

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129895.D
 Acq On : 19 Aug 2022 01:33
 Operator : CG\JU
 Sample : N4202-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10

Quant Time: Aug 19 01:52:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

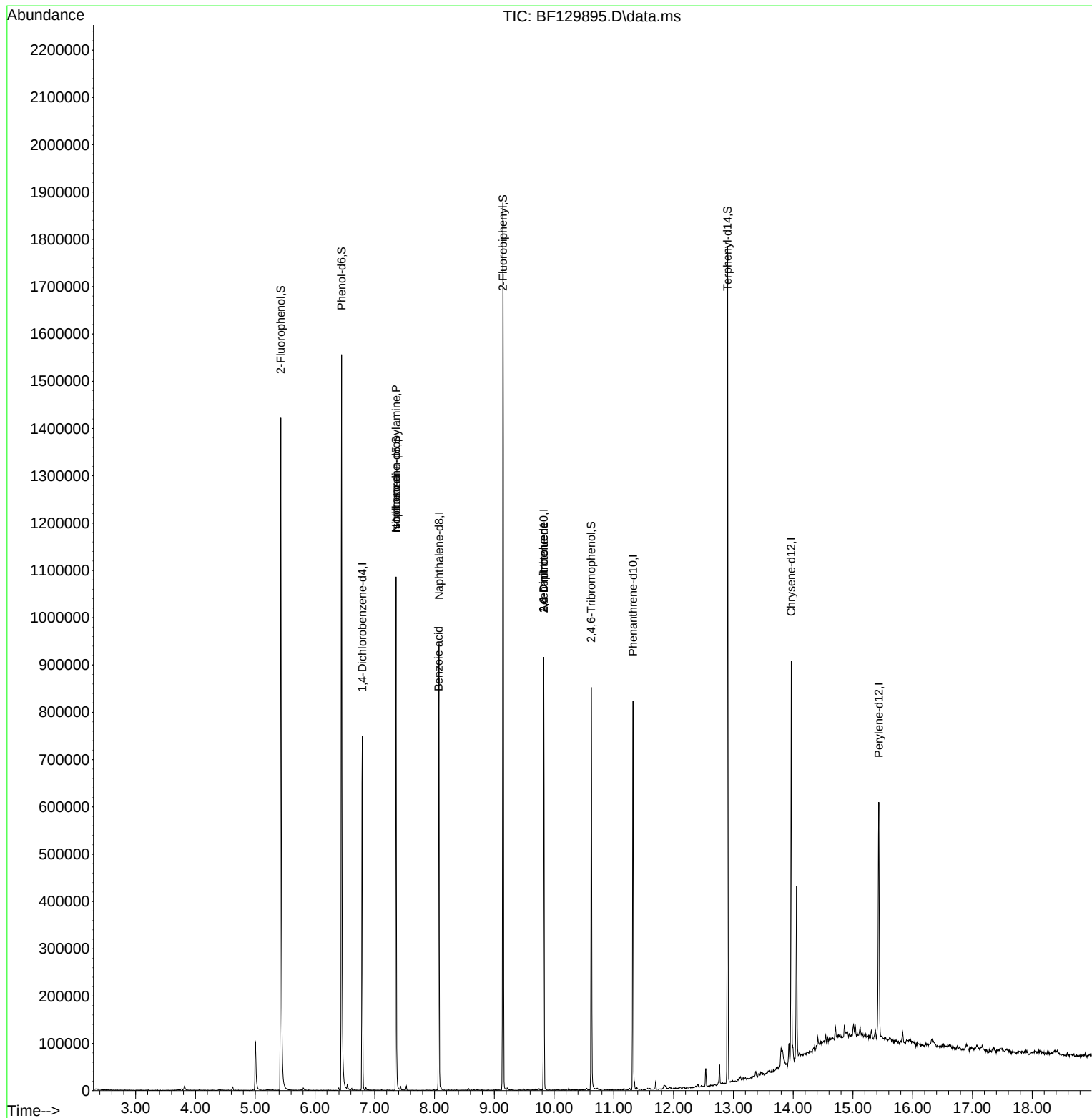
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	108837	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	398435	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	175787	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	273205	20.000	ng	0.00
76) Chrysene-d12	13.968	240	264237	20.000	ng	0.00
86) Perylene-d12	15.433	264	220900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	430527	65.495	ng	0.00
7) Phenol-d6	6.445	99	516146	62.701	ng	0.00
23) Nitrobenzene-d5	7.357	82	308822	41.492	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	93615	53.061	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	531070	45.885	ng	0.00
79) Terphenyl-d14	12.904	244	541578	34.104	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	65	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	40089	7.705 ng	#	77
25) Isophorone	7.357	82	308848	24.109 ng	#	65
32) Benzoic acid	8.069	122	53	2.178 ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	22680	8.297 ng	#	23
57) 2,4-Dinitrotoluene	9.828	165	22680	6.391 ng	#	18
77) Benzidine	12.674	184	572	Below Cal	#	67

