

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 29 03:32:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

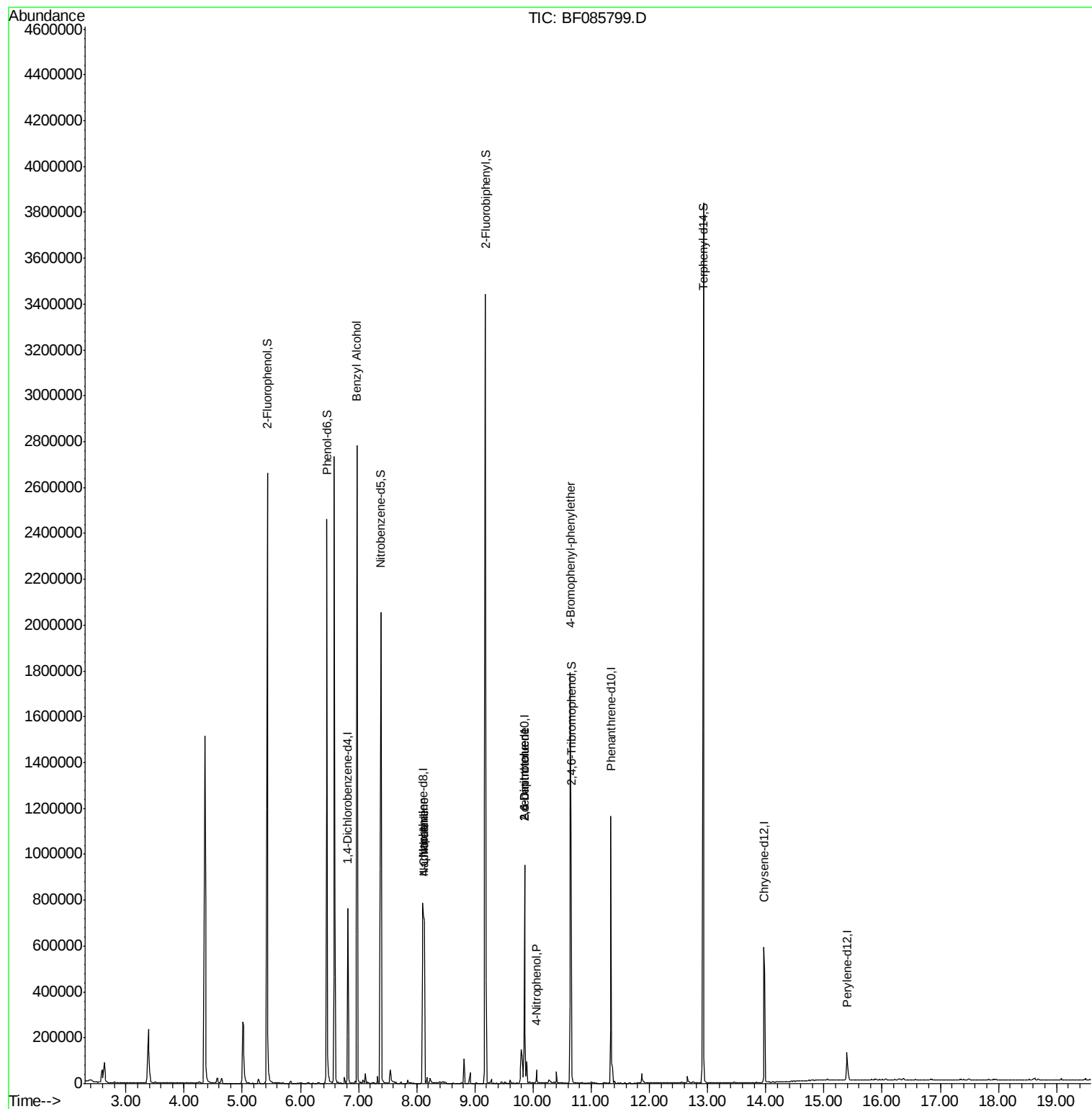
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	114097	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	455652	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	177365	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	400883	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	249320	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						Qvalue
15) Benzyl Alcohol	6.97	79	12127	2.09	ng	# 47
31) Naphthalene	8.13	128	513663	22.37	ng	98
33) 4-Chloroaniline	8.13	127	68015	7.26	ng	# 38
50) 2,6-Dinitrotoluene	9.85	165	23133	7.99	ng	# 19
55) 4-Nitrophenol	10.06	139	7969	3.69	ng	# 10
56) 2,4-Dinitrotoluene	9.85	165	23133	6.28	ng	# 38
66) 4-Bromophenyl-phenylether	10.64	248	19001	4.63	ng	# 1

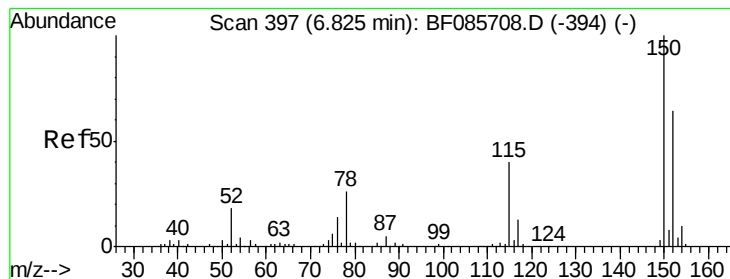
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 29 03:32:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration





