

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104533.D
 Acq On : 16 Apr 2018 14:45
 Operator : JU/SJ
 Sample : J2362-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-D03-D03A-E03-E03A

Quant Time: Apr 16 16:02:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

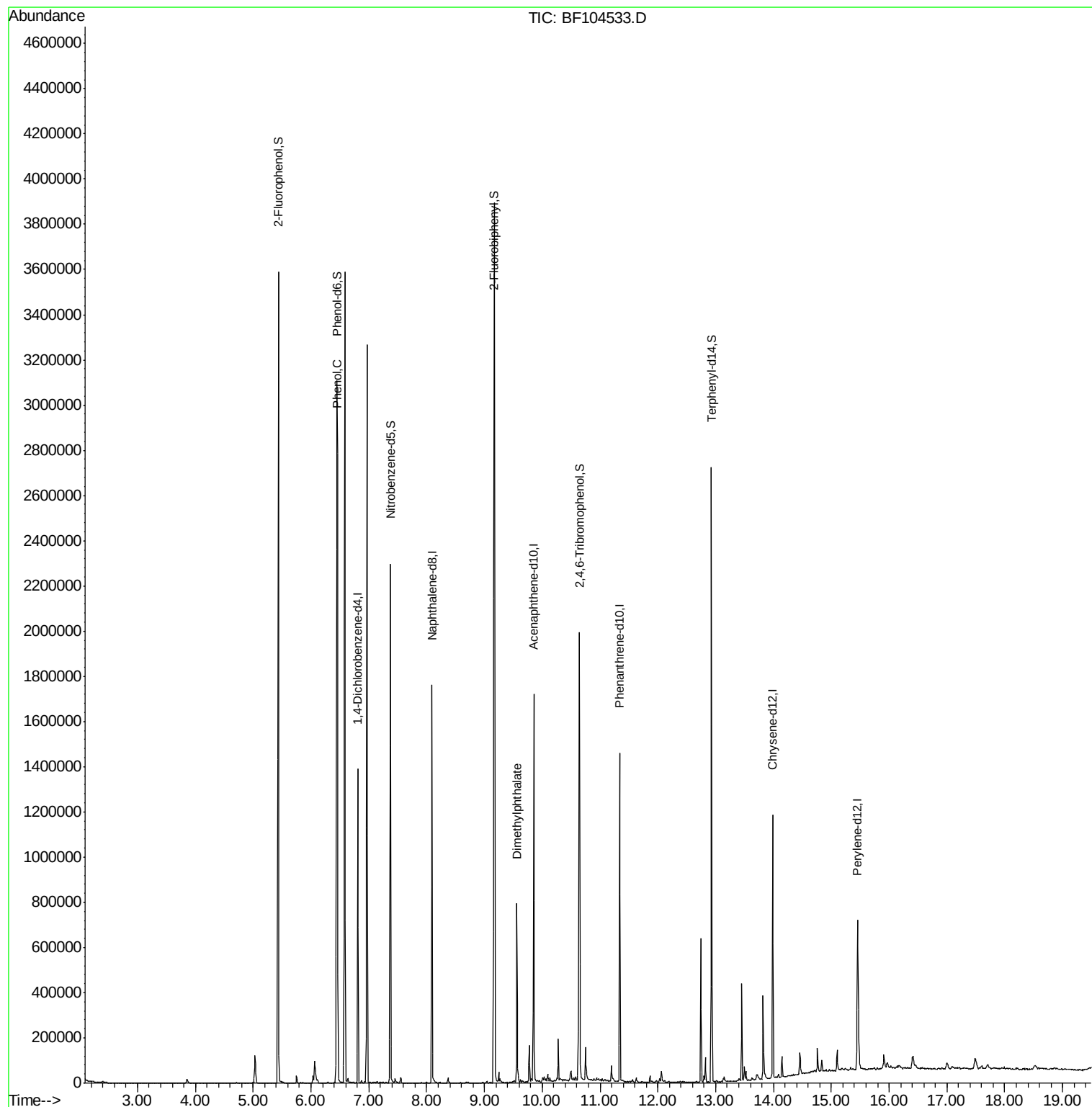
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	182304	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	731583	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	315544	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	480537	20.00	ng	0.00
75) Chrysene-d12	13.99	240	354384	20.00	ng	0.00
86) Perylene-d12	15.46	264	299668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1130799	94.84	ng	0.01
7) Phenol-d6	6.45	99	1388502	94.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	865874	77.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	272400	83.22	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1339107	67.04	ng	0.00
78) Terphenyl-d14	12.93	244	969438	62.37	ng	0.00
Target Compounds						
10) Phenol	6.46	94	59990	3.860	ng	97
49) Dimethylphthalate	9.56	163	288167	11.581	ng	100

