

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092714.D
 Acq On : 1 Feb 2017 19:47
 Operator : SJ/MA
 Sample : I1597-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMP

Quant Time: Feb 02 00:13:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

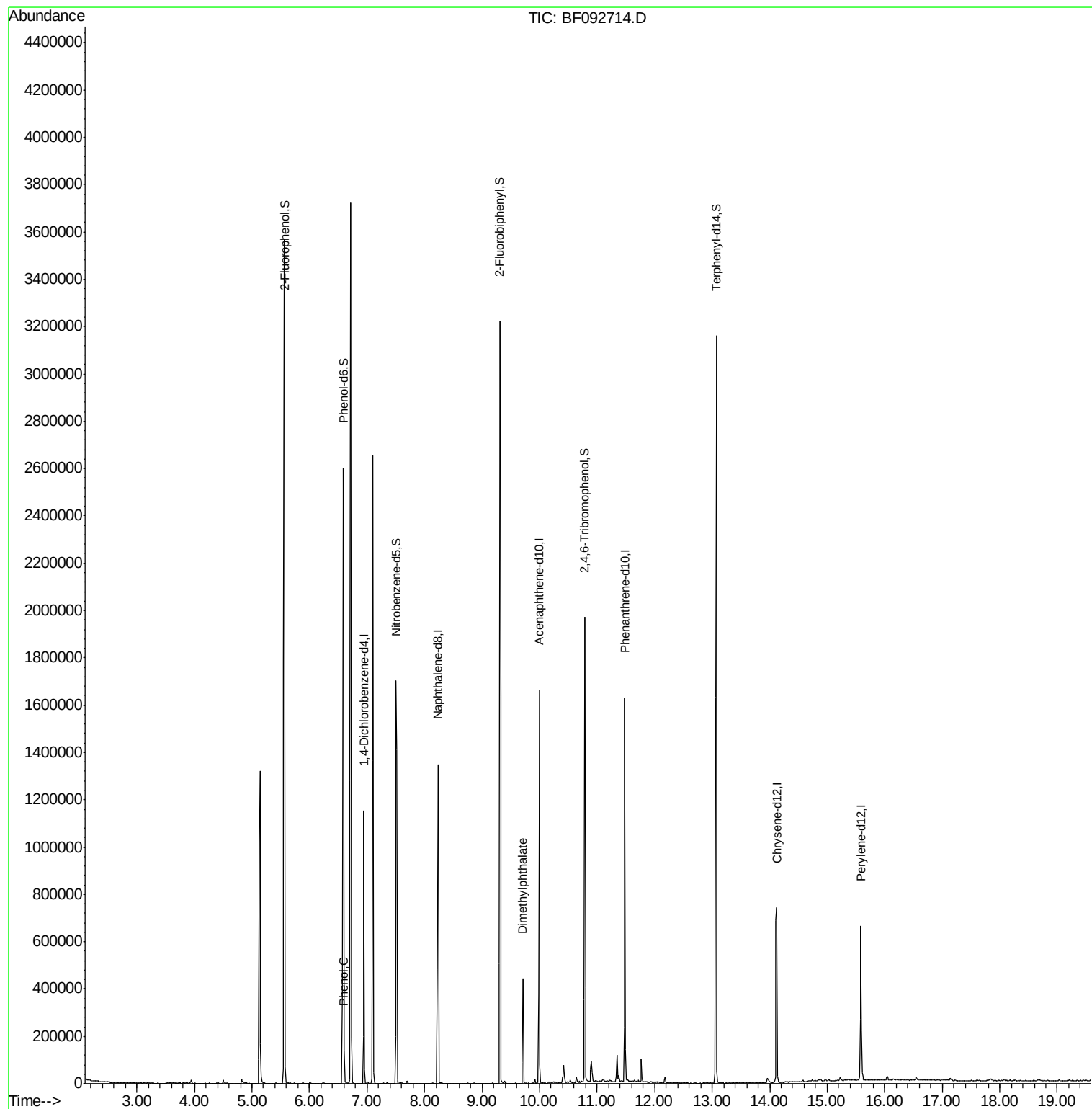
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	157602	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	635608	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	346997	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	543395	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	373825	20.00	ng	-0.02
86) Perylene-d12	15.59	264	283896	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1034743	112.64	ng	-0.01
7) Phenol-d6	6.59	99	1323974	112.01	ng	-0.01
23) Nitrobenzene-d5	7.50	82	779615	68.30	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	205671	81.95	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1271854	66.40	ng	-0.02
78) Terphenyl-d14	13.07	244	1094750	68.81	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	61826	4.47	ng	Qvalue # 60
49) Dimethylphthalate	9.71	163	175652	7.52	ng	99

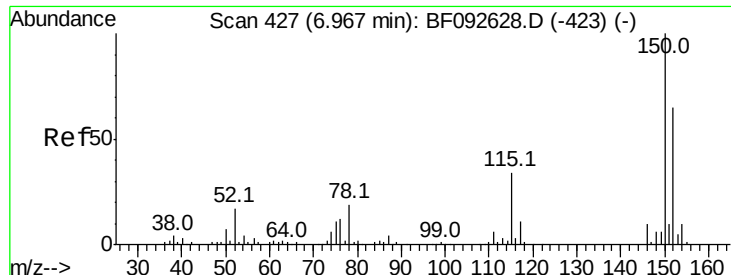
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092714.D