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

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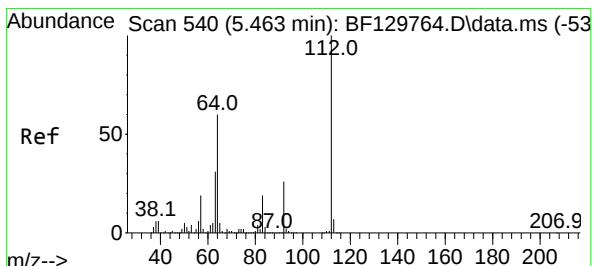
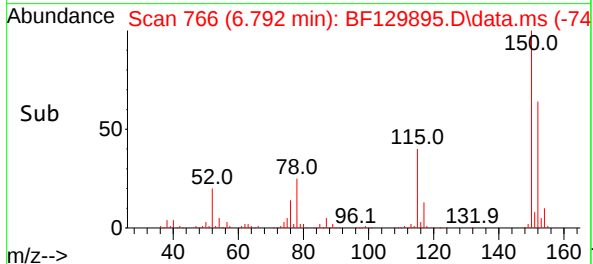
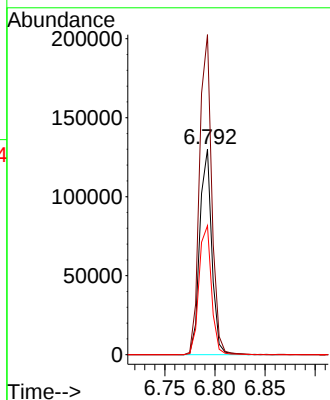
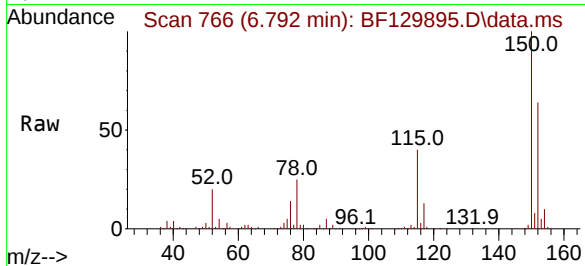




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

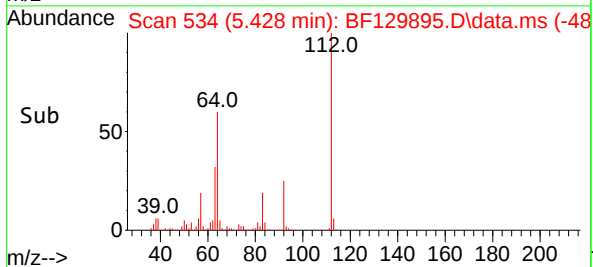
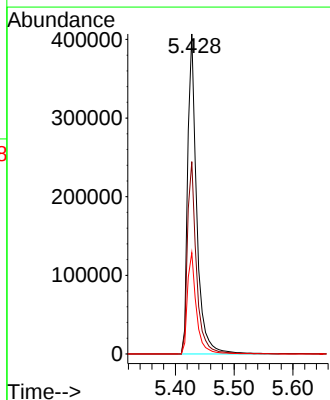
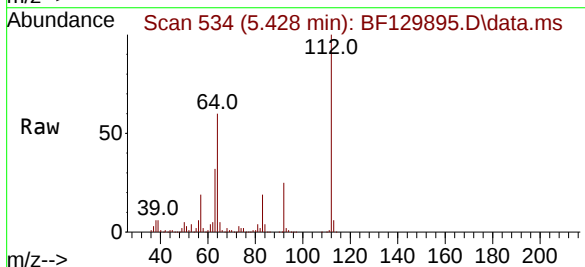
Instrument :
BNA_F
ClientSampleId :
SB10

Tgt Ion:152 Resp: 108837
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 62.8 53.4 80.0



#5
2-Fluorophenol
Concen: 65.495 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion:112 Resp: 430527
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.6 24.6 37.0

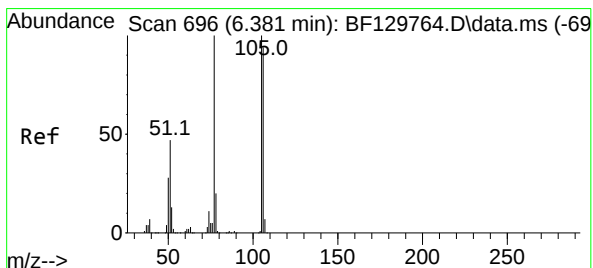
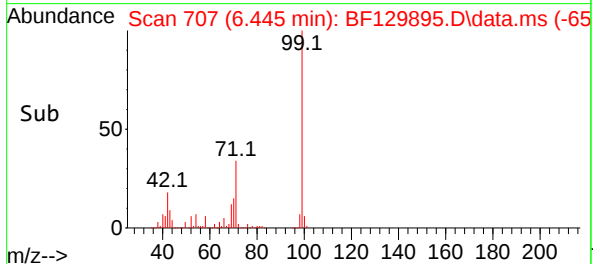
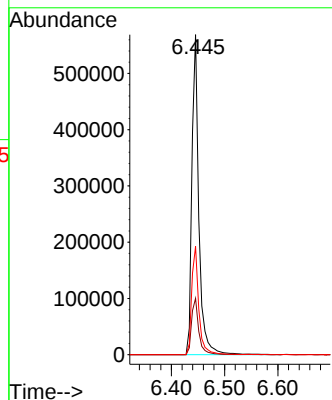
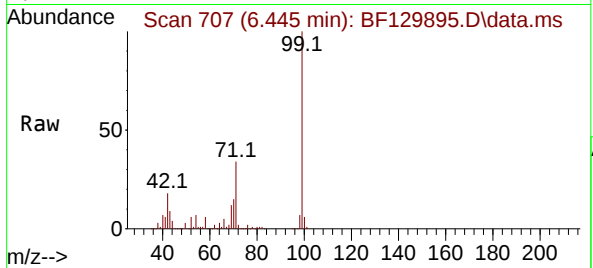




