

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097943.D
 Acq On : 22 Aug 2017 9:25
 Operator : SJ/JU
 Sample : I4872-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Aug 22 12:19:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

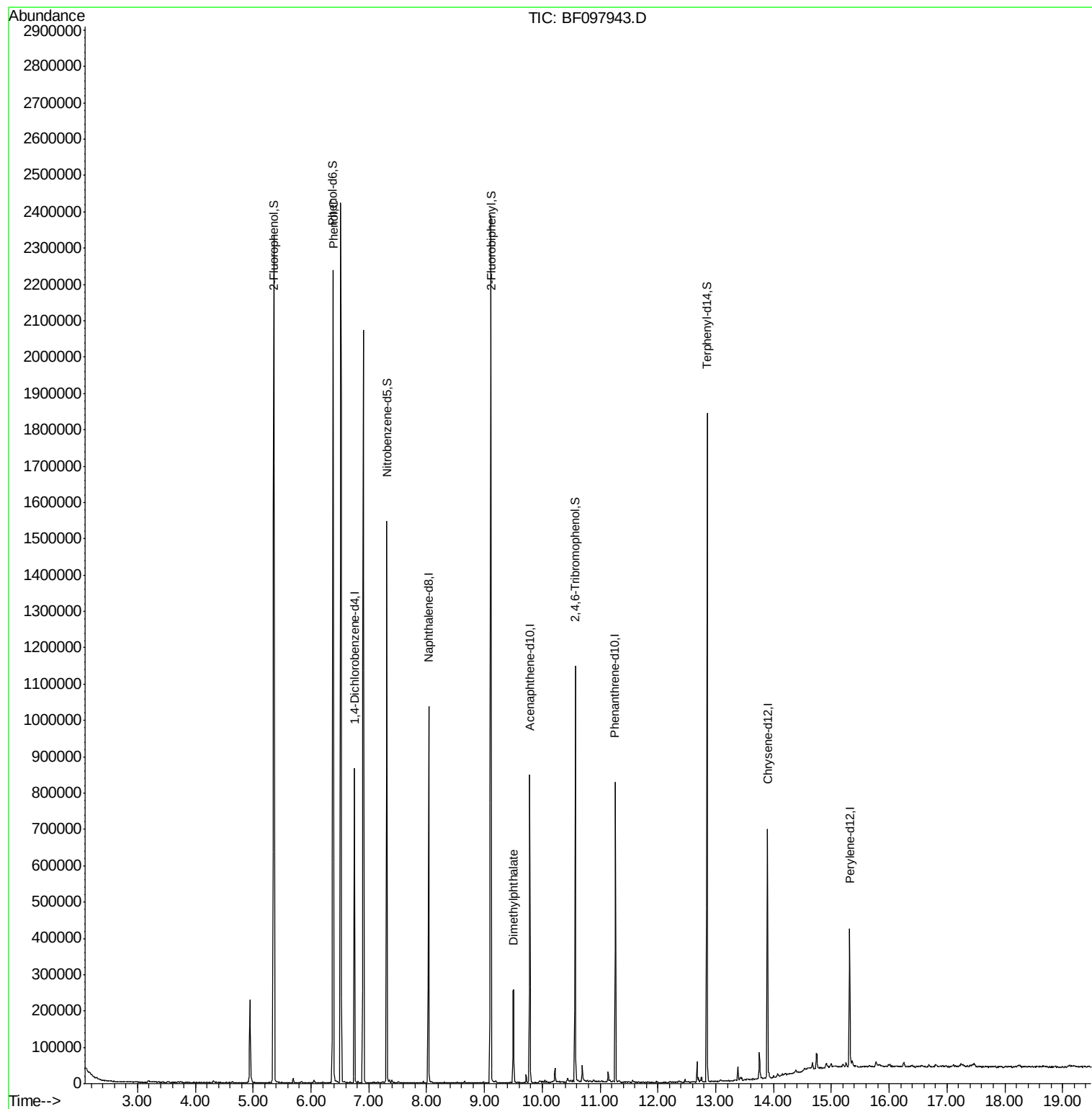
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	116845	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	425567	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	157723	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	269605	20.00	ng	0.00
75) Chrysene-d12	13.90	240	230599	20.00	ng	0.00
86) Perylene-d12	15.32	264	155955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	669778	87.19	ng	0.00
7) Phenol-d6	6.38	99	898434	86.08	ng	0.00
23) Nitrobenzene-d5	7.31	82	515353	65.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	105321	76.96	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	719124	66.99	ng	0.00
78) Terphenyl-d14	12.85	244	509984	46.12	ng	0.00
Target Compounds						
10) Phenol	6.39	94	28835	2.362	ng	98
49) Dimethylphthalate	9.50	163	96136	8.339	ng	96

