

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133134.D
 Acq On : 28 Apr 2023 21:56
 Operator : CG\JU
 Sample : 02504-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-02

Quant Time: May 01 03:08:50 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)

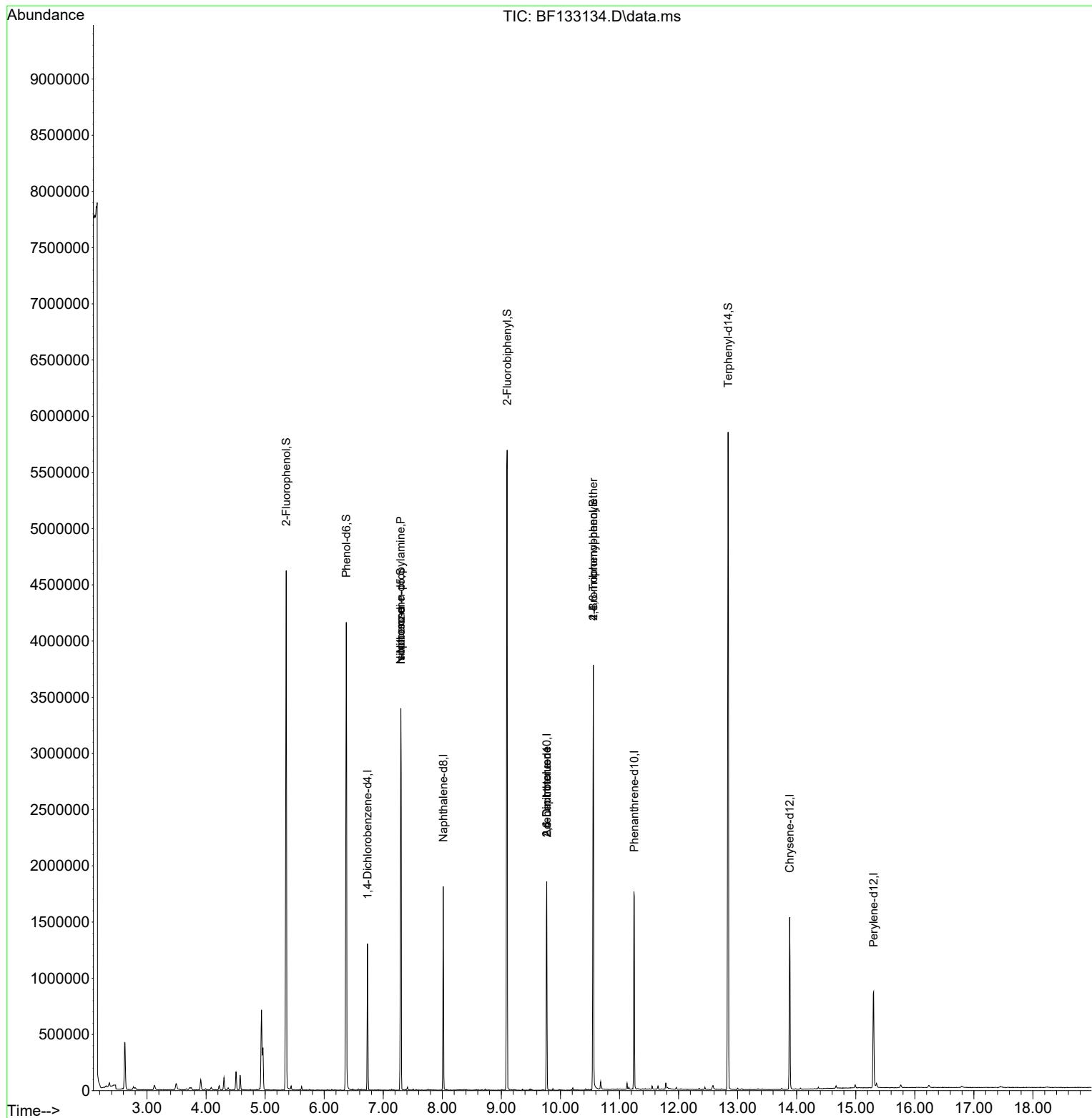
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	171042	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	684790	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	355814	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	649854	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	479939	20.000	ng	-0.01
86) Perylene-d12	15.304	264	391503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1419265	125.347	ng	0.02
7) Phenol-d6	6.375	99	1606618	114.319	ng	0.00
23) Nitrobenzene-d5	7.298	82	1130989	89.147	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	497800	139.113	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1873217	88.077	ng	0.00
79) Terphenyl-d14	12.839	244	2314374	83.167	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.281	77	343	Below Cal		92
19) n-Nitroso-di-n-propyla...	7.298	70	151504	17.316 ng	#	76
25) Isophorone	7.298	82	1130978	46.952 ng	#	63
51) 2,6-Dinitrotoluene	9.769	165	45333	8.118 ng	#	25
57) 2,4-Dinitrotoluene	9.769	165	45333	6.366 ng	#	23
67) 4-Bromophenyl-phenylether	10.557	248	30181	4.282 ng	#	1