#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

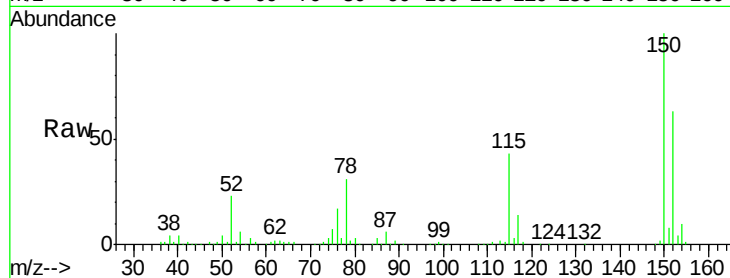
Tgt Ion:152 Resp: 114097

Ion Ratio Lower Upper

152 100

150 157.8 124.2 186.2

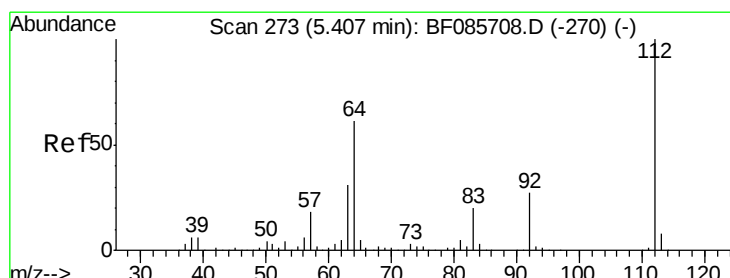
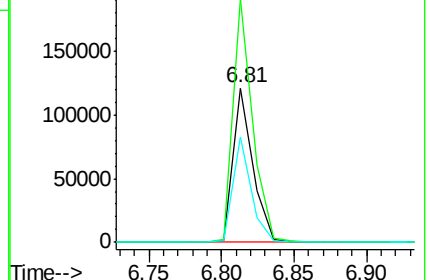
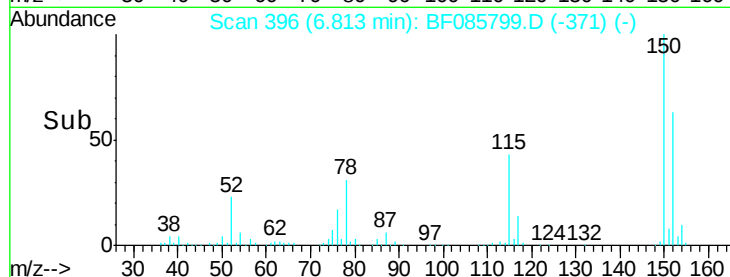
115 68.6 47.0 70.6



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



#5

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

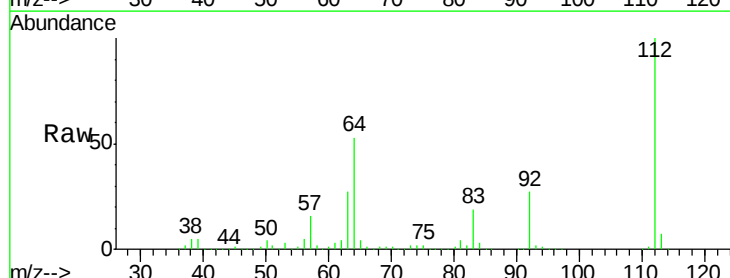
Tgt Ion:112 Resp: 872868

Ion Ratio Lower Upper

112 100

64 53.3 39.9 59.9

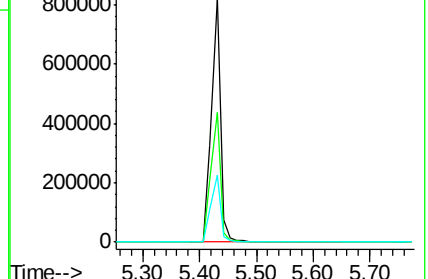
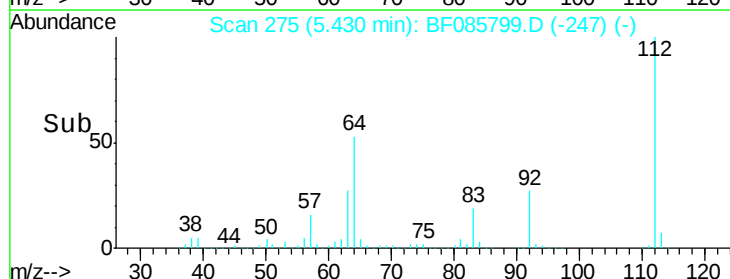
63 27.4 20.2 30.2

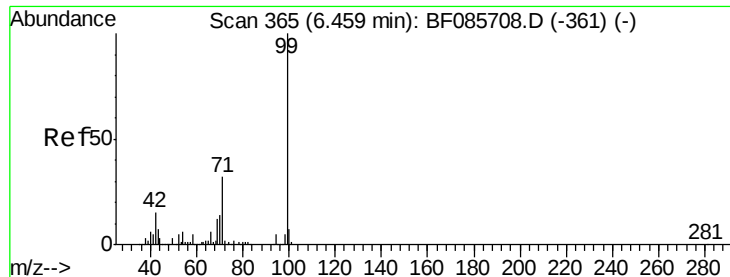


Abundance Ion 112.00 (111.70 to 112.70): E

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

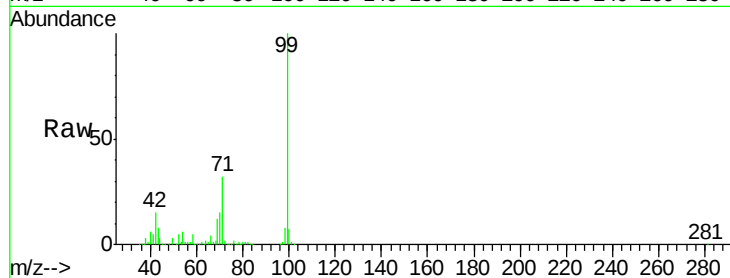
Tgt Ion: 99 Resp: 1008895

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

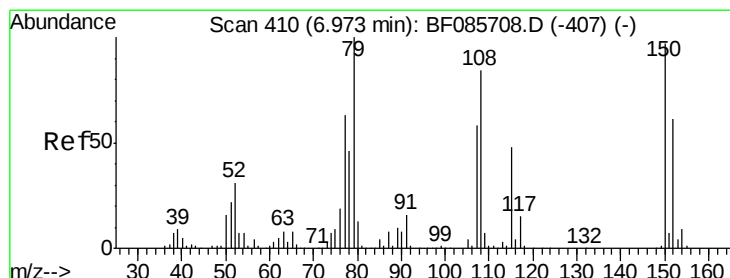
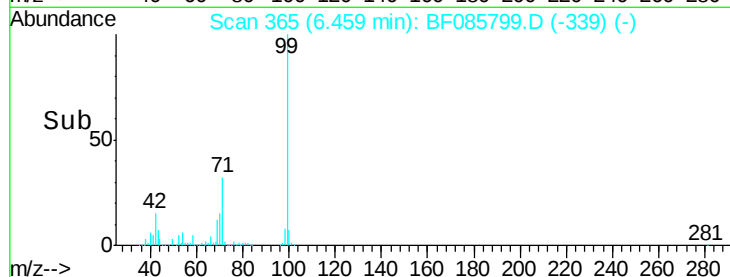
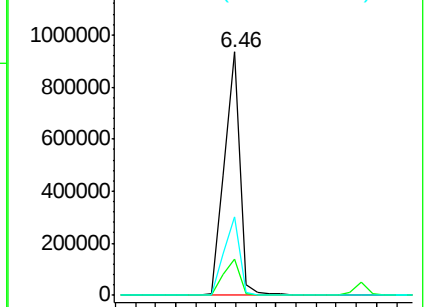
71 32.3 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085799.D

