

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085799.D
 Acq On : 28 Mar 2016 14:04
 Operator : UM/SJ
 Sample : H1885-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-15B

Quant Time: Mar 28 15:47:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

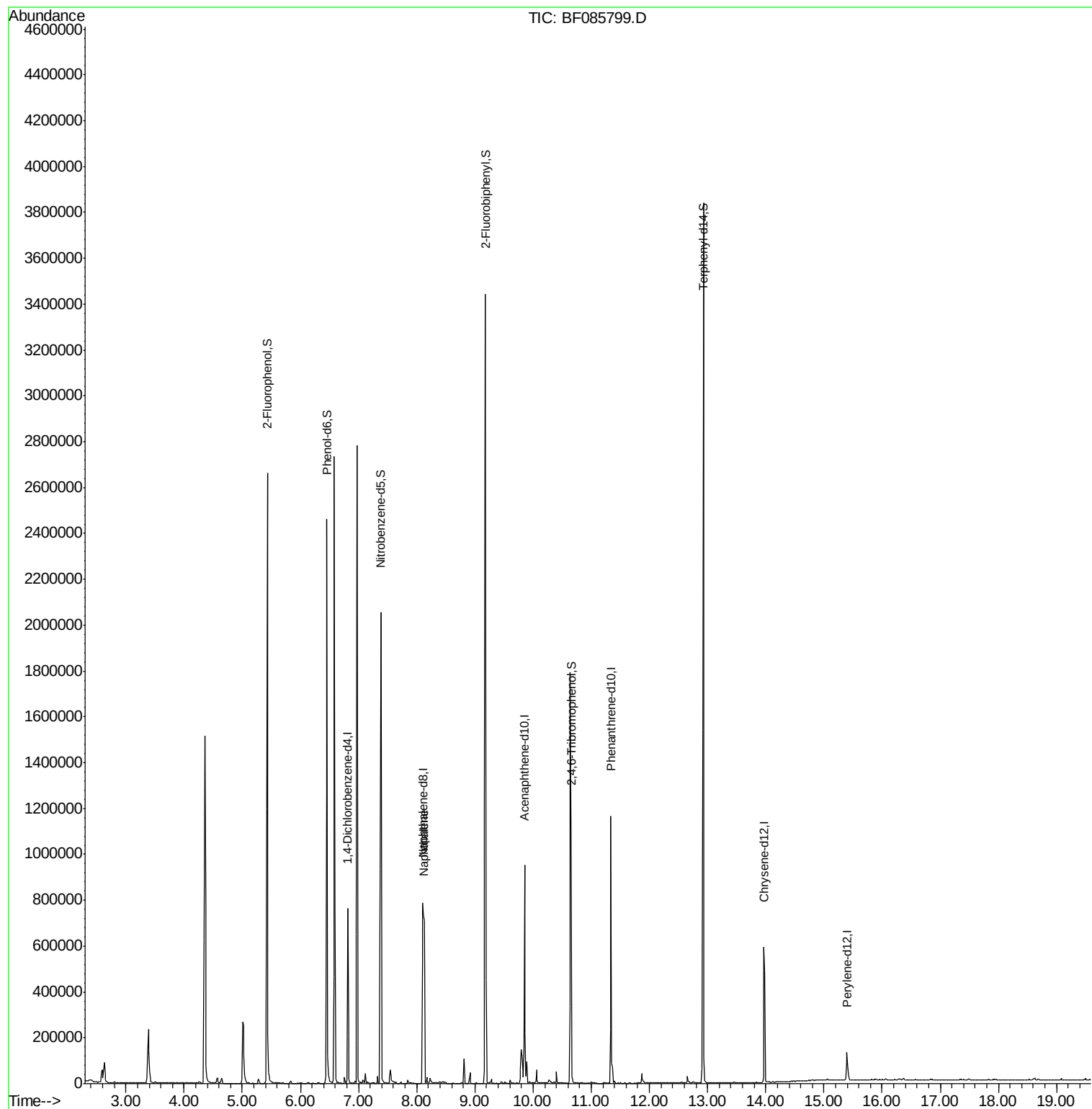
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	114097	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	455652	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	177365	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	400883	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	249320	20.00	ng	-0.01
86) Perylene-d12	15.40	264	30752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	872868	127.41	ng	0.02
7) Phenol-d6	6.46	99	1008895	115.83	ng	0.00
23) Nitrobenzene-d5	7.38	82	769741	95.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	324735	192.70	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1194250	112.50	ng	-0.01
78) Terphenyl-d14	12.93	244	1248544	102.99	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	513663	22.37	ng	Qvalue 98

