

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111281.D
 Acq On : 11 Dec 2018 16:21
 Operator : JU/SJ
 Sample : J6157-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 17:04:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

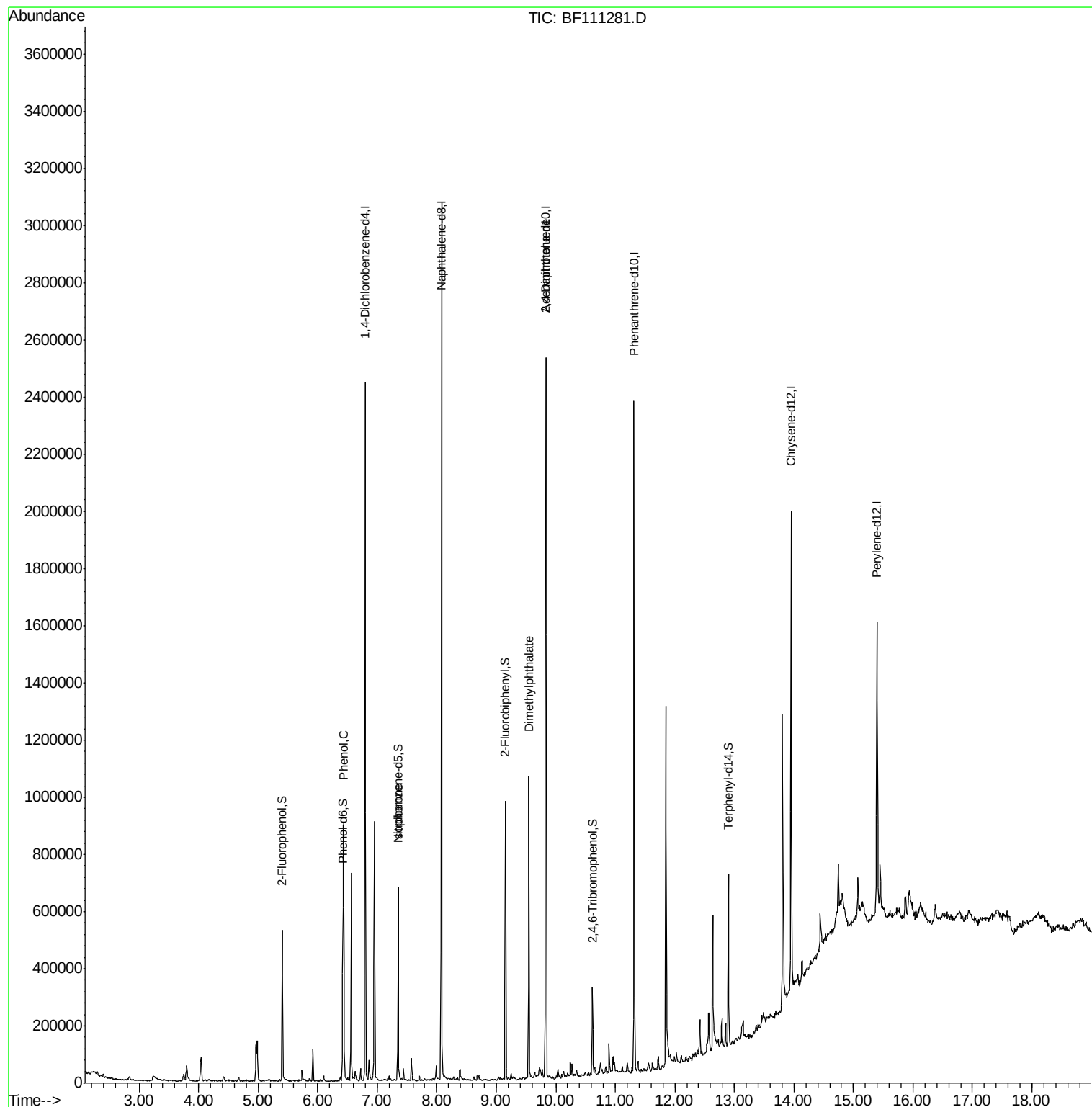
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	330736	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1219921	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	453409	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	770686	20.00	ng	0.00
76) Chrysene-d12	13.96	240	573179	20.00	ng	0.00
87) Perylene-d12	15.40	264	436817	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	137294	6.55	ng	0.00
7) Phenol-d6	6.42	99	144102	5.54	ng	-0.01
23) Nitrobenzene-d5	7.35	82	180372	8.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	26748	6.66	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	293164	5.48	ng	0.00
79) Terphenyl-d14	12.90	244	187530	7.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	3817	Below Cal		Qvalue 86
10) Phenol	6.43	94	227120	7.462 ng		94
25) Isophorone	7.35	82	176798	4.773 ng	#	64
46) 1,1'-Biphenyl	9.25	154	541	Below Cal		83
50) Dimethylphthalate	9.55	163	387056	11.569 ng		99
57) 2,4-Dinitrotoluene	9.83	165	56789	6.235 ng	#	25

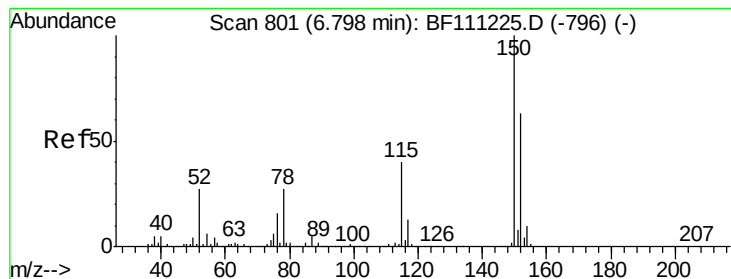
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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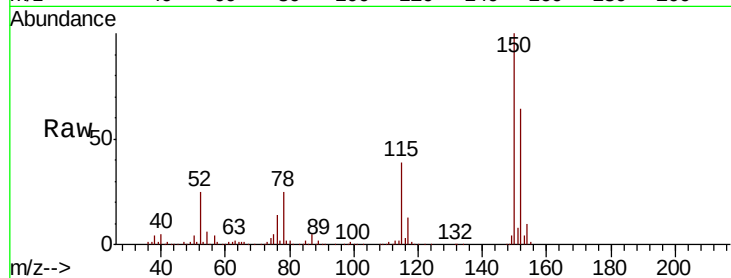


