

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089890.D
 Acq On : 24 Aug 2016 22:13
 Operator : UM/SJ
 Sample : H4576-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MSD

Quant Time: Aug 25 16:18:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

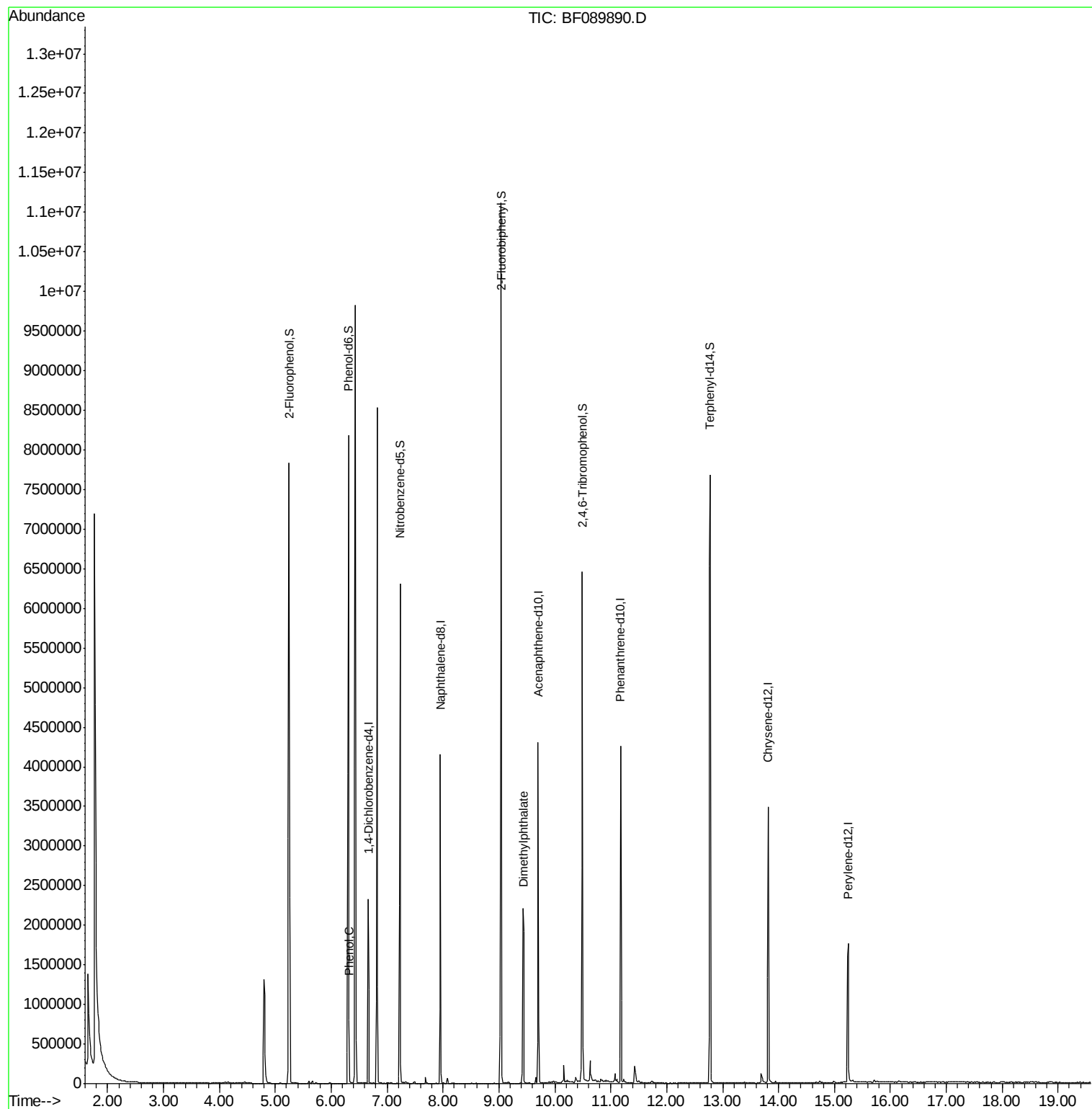
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	427595	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1852823	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	832096	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1511786	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1279788	20.00	ng	-0.06
86) Perylene-d12	15.25	264	977765	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2990252	119.93	ng	-0.01
7) Phenol-d6	6.31	99	3466636	113.26	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2189097	73.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	845426	106.91	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4027024	85.06	ng	-0.01
78) Terphenyl-d14	12.78	244	3313988	58.58	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	123157	3.43	ng	Qvalue 76
49) Dimethylphthalate	9.44	163	1426521	24.35	ng	# 98

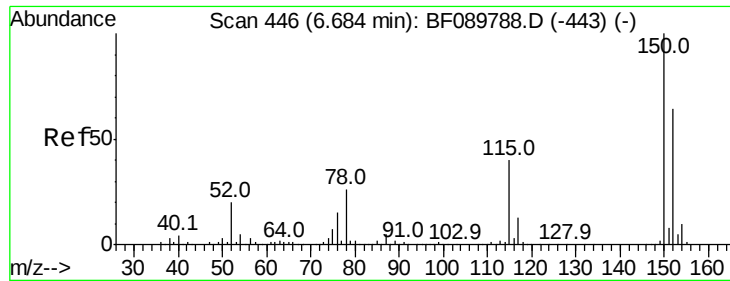
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MSD

