

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132349.D
 Acq On : 07 Feb 2023 17:38
 Operator : CG\JU
 Sample : 01466-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-3

Quant Time: Feb 08 04:00:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

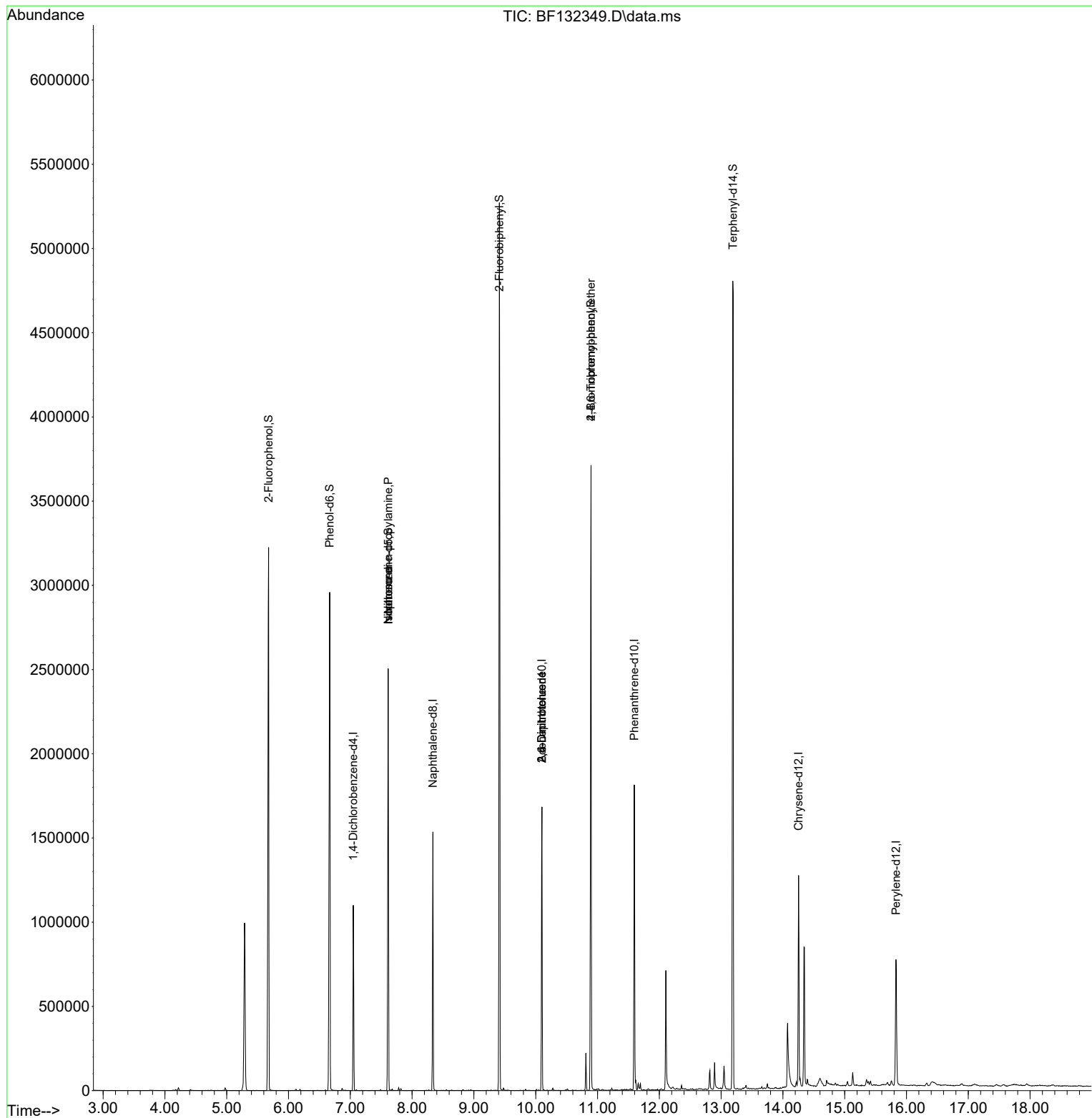
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	162612	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	629538	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	332830	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	629100	20.000	ng	0.00
76) Chrysene-d12	14.254	240	382814	20.000	ng	-0.01
86) Perylene-d12	15.830	264	350749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1137810	112.471	ng	0.01
7) Phenol-d6	6.666	99	1376979	110.404	ng	0.00
23) Nitrobenzene-d5	7.613	82	823483	72.791	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	485608	141.879	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1575949	73.120	ng	0.00
79) Terphenyl-d14	13.195	244	1840306	92.993	ng	0.00
Target Compounds						
9) Benzaldehyde	6.595	77	202	Below Cal	Qvalue	# 29
19) n-Nitroso-di-n-propyla...	7.613	70	100113	14.131	ng	# 77
25) Isophorone	7.613	82	823472	38.351	ng	# 64
51) 2,6-Dinitrotoluene	10.101	165	43138	8.296	ng	# 24
57) 2,4-Dinitrotoluene	10.101	165	43138	6.387	ng	# 23
67) 4-Bromophenyl-phenylether	10.895	248	27781	4.313	ng	# 1