Acq: 28 Mar 2016 14:04

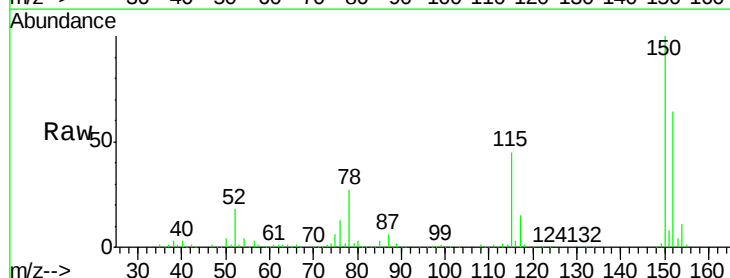
Tgt Ion: 79 Resp: 12127

Ion Ratio Lower Upper

79 100

108 33.9 61.8 92.6#

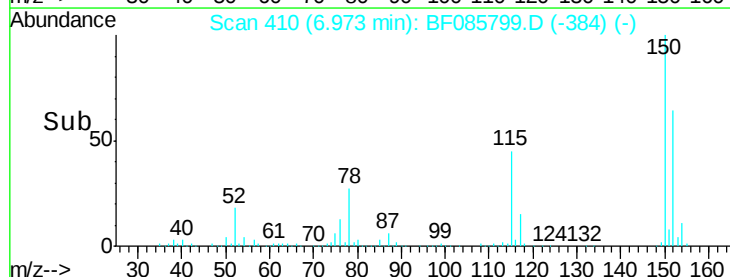
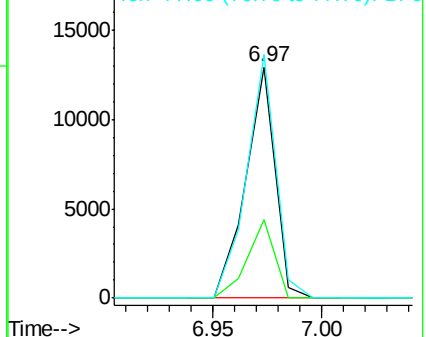
77 105.2 49.6 74.4#

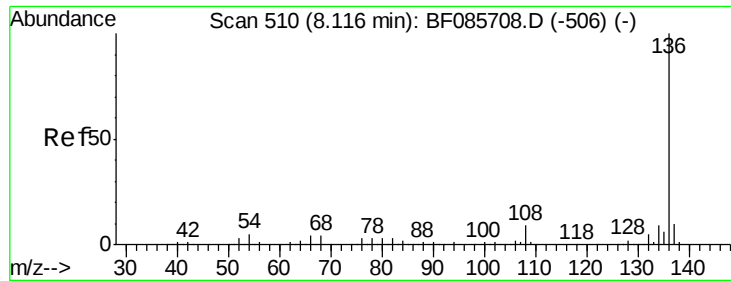


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

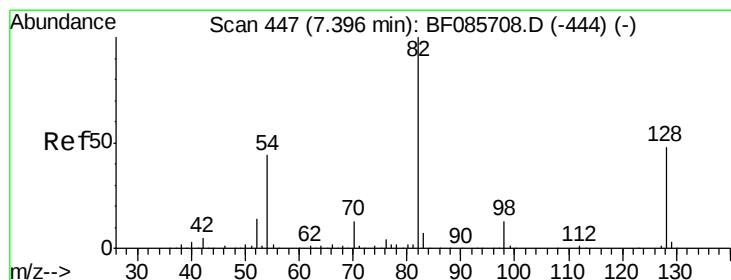
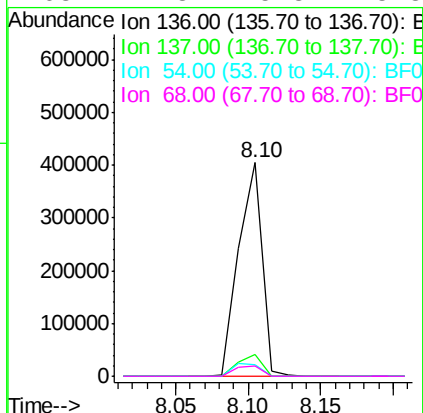
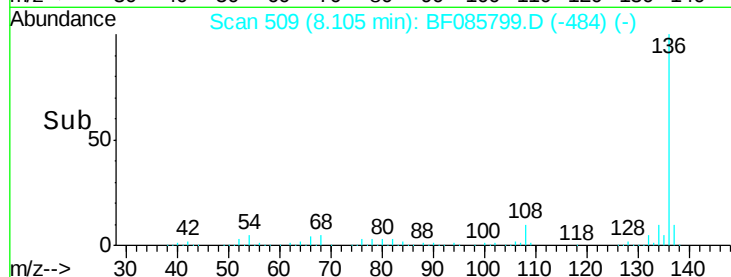
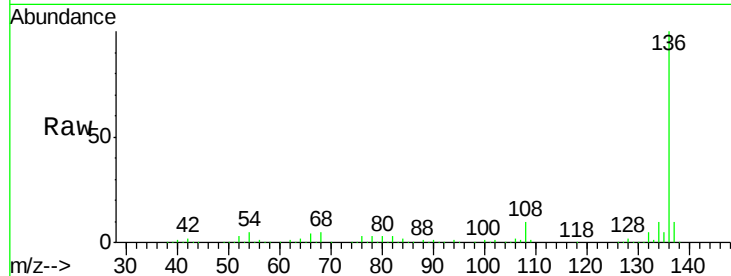