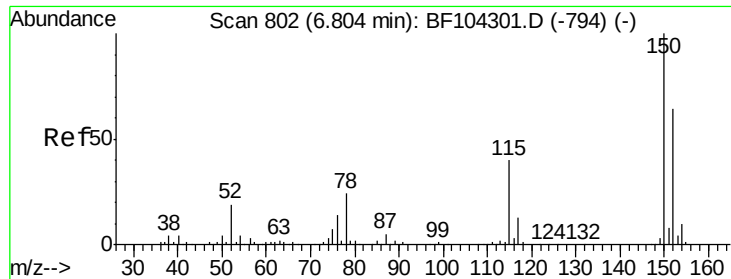
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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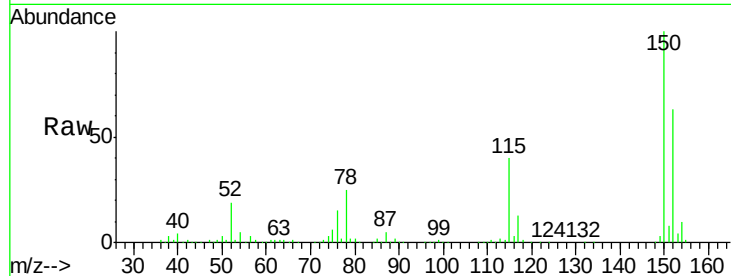


#1

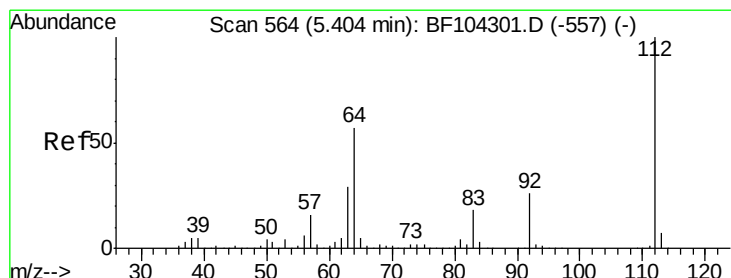
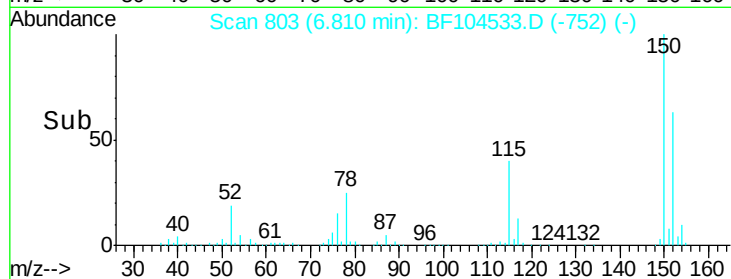
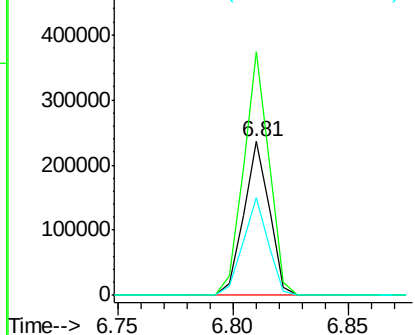
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104533.D
Acq: 16 Apr 2018 14:45

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D03-D03A-E03-E03A

Tot Ion:152 Resp: 182304
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 63.5 50.1 75.1



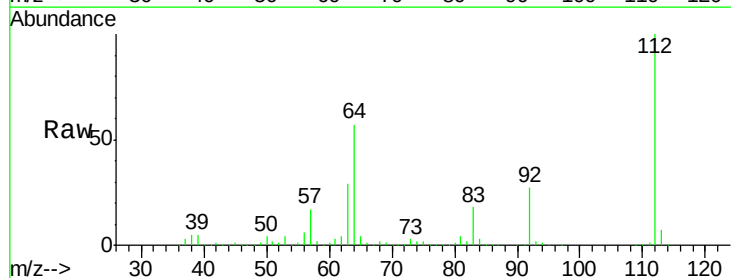
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



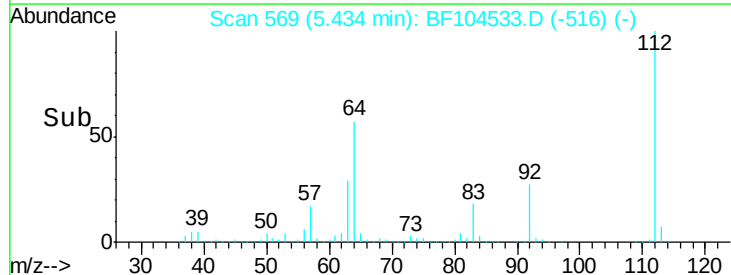
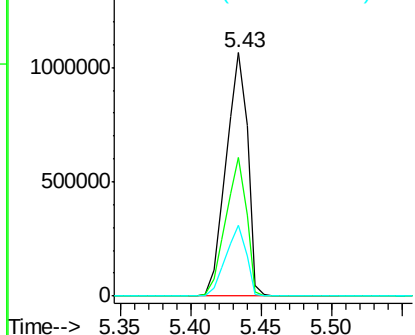
#5

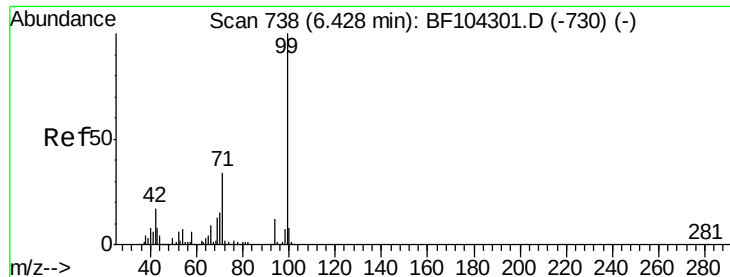
2-Fluorophenol
Concen: 94.845 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104533.D
Acq: 16 Apr 2018 14:45

