

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089120.D
 Acq On : 19 Jul 2016 16:10
 Operator : UM/SJ
 Sample : H4046-20DL 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C5-3DL

Quant Time: Jul 20 02:14:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

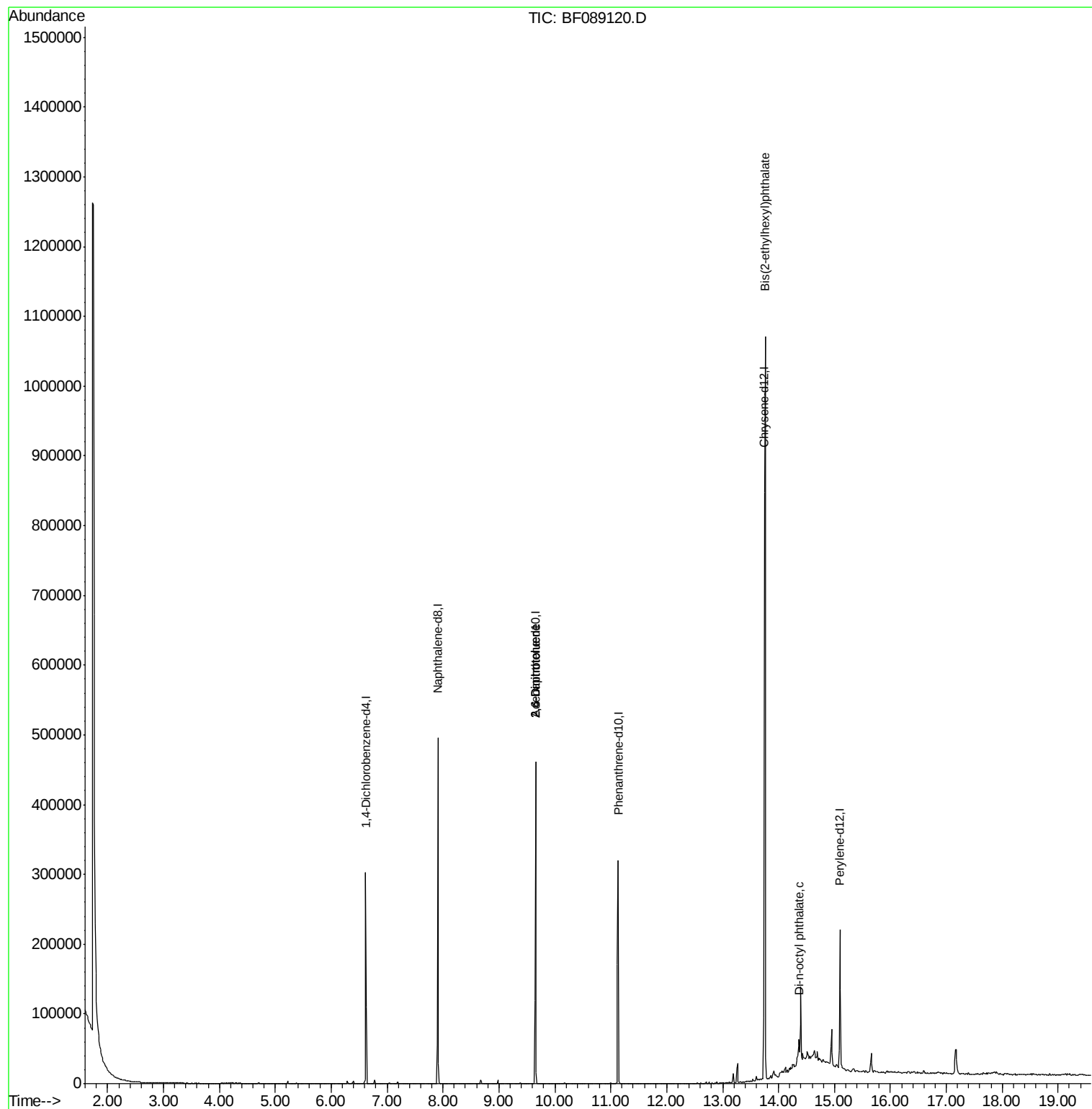
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	46923	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	198428	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	88757	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	137443	20.00	ng	0.00
75) Chrysene-d12	13.75	240	93525	20.00	ng	-0.01
86) Perylene-d12	15.10	264	84043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1523	0.49	ng	0.01
7) Phenol-d6	6.28	99	2094	0.52	ng	0.00
23) Nitrobenzene-d5	7.19	82	1250	0.33	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.98	172	2721	0.48	ng	-0.01
78) Terphenyl-d14	12.71	244	1638	0.39	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.66	165	10845	7.74	ng	# 37
56) 2,4-Dinitrotoluene	9.66	165	10845	5.92	ng	# 36
83) Bis(2-ethylhexyl)phthalate	13.76	149	358506	88.78	ng	# 99
84) Di-n-octyl phthalate	14.37	149	49530	7.22	ng	# 100

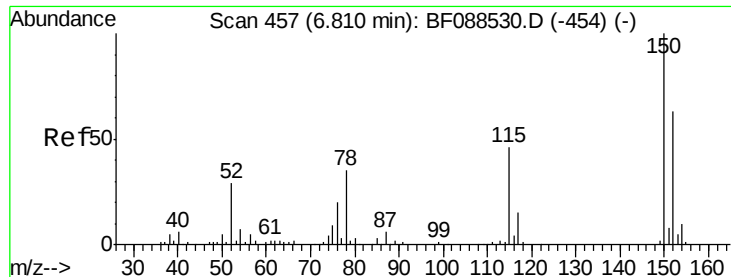
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 19 15:28:17 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF089120.D

Acq: 19 Jul 2016 16:10

Instrument :

BNA_F

ClientSampleId :