#7
Phenol-d6
Concen: 62.701 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

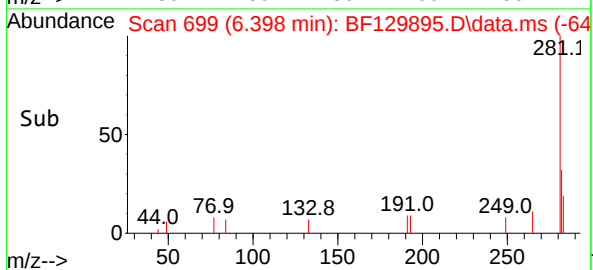
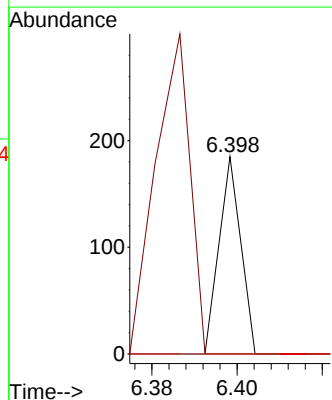
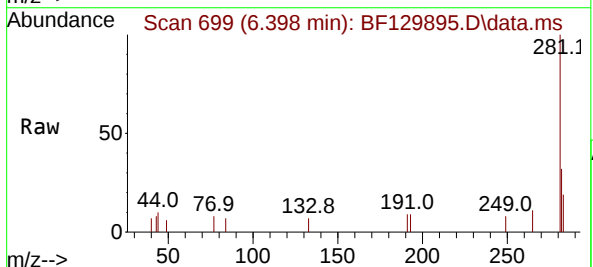
Instrument :
BNA_F
ClientSampleId :
SB10

Tgt Ion: 99 Resp: 516146
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 33.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 699
Delta R.T. 0.047 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion: 77 Resp: 65
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#





#19

n-Nitroso-di-n-propylamine

Concen: 7.705 ng

RT: 7.357 min Scan# 80

Delta R.T. 0.147 min

Lab File: BF129895.D

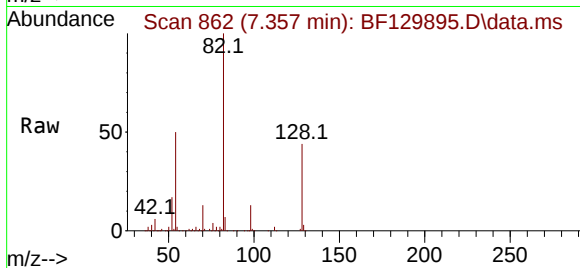
Acq: 19 Aug 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SB10



Tgt Ion: 70 Resp: 40089

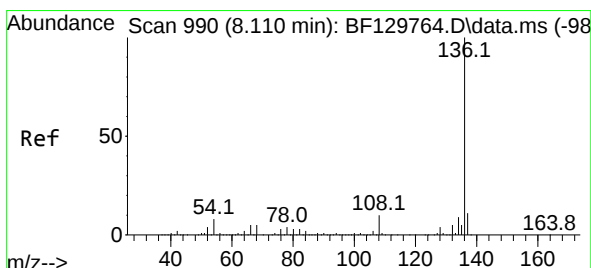
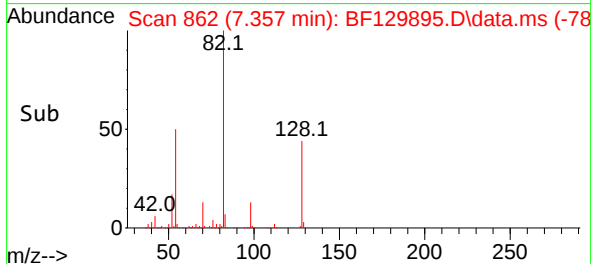
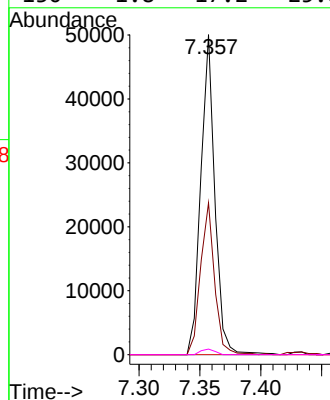
Ion Ratio Lower Upper

