

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
 Data File : BF095067.D
 Acq On : 10 May 2017 21:10
 Operator : SJ/MA
 Sample : I3048-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4923

Quant Time: May 11 07:13:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

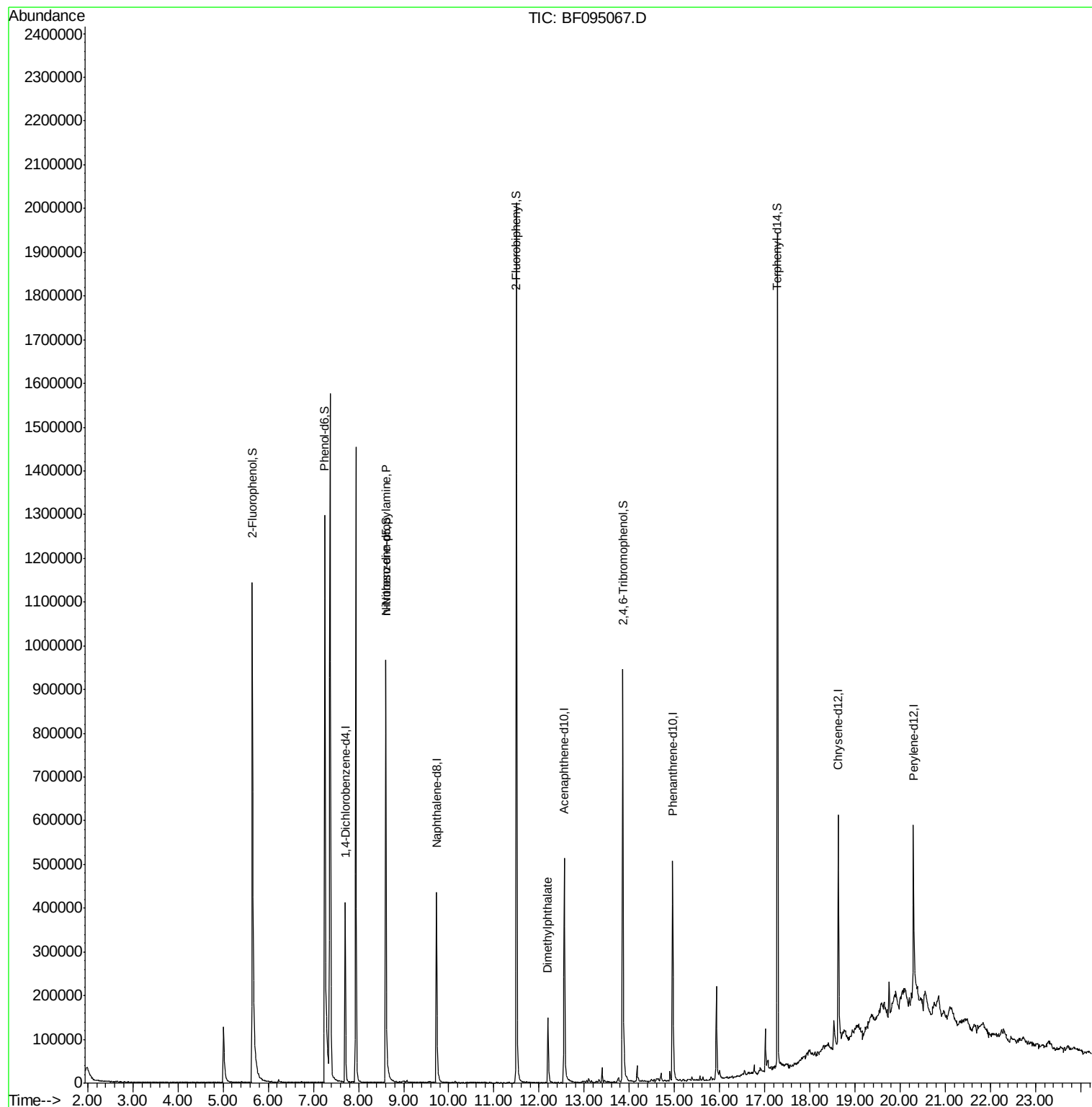
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	87461	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	351747	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	162533	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	299782	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	238790	20.00	ng	-0.02
86) Perylene-d12	20.29	264	190827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	663166	126.41	ng	-0.03
7) Phenol-d6	7.25	99	819362	130.17	ng	-0.02
23) Nitrobenzene-d5	8.61	82	470149	84.28	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	175985	132.21	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	898999	79.61	ng	-0.03
78) Terphenyl-d14	17.28	244	775482	71.53	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	60012	14.10	ng	# 73
49) Dimethylphthalate	12.19	163	105387	7.90	ng	# 99