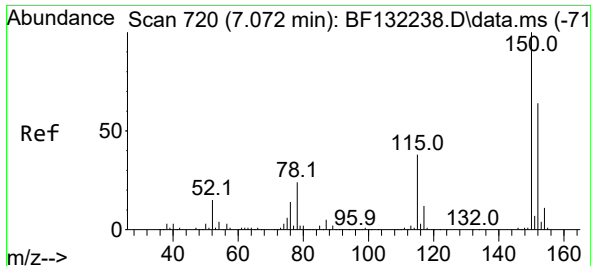
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

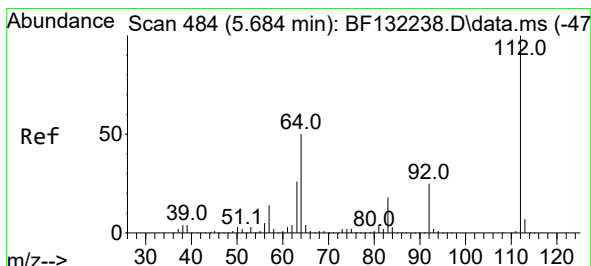
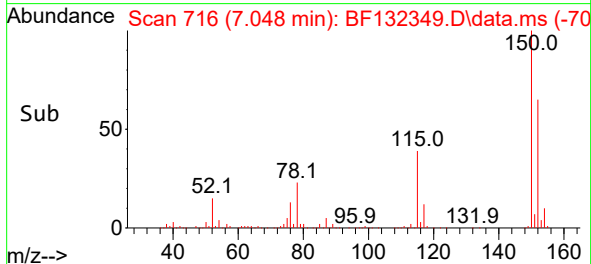
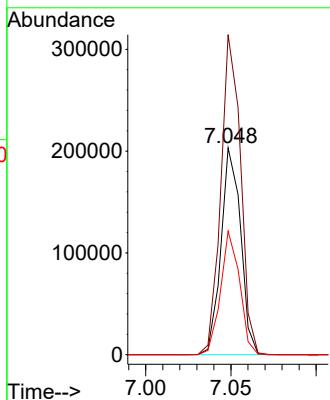
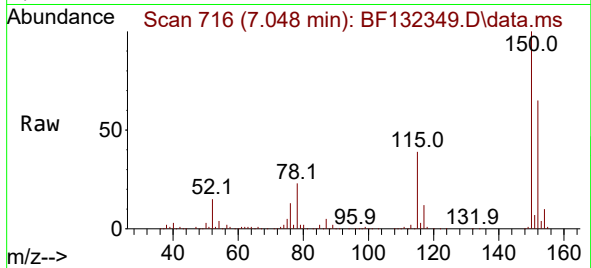




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132349.D
 Acq: 07 Feb 2023 17:38

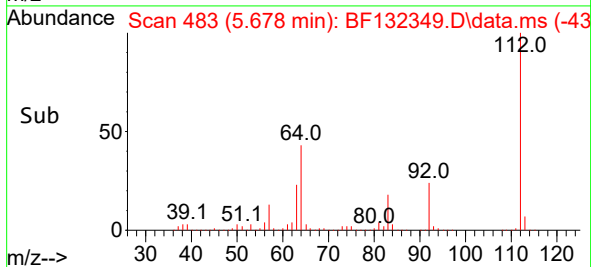
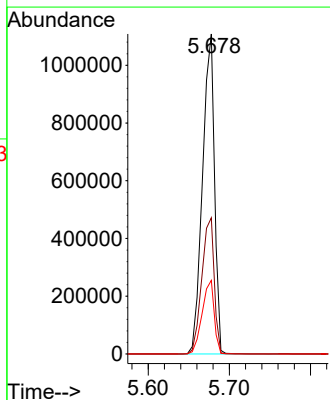
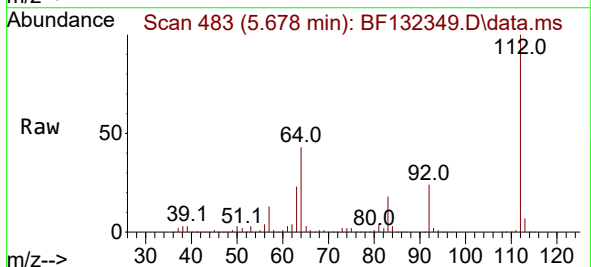
Instrument :
 BNA_F
 ClientSampleId :
 A-3

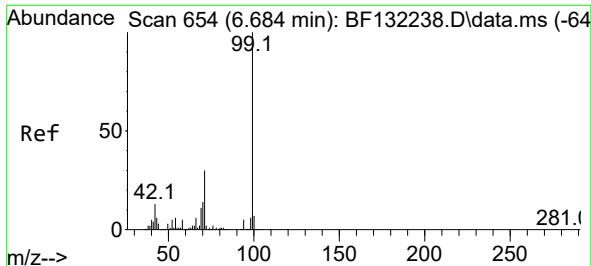
Tgt Ion:152 Resp: 162612
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 59.8 47.3 70.9



#5
 2-Fluorophenol
 Concen: 112.471 ng
 RT: 5.678 min Scan# 483
 Delta R.T. 0.012 min
 Lab File: BF132349.D
 Acq: 07 Feb 2023 17:38

Tgt Ion:112 Resp: 1137810
 Ion Ratio Lower Upper
 112 100
 64 42.6 40.0 60.0
 63 23.0 20.5 30.7