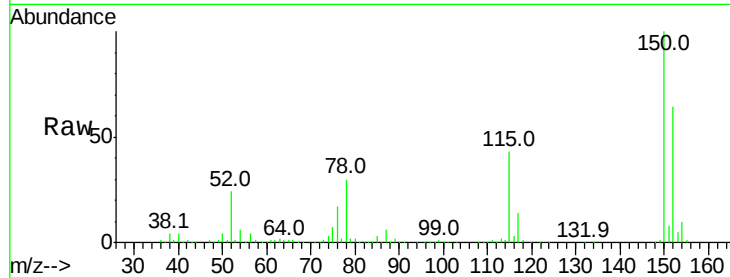
Tot Ion:152 Resp: 427595

Ion Ratio Lower Upper

152 100

150 157.0 125.3 187.9

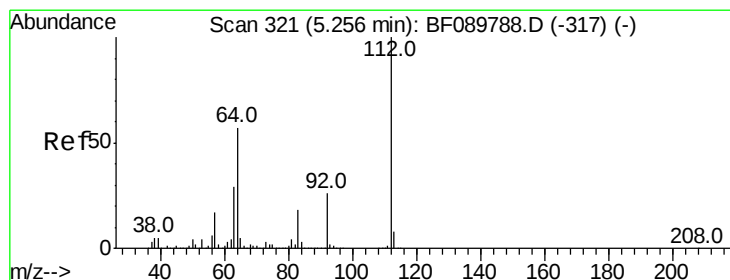
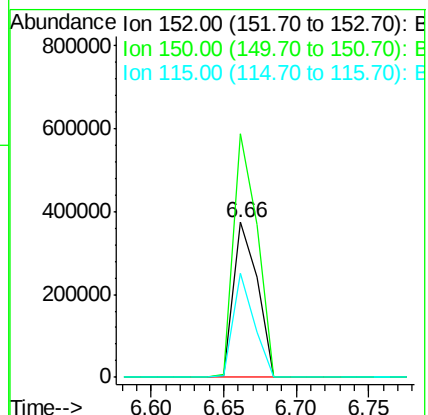
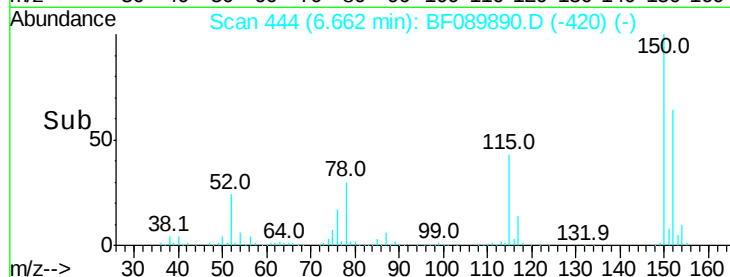
115 67.3 40.9 61.3#



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: 119.93 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

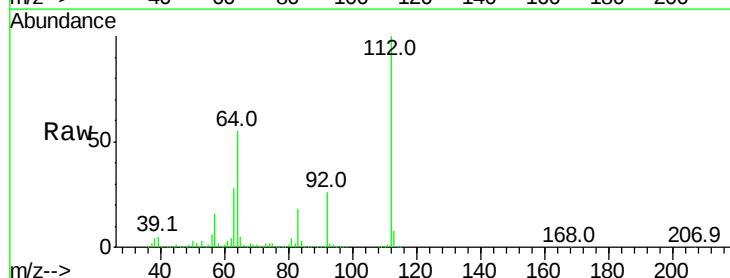
Tgt Ion:112 Resp: 2990252

Ion Ratio Lower Upper

112 100

64 54.7 45.0 67.4

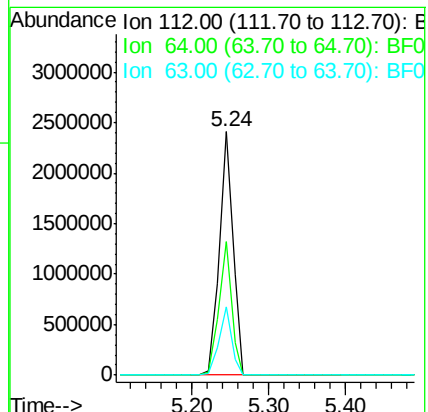
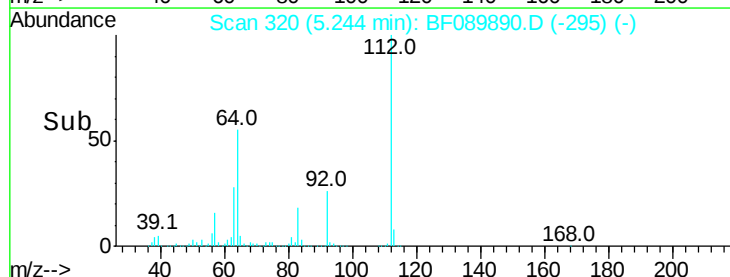
63 27.8 23.1 34.7