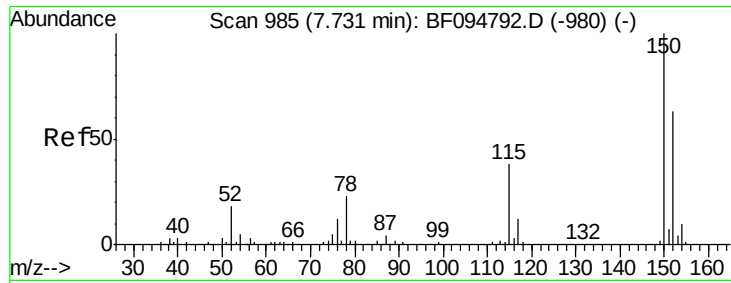
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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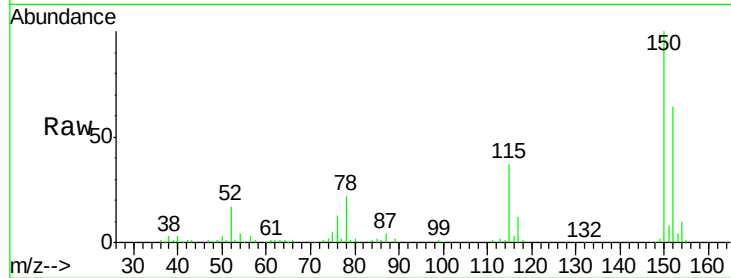


#1

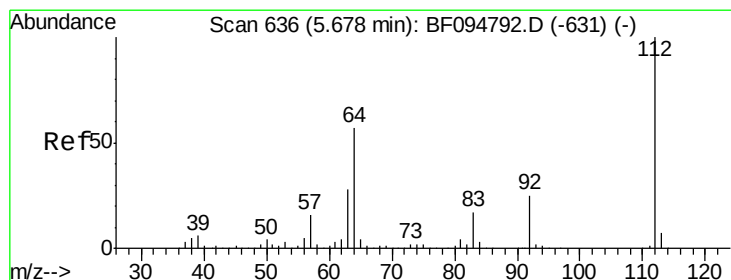
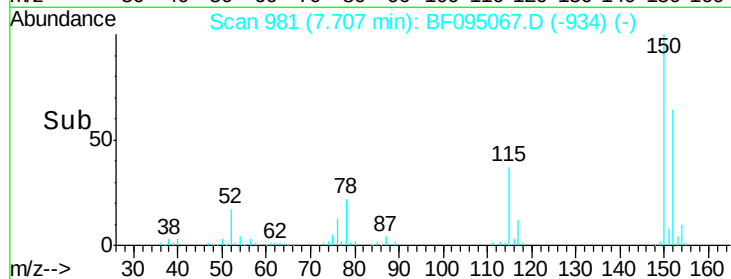
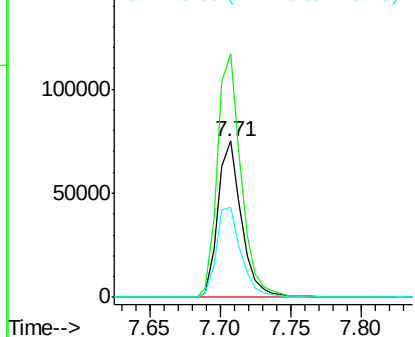
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Instrument :
BNA_F
ClientSampleId :
RO-4923

Tgt Ion:152 Resp: 87461
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 57.9 52.2 78.2



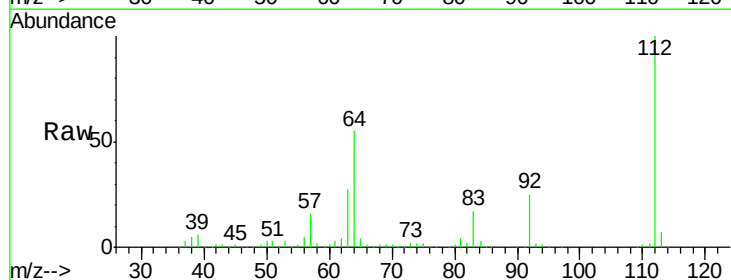
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



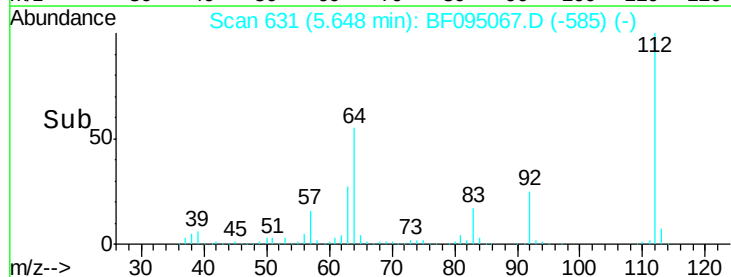
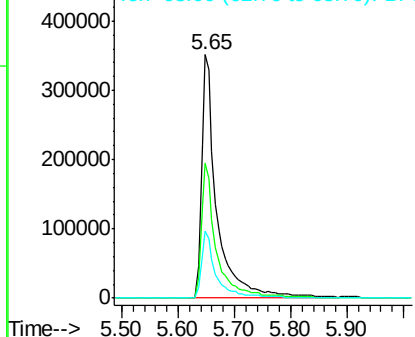
#5

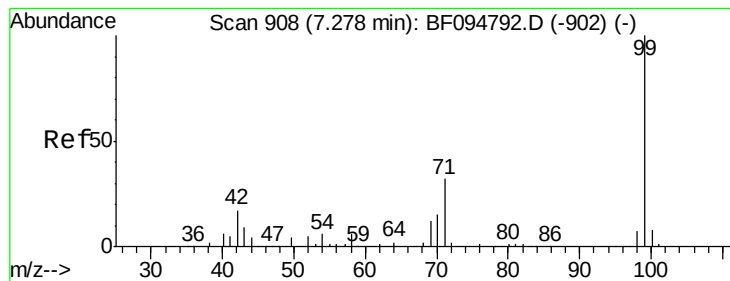
2-Fluorophenol
Concen: 126.41 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Tgt Ion:112 Resp: 663166
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.3 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: 130.17 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095067.D

