

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132038.D
 Acq On : 12 Jan 2023 12:50
 Operator : CG\JU
 Sample : PB150056TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150056TB

Quant Time: Jan 13 01:30:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

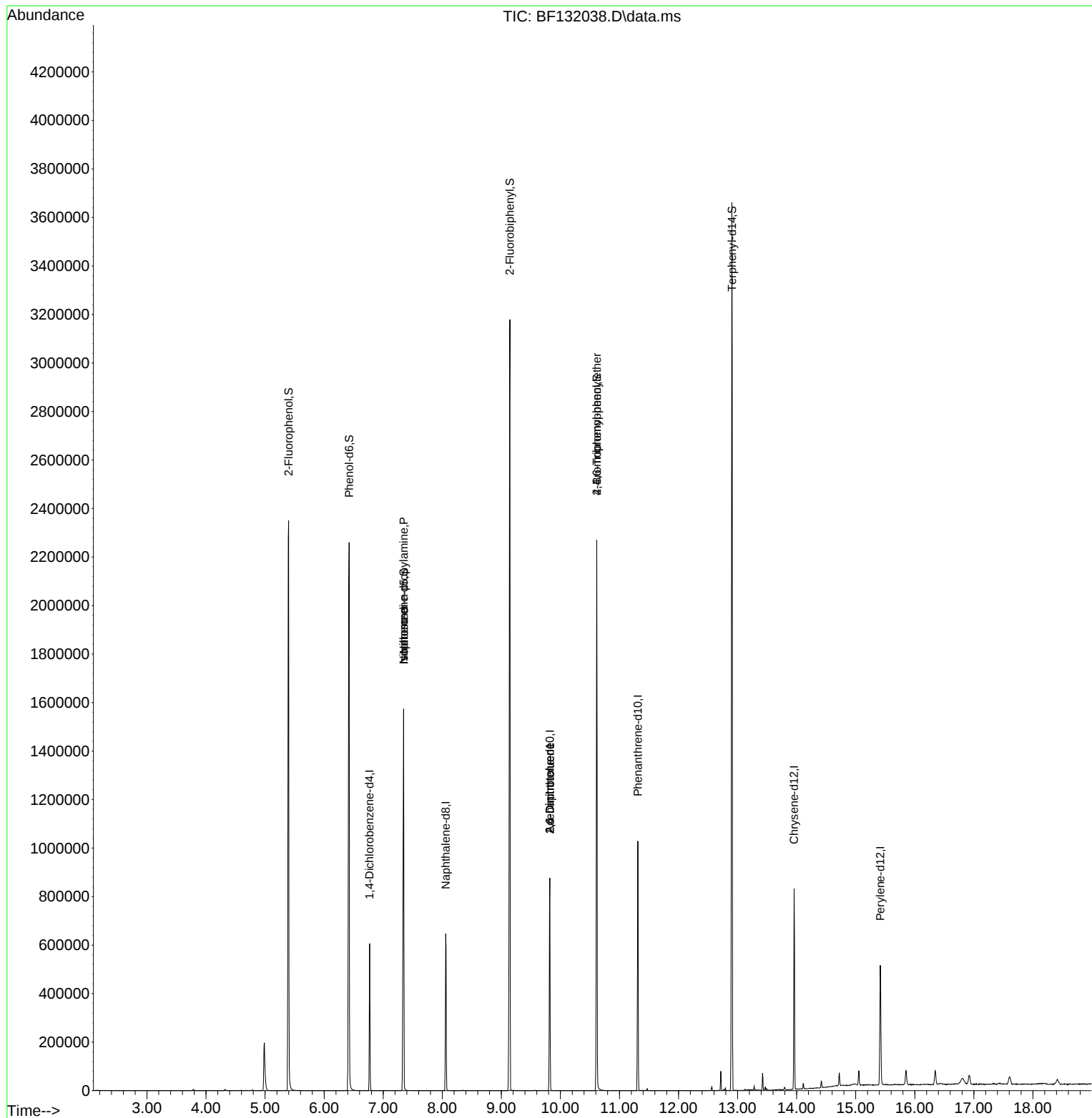
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	77240	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	287527	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	176123	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	348648	20.000	ng	0.00
76) Chrysene-d12	13.957	240	273394	20.000	ng	# 0.00
86) Perylene-d12	15.416	264	199255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	635734	135.623	ng	0.02
7) Phenol-d6	6.422	99	819683	131.886	ng	0.00
23) Nitrobenzene-d5	7.345	82	564798	81.526	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	244024	120.504	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1019110	78.114	ng	0.00
79) Terphenyl-d14	12.904	244	1346530	70.592	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	78070	17.365	ng	# 78
25) Isophorone	7.345	82	562536	43.465	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	22079	7.647	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	22079	5.719	ng	# 13
67) 4-Bromophenyl-phenylether	10.616	248	16606	3.807	ng	# 1

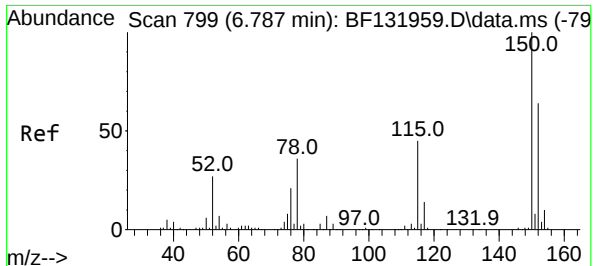
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 23:59:08 2023
Response via : Initial Calibration

