

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089194.D
 Acq On : 22 Jul 2016 13:40
 Operator : UM/SJ
 Sample : H4089-02DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11DL

Quant Time: Jul 22 15:58:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

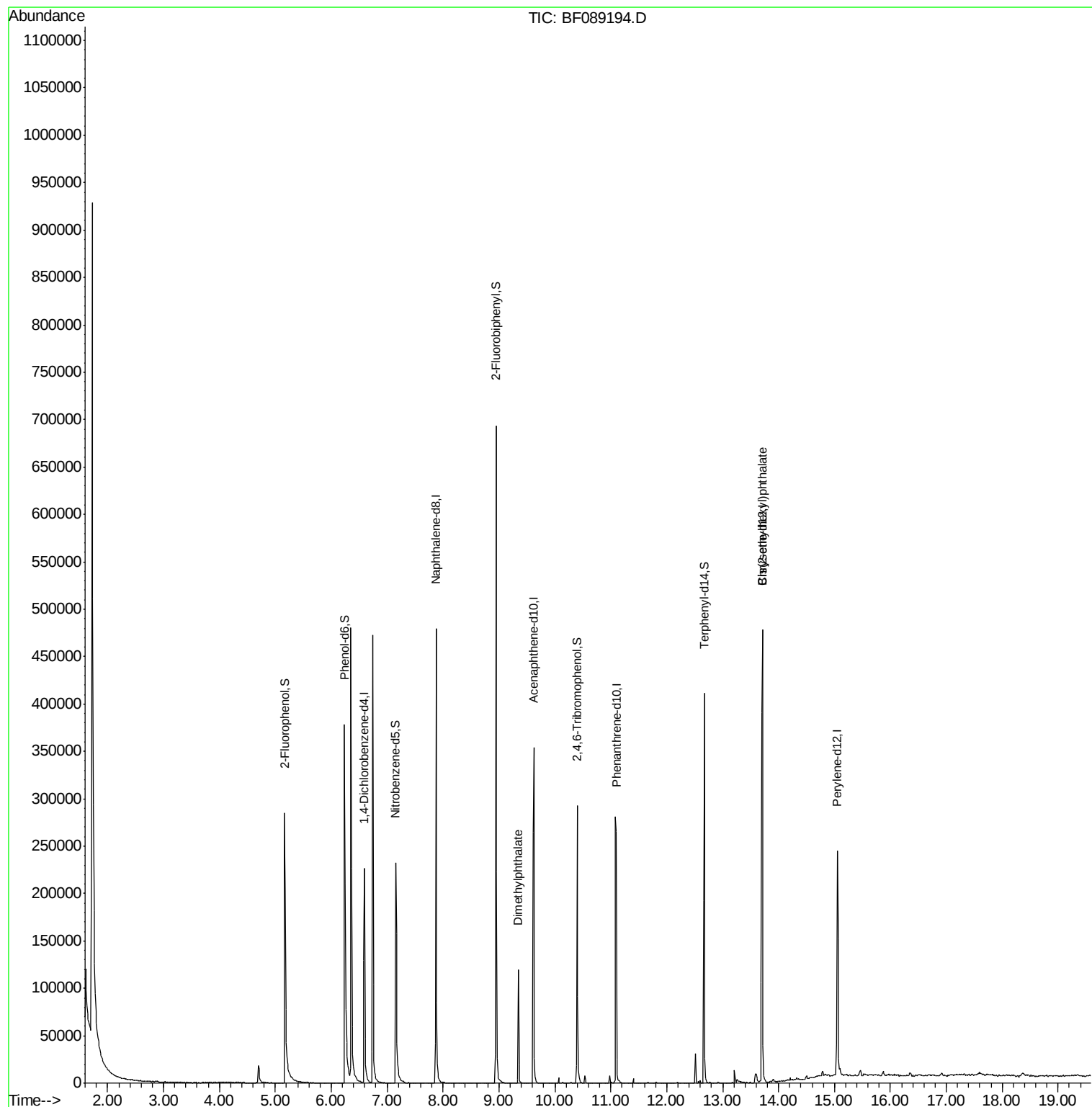
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	51593	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	231169	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	96812	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	167493	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	100109	20.00	ng	-0.01
86) Perylene-d12	15.05	264	111121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	153749	45.32	ng	-0.02
7) Phenol-d6	6.24	99	214779	49.10	ng	-0.03
23) Nitrobenzene-d5	7.15	82	128851	29.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	31568	36.22	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	240301	34.20	ng	-0.02
78) Terphenyl-d14	12.67	244	149236	32.33	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.35	163	49373	6.65	ng	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	173653	37.43	ng	95