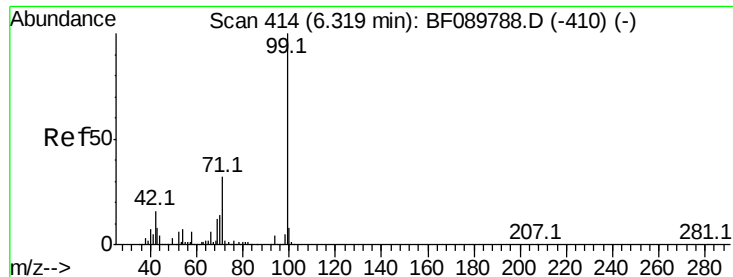


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.26 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MSD

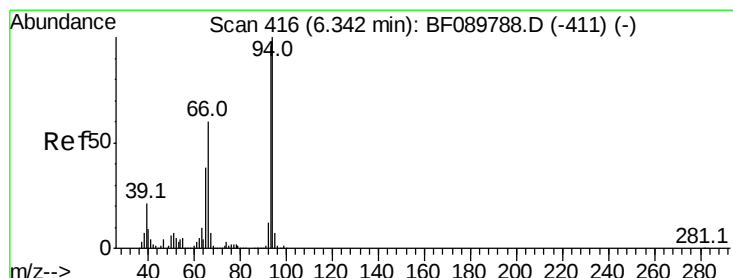
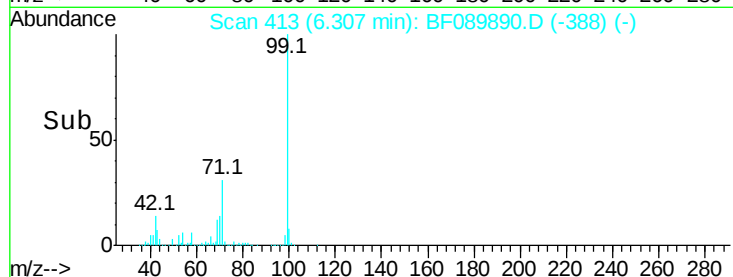
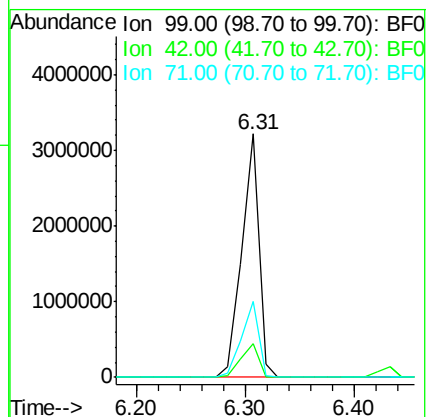
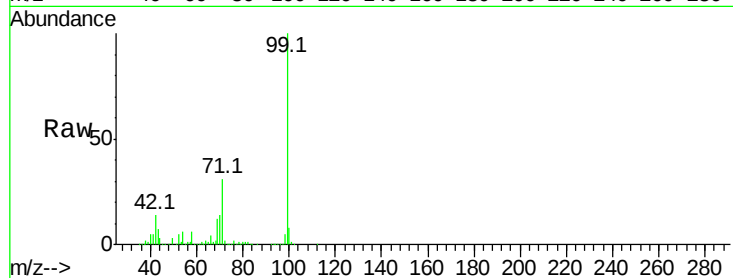
Tot Ion: 99 Resp: 3466636

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.4

71 31.1 23.8 35.8



#10

Phenol

Concen: 3.43 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

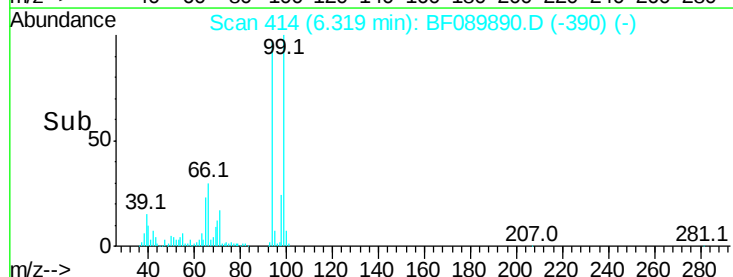
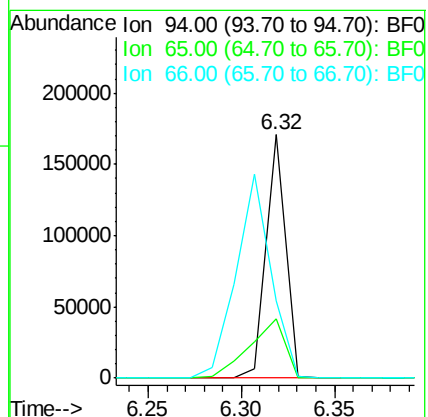
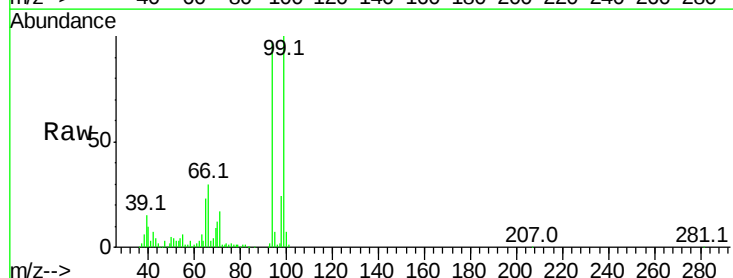
Tgt Ion: 94 Resp: 123157