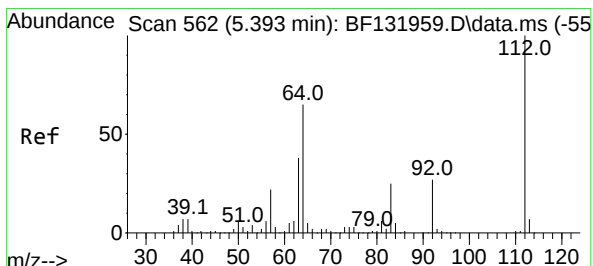
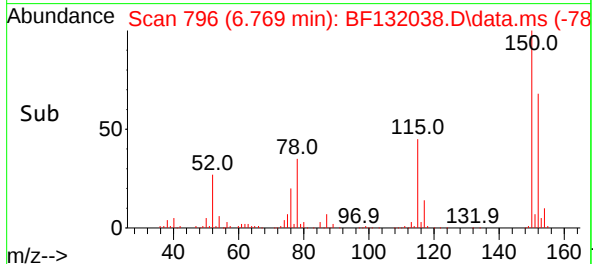
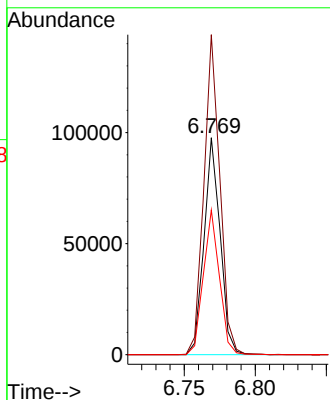
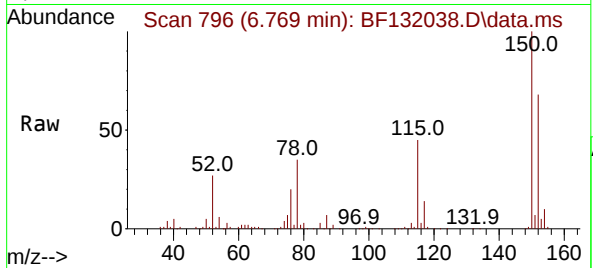




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

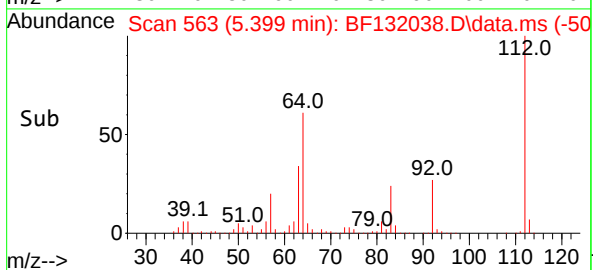
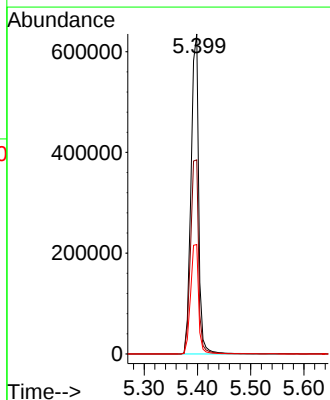
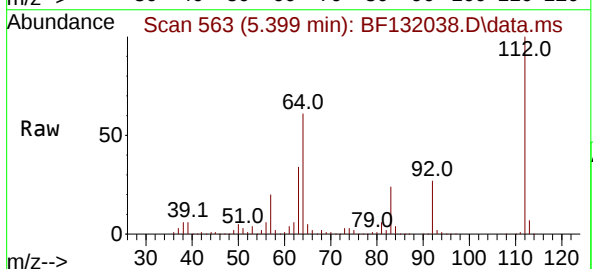
Instrument :
BNA_F
ClientSampleId :
PB150056TB

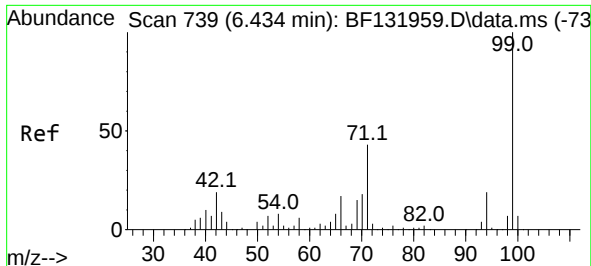
Tgt Ion:152 Resp: 77240
Ion Ratio Lower Upper
152 100
150 147.5 124.6 186.8
115 66.7 55.6 83.4



#5
2-Fluorophenol
Concen: 135.623 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

Tgt Ion:112 Resp: 635734
Ion Ratio Lower Upper
112 100
64 60.6 51.9 77.9
63 34.2 30.2 45.2