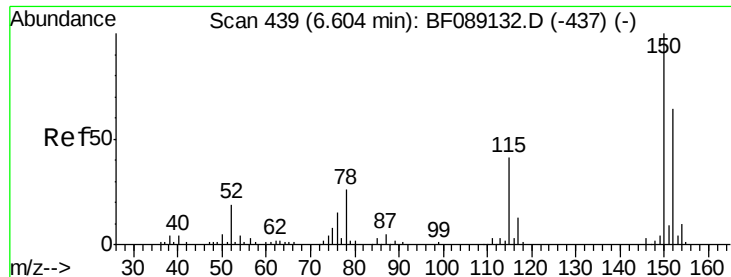
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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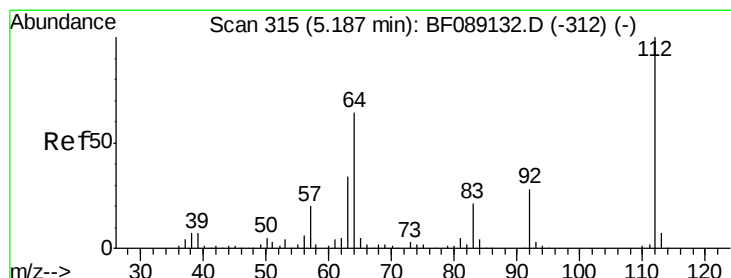
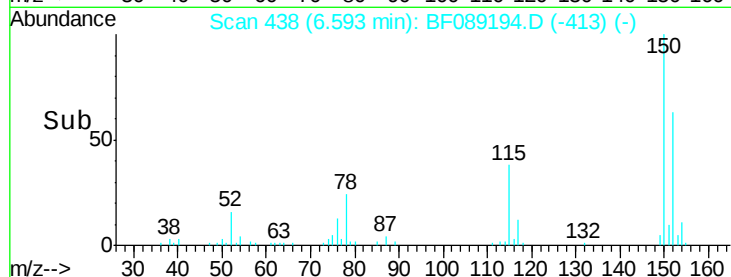
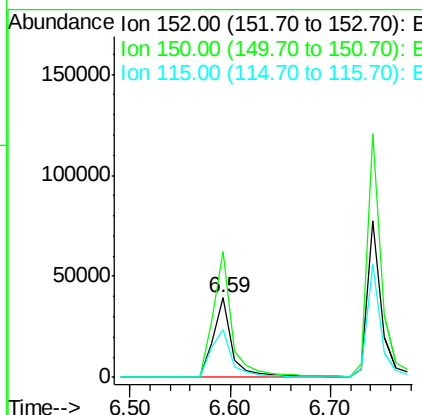
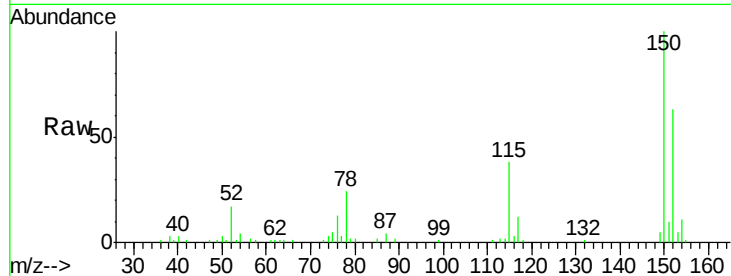




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

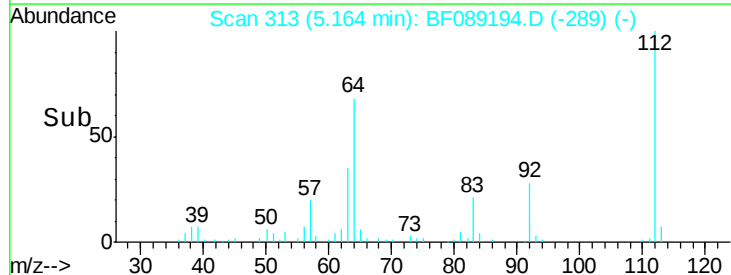
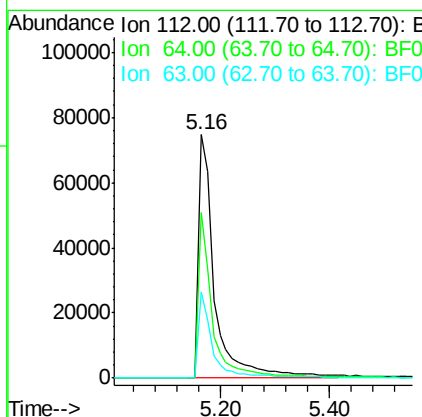
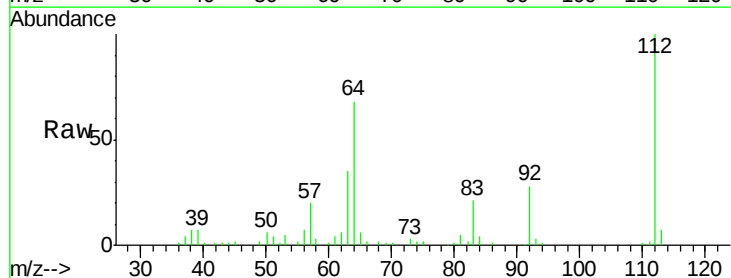
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11DL

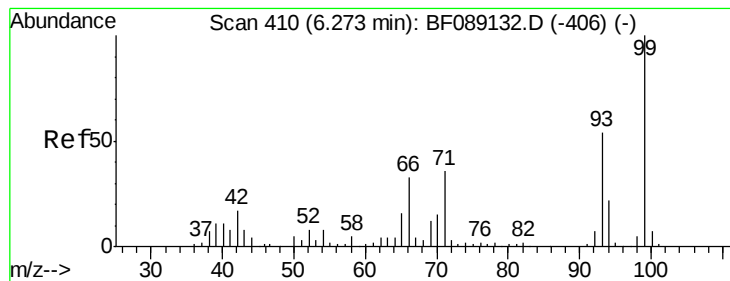
Tgt Ion:152 Resp: 51593
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.1 187.7
 115 60.4 51.1 76.7