C5-3DL

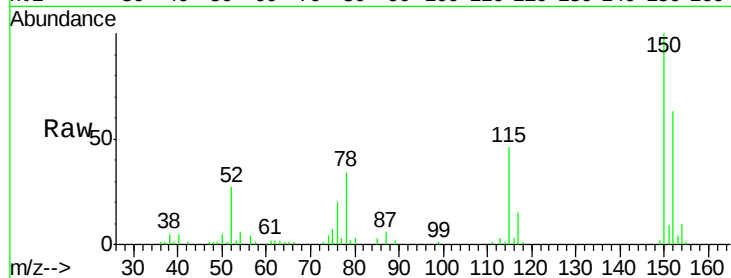
Tgt Ion:152 Resp: 46923

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

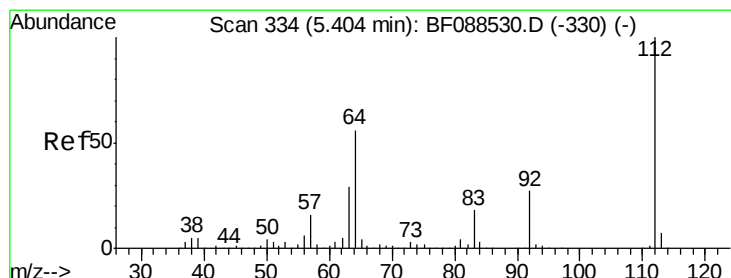
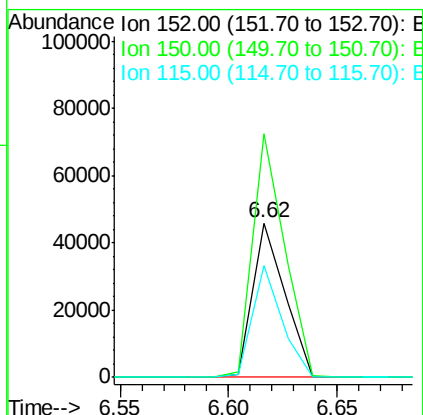
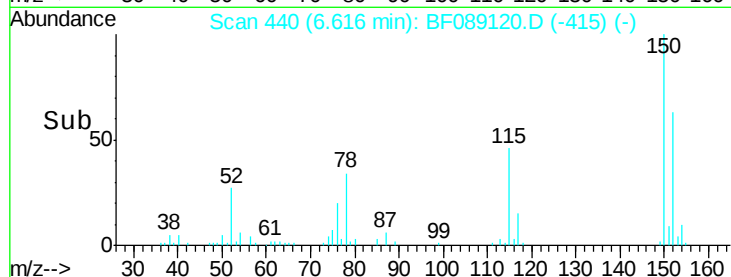
115 72.9 39.6 59.4#



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: 0.49 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089120.D

Acq: 19 Jul 2016 16:10

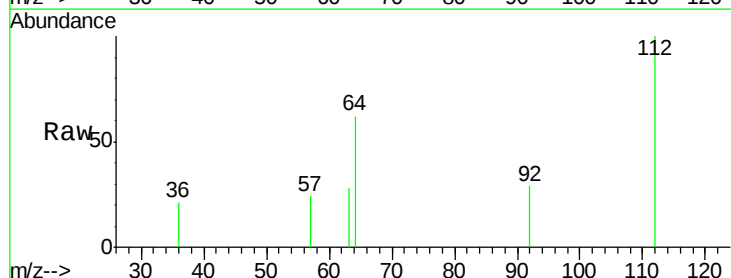
Tgt Ion:112 Resp: 1523

Ion Ratio Lower Upper

112 100

64 62.0 42.2 63.2

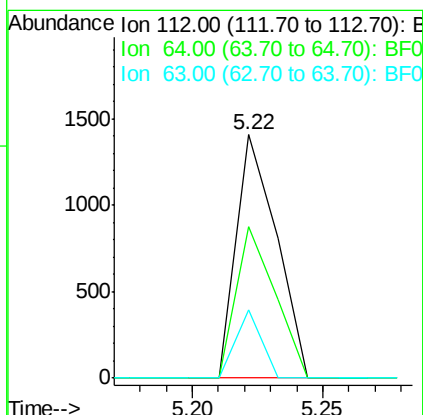
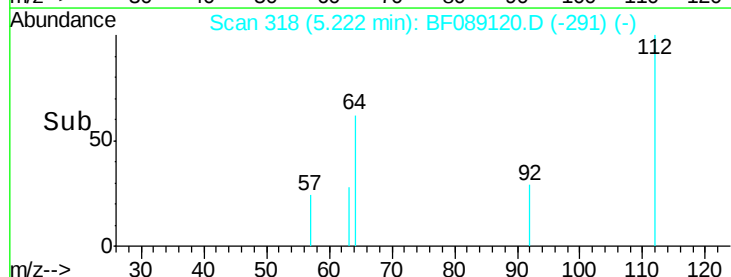
63 28.3 21.8 32.8

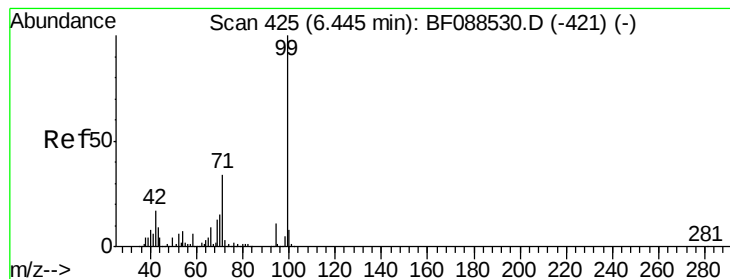


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.52 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089120.D

Acq: 19 Jul 2016 16:10

Instrument :

BNA_F

ClientSampleId :