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

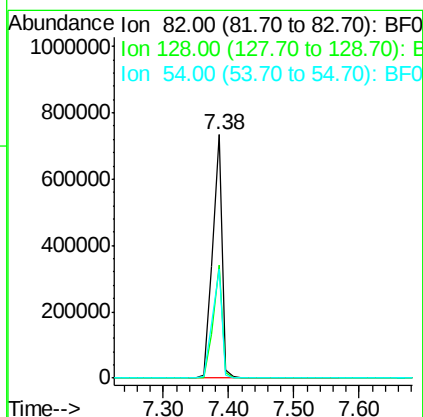
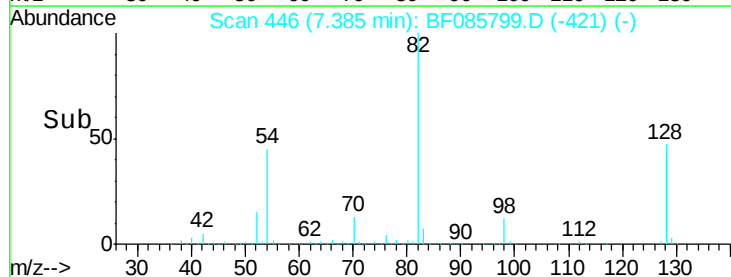
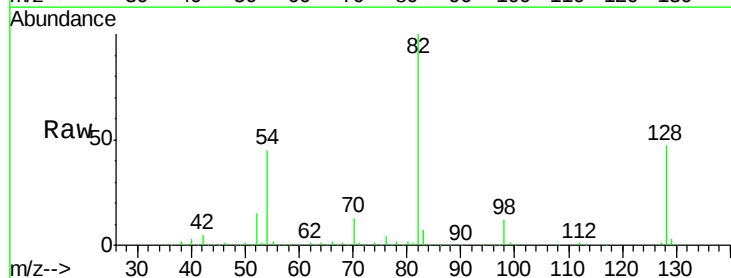
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

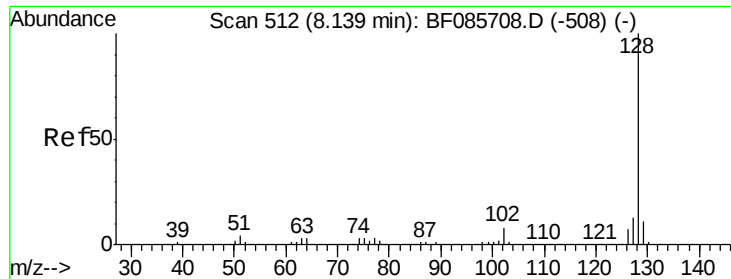
Tgt Ion:	136	Resp:	455652
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.4	7.4	11.0#
68	4.8	5.8	8.8#



#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

Tgt Ion:	82	Resp:	769741
Ion	Ratio	Lower	Upper
82	100		
128	46.5	41.8	62.8
54	44.8	33.4	50.0

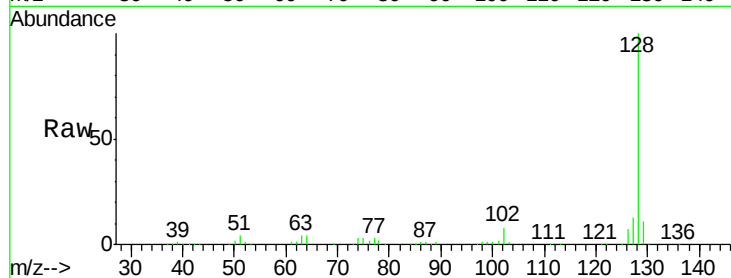




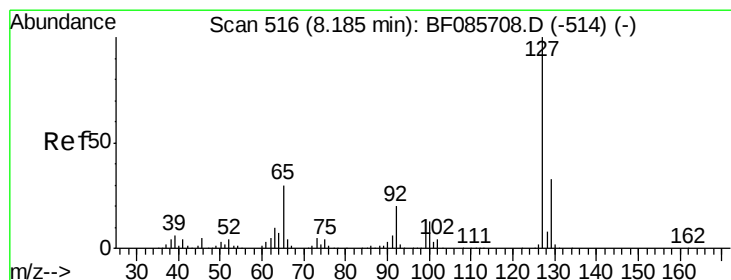
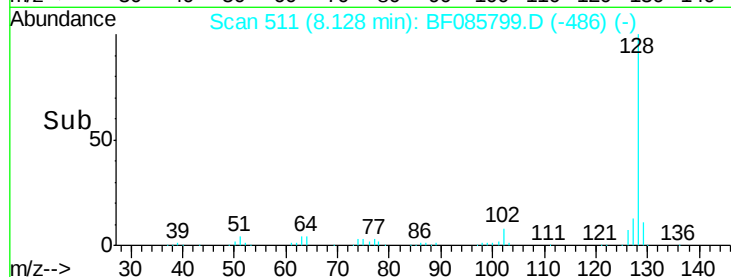
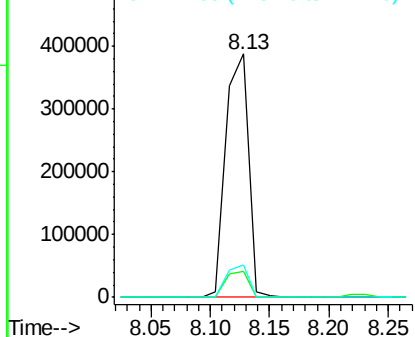
#31
Naphthalene
Concen: 22.37 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

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

Tgt Ion:128 Resp: 513663
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.0
127 13.5 11.0 16.6