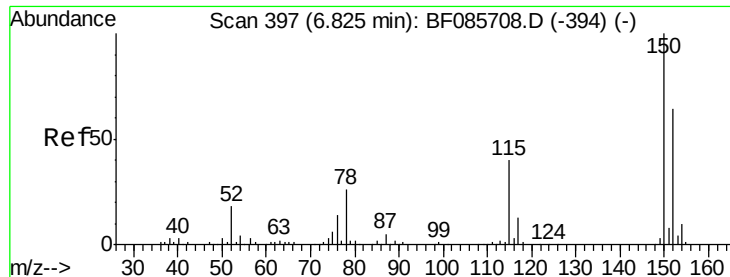
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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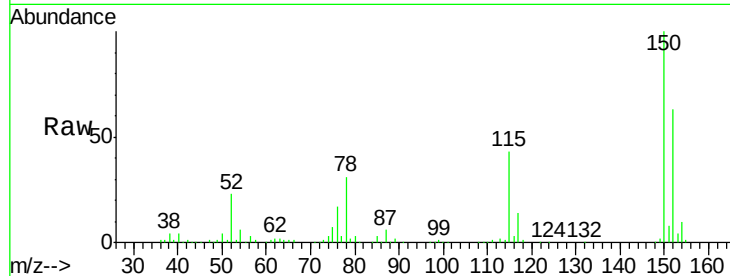


#1

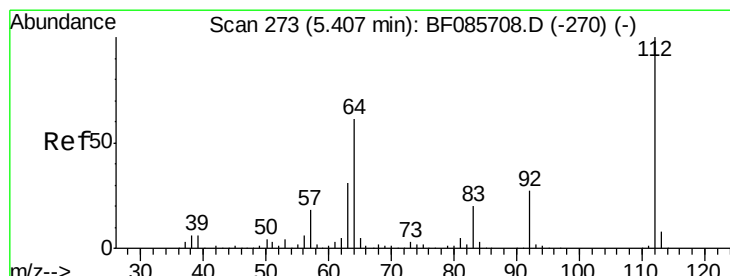
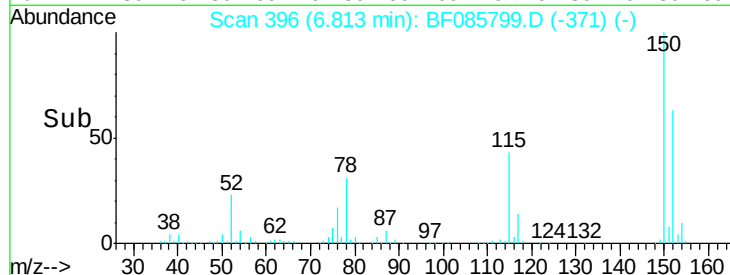
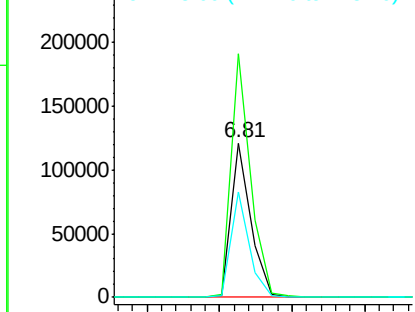
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion:152 Resp: 114097
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 68.6 47.0 70.6



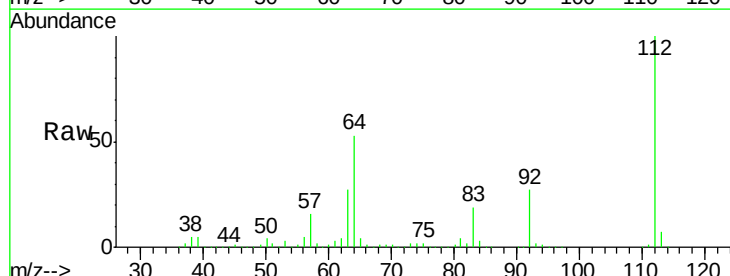
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



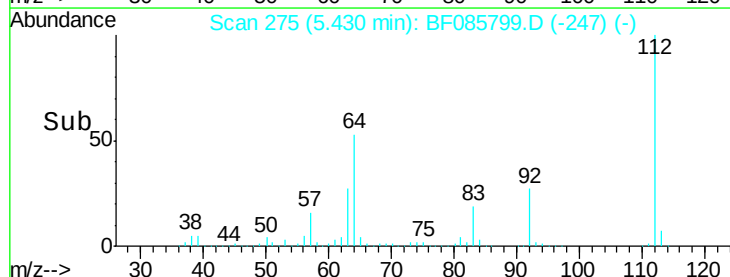
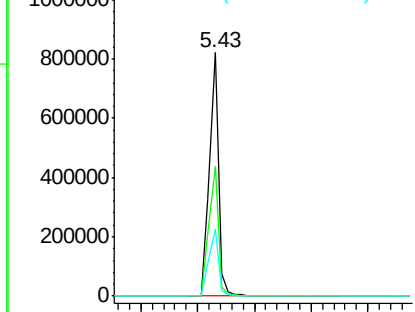
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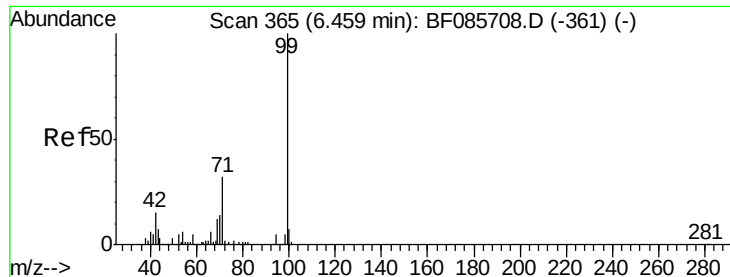
2-Fluorophenol
Concen: 127.41 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