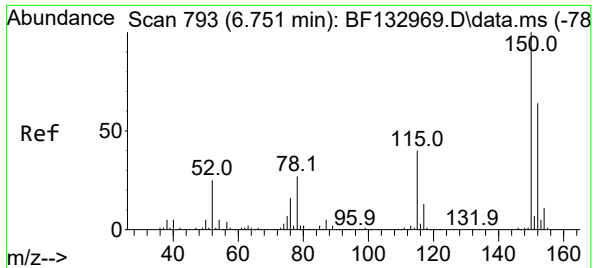
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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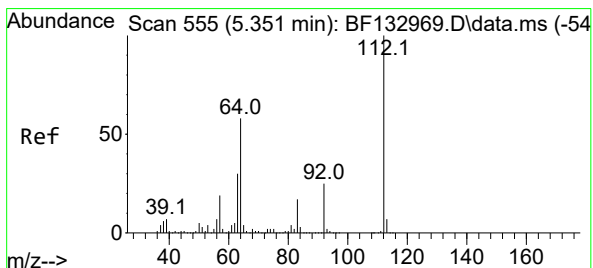
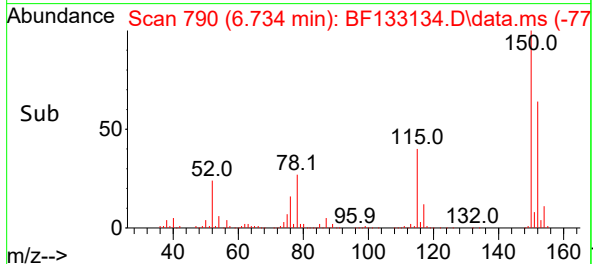
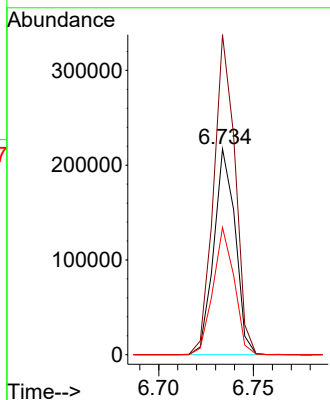
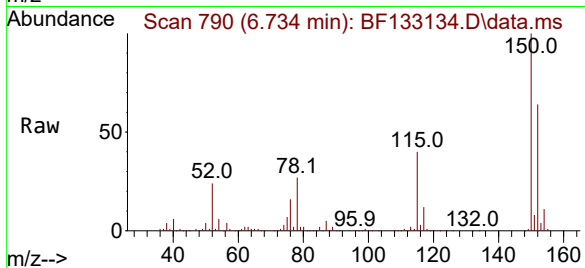




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133134.D
 Acq: 28 Apr 2023 21:56

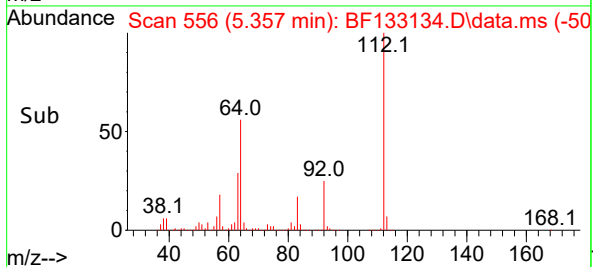
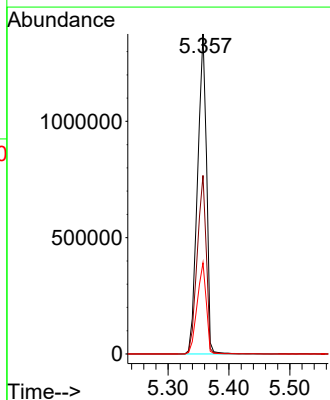
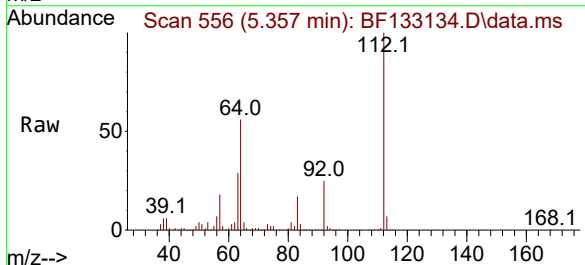
Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-02

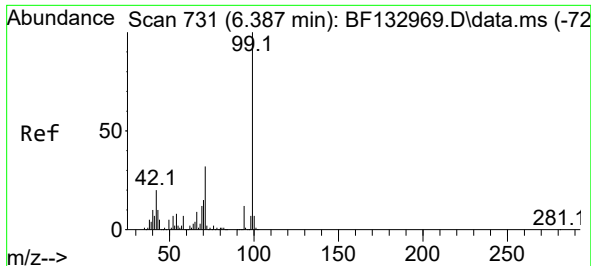
Tgt Ion:152 Resp: 171042
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.8 187.2
 115 61.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 125.347 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.018 min
 Lab File: BF133134.D
 Acq: 28 Apr 2023 21:56

Tgt Ion:112 Resp: 1419265
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.8 70.2
 63 28.5 23.8 35.8