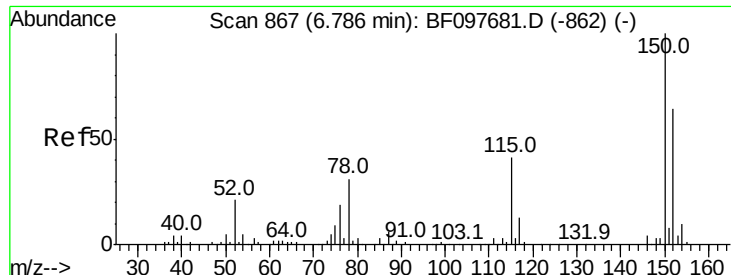
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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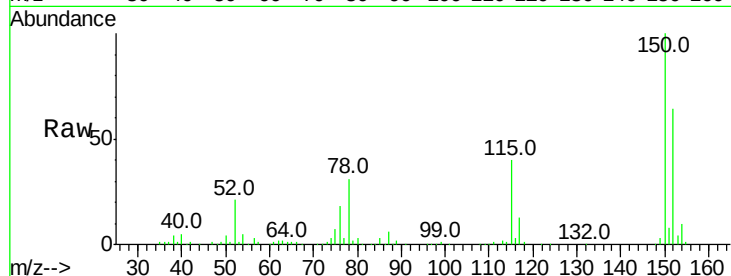


#1

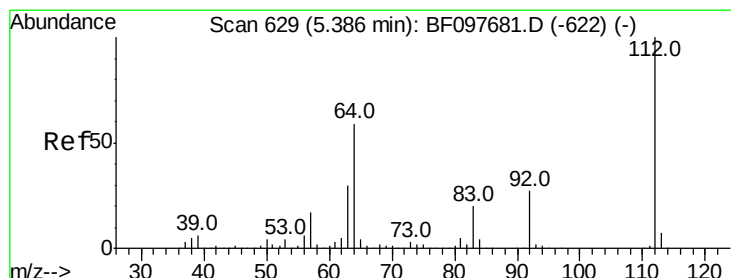
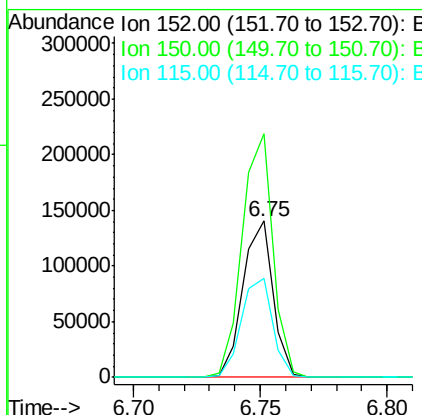
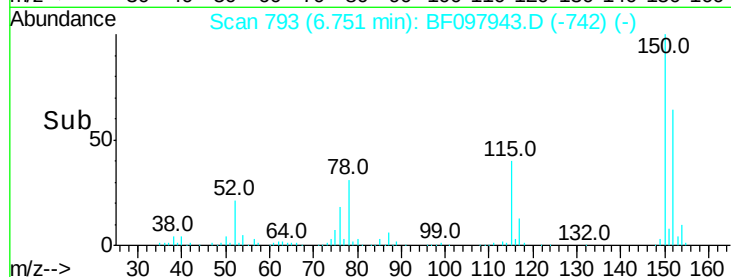
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tot Ion:152 Resp: 116845
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 63.0 52.2 78.2



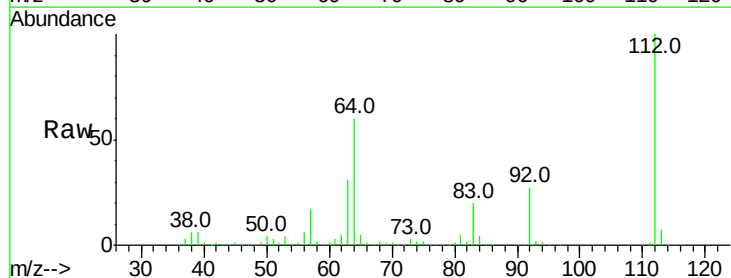
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



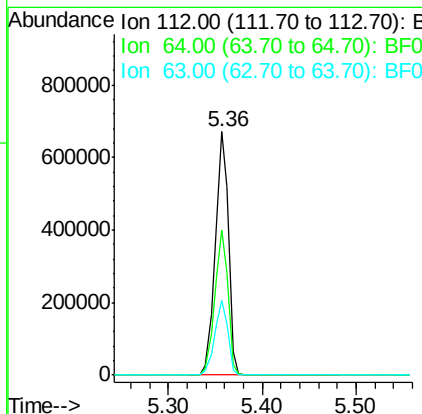
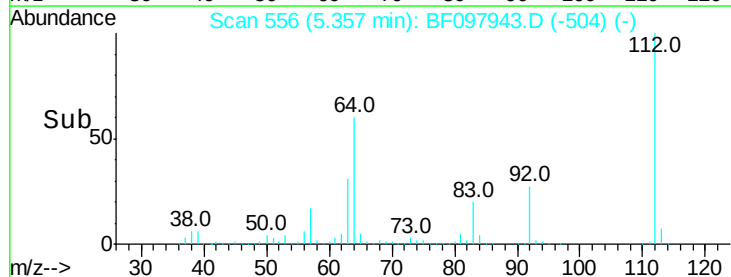
#5