Tgt Ion:112 Resp: 1130799
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.0 23.7 35.5



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: 94.784 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-D03-D03A-E03-E03A

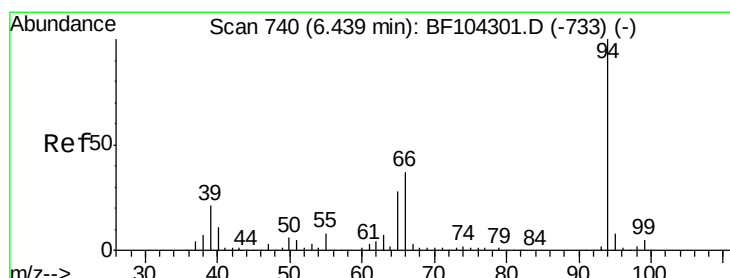
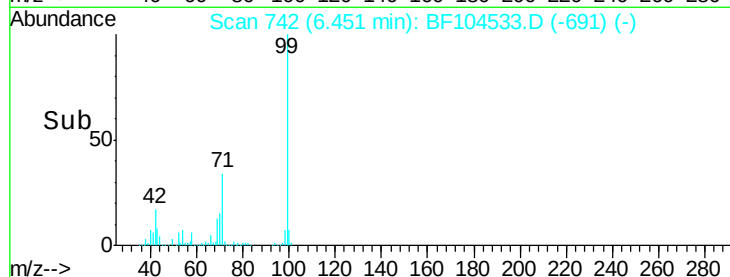
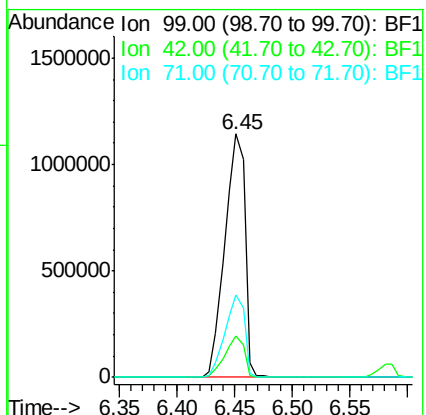
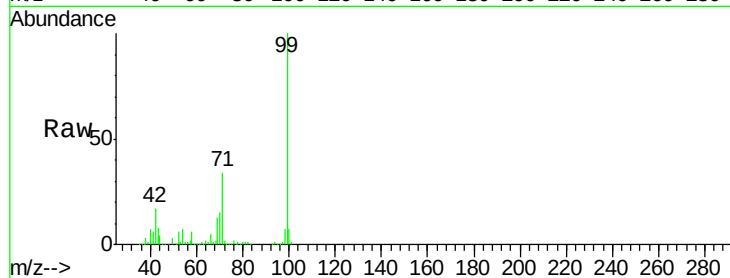
Tot Ion: 99 Resp: 1388502

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 3.860 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

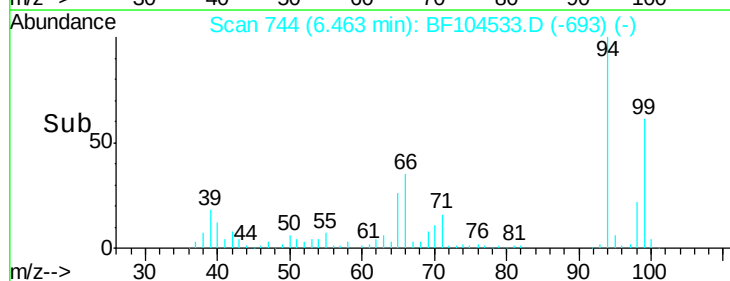
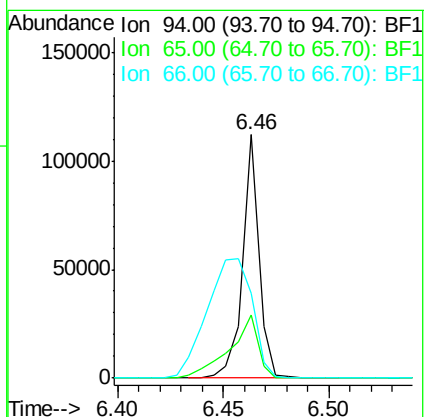
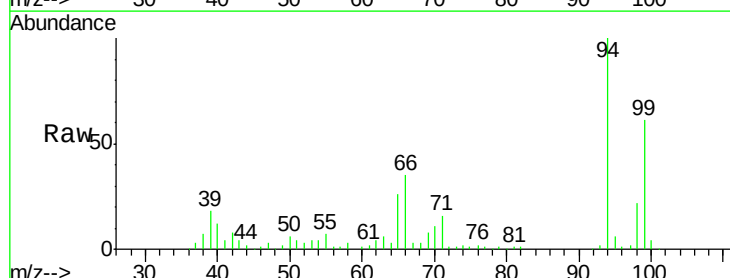
Tgt Ion: 94 Resp: 59990

