

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111670.D
 Acq On : 21 Dec 2018 6:13
 Operator : JU/SJ
 Sample : J6493-03 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 21 07:55:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

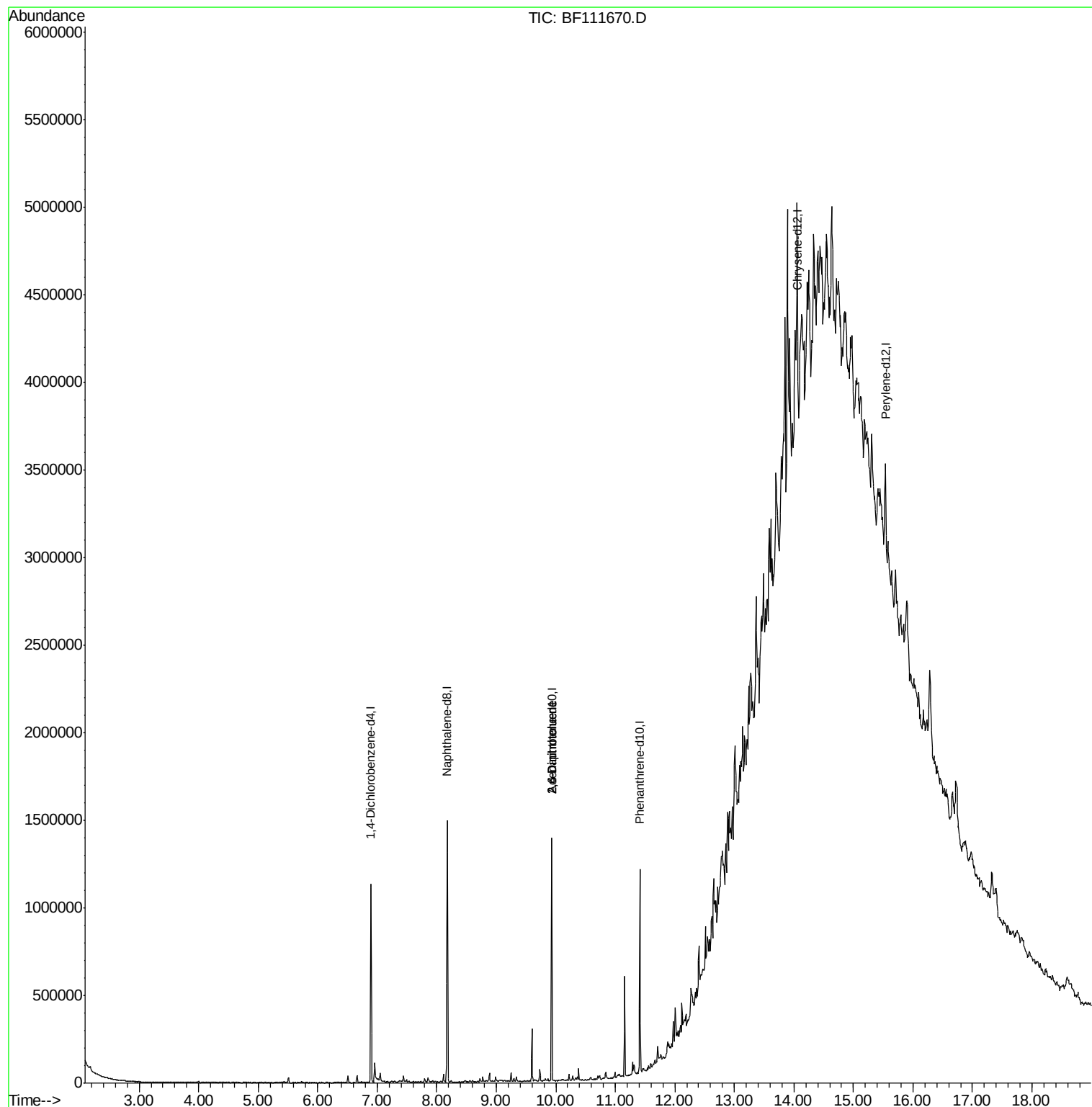
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172821	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	639020	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	279763	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	438104	20.00	ng	0.00
76) Chrysene-d12	14.05	240	371558	20.00	ng	0.00
87) Perylene-d12	15.54	264	286947	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	6867	0.68	ng	0.00
7) Phenol-d6	6.51	99	10581	0.82	ng	-0.01
23) Nitrobenzene-d5	7.45	82	6199	0.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	2457	0.74	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	15281	0.80	ng	0.00
79) Terphenyl-d14	12.99	244	14762	0.75	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.93	165	36664	8.988	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	36664	7.478	ng	# 24

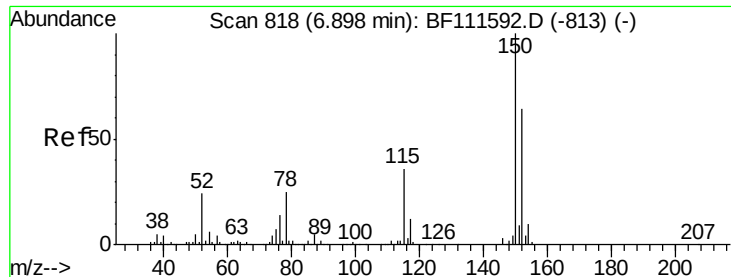
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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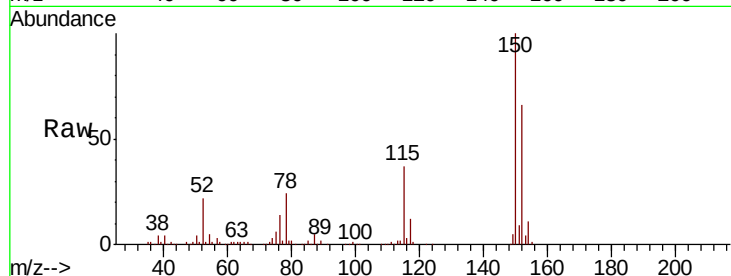


