

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113068.D
 Acq On : 15 Mar 2019 16:21
 Operator : JU/SJ
 Sample : K1927-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Quant Time: Mar 15 22:54:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

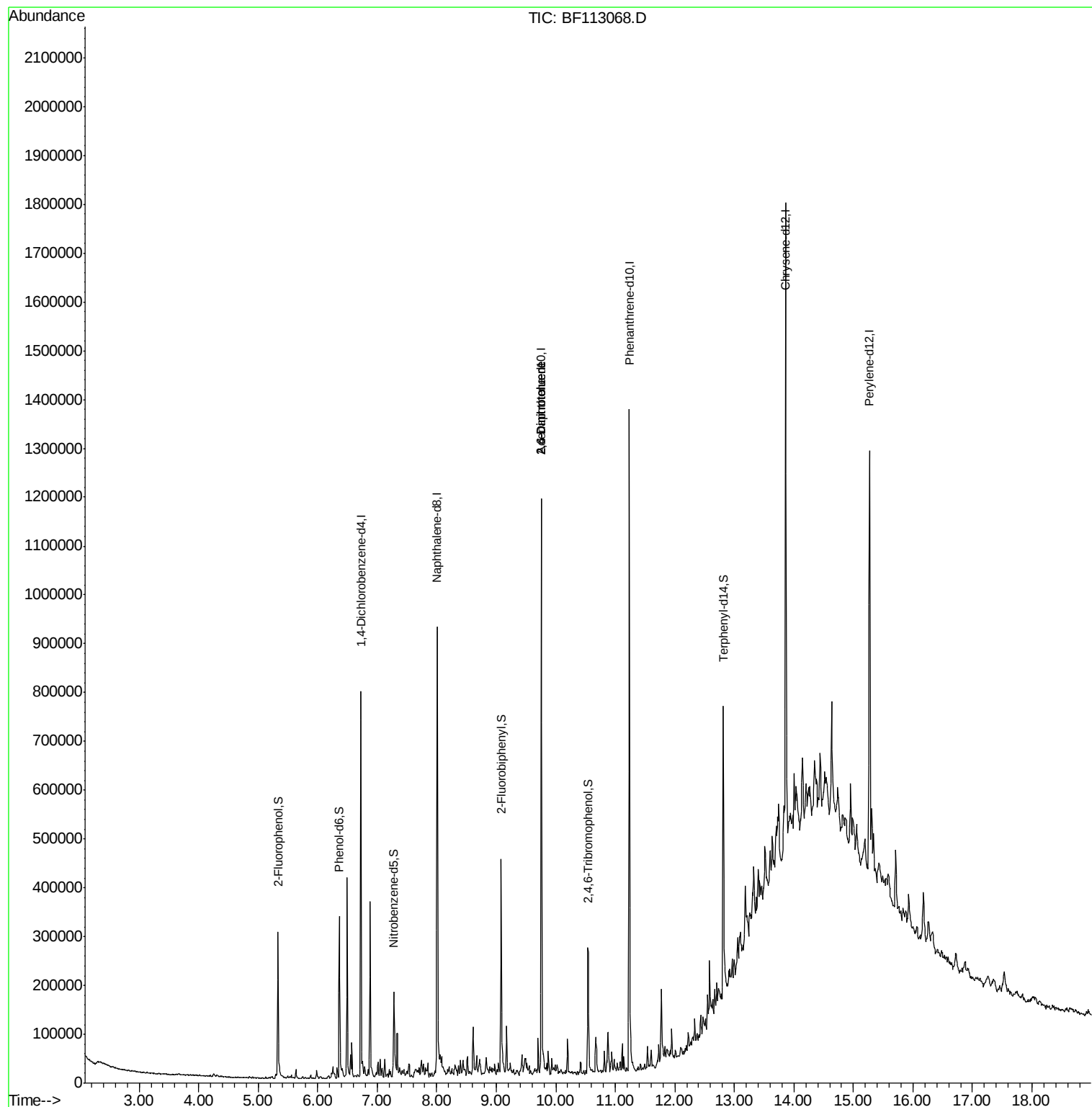
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	130599	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	446927	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	246685	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	564369	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	466789	20.00	ng	0.00
87) Perylene-d12	15.27	264	457963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	97250	11.58	ng	-0.01
7) Phenol-d6	6.36	99	132059	12.52	ng	-0.01
23) Nitrobenzene-d5	7.28	82	69852	9.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	43346	16.55	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	170701	8.01	ng	-0.01
79) Terphenyl-d14	12.82	244	221269	9.19	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	32989	8.709	ng	# 19
57) 2,4-Dinitrotoluene	9.76	165	33375	7.089	ng	# 18