C5-3DL

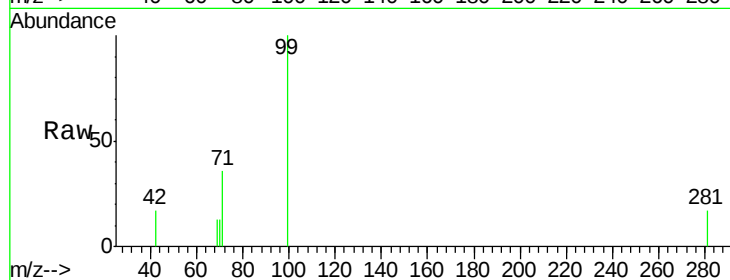
Tgt Ion: 99 Resp: 2094

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

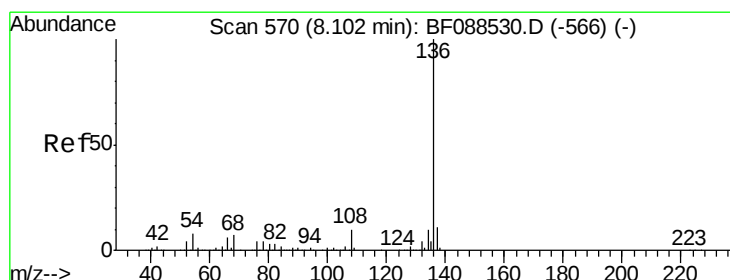
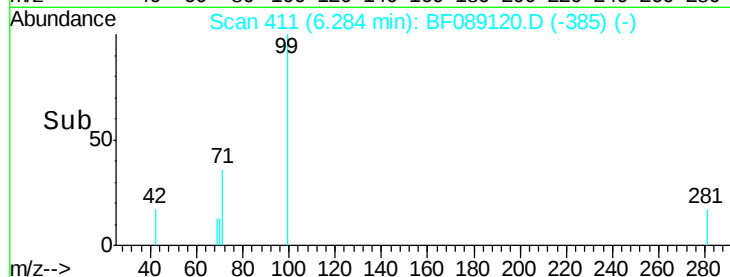
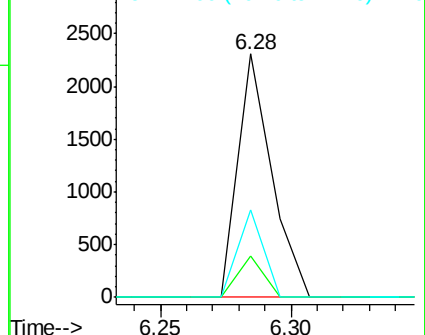
71 35.9 23.4 35.0#



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: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089120.D

Acq: 19 Jul 2016 16:10

Tgt Ion: 136 Resp: 198428

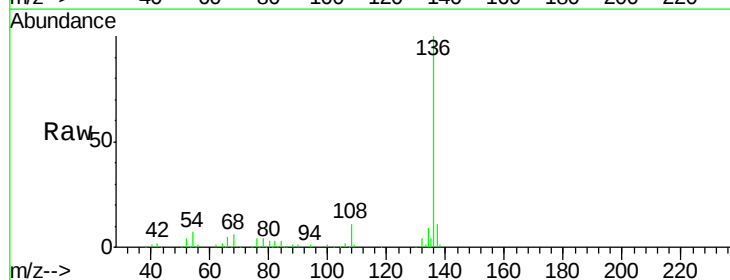
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 7.5 6.6 10.0

68 5.6 5.1 7.7

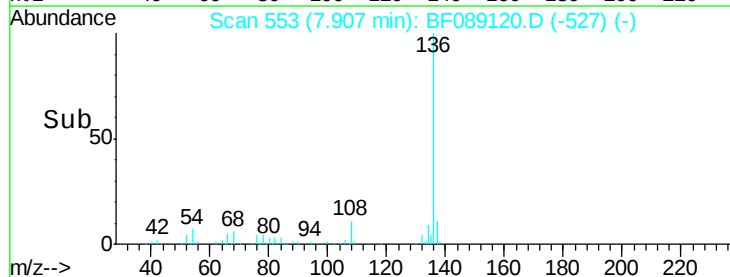
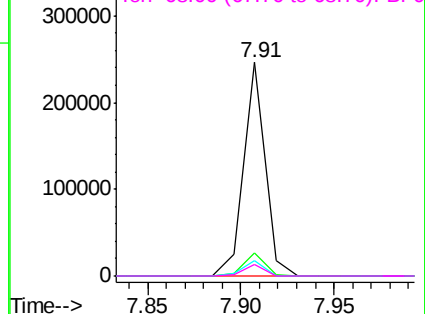


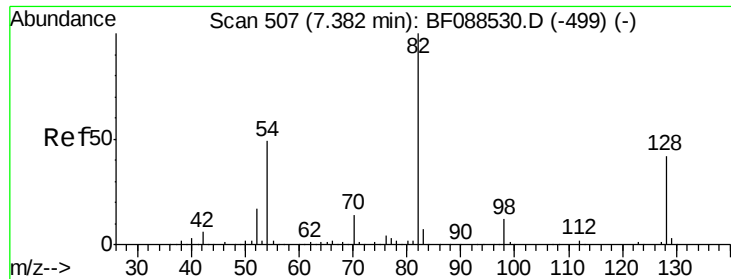
Abundance Ion 136.00 (135.70 to 136.70): E

