

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128834.D
 Acq On : 16 Jun 2022 12:25
 Operator : CG\JU
 Sample : PB145561BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145561BL

Quant Time: Jun 17 02:16:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

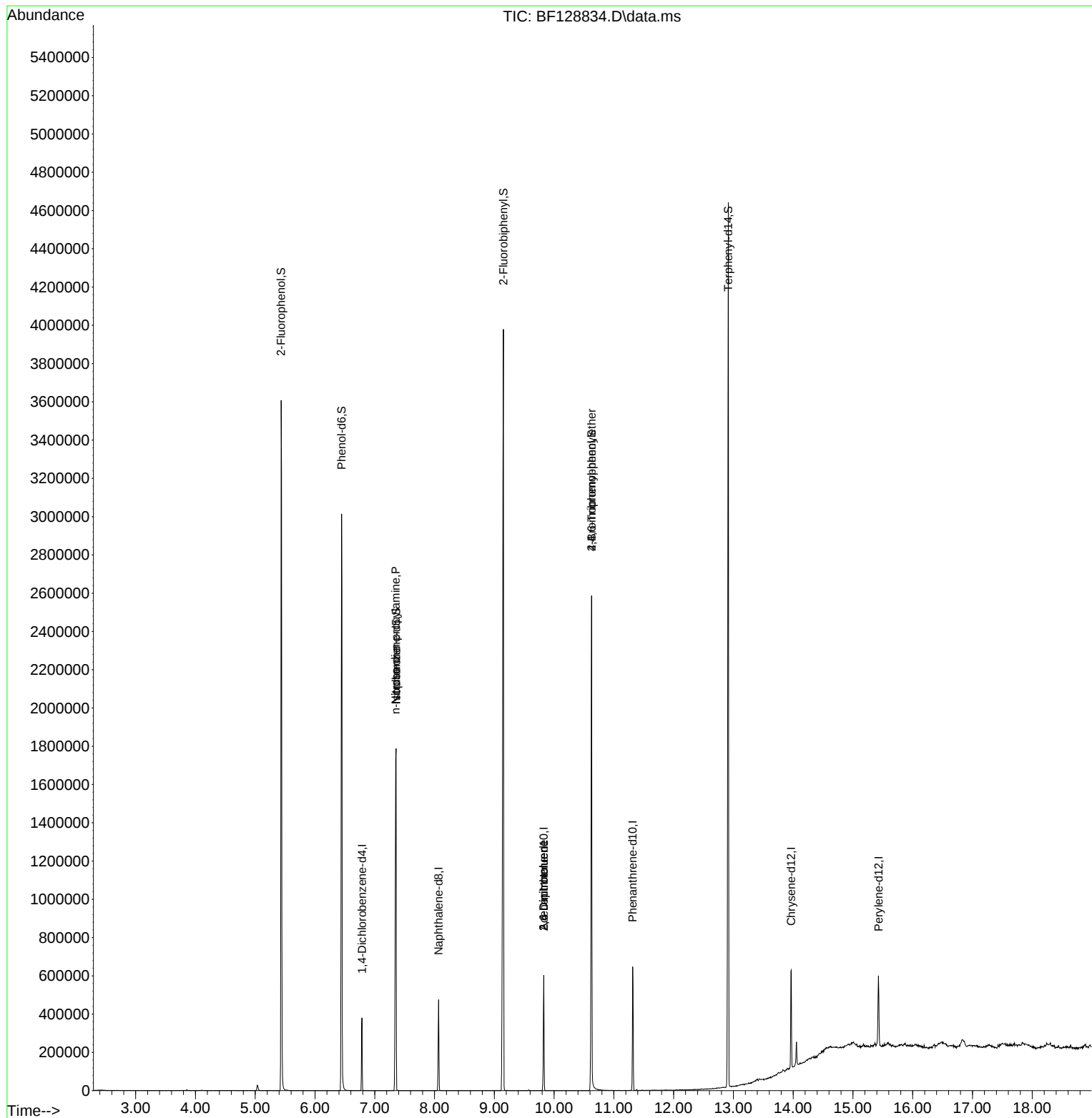
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	51734	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	201923	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	121918	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	236405	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	189324	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	160730	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	896597	276.052	ng	0.02
7) Phenol-d6	6.445	99	1024583	258.429	ng	0.00
23) Nitrobenzene-d5	7.357	82	675122	155.667	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	325293	225.816	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1380301	158.592	ng	0.00
79) Terphenyl-d14	12.915	244	1668603	153.146	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	96371	39.095	ng	# 75
25) Isophorone	7.357	82	673924	102.313	ng	# 65
51) 2,6-Dinitrotoluene	9.827	165	15299	9.289	ng	# 25
57) 2,4-Dinitrotoluene	9.827	165	15299	6.960	ng	# 21
67) 4-Bromophenyl-phenylether	10.627	248	21152	8.023	ng	# 1