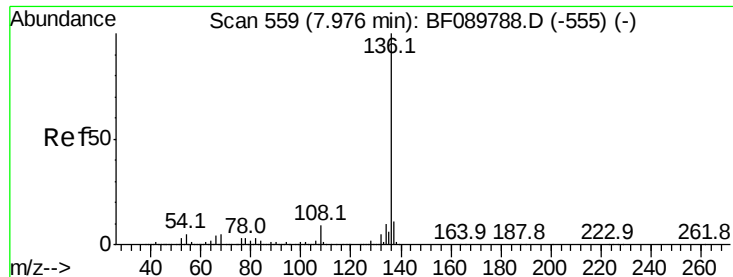
Ion Ratio Lower Upper

94 100

65 24.2 14.0 54.0

66 31.5 31.2 71.2

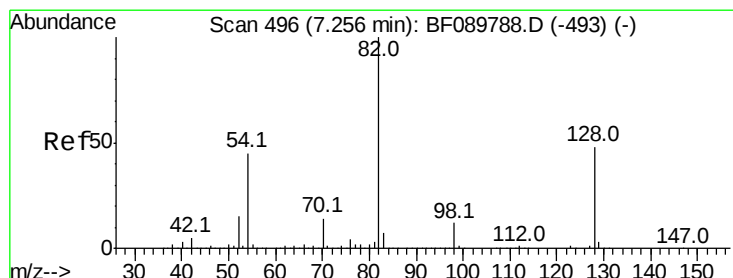
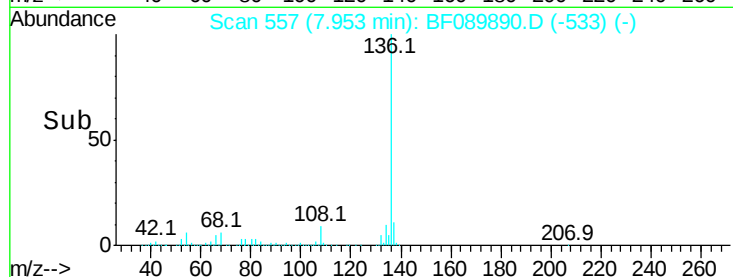
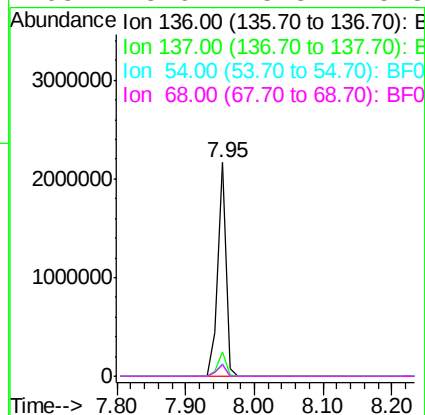
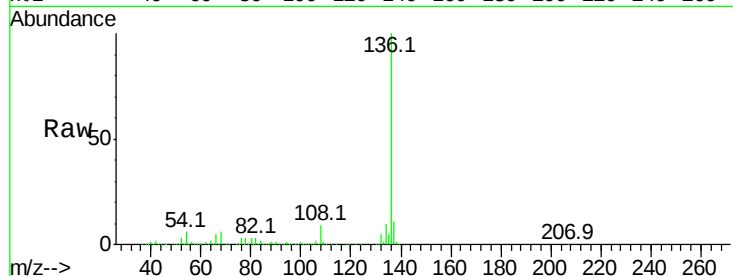




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089890.D
Acq: 24 Aug 2016 22:13

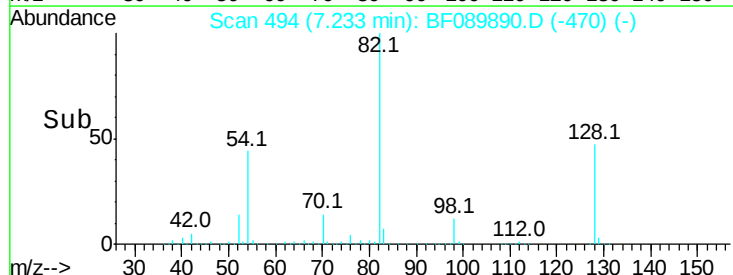
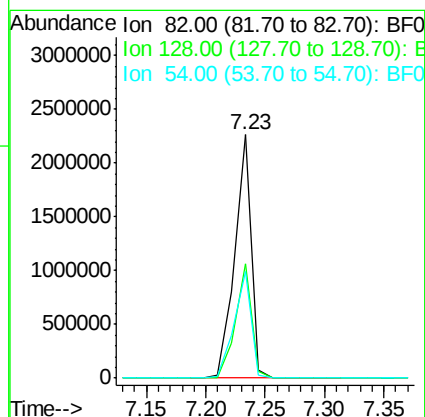
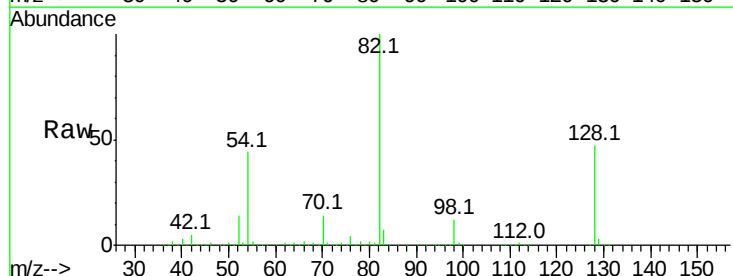
Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