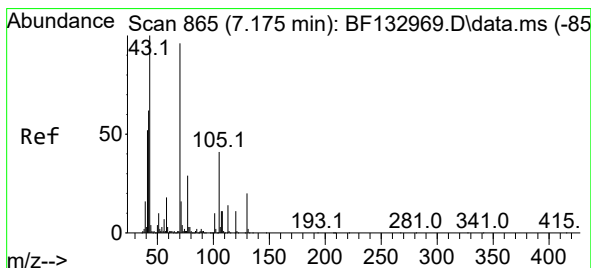
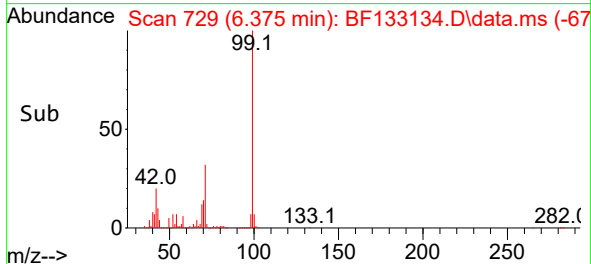
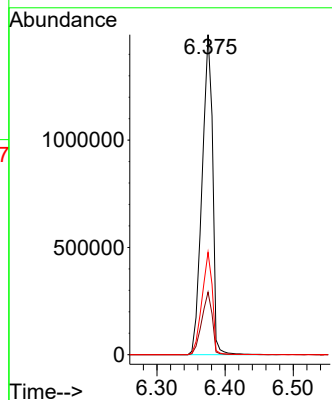
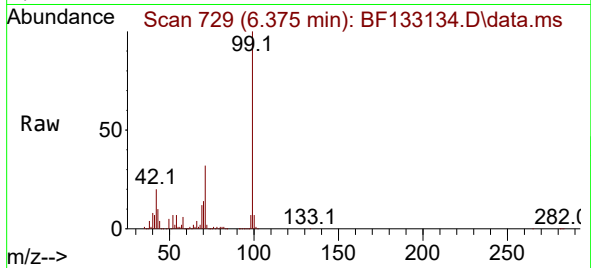




#7
Phenol-d6
Concen: 114.319 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

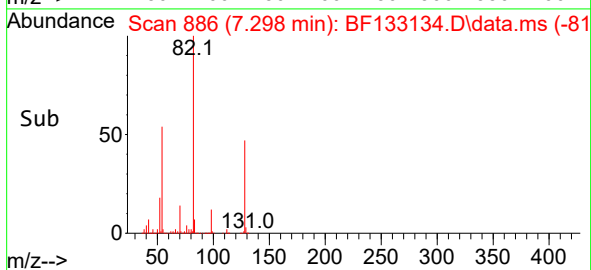
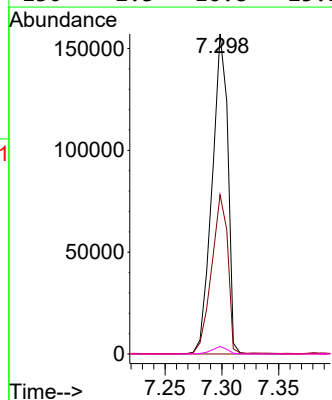
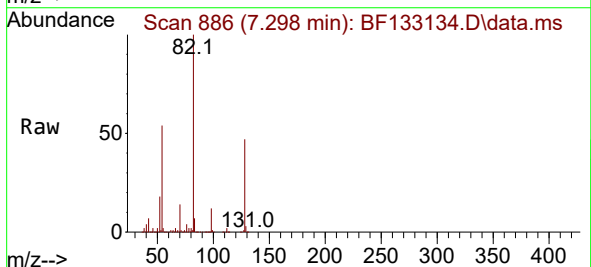
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-02

Tgt Ion: 99 Resp: 1606618
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.316 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

Tgt Ion: 70 Resp: 151504
Ion Ratio Lower Upper
70 100
42 49.8 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# 1

Delta R.T. -0.006 min

Lab File: BF133134.D

Acq: 28 Apr 2023 21:56

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-02

Tgt Ion:136 Resp: 684790

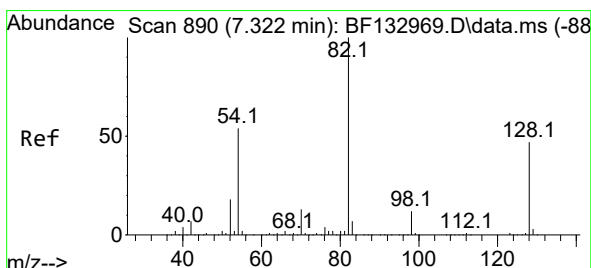
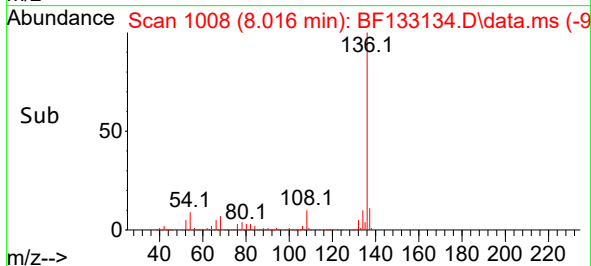
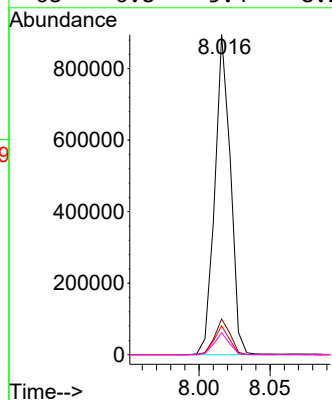
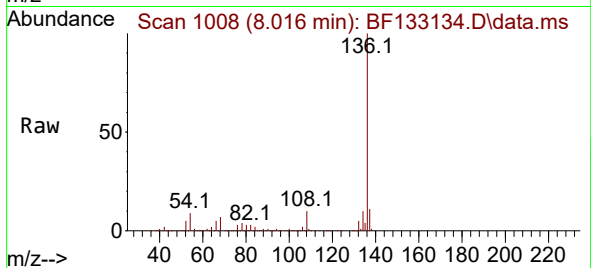
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.0 7.0 10.4