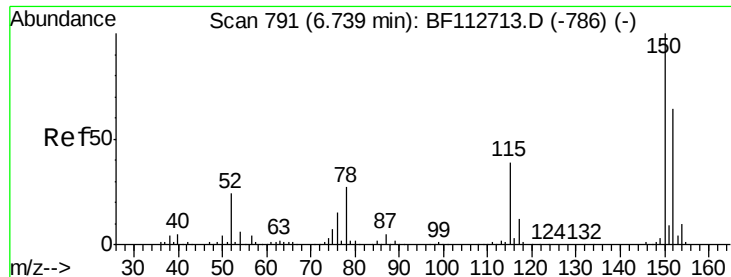
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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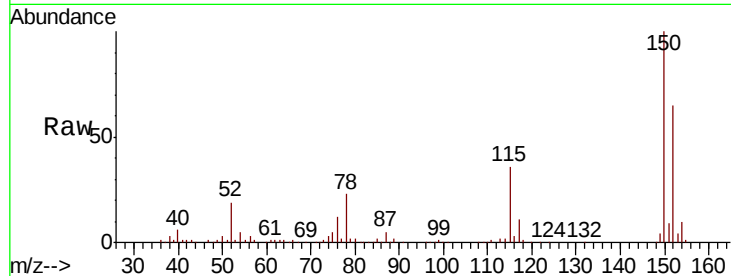


#1

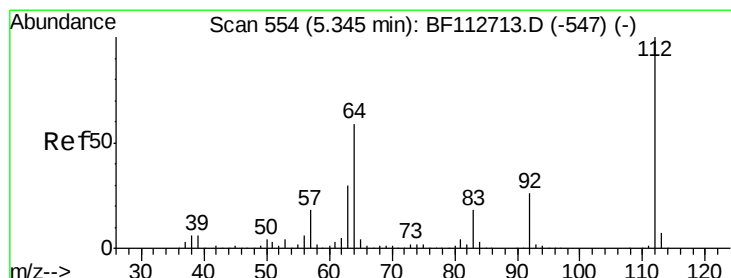
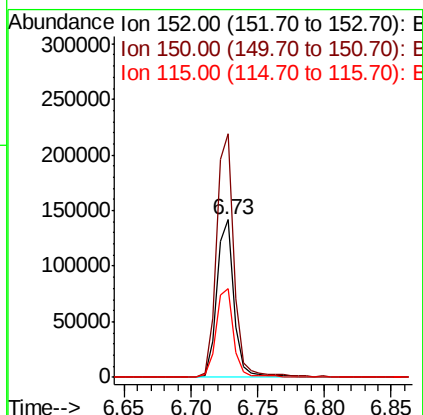
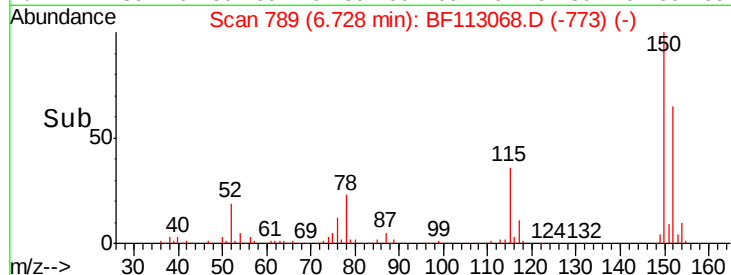
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113068.D
 Acq: 15 Mar 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tgt Ion:152 Resp: 130599
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 56.4 48.2 72.4



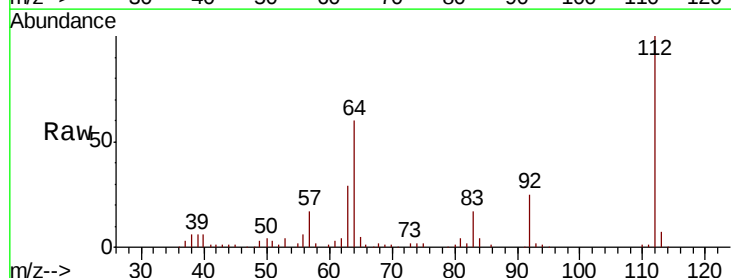
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



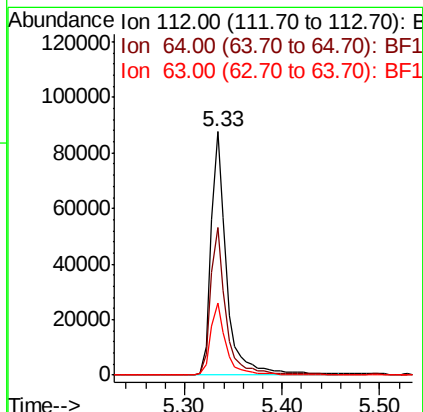
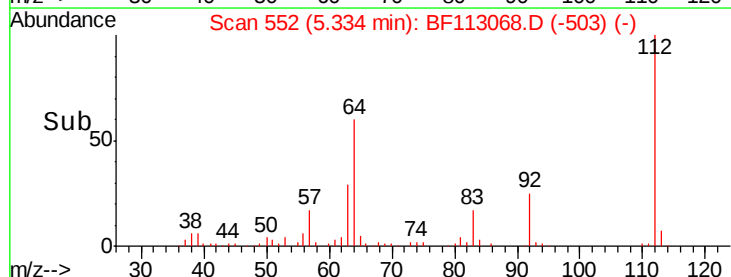
#5

