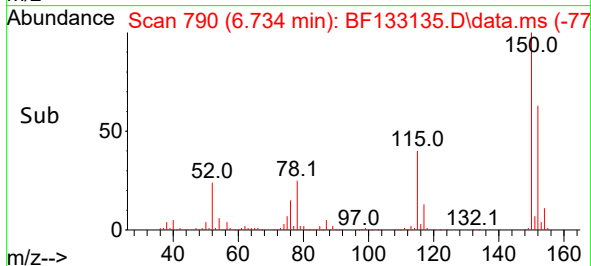
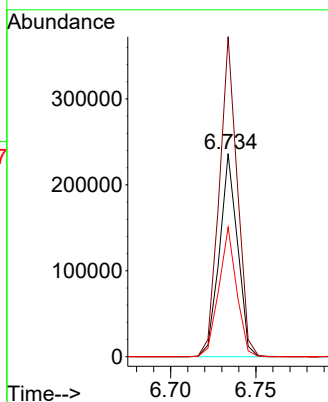
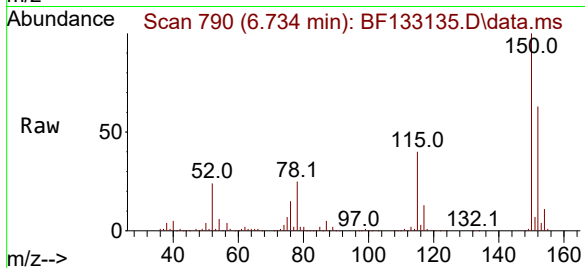




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133135.D
 Acq: 28 Apr 2023 22:27

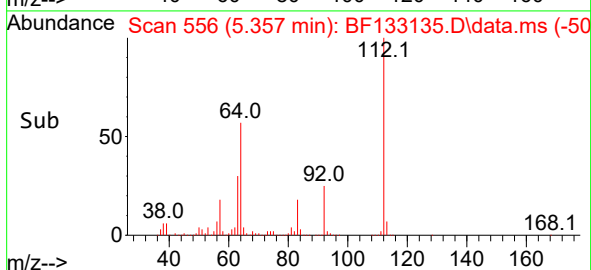
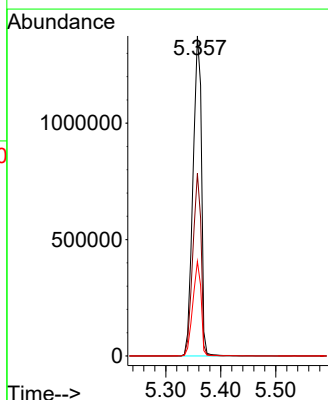
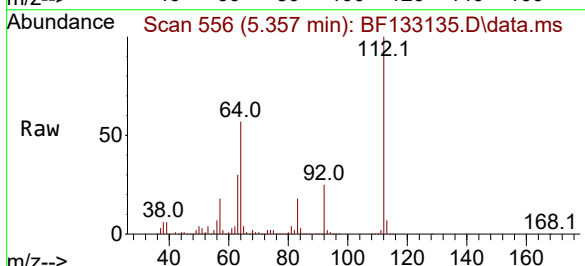
Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-03

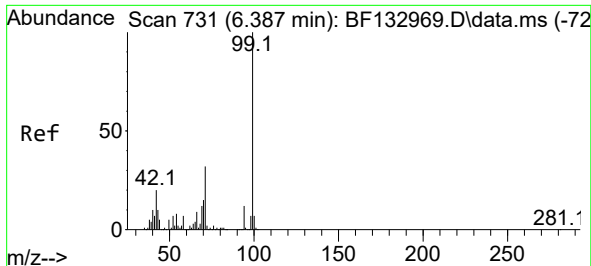
Tgt Ion:152 Resp: 174675
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.8 187.2
 115 63.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 126.971 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.018 min
 Lab File: BF133135.D
 Acq: 28 Apr 2023 22:27

Tgt Ion:112 Resp: 1468198
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.8 70.2
 63 29.5 23.8 35.8