#1

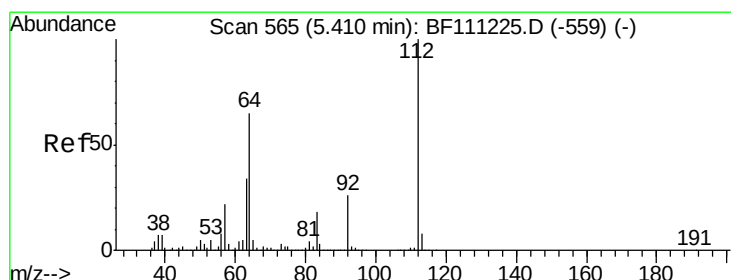
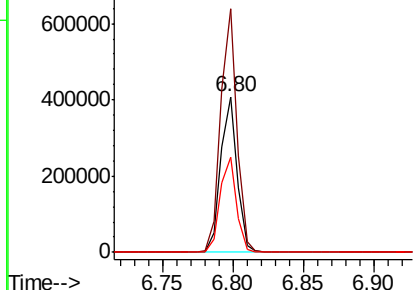
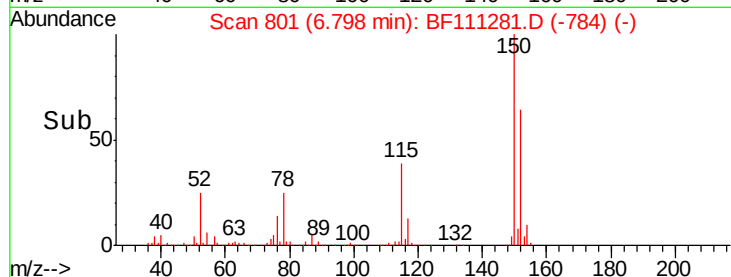
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111281.D
Acq: 11 Dec 2018 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	61.1	50.7	76.1



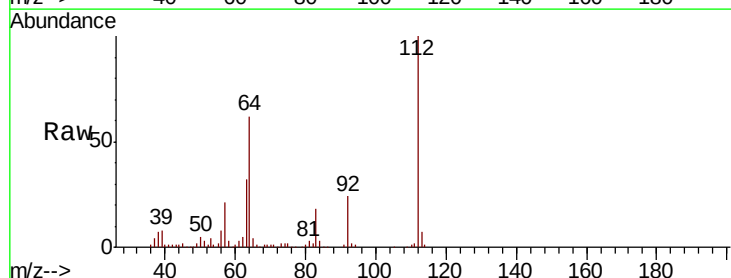
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



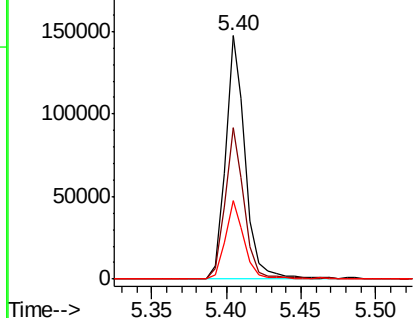
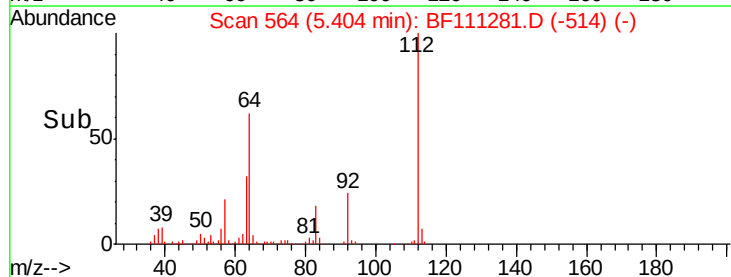
#5

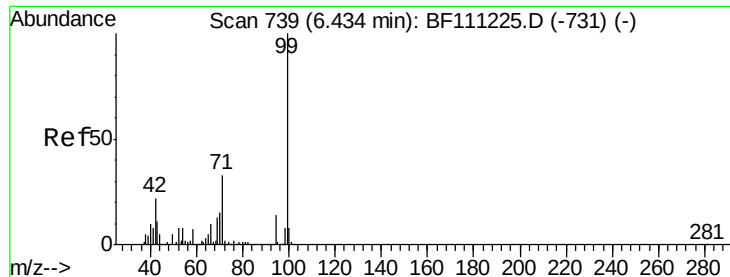
2-Fluorophenol
Concen: 6.555 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111281.D
Acq: 11 Dec 2018 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.8	77.6
63	32.4	26.8	40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 5.536 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

Instrument :

BNA_F

ClientSampleId :

