

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111265.D
 Acq On : 11 Dec 2018 1:48
 Operator : JU/SJ
 Sample : J6196-05 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-C

Quant Time: Dec 11 04:02:18 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

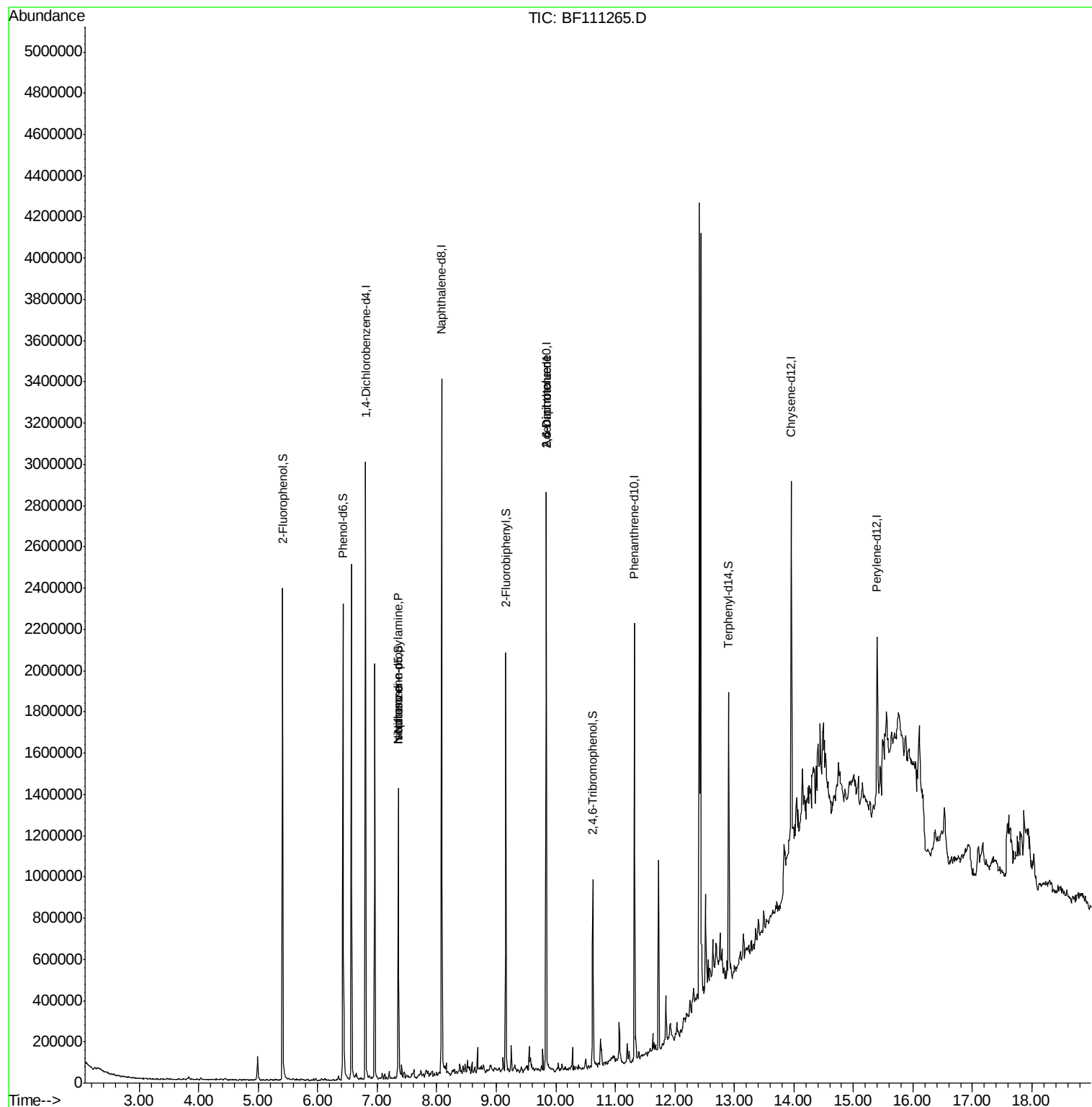
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	426017	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1504501	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	510806	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	700324	20.00	ng	0.00
76) Chrysene-d12	13.96	240	579885	20.00	ng	0.00
87) Perylene-d12	15.40	264	380914	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	629161	23.32	ng	0.00
7) Phenol-d6	6.42	99	780676	23.28	ng	-0.01
23) Nitrobenzene-d5	7.36	82	402010	14.99	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	91238	20.16	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	597927	13.50	ng	0.00
79) Terphenyl-d14	12.90	244	434854	17.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	931	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	54394	2.422 ng	#	76
25) Isophorone	7.36	82	388768	8.510 ng	#	64
46) 1,1'-Biphenyl	9.26	154	2009	Below Cal	#	84
51) 2,6-Dinitrotoluene	9.84	165	67535	8.114 ng	#	29
57) 2,4-Dinitrotoluene	9.84	165	67535	6.582 ng	#	25

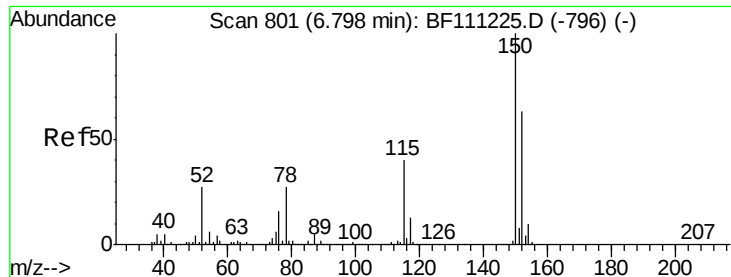
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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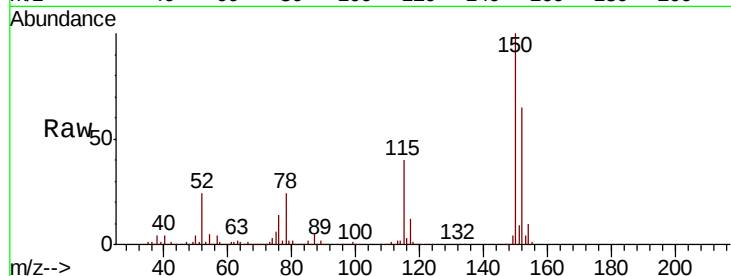