Acq: 1 Feb 2017 19:47

Instrument :

BNA_F

ClientSampleId :

SB-29-COMP

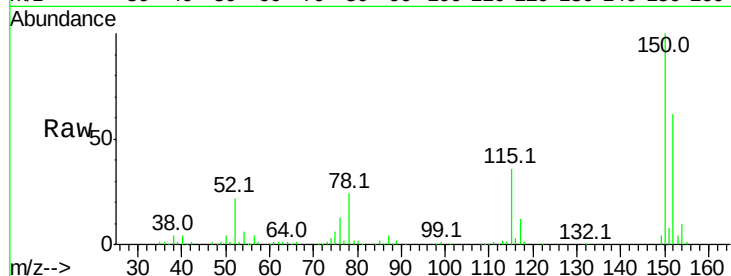
Tot Ion:152 Resp: 157602

Ion Ratio Lower Upper

152 100

150 161.6 124.9 187.3

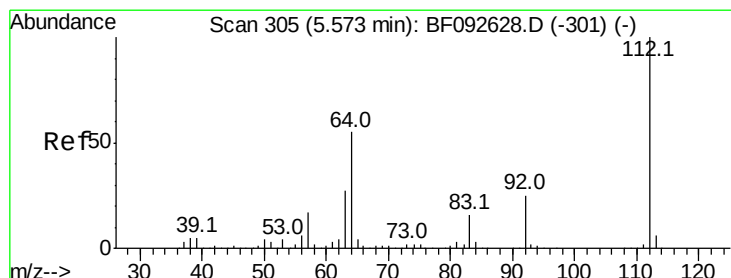
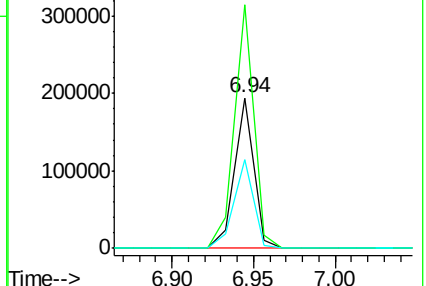
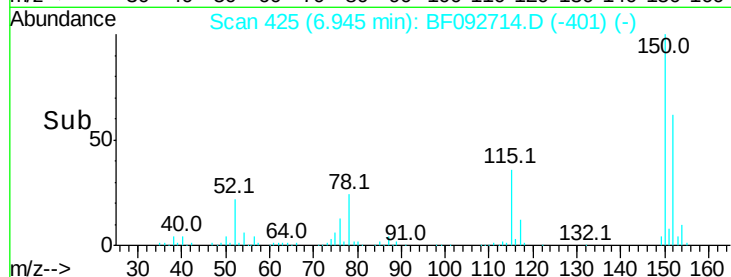
115 58.6 46.0 69.0



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: 112.64 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092714.D

Acq: 1 Feb 2017 19:47

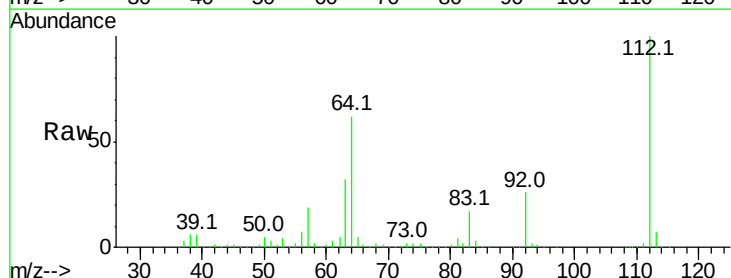
Tgt Ion:112 Resp: 1034743

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

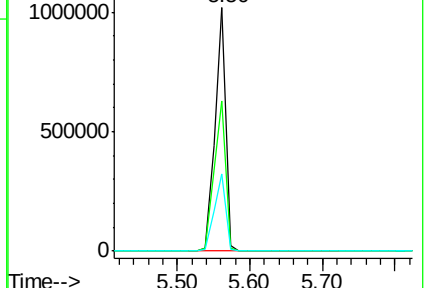
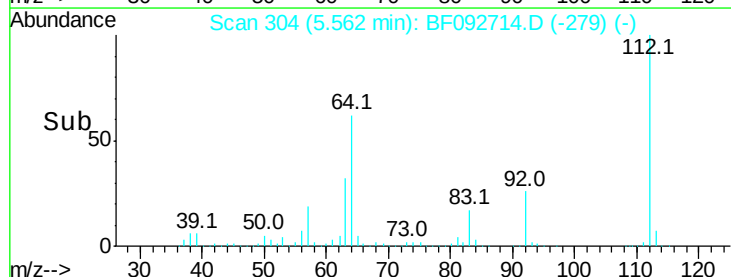
63 31.6 23.8 35.6