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

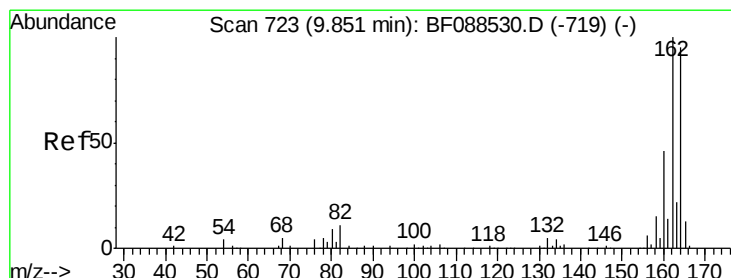
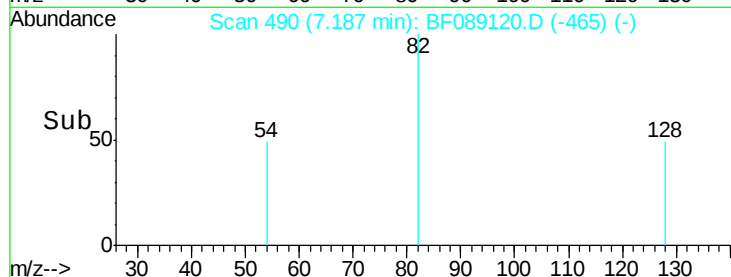
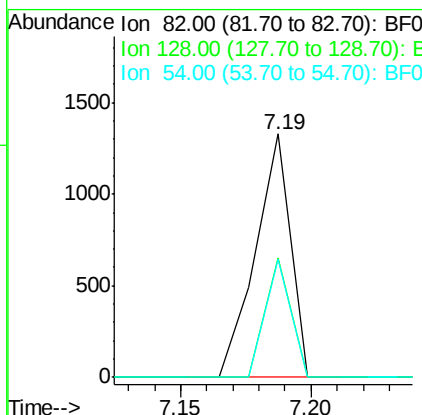
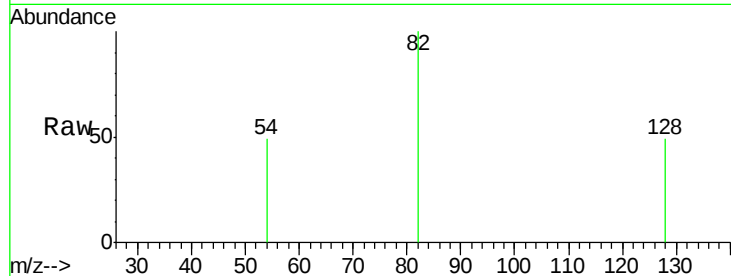




#23
 Nitrobenzene-d5
 Concen: 0.33 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF089120.D
 Acq: 19 Jul 2016 16:10

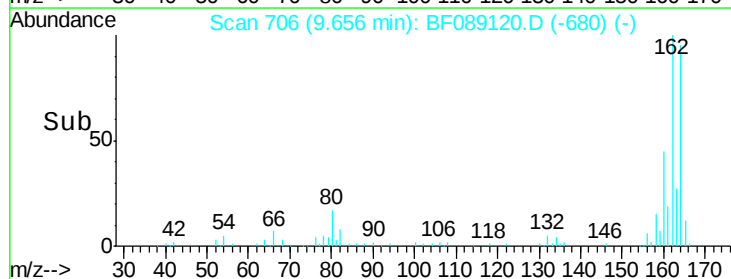
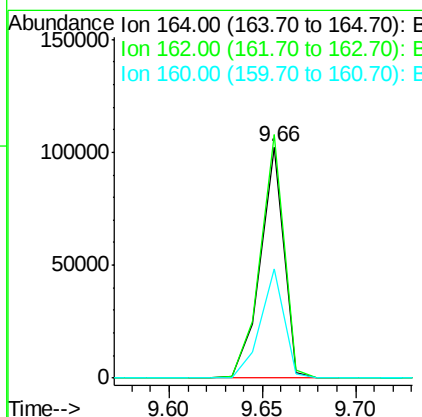
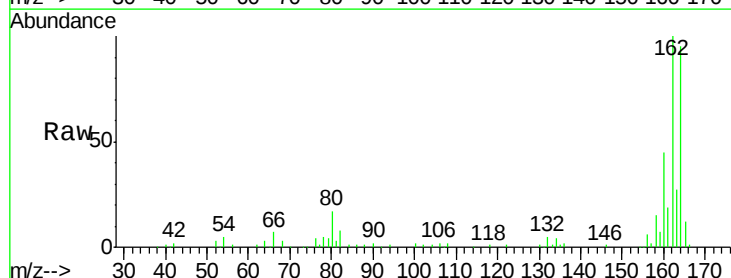
Instrument :
 BNA_F
 ClientSampleId :
 C5-3DL

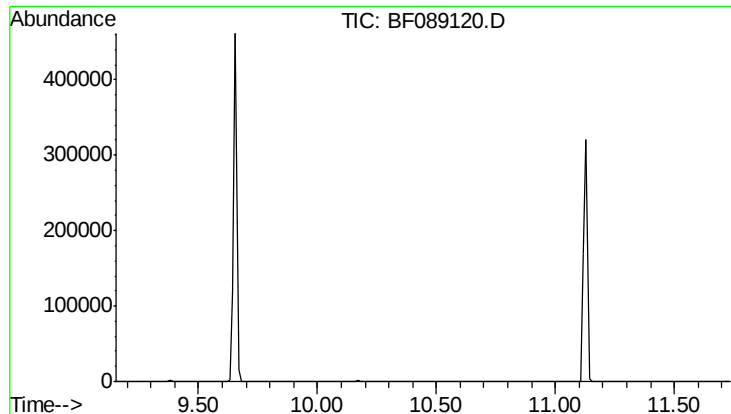
Tgt Ion: 82 Resp: 1250
 Ion Ratio Lower Upper
 82 100
 128 49.0 35.9 53.9
 54 48.5 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF089120.D
 Acq: 19 Jul 2016 16:10

Tgt Ion: 164 Resp: 88757
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.4 128.2
 160 47.1 39.5 59.3