#1

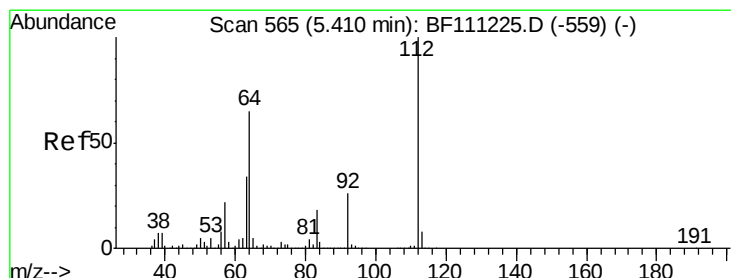
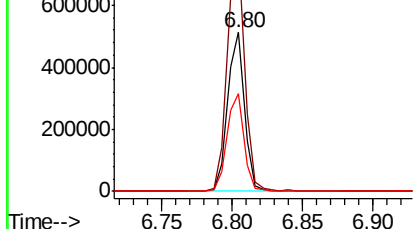
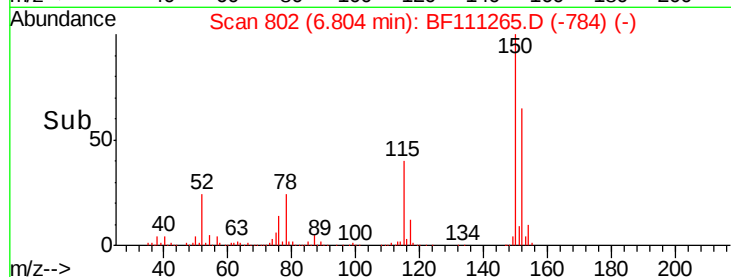
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-C

Tgt Ion:152 Resp: 426017
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 61.4 50.7 76.1



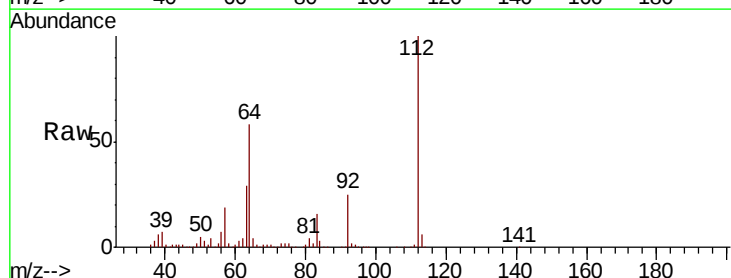
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



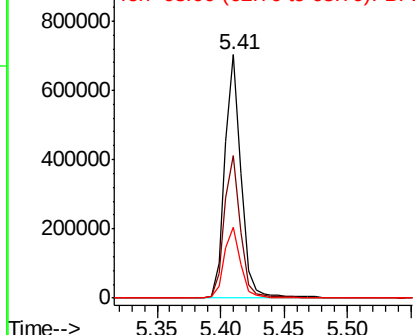
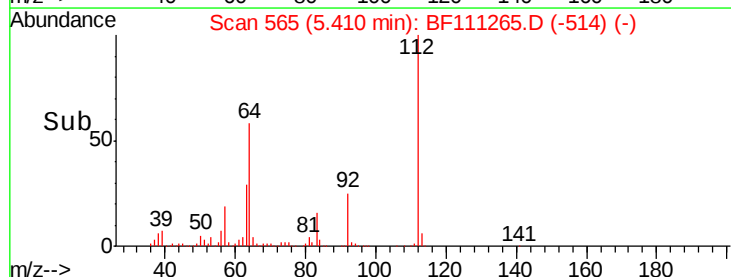
#5

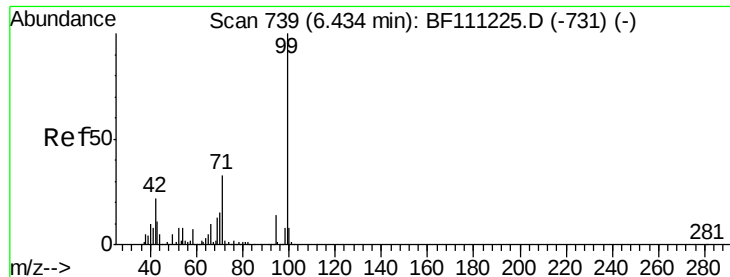
2-Fluorophenol
Concen: 23.320 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

Tgt Ion:112 Resp: 629161
Ion Ratio Lower Upper
112 100
64 58.5 51.8 77.6
63 29.1 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: 23.284 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