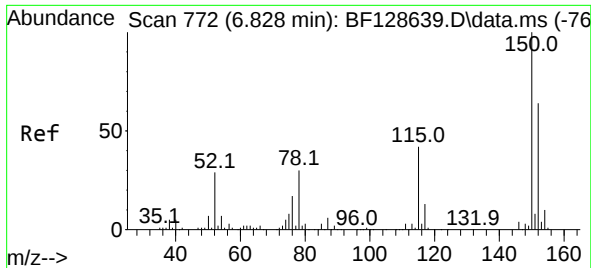
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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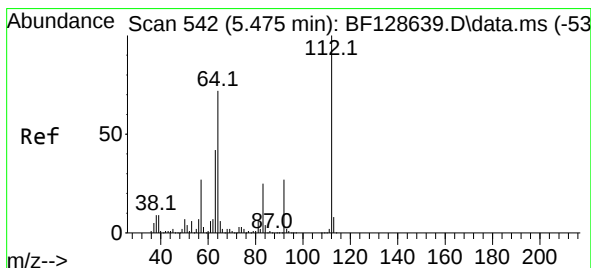
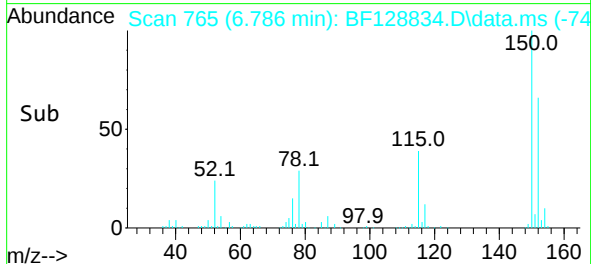
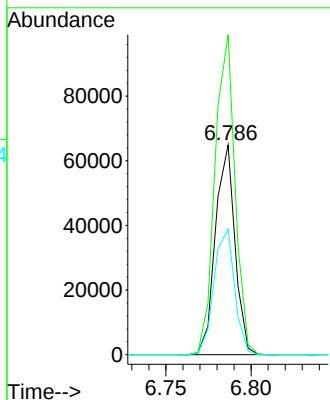
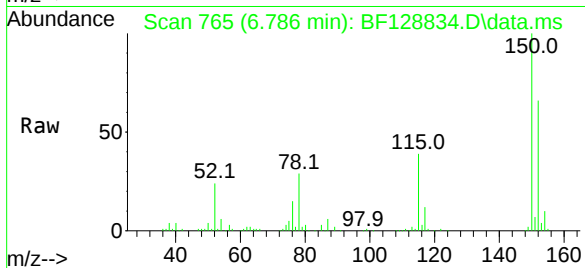




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

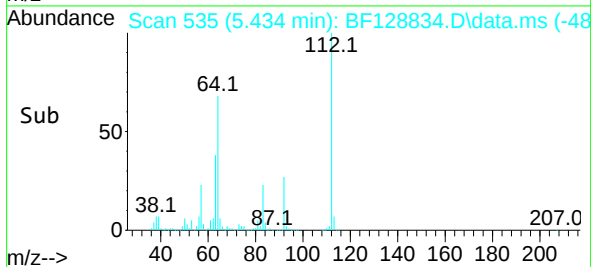
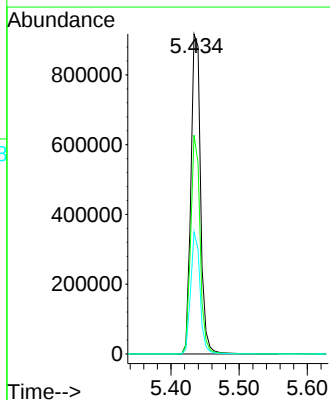
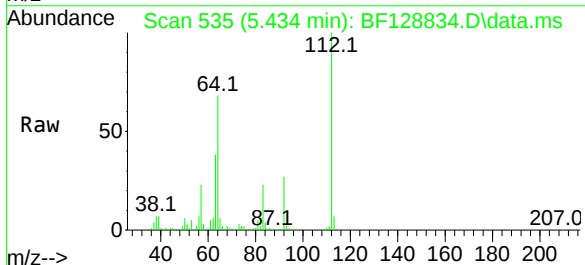
Instrument :
BNA_F
ClientSampleId :
PB145561BL

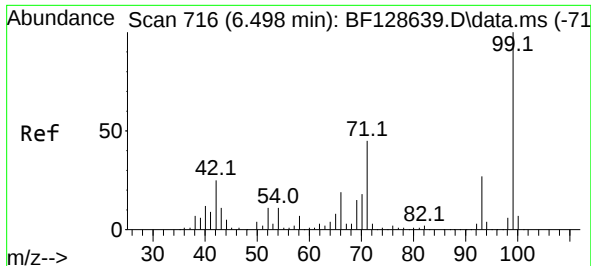
Tgt Ion:152 Resp: 51734
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 59.8 49.9 74.9



#5
2-Fluorophenol
Concen: 276.052 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.018 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

Tgt Ion:112 Resp: 896597
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 38.1 28.0 42.0