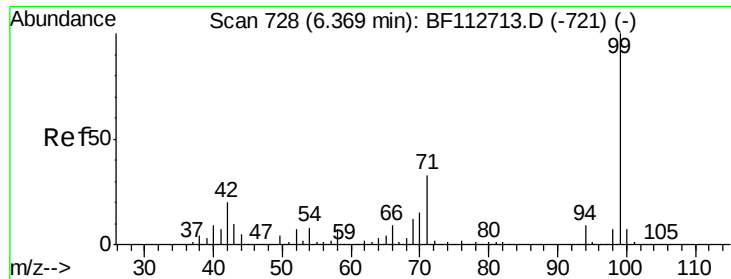
2-Fluorophenol
 Concen: 11.583 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113068.D
 Acq: 15 Mar 2019 16:21

Tgt Ion:112 Resp: 97250
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.6 71.4
 63 29.5 24.4 36.6



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: 12.522 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113068.D

Acq: 15 Mar 2019 16:21

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

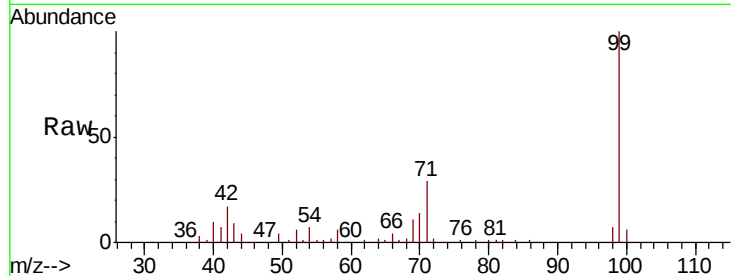
Tgt Ion: 99 Resp: 132059

Ion Ratio Lower Upper

99 100

42 16.7 16.3 24.5

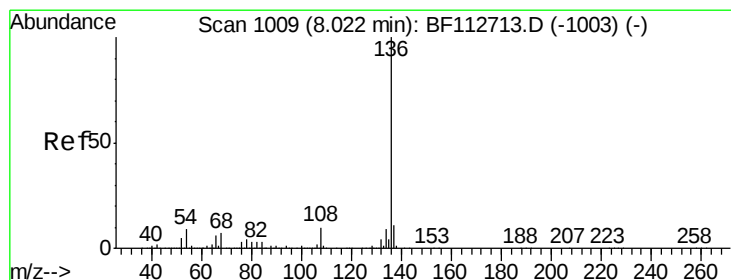
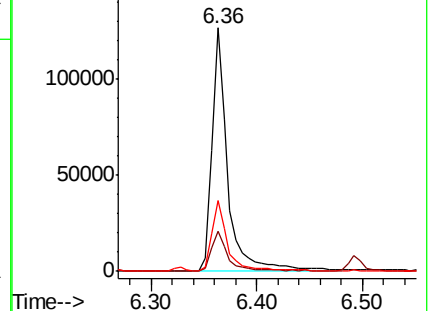
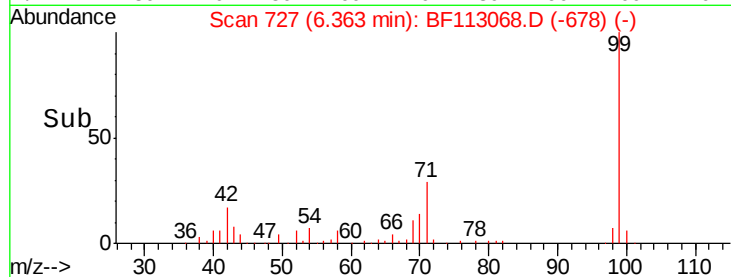
71 29.2 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113068.D

Acq: 15 Mar 2019 16:21

Tgt Ion: 136 Resp: 446927

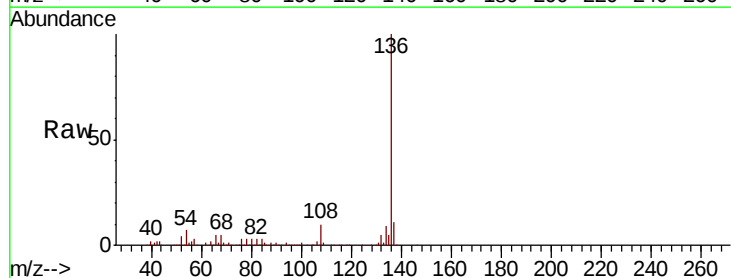
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 7.3 10.9

68 5.4 5.4 8.2#

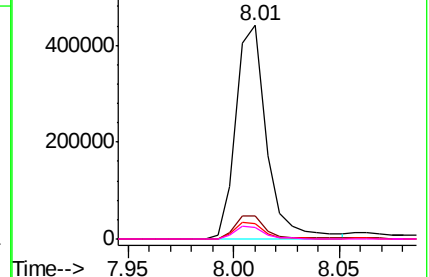
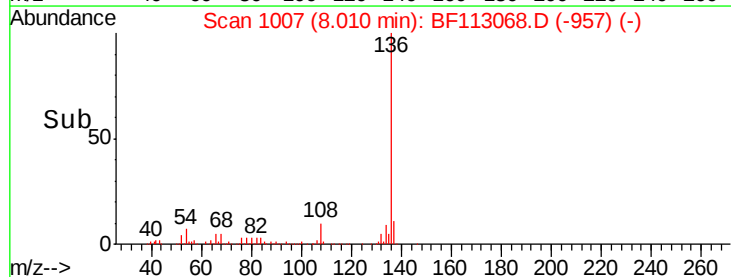