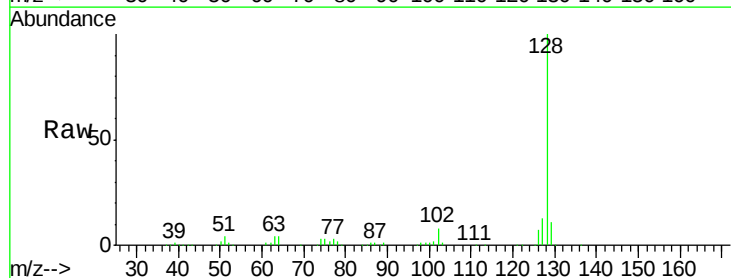


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

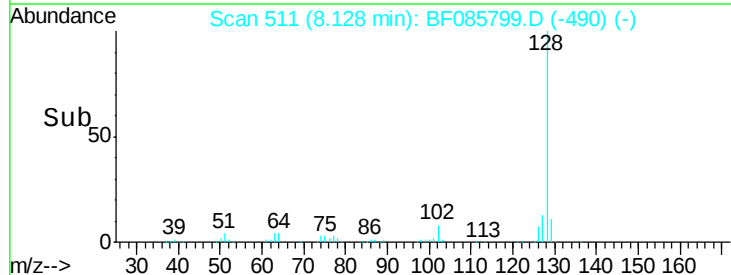
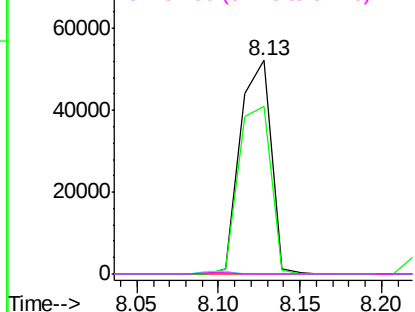


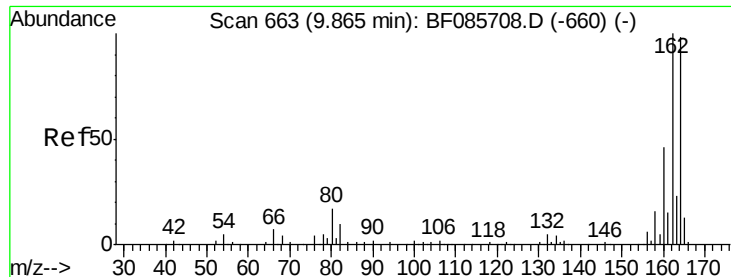
#33
4-Chloroaniline
Concen: 7.26 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.06 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

Tgt Ion:127 Resp: 68015
Ion Ratio Lower Upper
127 100
129 78.8 26.1 39.1#
65 0.0 19.5 29.3#
92 0.0 14.6 22.0#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

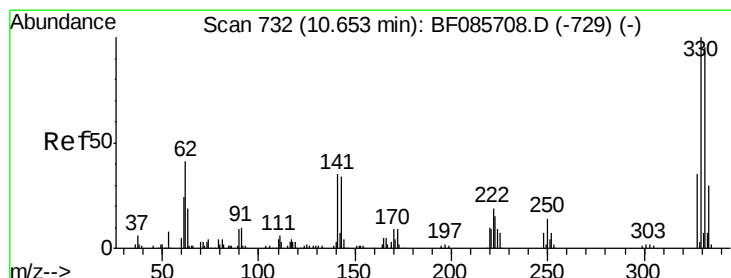
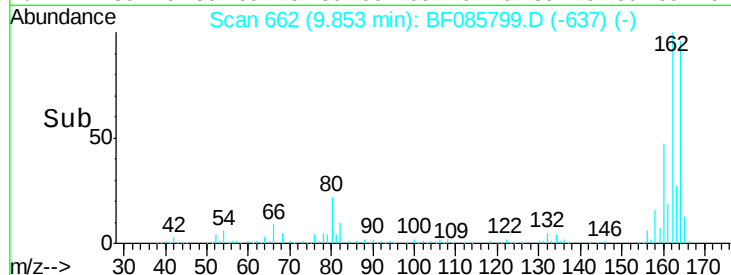
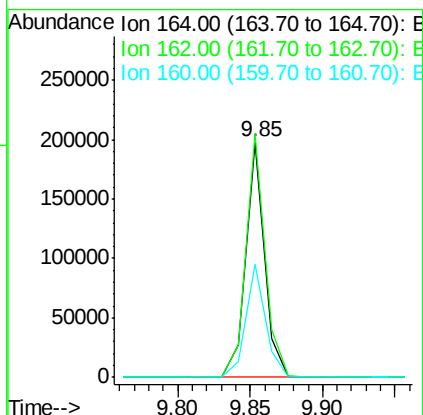
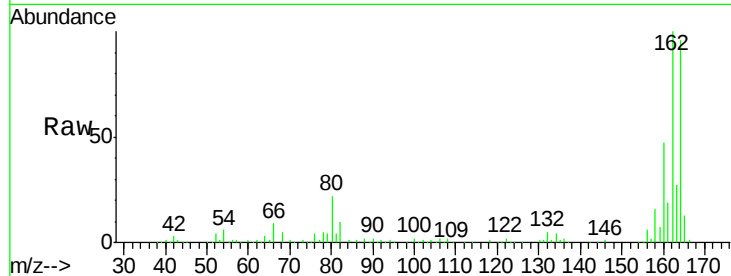




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085799.D
 Acq: 28 Mar 2016 14:04

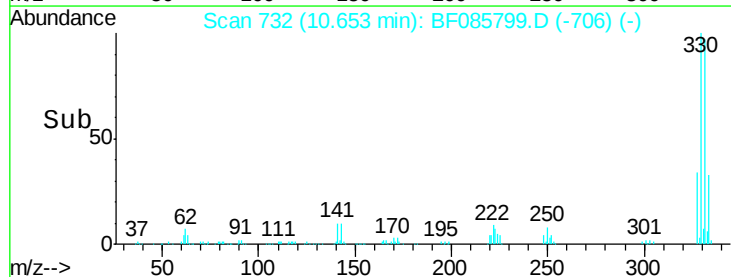
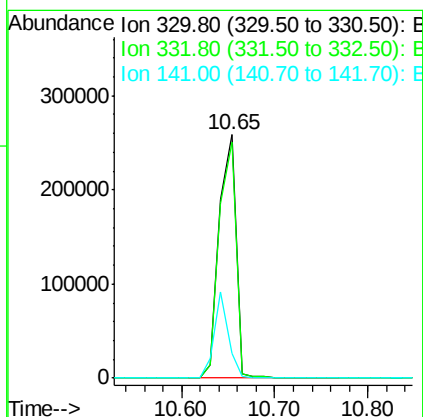
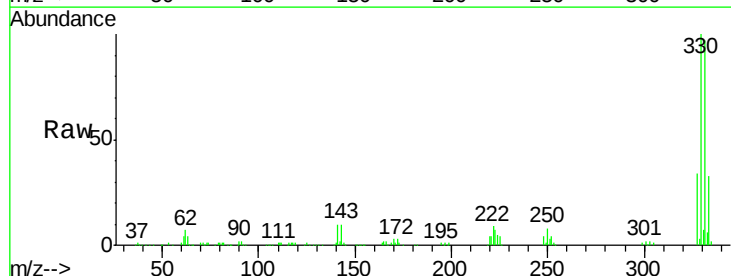
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-15B