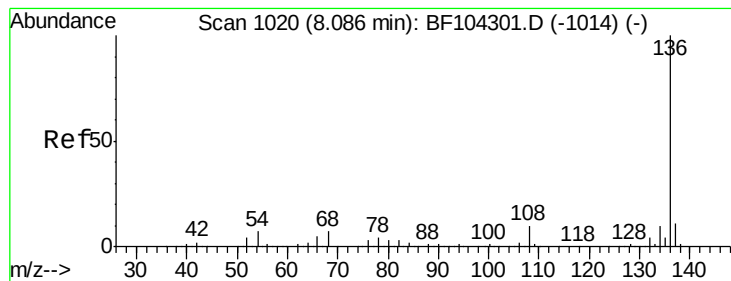
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 34.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-D03-D03A-E03-E03A

Tot Ion:136 Resp: 731583

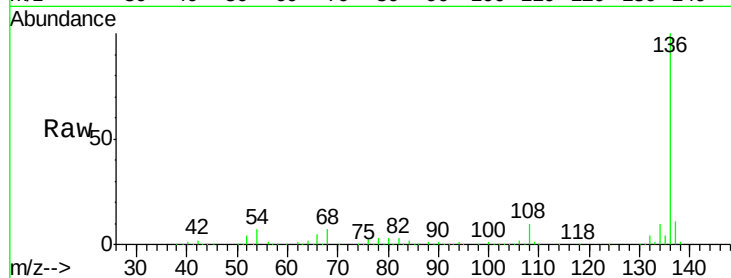
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.6 5.0 7.4

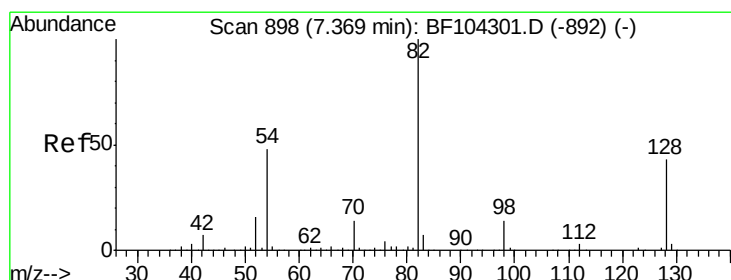
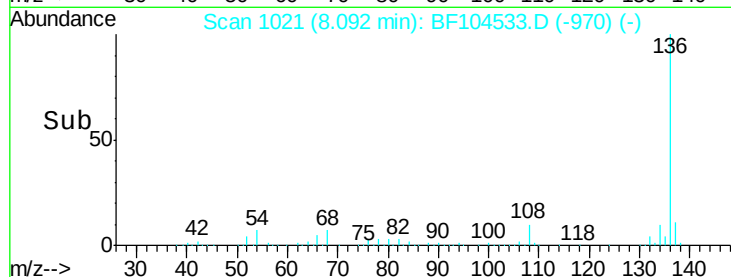
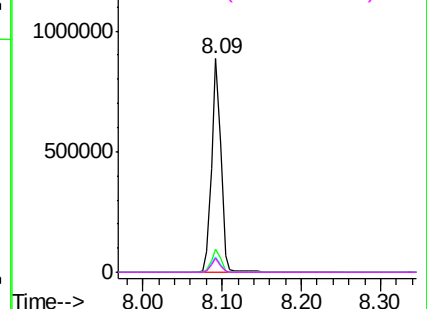


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.284 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

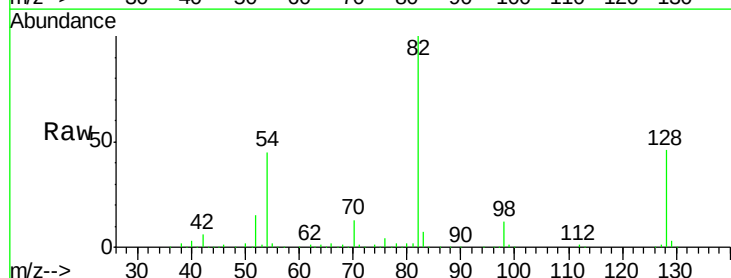
Tgt Ion: 82 Resp: 865874

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

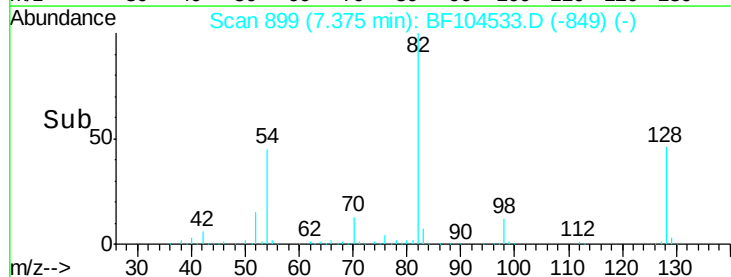
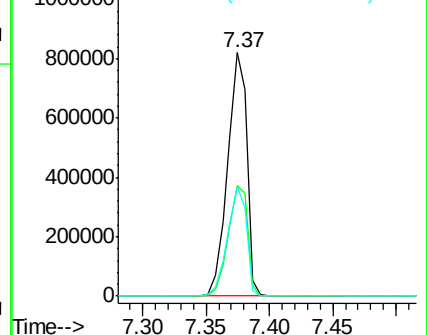
54 44.8 41.4 62.2