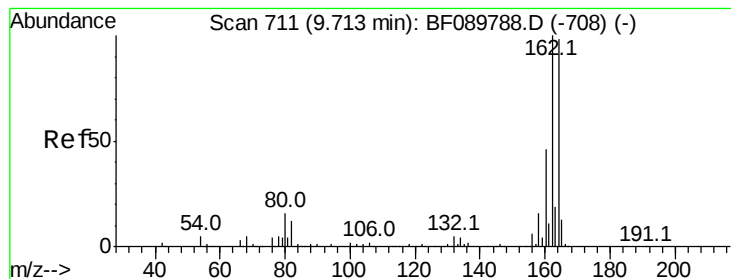
Tot Ion:	136	Resp:	1852823
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.9	7.2	10.8#
68	5.6	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 73.40 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089890.D
Acq: 24 Aug 2016 22:13

Tgt Ion:	82	Resp:	2189097
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.4	51.6
54	44.0	40.3	60.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MSD

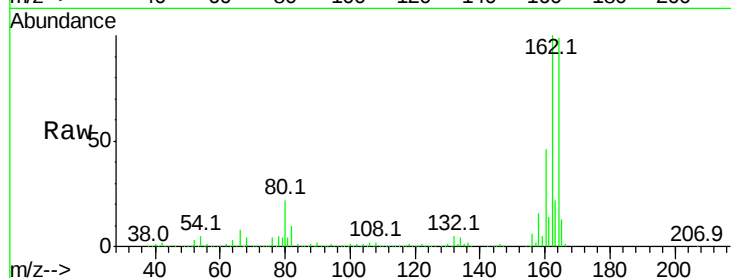
Tot Ion:164 Resp: 832096

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.2

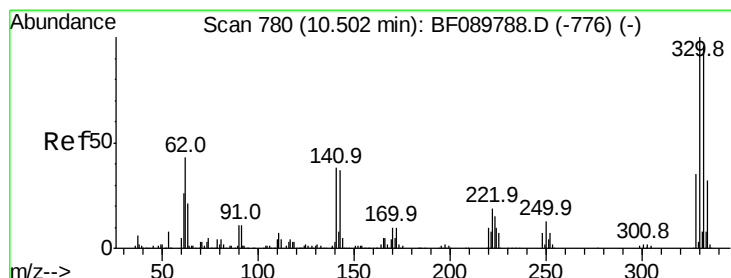
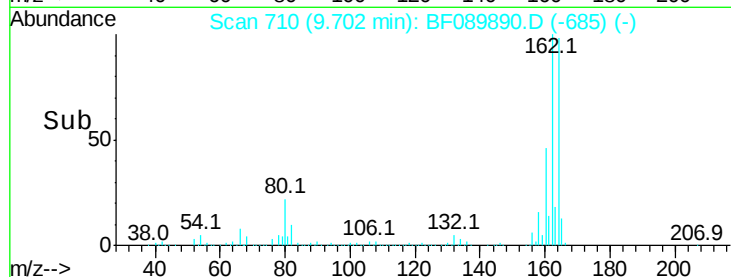
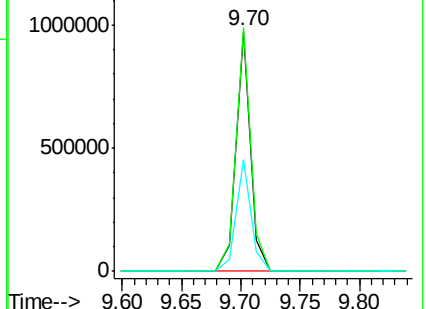
160 46.7 37.8 56.6



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



#41

2,4,6-Tribromophenol

Concen: 106.91 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

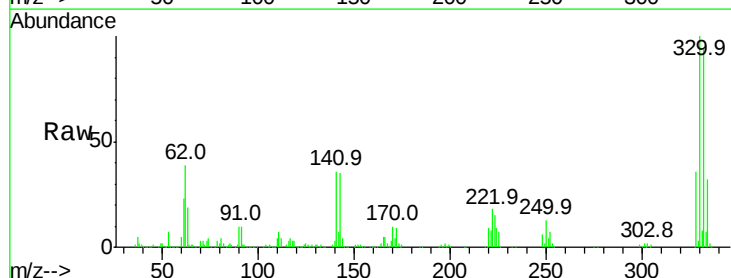
Tgt Ion:330 Resp: 845426

Ion Ratio Lower Upper

330 100

332 94.8 76.7 115.1

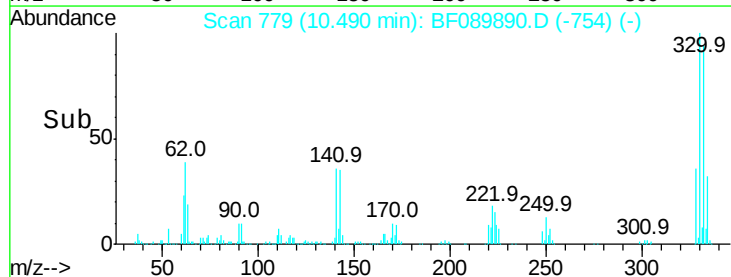
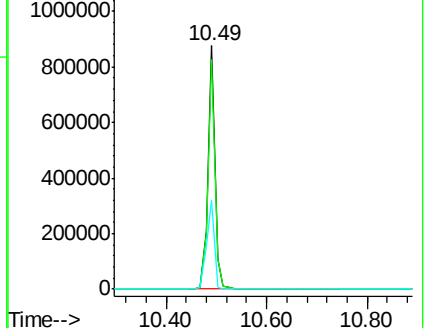
141 40.5 30.2 45.2