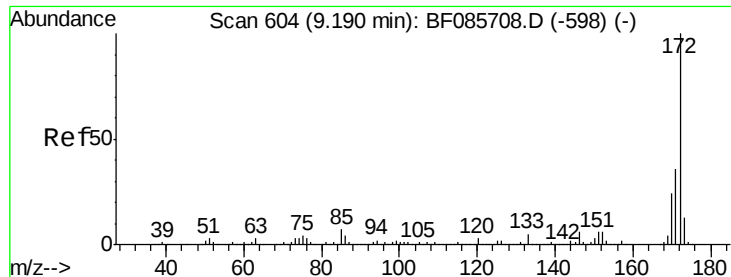
Tgt Ion:164 Resp: 177365
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.1 123.1
 160 48.4 37.4 56.2



#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#

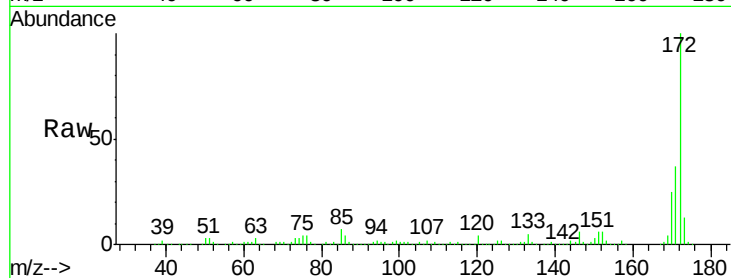




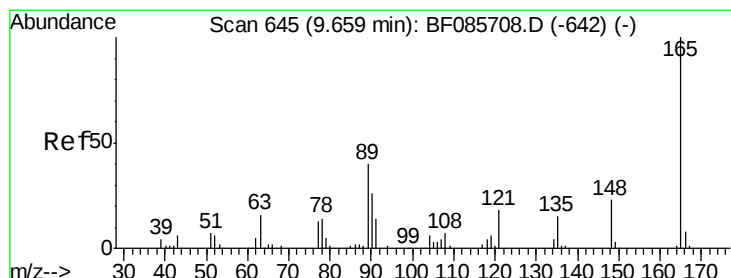
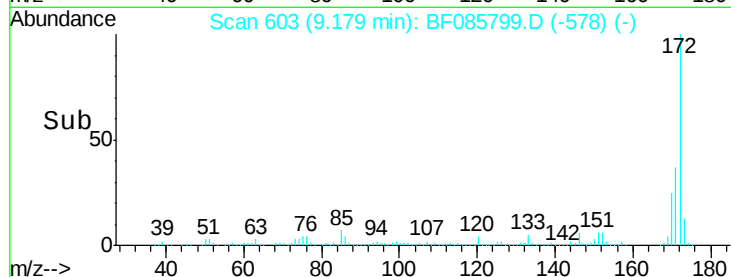
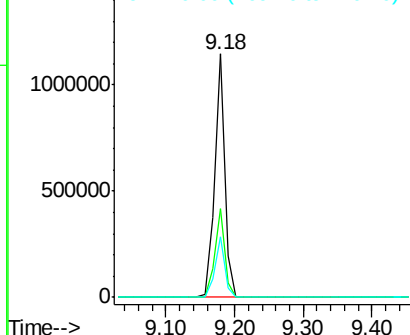
#44
 2-Fluorobiphenyl
 Concen: 112.50 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085799.D
 Acq: 28 Mar 2016 14:04

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

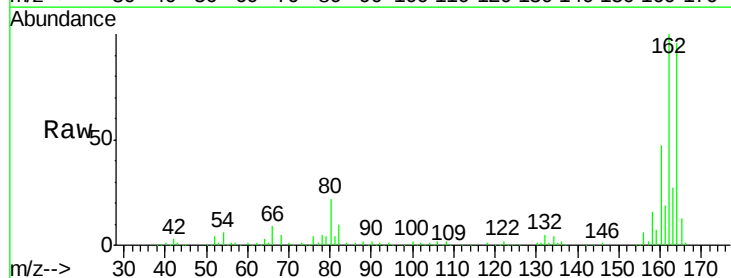


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

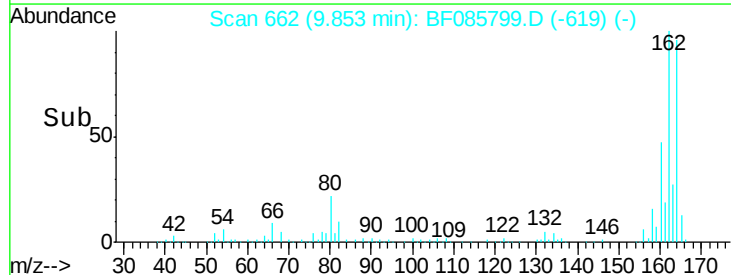
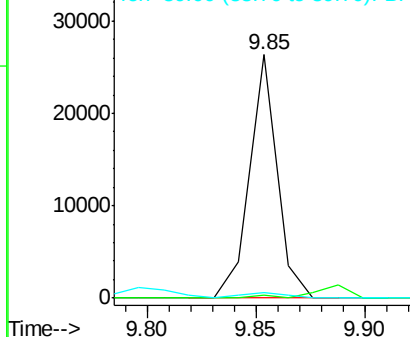