Acq: 10 May 2017 21:10

Instrument :

BNA_F

ClientSampleId :

RO-4923

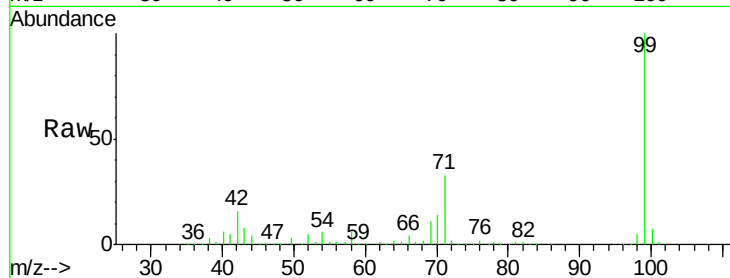
Tgt Ion: 99 Resp: 819362

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

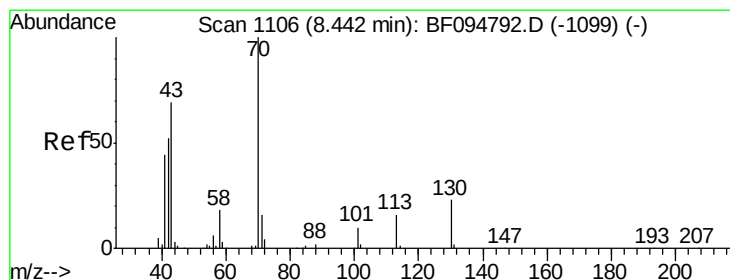
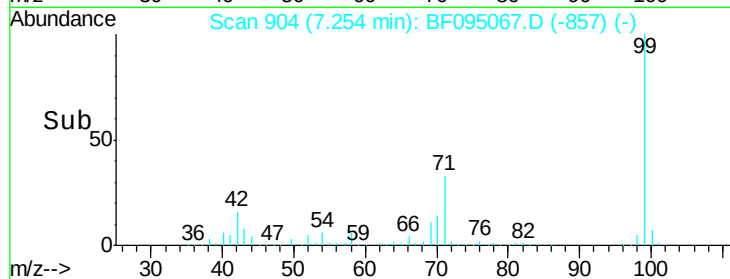
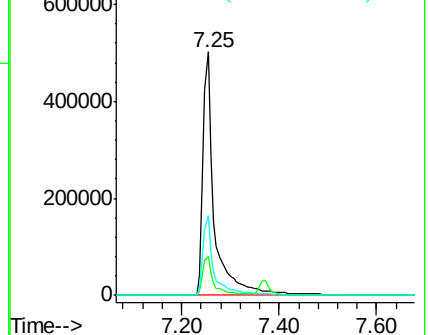
71 32.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.10 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095067.D

Acq: 10 May 2017 21:10

Tgt Ion: 70 Resp: 60012

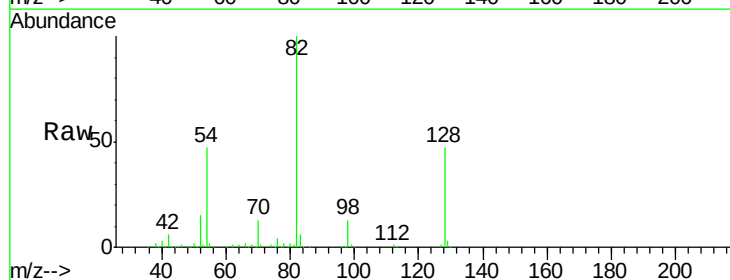
Ion Ratio Lower Upper

70 100

42 40.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

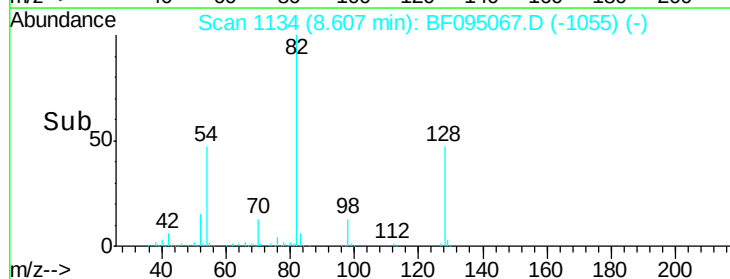
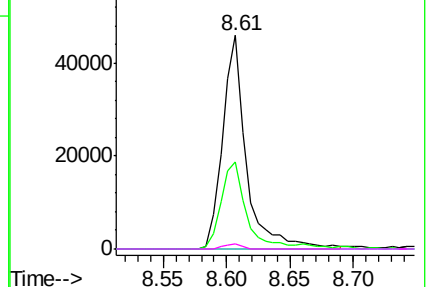