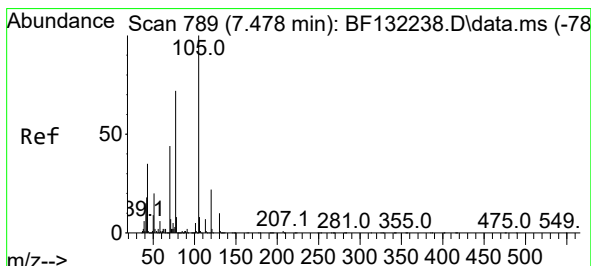
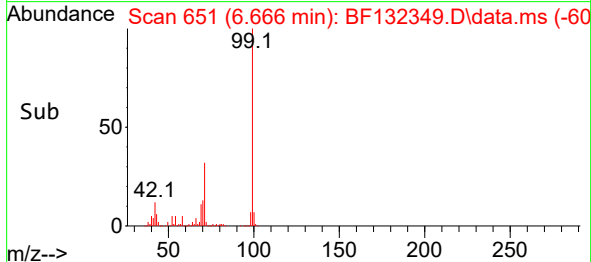
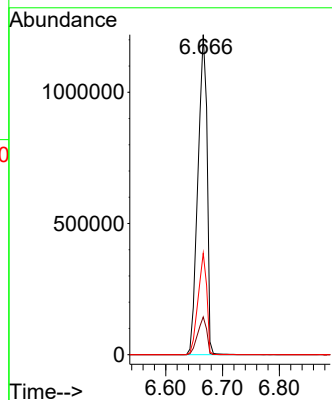
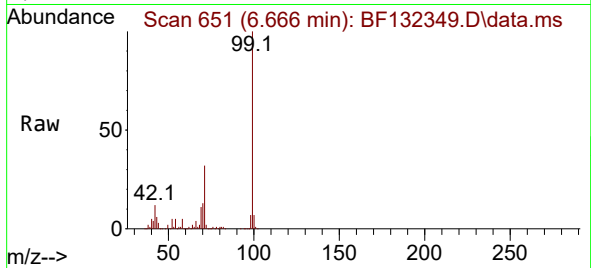




#7
Phenol-d6
Concen: 110.404 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

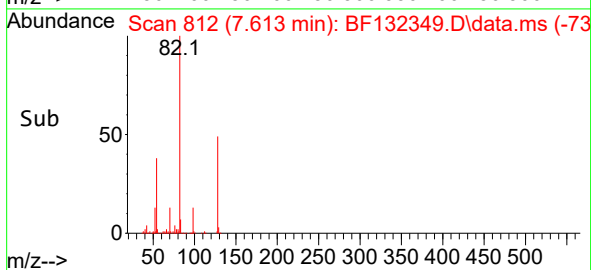
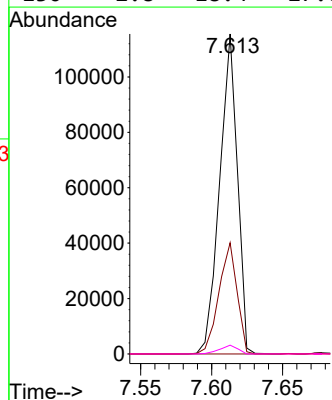
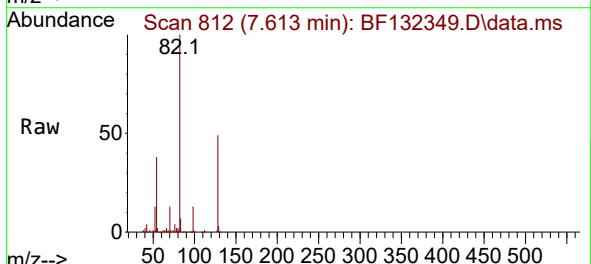
Instrument :
BNA_F
ClientSampleId :
A-3

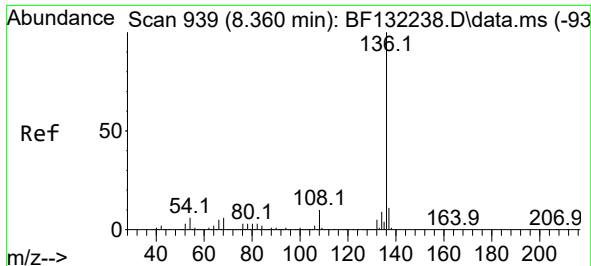
Tgt Ion: 99 Resp: 1376979
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 31.7 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.131 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

Tgt Ion: 70 Resp: 100113
Ion Ratio Lower Upper
70 100
42 34.7 33.4 50.0
101 0.0 8.2 12.4#
130 2.8 18.4 27.6#