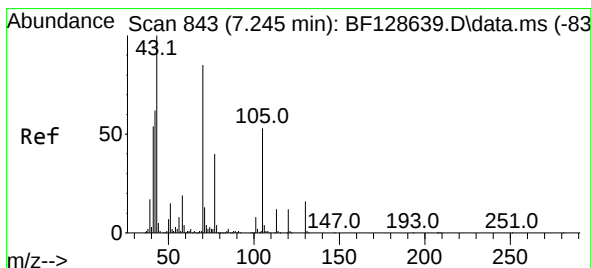
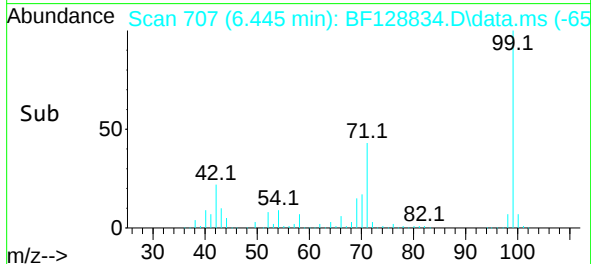
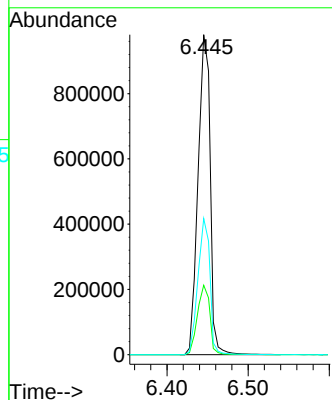
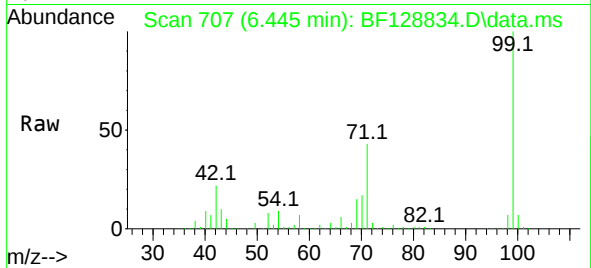




#7
Phenol-d6
Concen: 258.429 ng
RT: 6.445 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

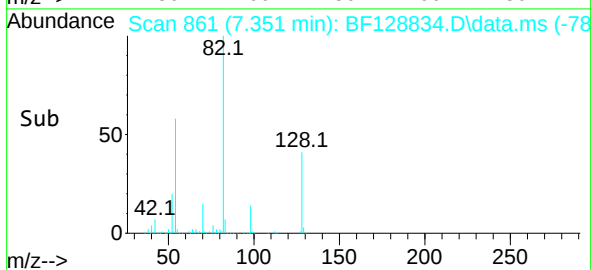
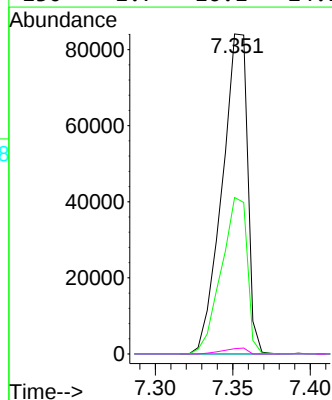
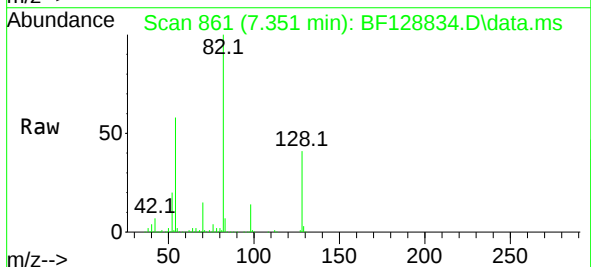
Instrument :
BNA_F
ClientSampleId :
PB145561BL

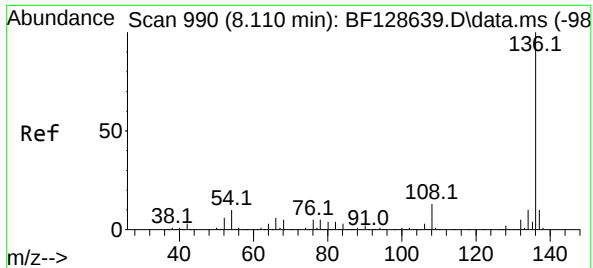
Tgt Ion: 99 Resp: 1024583
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 39.095 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.147 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

Tgt Ion: 70 Resp: 96371
Ion Ratio Lower Upper
70 100
42 48.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

Instrument :

BNA_F

ClientSampleId :

PB145561BL

Tgt Ion:136 Resp: 201923

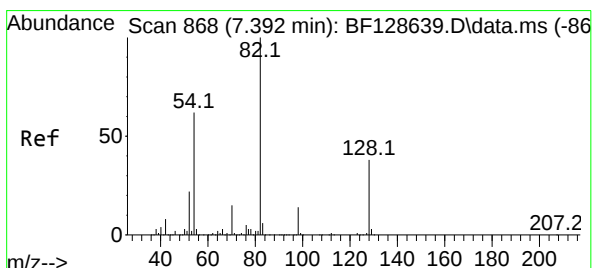
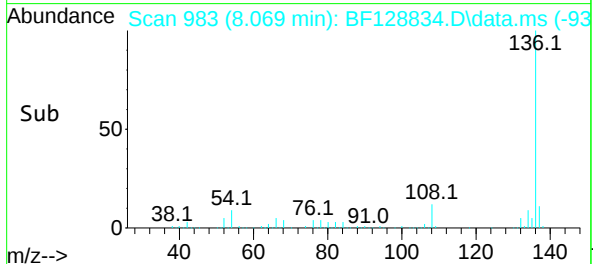
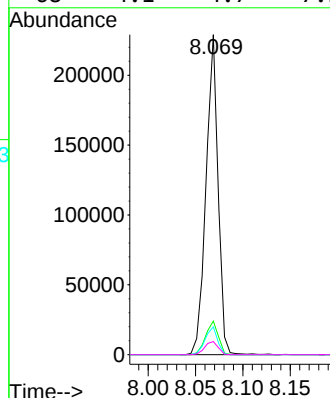
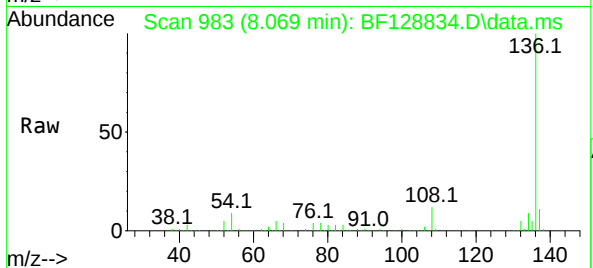
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.7 7.5 11.3