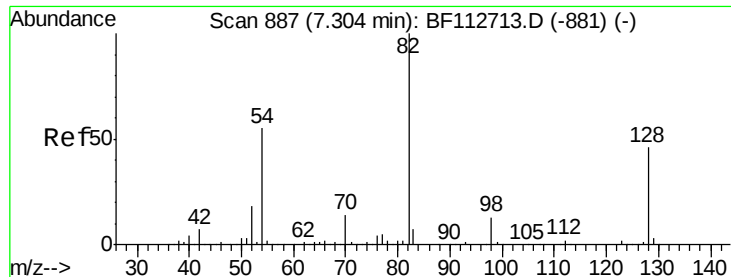
Abundance Ion 136.00 (135.70 to 136.70): E

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

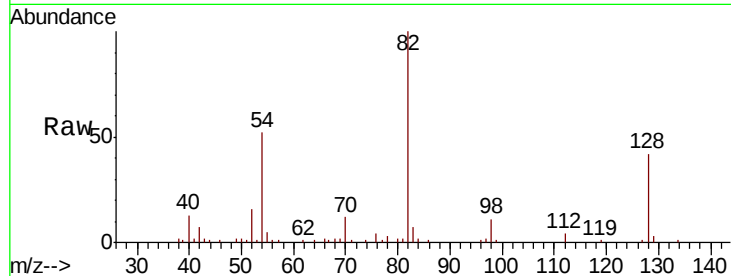




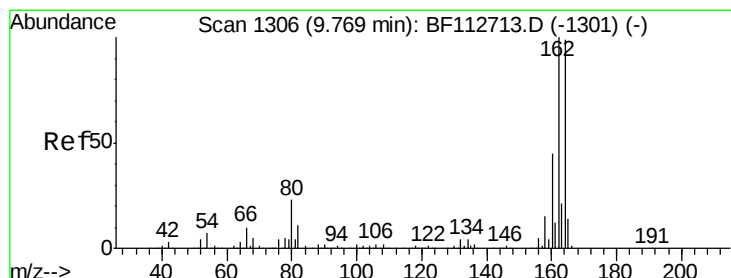
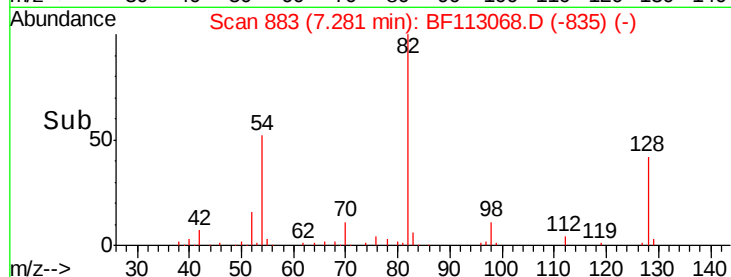
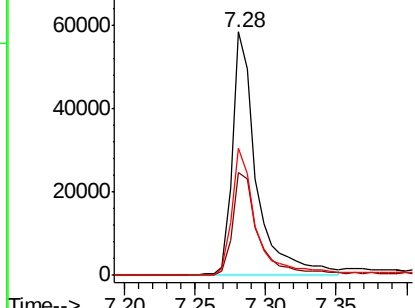
#23
Nitrobenzene-d5
Concen: 9.352 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion: 82 Resp: 69852
Ion Ratio Lower Upper
82 100
128 42.1 36.3 54.5
54 52.2 43.7 65.5

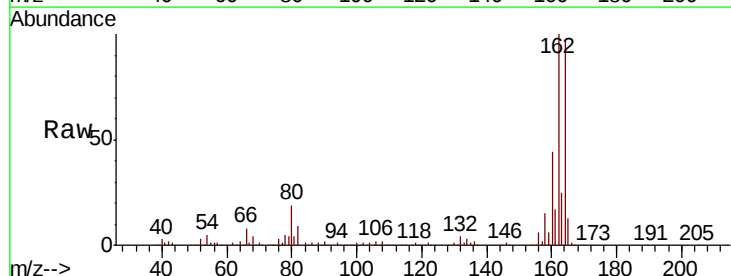


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

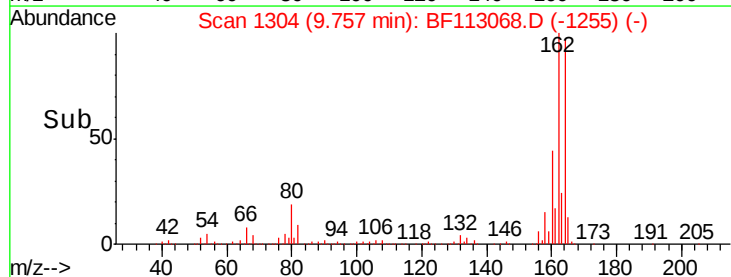
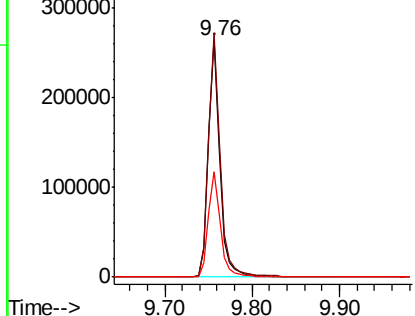