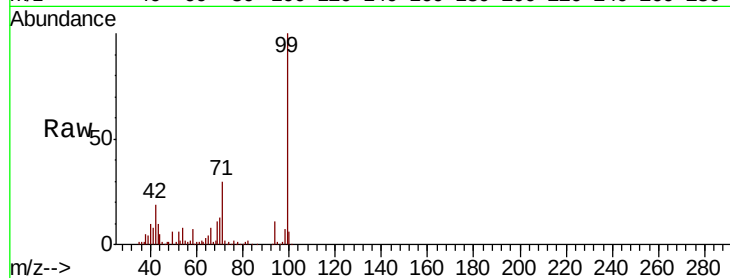
Tot Ion: 99 Resp: 144102

Ion Ratio Lower Upper

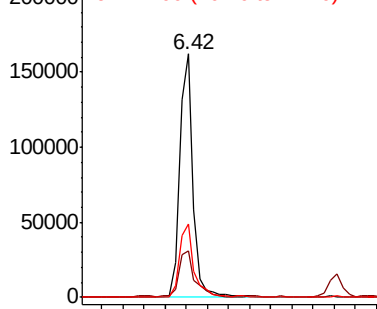
99 100

42 19.2 17.4 26.0

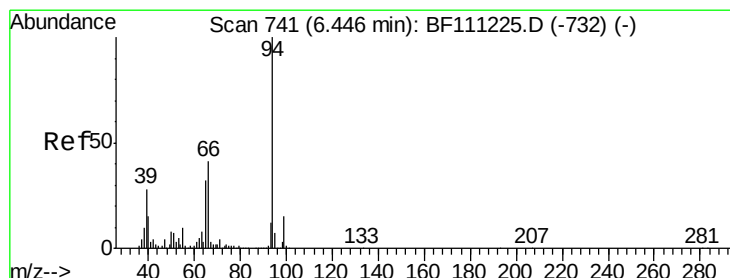
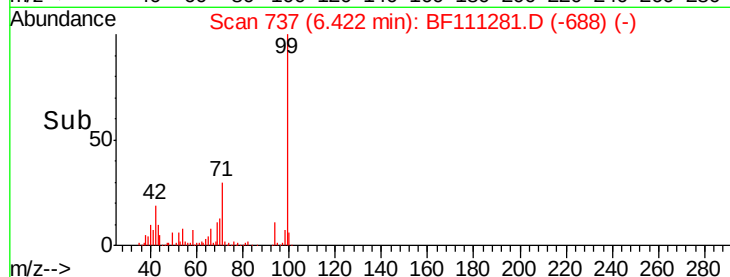
71 30.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 7.462 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