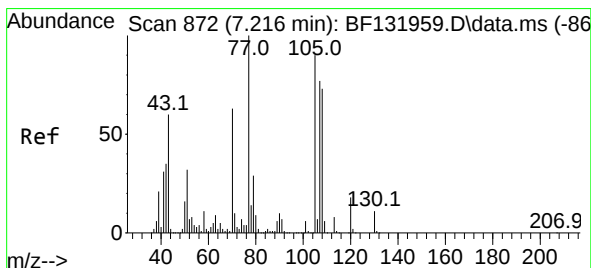
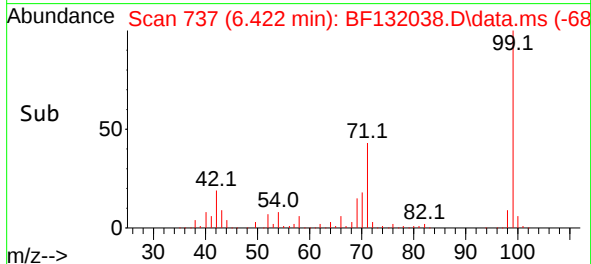
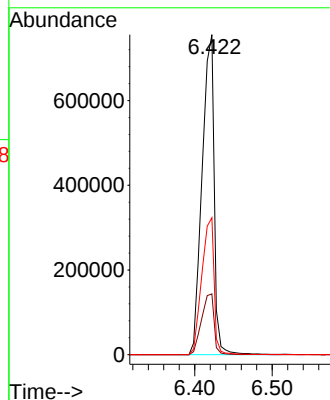
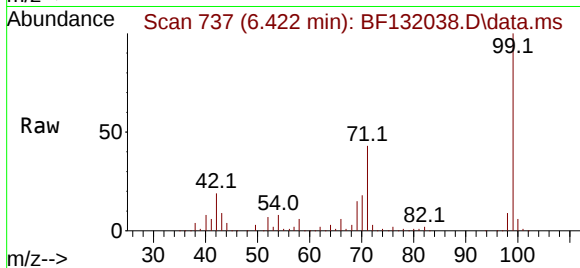




#7
Phenol-d6
Concen: 131.886 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

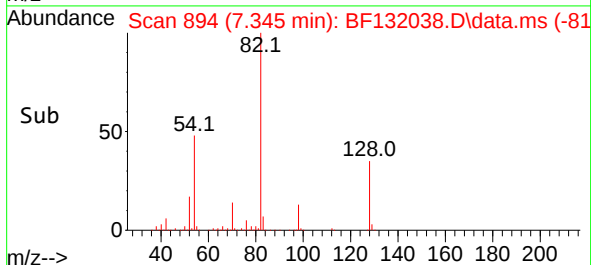
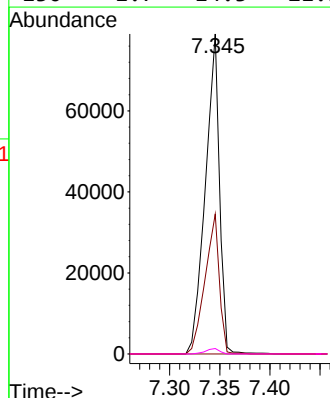
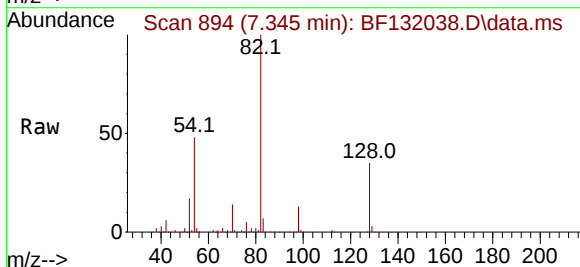
Instrument :
BNA_F
ClientSampleId :
PB150056TB

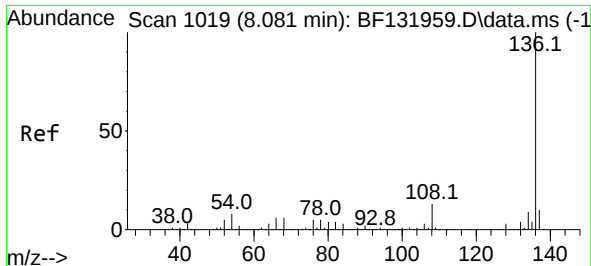
Tgt Ion: 99 Resp: 819683
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.2
71 42.8 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.365 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

Tgt Ion: 70 Resp: 78070
Ion Ratio Lower Upper
70 100
42 43.7 44.3 66.5#
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#





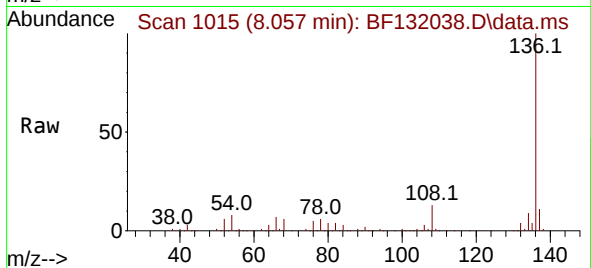
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

Instrument :

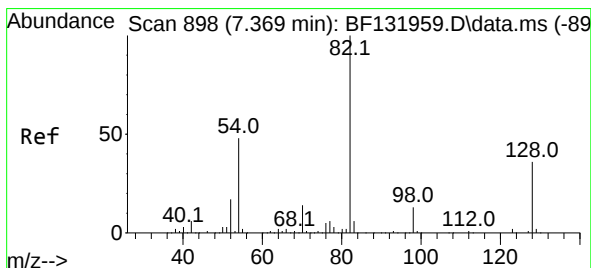
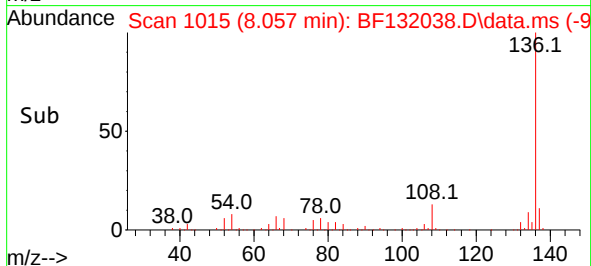
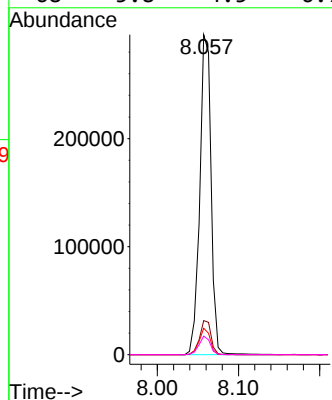
BNA_F