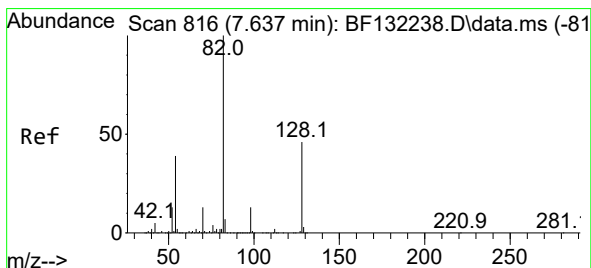
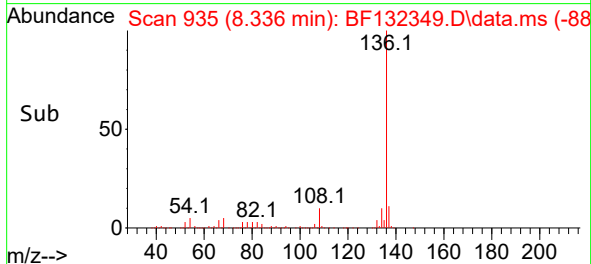
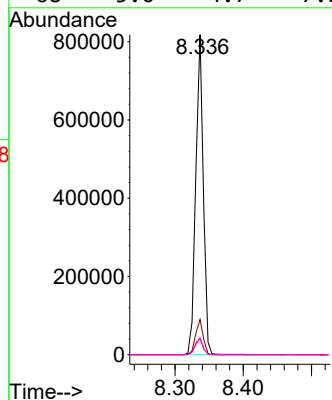
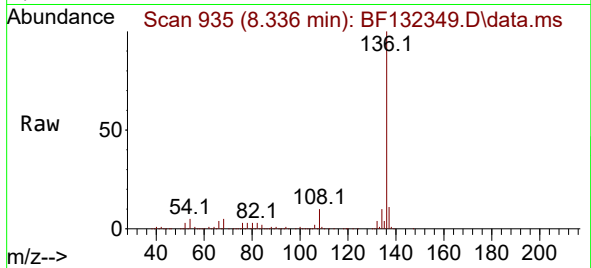


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

Instrument :
BNA_F
ClientSampleId :
A-3

Tgt Ion:136 Resp: 629538

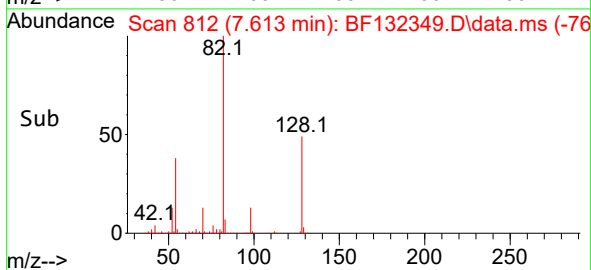
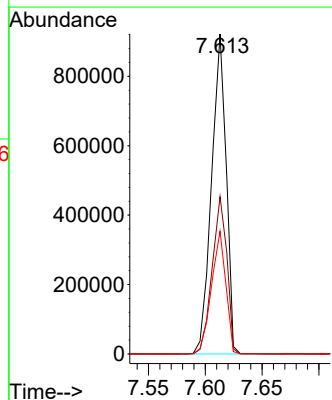
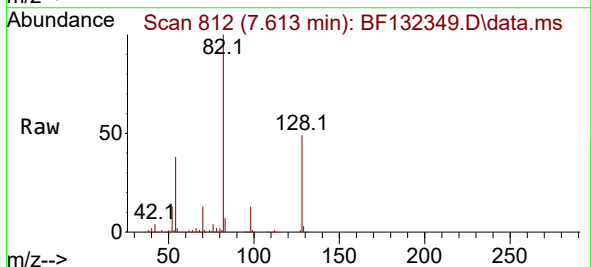
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.2	4.9	7.3
68	5.0	4.7	7.1

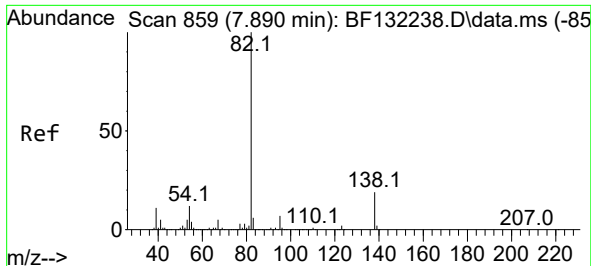


#23
Nitrobenzene-d5
Concen: 72.791 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

Tgt Ion: 82 Resp: 823483

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.0	55.4
54	38.3	31.5	47.3

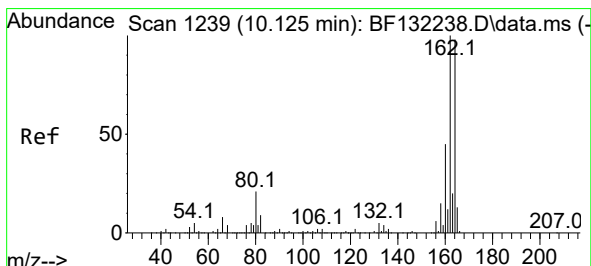
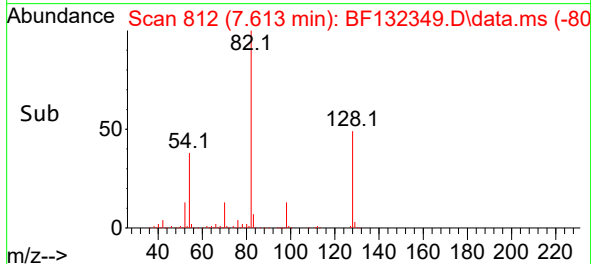
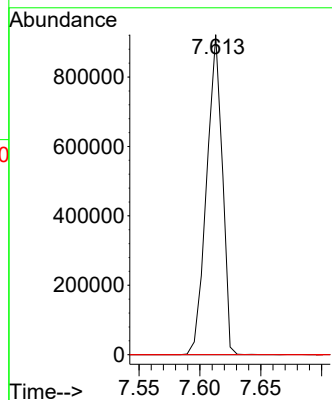
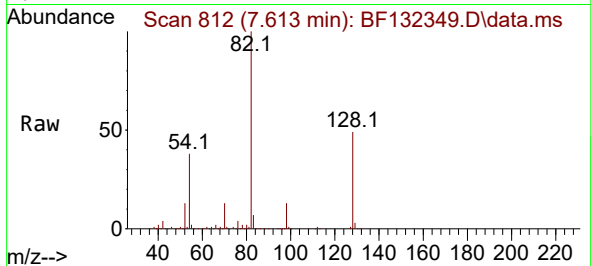