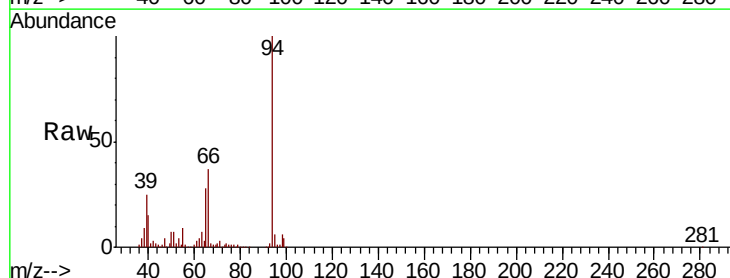
Tgt Ion: 94 Resp: 227120

Ion Ratio Lower Upper

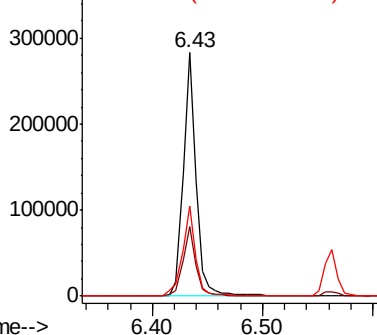
94 100

65 28.4 11.7 51.7

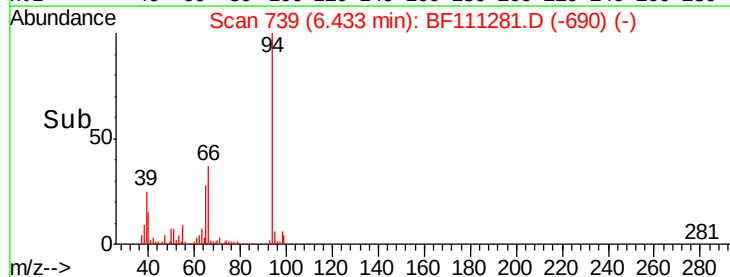
66 36.8 21.0 61.0

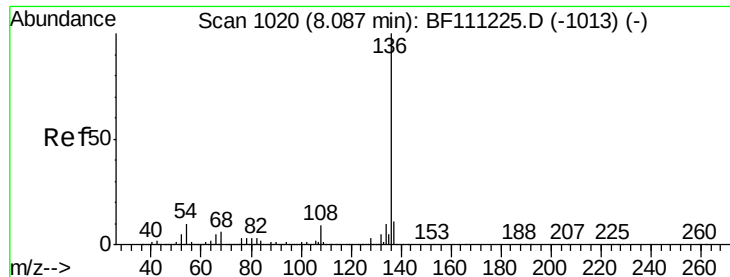


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->

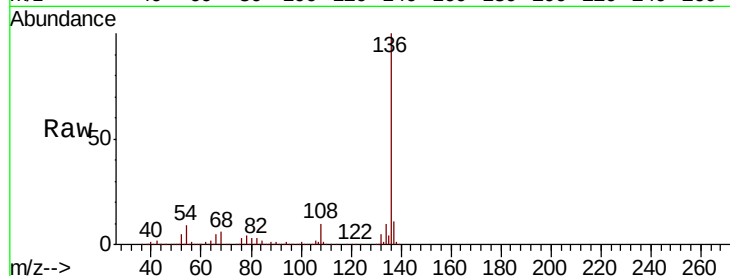




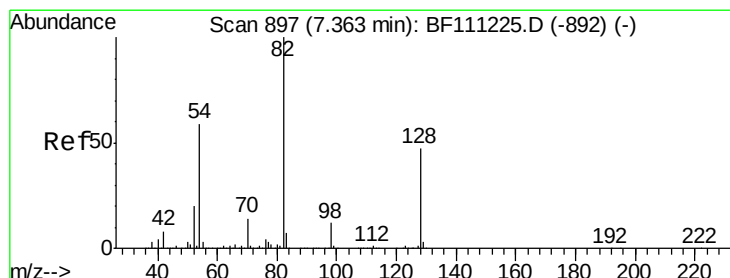
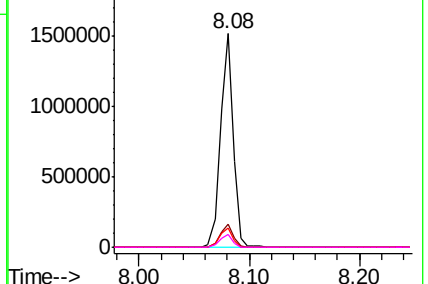
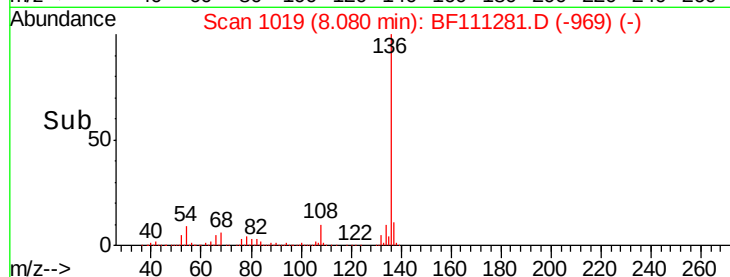
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111281.D
Acq: 11 Dec 2018 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1219921
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.1	7.7	11.5
68	5.9	4.9	7.3

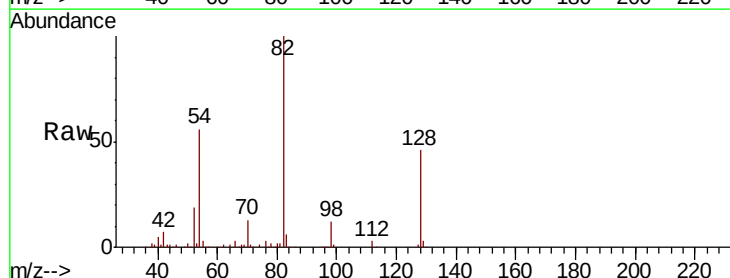


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

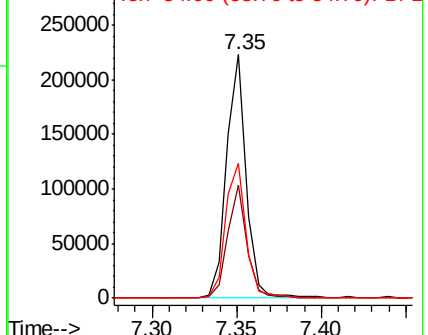
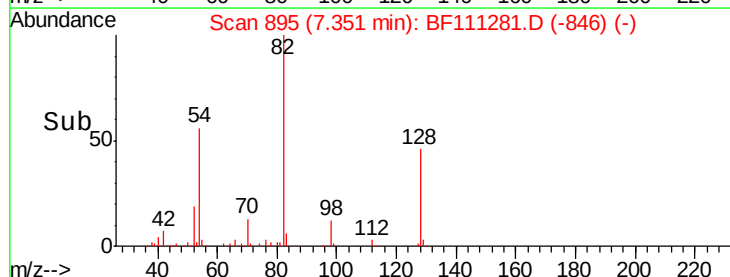


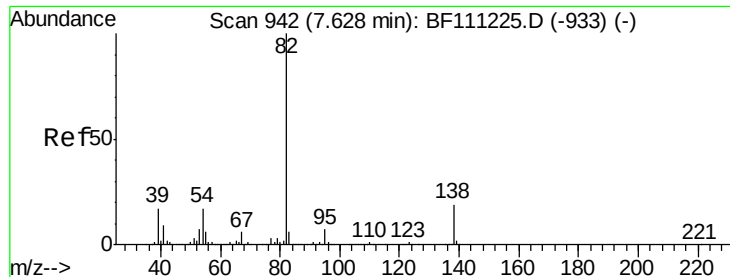
#23
Nitrobenzene-d5
Concen: 8.293 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111281.D
Acq: 11 Dec 2018 16:21

Tgt Ion:	82	Resp:	180372
Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.2
54	55.5	47.6	71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 4.773 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.28 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

Instrument :

BNA_F

ClientSampled :

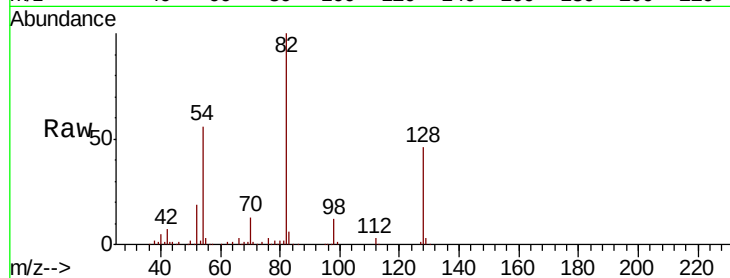
Tot Ion: 82 Resp: 176798

Ion Ratio Lower Upper

82 100

95 0.2 5.4 8.2#

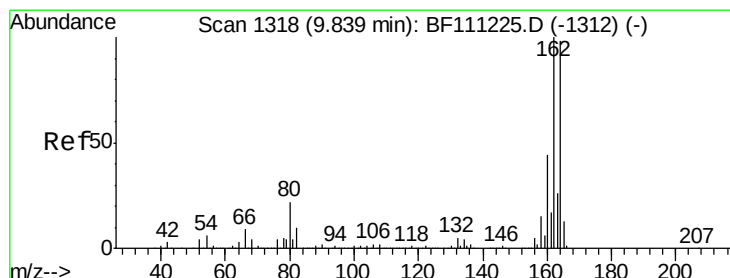
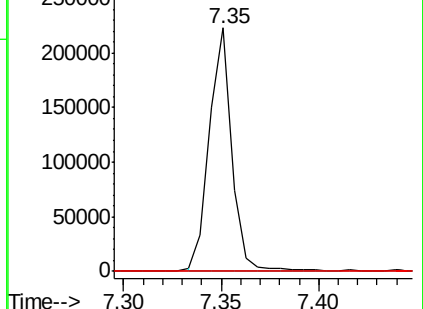
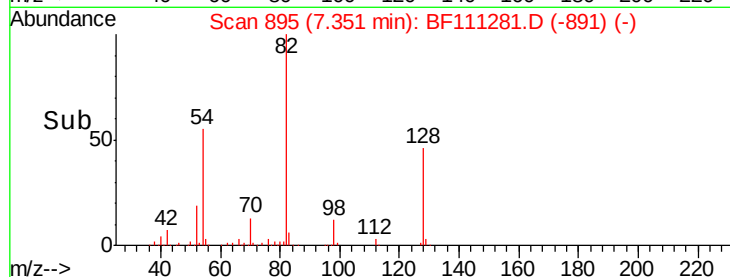
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