ClientSampleId :

PB150056TB

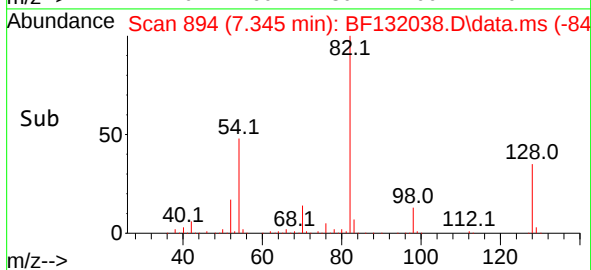
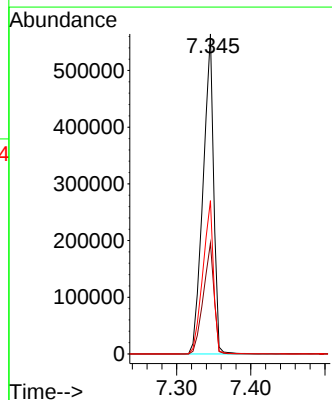
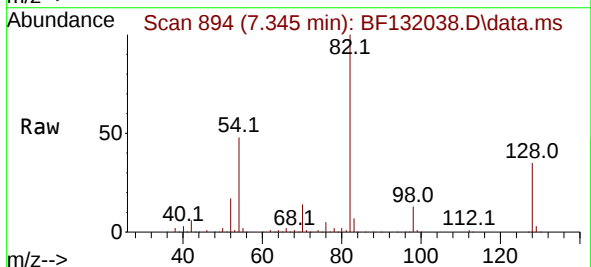


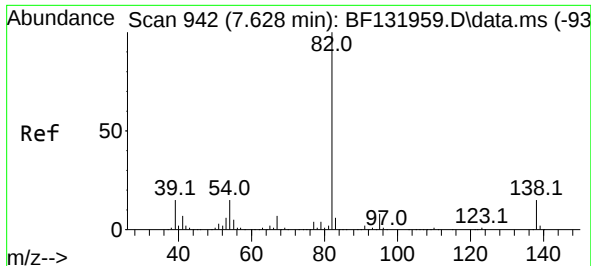
Tgt Ion:136 Resp: 287527
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 8.2 6.6 9.8
68 5.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 81.526 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

Tgt Ion: 82 Resp: 564798
Ion Ratio Lower Upper
82 100
128 34.7 28.7 43.1
54 47.9 38.1 57.1

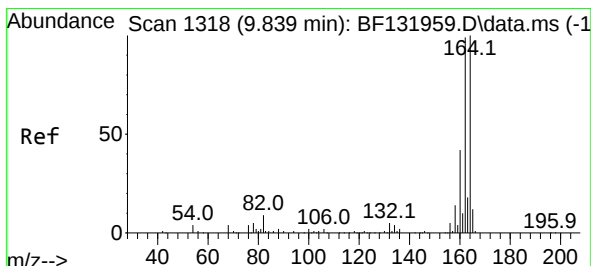
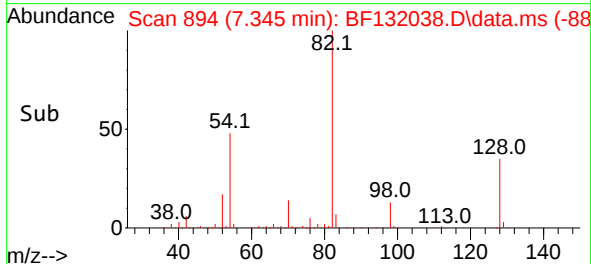
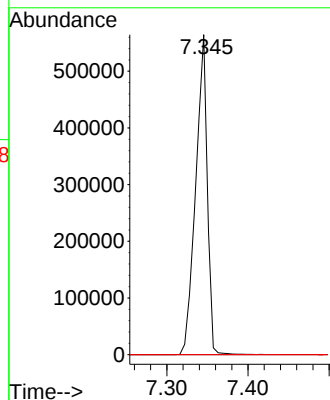
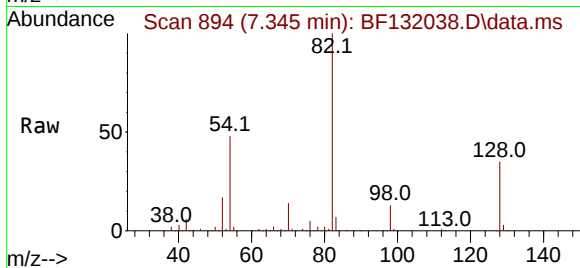




#25
Isophorone
Concen: 43.465 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