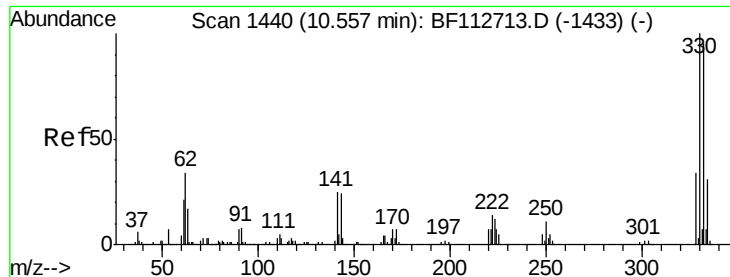
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion: 164 Resp: 246685
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 44.7 36.0 54.0



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

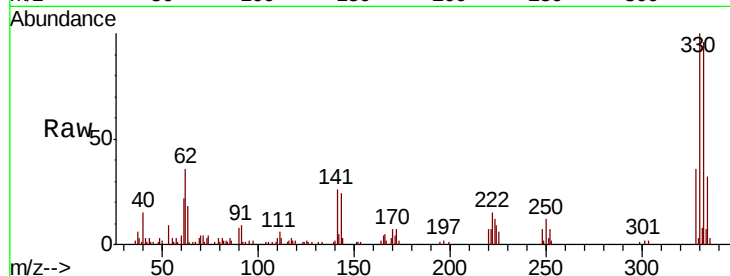




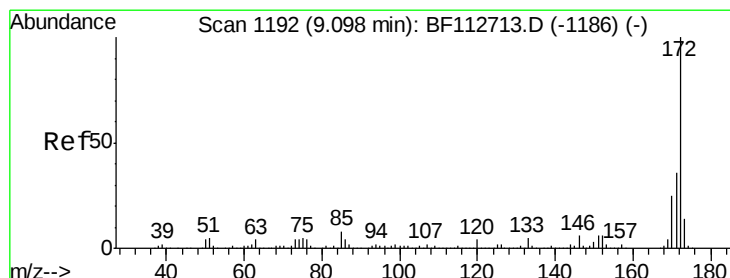
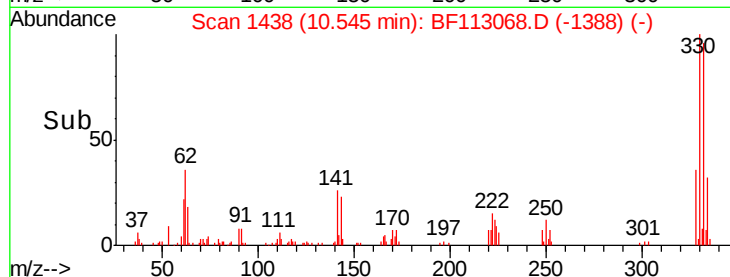
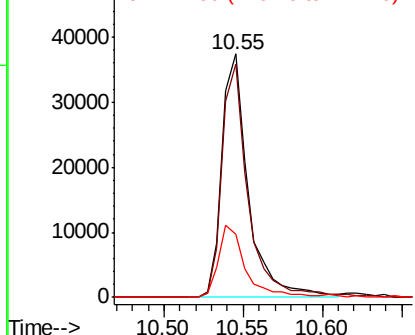
#42
 2,4,6-Tribromophenol
 Concen: 16.551 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113068.D
 Acq: 15 Mar 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tgt Ion:330 Resp: 43346
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.4
 141 31.2 27.0 40.6

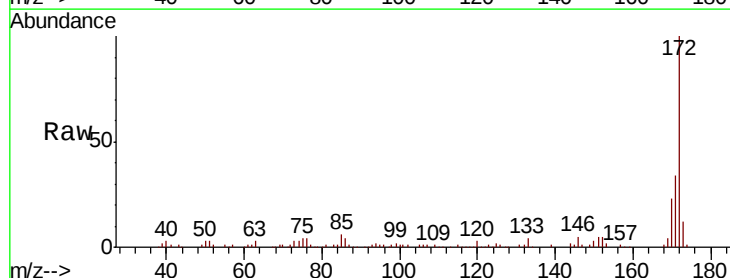


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

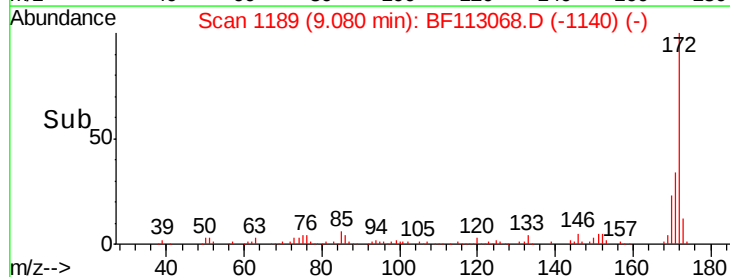
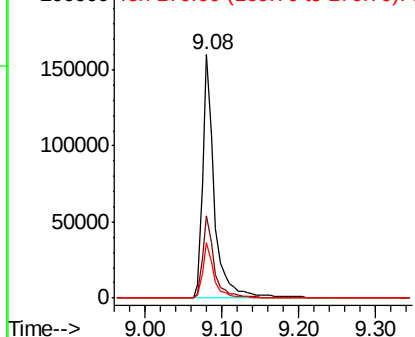