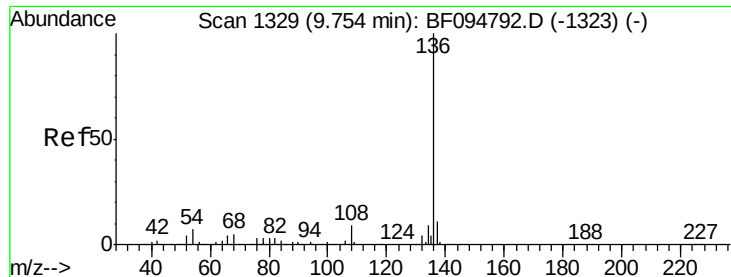
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

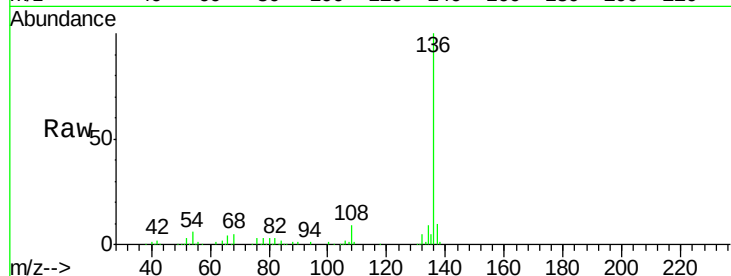




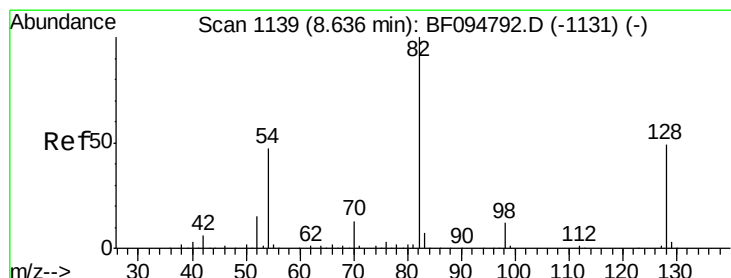
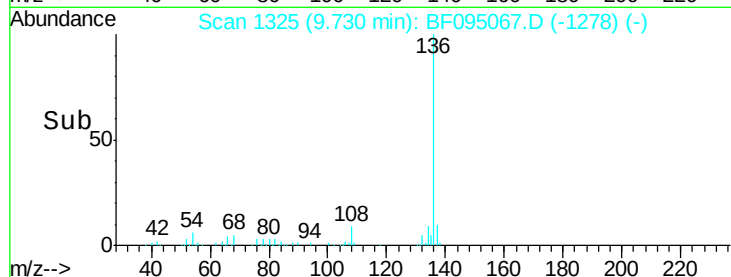
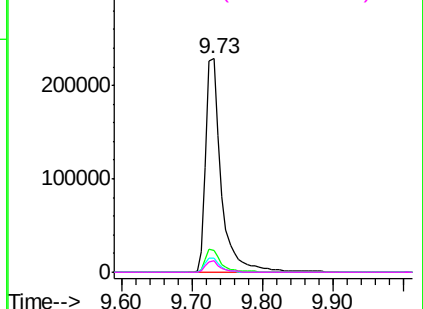
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Instrument :
BNA_F
ClientSampleId :
RO-4923

Tgt Ion:	136	Resp:	351747
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.5	4.9	7.3
68	5.2	4.1	6.1

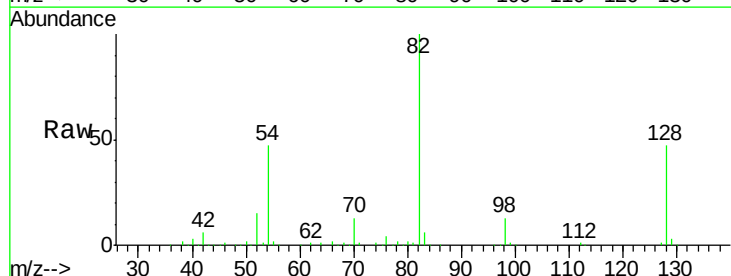


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

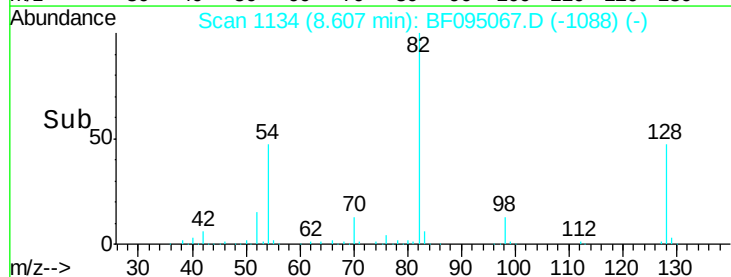
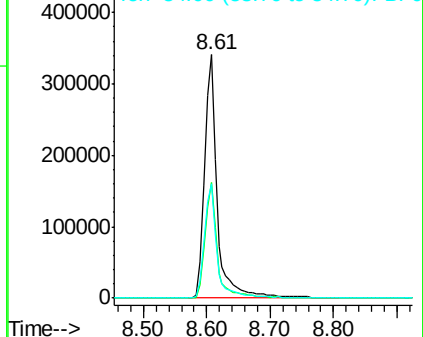