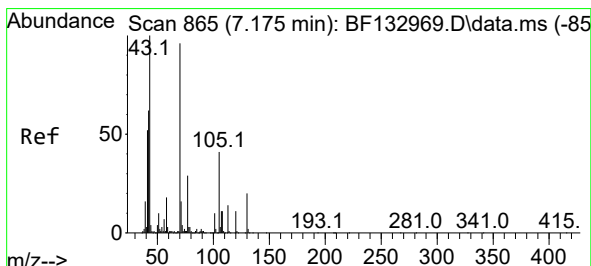
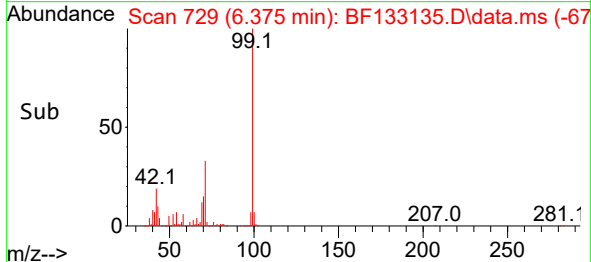
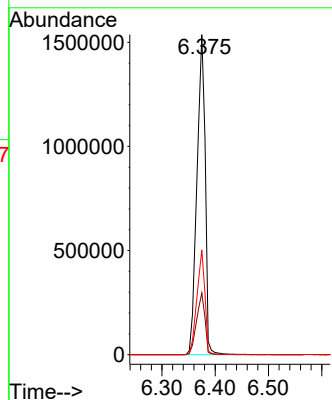
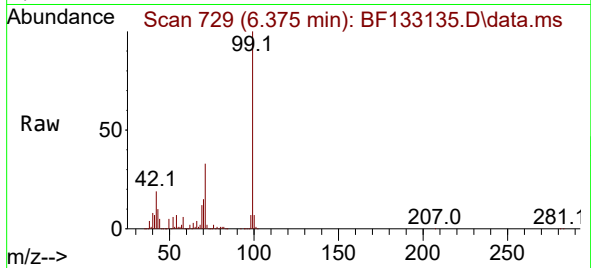




#7
Phenol-d6
Concen: 115.247 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

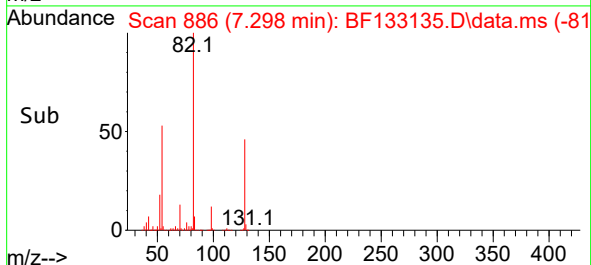
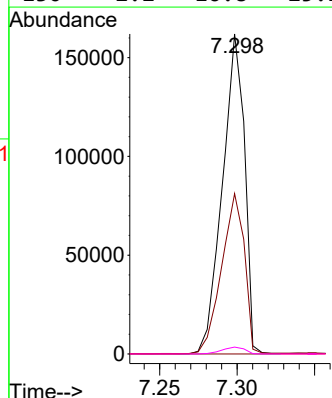
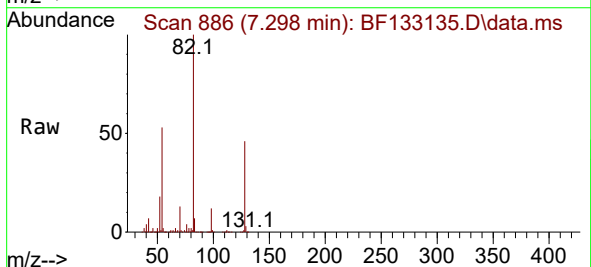
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

Tgt Ion: 99 Resp: 1654070
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 32.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.969 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

Tgt Ion: 70 Resp: 160555
Ion Ratio Lower Upper
70 100
42 50.1 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