68 4.1 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 155.667 ng

RT: 7.357 min Scan# 862

Delta R.T. 0.006 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

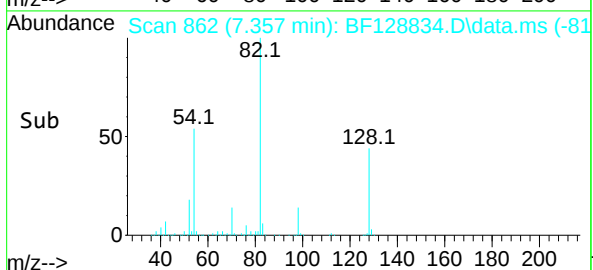
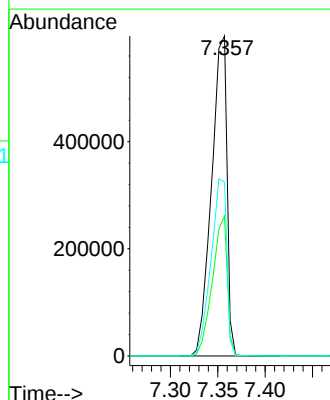
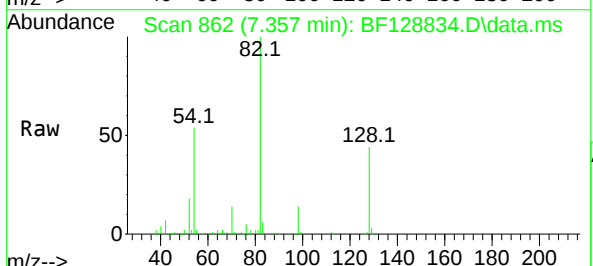
Tgt Ion: 82 Resp: 675122

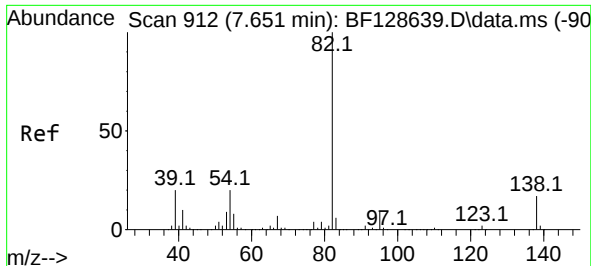
Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

54 54.3 46.9 70.3

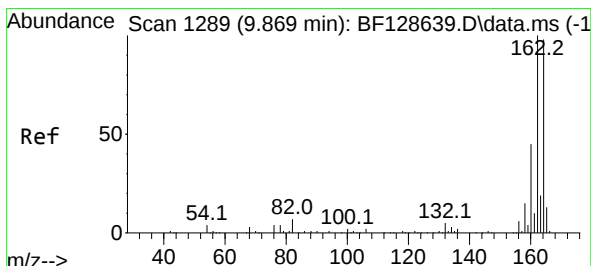
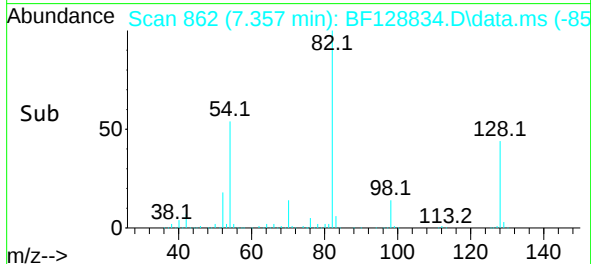
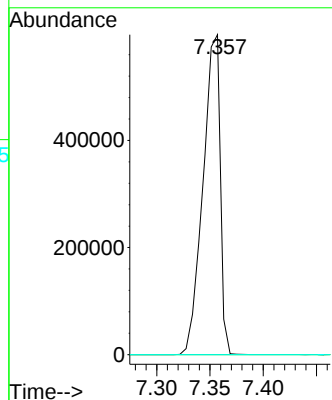
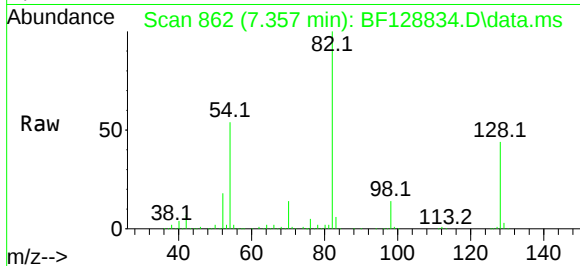




#25
Isophorone
Concen: 102.313 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.253 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