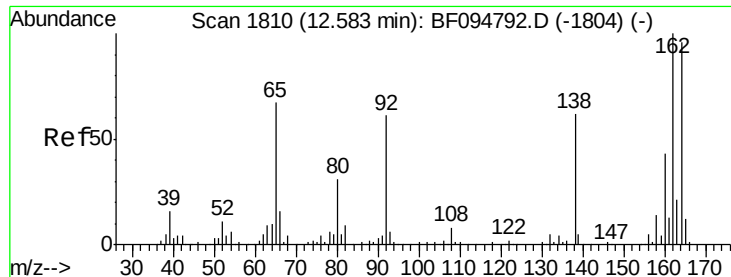
#23
Nitrobenzene-d5
Concen: 84.28 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Tgt Ion:	82	Resp:	470149
Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	47.2	42.2	63.2



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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095067.D

Acq: 10 May 2017 21:10

Instrument :

BNA_F

ClientSampleId :

RO-4923

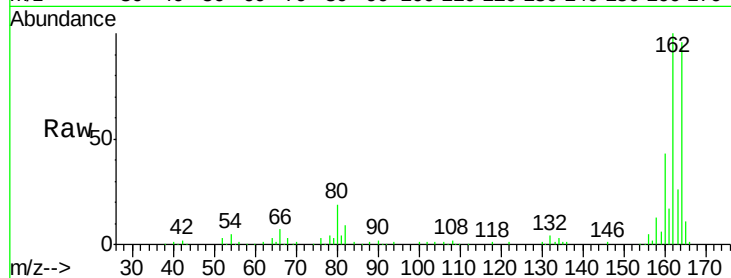
Tgt Ion:164 Resp: 162533

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

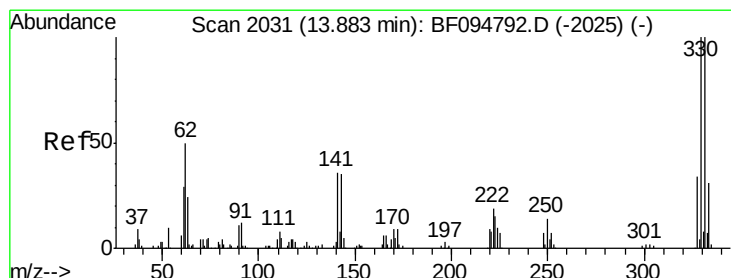
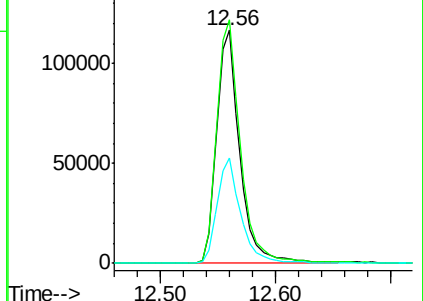
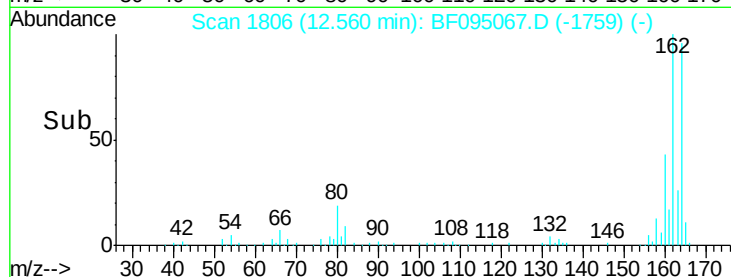
160 45.1 36.2 54.2



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: 132.21 ng

RT: 13.85 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF095067.D

Acq: 10 May 2017 21:10

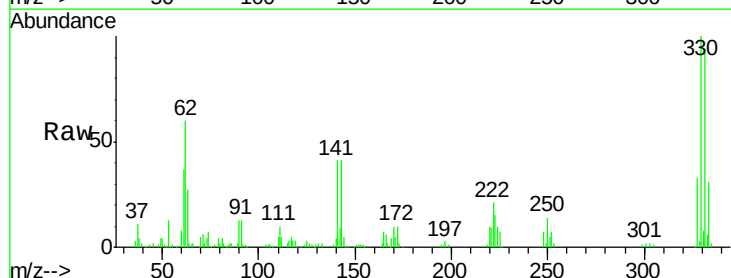
Tgt Ion:330 Resp: 175985

Ion Ratio Lower Upper

330 100

332 94.5 76.6 115.0

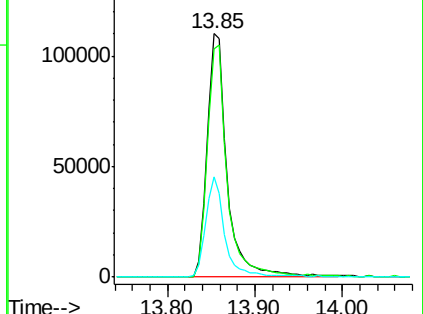
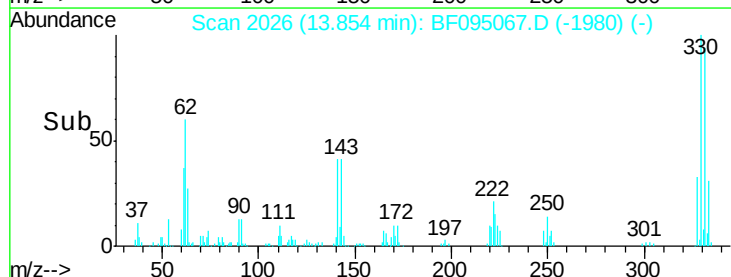
141 39.6 31.4 47.2