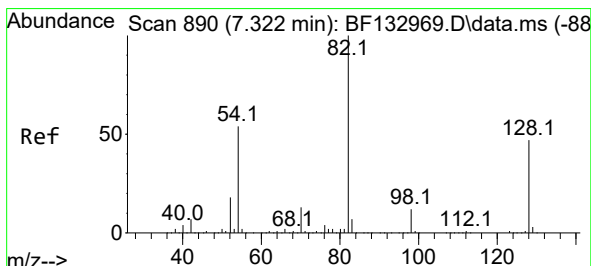
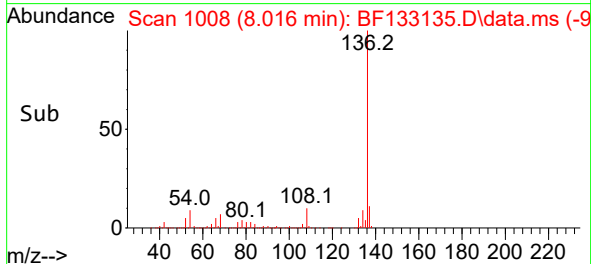
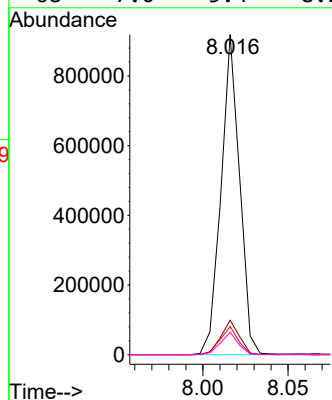
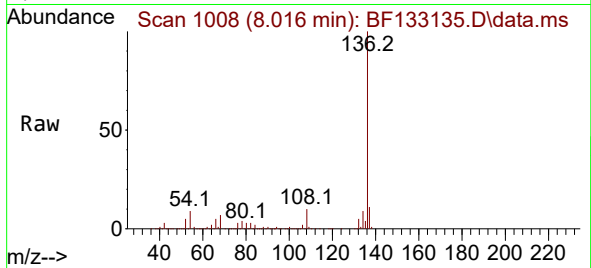




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

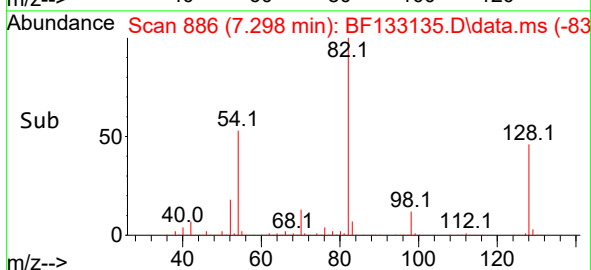
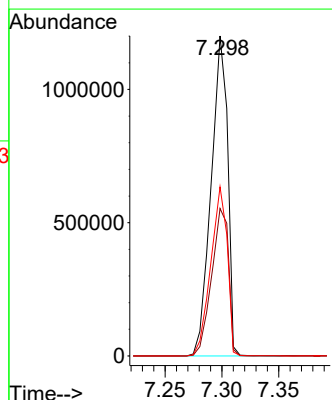
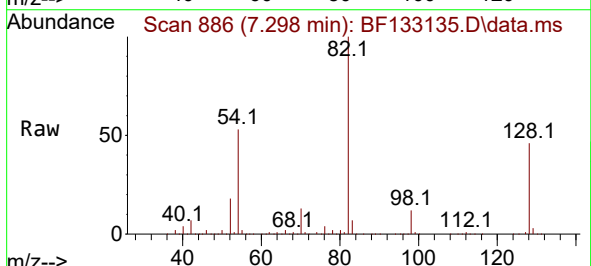
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

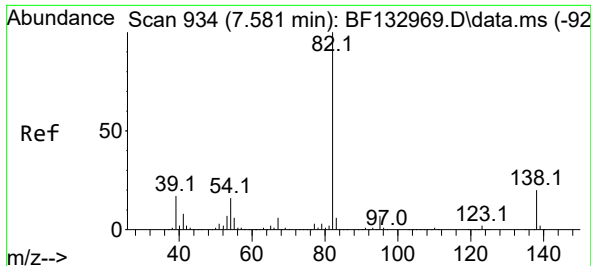
Tgt Ion:136 Resp: 695867
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.0 10.4
68 7.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 93.892 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

Tgt Ion: 82 Resp: 1210457
Ion Ratio Lower Upper
82 100
128 46.1 37.7 56.5
54 52.9 43.0 64.4