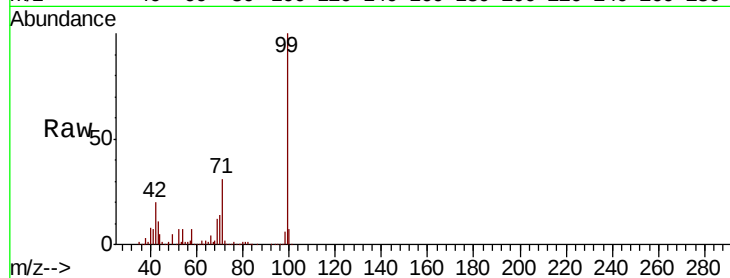
Tgt Ion: 99 Resp: 780676

Ion Ratio Lower Upper

99 100

42 20.4 17.4 26.0

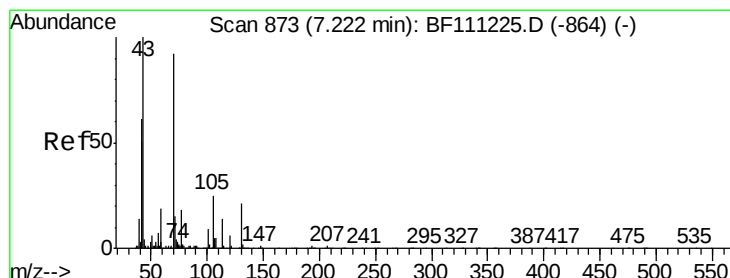
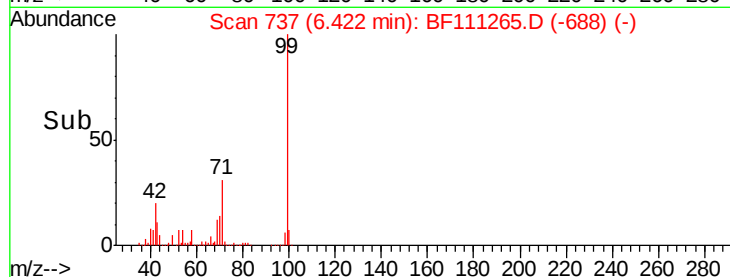
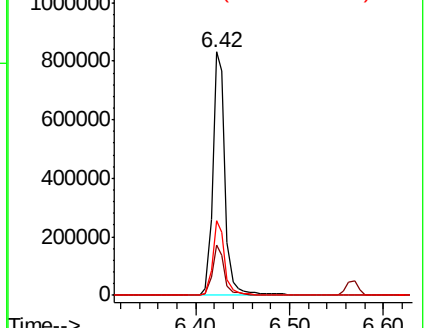
71 30.6 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.422 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Tgt Ion: 70 Resp: 54394

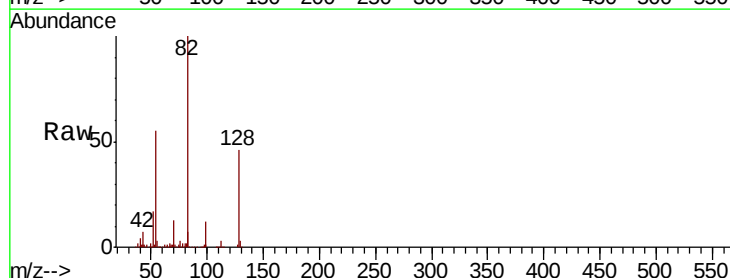
Ion Ratio Lower Upper

70 100

42 52.6 53.2 79.8#

101 0.0 8.2 12.4#

130 2.1 18.1 27.1#

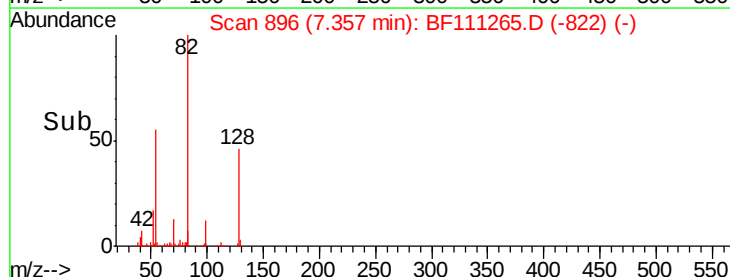
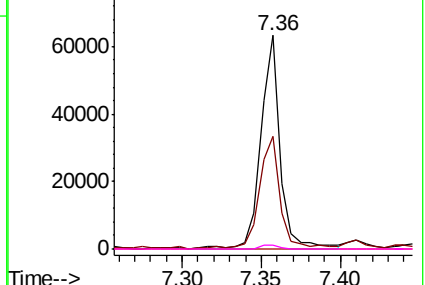


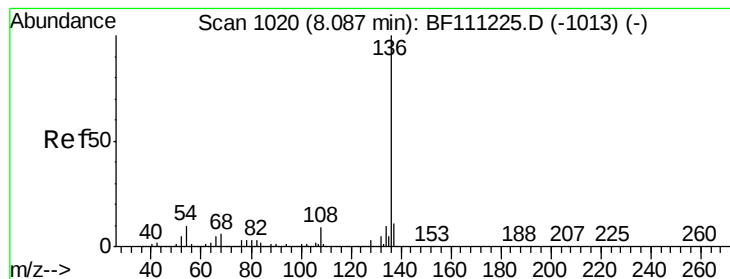
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

Tgt Ion: 136 Resp: 1504501

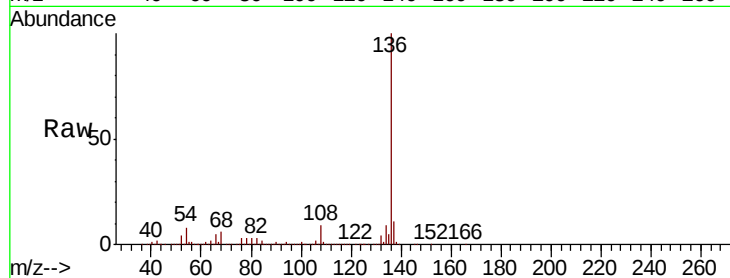
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.3 7.7 11.5