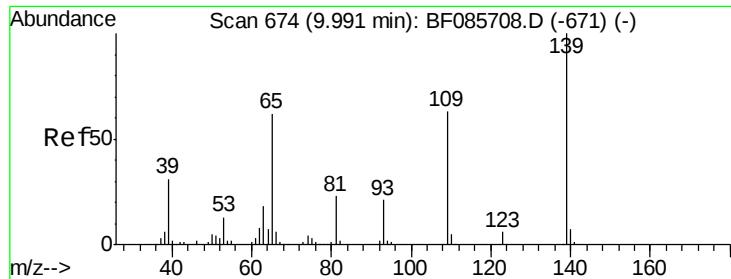
#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085799.D
 Acq: 28 Mar 2016 14:04

Tgt Ion:165 Resp: 23133
 Ion Ratio Lower Upper
 165 100
 63 1.5 51.8 77.8#
 89 2.2 53.7 80.5#



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





#55

4-Nitrophenol

Concen: 3.69 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.07 min

Lab File: BF085799.D

Acq: 28 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15B

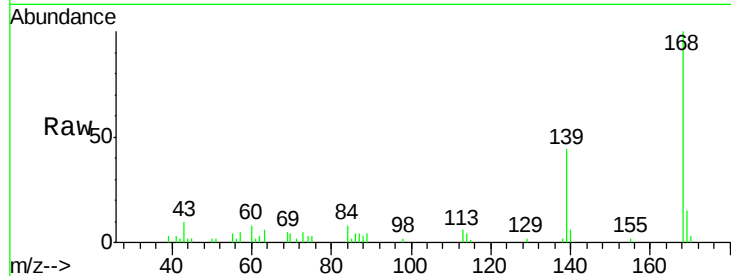
Tgt Ion:139 Resp: 7969

Ion Ratio Lower Upper

139 100

109 0.0 49.2 89.2#

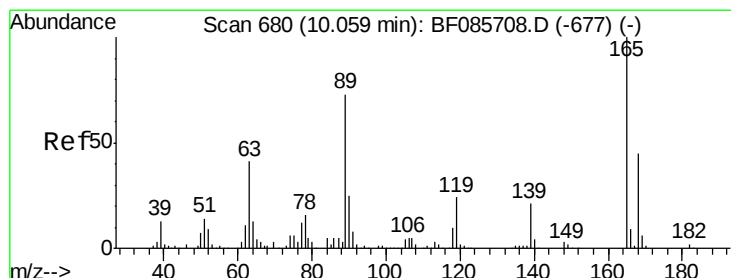
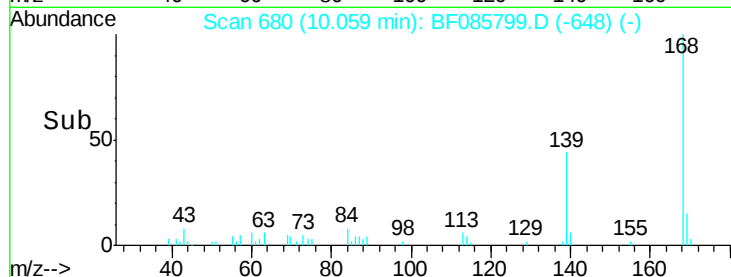
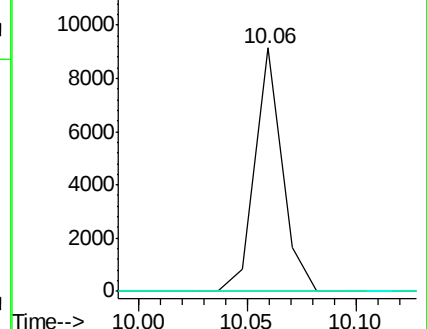
65 0.0 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.28 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.21 min

Lab File: BF085799.D

Acq: 28 Mar 2016 14:04

Tgt Ion:165 Resp: 23133

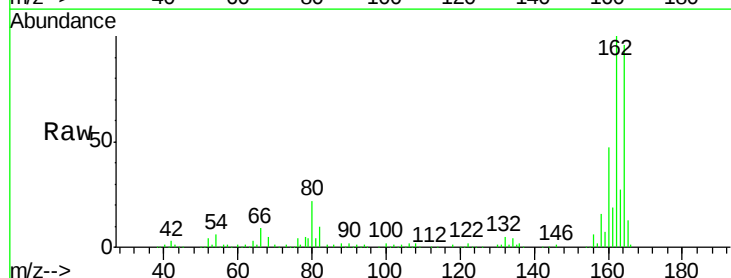
Ion Ratio Lower Upper

165 100

63 1.5 24.9 37.3#

89 2.2 41.0 61.6#

182 0.0 2.1 3.1#

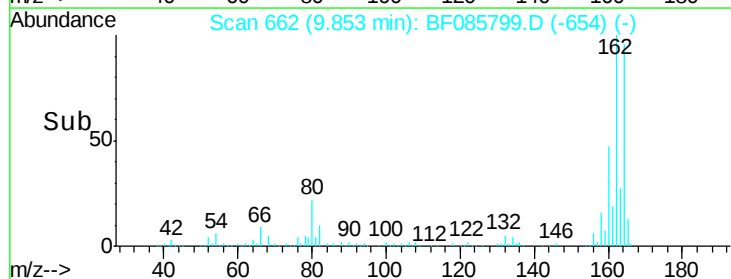
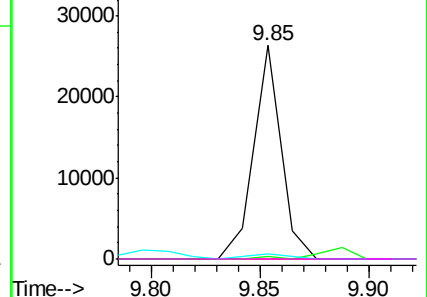


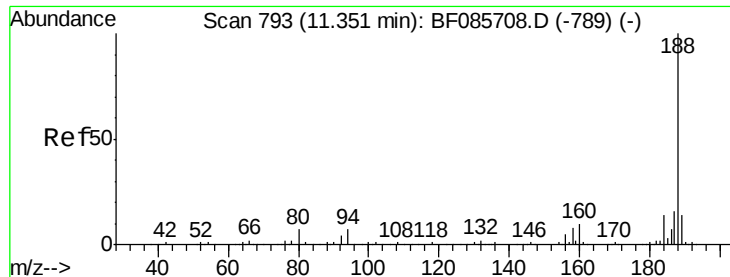
Abundance Ion 165.00 (164.70 to 165.70): E