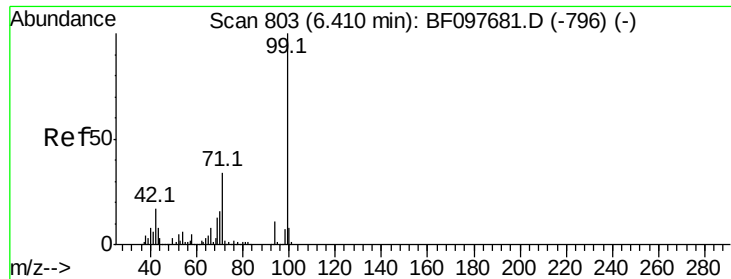
2-Fluorophenol
 Concen: 87.191 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Tgt Ion:112 Resp: 669778
 Ion Ratio Lower Upper
 112 100
 64 59.7 46.0 69.0
 63 30.5 23.4 35.0



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: 86.079 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

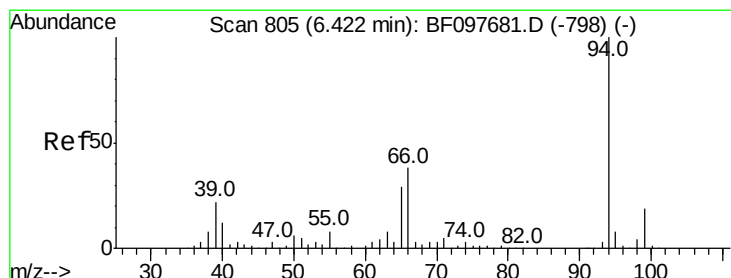
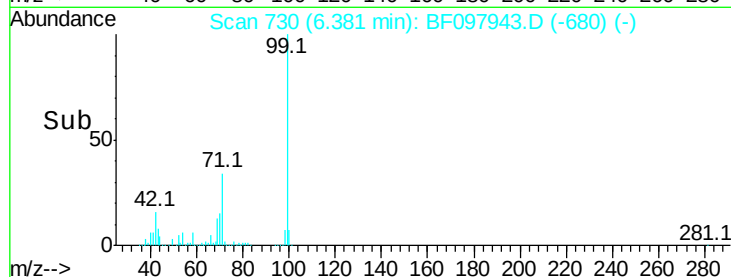
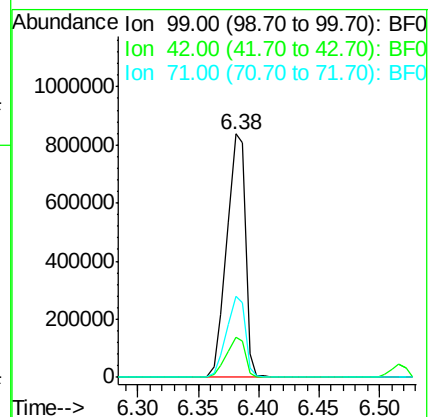
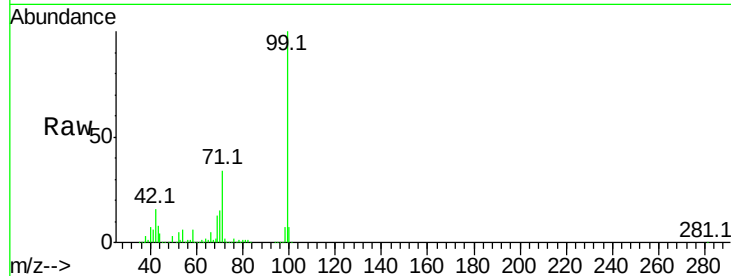
Tot Ion: 99 Resp: 898434

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 33.5 24.5 36.7



#10

Phenol

Concen: 2.362 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

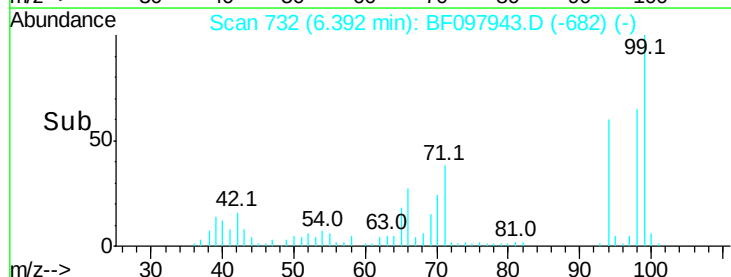
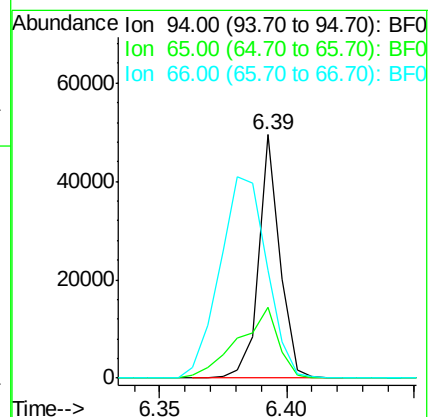
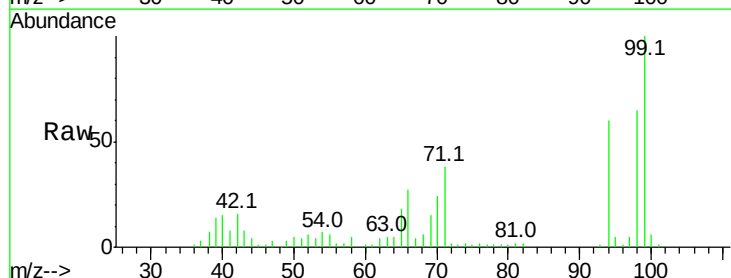
Tgt Ion: 94 Resp: 28835