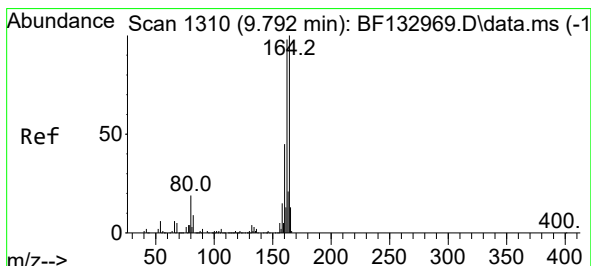
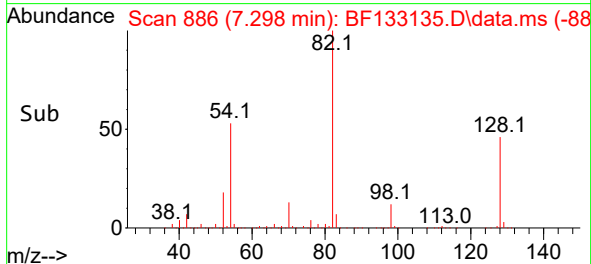
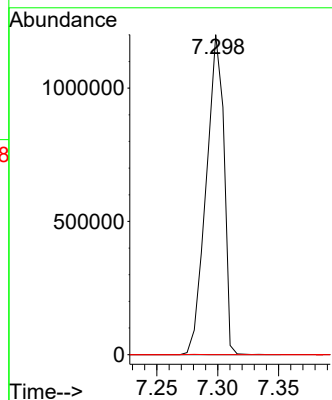
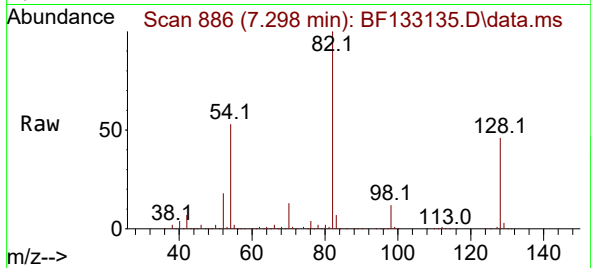




#25
Isophorone
Concen: 49.461 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

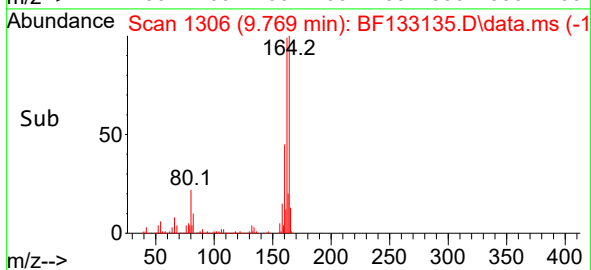
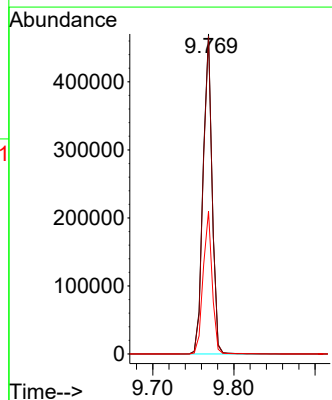
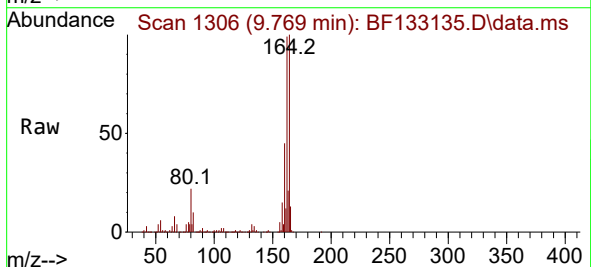
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

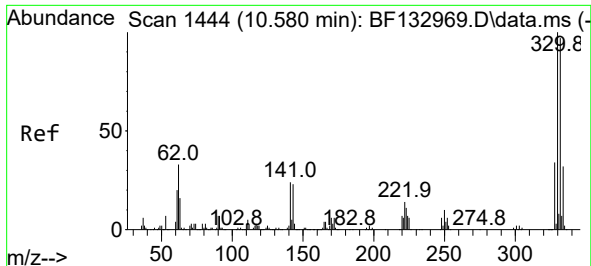
Tgt Ion: 82 Resp: 1210669
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

Tgt Ion:164 Resp: 362320
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 144.703 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133135.D