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111670.D
Acq: 21 Dec 2018 6:13

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	56.4	50.7	76.1

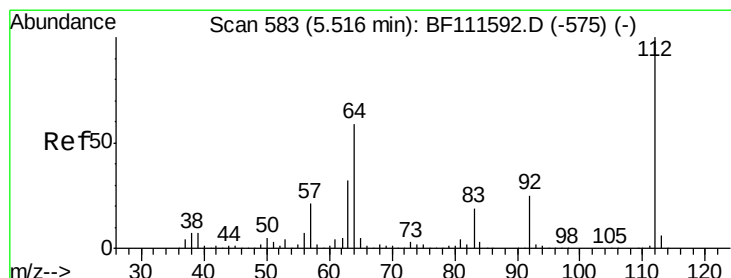
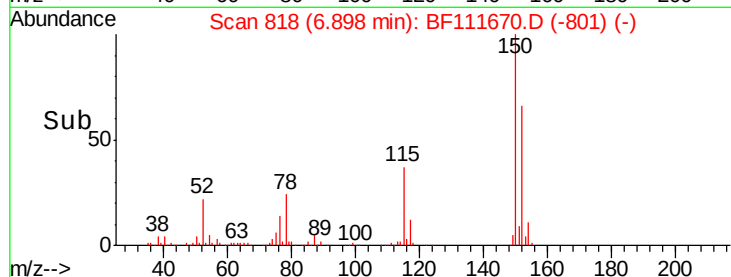
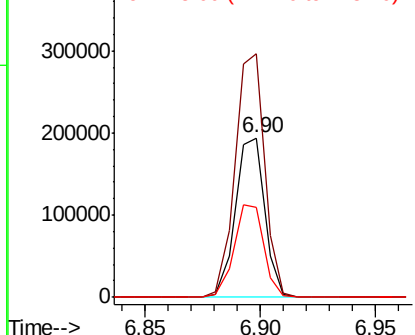


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

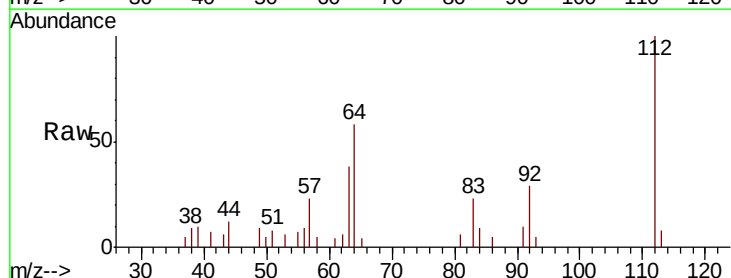
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.677 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111670.D
Acq: 21 Dec 2018 6:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	51.8	77.6
63	37.9	26.8	40.2

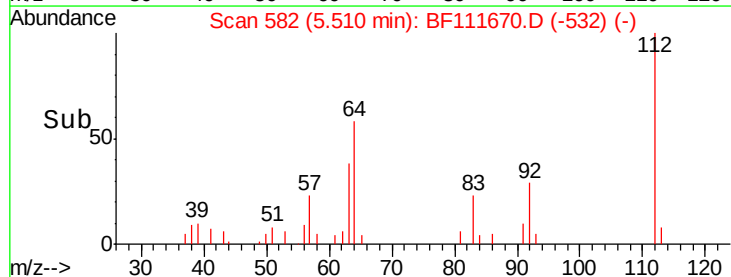
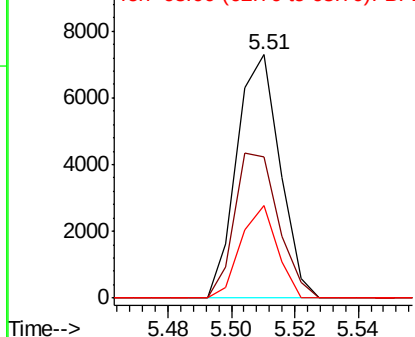


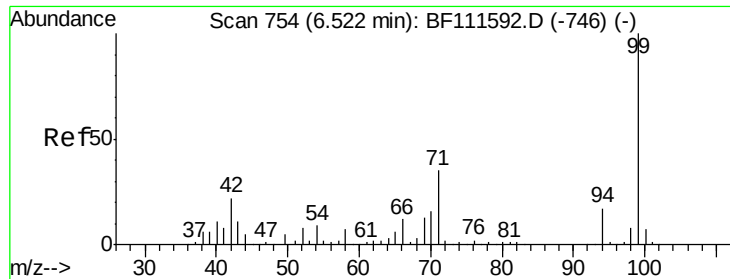
Abundance

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: 0.820 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111670.D