#5
 2-Fluorophenol
 Concen: 45.32 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

Tgt Ion:112 Resp: 153749
 Ion Ratio Lower Upper
 112 100
 64 68.0 51.0 76.4
 63 35.3 27.3 40.9





#7

Phenol-d6

Concen: 49.10 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

Instrument :

BNA_F

ClientSampleId :

LOCATION-33A-9-11DL

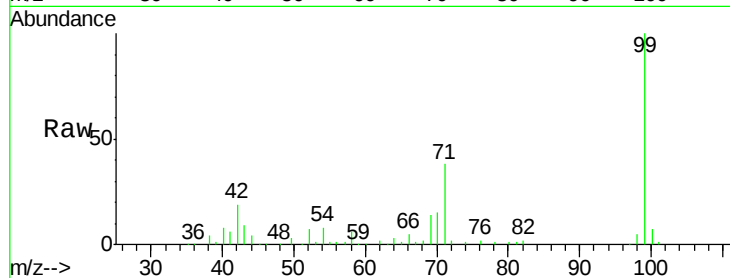
Tgt Ion: 99 Resp: 214779

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

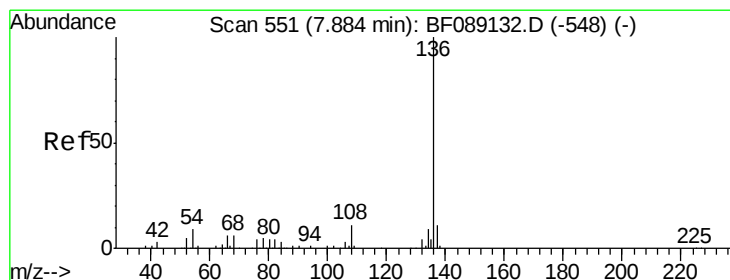
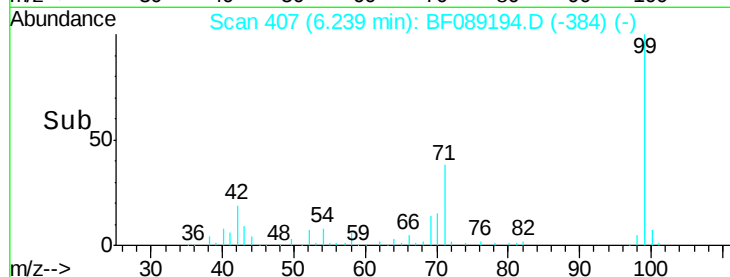
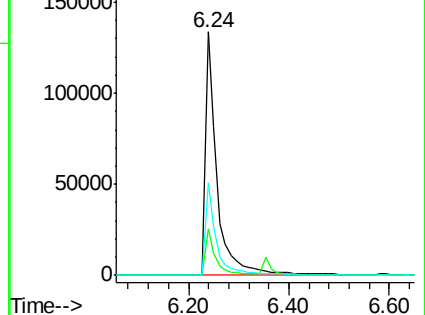
71 38.2 28.9 43.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

Tgt Ion: 136 Resp: 231169

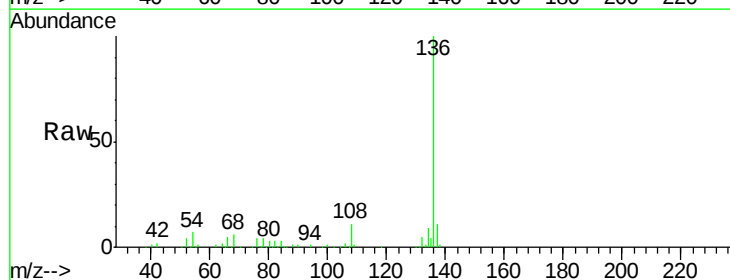
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.5 7.0 10.4

68 5.9 5.0 7.6

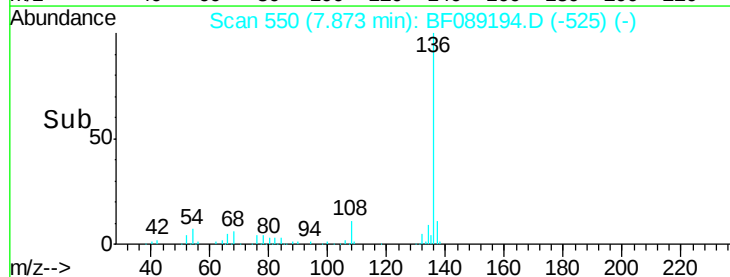
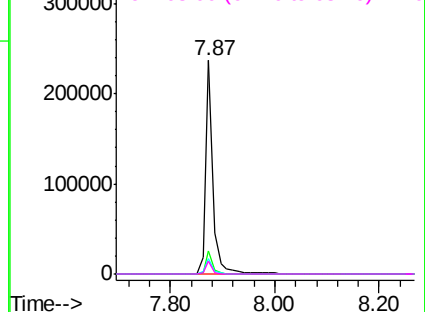