68 5.8 4.9 7.3

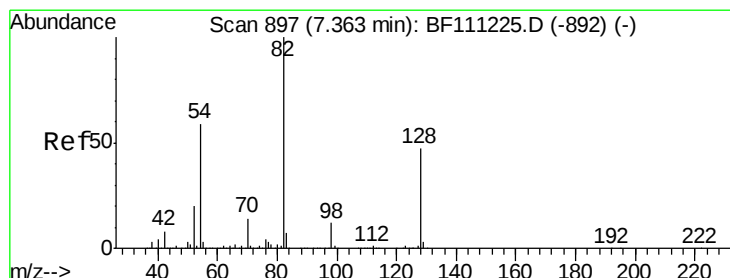
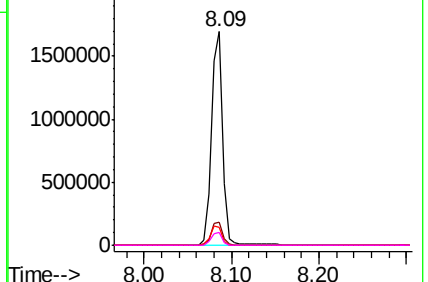
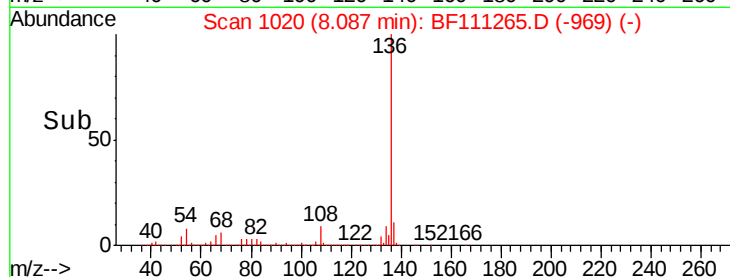


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.987 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

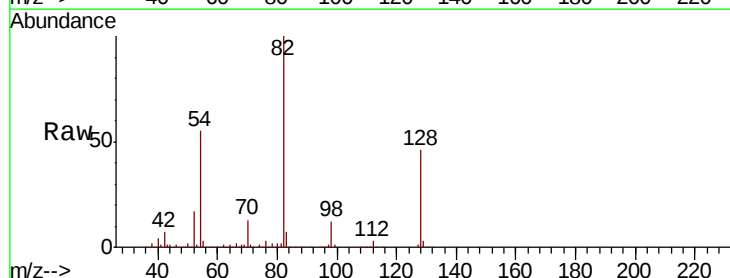
Tgt Ion: 82 Resp: 402010

Ion Ratio Lower Upper

82 100

128 46.0 37.4 56.2

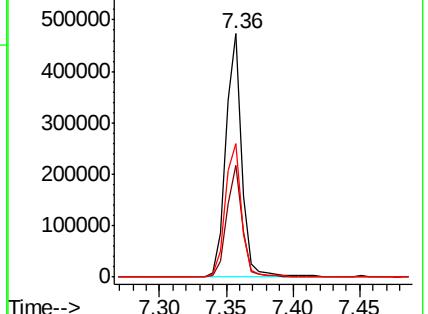
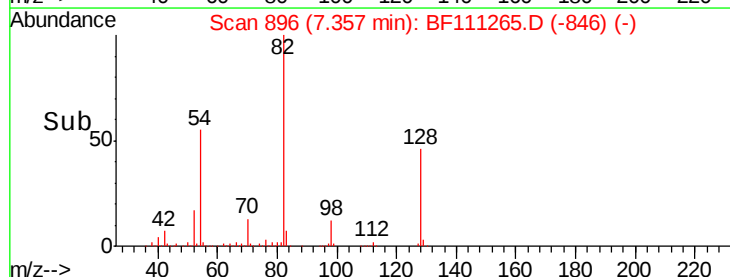
54 54.8 47.6 71.4

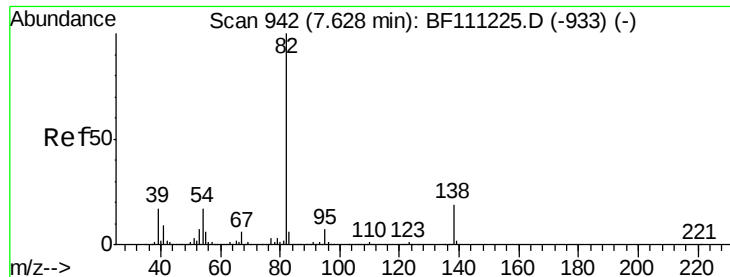


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

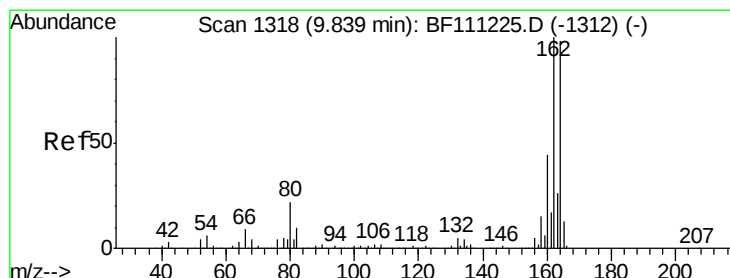
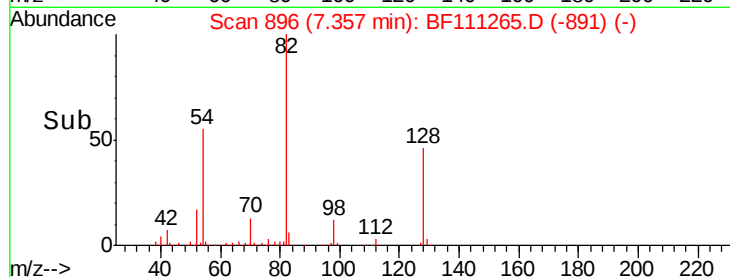
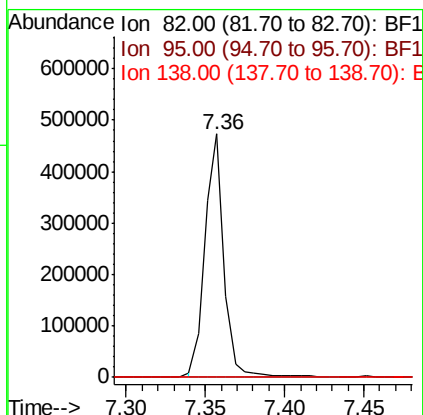
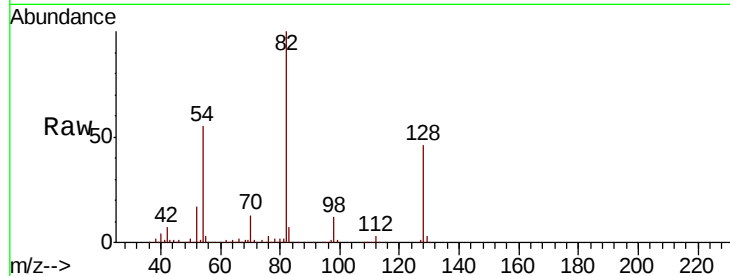