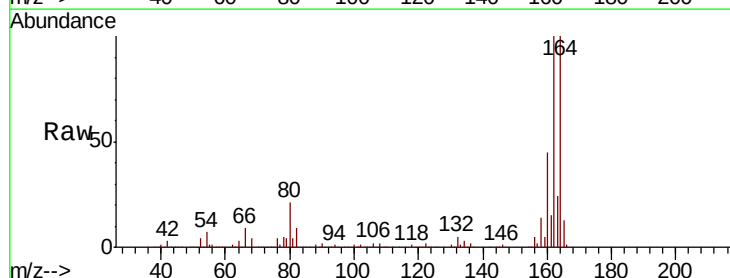
Tgt Ion:164 Resp: 453409

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

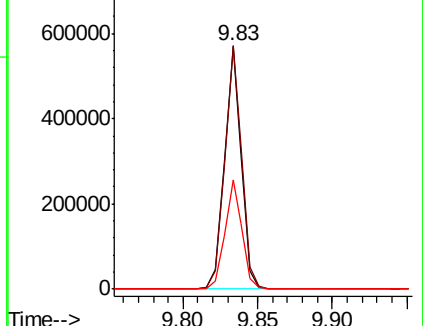
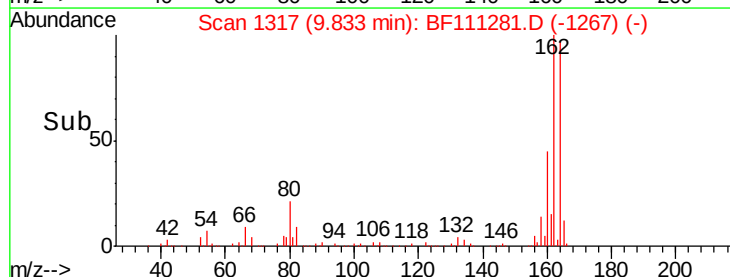
160 44.8 35.7 53.5

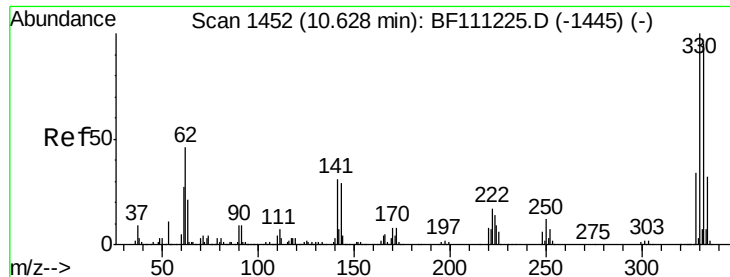


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

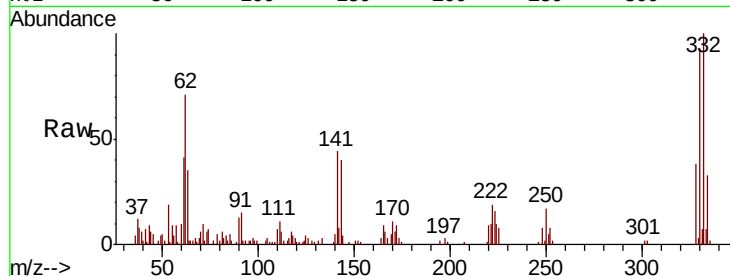




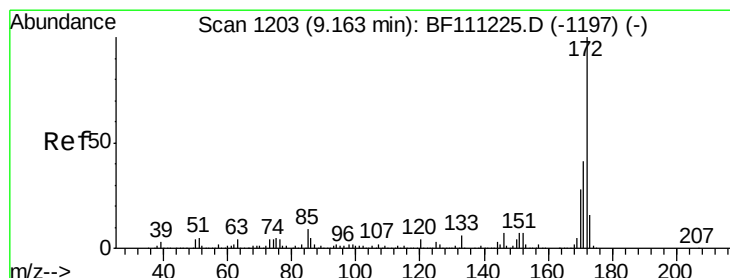
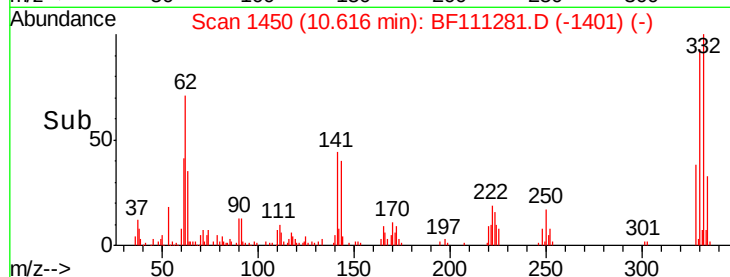
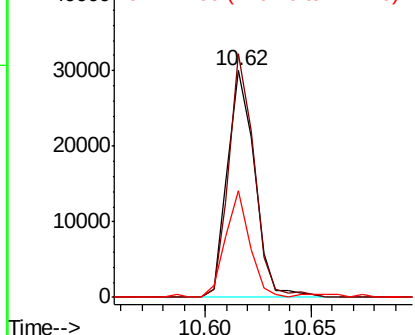
#42
 2,4,6-Tribromophenol
 Concen: 6.660 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111281.D
 Acq: 11 Dec 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 26748
 Ion Ratio Lower Upper
 330 100
 332 100.5 76.0 114.0
 141 42.4 31.0 46.6