Acq: 21 Dec 2018 6:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

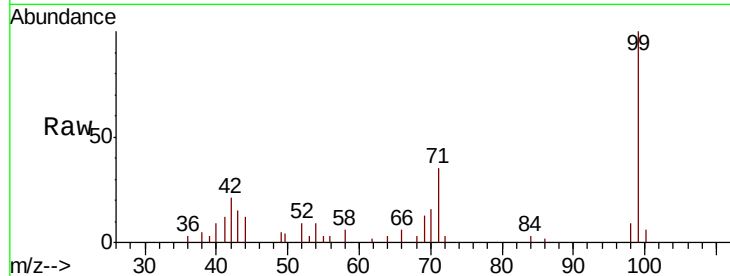
Tgt Ion: 99 Resp: 10581

Ion Ratio Lower Upper

99 100

42 21.1 17.4 26.0

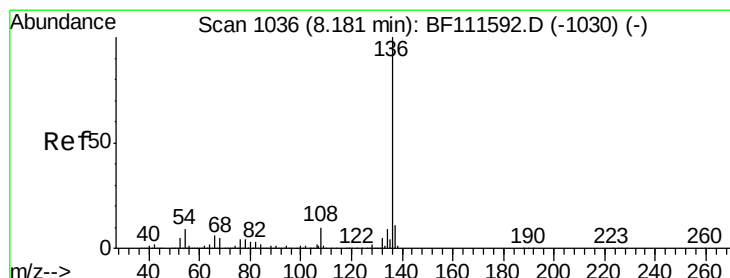
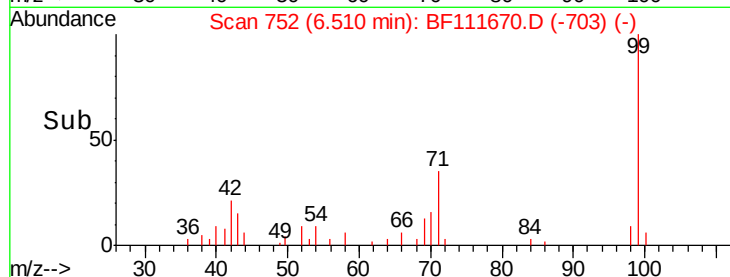
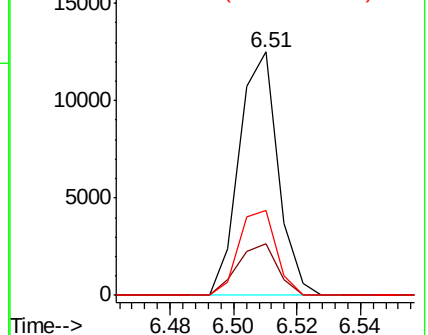
71 34.8 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111670.D

Acq: 21 Dec 2018 6:13

Tgt Ion: 136 Resp: 639020

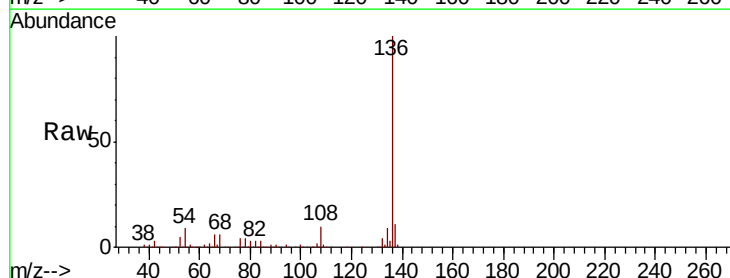
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.5 7.7 11.5

68 5.7 4.9 7.3

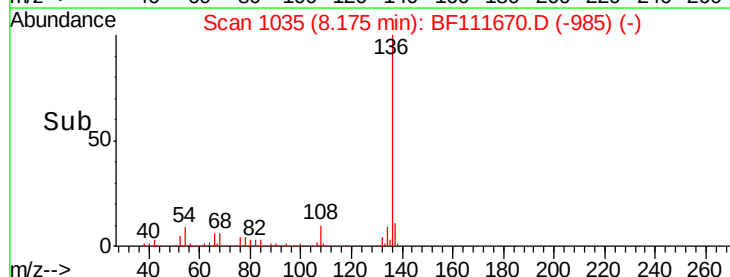
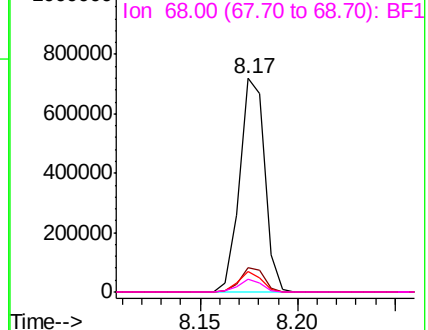


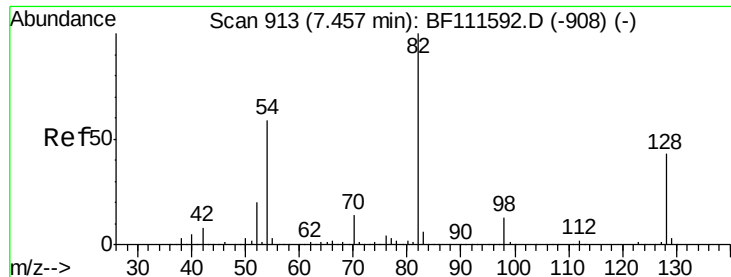
Abundance Ion 136.00 (135.70 to 136.70): E