#25
Isophorone
Concen: 8.510 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

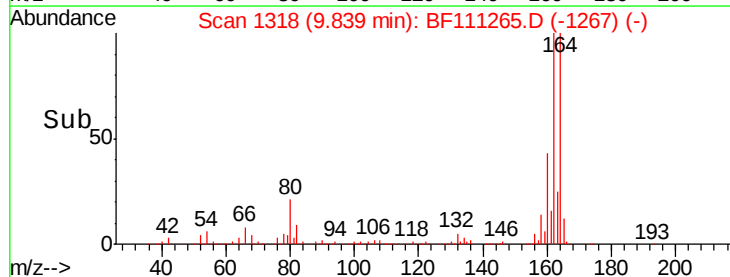
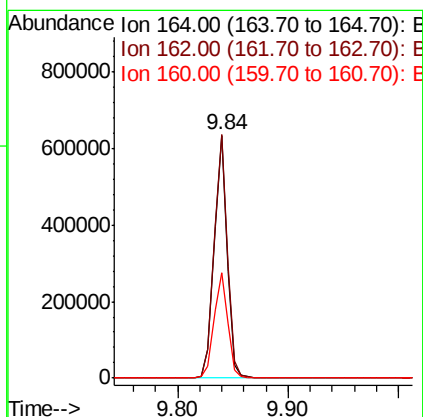
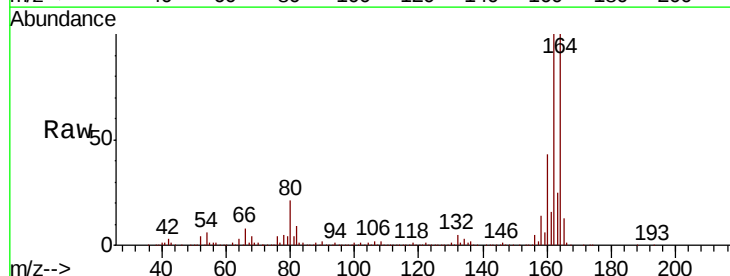
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-C

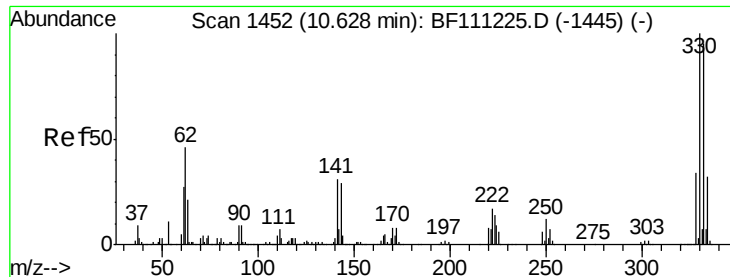
Tgt Ion: 82 Resp: 388768
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

Tgt Ion: 164 Resp: 510806
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 20.164 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

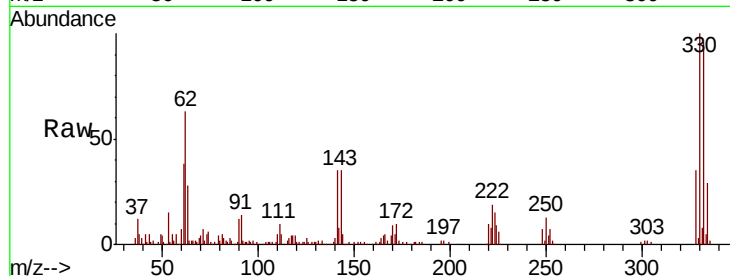
Tgt Ion:330 Resp: 91238

Ion Ratio Lower Upper

330 100

332 94.2 76.0 114.0

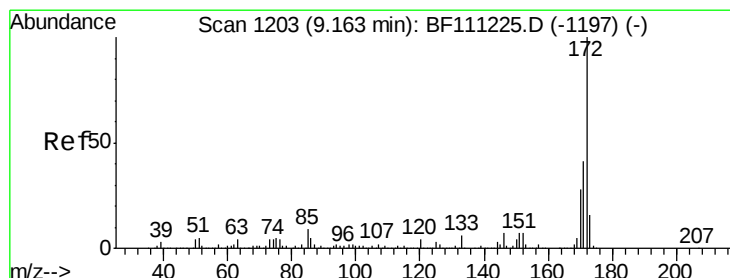
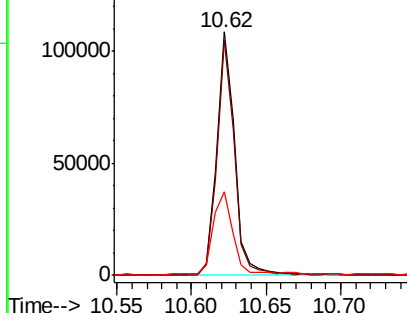
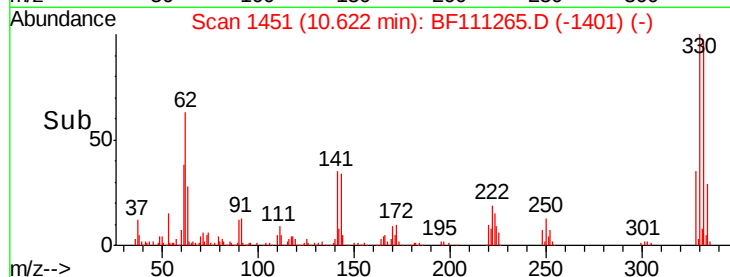
141 36.4 31.0 46.6