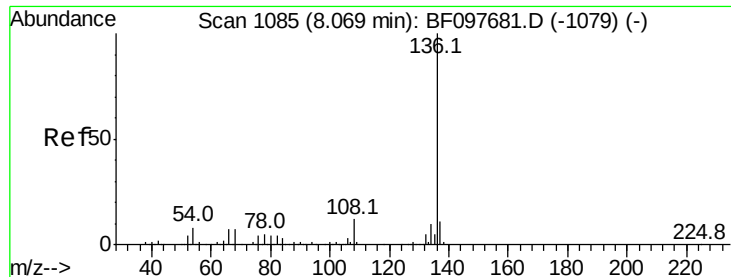
Ion Ratio Lower Upper

94 100

65 29.3 9.9 49.9

66 44.4 23.1 63.1

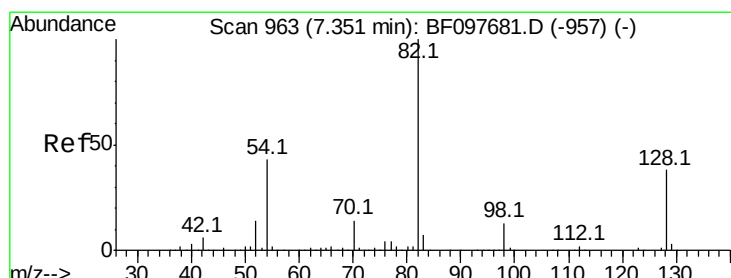
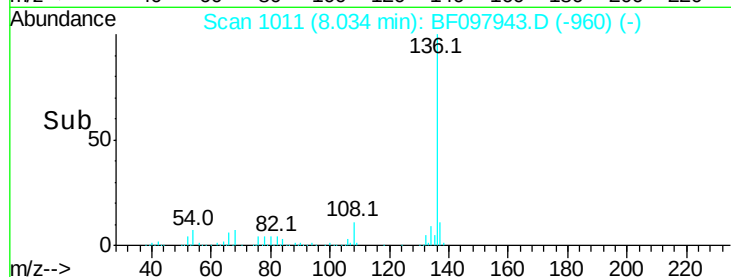
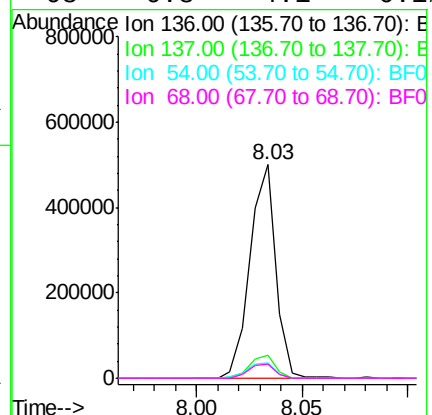
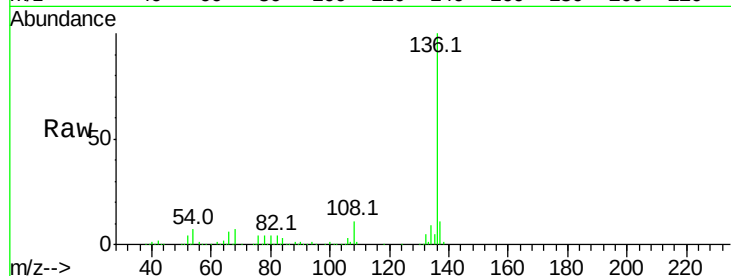




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097943.D
Acq: 22 Aug 2017 9:25

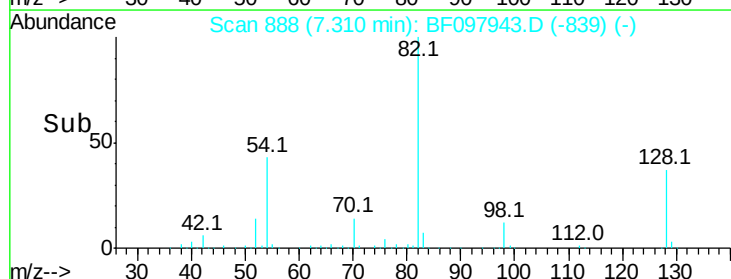
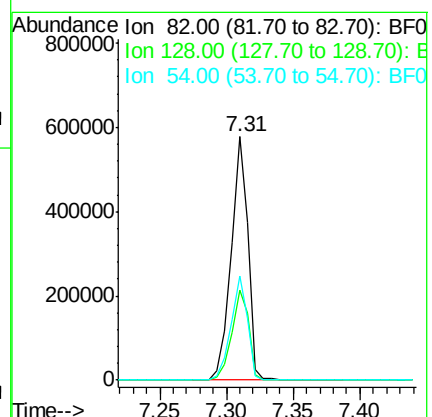
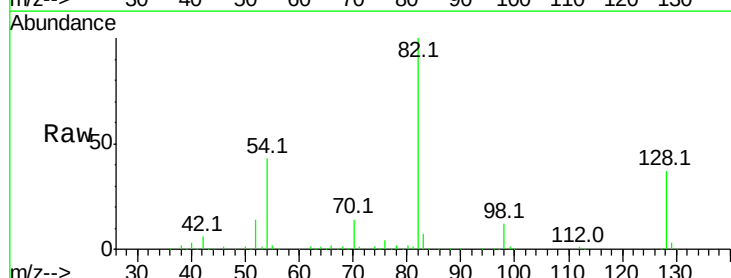
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