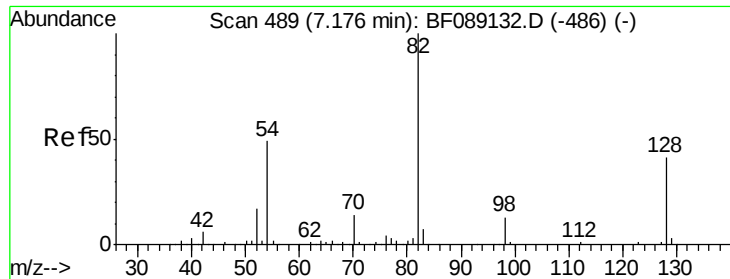
Abundance Ion 136.00 (135.70 to 136.70): E

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

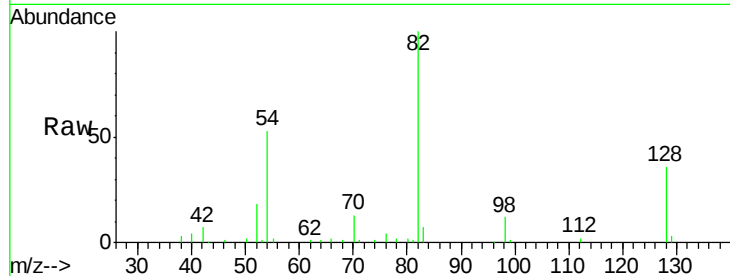




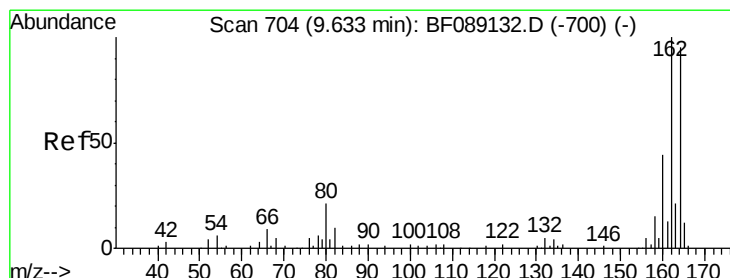
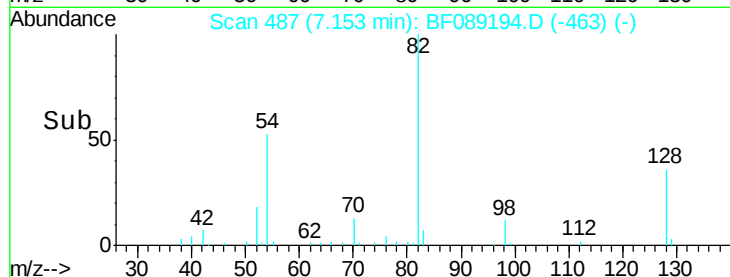
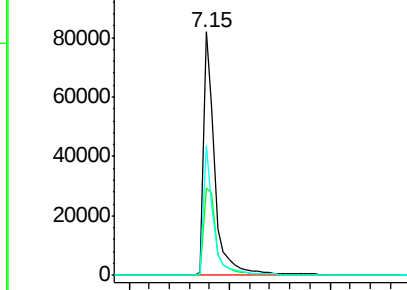
#23
 Nitrobenzene-d5
 Concen: 29.62 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11DL

Tgt Ion: 82 Resp: 128851
 Ion Ratio Lower Upper
 82 100
 128 35.8 33.0 49.6
 54 53.4 39.0 58.4

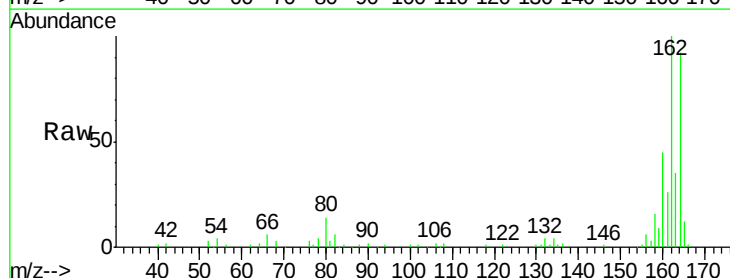


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

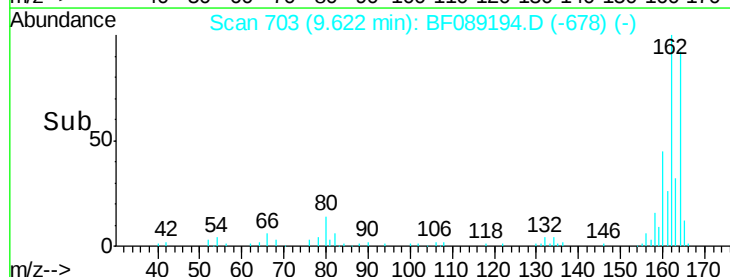
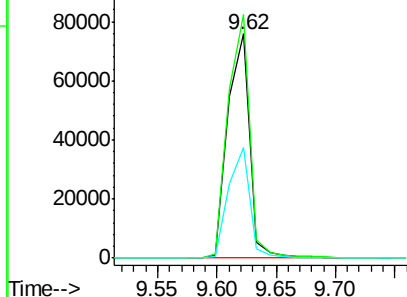