70 100

42 47.4 47.6 71.4#

101 0.0 8.1 12.1#

130 1.8 17.2 25.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

Tgt Ion: 136 Resp: 398435

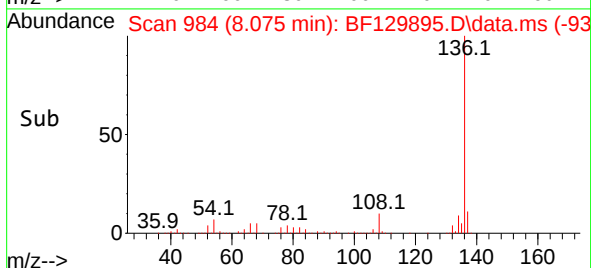
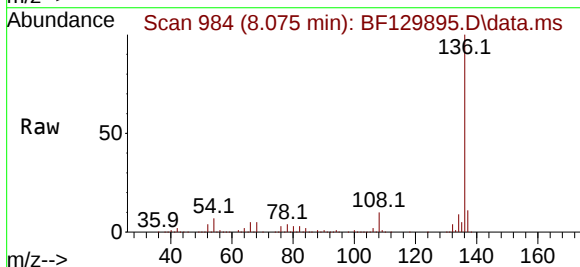
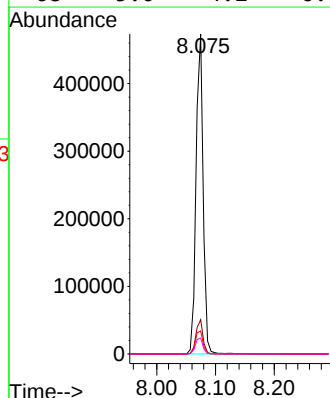
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 7.2 6.2 9.2

68 5.0 4.2 6.4

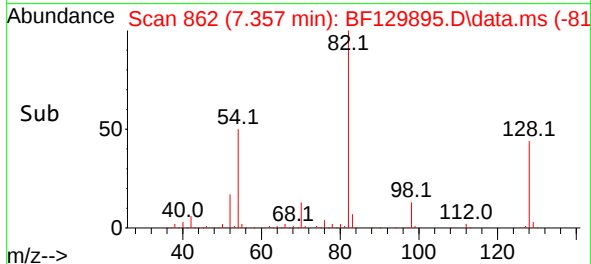
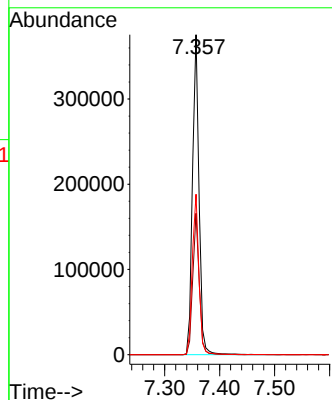
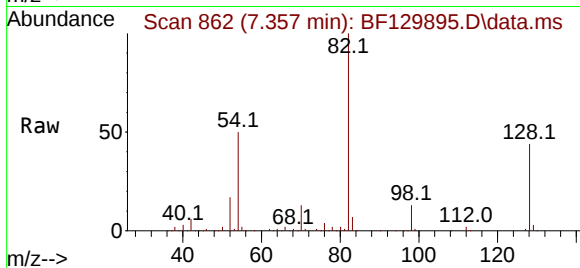




#23
Nitrobenzene-d5
Concen: 41.492 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

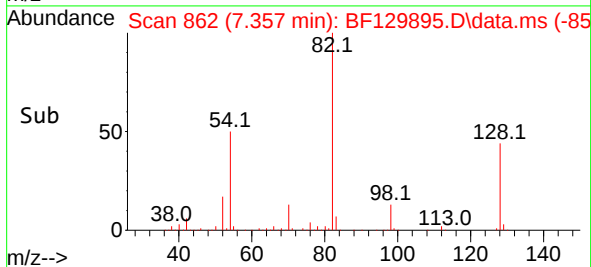
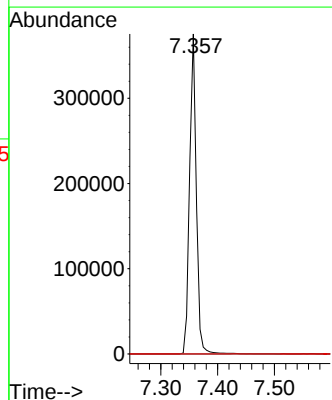
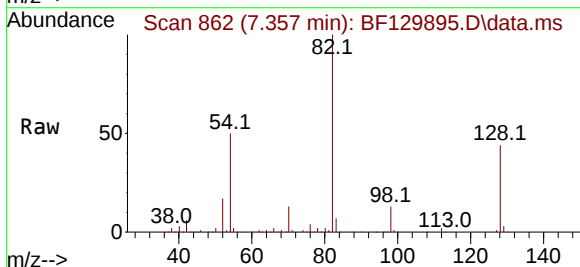
Instrument :
BNA_F
ClientSampleId :
SB10

Tgt Ion: 82 Resp: 308822
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 50.1 40.0 60.0



#25
Isophorone
Concen: 24.109 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.265 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion: 82 Resp: 308848
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