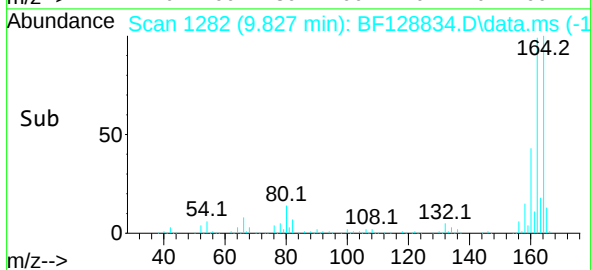
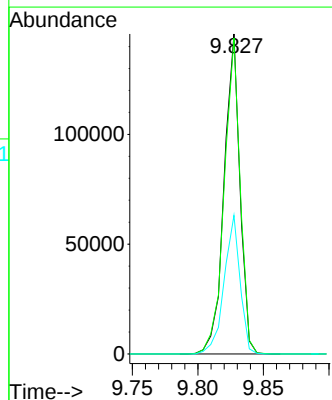
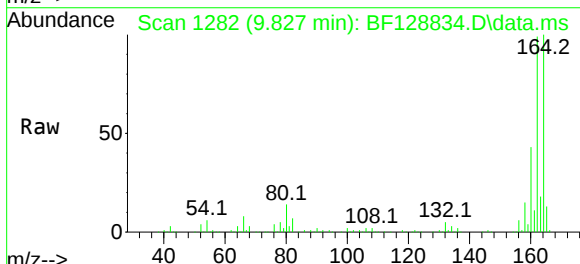
Instrument :
BNA_F
ClientSampleId :
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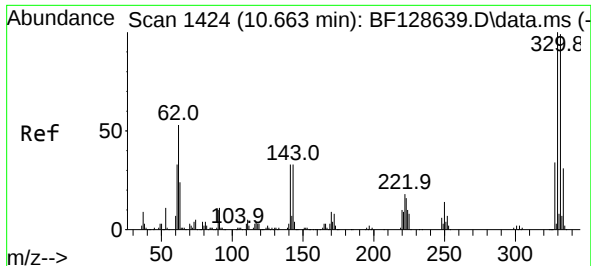
Tgt Ion: 82 Resp: 673924
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

Tgt Ion:164 Resp: 121918
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 225.816 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.006 min

Lab File: BF128834.D

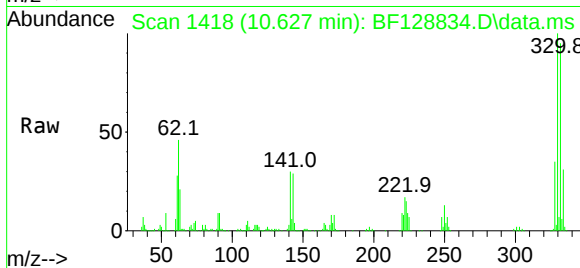
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Instrument :

BNA_F

ClientSampleId :

PB145561BL



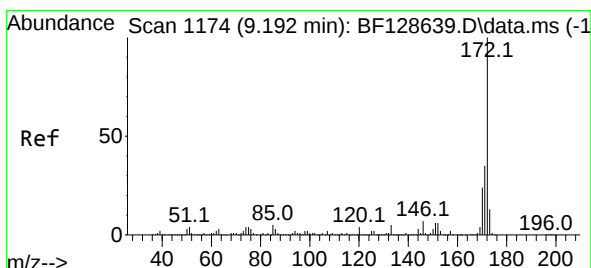
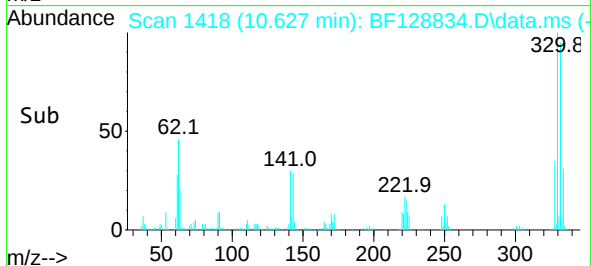
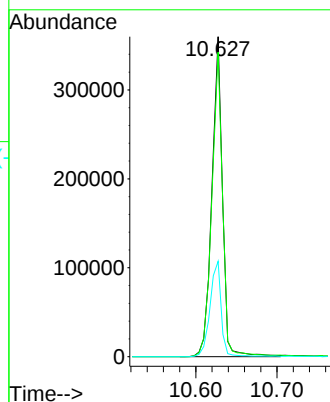
Tgt Ion:330 Resp: 325293

Ion Ratio Lower Upper

330 100

332 97.8 76.8 115.2

141 31.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 158.592 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