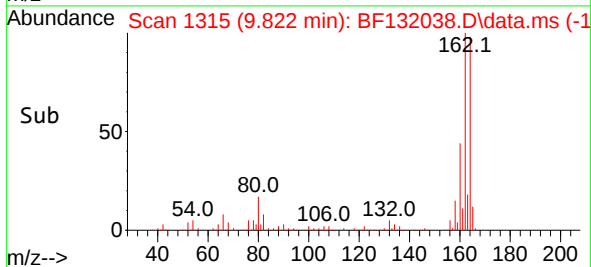
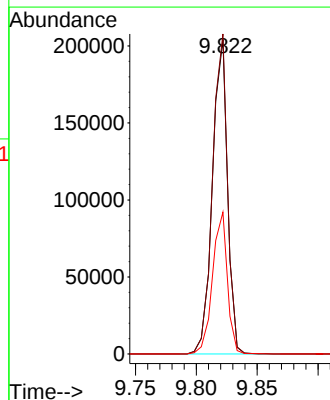
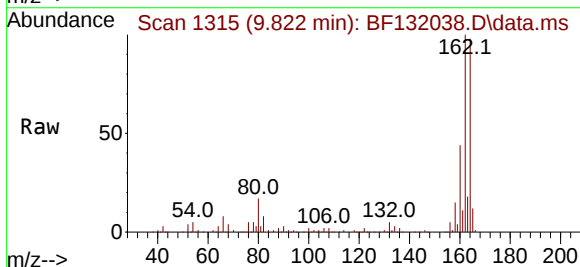
Instrument :
BNA_F
ClientSampleId :
PB150056TB

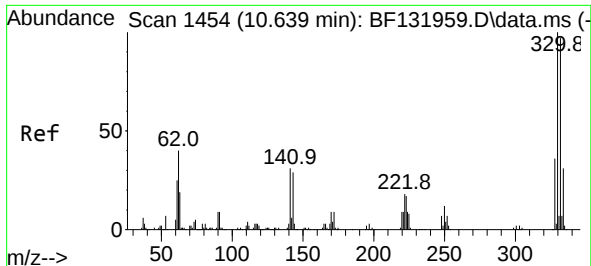
Tgt Ion: 82 Resp: 562536
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

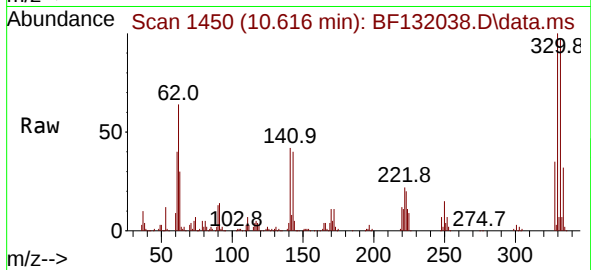
Tgt Ion: 164 Resp: 176123
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 45.1 33.9 50.9



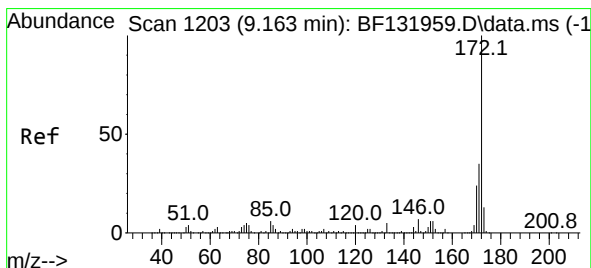
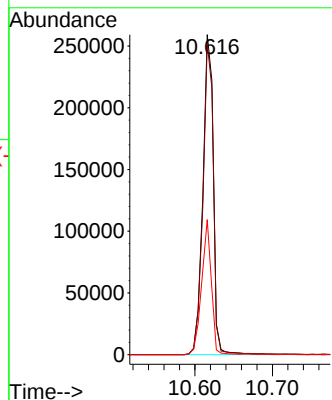
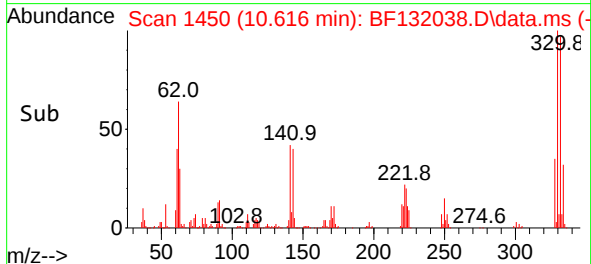


#42
2,4,6-Tribromophenol
Concen: 120.504 ng
RT: 10.616 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50

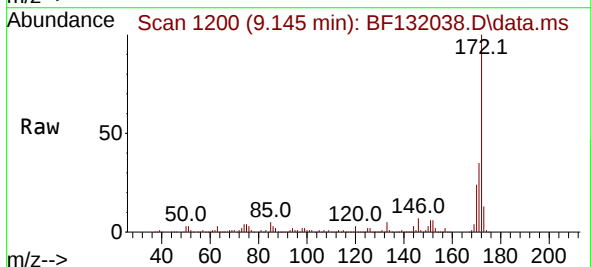
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BNA_F
ClientSampleId :
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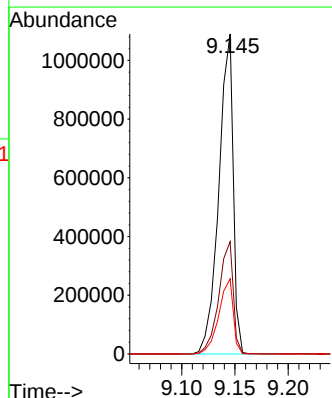
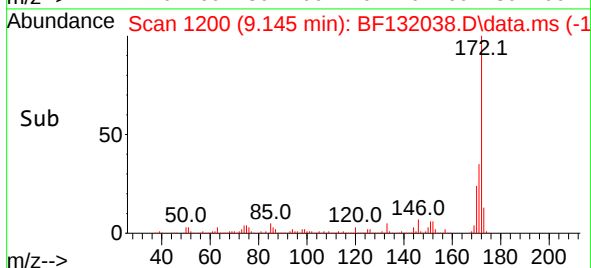
Tgt Ion:330 Resp: 244024
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 39.3 31.3 46.9