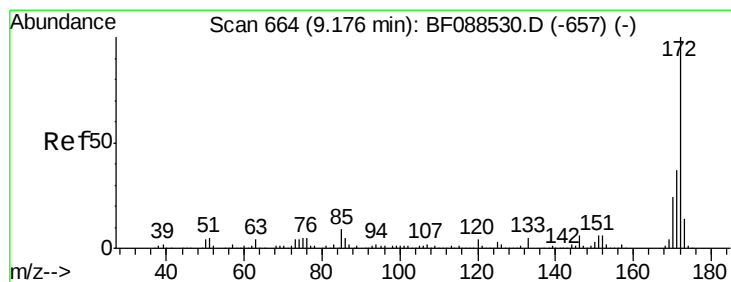
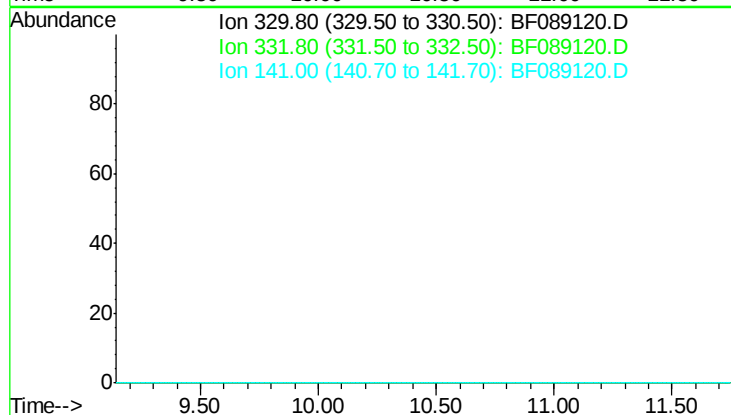




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.44 min
 Lab File: BF089120.D
 Acq: 19 Jul 2016 16:10

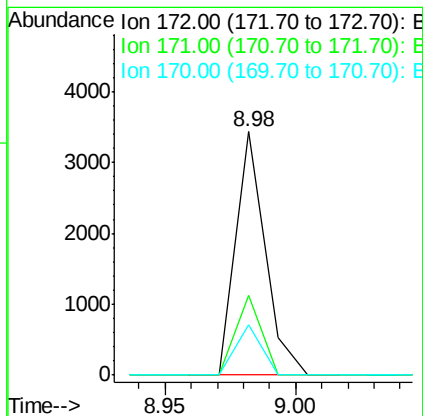
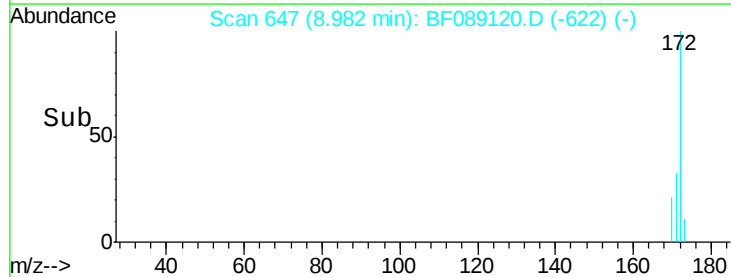
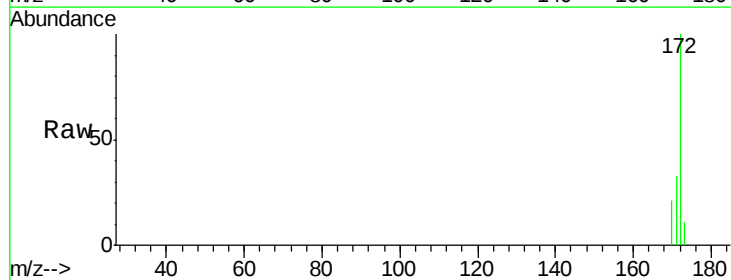
Instrument :
 BNA_F
 ClientSampleId :
 C5-3DL

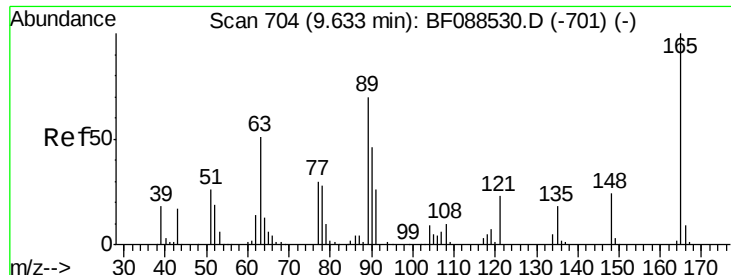
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: 0.48 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF089120.D
 Acq: 19 Jul 2016 16:10

Tgt Ion: 172 Resp: 2721
 Ion Ratio Lower Upper
 172 100
 171 32.9 28.6 43.0
 170 20.9 19.2 28.8

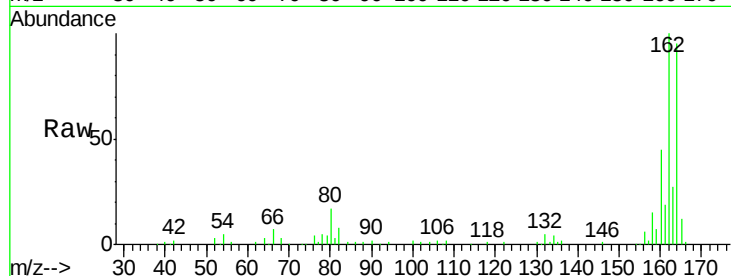




#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.19 min
 Lab File: BF089120.D
 Acq: 19 Jul 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 C5-3DL

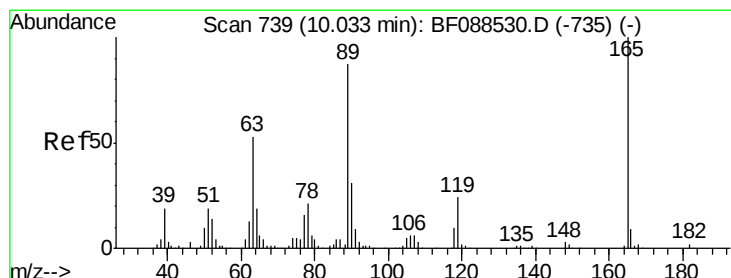
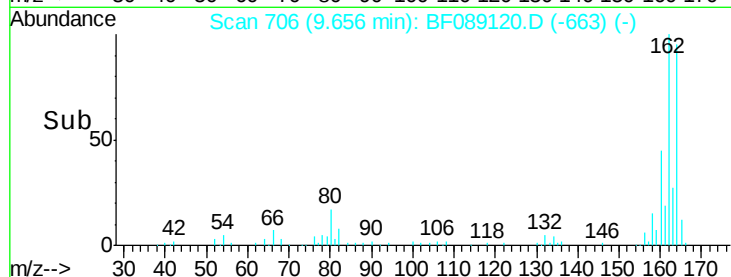
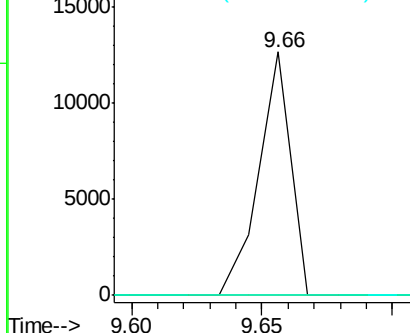
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.21 min
 Lab File: BF089120.D
 Acq: 19 Jul 2016 16:10