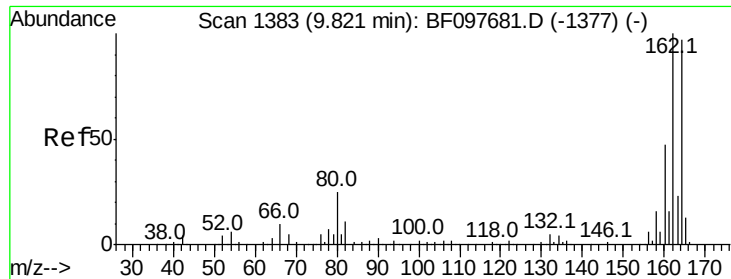
Tot Ion:	136	Resp:	425567
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.1	4.9	7.3
68	6.8	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 65.786 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097943.D
Acq: 22 Aug 2017 9:25

Tgt Ion:	82	Resp:	515353
Ion	Ratio	Lower	Upper
82	100		
128	36.9	34.0	51.0
54	42.8	42.2	63.2

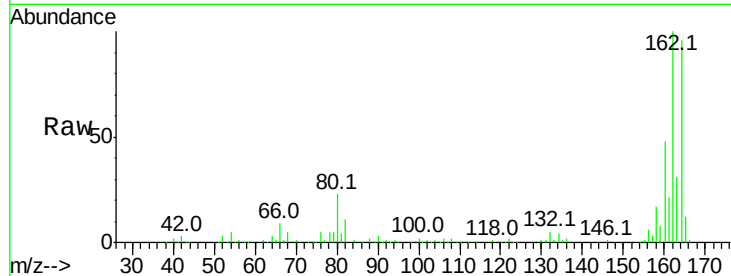




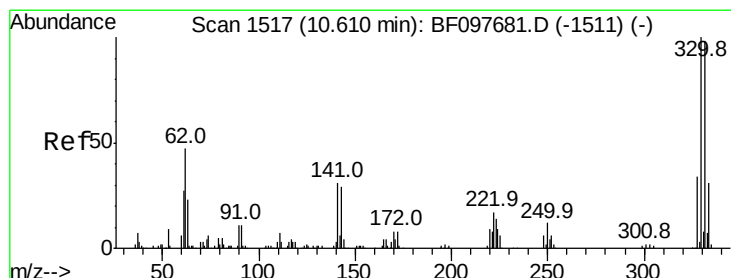
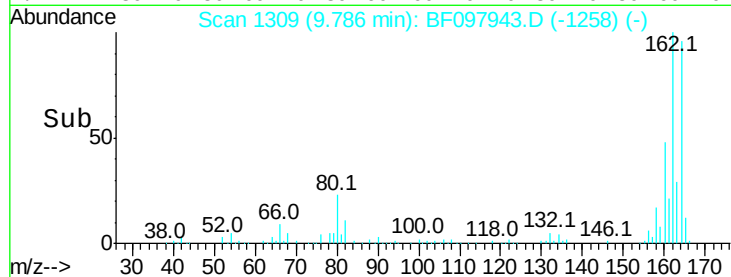
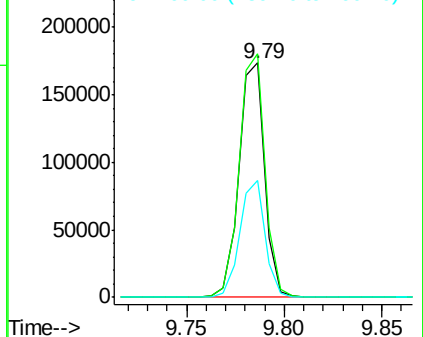
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tot Ion:164 Resp: 157723
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 49.8 36.2 54.2

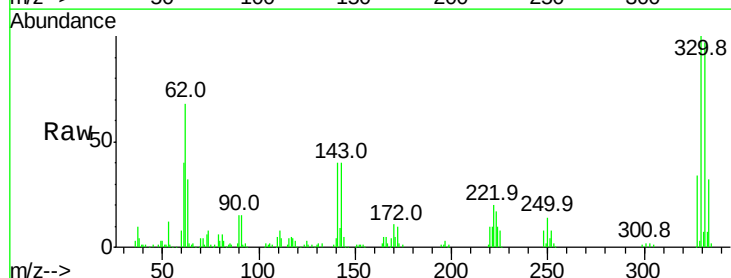


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

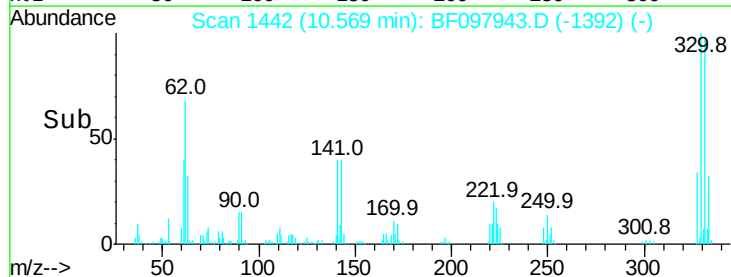
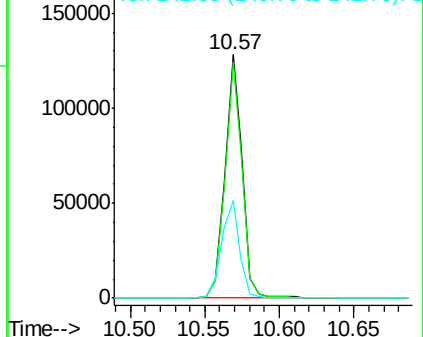