#25
Isophorone
Concen: 38.351 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

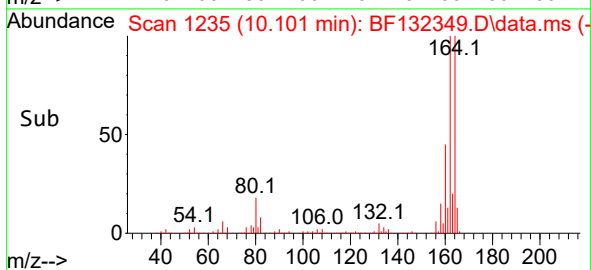
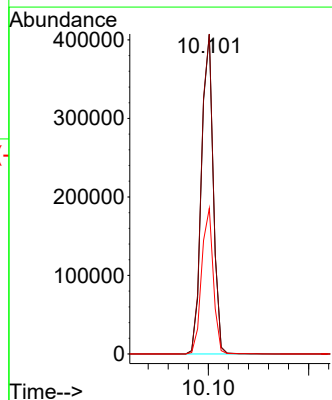
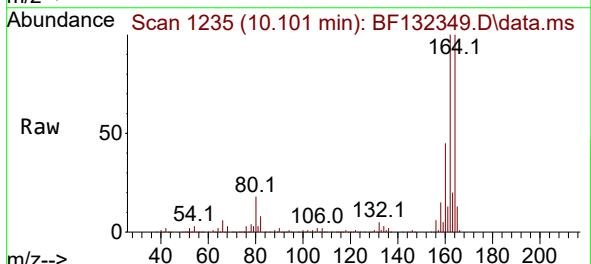
Instrument :
BNA_F
ClientSampleId :
A-3

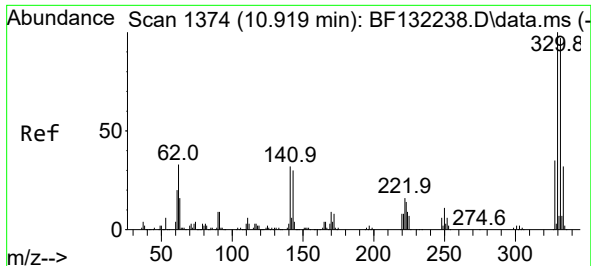
Tgt Ion: 82 Resp: 823472
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

Tgt Ion:164 Resp: 332830
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 45.6 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 141.879 ng

RT: 10.895 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132349.D

Acq: 07 Feb 2023 17:38

Instrument :

BNA_F

ClientSampleId :

A-3

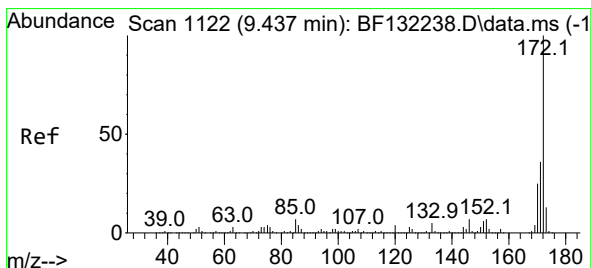
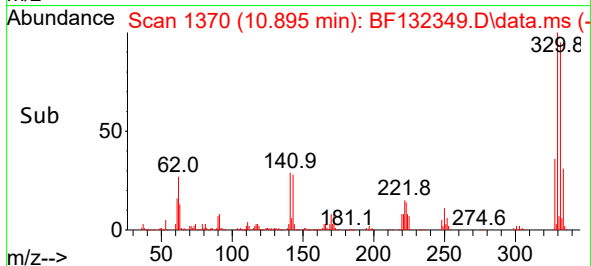
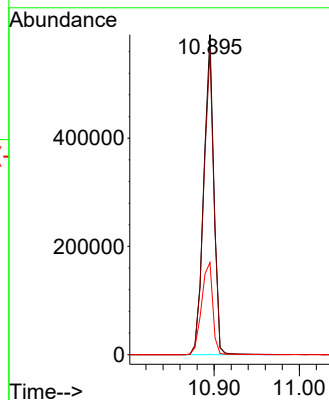
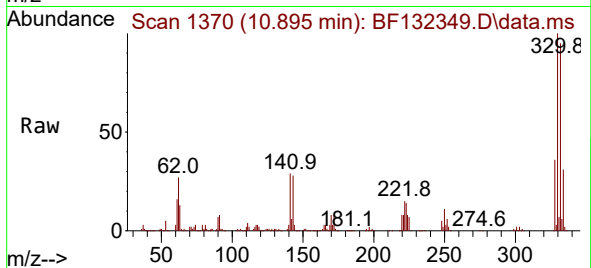
Tgt Ion:330 Resp: 485608

Ion Ratio Lower Upper

330 100

332 96.3 77.9 116.9

141 32.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 73.120 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132349.D