Acq: 28 Apr 2023 22:27

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-03

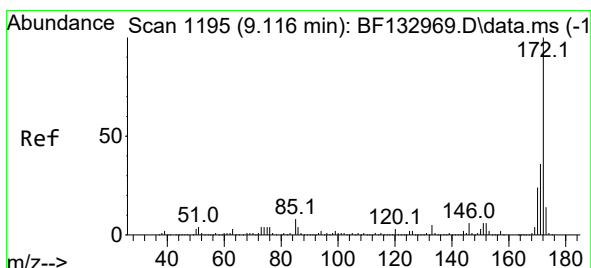
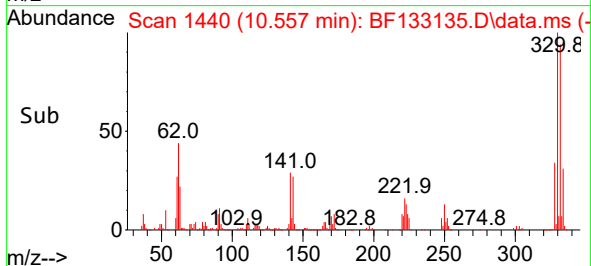
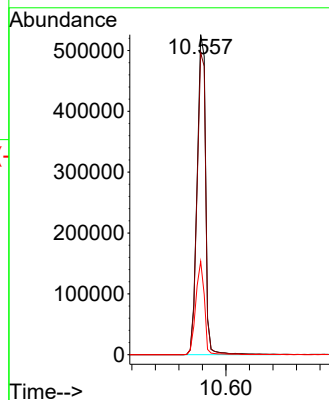
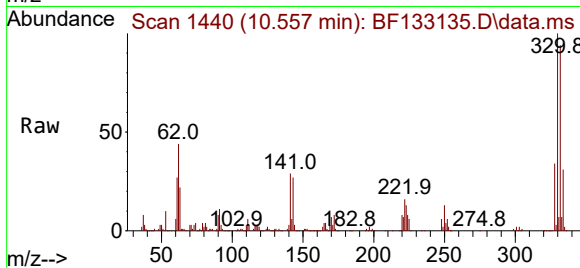
Tgt Ion:330 Resp: 527272

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

141 29.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 90.705 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133135.D

Acq: 28 Apr 2023 22:27

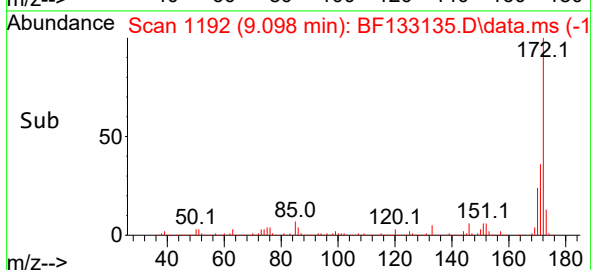
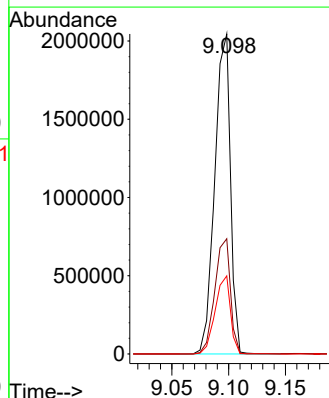
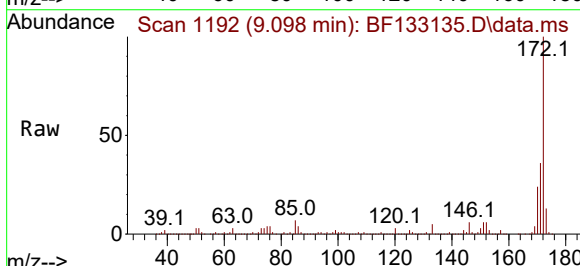
Tgt Ion:172 Resp: 1964393

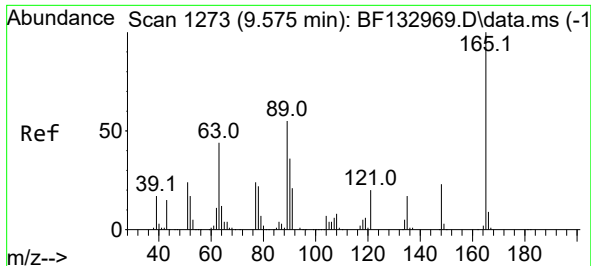
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.4 19.4 29.2