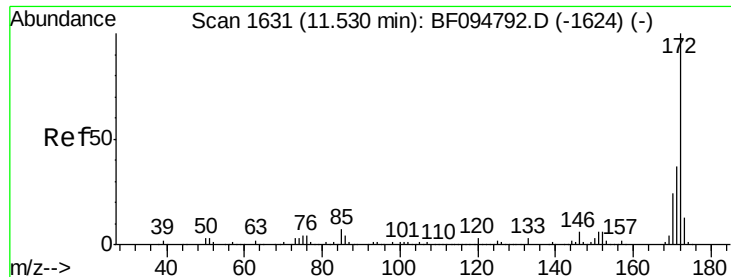


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

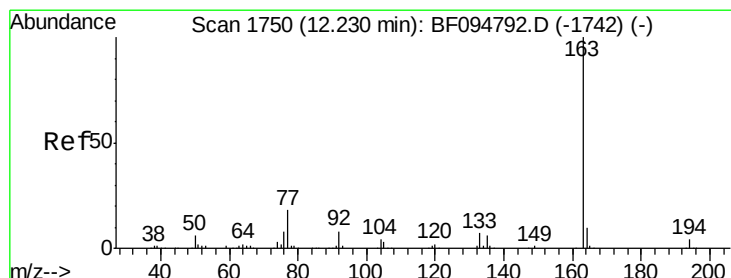
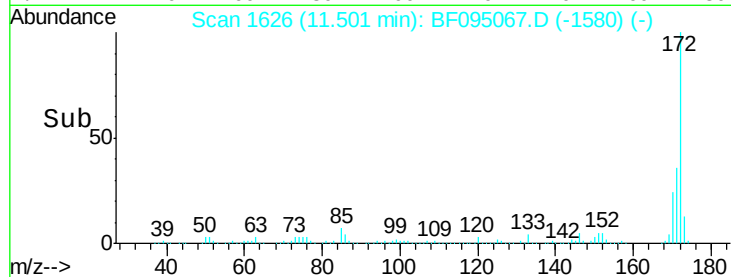
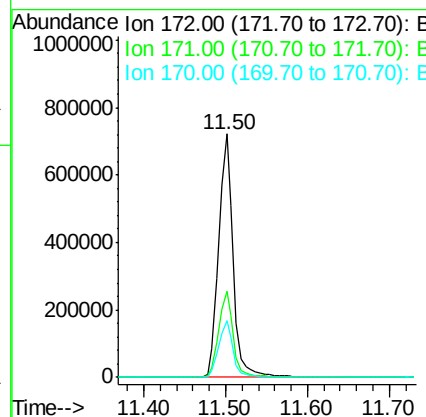
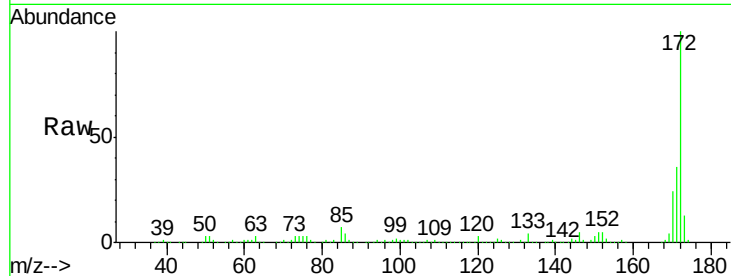




#44
2-Fluorobiphenyl
Concen: 79.61 ng
RT: 11.50 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

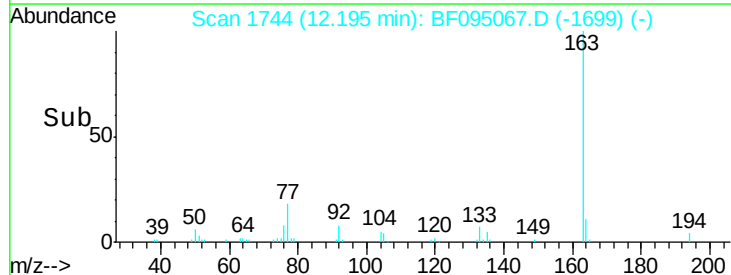
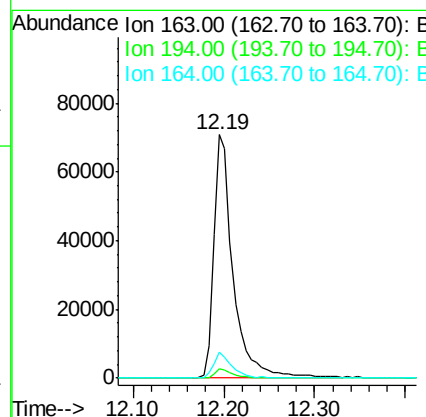
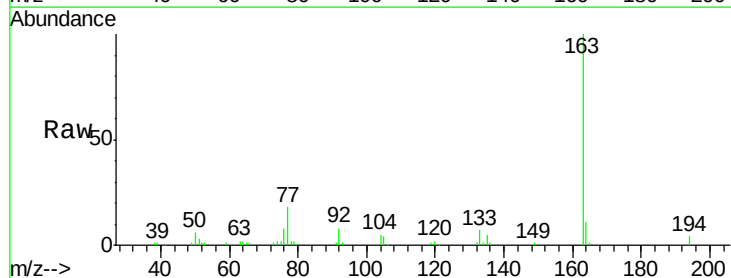
Instrument :
BNA_F
ClientSampleId :
RO-4923