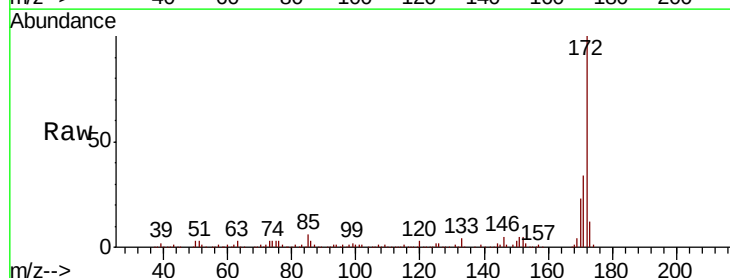


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

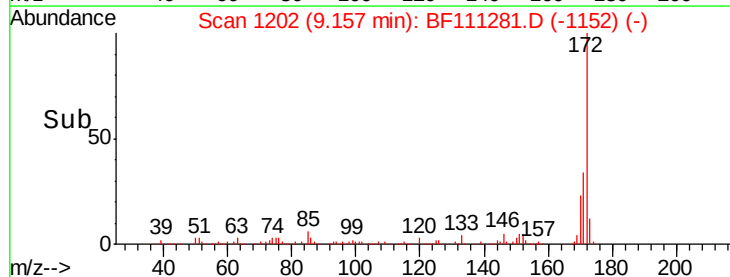
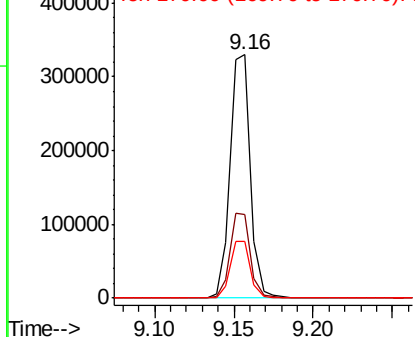


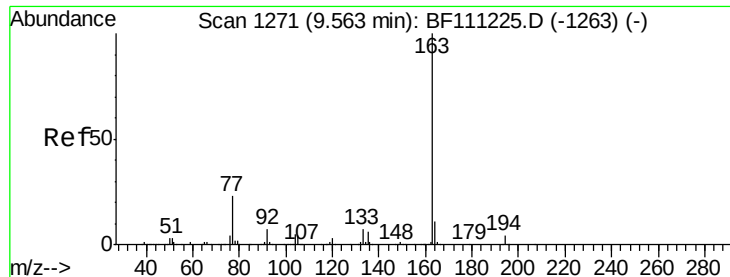
#45
 2-Fluorobiphenyl
 Concen: 5.478 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111281.D
 Acq: 11 Dec 2018 16:21

Tgt Ion:172 Resp: 293164
 Ion Ratio Lower Upper
 172 100
 171 34.4 33.0 49.4
 170 23.4 22.3 33.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.569 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

Instrument :

BNA_F

ClientSampleId :

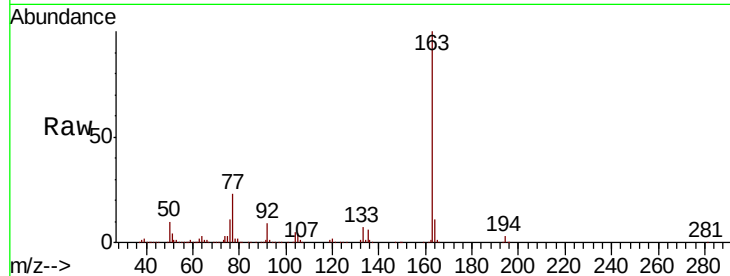
Tot Ion:163 Resp: 387056

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

164 10.8 8.9 13.3

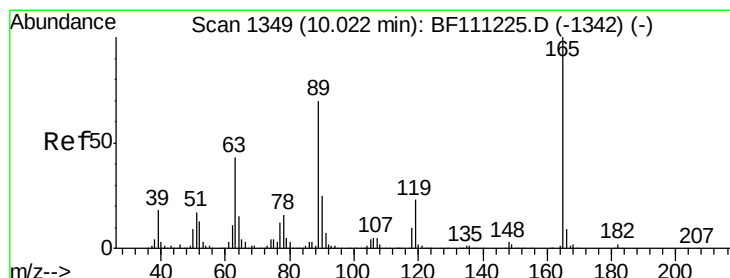
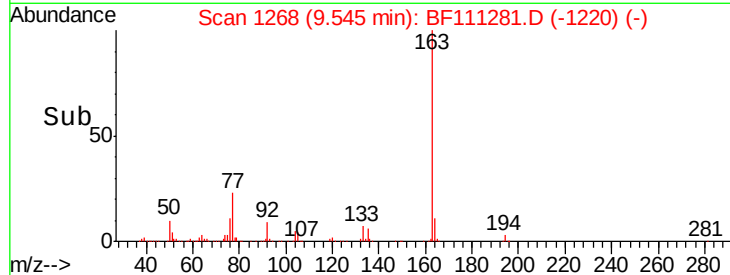
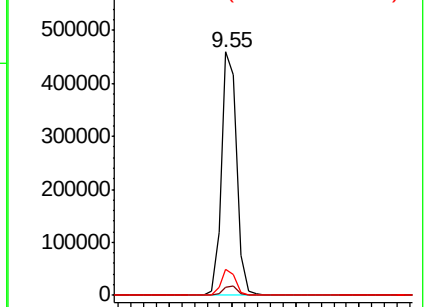


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.235 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