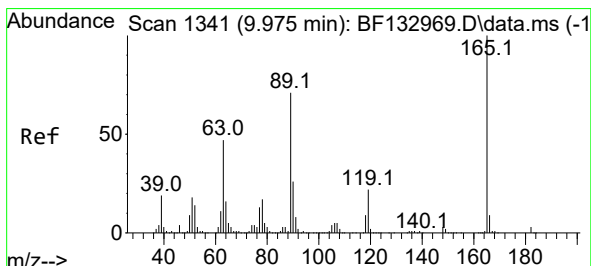
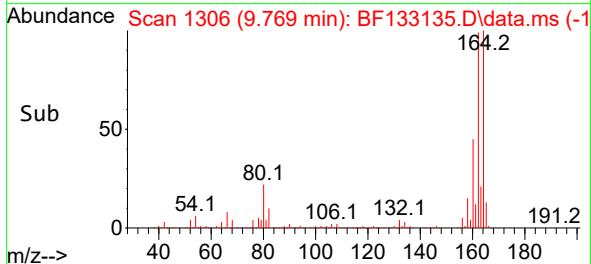
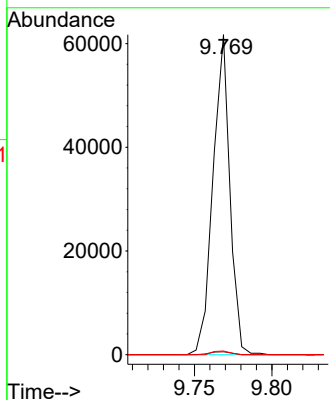
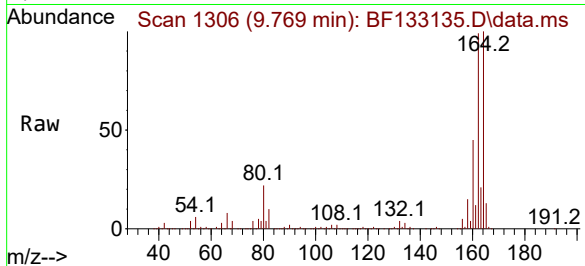




#51
2,6-Dinitrotoluene
Concen: 8.206 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

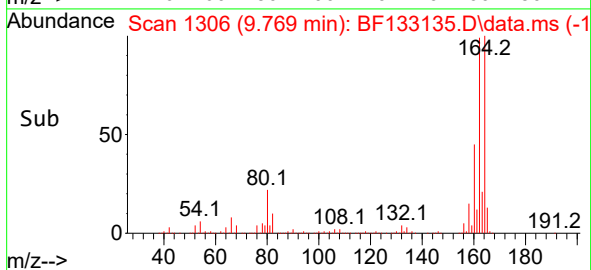
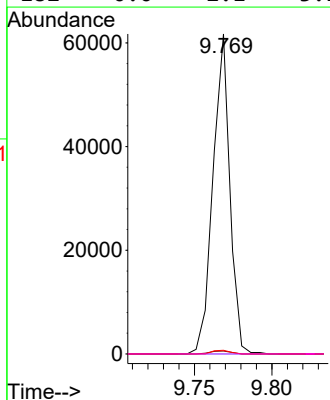
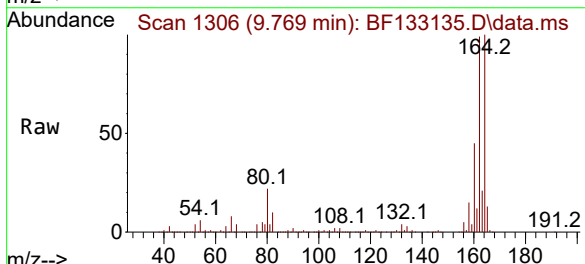
Instrument :
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BU-512-COMP-03

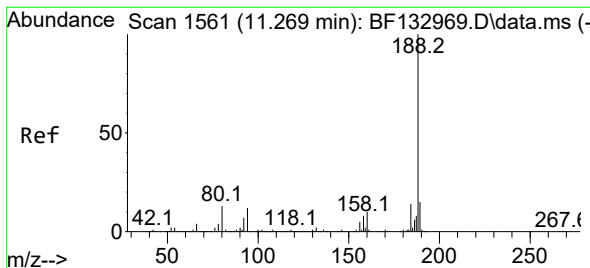
Tgt Ion:165 Resp: 46664
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.2 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.435 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

Tgt Ion:165 Resp: 46664
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133135.D