Acq: 07 Feb 2023 17:38

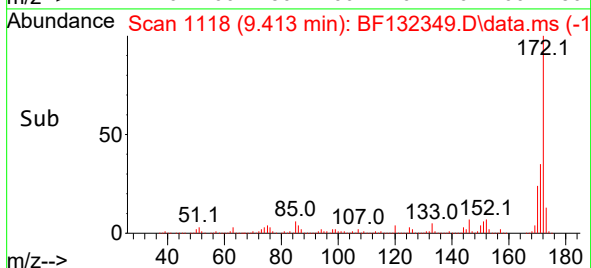
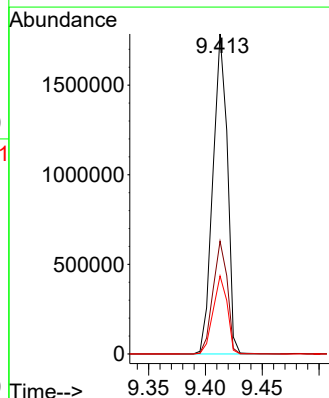
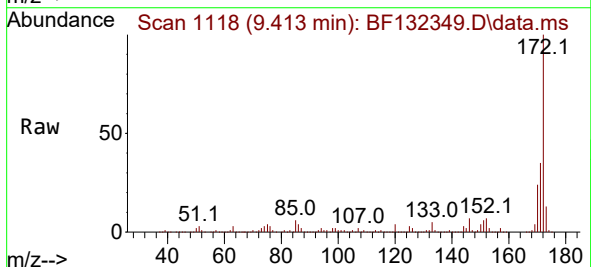
Tgt Ion:172 Resp: 1575949

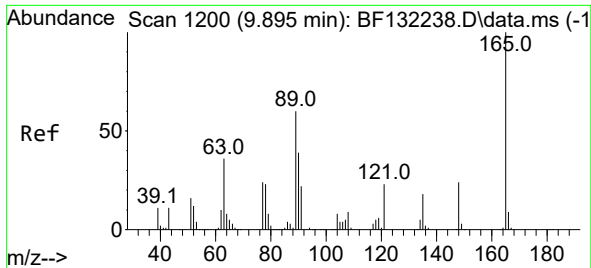
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 24.4 19.7 29.5

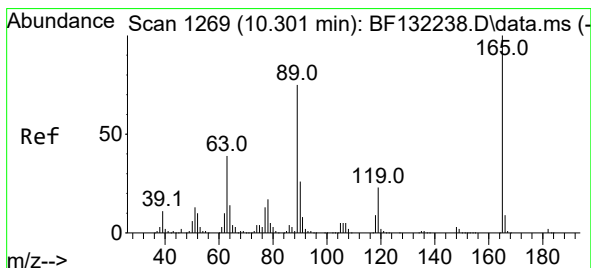
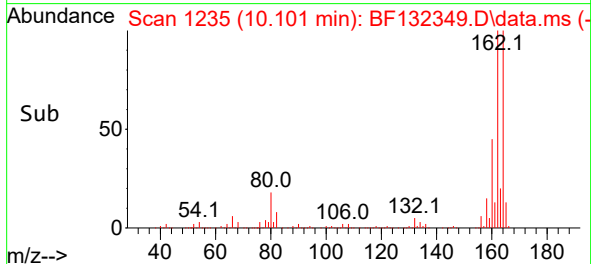
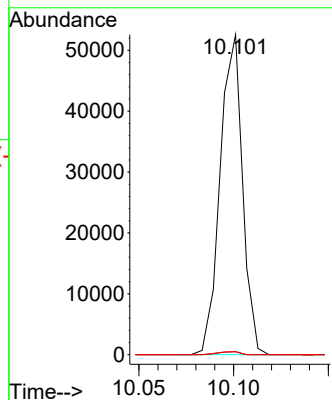
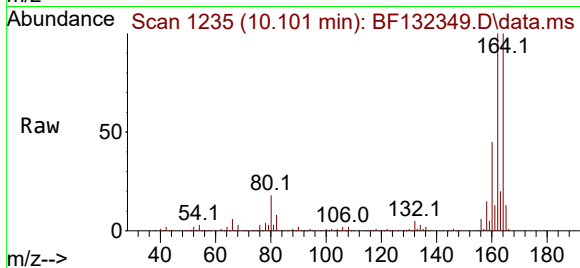




#51
2,6-Dinitrotoluene
Concen: 8.296 ng
RT: 10.101 min Scan# 1235
Delta R.T. 0.218 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

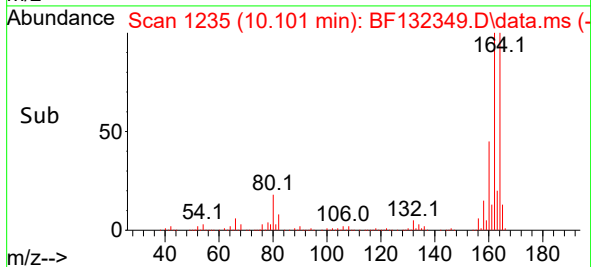
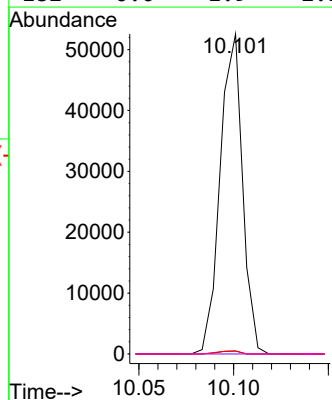
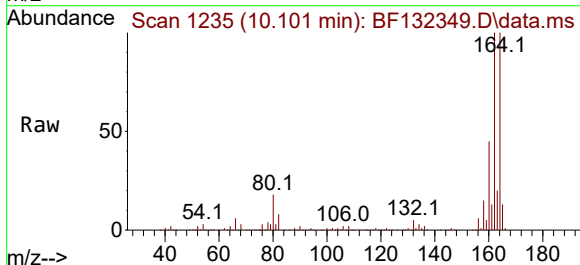
Instrument :
BNA_F
ClientSampleId :
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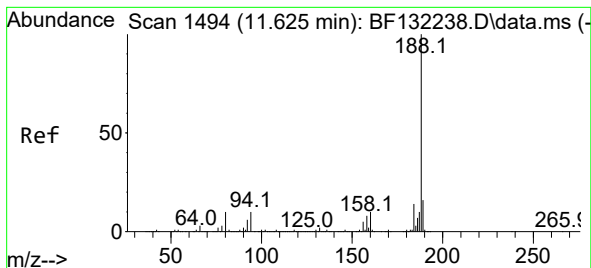
Tgt Ion:165 Resp: 43138
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.387 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.182 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