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: 13.500 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

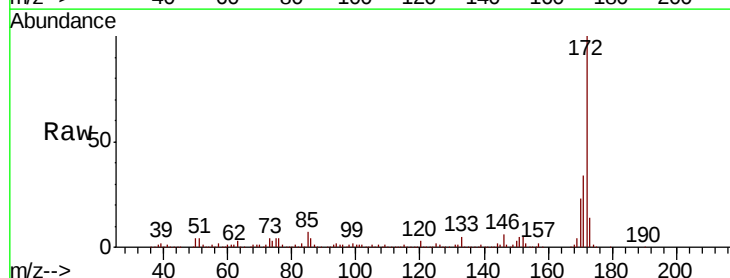
Tgt Ion:172 Resp: 597927

Ion Ratio Lower Upper

172 100

171 34.3 33.0 49.4

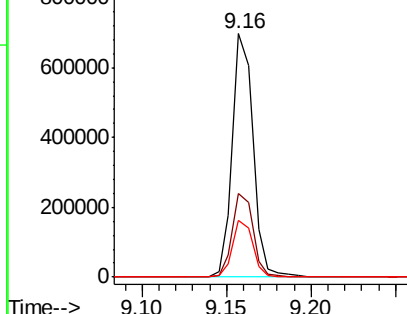
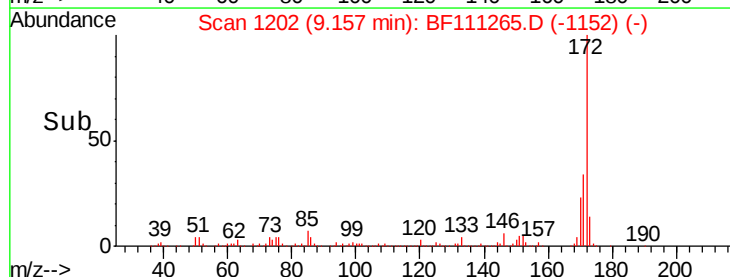
170 23.1 22.3 33.5

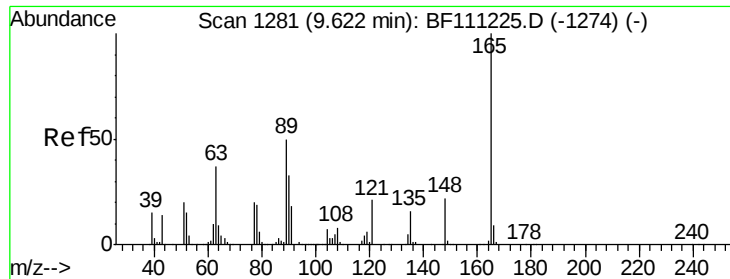


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

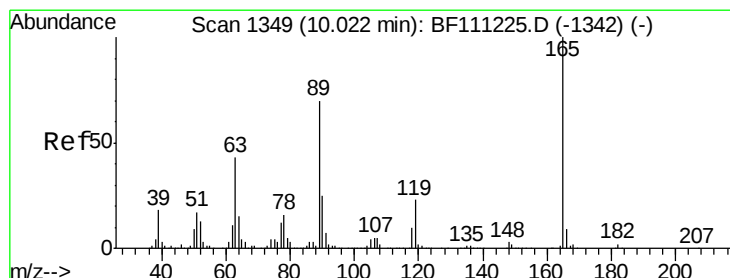
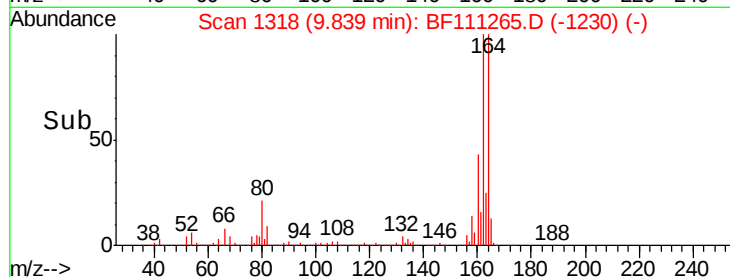
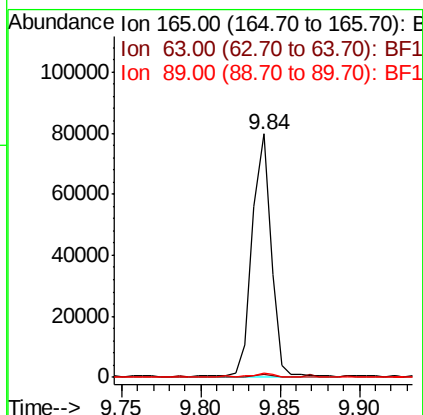
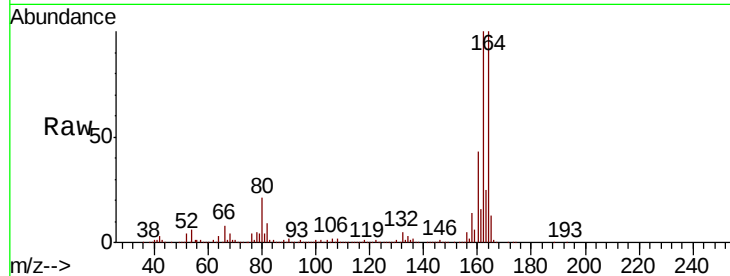




#51
 2,6-Dinitrotoluene
 Concen: 8.114 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.22 min
 Lab File: BF111265.D
 Acq: 11 Dec 2018 1:48