68 6.8 5.4 8.2



#23

Nitrobenzene-d5

Concen: 89.147 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133134.D

Acq: 28 Apr 2023 21:56

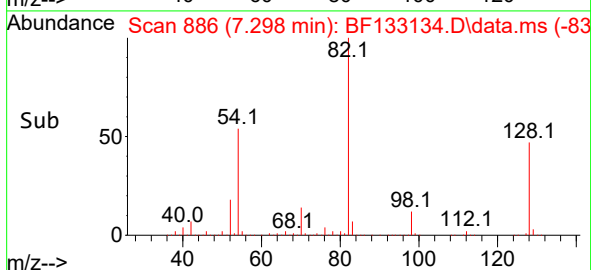
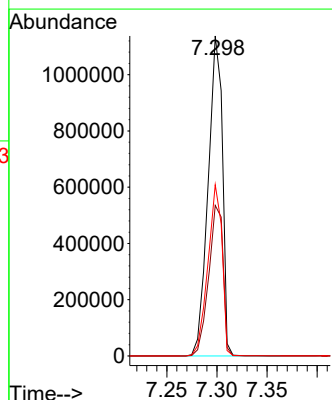
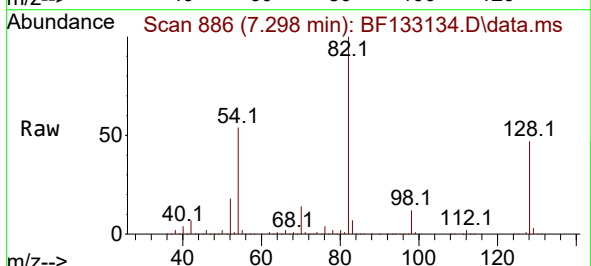
Tgt Ion: 82 Resp: 1130989

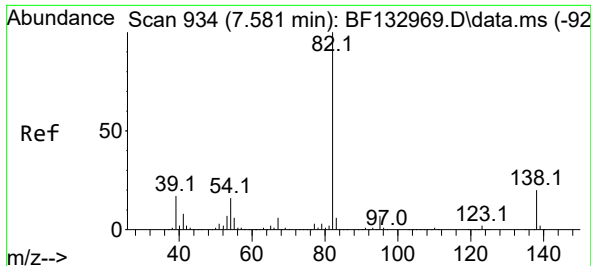
Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 53.5 43.0 64.4

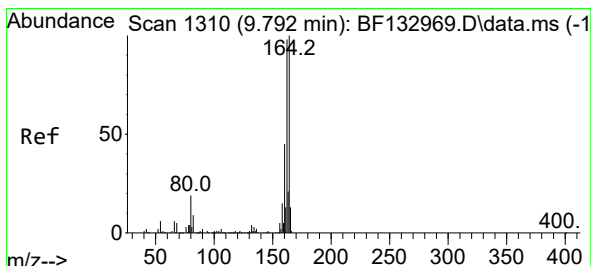
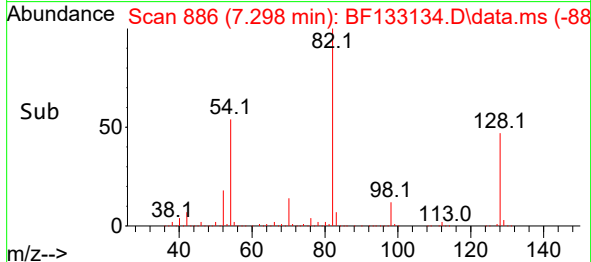
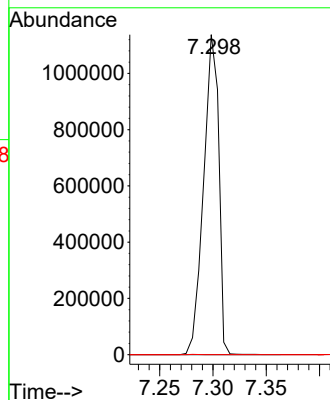
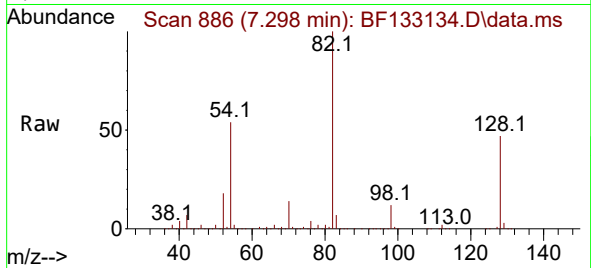




#25
Isophorone
Concen: 46.952 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