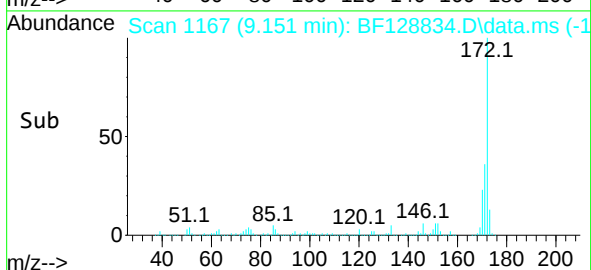
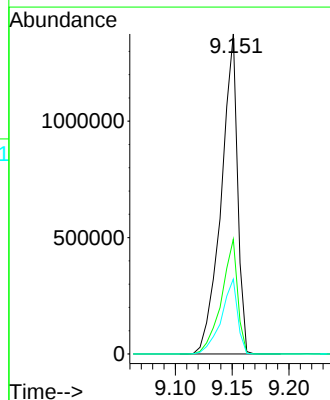
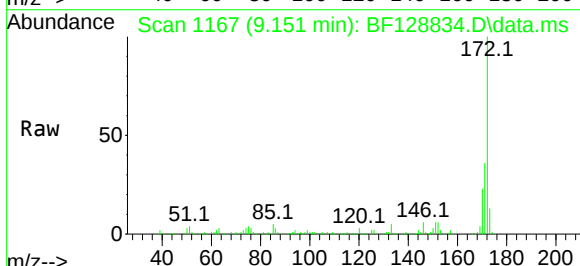
Tgt Ion:172 Resp: 1380301

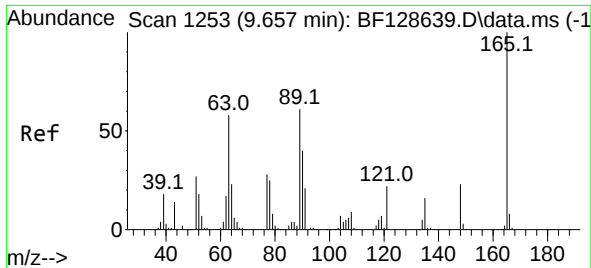
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 19.8 29.8

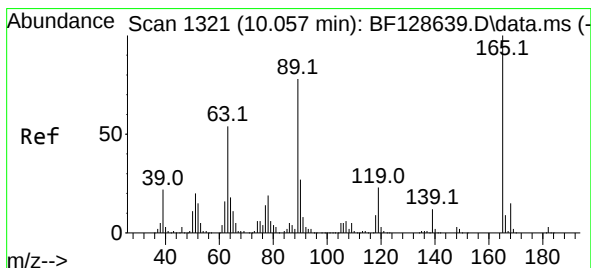
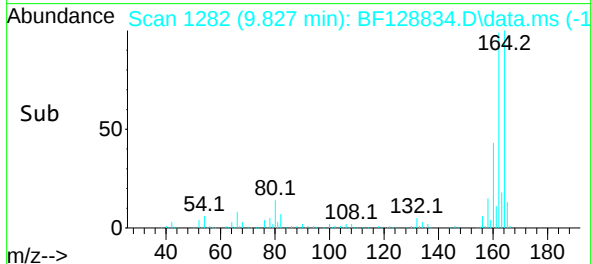
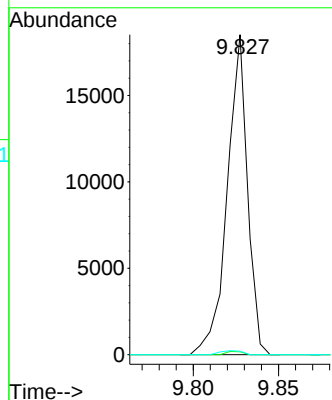
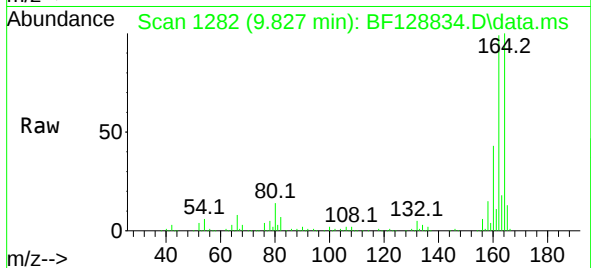




#51
2,6-Dinitrotoluene
Concen: 9.289 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

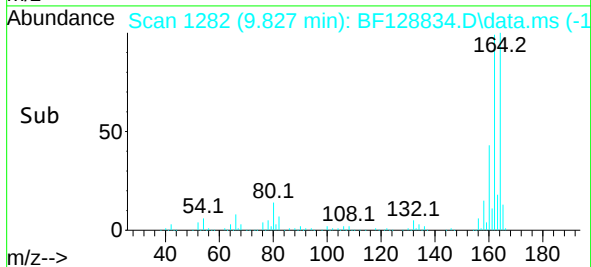
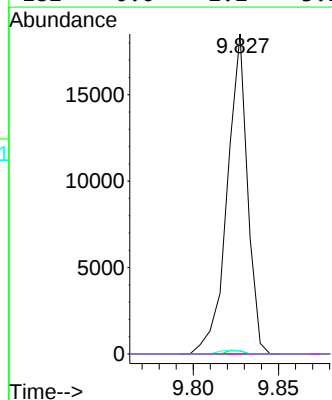
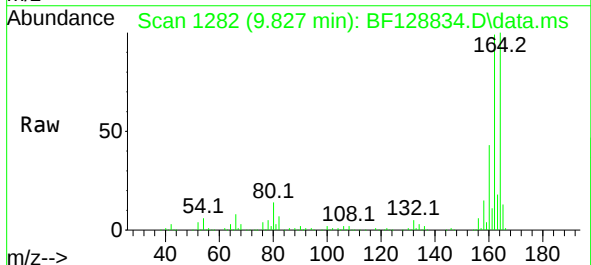
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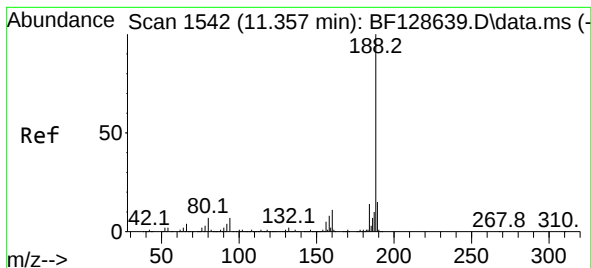
Tgt Ion:165 Resp: 15299
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.960 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.194 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