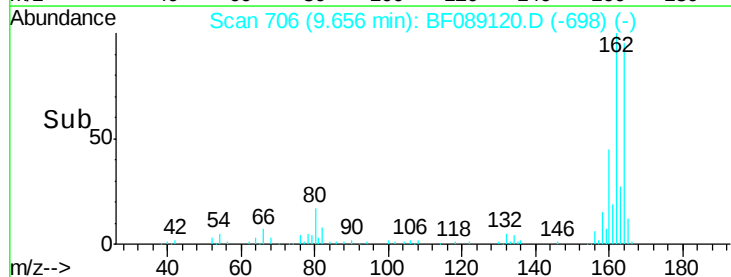
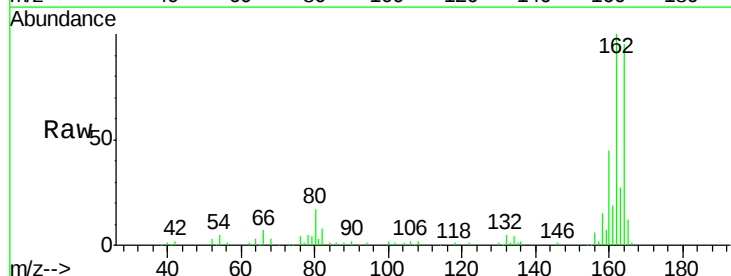
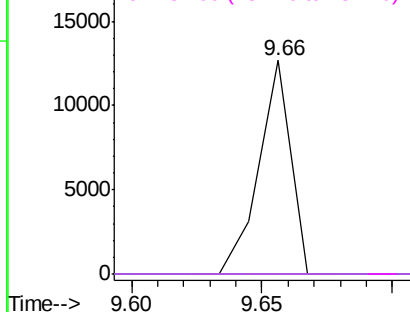
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

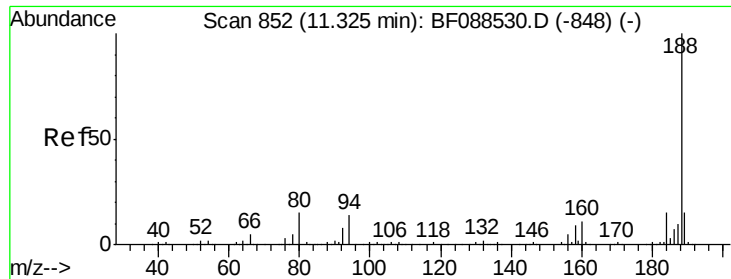
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

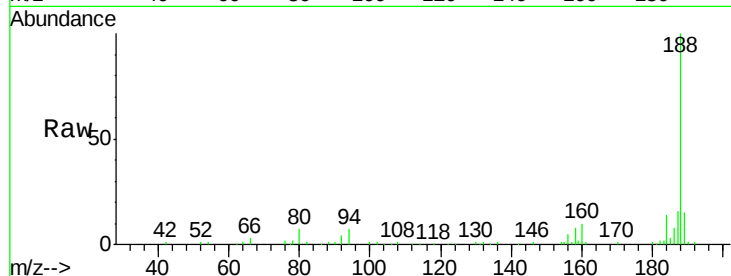




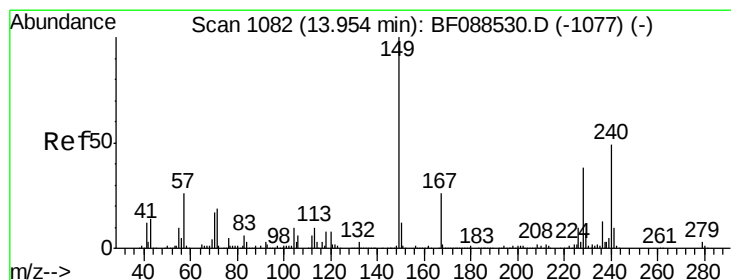
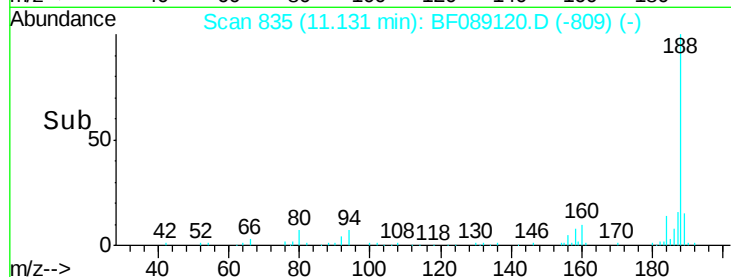
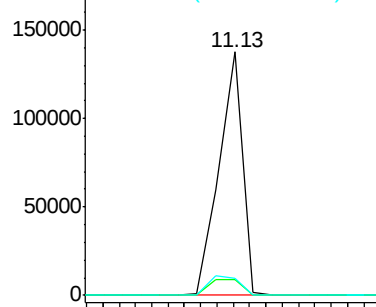
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089120.D
Acq: 19 Jul 2016 16:10

Instrument :
BNA_F
ClientSampleId :
C5-3DL

Tgt Ion:188 Resp: 137443
Ion Ratio Lower Upper
188 100
94 6.7 9.0 13.6#
80 7.2 10.0 15.0#