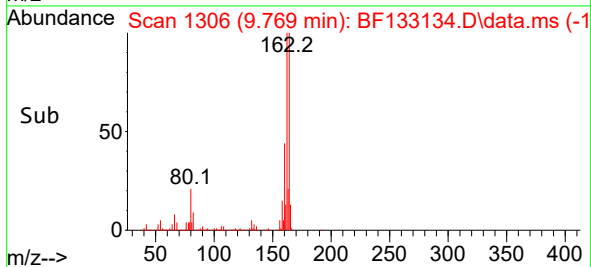
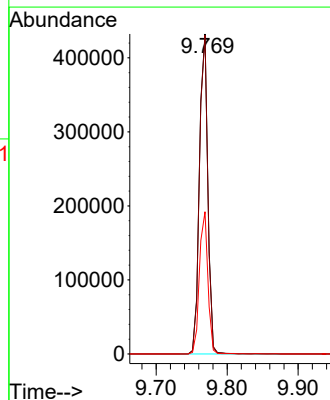
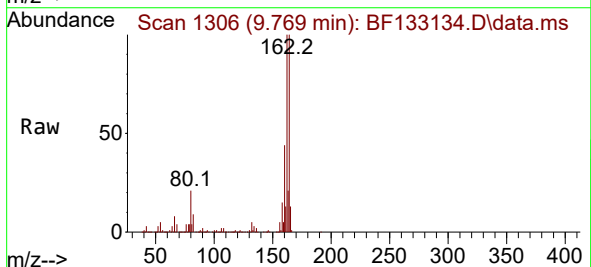
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-02

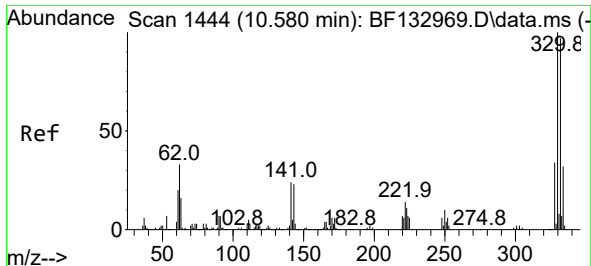
Tgt Ion: 82 Resp: 1130978
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

Tgt Ion:164 Resp: 355814
Ion Ratio Lower Upper
164 100
162 99.6 78.7 118.1
160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 139.113 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133134.D

Acq: 28 Apr 2023 21:56

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-02

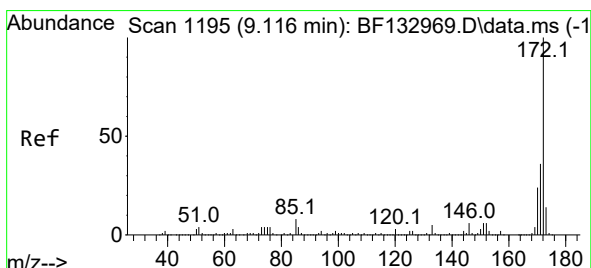
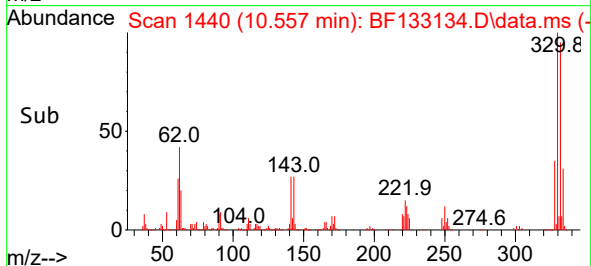
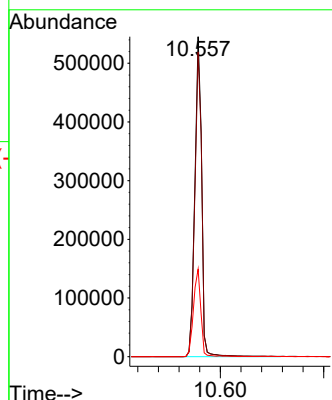
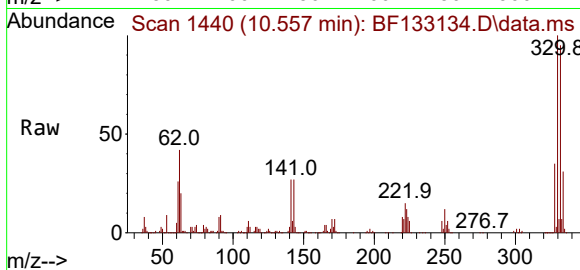
Tgt Ion:330 Resp: 497800

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 29.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 88.077 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133134.D

Acq: 28 Apr 2023 21:56

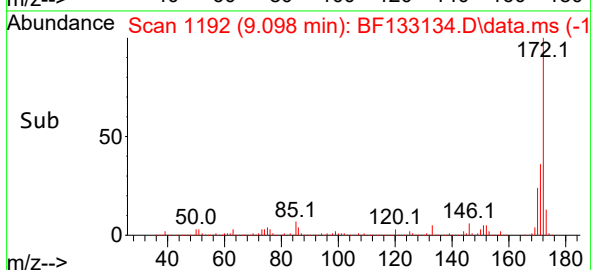
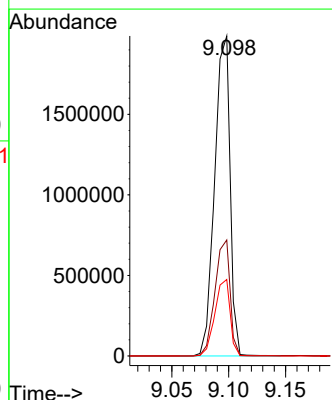
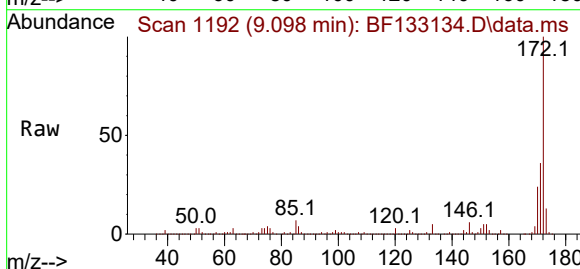
Tgt Ion:172 Resp: 1873217