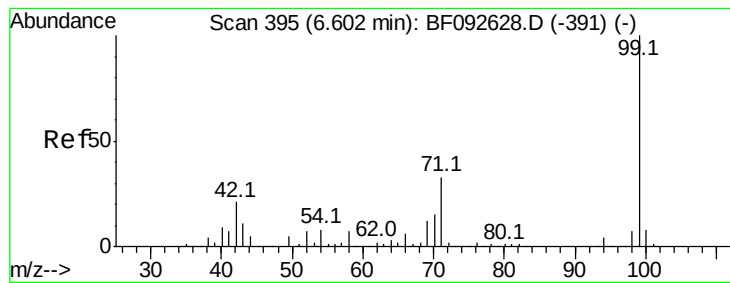


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.01 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092714.D

Acq: 1 Feb 2017 19:47

Instrument :

BNA_F

ClientSampleId :

SB-29-COMP

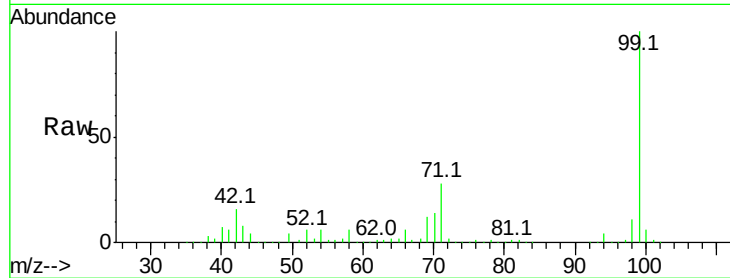
Tot Ion: 99 Resp: 1323974

Ion Ratio Lower Upper

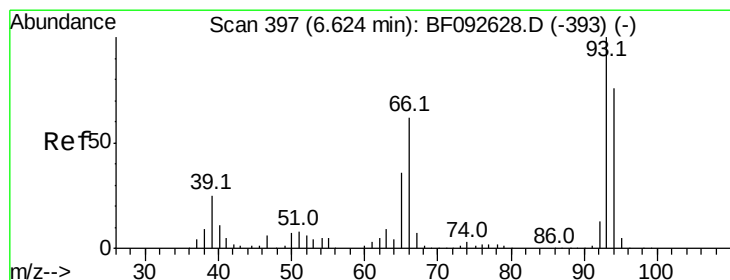
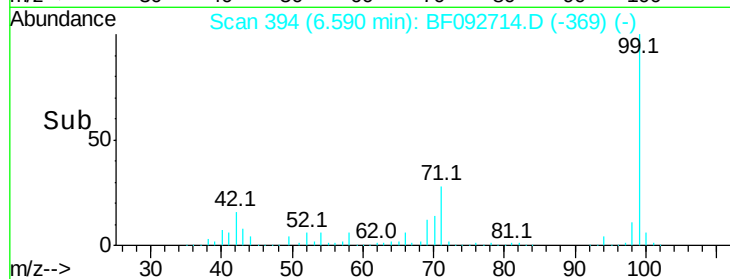
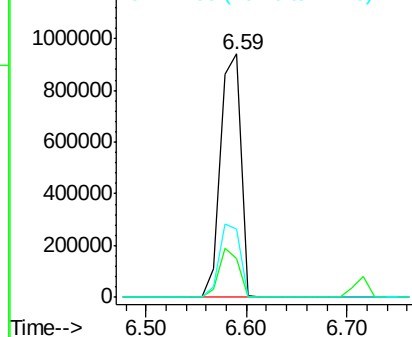
99 100

42 15.7 15.6 23.4

71 27.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.47 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092714.D

Acq: 1 Feb 2017 19:47

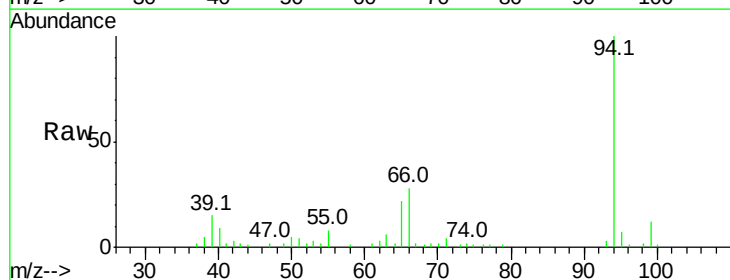
Tgt Ion: 94 Resp: 61826

Ion Ratio Lower Upper

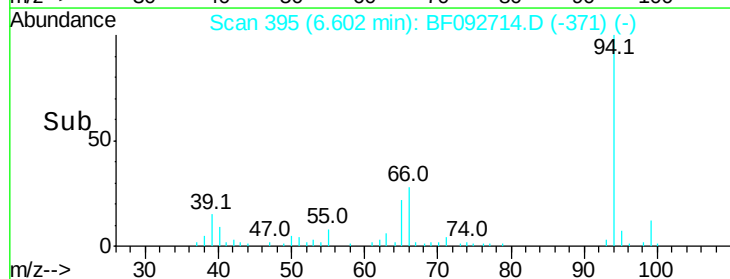
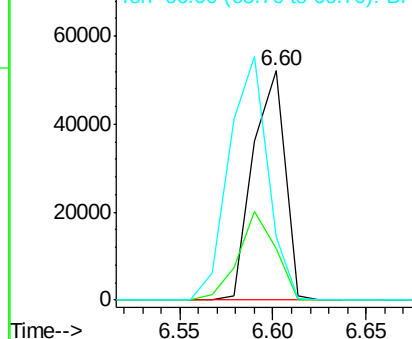
94 100