Tgt Ion:165 Resp: 56789

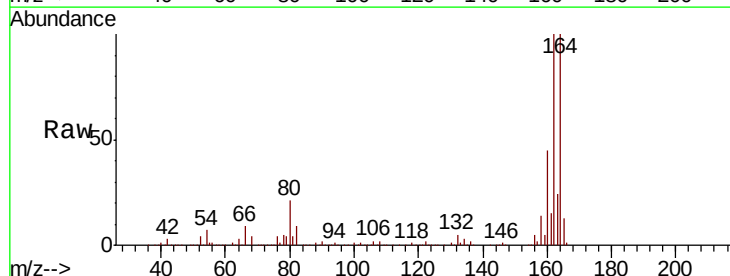
Ion Ratio Lower Upper

165 100

63 1.5 34.6 52.0#

89 1.2 56.2 84.4#

182 0.0 1.8 2.6#



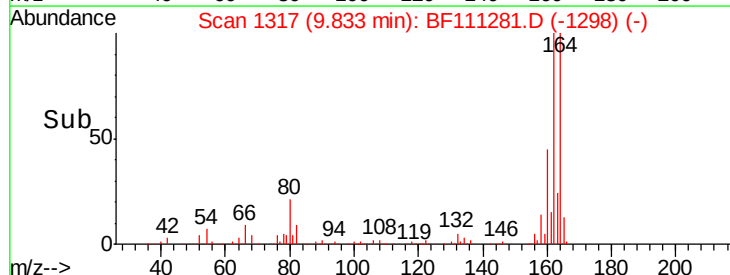
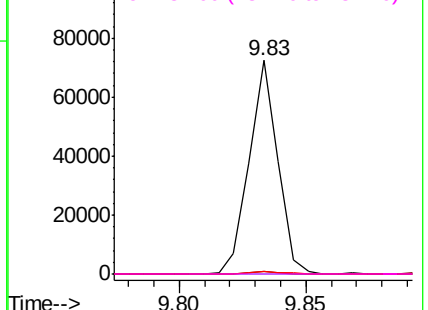
Abundance

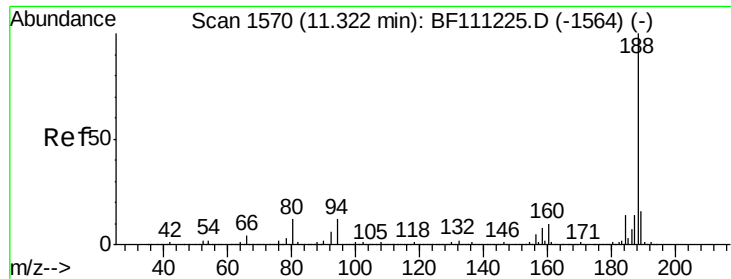
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

Instrument :

BNA_F

ClientSampleId :

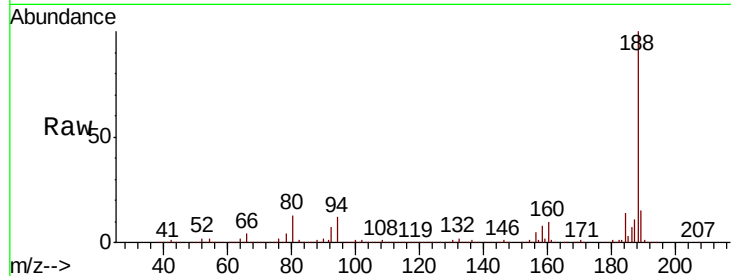
Tot Ion:188 Resp: 770686

Ion Ratio Lower Upper

188 100

94 11.7 9.6 14.4

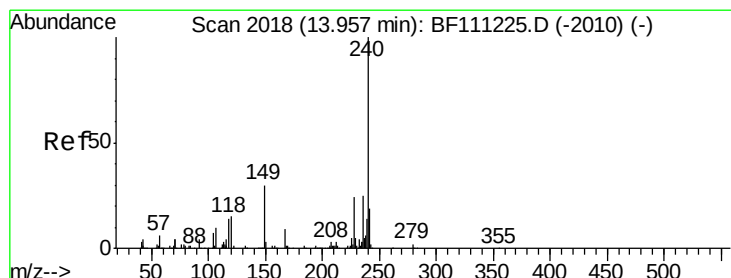
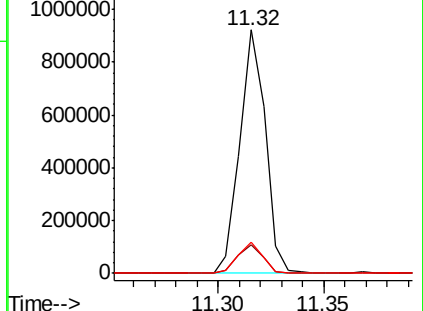
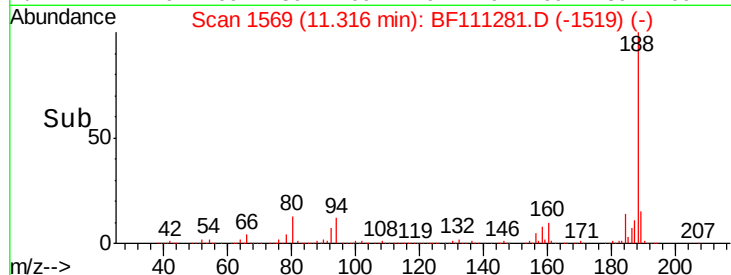
80 12.8 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