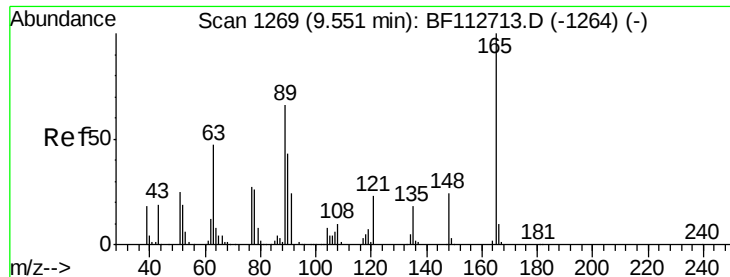
#45
 2-Fluorobiphenyl
 Concen: 8.006 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113068.D
 Acq: 15 Mar 2019 16:21

Tgt Ion:172 Resp: 170701
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.0 43.4
 170 23.0 20.0 30.0



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: 8.709 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF113068.D

Acq: 15 Mar 2019 16:21

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

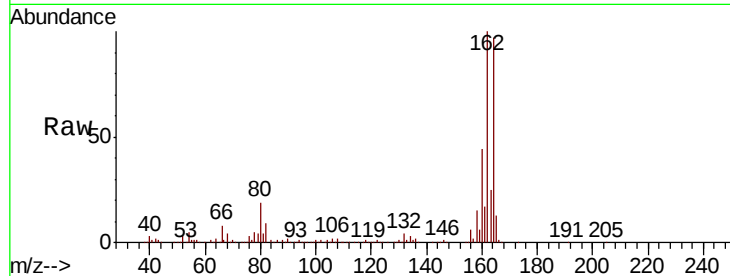
Tgt Ion:165 Resp: 32989

Ion Ratio Lower Upper

165 100

63 1.4 54.1 81.1#

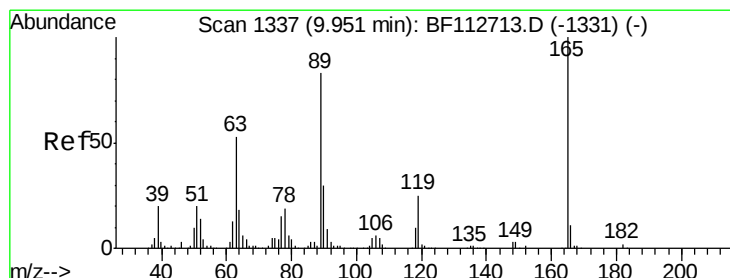
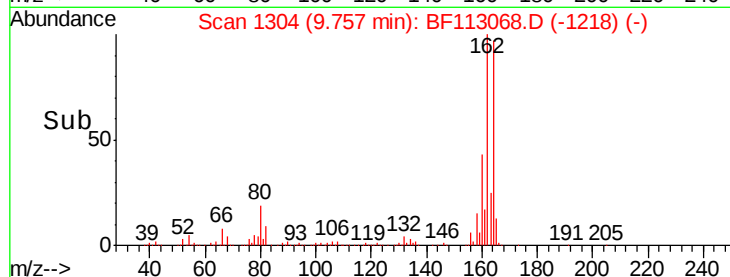
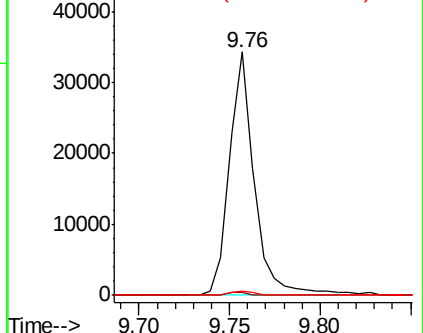
89 1.8 52.8 79.2#



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



#57

2,4-Dinitrotoluene

Concen: 7.089 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.20 min

Lab File: BF113068.D

Acq: 15 Mar 2019 16:21

Tgt Ion:165 Resp: 33375

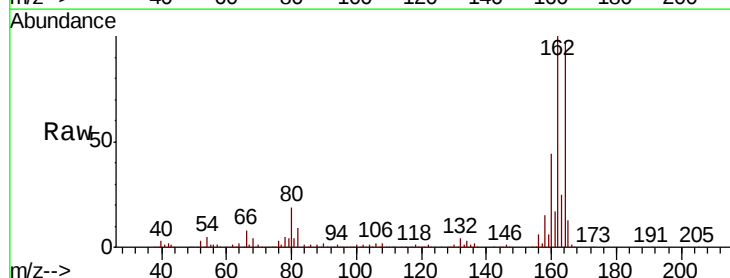
Ion Ratio Lower Upper

165 100

63 1.4 42.2 63.2#

89 1.8 66.2 99.4#

182 0.0 1.8 2.6#

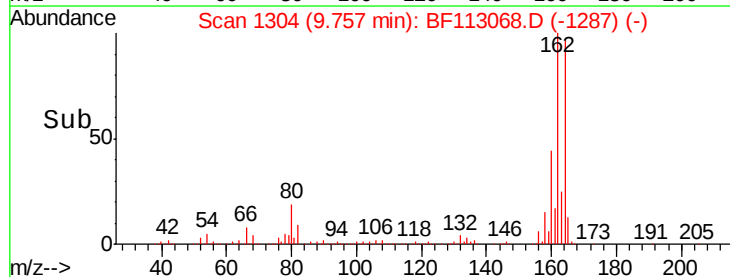
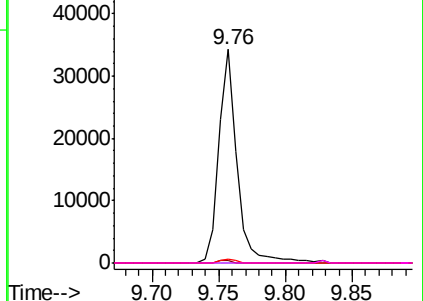