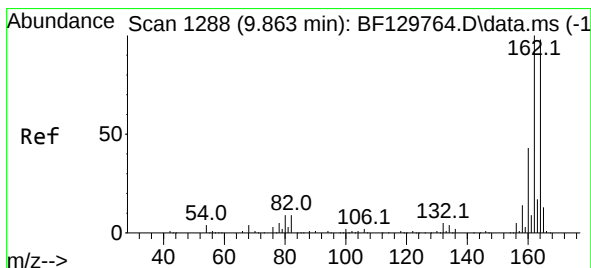
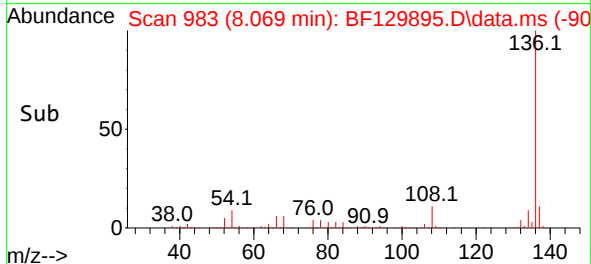
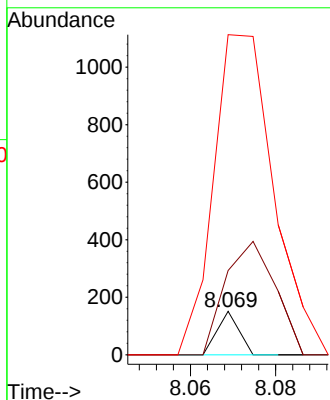
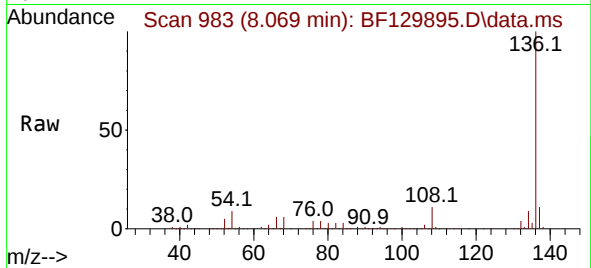




#32
Benzoic acid
Concen: 2.178 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

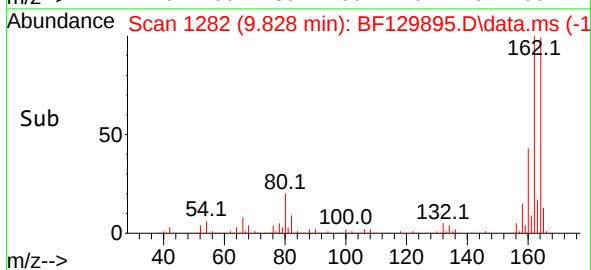
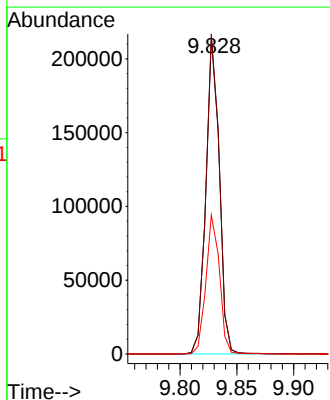
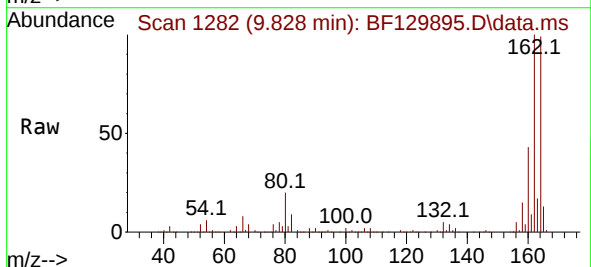
Instrument :
BNA_F
ClientSampleId :
SB10

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 194.0 99.9 139.9#
77 737.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion:164 Resp: 175787
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 53.061 ng

RT: 10.622 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SB10

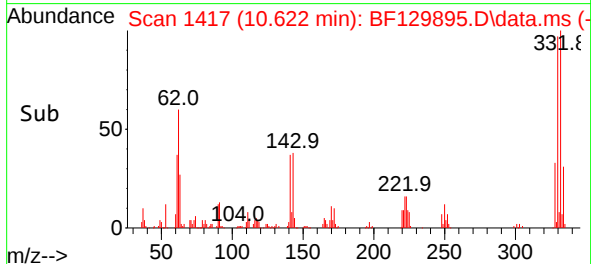
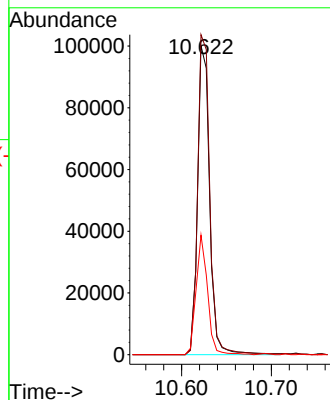
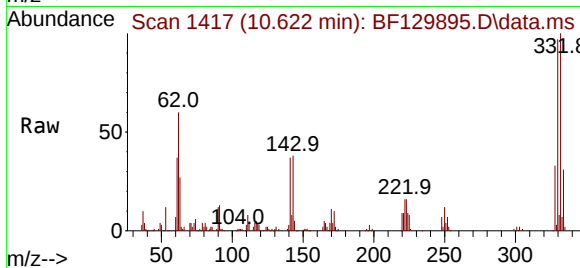
Tgt Ion:330 Resp: 93615

Ion Ratio Lower Upper

330 100

332 104.2 82.6 124.0

141 36.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 45.885 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