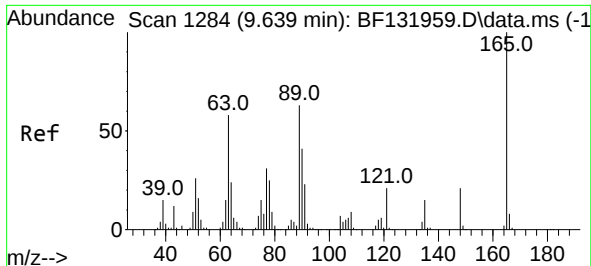


#45
2-Fluorobiphenyl
Concen: 78.114 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF132038.D
Acq: 12 Jan 2023 12:50



Tgt Ion:172 Resp: 1019110
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.5 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 7.647 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.200 min

Lab File: BF132038.D

Acq: 12 Jan 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB150056TB

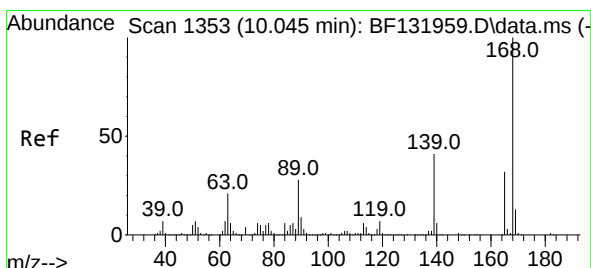
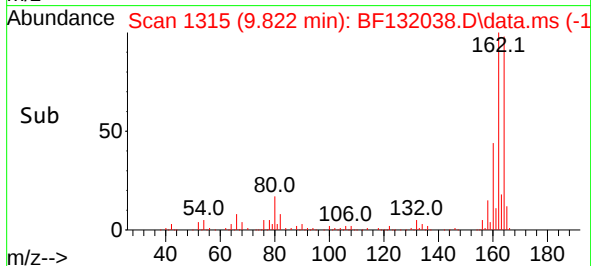
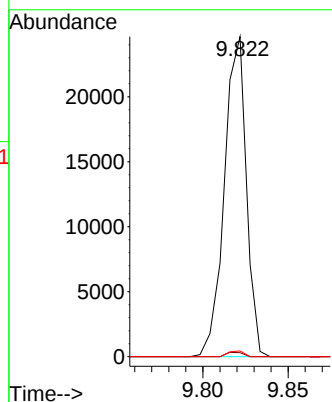
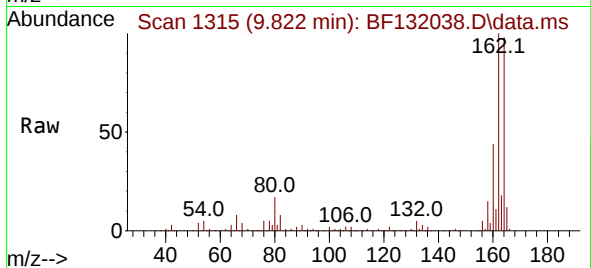
Tgt Ion:165 Resp: 22079

Ion Ratio Lower Upper

165 100

63 1.3 47.4 71.0#

89 1.8 50.2 75.2#



#57

2,4-Dinitrotoluene

Concen: 5.719 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.206 min

Lab File: BF132038.D

Acq: 12 Jan 2023 12:50

Tgt Ion:165 Resp: 22079

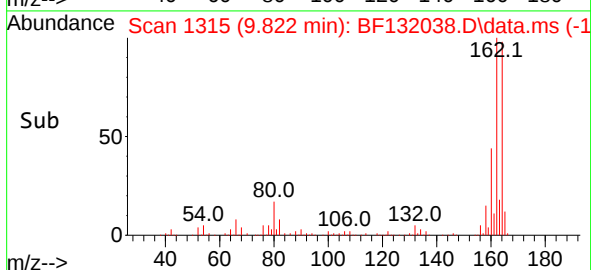
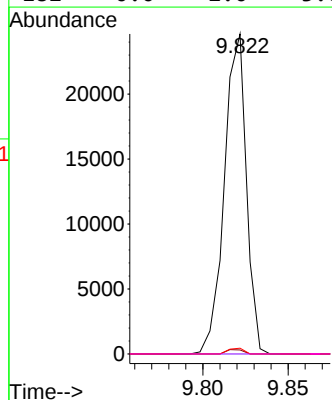
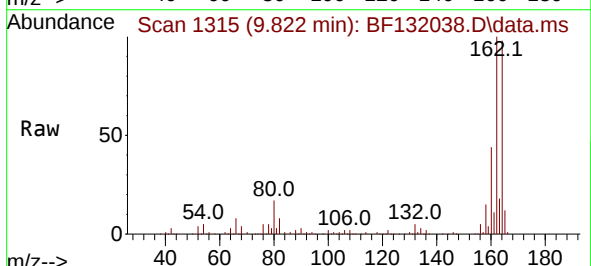
Ion Ratio Lower Upper