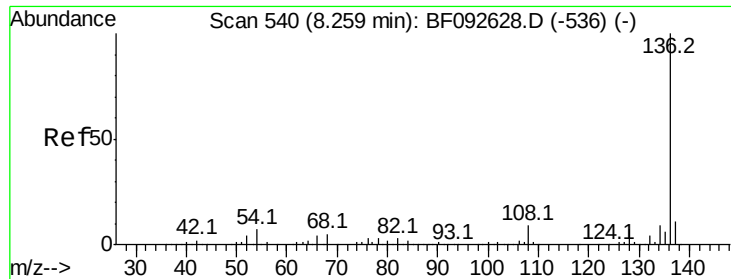
65 22.4 21.4 61.4

66 27.8 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

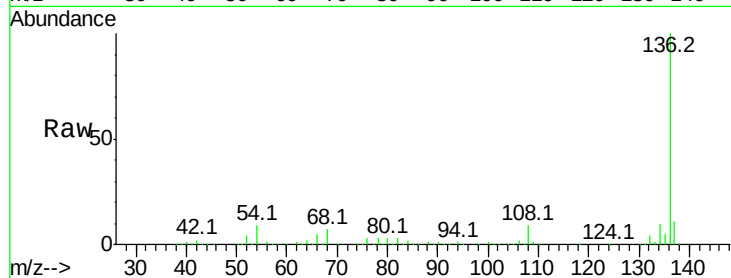




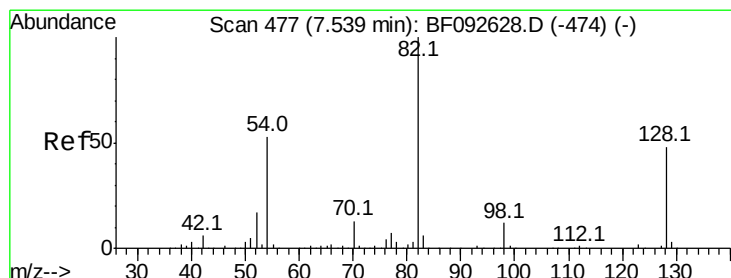
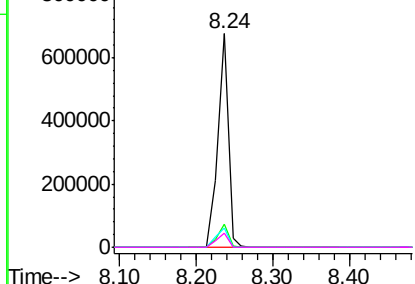
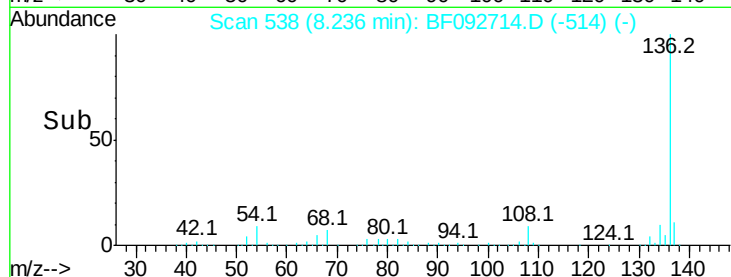
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092714.D
Acq: 1 Feb 2017 19:47

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tot Ion:	136	Resp:	635608
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.9	4.5	6.7#
68	6.5	3.6	5.4#

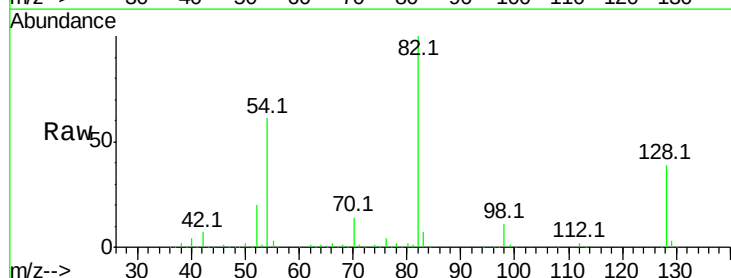


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

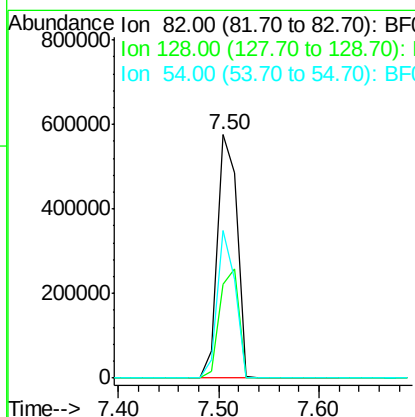
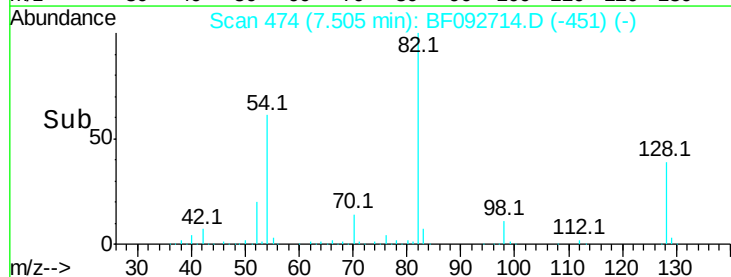