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

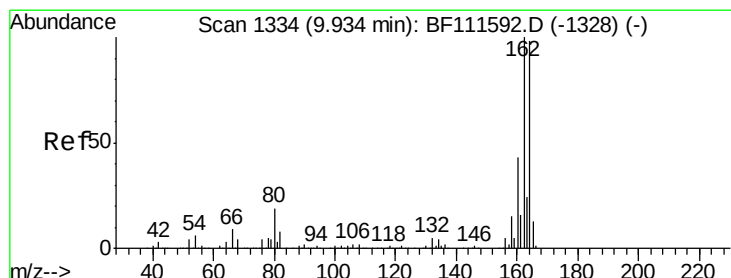
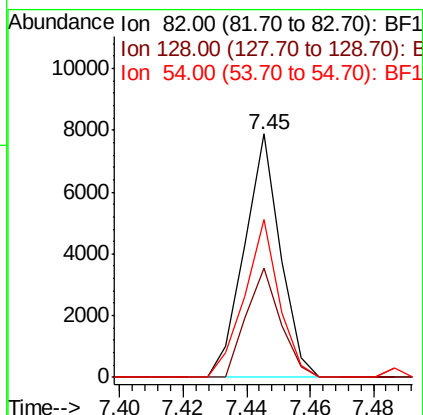
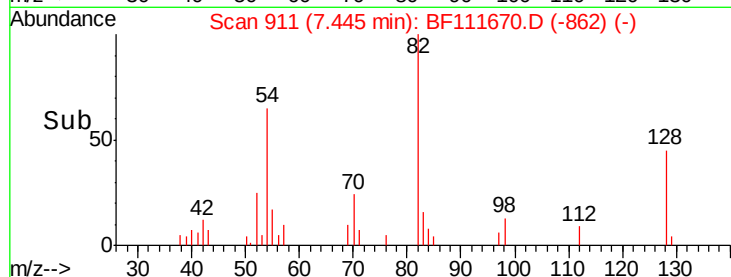
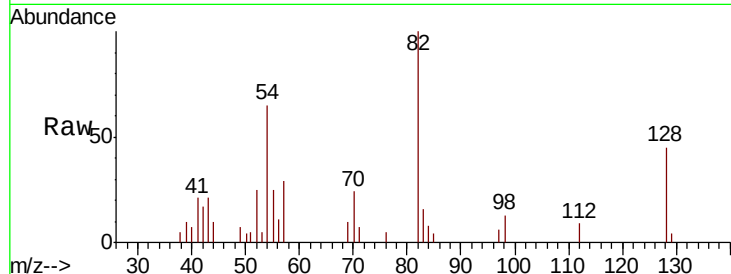




#23
Nitrobenzene-d5
Concen: 0.565 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111670.D
Acq: 21 Dec 2018 6:13

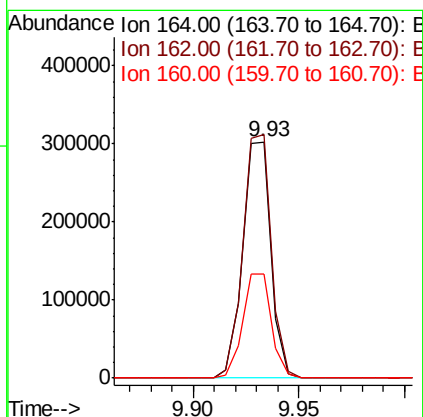
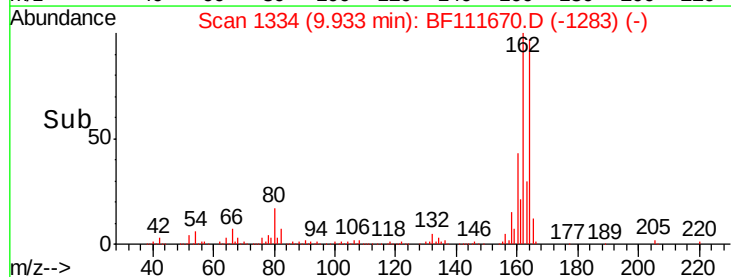
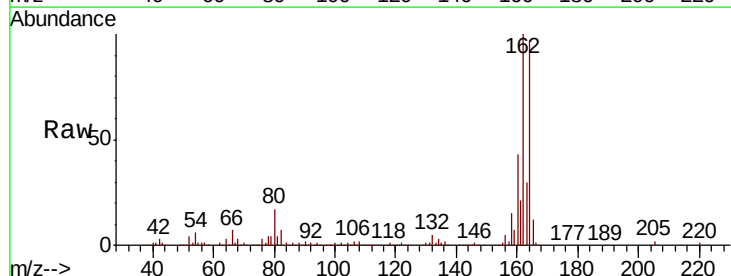
Instrument :
BNA_F
ClientSampleId :
DFTPP