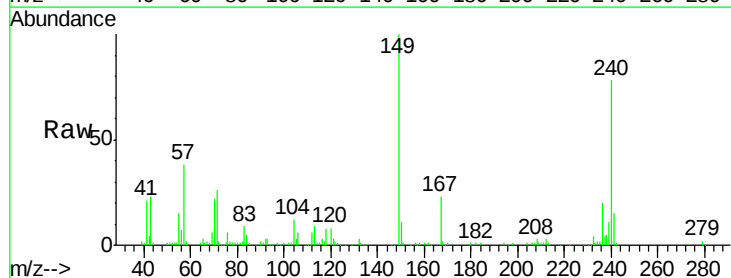


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

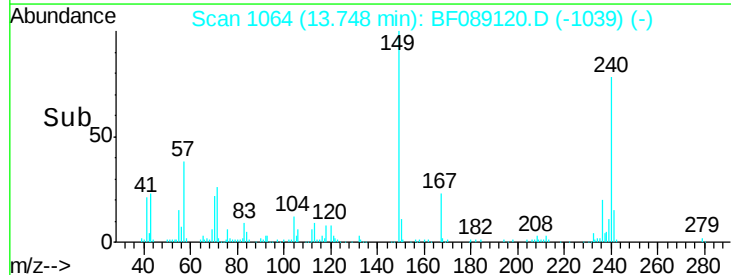
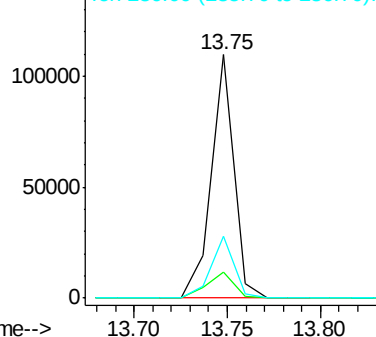


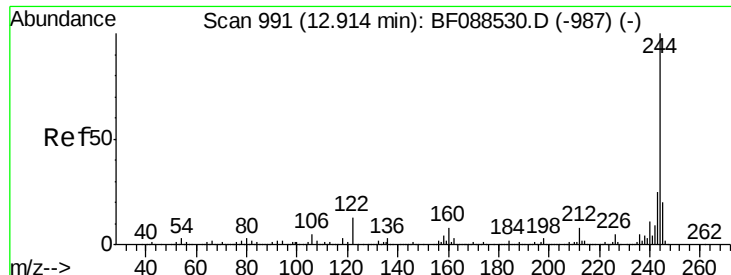
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089120.D
Acq: 19 Jul 2016 16:10

Tgt Ion:240 Resp: 93525
Ion Ratio Lower Upper
240 100
120 10.6 6.8 10.2#
236 25.6 20.2 30.2



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

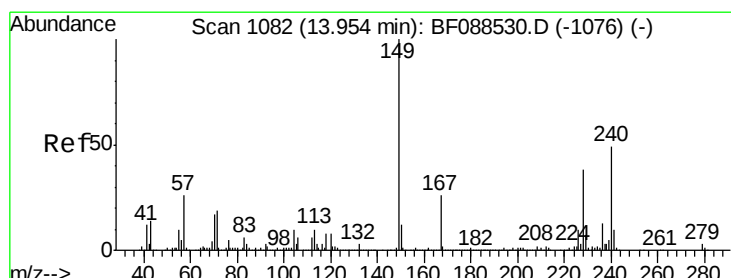
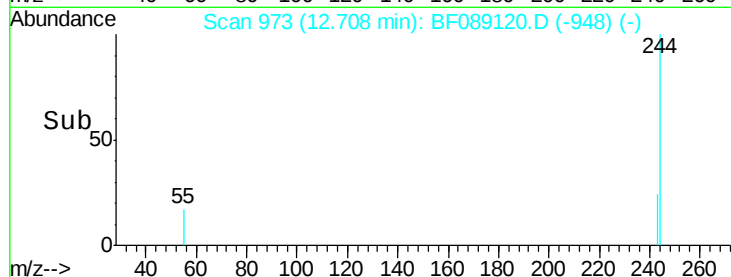
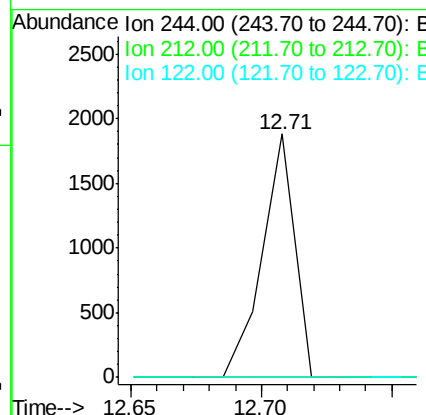
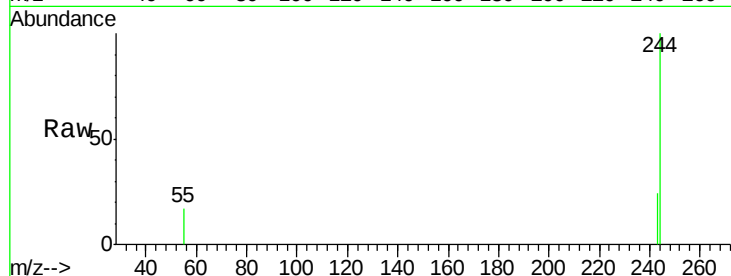




#78
 Terphenyl-d14
 Concen: 0.39 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF089120.D
 Acq: 19 Jul 2016 16:10