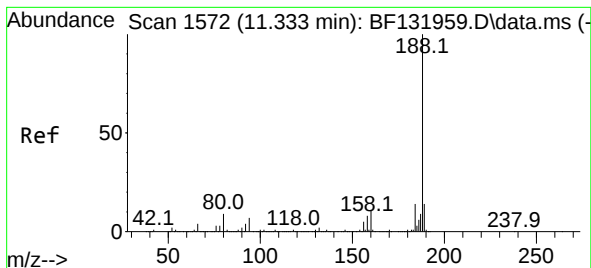
165 100

63 1.3 53.2 79.8#

89 1.8 71.2 106.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132038.D

Acq: 12 Jan 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB150056TB

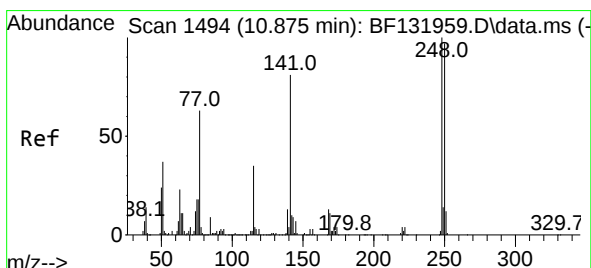
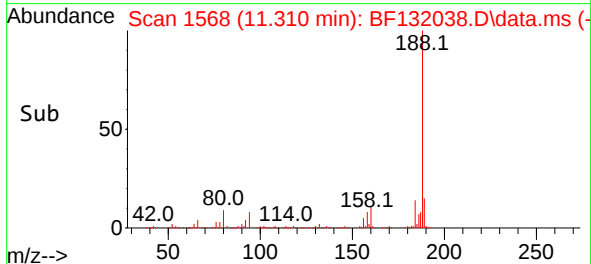
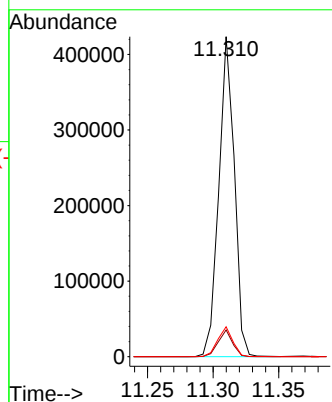
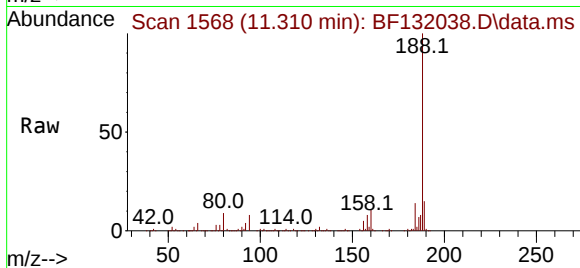
Tgt Ion:188 Resp: 348648

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

80 9.4 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 3.807 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.241 min

Lab File: BF132038.D

Acq: 12 Jan 2023 12:50

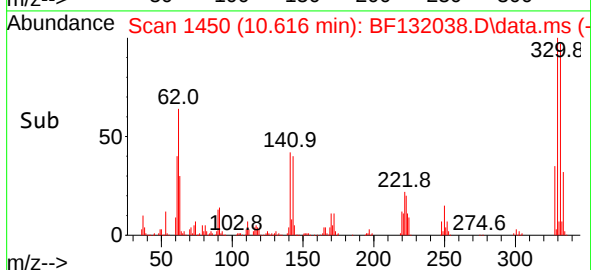
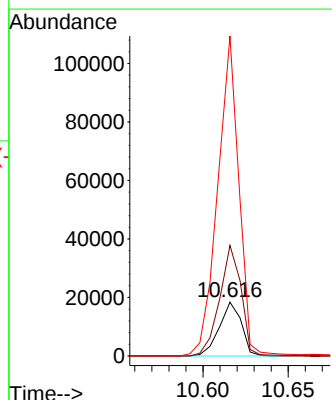
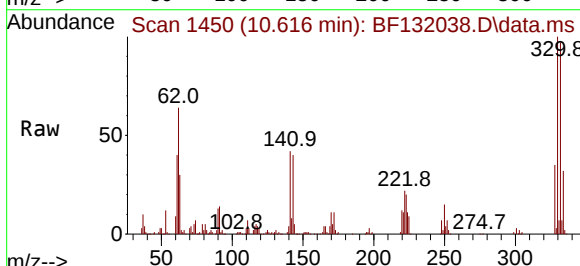
Tgt Ion:248 Resp: 16606