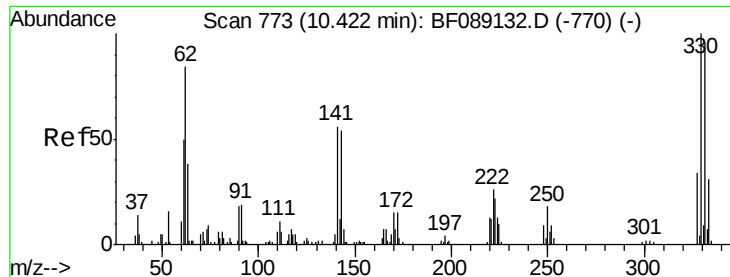
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

Tgt Ion: 164 Resp: 96812
 Ion Ratio Lower Upper
 164 100
 162 108.5 84.1 126.1
 160 49.2 37.1 55.7



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

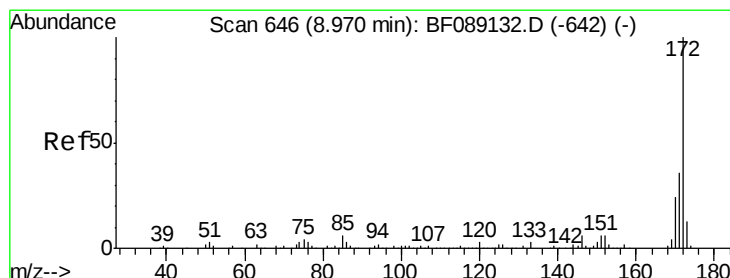
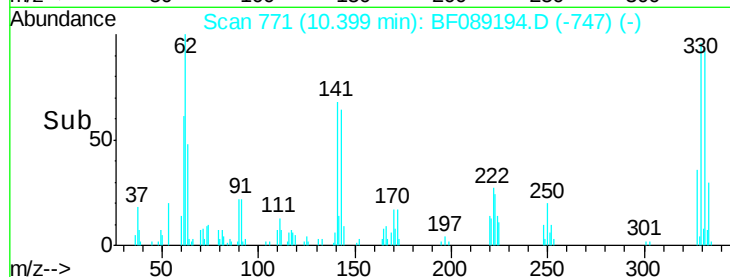
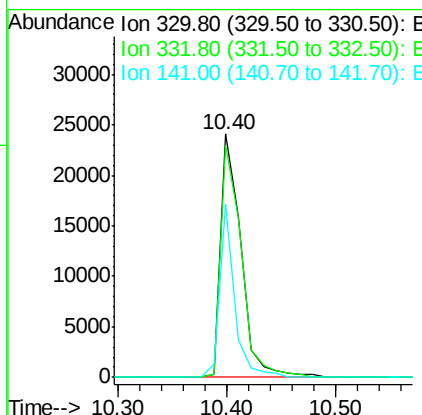
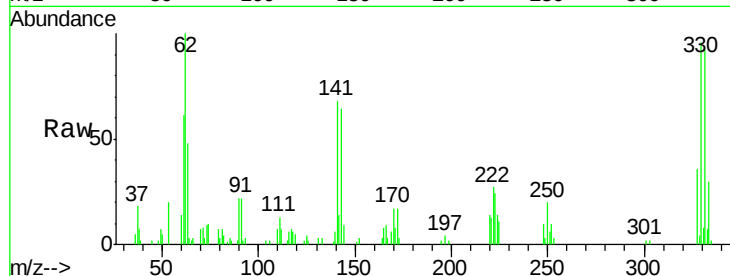




#41
 2,4,6-Tribromophenol
 Concen: 36.22 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

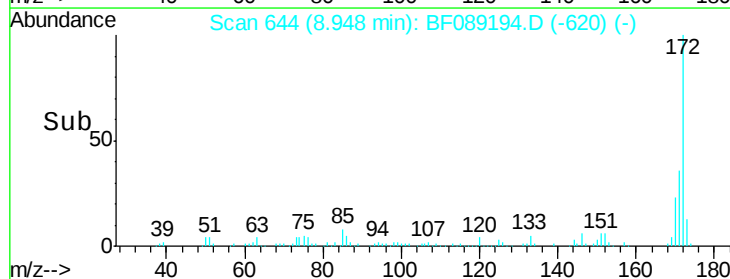
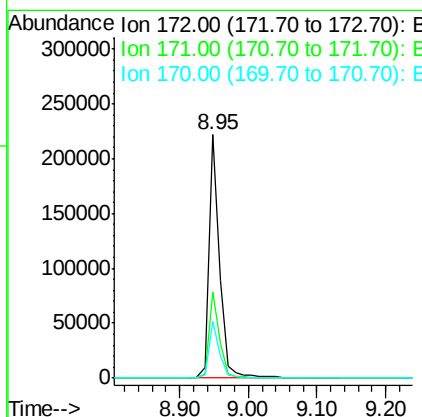
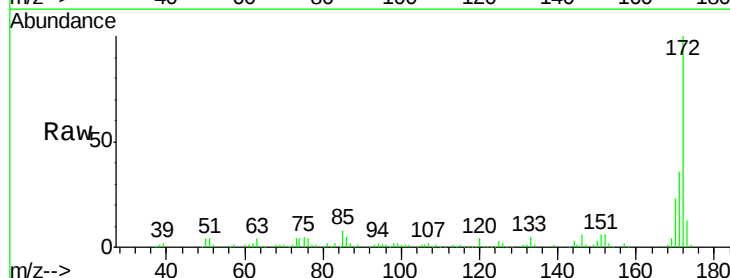
Instrument :
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 ClientSampleId :
 LOCATION-33A-9-11DL