Tgt Ion:165 Resp: 43138
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.0 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.595 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132349.D

Acq: 07 Feb 2023 17:38

Instrument :

BNA_F

ClientSampleId :

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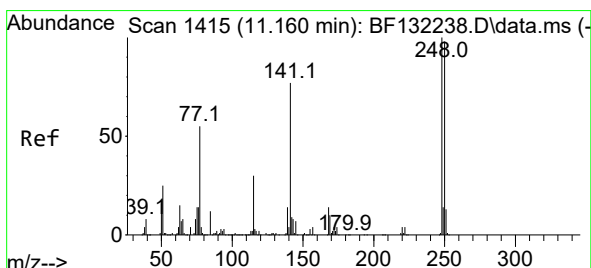
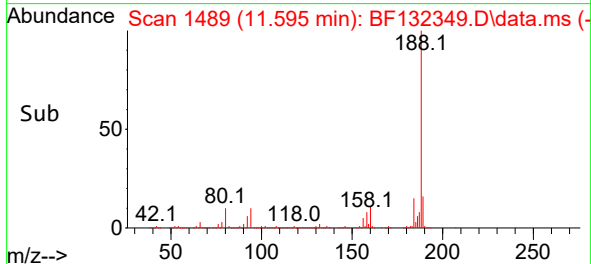
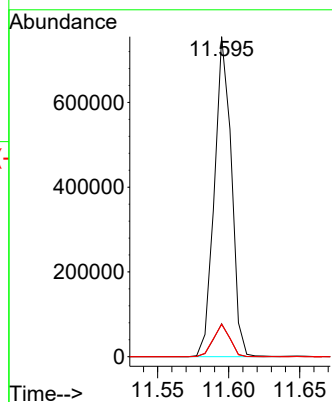
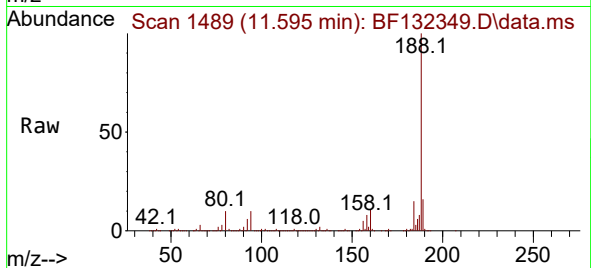
Tgt Ion:188 Resp: 629100

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.1 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.313 ng

RT: 10.895 min Scan# 1370

Delta R.T. -0.241 min

Lab File: BF132349.D

Acq: 07 Feb 2023 17:38

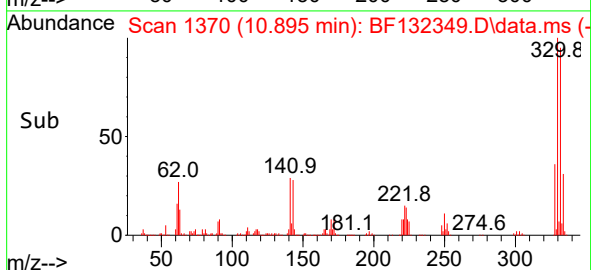
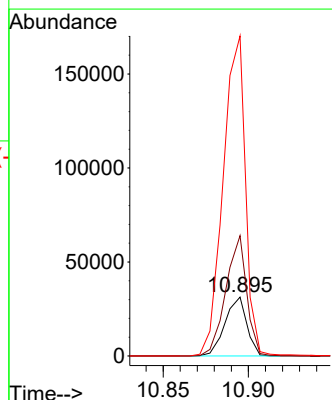
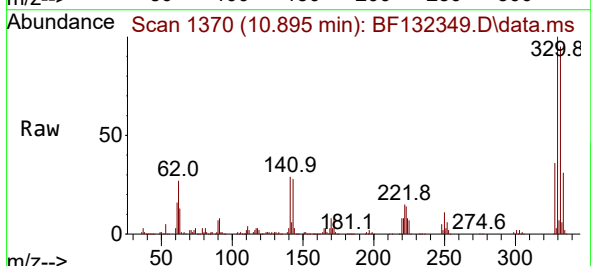
Tgt Ion:248 Resp: 27781