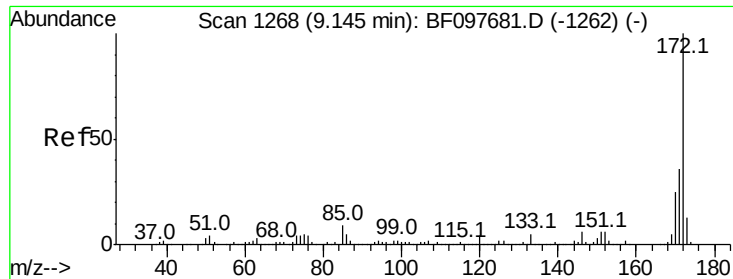
#41
 2,4,6-Tribromophenol
 Concen: 76.961 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Tgt Ion:330 Resp: 105321
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 41.8 31.4 47.2



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

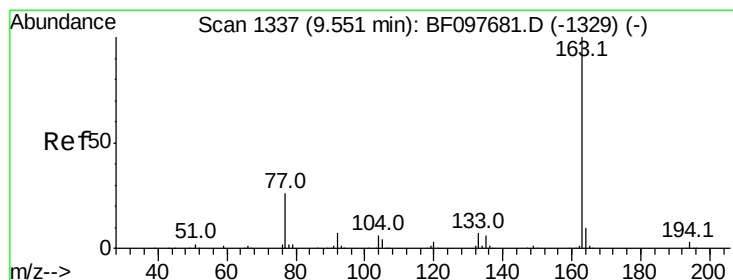
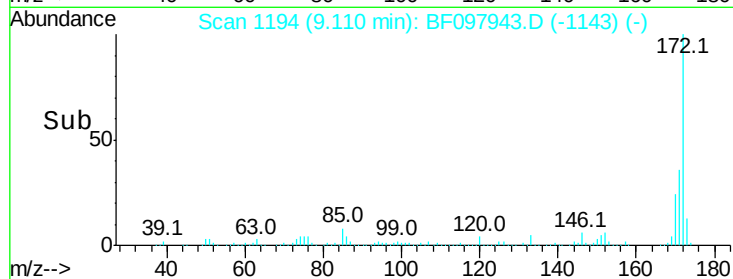
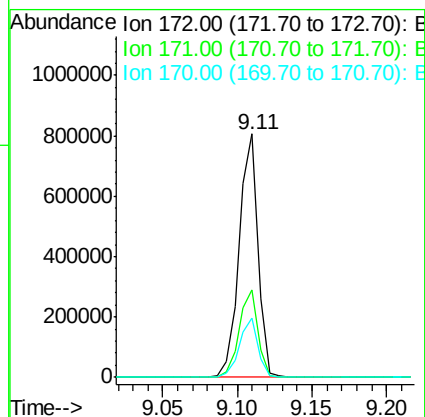
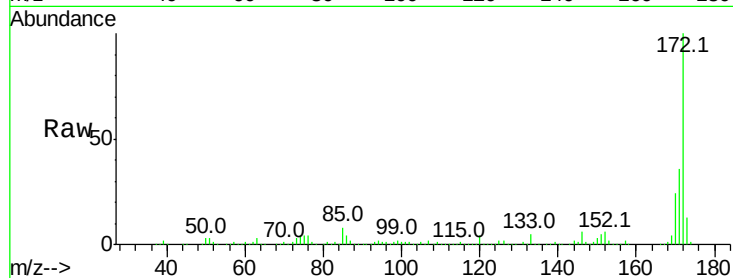




#44
 2-Fluorobiphenyl
 Concen: 66.987 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