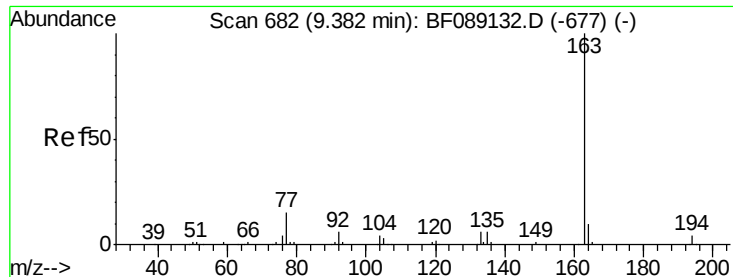
Tgt Ion:330 Resp: 31568
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.2 115.8
 141 52.2 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 34.20 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

Tgt Ion:172 Resp: 240301
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.4 19.1 28.7

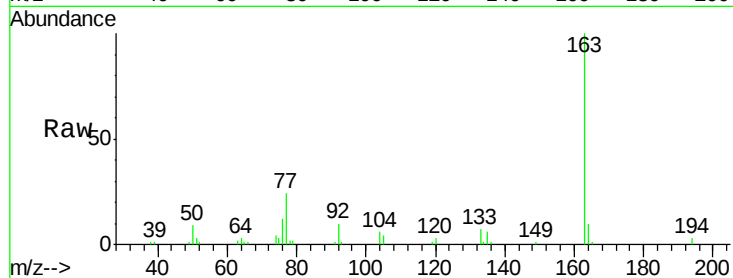




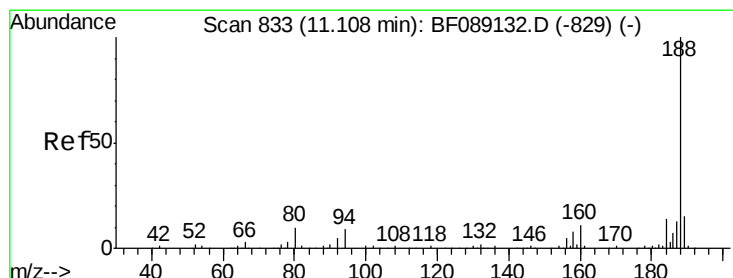
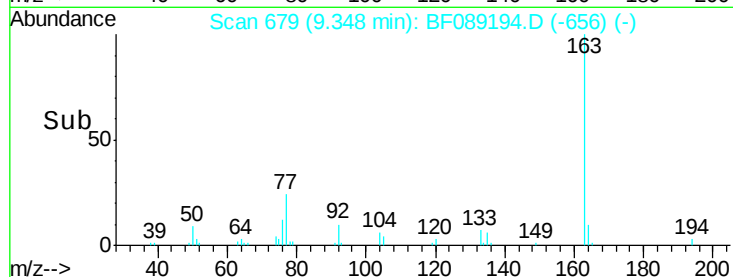
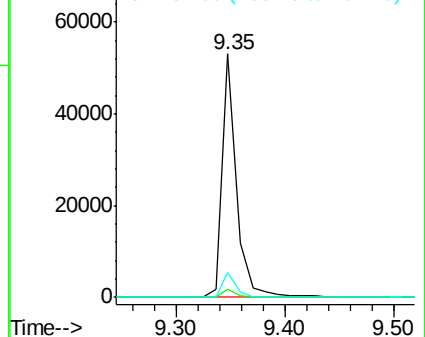
#49
Dimethylphthalate
Concen: 6.65 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Instrument :
BNA_F
ClientSampleId :
LOCATION-33A-9-11DL

Tgt Ion:163 Resp: 49373
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.3 7.6 11.4

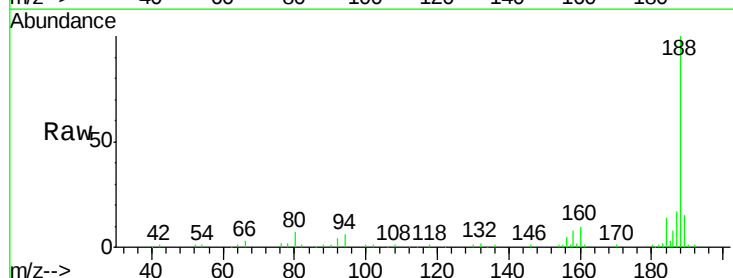


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

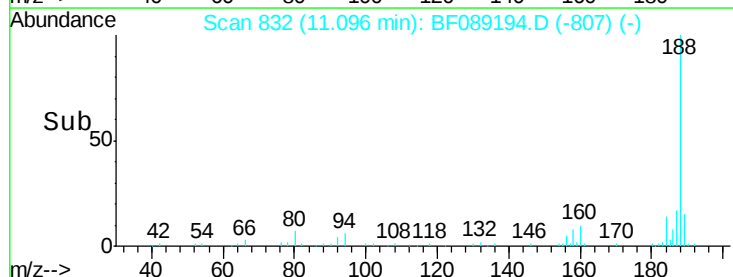
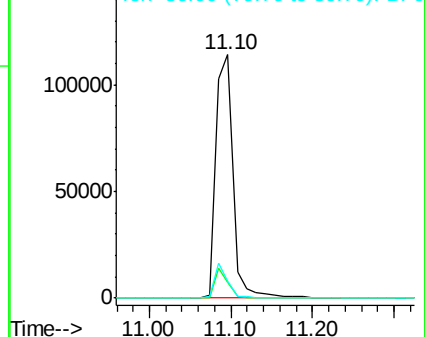