Tgt Ion:165 Resp: 15299
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

Instrument :

BNA_F

ClientSampleId :

PB145561BL

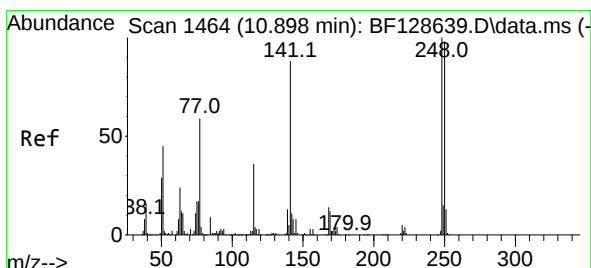
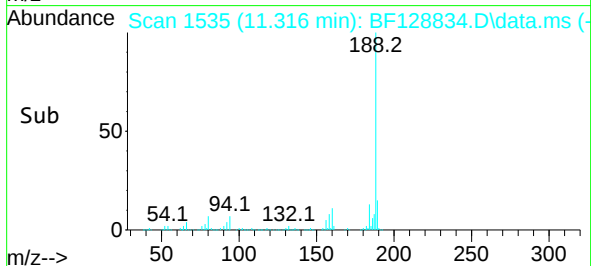
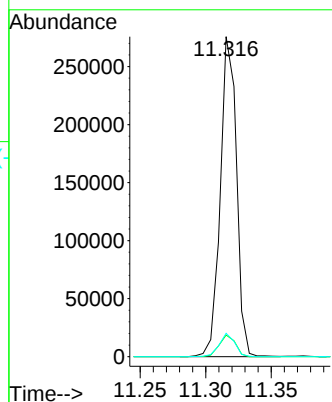
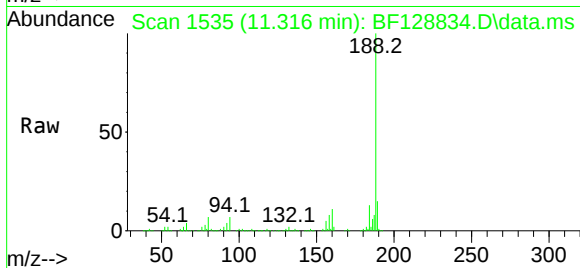
Tgt Ion:188 Resp: 236405

Ion Ratio Lower Upper

188 100

94 6.7 7.0 10.6#

80 7.3 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 8.023 ng

RT: 10.627 min Scan# 1418

Delta R.T. -0.230 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

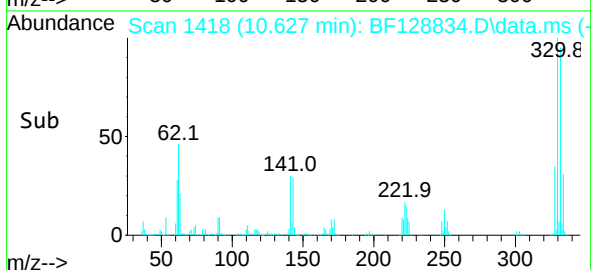
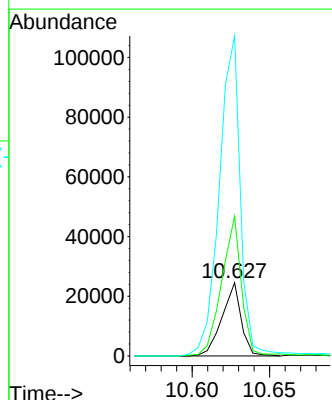
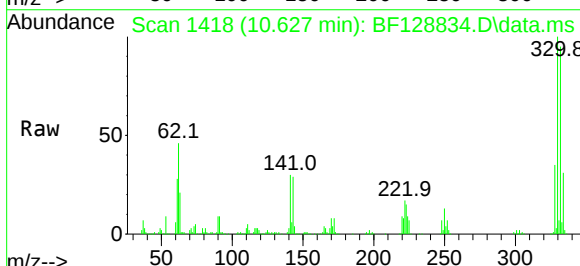
Tgt Ion:248 Resp: 21152

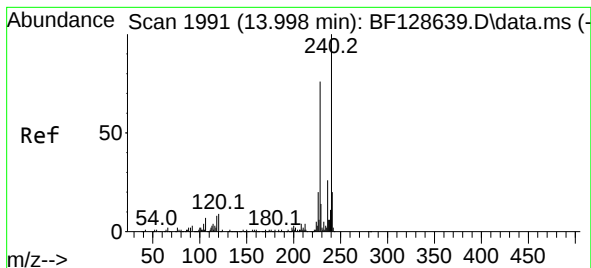
Ion Ratio Lower Upper

248 100

250 190.7 80.6 120.8#

141 436.9 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

Instrument :

BNA_F

ClientSampleId :