Tgt Ion:112 Resp: 872868
Ion Ratio Lower Upper
112 100
64 53.3 39.9 59.9
63 27.4 20.2 30.2



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: 115.83 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085799.D

Acq: 28 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15B

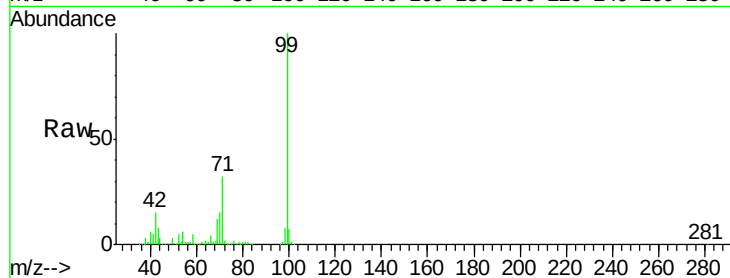
Tgt Ion: 99 Resp: 1008895

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

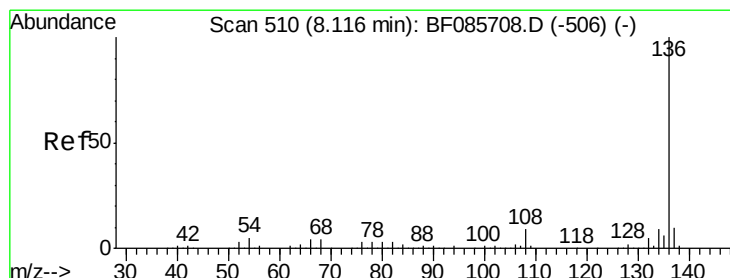
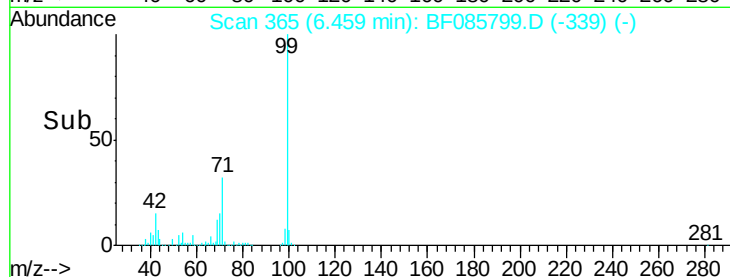
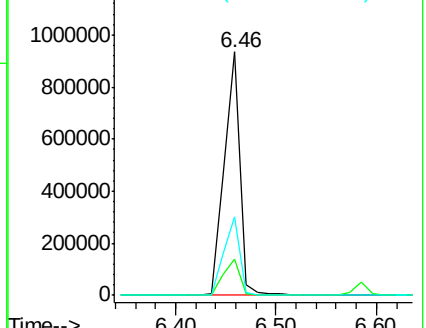
71 32.3 24.9 37.3



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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085799.D

Acq: 28 Mar 2016 14:04

Tgt Ion: 136 Resp: 455652

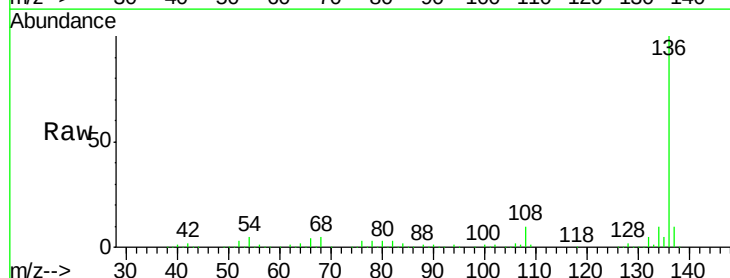
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.4 7.4 11.0#