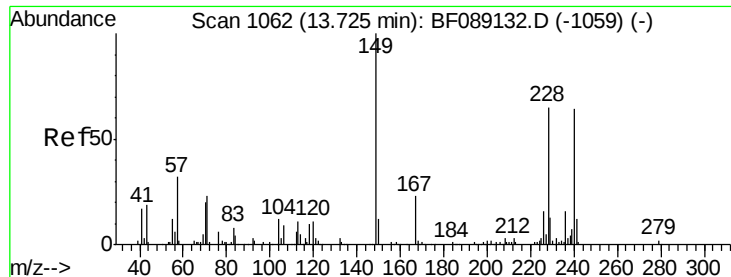
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Tgt Ion:188 Resp: 167493
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.4#
80 7.2 7.7 11.5#



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

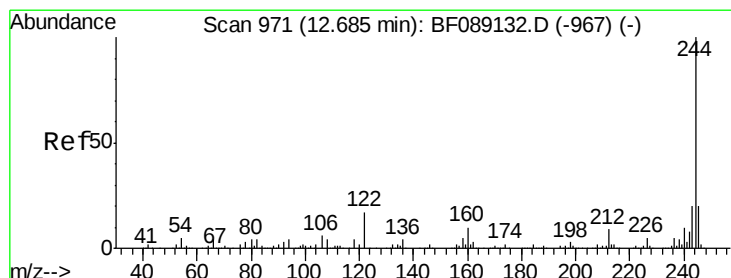
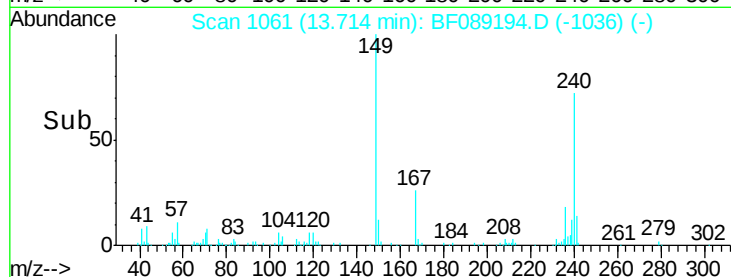
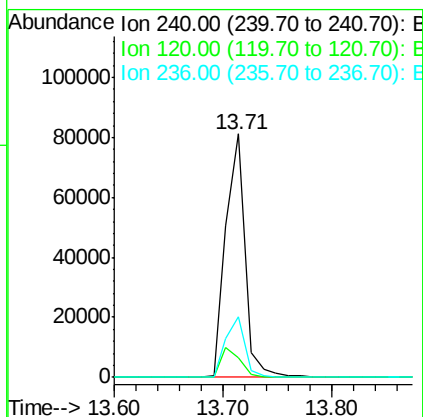
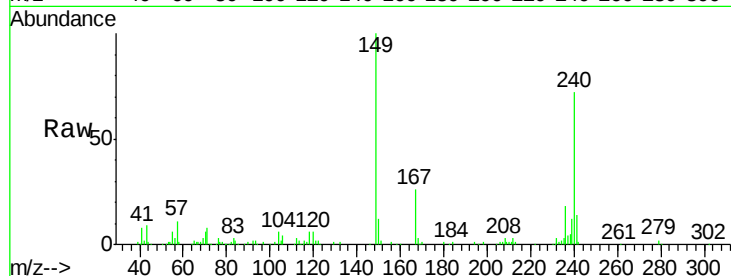