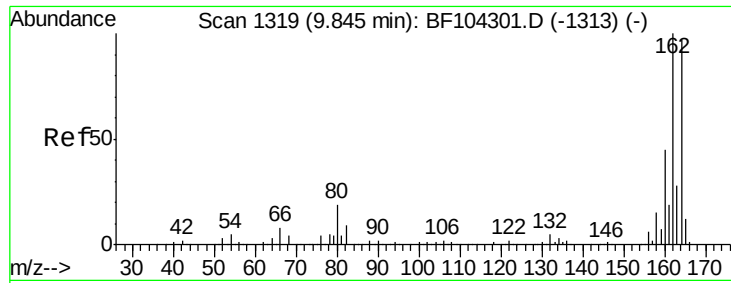


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

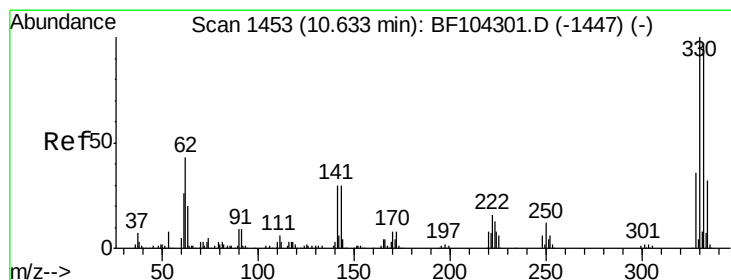
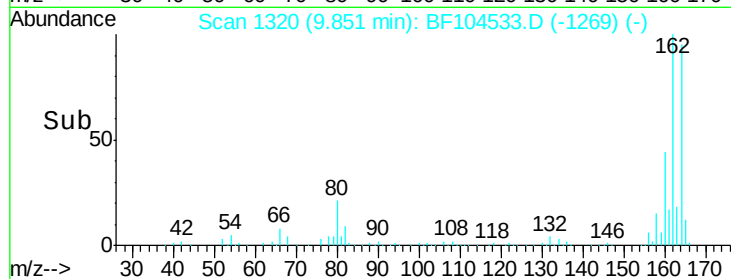
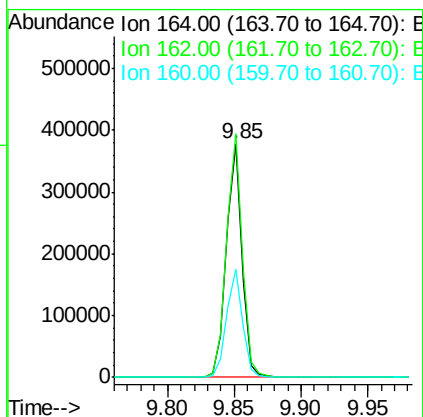
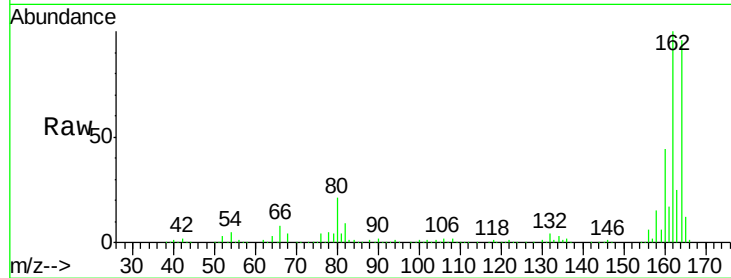




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

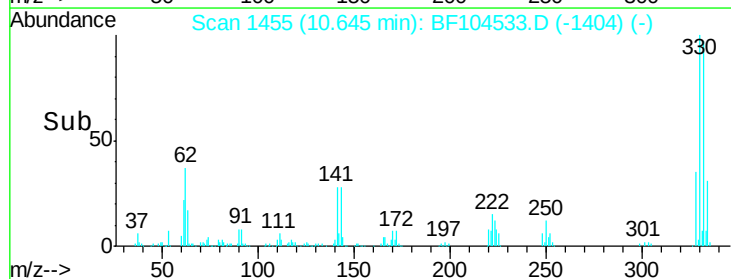
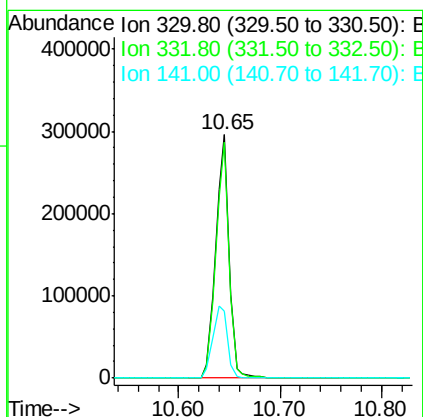
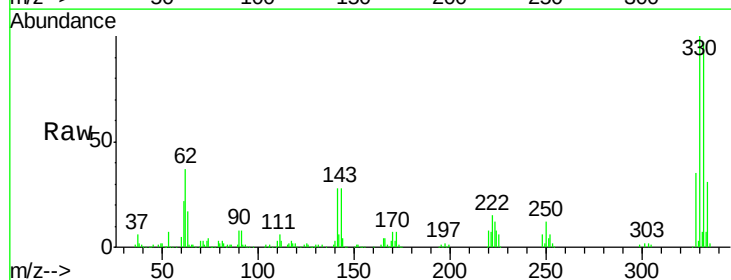
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-D03-D03A-E03-E03A