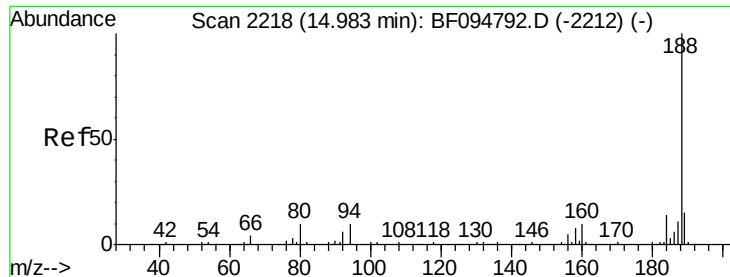
Tgt Ion:172 Resp: 898999
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 7.90 ng
RT: 12.19 min Scan# 1744
Delta R.T. -0.04 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Tgt Ion:163 Resp: 105387
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.9 8.4 12.6

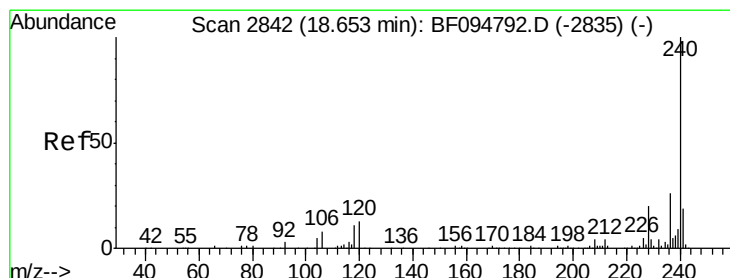
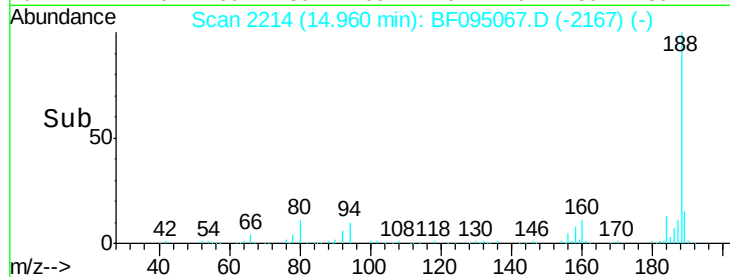
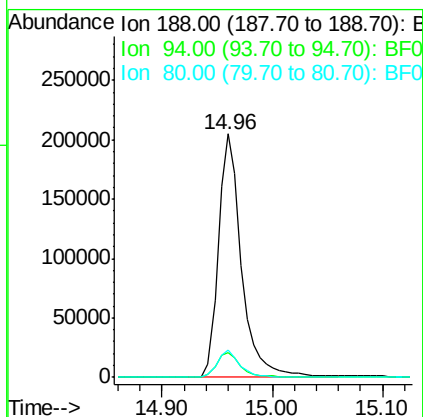
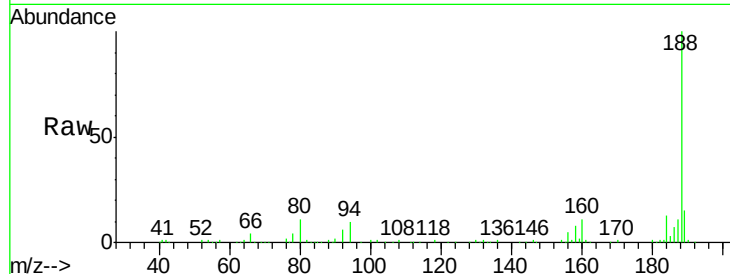