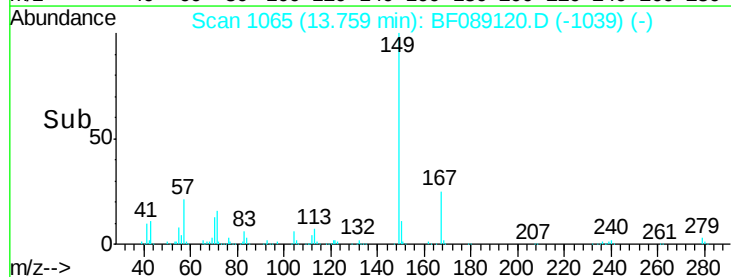
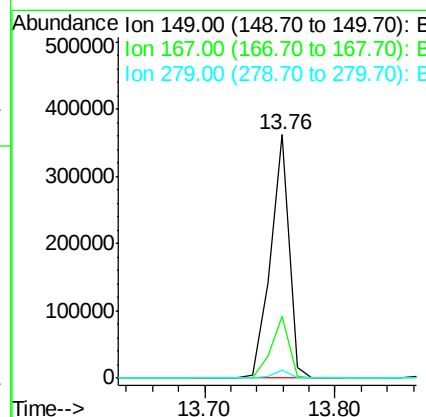
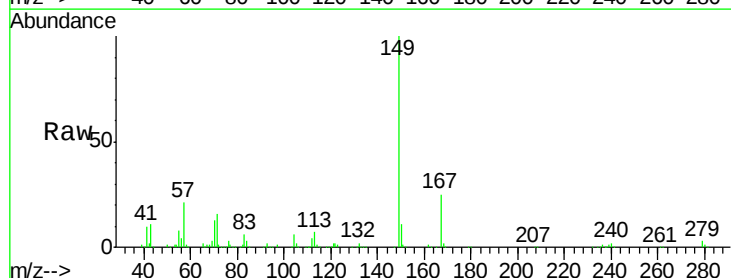
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 C5-3DL

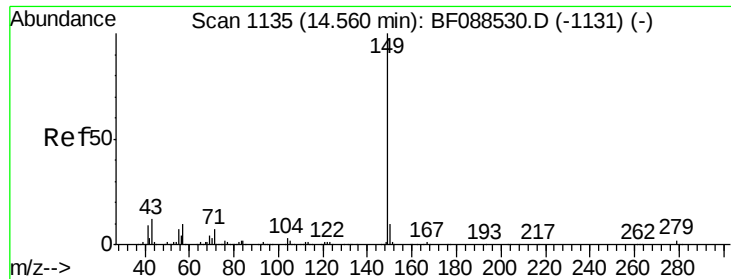
Tgt Ion:244 Resp: 1638
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 0.0 11.2 16.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 88.78 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF089120.D
 Acq: 19 Jul 2016 16:10

Tgt Ion:149 Resp: 358506
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.5 30.7
 279 3.3 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 7.22 ng

RT: 14.37 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF089120.D

Acq: 19 Jul 2016 16:10

Instrument :

BNA_F

ClientSampleId :

C5-3DL

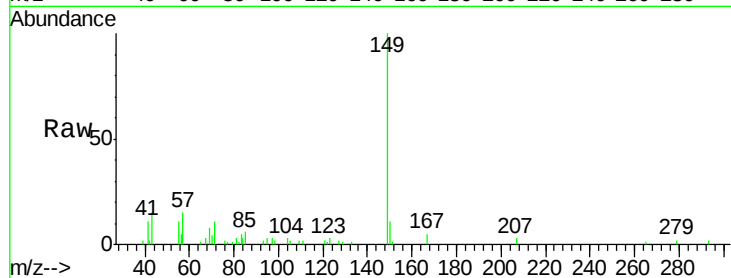
Tgt Ion:149 Resp: 49530

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

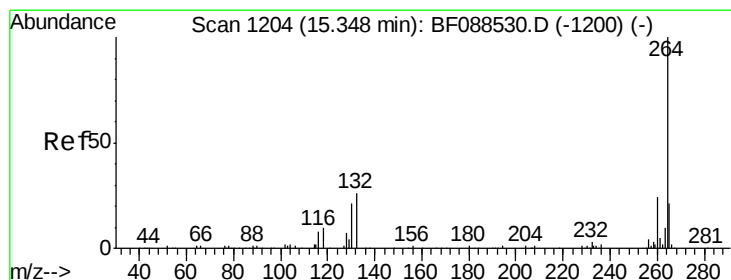
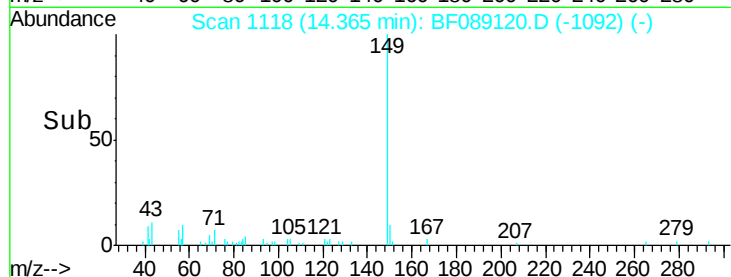
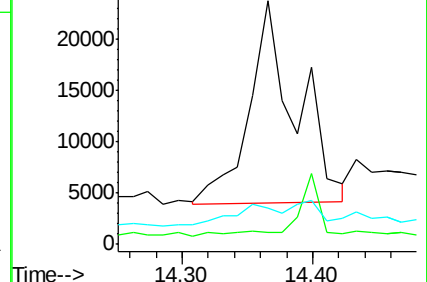
43 10.3 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF089120.D

Acq: 19 Jul 2016 16:10

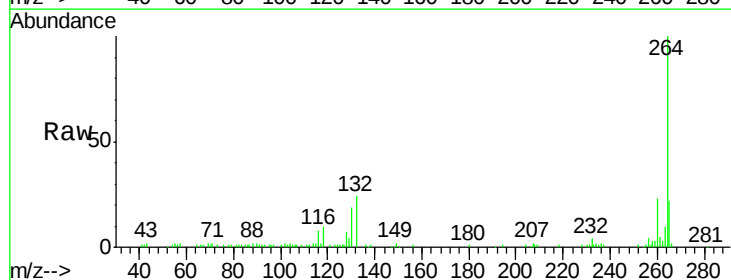
Tgt Ion:264 Resp: 84043

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.7 16.9 25.3



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