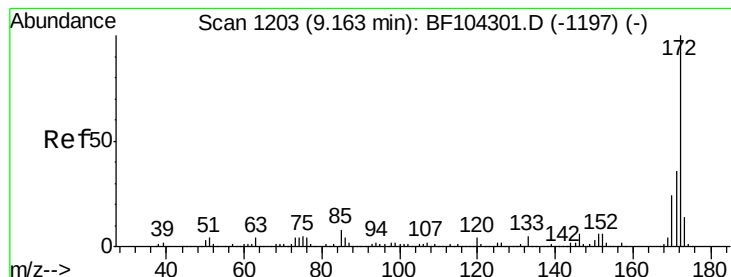
Tot Ion:164 Resp: 315544
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.221 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Tgt Ion:330 Resp: 272400
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 33.1 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 67.042 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

Instrument :

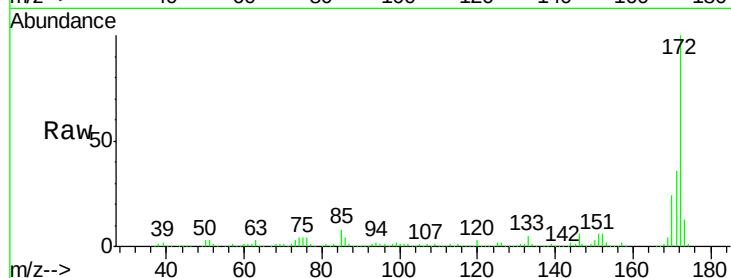
BNA_F

ClientSampleId :

FK-BPM-01-D03-D03A-E03-E03A

Tot Ion:172 Resp: 1339107

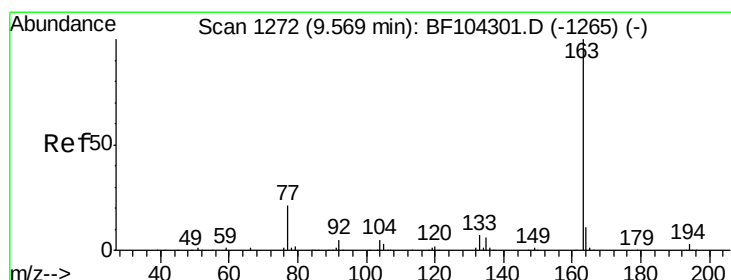
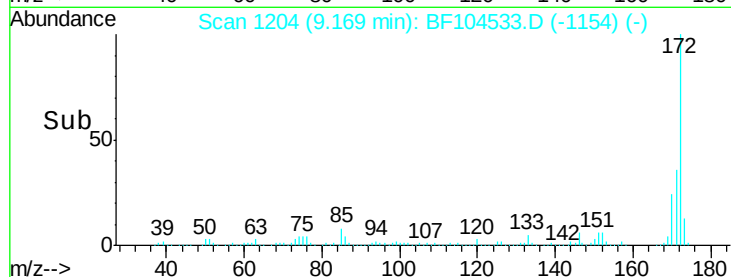
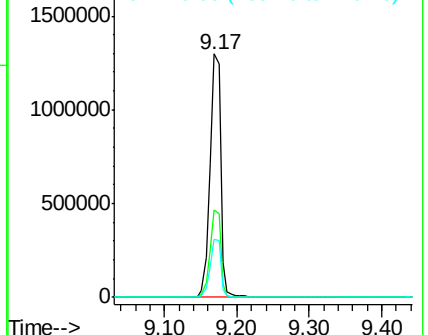
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4



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



#49

Dimethylphthalate

Concen: 11.581 ng

RT: 9.56 min Scan# 1271

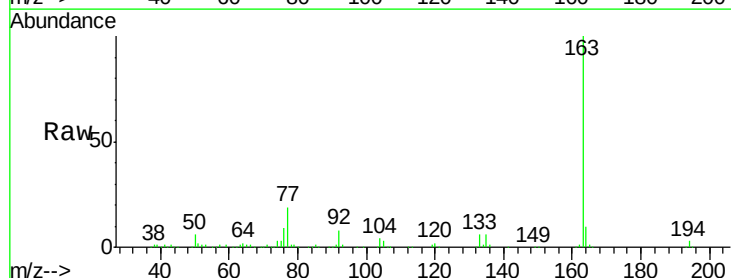
Delta R.T. -0.01 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