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

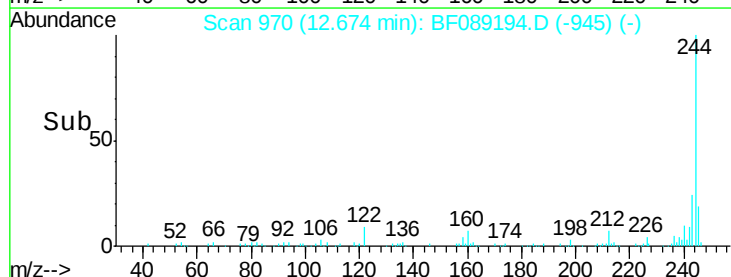
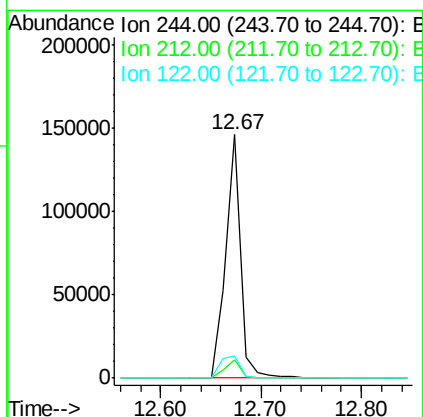
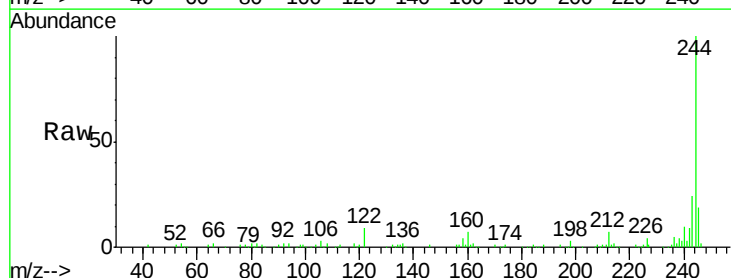
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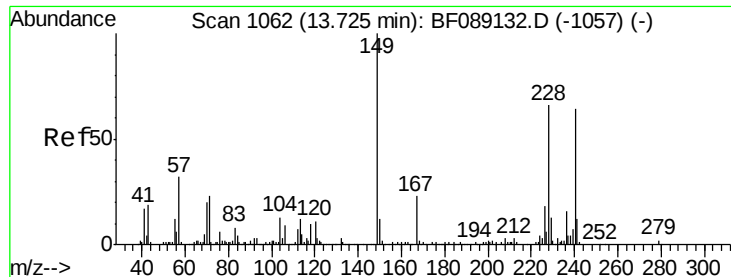
Tgt Ion:240 Resp: 100109
Ion Ratio Lower Upper
240 100
120 8.2 13.6 20.4#
236 25.0 20.5 30.7



#78
Terphenyl-d14
Concen: 32.33 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Tgt Ion:244 Resp: 149236
Ion Ratio Lower Upper
244 100
212 7.4 7.0 10.4
122 9.2 13.8 20.8#

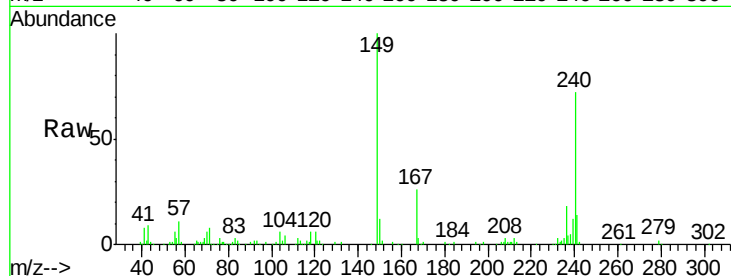




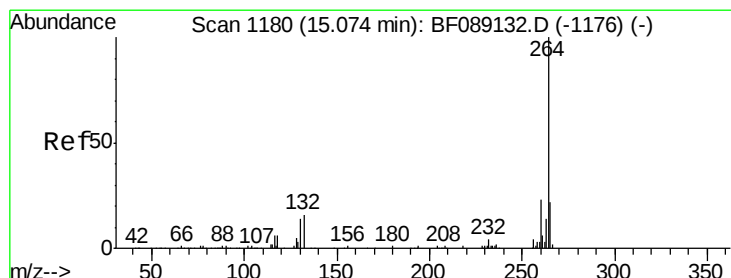
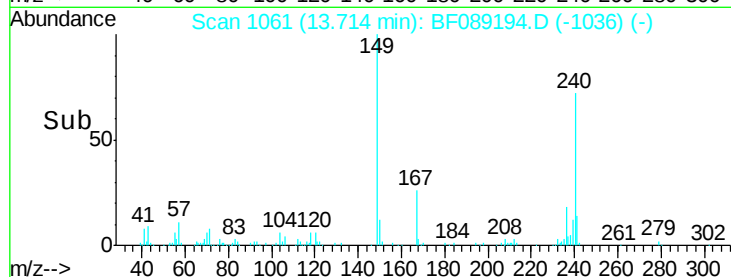
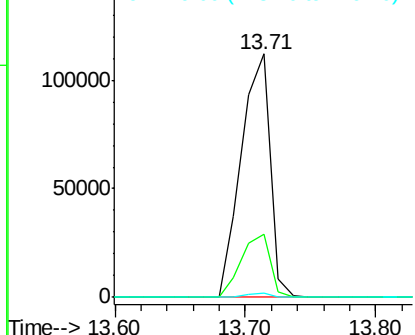
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.43 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11DL

Tgt Ion:149 Resp: 173653
 Ion Ratio Lower Upper
 149 100
 167 26.2 18.6 28.0
 279 1.8 1.6 2.4

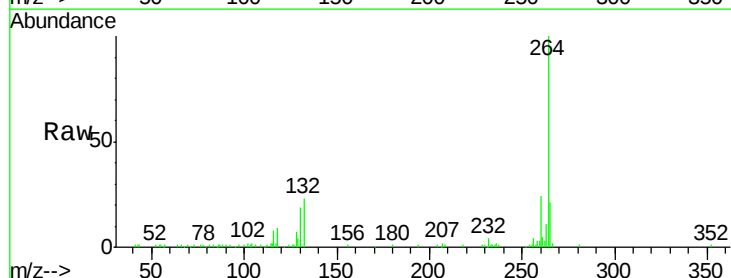


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

Tgt Ion:264 Resp: 111121
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 21.1 17.3 25.9



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