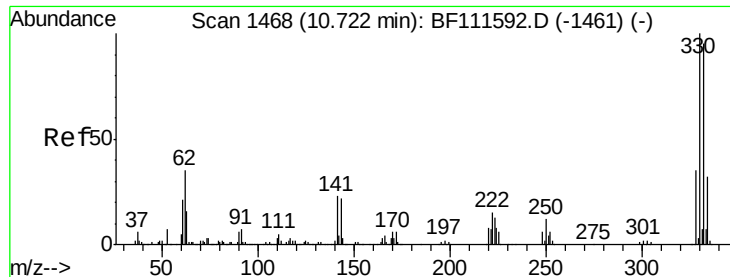
Tgt Ion: 82 Resp: 6199
Ion Ratio Lower Upper
82 100
128 44.6 37.4 56.2
54 65.0 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111670.D
Acq: 21 Dec 2018 6:13

Tgt Ion: 164 Resp: 279763
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 44.3 35.7 53.5

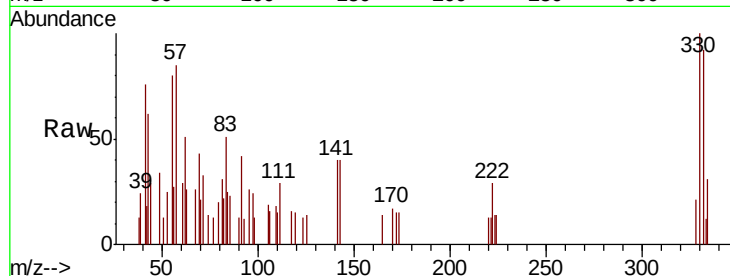




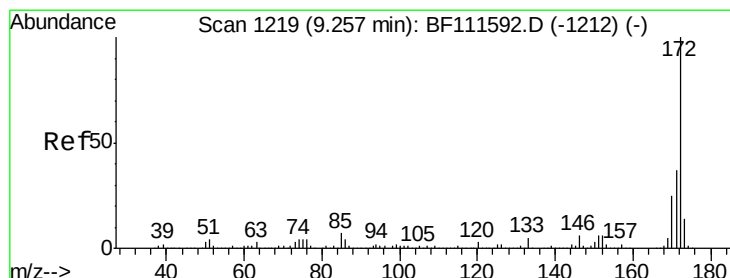
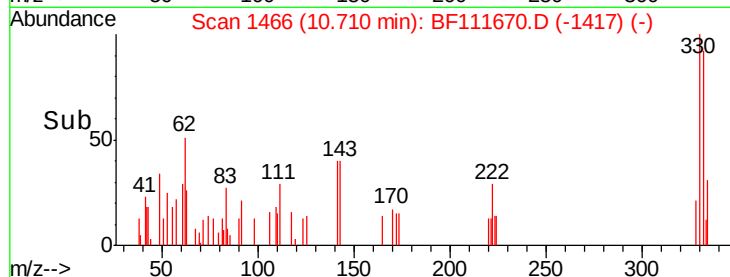
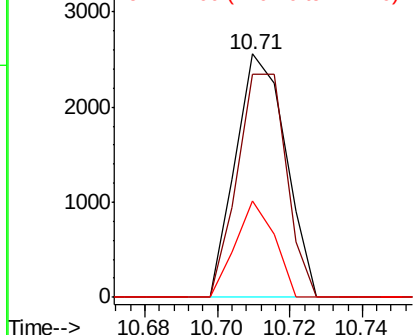
#42
 2,4,6-Tribromophenol
 Concen: 0.743 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111670.D
 Acq: 21 Dec 2018 6:13

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 330 Resp: 2457
 Ion Ratio Lower Upper
 330 100
 332 89.3 76.0 114.0
 141 30.9 31.0 46.6#

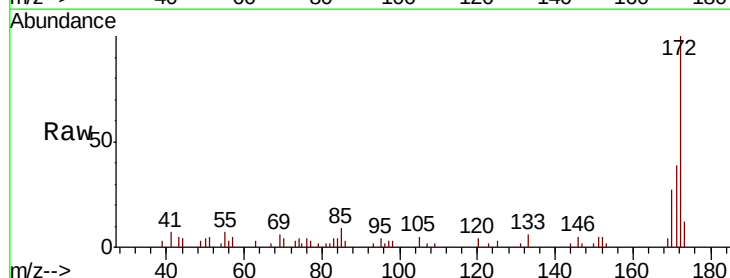


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

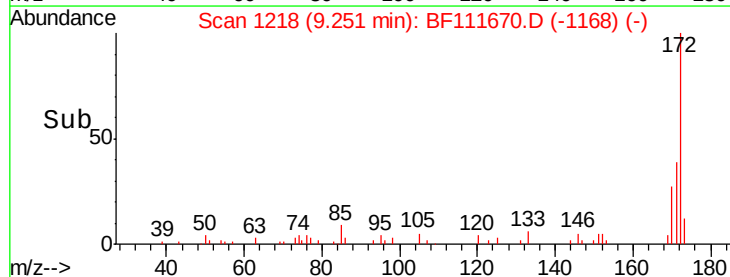
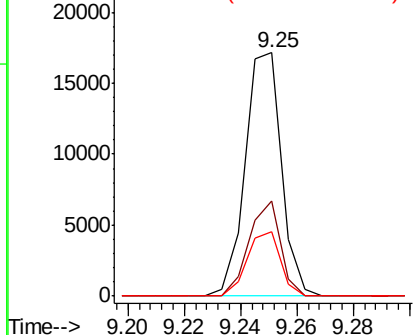