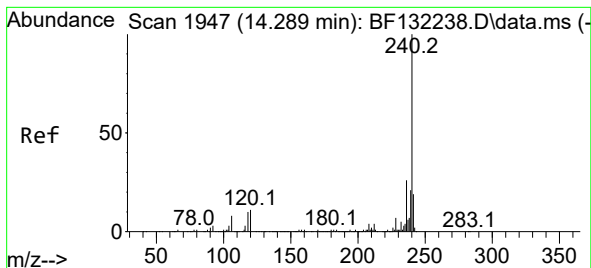
Ion Ratio Lower Upper

248 100

250 204.4 78.6 117.8#

141 543.8 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.012 min

Lab File: BF132349.D

Acq: 07 Feb 2023 17:38

Instrument :

BNA_F

ClientSampleId :

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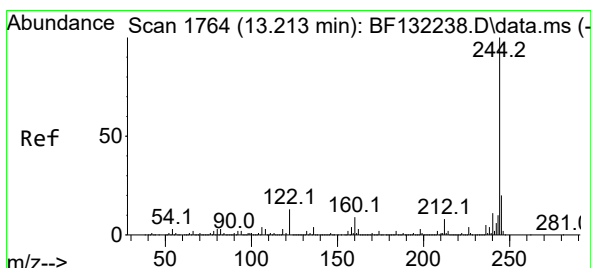
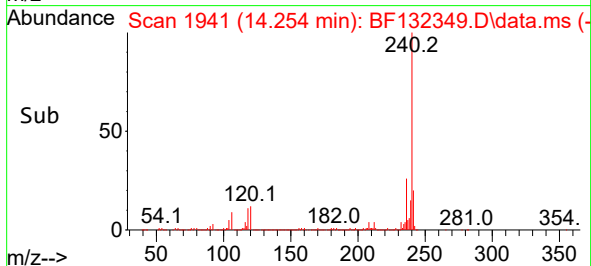
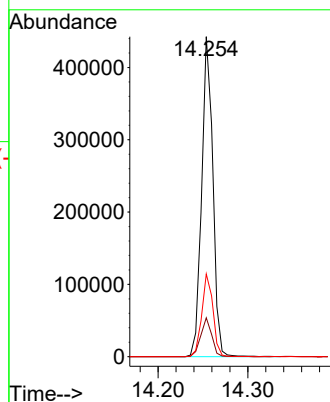
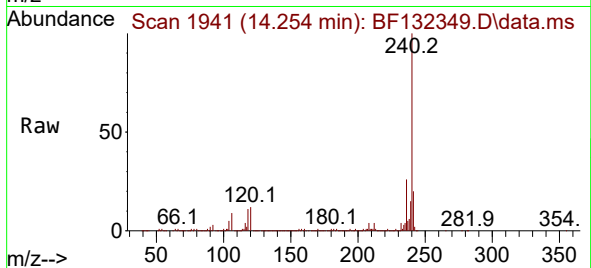
Tgt Ion:240 Resp: 382814

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

236 25.9 21.0 31.6



#79

Terphenyl-d14

Concen: 92.993 ng

RT: 13.195 min Scan# 1761

Delta R.T. -0.000 min

Lab File: BF132349.D

Acq: 07 Feb 2023 17:38

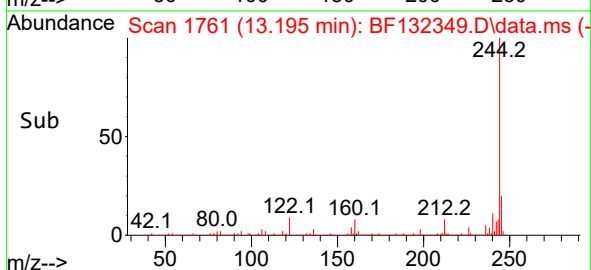
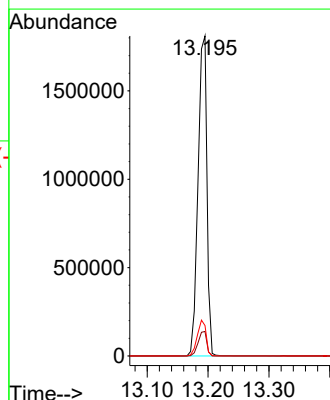
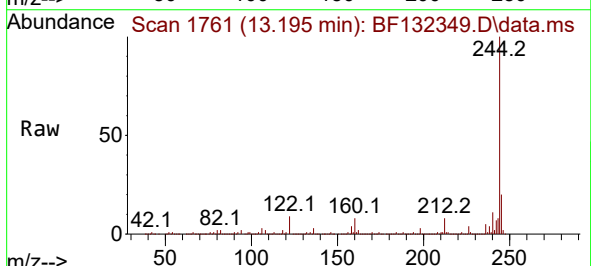
Tgt Ion:244 Resp: 1840306

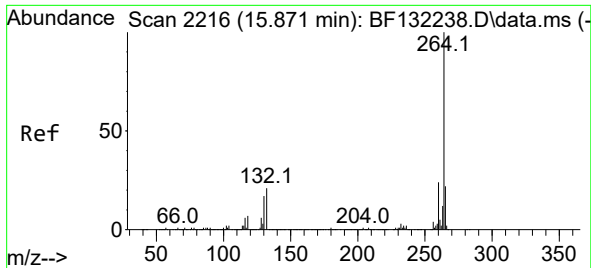
Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

122 9.5 10.5 15.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.830 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132349.D
Acq: 07 Feb 2023 17:38

Instrument :
BNA_F
ClientSampleId :
A-3

Tgt Ion:264 Resp: 350749
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.2 17.4 26.2