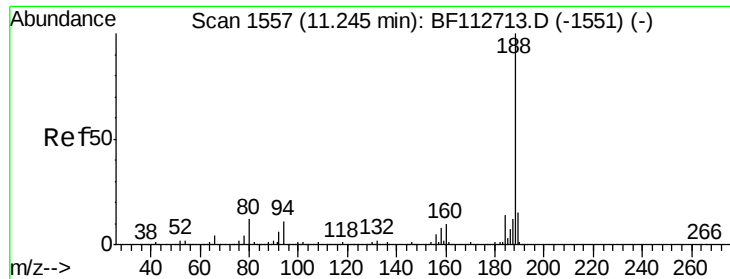
Abundance Ion 165.00 (164.70 to 165.70): E

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

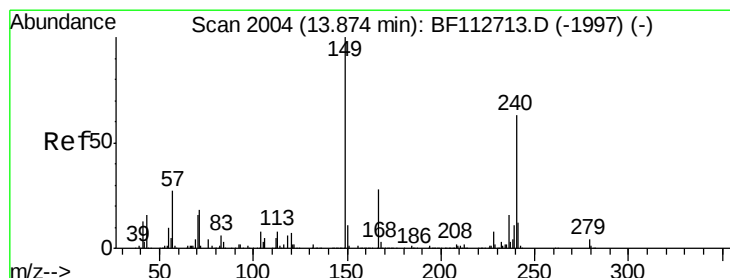
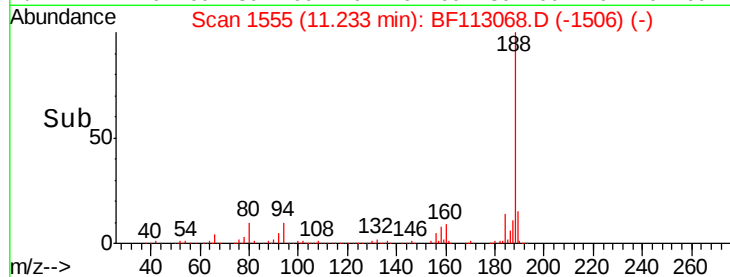
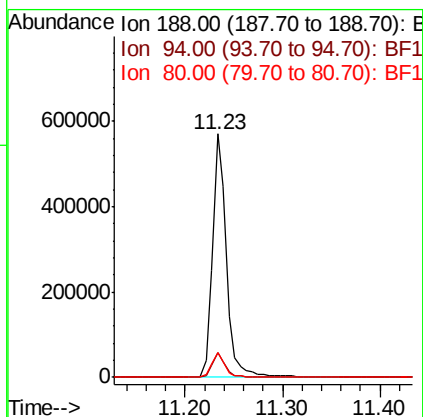
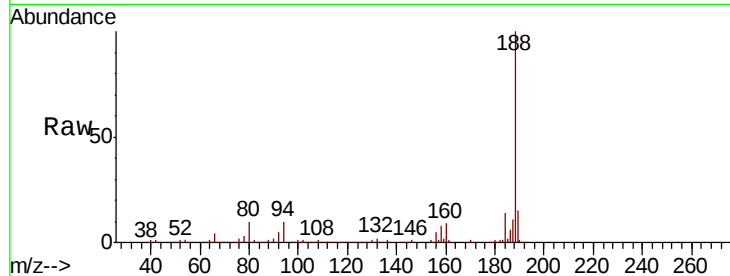