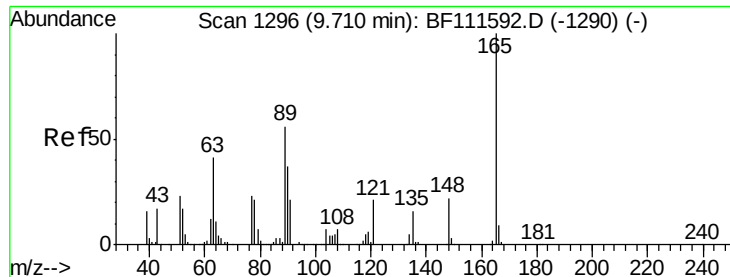
#45
 2-Fluorobiphenyl
 Concen: 0.796 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111670.D
 Acq: 21 Dec 2018 6:13

Tgt Ion: 172 Resp: 15281
 Ion Ratio Lower Upper
 172 100
 171 39.1 33.0 49.4
 170 26.5 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

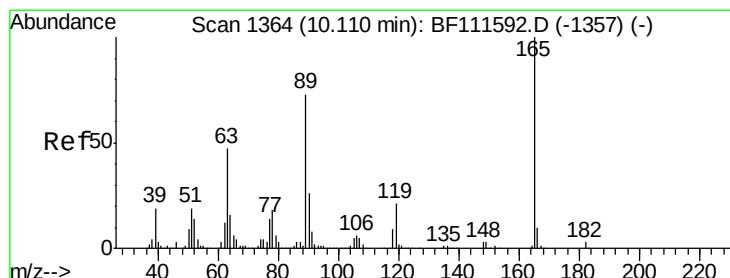
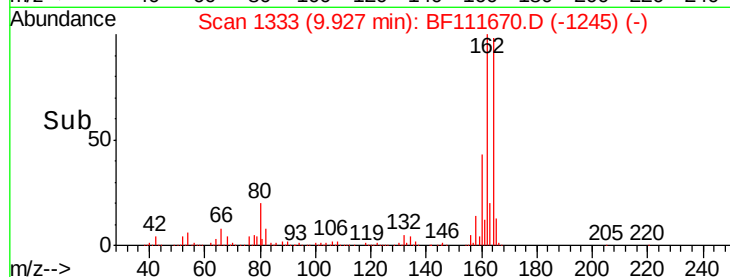
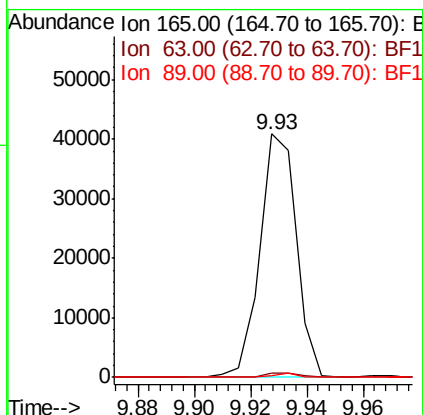
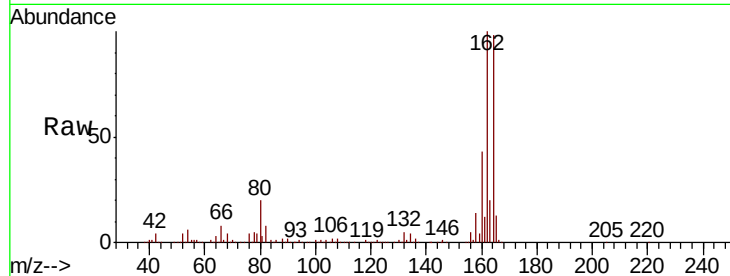




#51
 2,6-Dinitrotoluene
 Concen: 8.988 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111670.D
 Acq: 21 Dec 2018 6:13

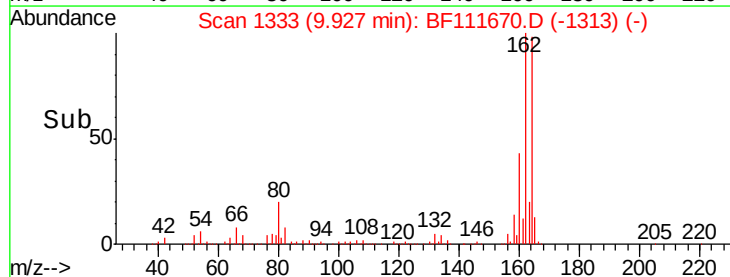
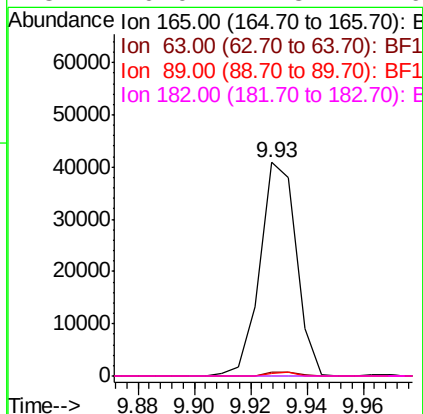
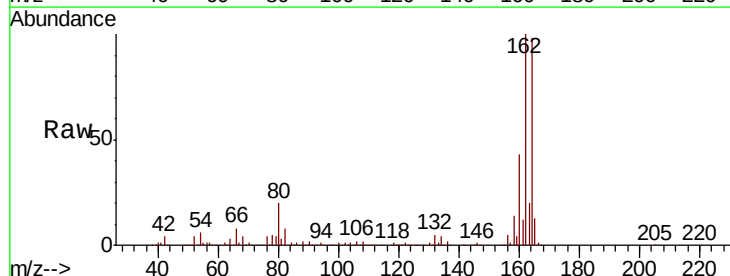
Instrument :
 BNA_F
 ClientSampleID :
 DFTPP