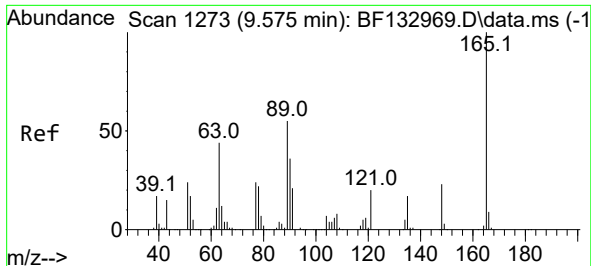
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.9 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.118 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF133134.D

Acq: 28 Apr 2023 21:56

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-02

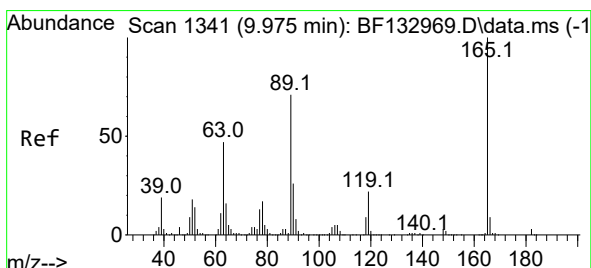
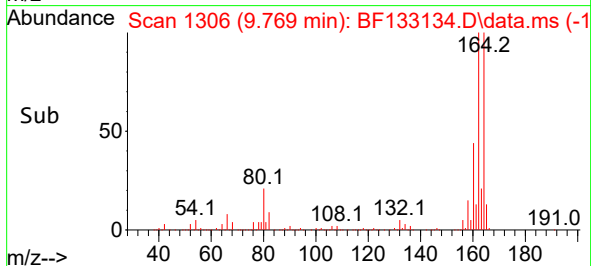
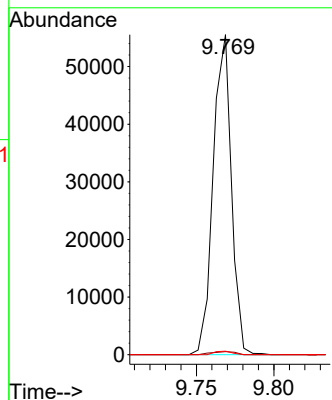
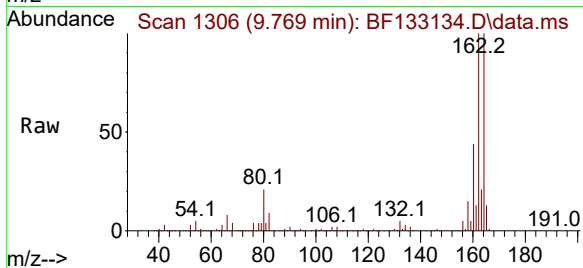
Tgt Ion:165 Resp: 45333

Ion Ratio Lower Upper

165 100

63 0.9 45.9 68.9#

89 1.1 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.366 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF133134.D

Acq: 28 Apr 2023 21:56

Tgt Ion:165 Resp: 45333

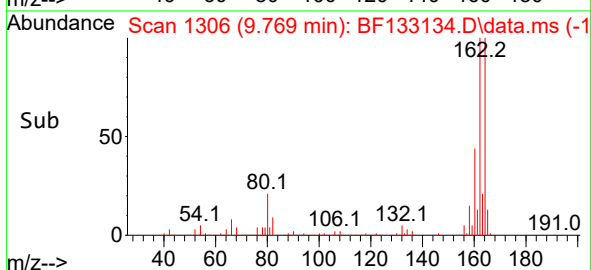
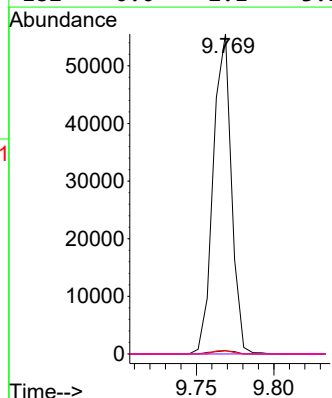
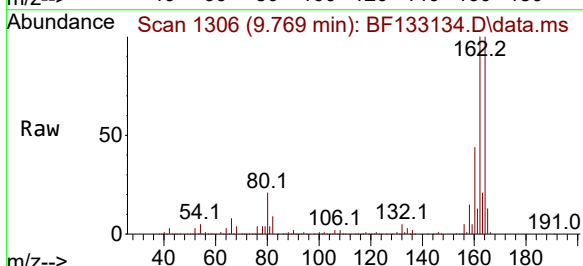
Ion Ratio Lower Upper