Acq: 28 Apr 2023 22:27

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-03

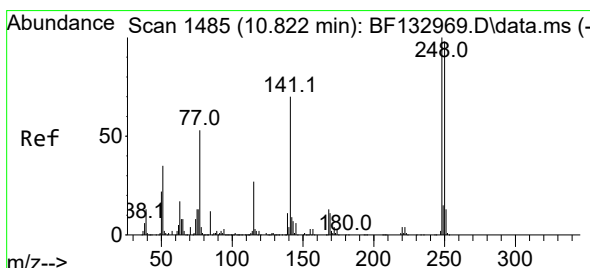
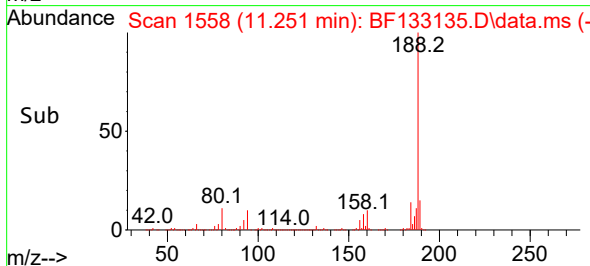
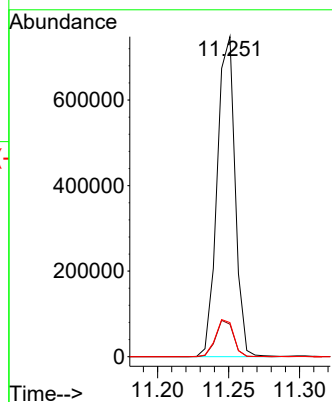
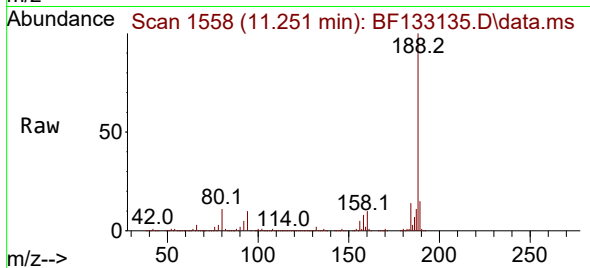
Tgt Ion:188 Resp: 658226

Ion Ratio Lower Upper

188 100

94 10.2 9.7 14.5

80 10.6 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 4.598 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133135.D

Acq: 28 Apr 2023 22:27

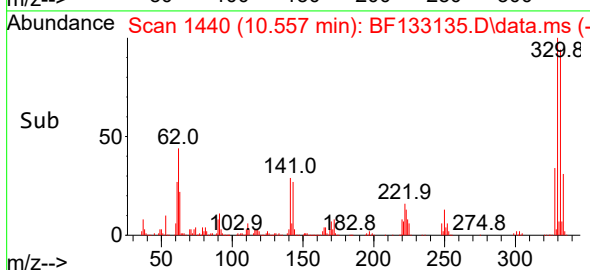
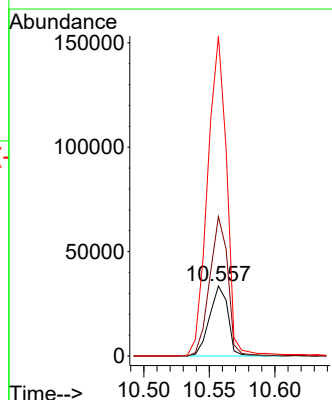
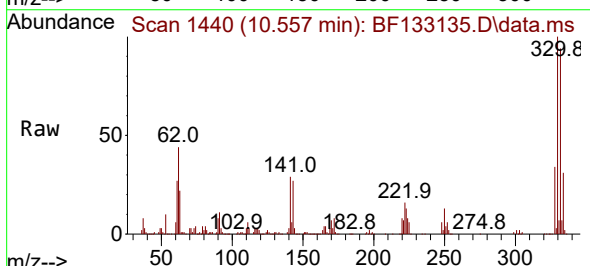
Tgt Ion:248 Resp: 32822