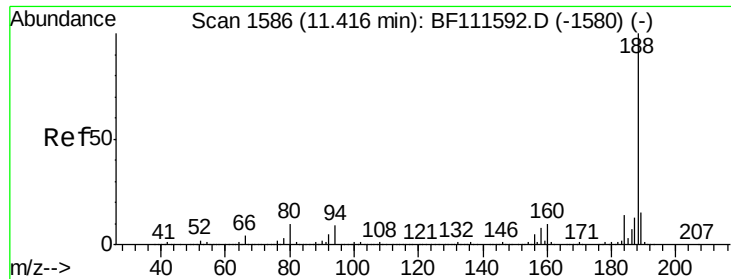
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.5	60.7#
89	0.9	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 7.478 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.18 min
 Lab File: BF111670.D
 Acq: 21 Dec 2018 6:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	0.9	56.2	84.4#
182	0.0	1.8	2.6#

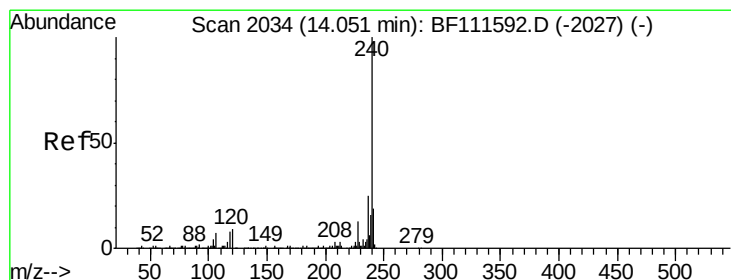
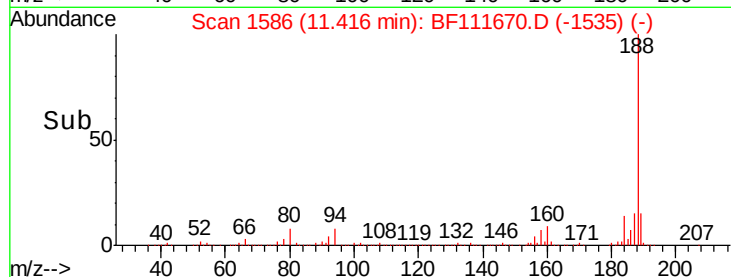
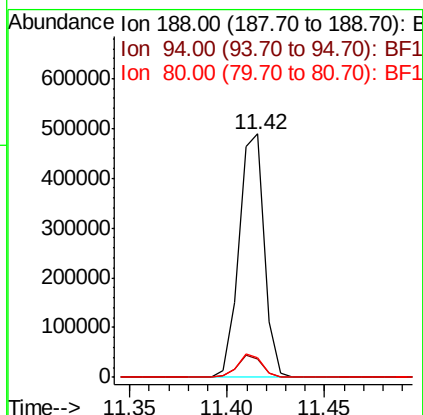
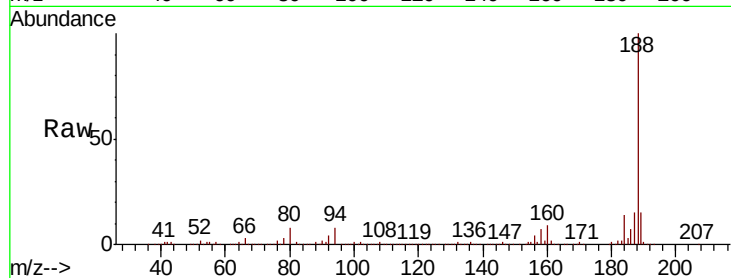




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111670.D
Acq: 21 Dec 2018 6:13

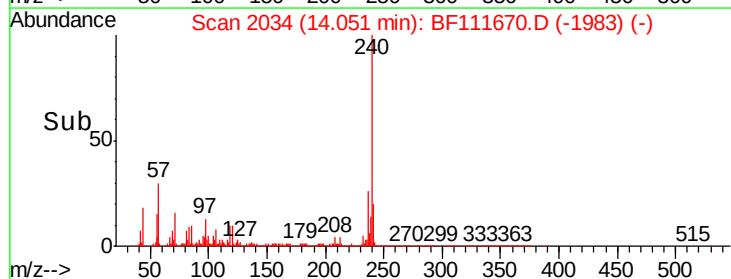
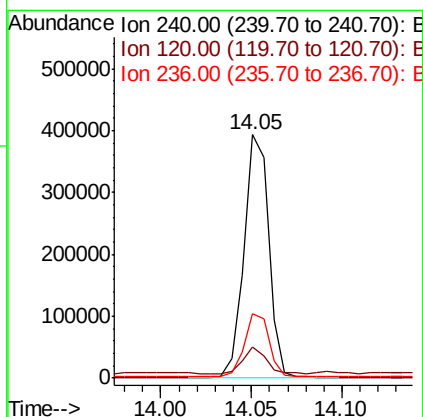
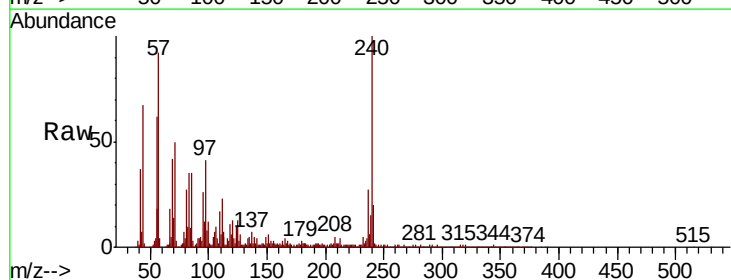
Instrument :
BNA_F
ClientSampleId :
DFTPP