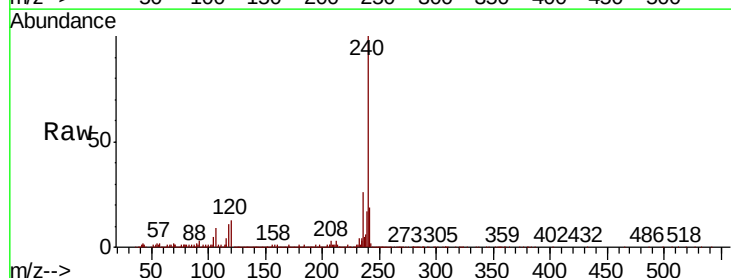
Tgt Ion:240 Resp: 573179

Ion Ratio Lower Upper

240 100

120 13.3 12.2 18.2

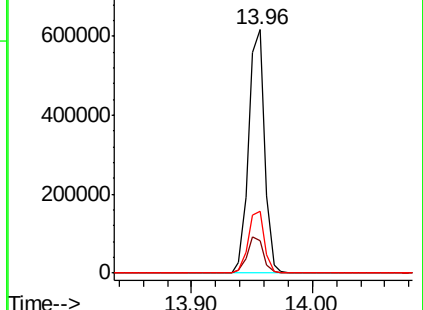
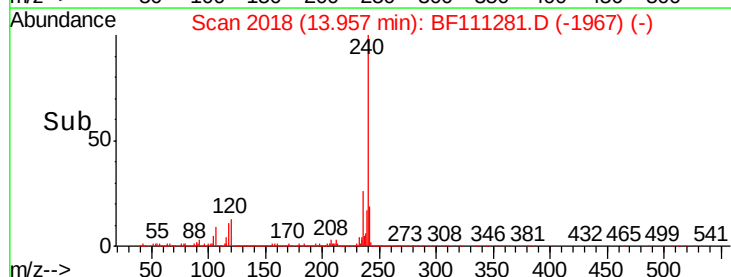
236 25.6 20.2 30.2

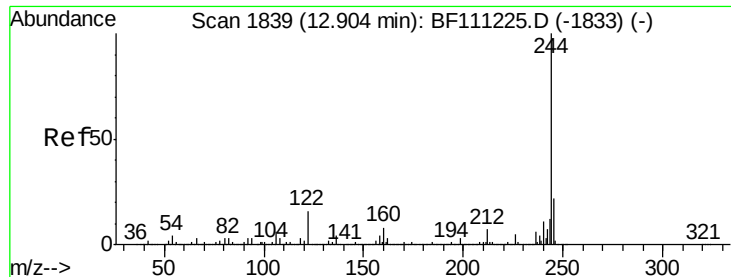


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 7.848 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

Instrument :

BNA_F

ClientSampled :

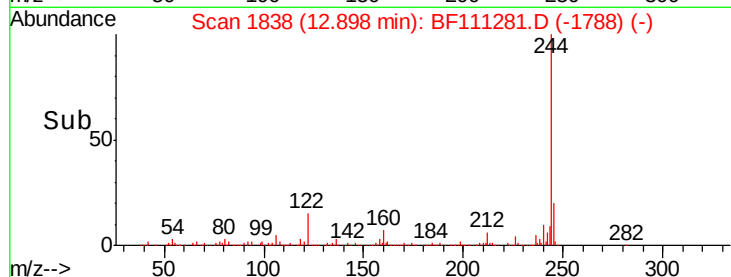
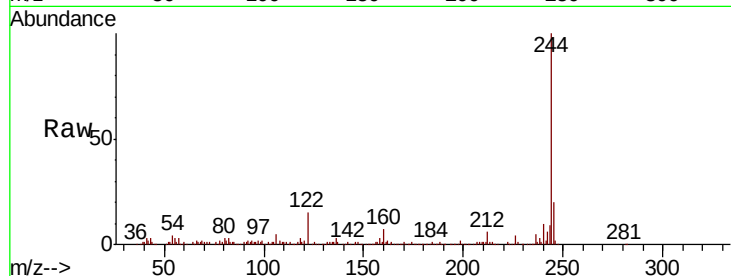
Tot Ion:244 Resp: 187530

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

122 15.5 13.1 19.7

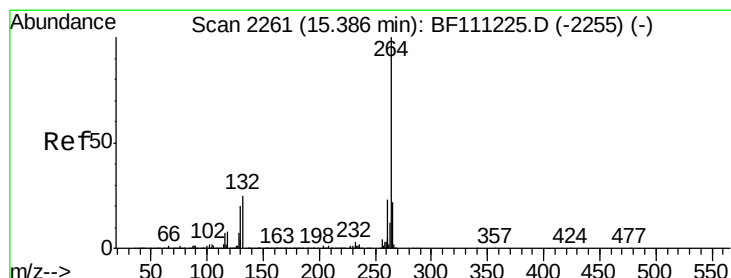
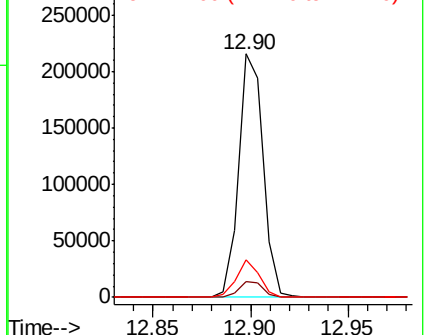


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111281.D

Acq: 11 Dec 2018 16:21

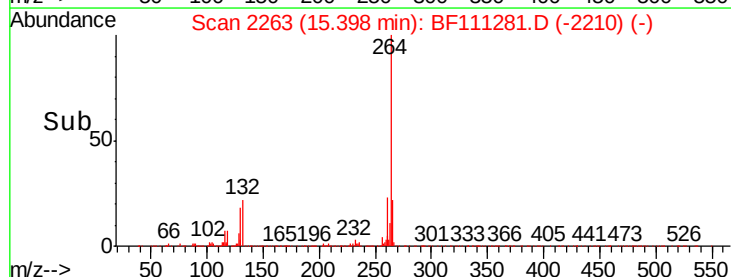
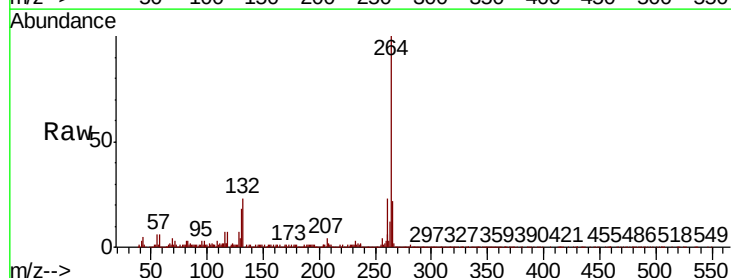
Tgt Ion:264 Resp: 436817

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 22.3 17.7 26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