68 4.8 5.8 8.8#

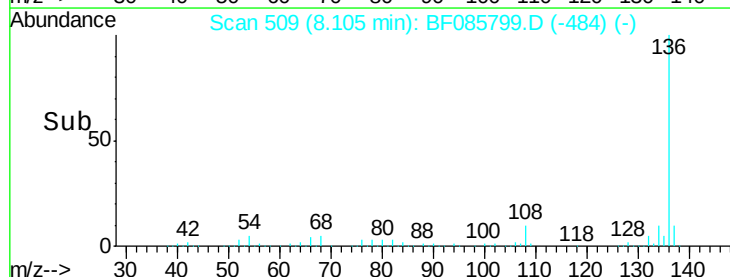
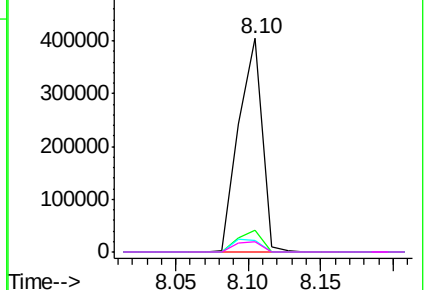


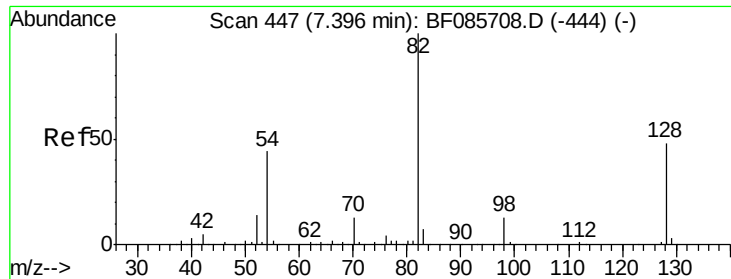
Abundance Ion 136.00 (135.70 to 136.70): E

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

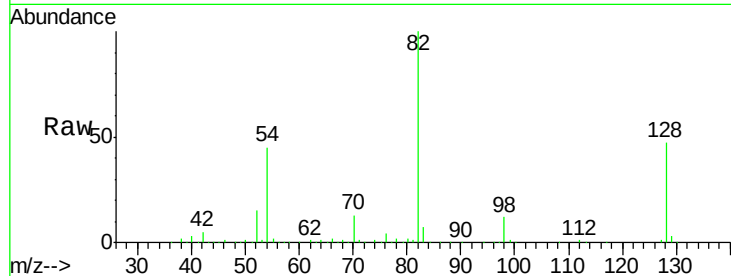




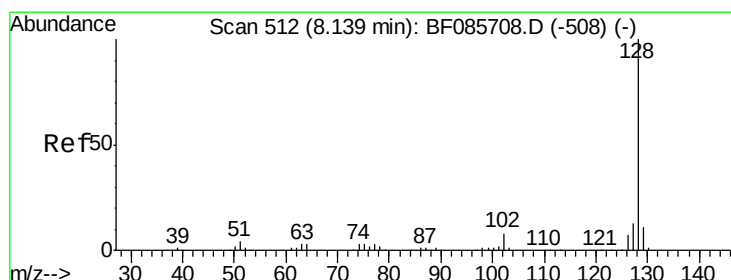
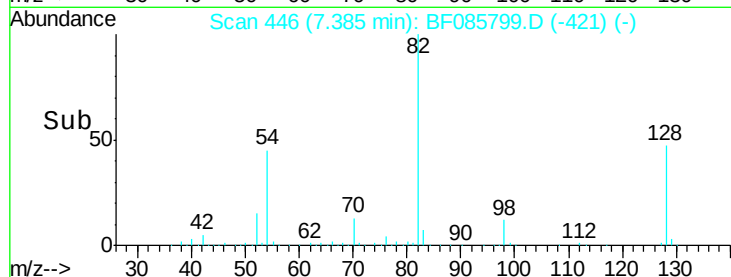
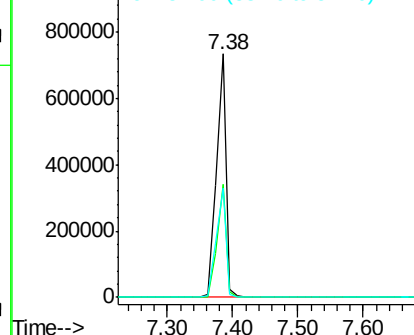
#23
 Nitrobenzene-d5
 Concen: 95.13 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085799.D
 Acq: 28 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-15B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	41.8	62.8
54	44.8	33.4	50.0