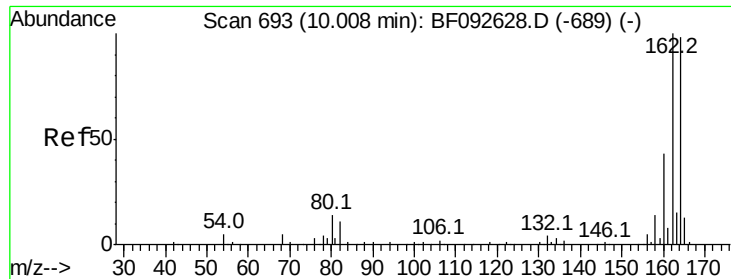
#23
Nitrobenzene-d5
Concen: 68.30 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092714.D
Acq: 1 Feb 2017 19:47

Tgt Ion:	82	Resp:	779615
Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.6	52.0
54	60.6	39.5	59.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

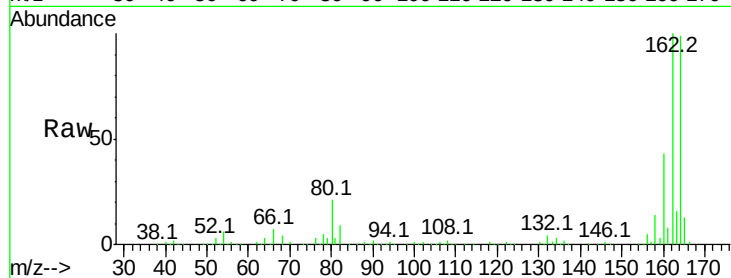




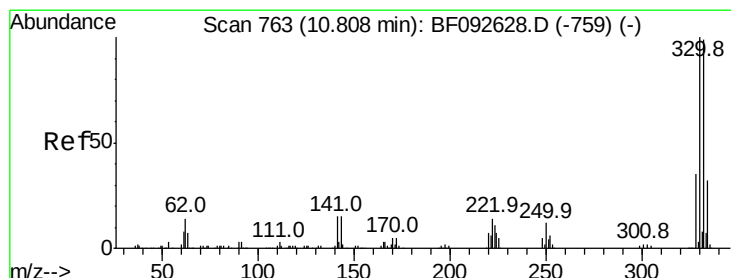
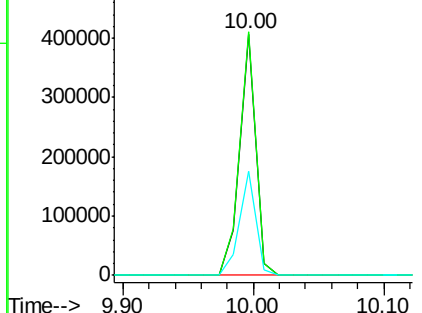
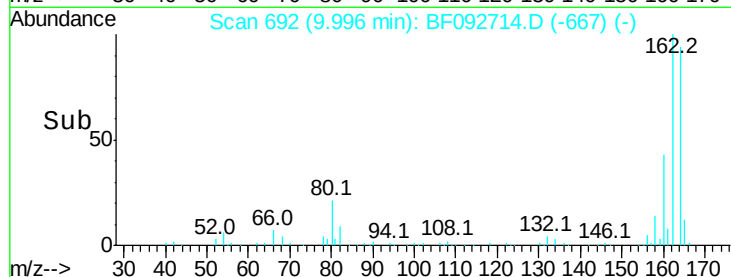
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092714.D
 Acq: 1 Feb 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	43.1	36.9	55.3

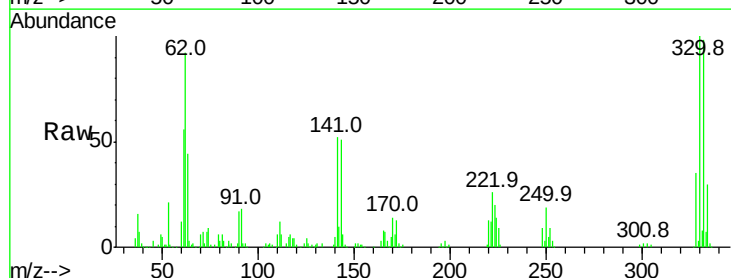


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

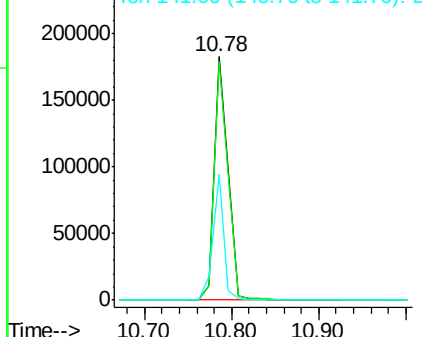
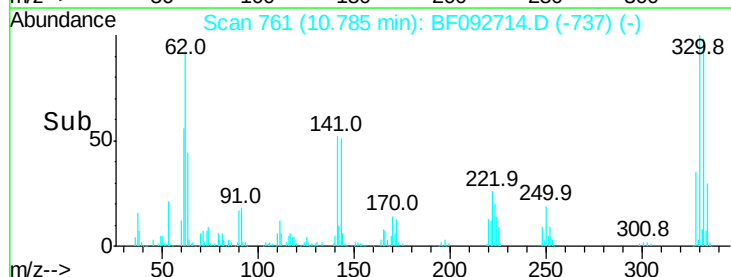