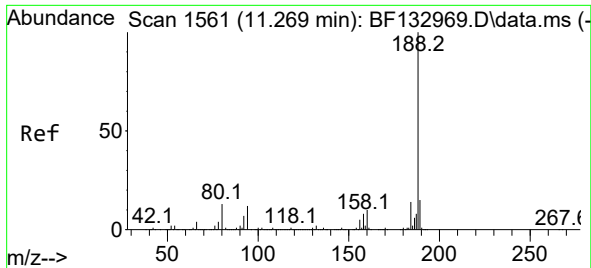
165 100

63 0.9 37.7 56.5#

89 1.1 57.0 85.4#

182 0.0 2.1 3.1#

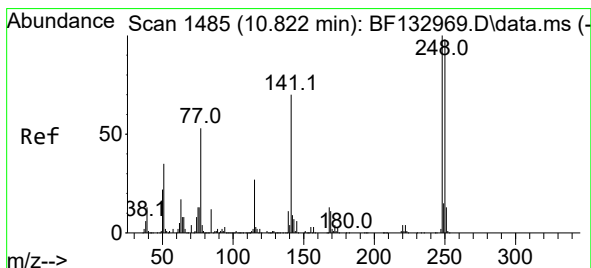
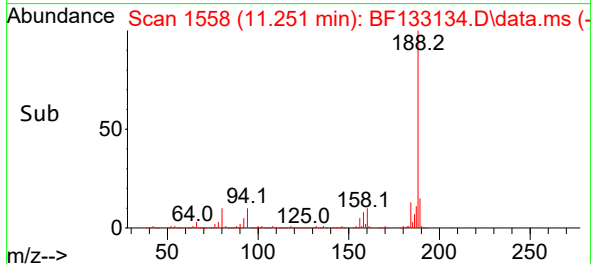
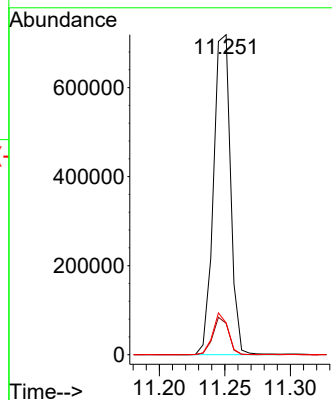
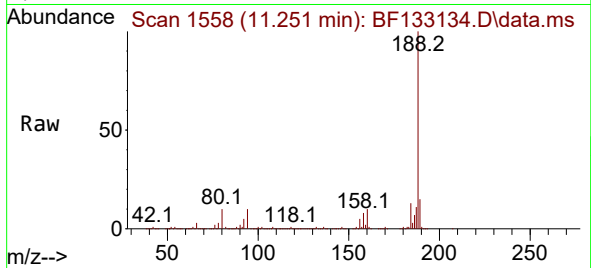




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

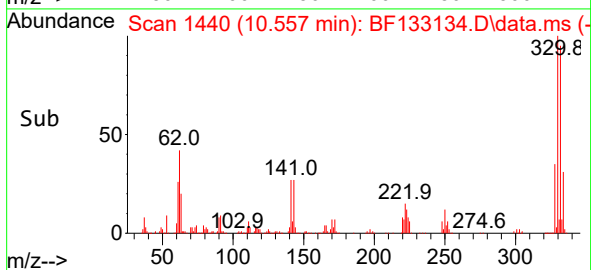
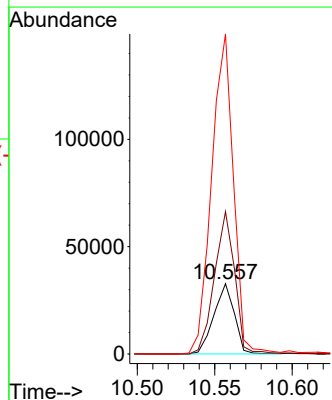
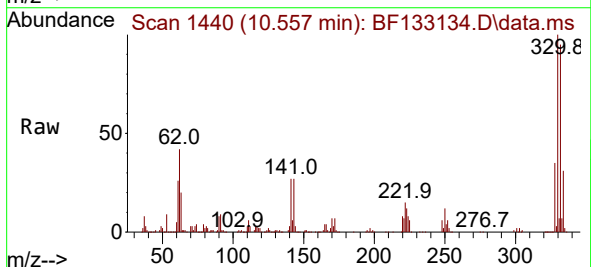
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-02

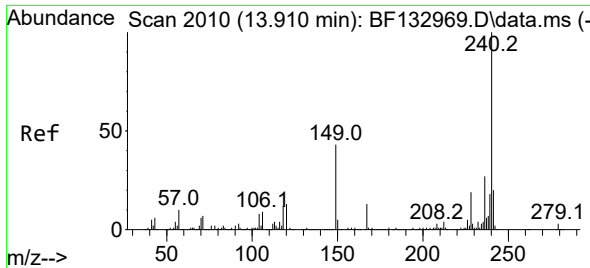
Tgt Ion:188 Resp: 649854
Ion Ratio Lower Upper
188 100
94 9.8 9.7 14.5
80 9.9 10.4 15.6#



#67
4-Bromophenyl-phenylether
Concen: 4.282 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