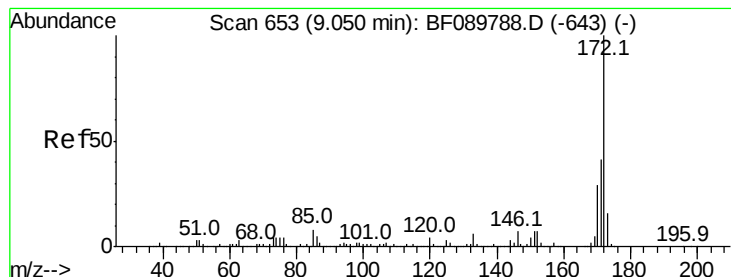


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 85.06 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

Instrument :

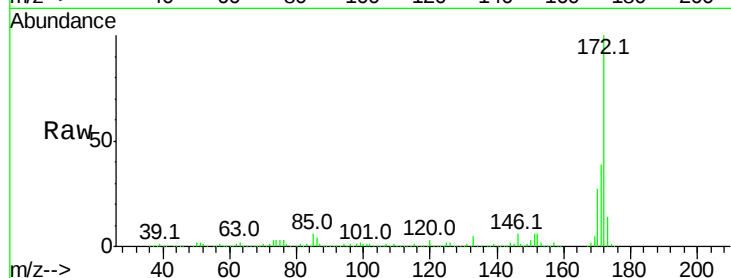
BNA_F

ClientSampleId :

SB-15A-(18-20)MSD

Tot Ion:172 Resp: 4027024

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	26.9	20.6	31.0

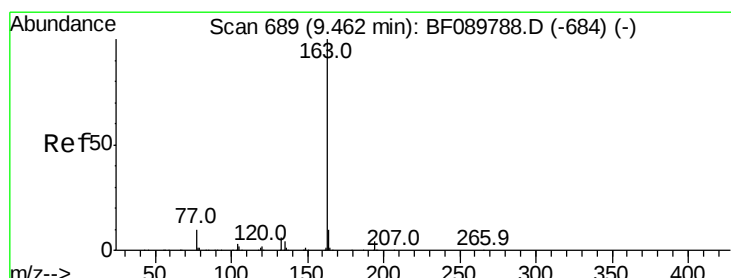
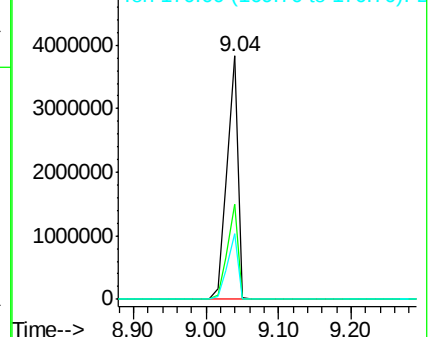
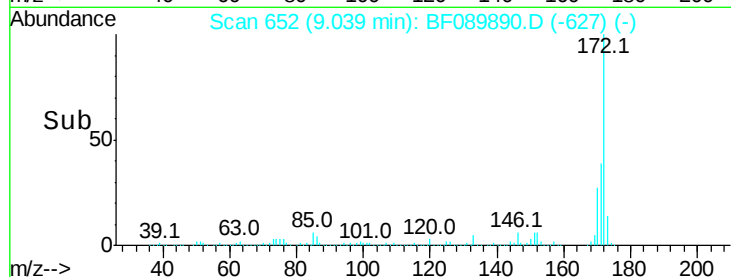


Abundance

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



#49

Dimethylphthalate

Concen: 24.35 ng

RT: 9.44 min Scan# 687

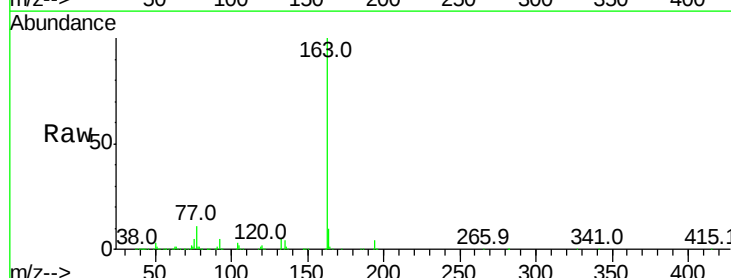
Delta R.T. -0.02 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

Tgt Ion:163 Resp: 1426521

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	3.8#
164	9.9	8.6	12.8

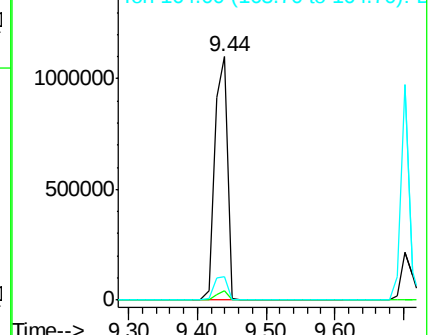
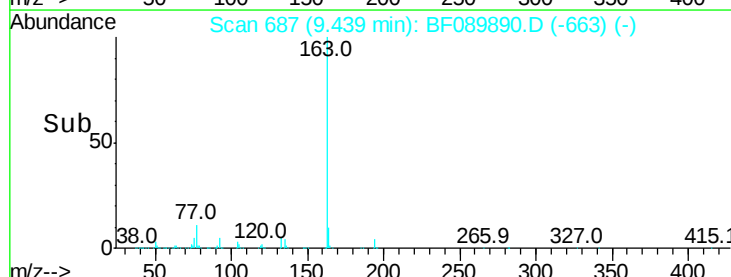