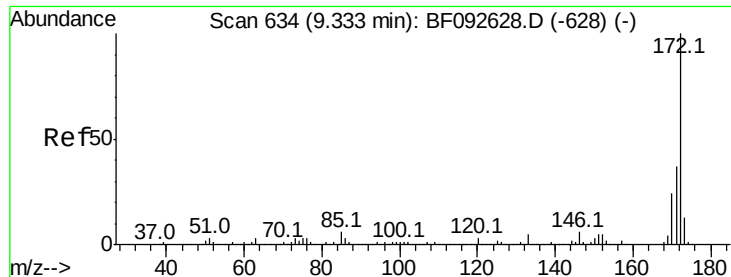
#41
 2,4,6-Tribromophenol
 Concen: 81.95 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF092714.D
 Acq: 1 Feb 2017 19:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	40.6	34.1	51.1



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

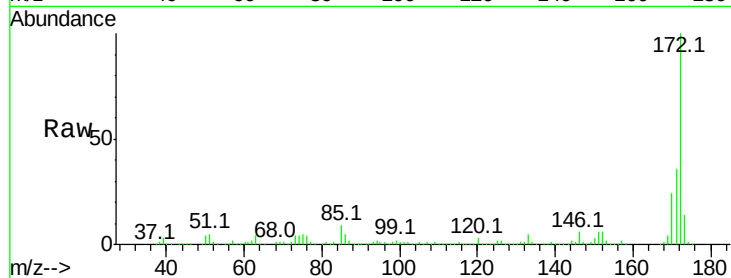




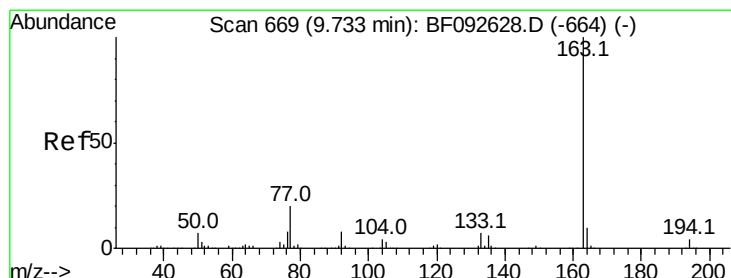
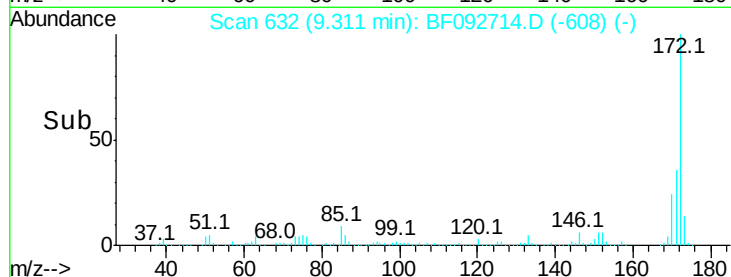
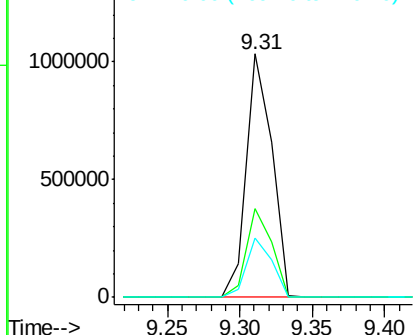
#44
2-Fluorobiphenyl
Concen: 66.40 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF092714.D
Acq: 1 Feb 2017 19:47

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tot Ion:172 Resp: 1271854
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.2 20.2 30.4

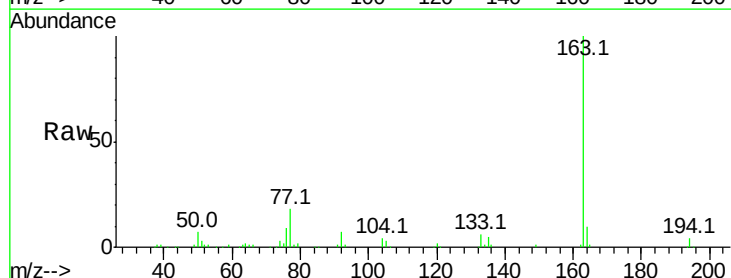


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

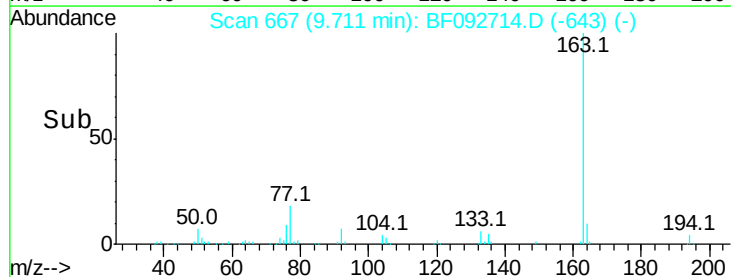
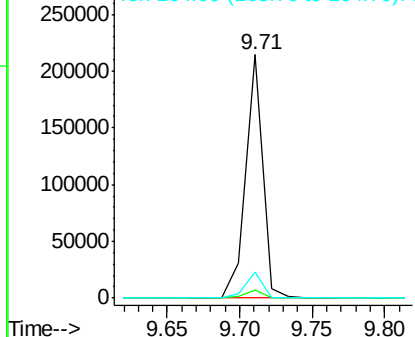