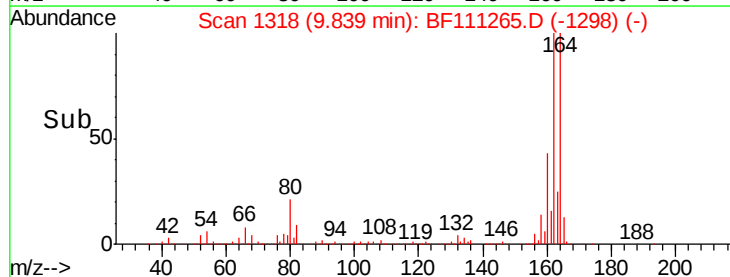
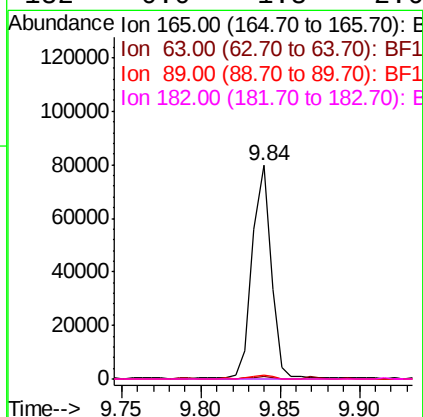
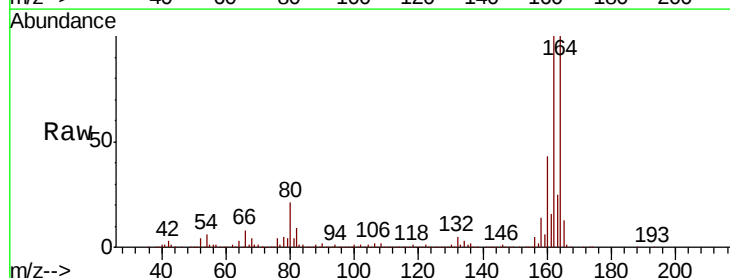
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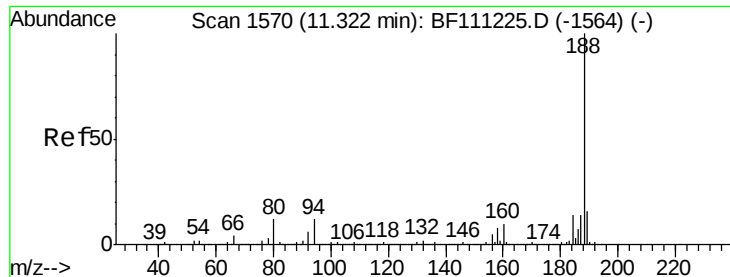
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.5	60.7#
89	1.6	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.582 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111265.D
 Acq: 11 Dec 2018 1:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

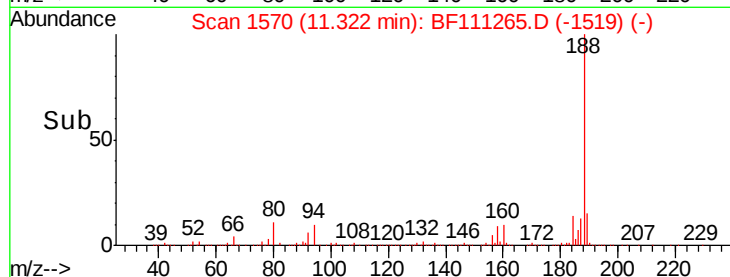
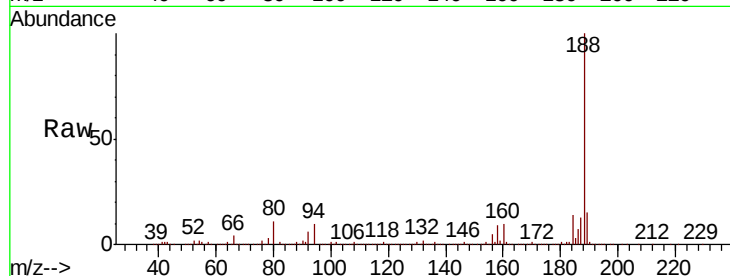
Tgt Ion:188 Resp: 700324

Ion Ratio Lower Upper

188 100

94 10.3 9.6 14.4

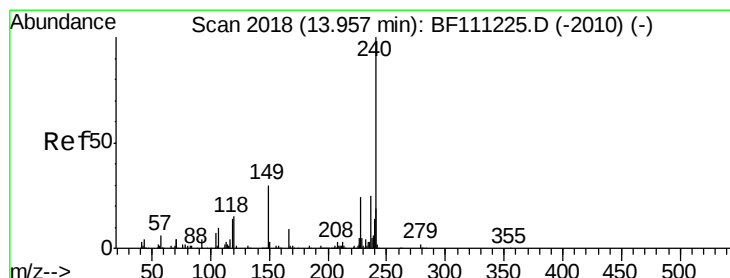
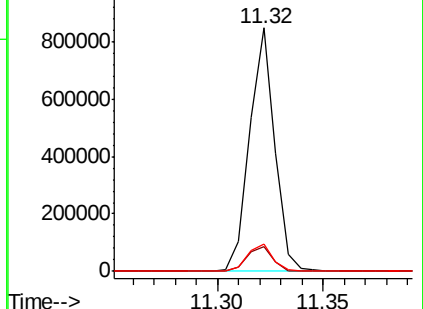
80 11.1 9.8 14.6