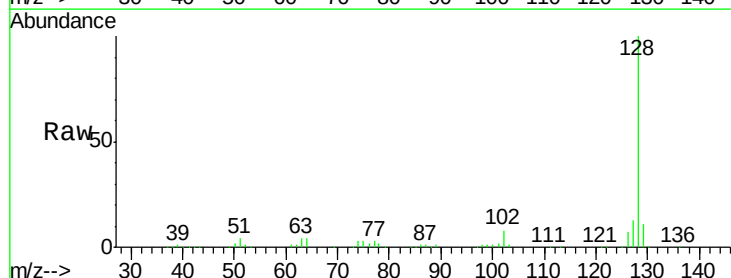


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

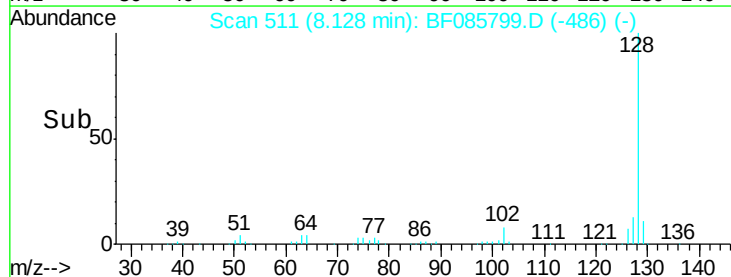
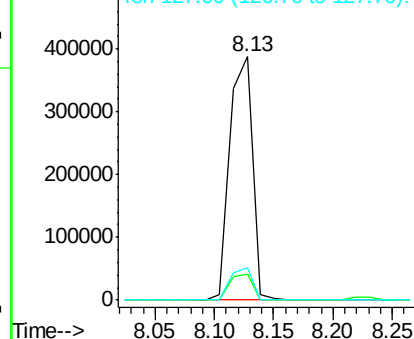


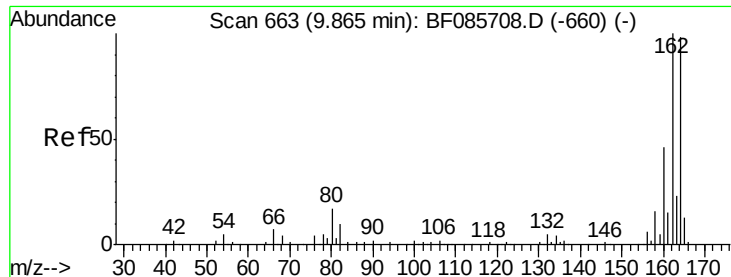
#31
 Naphthalene
 Concen: 22.37 ng
 RT: 8.13 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF085799.D
 Acq: 28 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.0
127	13.5	11.0	16.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085799.D

Acq: 28 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15B

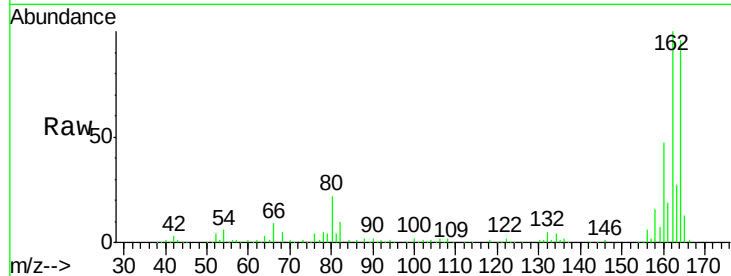
Tgt Ion:164 Resp: 177365

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

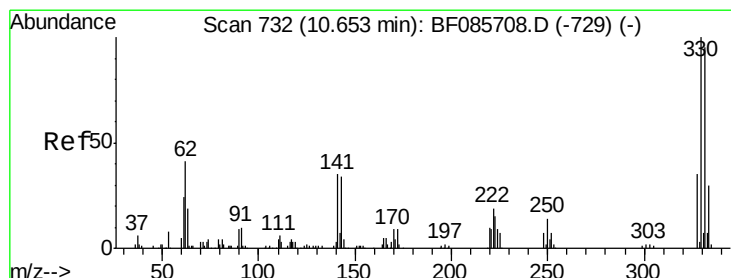
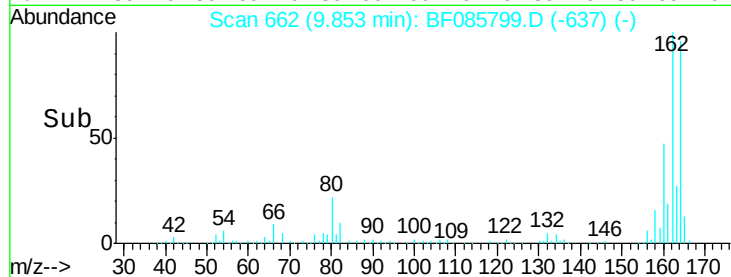
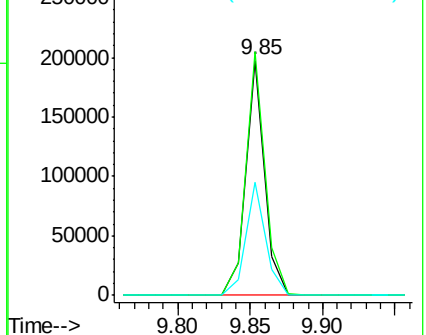
160 48.4 37.4 56.2