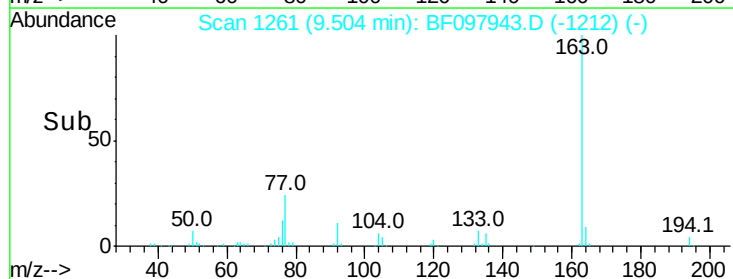
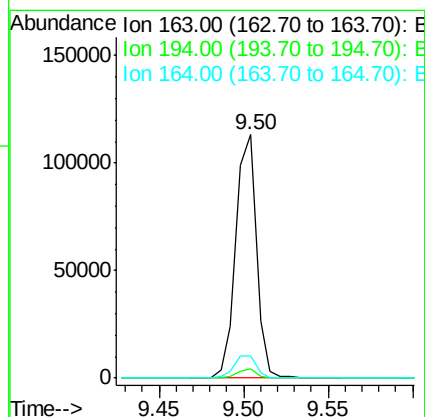
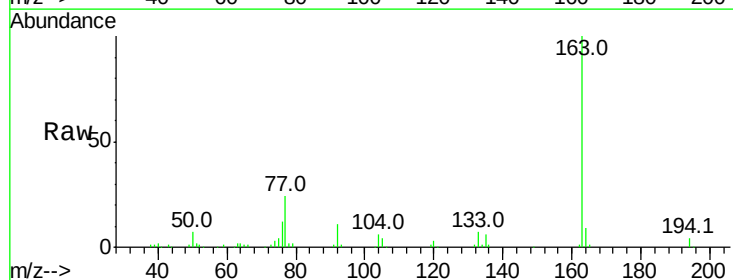
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 BNA_F
 ClientSampleId :
 SB-20-COMP

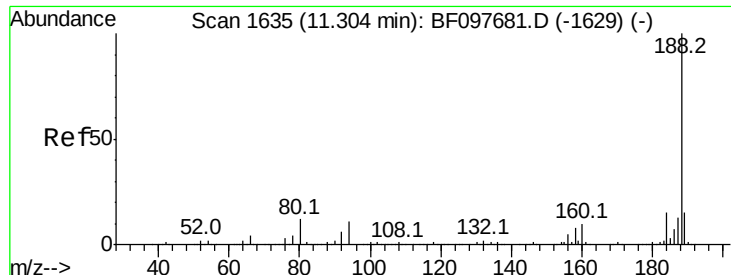
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	19.8	29.8



#49
 Dimethylphthalate
 Concen: 8.339 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	8.9	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

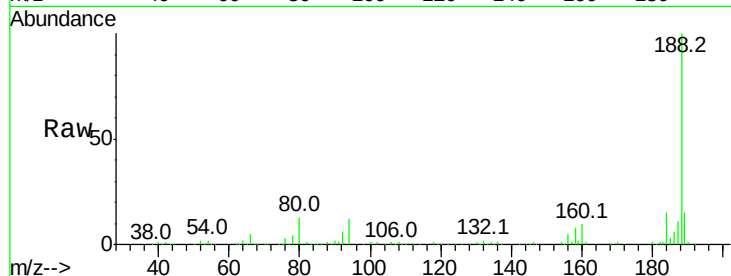
Tot Ion:188 Resp: 269605

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

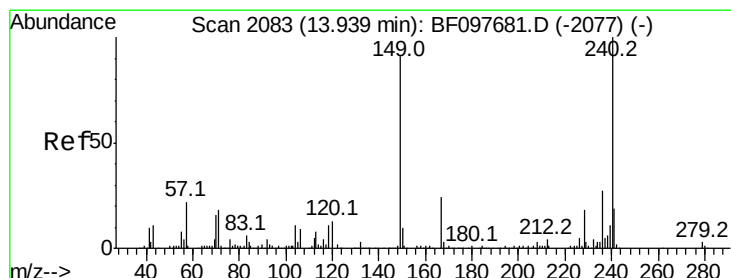
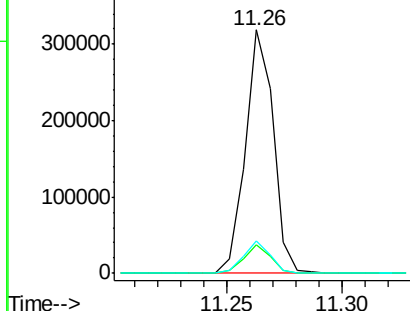
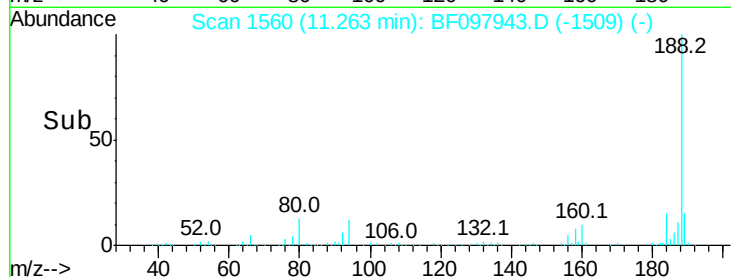
80 13.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