Tgt Ion:163 Resp: 288167

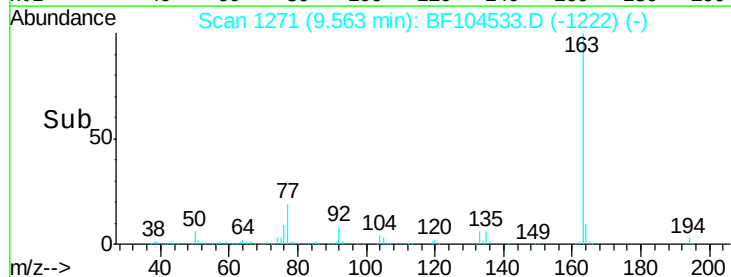
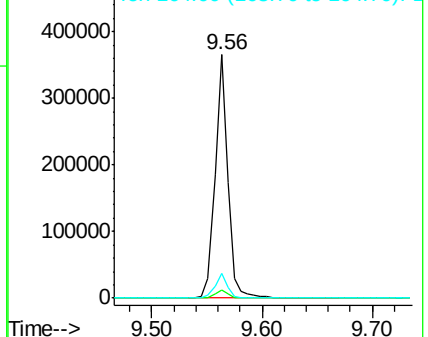
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2

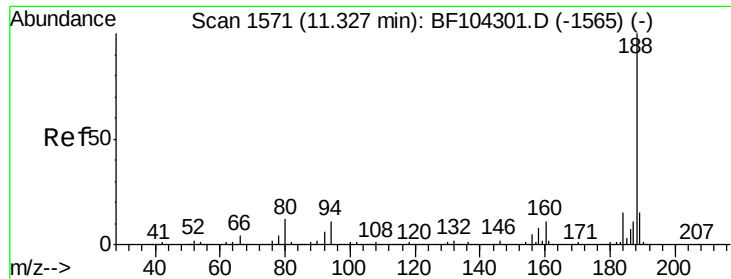


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

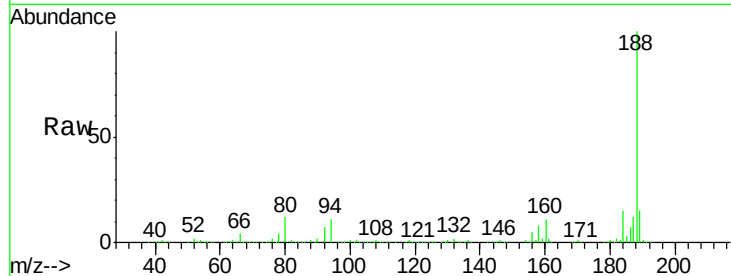




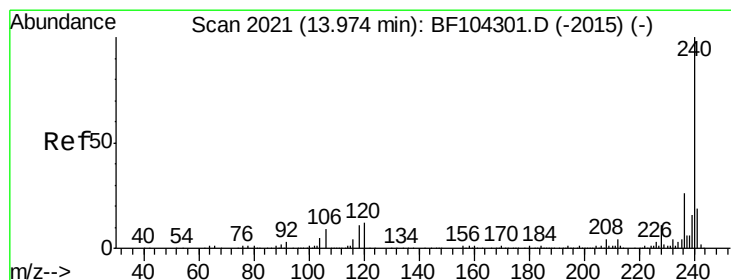
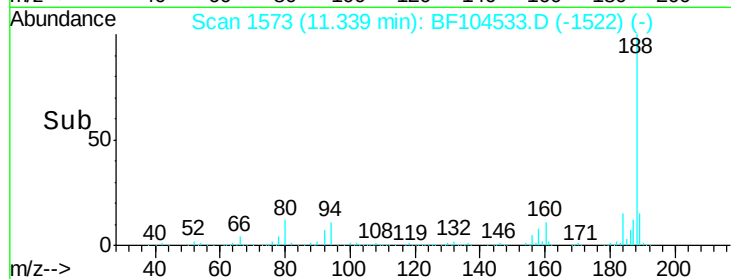
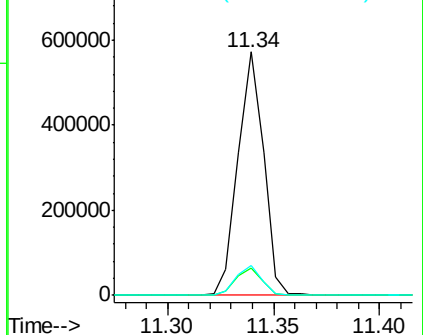
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104533.D
Acq: 16 Apr 2018 14:45