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: 192.70 ng

RT: 10.65 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF085799.D

Acq: 28 Mar 2016 14:04

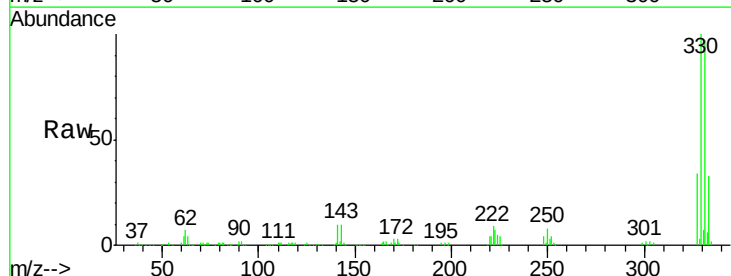
Tgt Ion:330 Resp: 324735

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

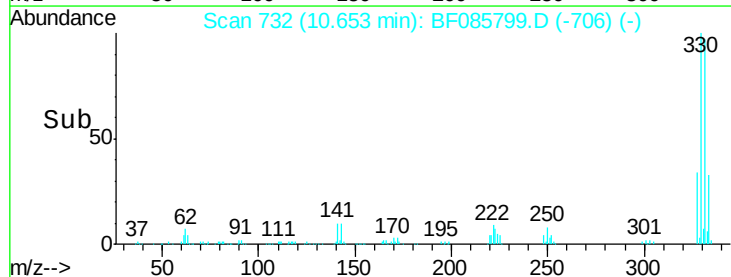
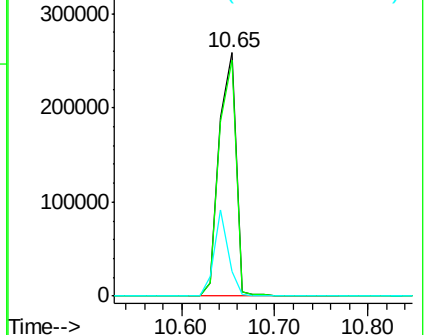
141 30.3 31.5 47.3#

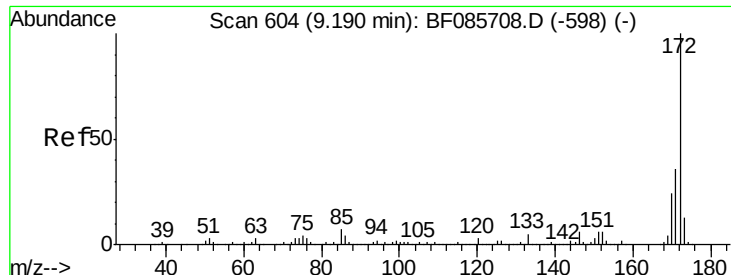


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

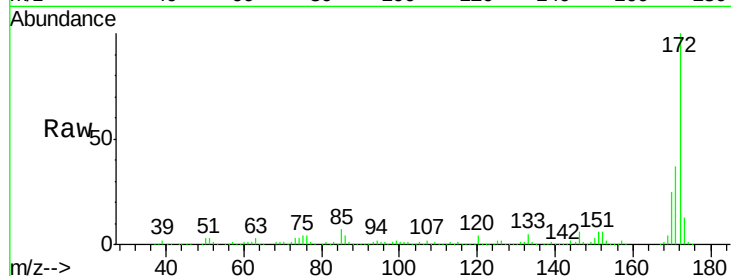




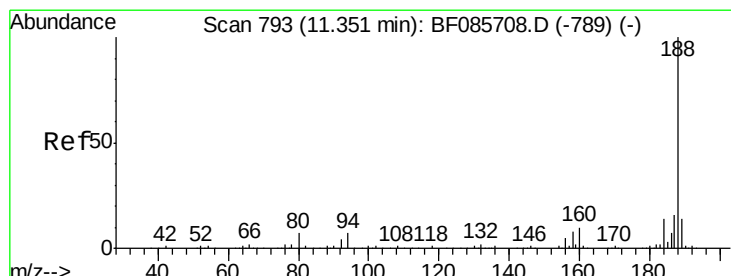
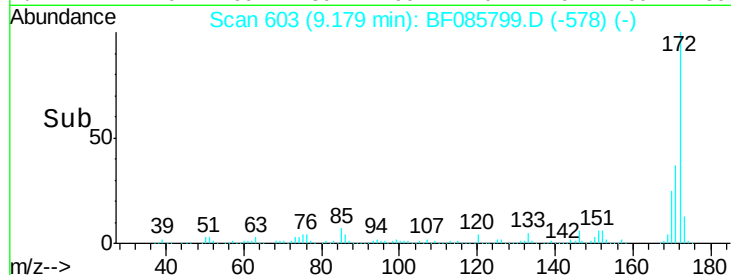
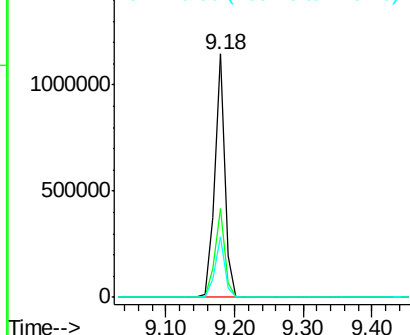
#44
 2-Fluorobiphenyl
 Concen: 112.50 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085799.D
 Acq: 28 Mar 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-15B