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

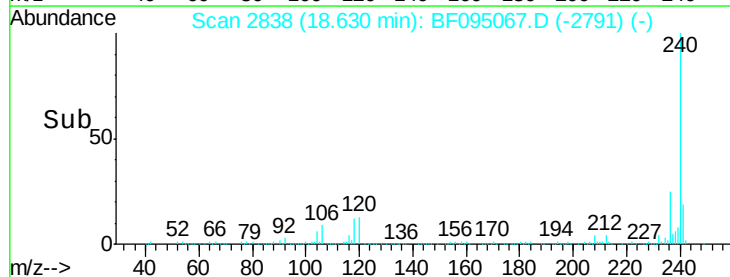
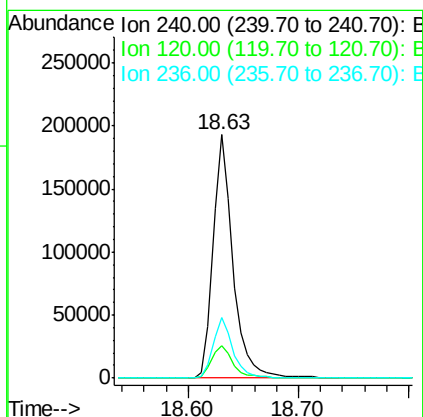
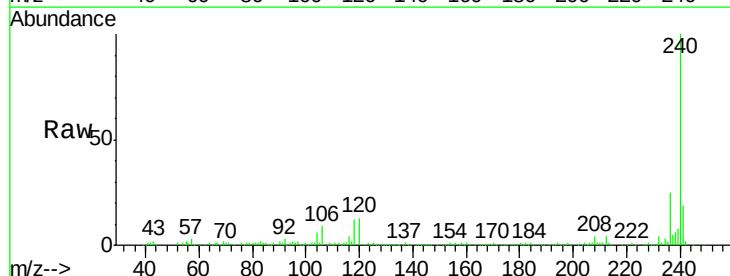
Instrument :
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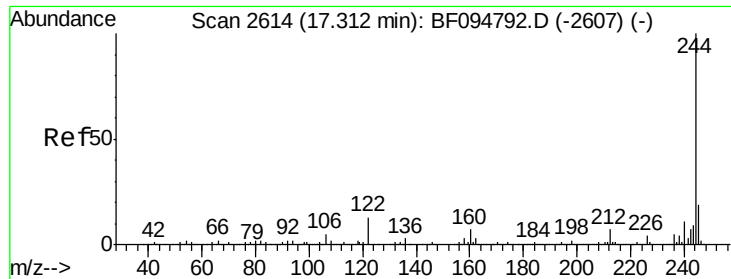
Tgt Ion:188 Resp: 299782
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Tgt Ion:240 Resp: 238790
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.7 20.5 30.7

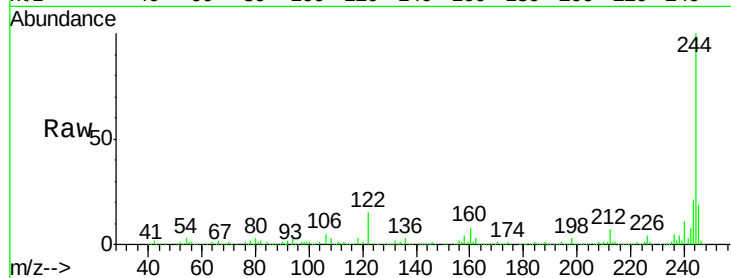




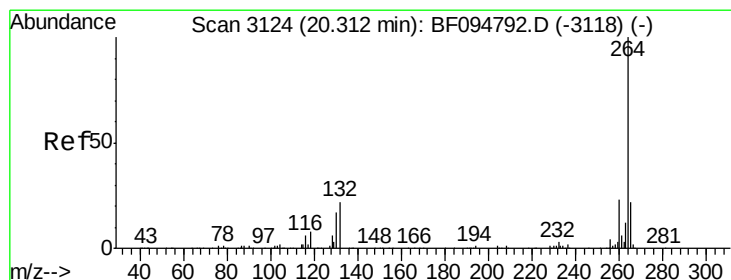
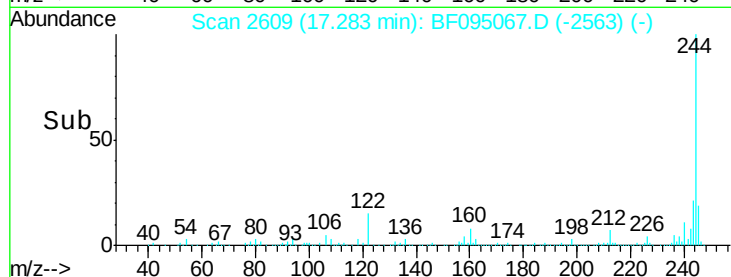
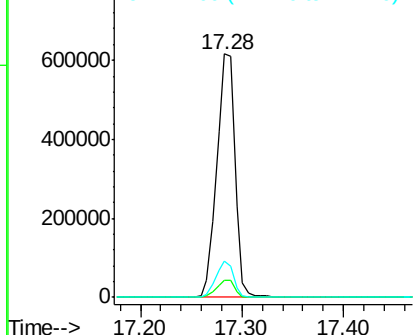
#78
 Terphenyl-d14
 Concen: 71.53 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095067.D
 Acq: 10 May 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 RO-4923

Tgt Ion:244 Resp: 775482
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.7 10.3 15.5

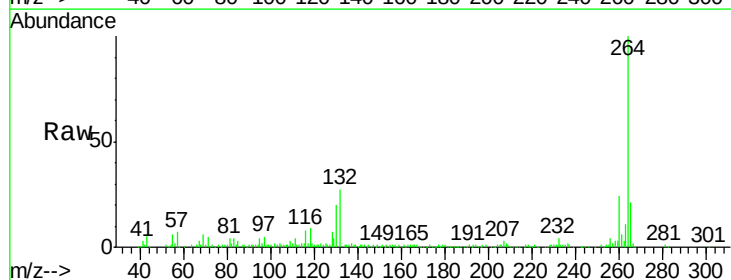


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095067.D
 Acq: 10 May 2017 21:10

Tgt Ion:264 Resp: 190827
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.3 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