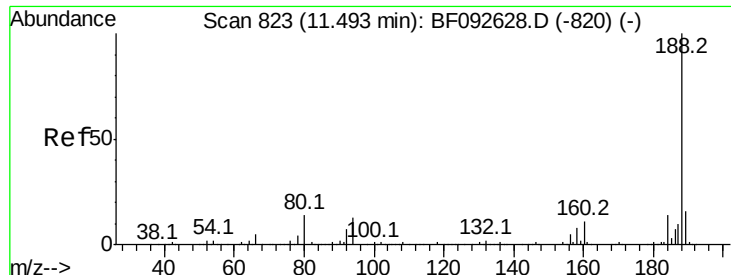
#49
Dimethylphthalate
Concen: 7.52 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092714.D
Acq: 1 Feb 2017 19:47

Tgt Ion:163 Resp: 175652
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.4 8.0 12.0



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

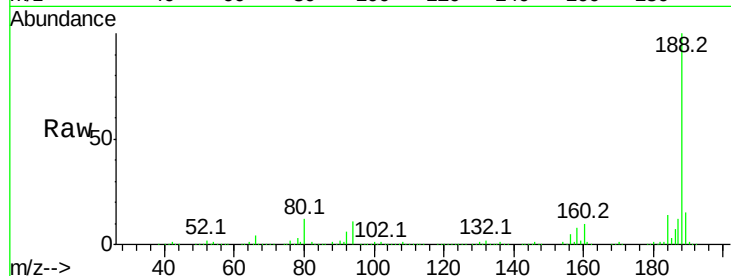




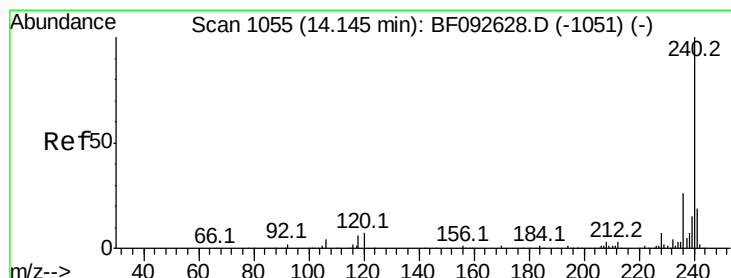
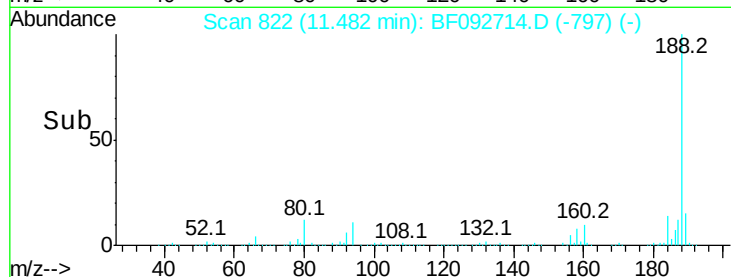
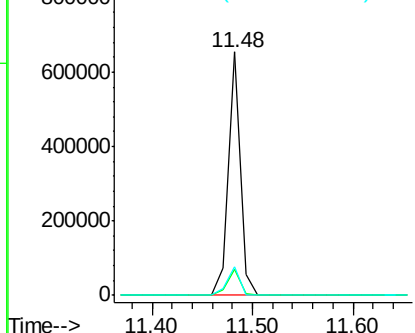
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092714.D
Acq: 1 Feb 2017 19:47

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tot Ion:188 Resp: 543395
Ion Ratio Lower Upper
188 100
94 10.8 10.0 15.0
80 11.6 11.2 16.8

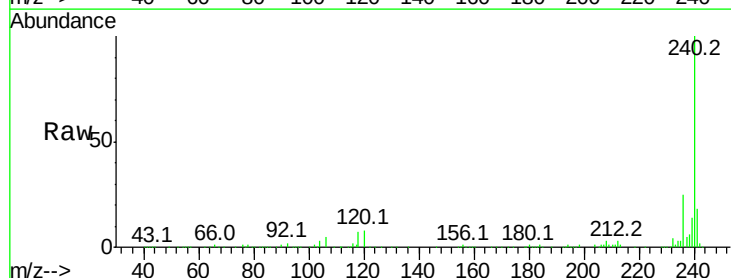


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

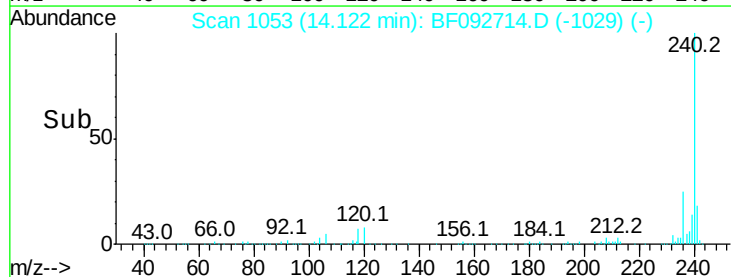
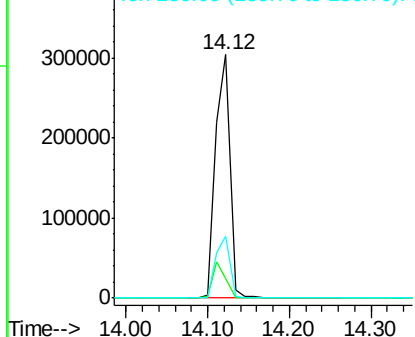