Tgt Ion:172 Resp: 1194250
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.7 19.8 29.6

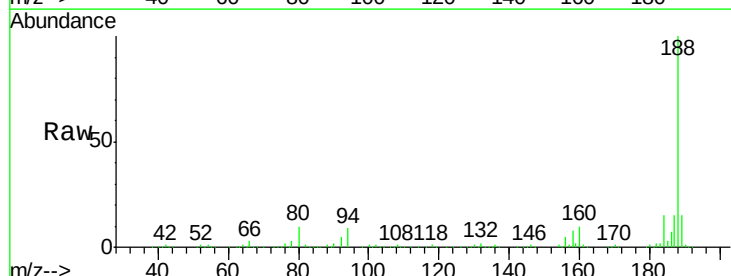


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

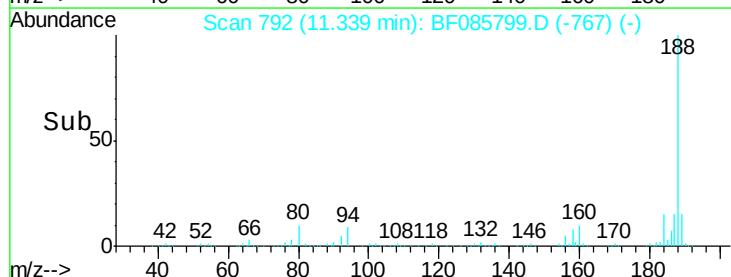
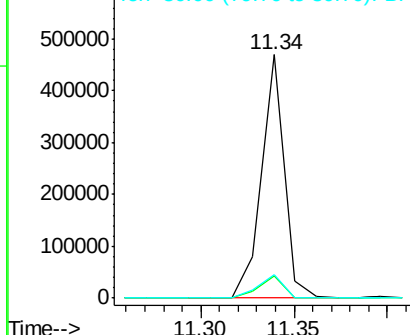


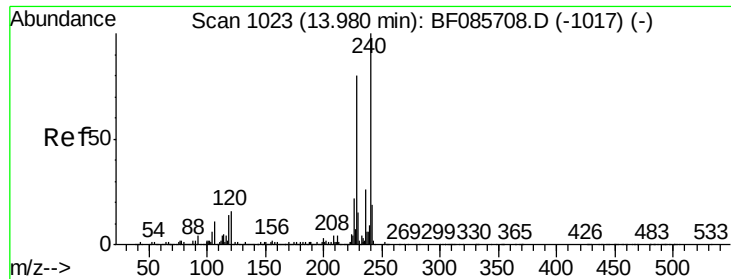
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085799.D
 Acq: 28 Mar 2016 14:04

Tgt Ion:188 Resp: 400883
 Ion Ratio Lower Upper
 188 100
 94 9.3 5.4 8.0#
 80 9.6 5.5 8.3#