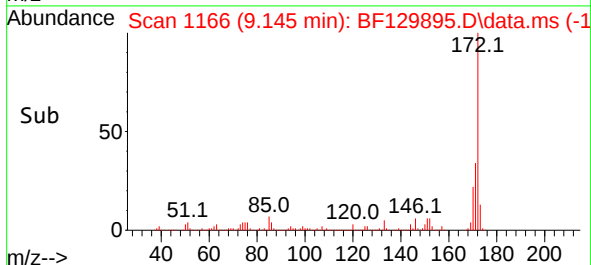
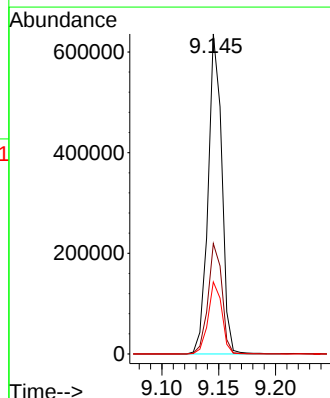
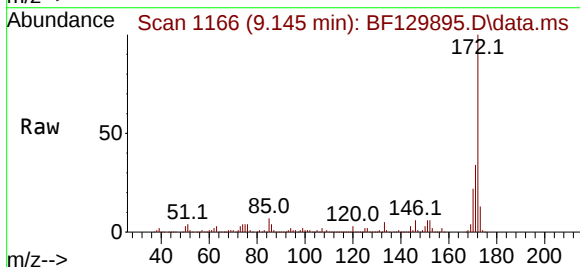
Tgt Ion:172 Resp: 531070

Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 22.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.297 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SB10

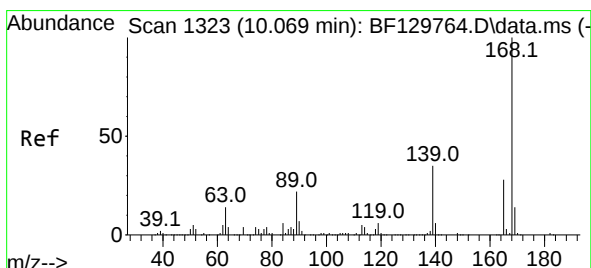
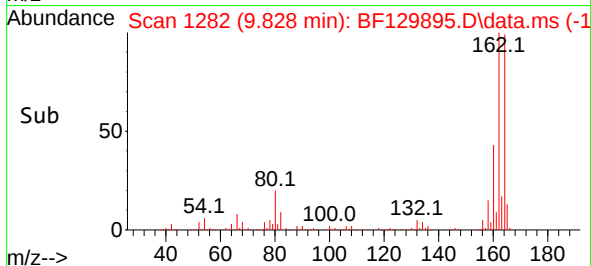
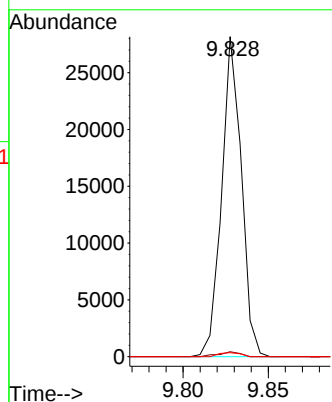
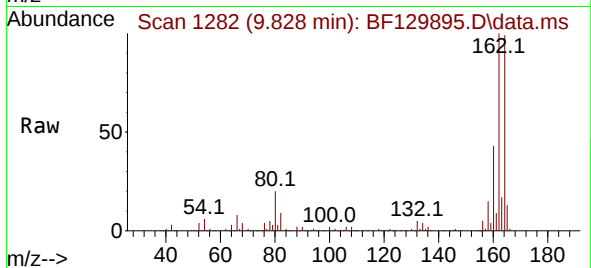
Tgt Ion:165 Resp: 22680

Ion Ratio Lower Upper

165 100

63 1.6 47.8 71.8#

89 1.3 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.391 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.212 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

Tgt Ion:165 Resp: 22680

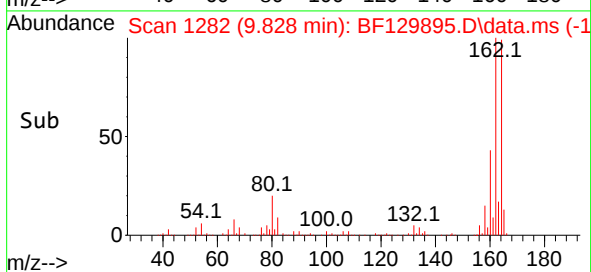
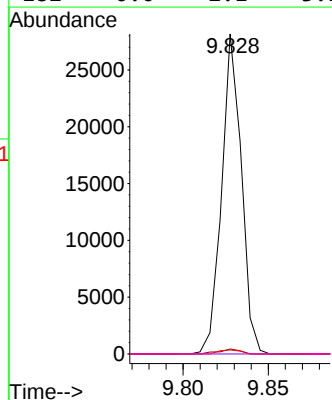
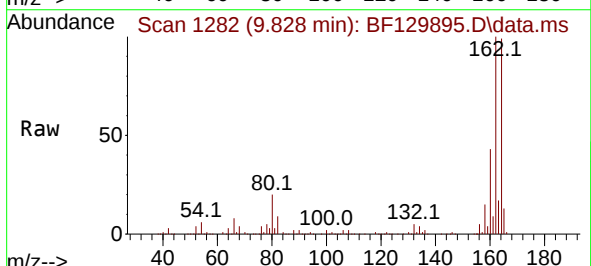
Ion Ratio Lower Upper