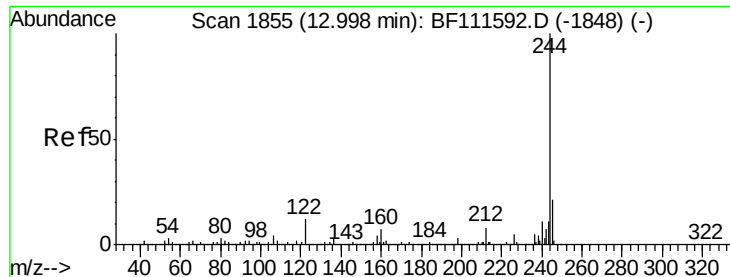
Tgt Ion:188 Resp: 438104
Ion Ratio Lower Upper
188 100
94 7.7 9.6 14.4#
80 8.2 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111670.D
Acq: 21 Dec 2018 6:13

Tgt Ion:240 Resp: 371558
Ion Ratio Lower Upper
240 100
120 12.8 12.2 18.2
236 26.6 20.2 30.2





#79

Terphenyl-d14

Concen: 0.753 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111670.D

Acq: 21 Dec 2018 6:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

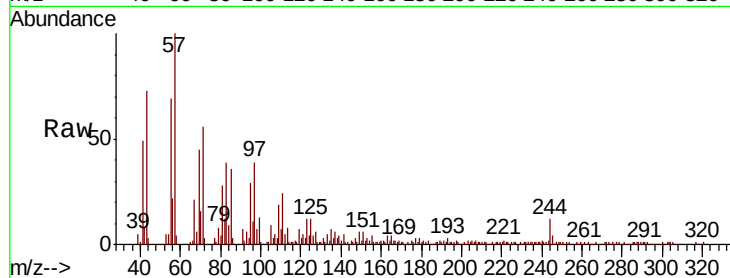
Tgt Ion:244 Resp: 14762

Ion Ratio Lower Upper

244 100

212 10.6 5.7 8.5#

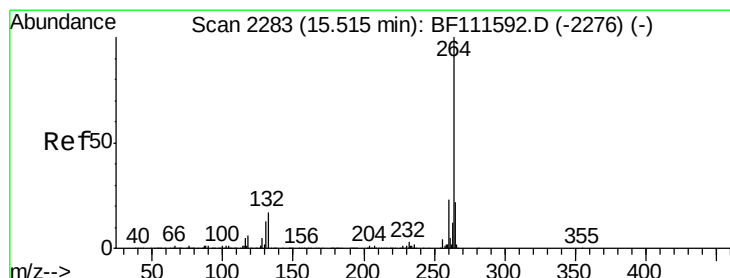
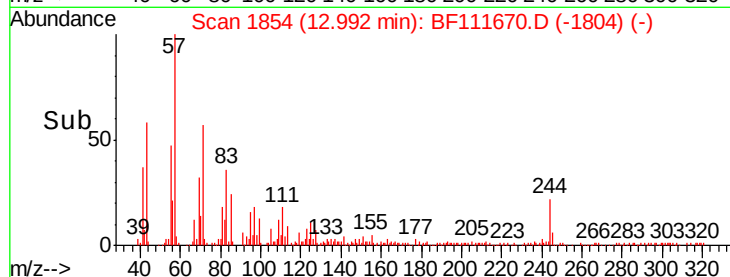
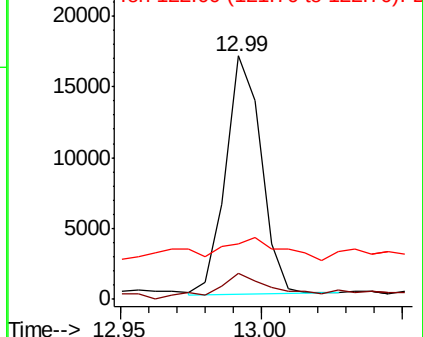
122 22.8 13.1 19.7#



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: 15.54 min Scan# 2287

Delta R.T. 0.02 min

Lab File: BF111670.D

Acq: 21 Dec 2018 6:13

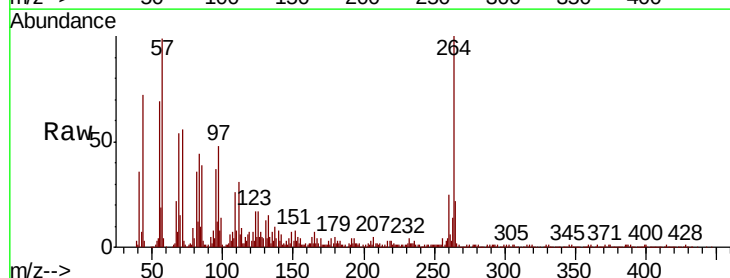
Tgt Ion:264 Resp: 286947

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 22.2 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