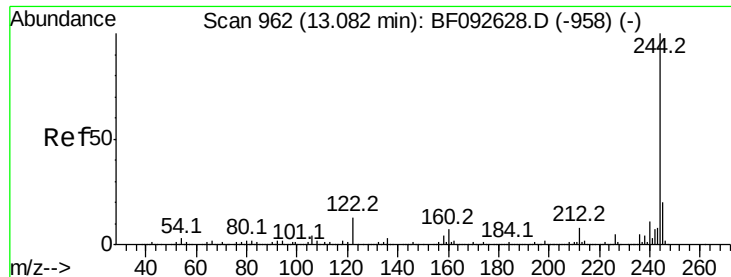
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092714.D
Acq: 1 Feb 2017 19:47

Tgt Ion:240 Resp: 373825
Ion Ratio Lower Upper
240 100
120 8.0 12.9 19.3#
236 25.2 20.9 31.3



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: 68.81 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092714.D

Acq: 1 Feb 2017 19:47

Instrument :

BNA_F

ClientSampleId :

SB-29-COMP

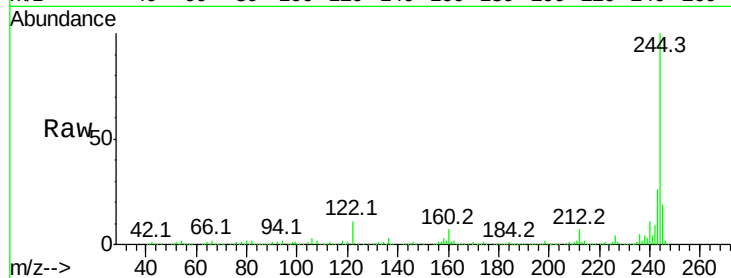
Tot Ion:244 Resp: 1094750

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

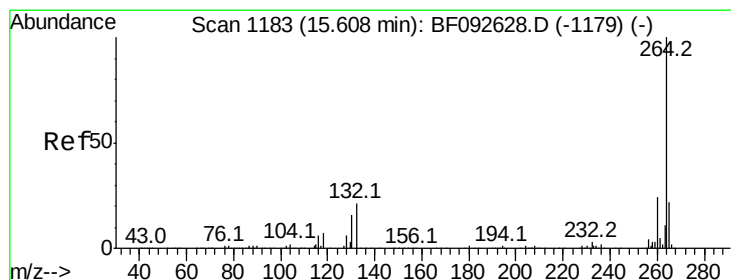
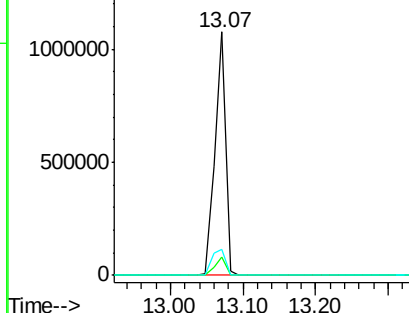
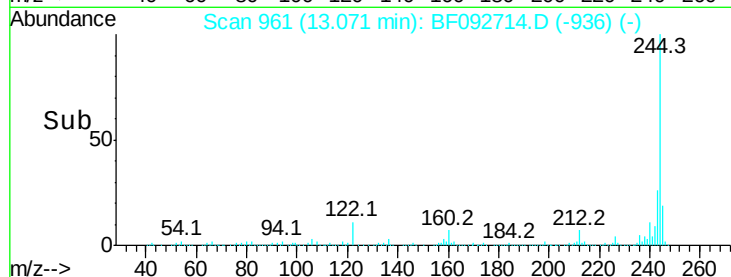
122 10.9 11.4 17.2#



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: 15.59 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF092714.D

Acq: 1 Feb 2017 19:47

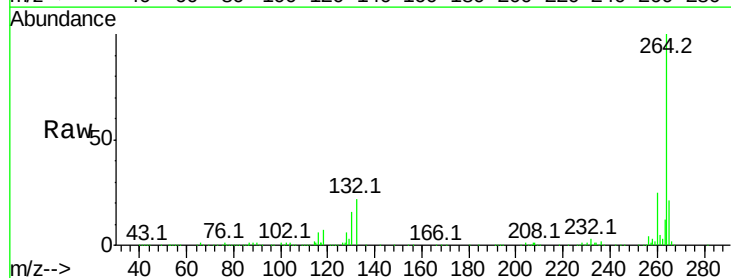
Tgt Ion:264 Resp: 283896

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.3 17.4 26.0



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