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

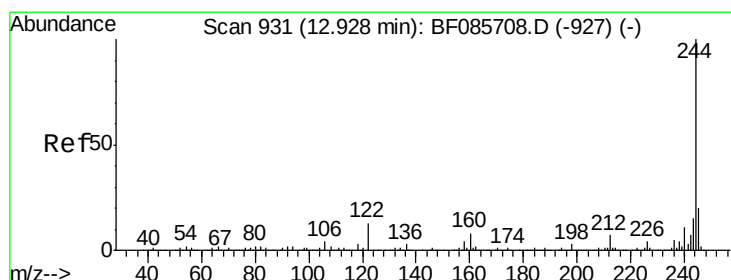
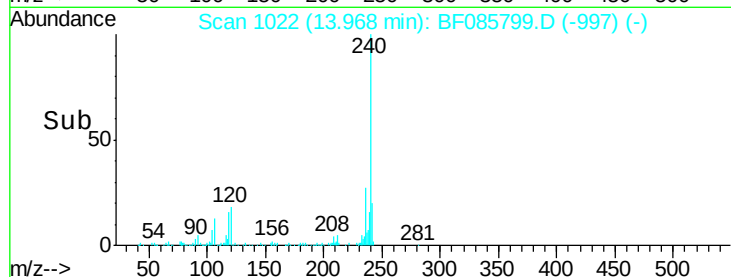
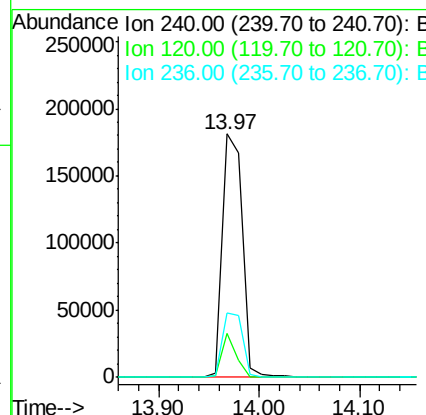
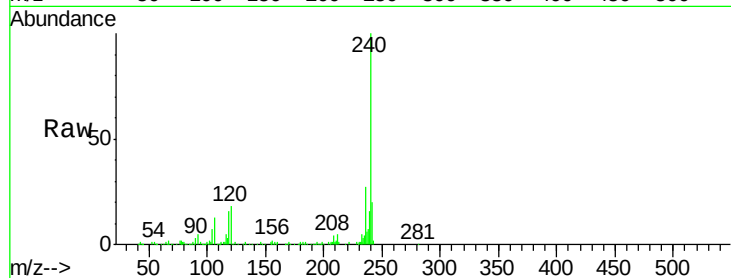




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

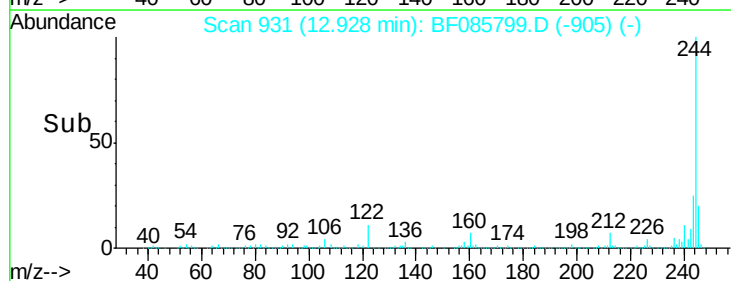
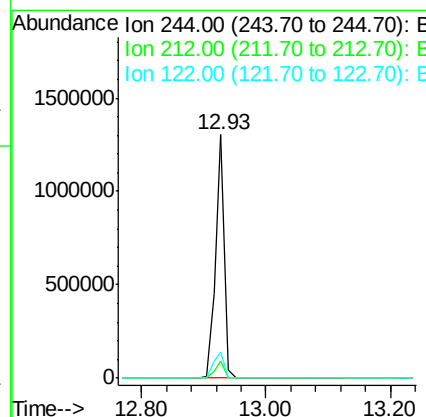
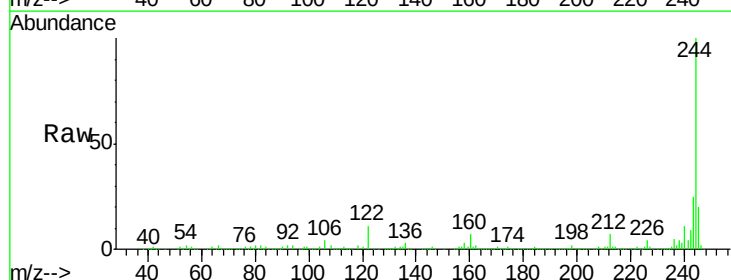
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TRACK-D-GRID-15B

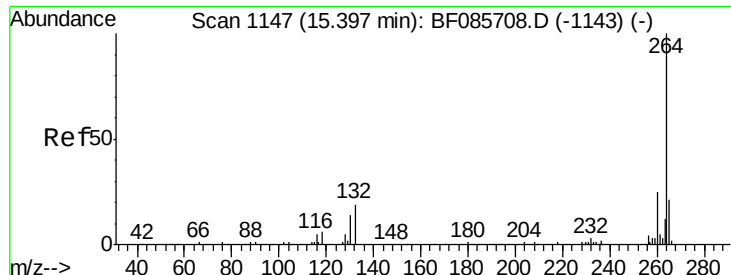
Tgt Ion:240 Resp: 249320
Ion Ratio Lower Upper
240 100
120 18.1 13.8 20.8
236 26.7 20.6 30.8



#78
Terphenyl-d14
Concen: 102.99 ng
RT: 12.93 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

Tgt Ion:244 Resp: 1248544
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 10.8 10.2 15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion: 264 Resp: 30752
Ion Ratio Lower Upper
264 100
260 62.0 19.4 29.2#
265 20.3 17.2 25.8