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: BF111265.D

Acq: 11 Dec 2018 1:48

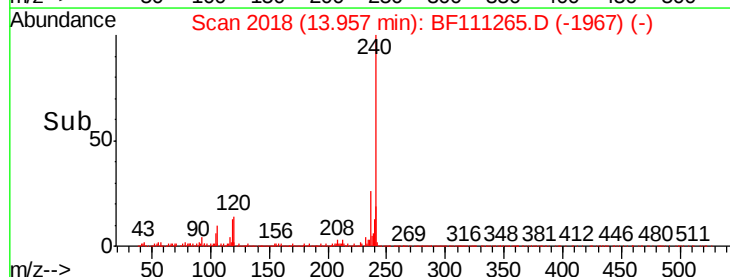
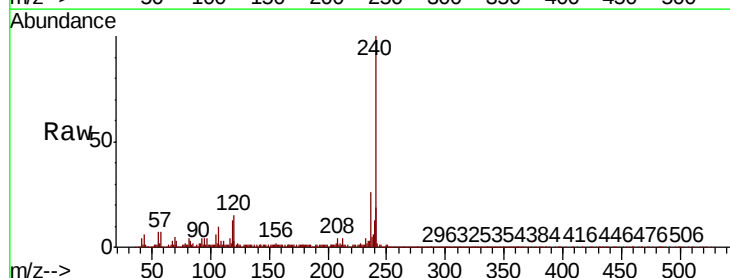
Tgt Ion:240 Resp: 579885

Ion Ratio Lower Upper

240 100

120 14.7 12.2 18.2

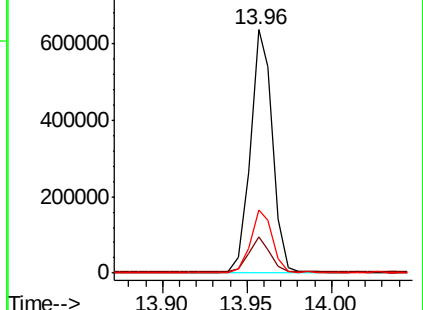
236 25.9 20.2 30.2

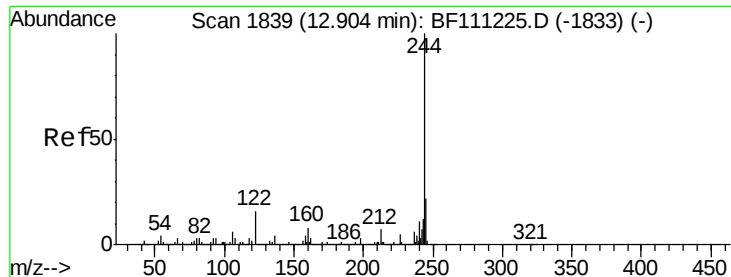


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 17.987 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

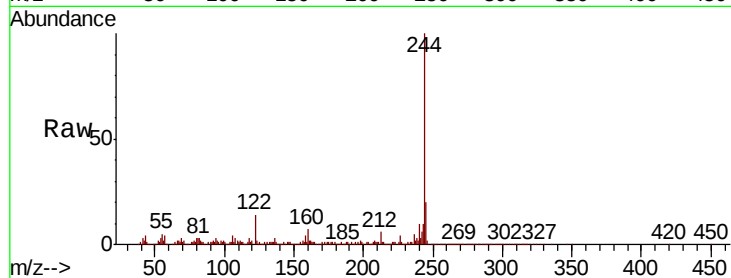
Tgt Ion:244 Resp: 434854

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

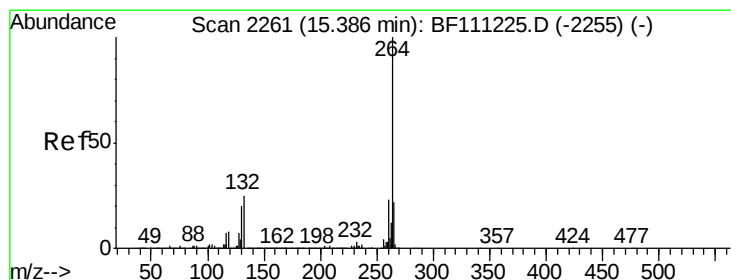
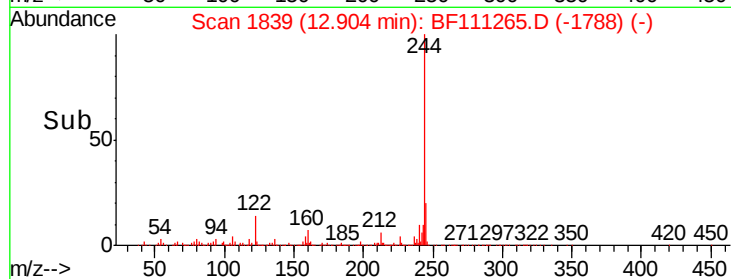
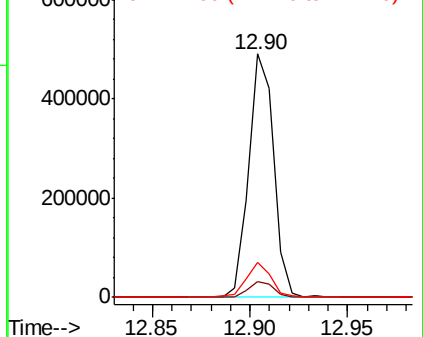
122 14.3 13.1 19.7



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: BF111265.D

Acq: 11 Dec 2018 1:48

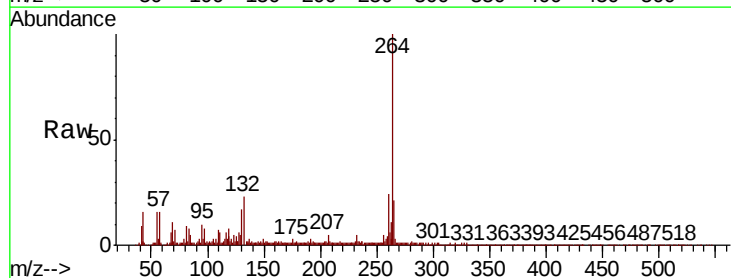
Tgt Ion:264 Resp: 380914

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.4 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