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

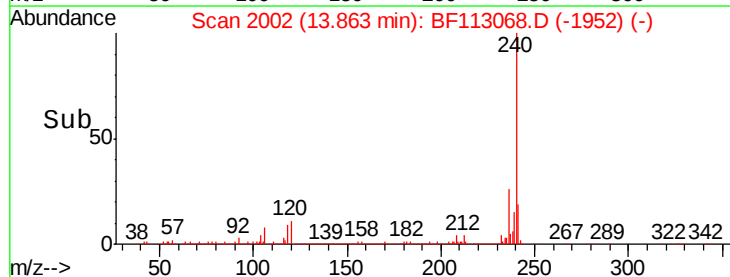
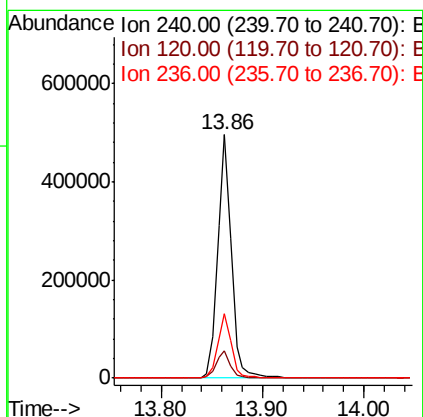
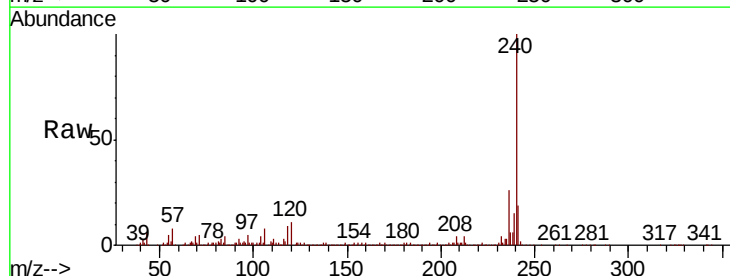
Instrument :
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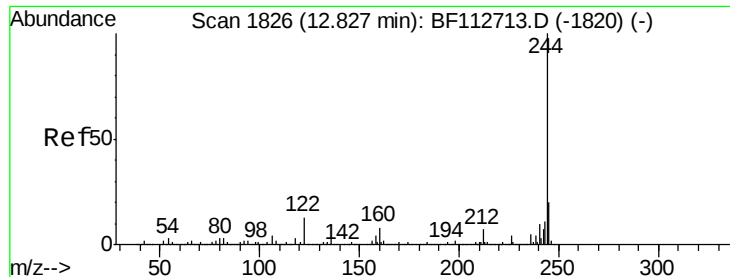
Tgt Ion:188 Resp: 564369
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion:240 Resp: 466789
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 9.189 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113068.D

Acq: 15 Mar 2019 16:21

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

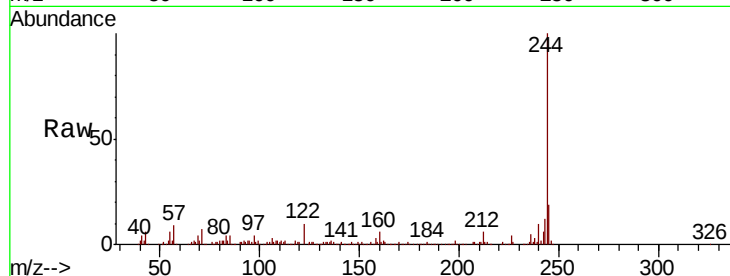
Tgt Ion:244 Resp: 221269

Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

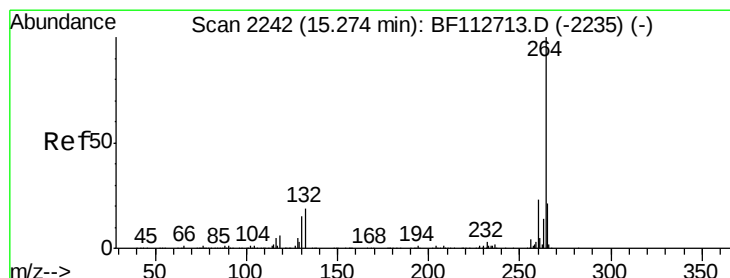
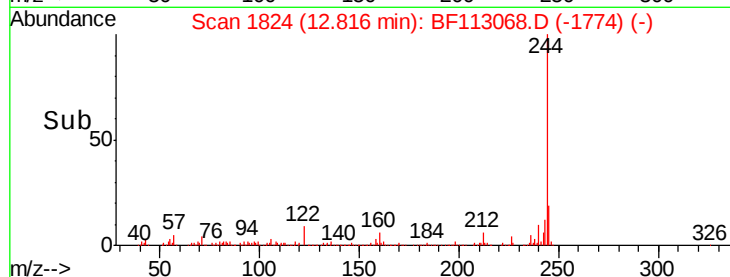
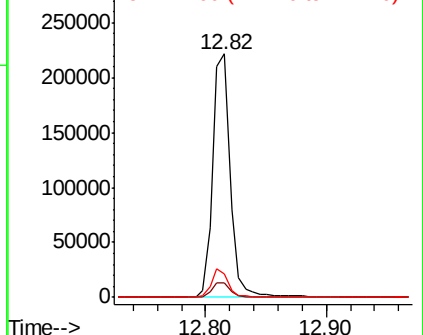
122 9.6 10.5 15.7#



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113068.D

Acq: 15 Mar 2019 16:21

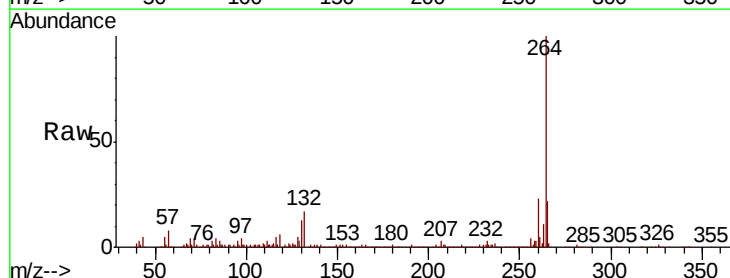
Tgt Ion:264 Resp: 457963

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.8 17.2 25.8



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