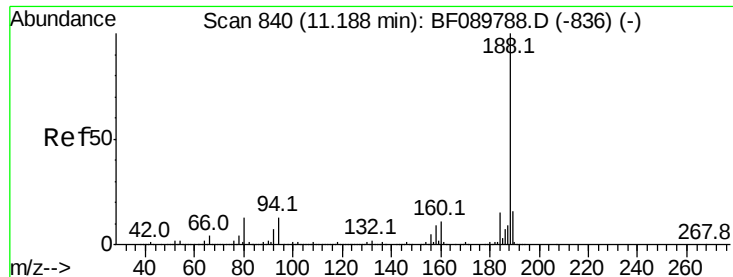
Abundance

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

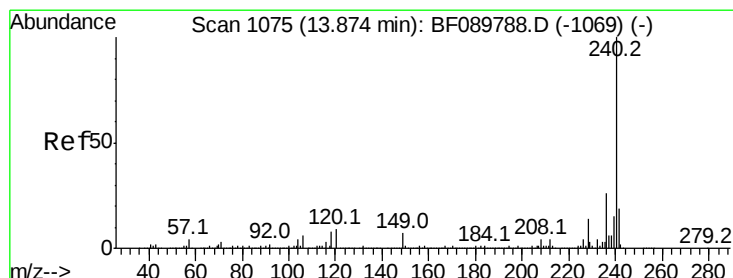
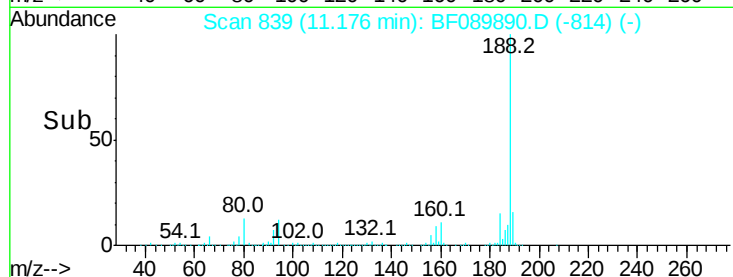
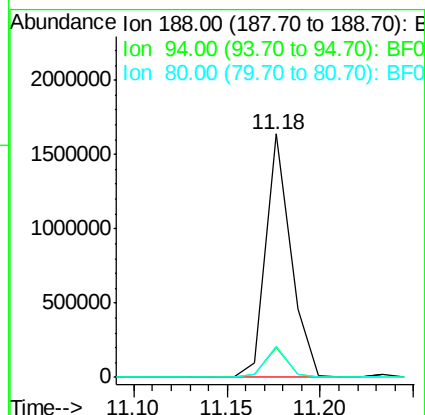
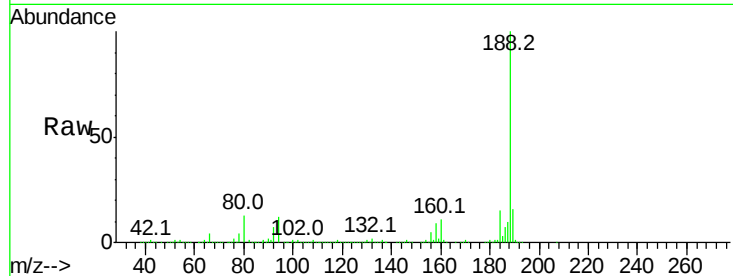




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089890.D
Acq: 24 Aug 2016 22:13