Tgt Ion:248 Resp: 30181
Ion Ratio Lower Upper
248 100
250 202.4 78.7 118.1#
141 455.1 56.3 84.5#

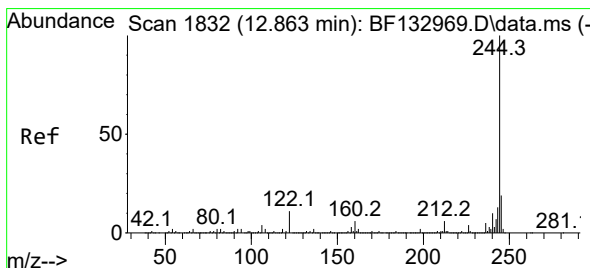
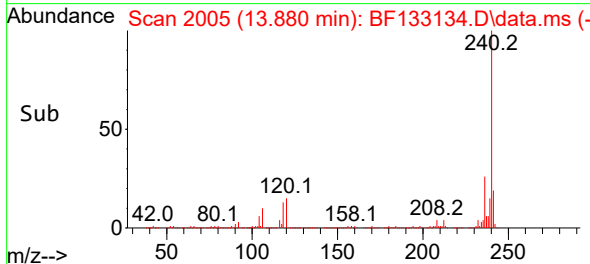
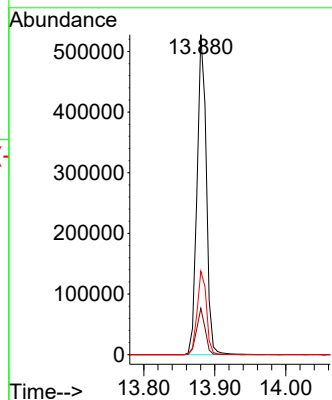
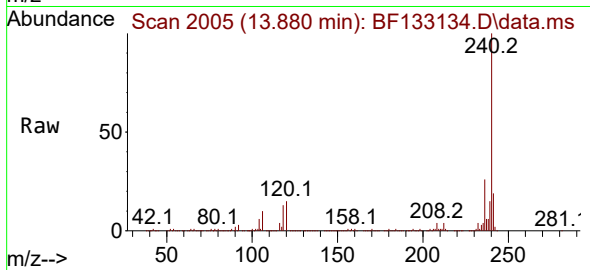




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

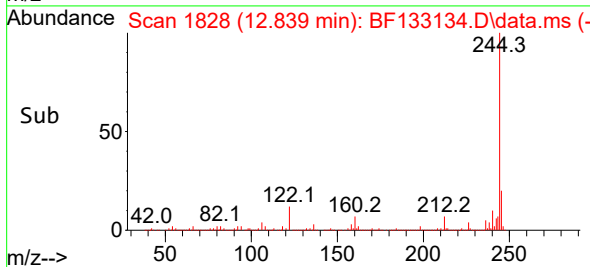
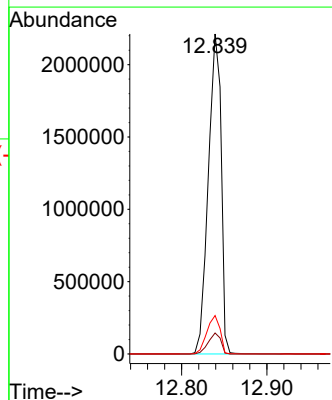
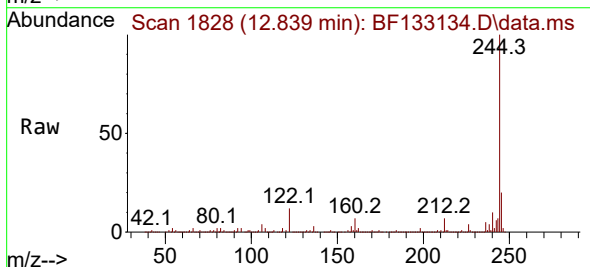
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-02

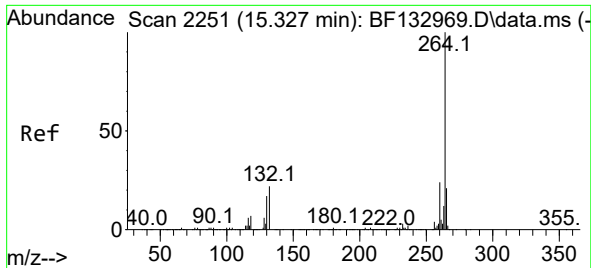
Tgt Ion:240 Resp: 479939
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.1 21.5 32.3



#79
Terphenyl-d14
Concen: 83.167 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

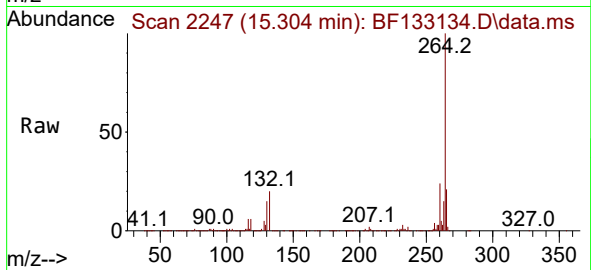
Tgt Ion:244 Resp: 2314374
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.0 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133134.D
Acq: 28 Apr 2023 21:56

Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-02



Tgt Ion:264 Resp: 391503
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.4 17.0 25.4