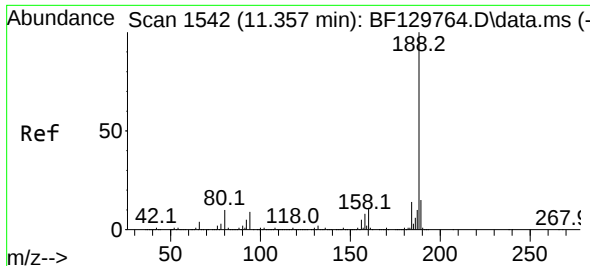
165 100

63 1.6 48.4 72.6#

89 1.3 62.3 93.5#

182 0.0 2.1 3.1#

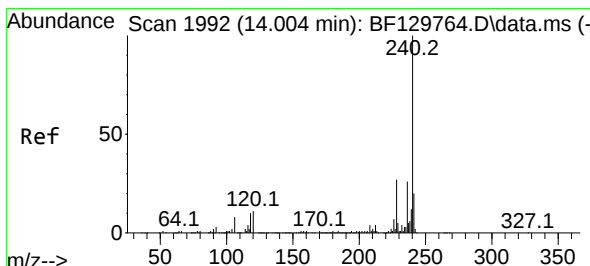
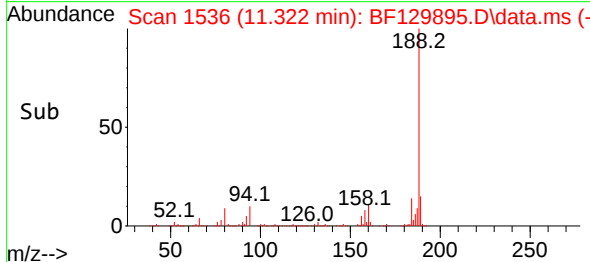
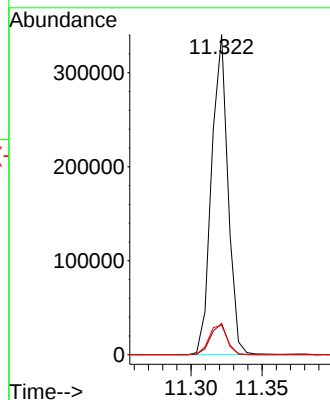
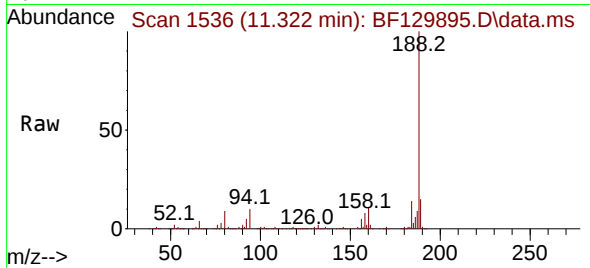




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

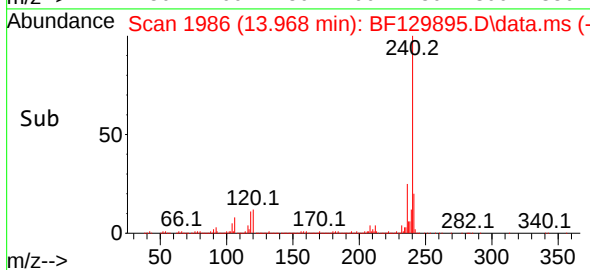
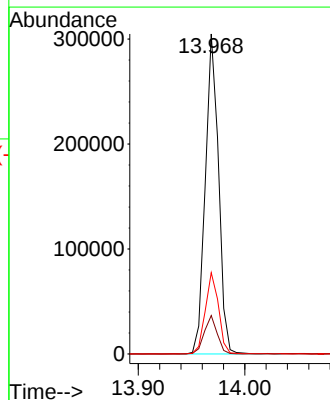
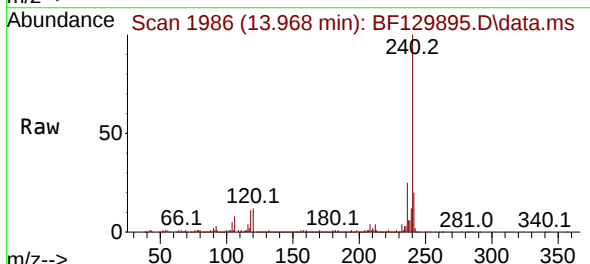
Instrument :
BNA_F
ClientSampleId :
SB10

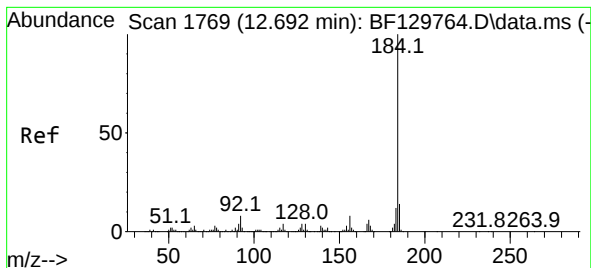
Tgt Ion:188 Resp: 273205
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Tgt Ion:240 Resp: 264237
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.4 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.674 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SB10