PB145561BL

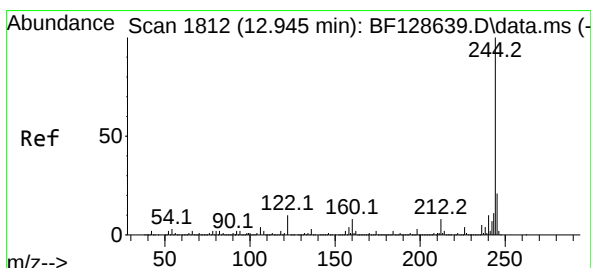
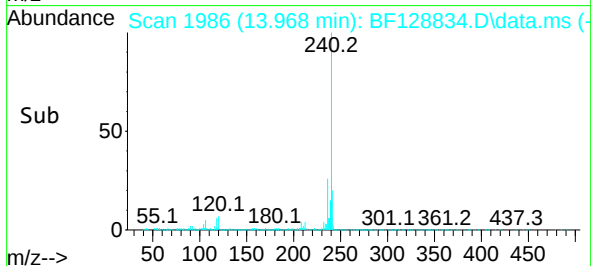
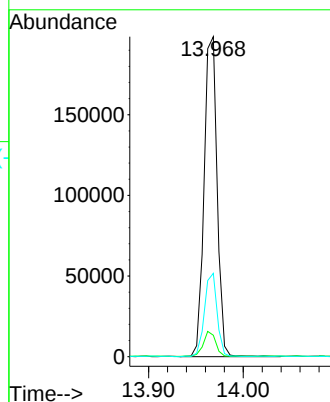
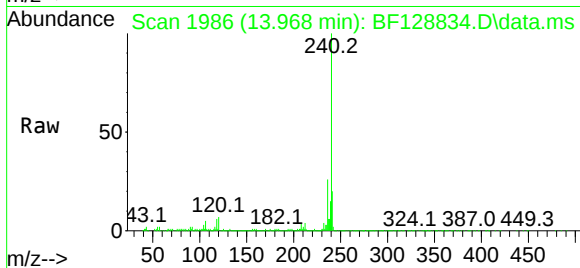
Tgt Ion:240 Resp: 189324

Ion Ratio Lower Upper

240 100

120 6.7 8.9 13.3#

236 26.0 20.8 31.2



#79

Terphenyl-d14

Concen: 153.146 ng

RT: 12.915 min Scan# 1807

Delta R.T. 0.012 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

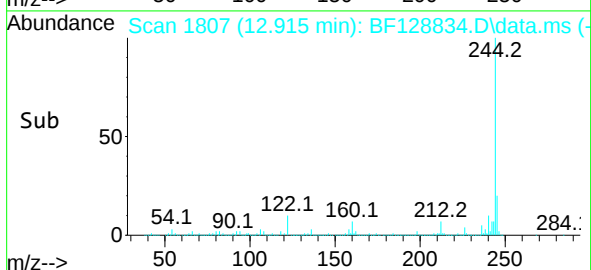
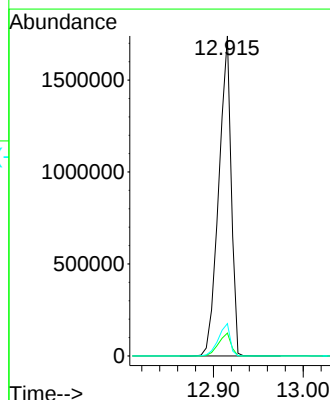
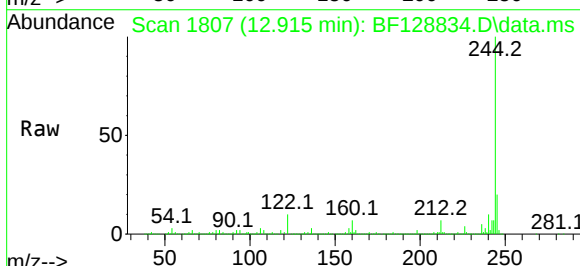
Tgt Ion:244 Resp: 1668603

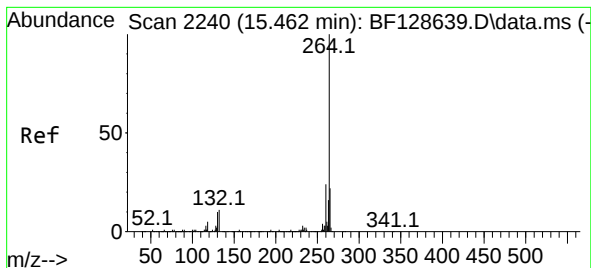
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 10.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128834.D

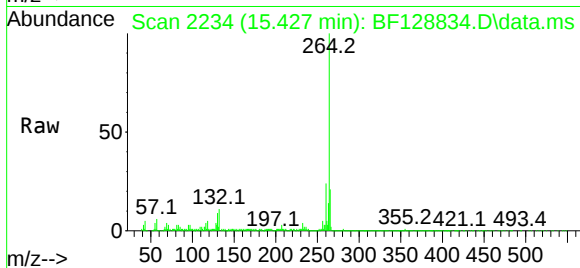
Acq: 16 Jun 2022 12:25

Instrument :

BNA_F

ClientSampleId :

PB145561BL



Tgt Ion:264 Resp: 160730

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 20.9 17.2 25.8