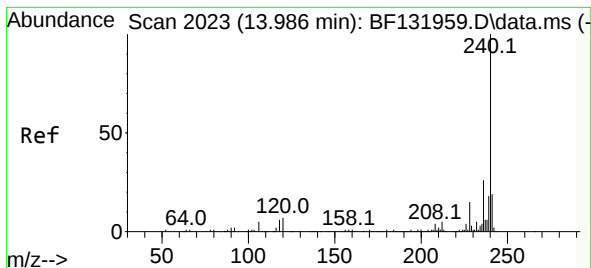
Ion Ratio Lower Upper

248 100

250 205.7 77.4 116.2#

141 595.2 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132038.D

Acq: 12 Jan 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB150056TB

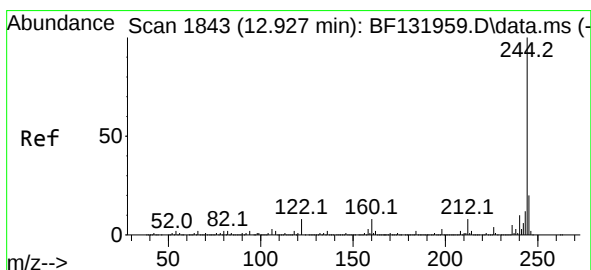
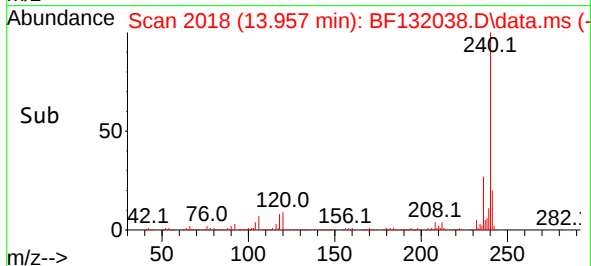
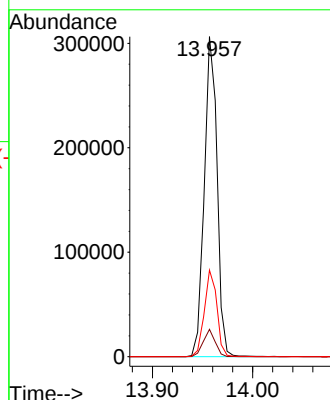
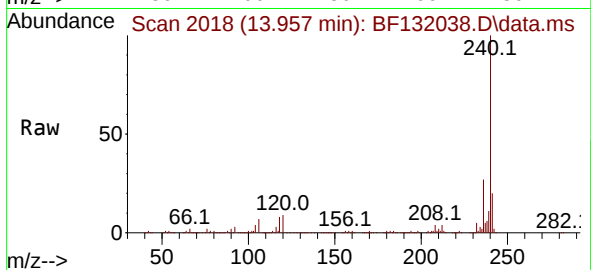
Tgt Ion:240 Resp: 273394

Ion Ratio Lower Upper

240 100

120 8.5 5.4 8.0#

236 27.1 21.1 31.7



#79

Terphenyl-d14

Concen: 70.592 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF132038.D

Acq: 12 Jan 2023 12:50

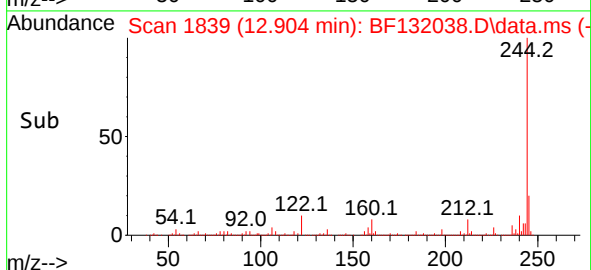
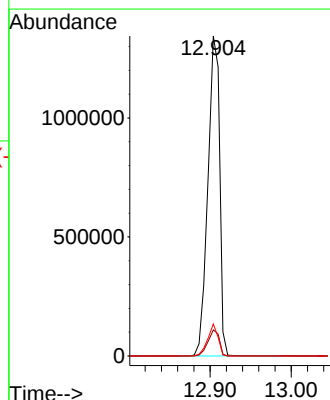
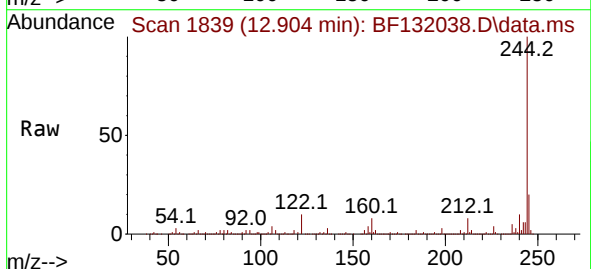
Tgt Ion:244 Resp: 1346530

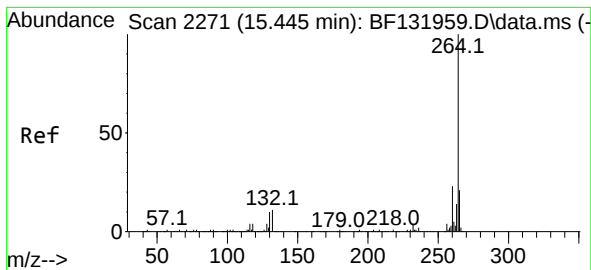
Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 10.0 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132038.D

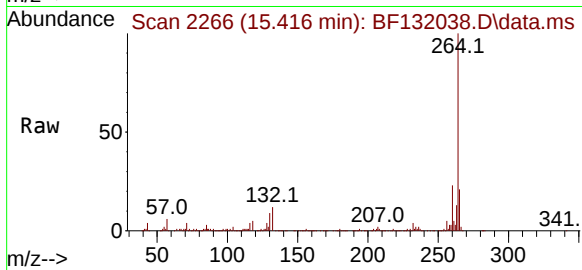
Acq: 12 Jan 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB150056TB



Tgt Ion:264 Resp: 199255

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.3 16.9 25.3