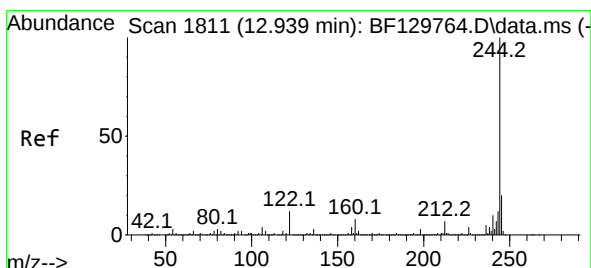
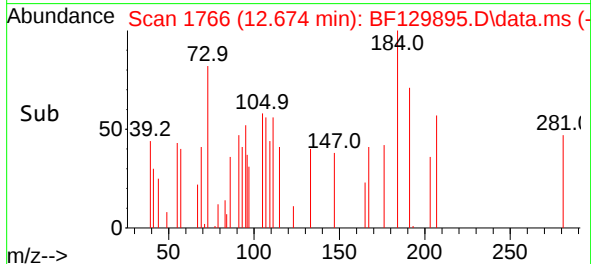
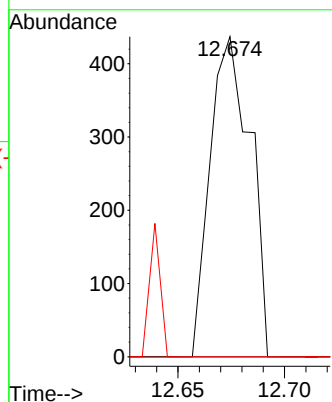
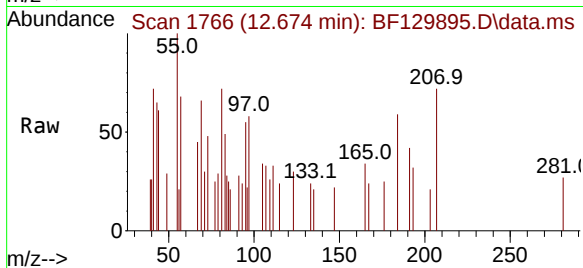
Tgt Ion:184 Resp: 572

Ion Ratio Lower Upper

184 100

185 0.0 11.4 17.2#

183 0.0 9.4 14.2#



#79

Terphenyl-d14

Concen: 34.104 ng

RT: 12.904 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF129895.D

Acq: 19 Aug 2022 01:33

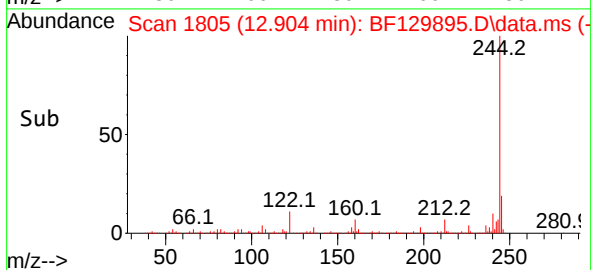
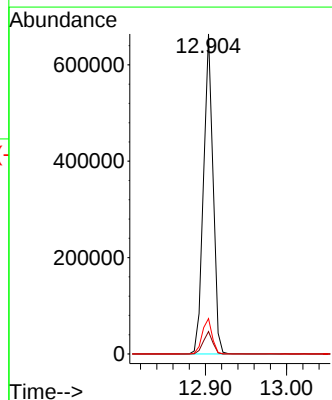
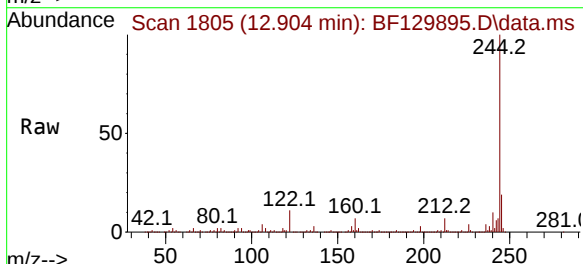
Tgt Ion:244 Resp: 541578

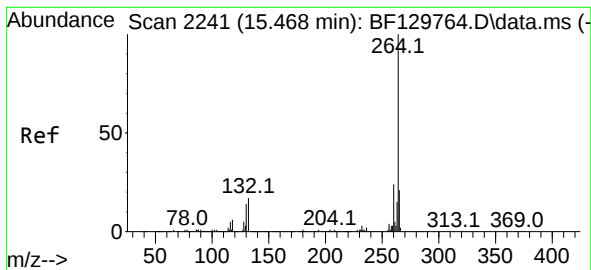
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

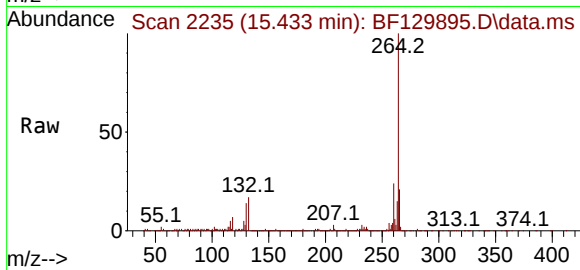
122 11.1 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129895.D
Acq: 19 Aug 2022 01:33

Instrument :
BNA_F
ClientSampleId :
SB10



Tgt Ion:264 Resp: 220900

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.0	16.7	25.1