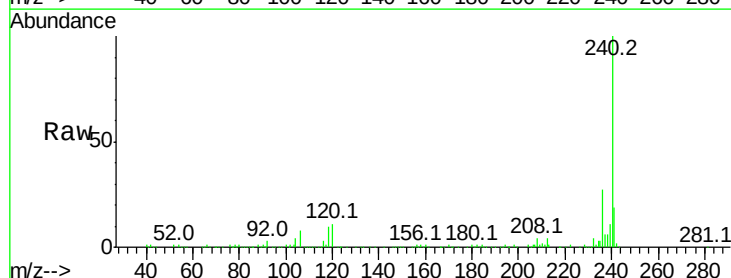
Tgt Ion:240 Resp: 230599

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

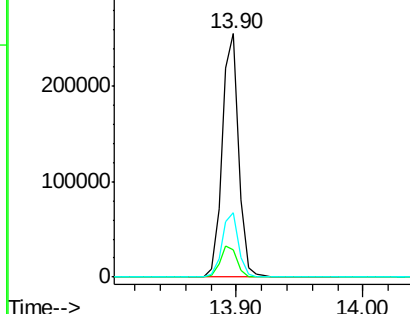
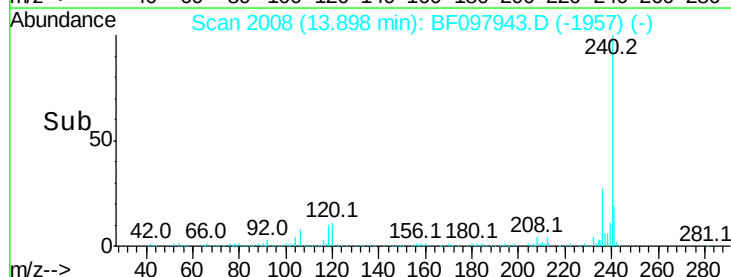
236 26.5 20.5 30.7

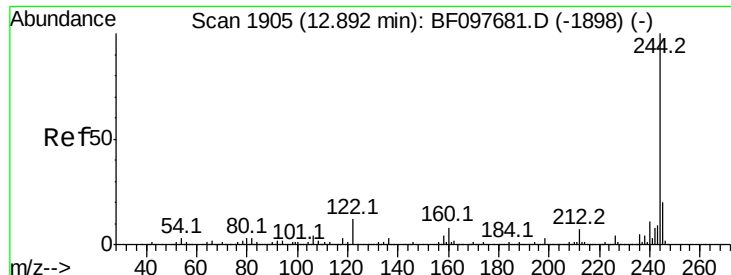


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.118 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

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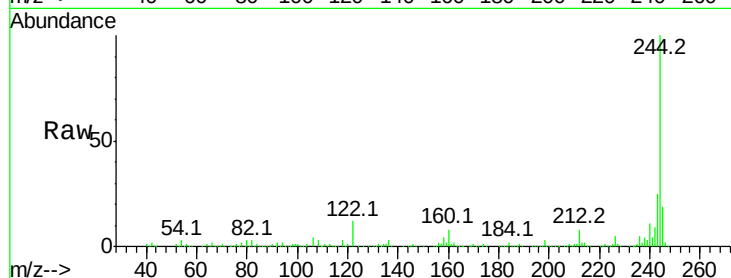
Tot Ion:244 Resp: 509984

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

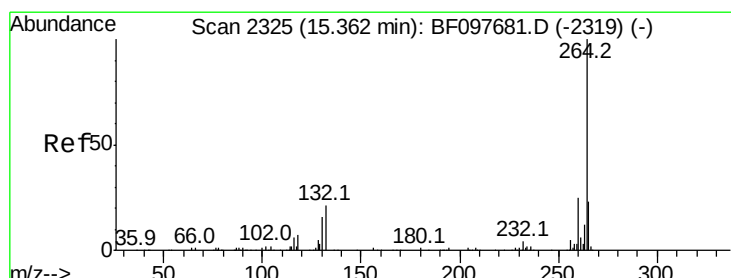
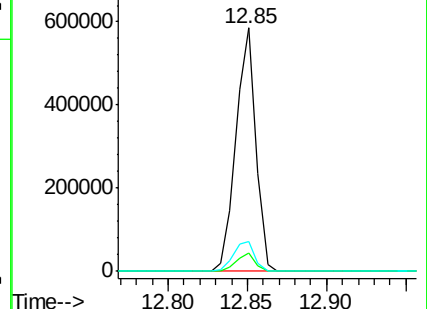
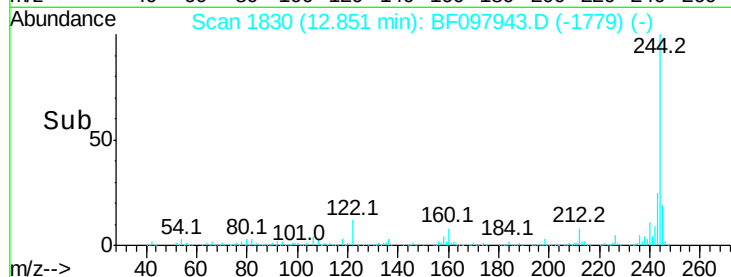
122 12.5 10.3 15.5



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

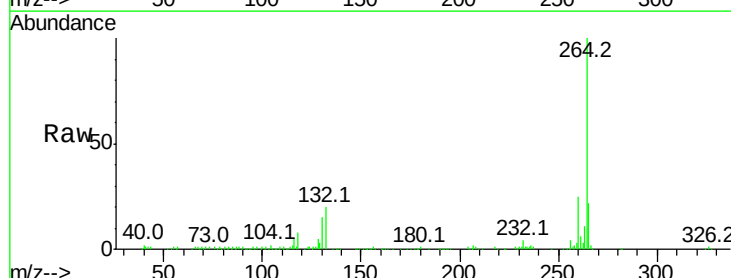
Tgt Ion:264 Resp: 155955

Ion Ratio Lower Upper

264 100

260 25.4 19.5 29.3

265 21.9 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