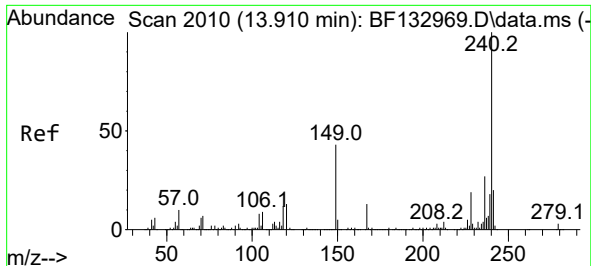
Ion Ratio Lower Upper

248 100

250 199.4 78.7 118.1#

141 457.6 56.3 84.5#

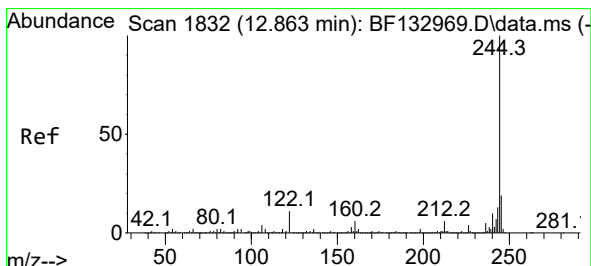
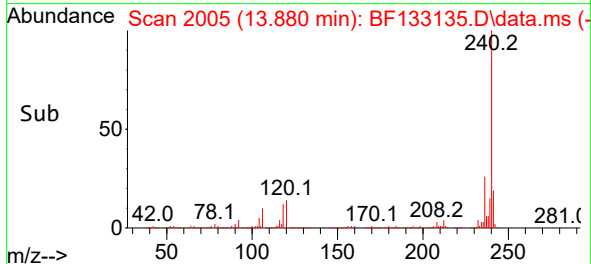
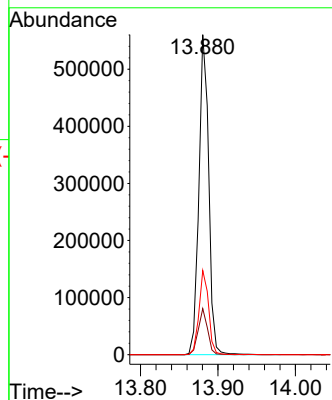
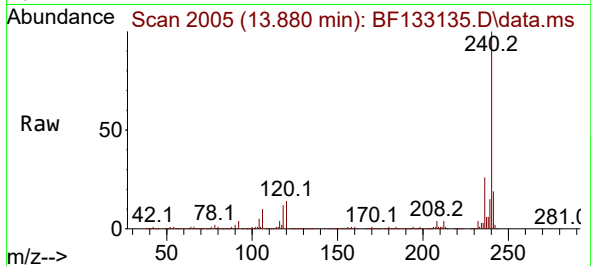




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

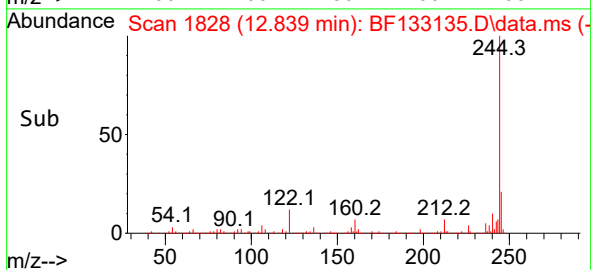
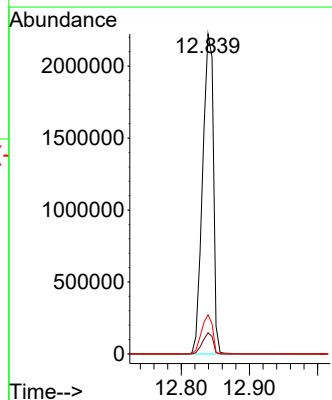
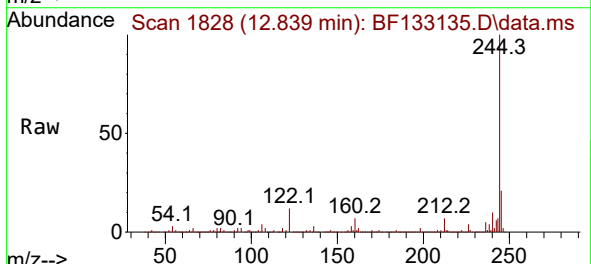
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-03

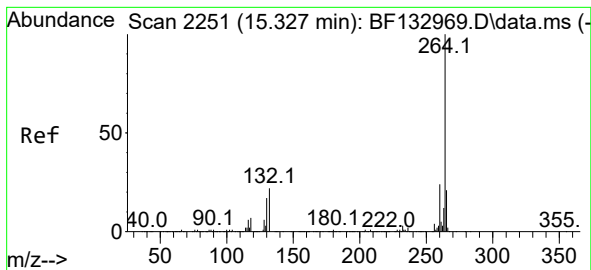
Tgt Ion:240 Resp: 492366
Ion Ratio Lower Upper
240 100
120 14.4 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 85.548 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133135.D
Acq: 28 Apr 2023 22:27

Tgt Ion:244 Resp: 2442252
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.2 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133135.D

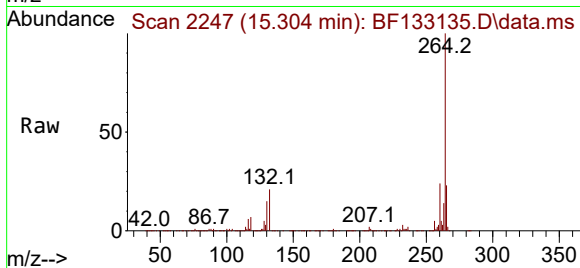
Acq: 28 Apr 2023 22:27

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-03



Tgt Ion:264 Resp: 379092

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.7 17.0 25.4