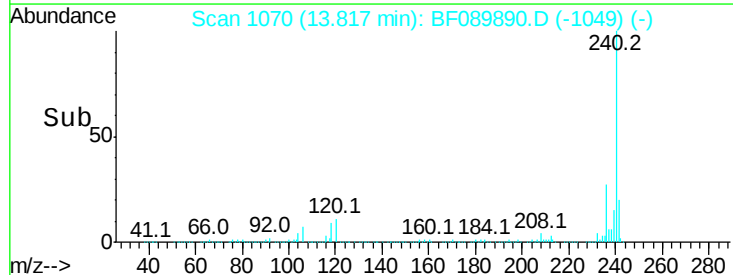
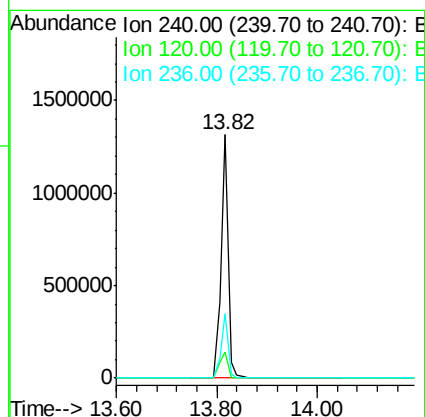
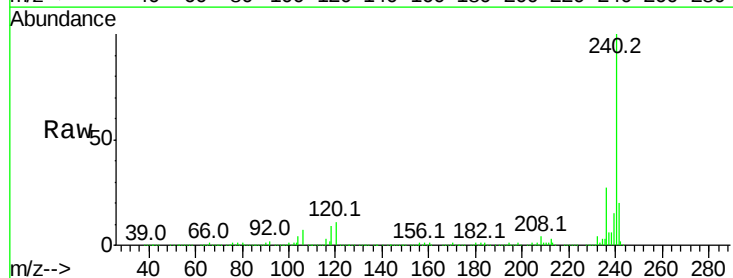
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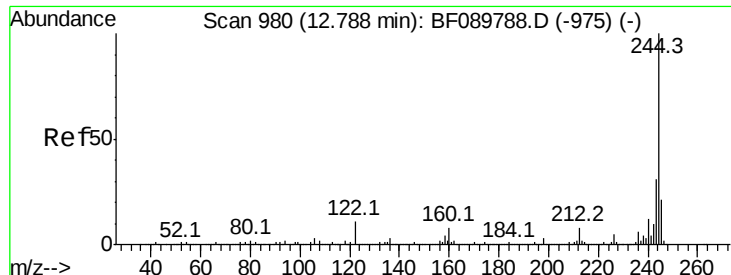
Tot Ion:188 Resp: 1511786
Ion Ratio Lower Upper
188 100
94 12.4 10.2 15.2
80 12.8 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.06 min
Lab File: BF089890.D
Acq: 24 Aug 2016 22:13

Tgt Ion:240 Resp: 1279788
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 26.5 21.3 31.9





#78

Terphenyl-d14

Concen: 58.58 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MSD

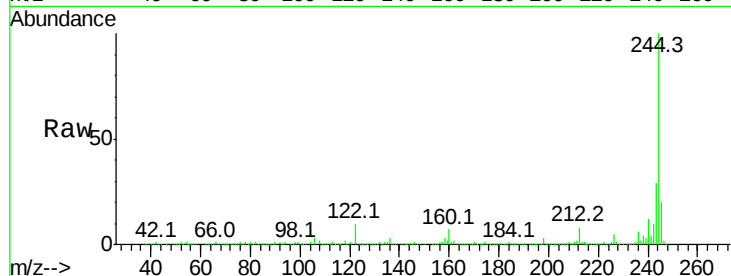
Tot Ion:244 Resp: 3313988

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

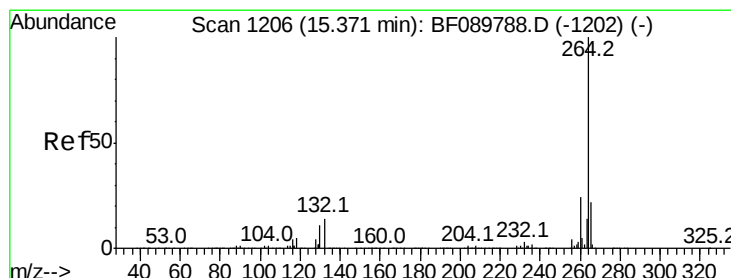
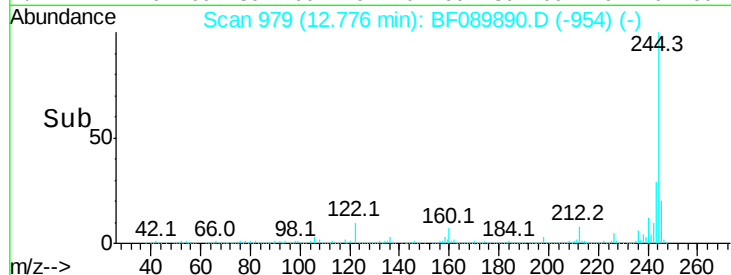
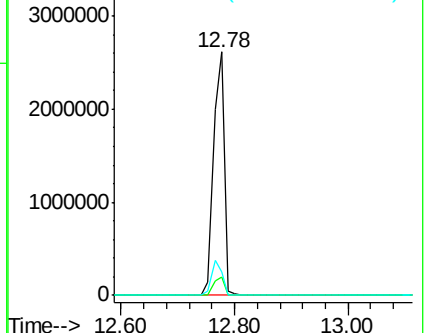
122 9.9 12.0 18.0#



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: 20.00 ng

RT: 15.25 min Scan# 1195

Delta R.T. -0.13 min

Lab File: BF089890.D

Acq: 24 Aug 2016 22:13

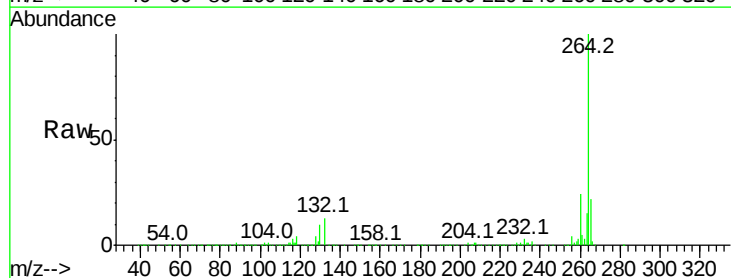
Tgt Ion:264 Resp: 977765

Ion Ratio Lower Upper

264 100

260 23.7 20.2 30.2

265 21.7 17.4 26.2



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