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D03-D03A-E03-E03A

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.2	9.2	13.8

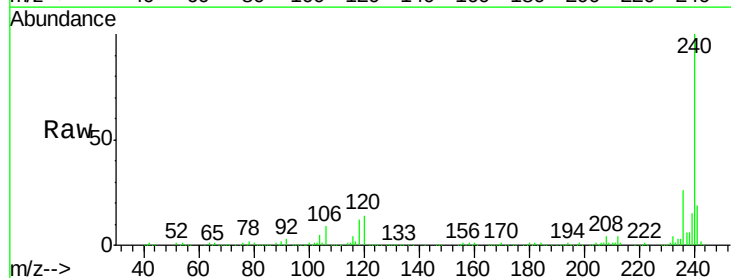


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

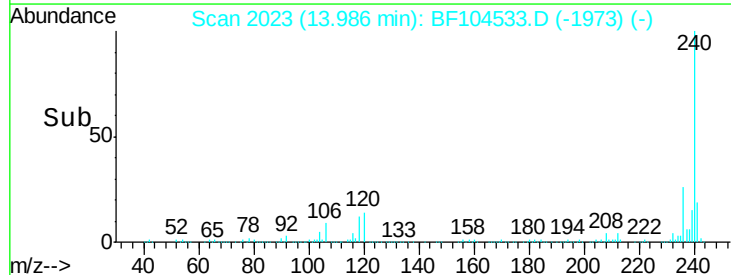
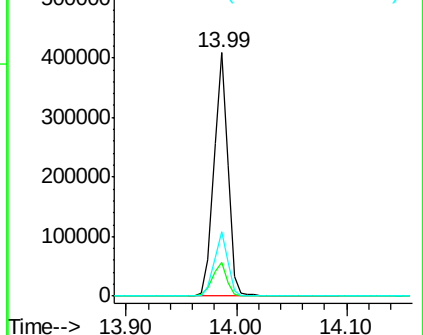


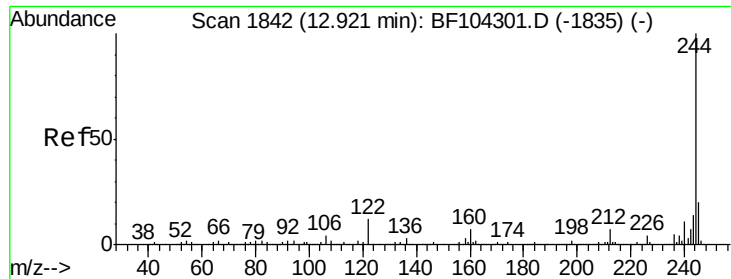
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104533.D
Acq: 16 Apr 2018 14:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.2	20.7	31.1



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





#78

Terphenyl-d14

Concen: 62.366 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-D03-D03A-E03-E03A

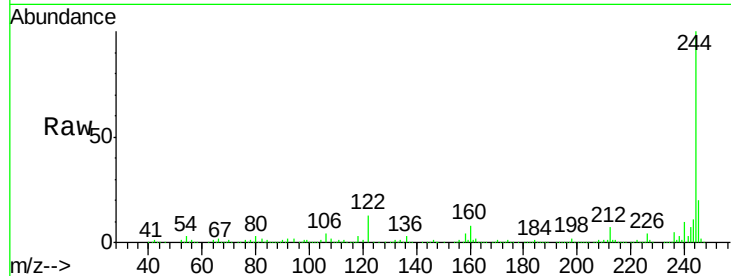
Tot Ion:244 Resp: 969438

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

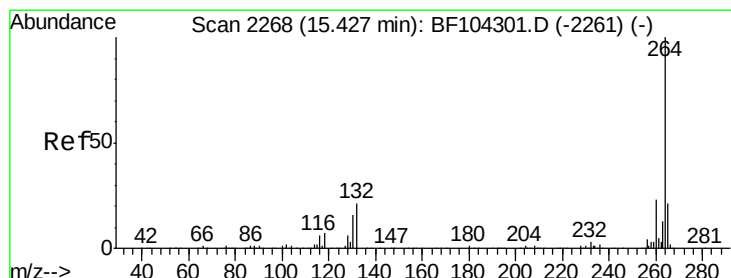
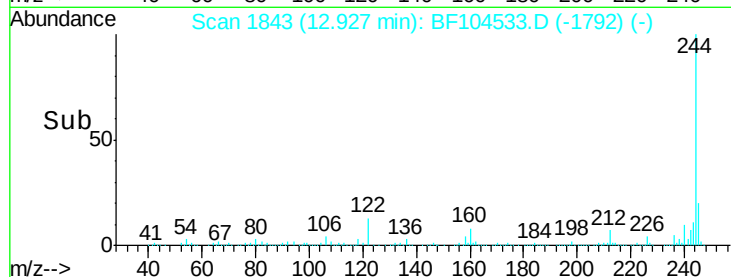
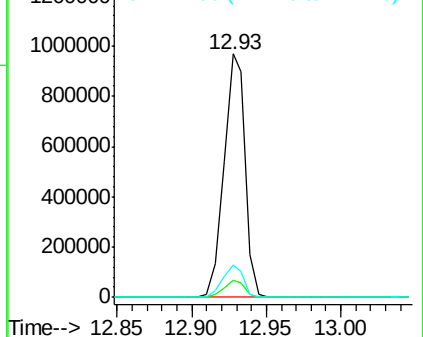
122 13.2 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

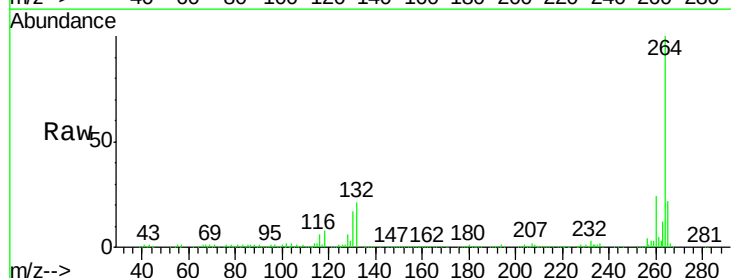
Tgt Ion:264 Resp: 299668

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 17.5 26.3



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