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

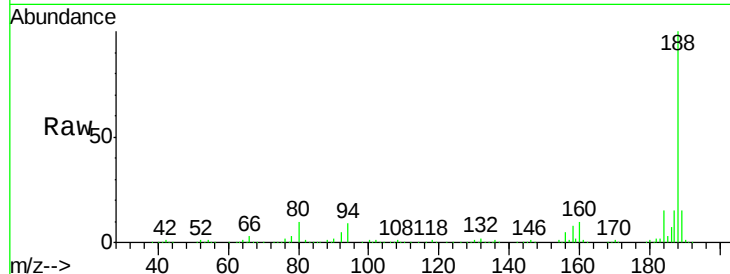




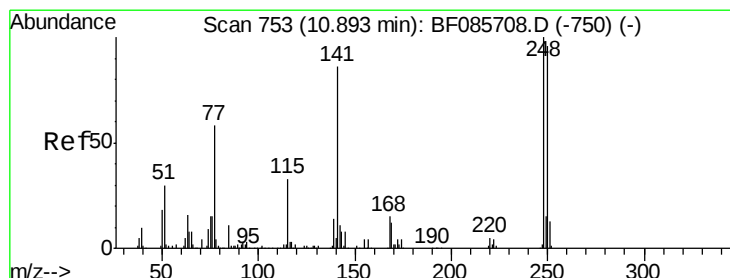
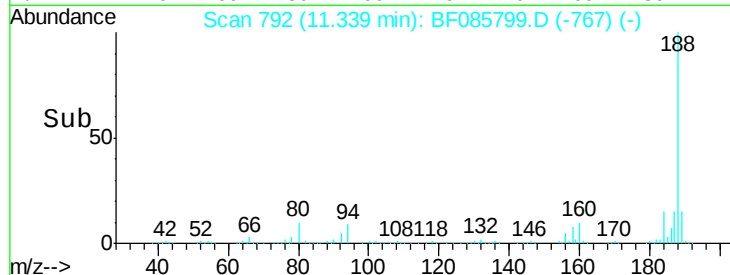
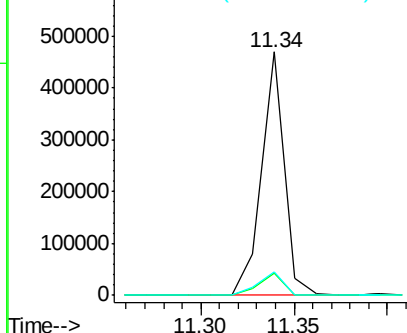
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

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

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

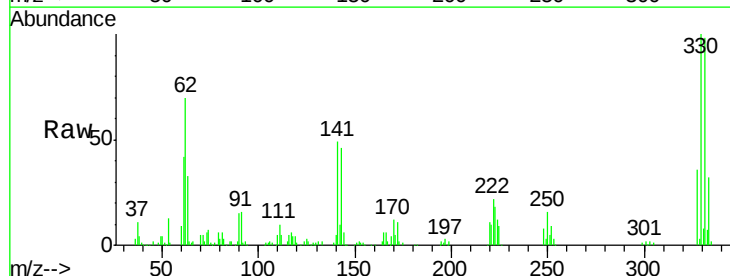


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

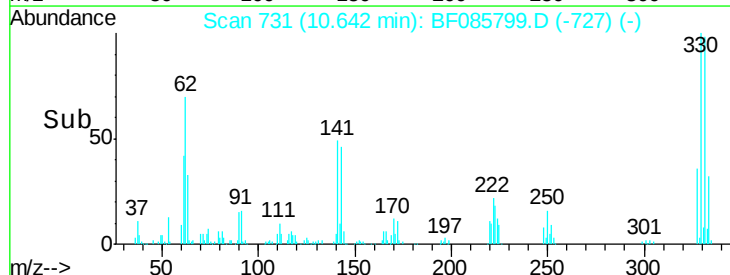
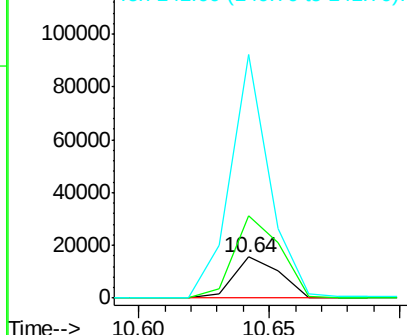


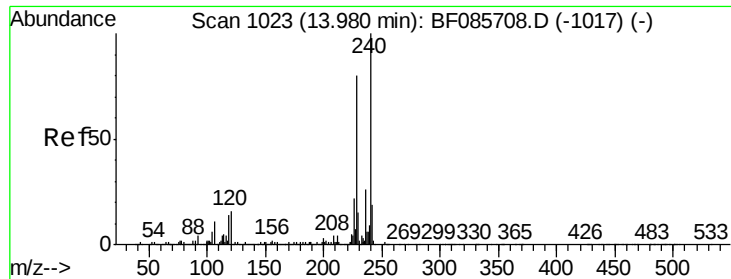
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.25 min
Lab File: BF085799.D
Acq: 28 Mar 2016 14:04

Tgt Ion:248 Resp: 19001
Ion Ratio Lower Upper
248 100
250 200.5 77.4 116.0#
141 593.3 63.6 95.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15B

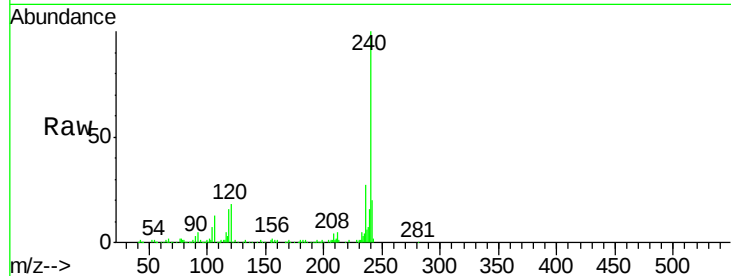
Tgt Ion:240 Resp: 249320

Ion Ratio Lower Upper

240 100

120 18.1 13.8 20.8

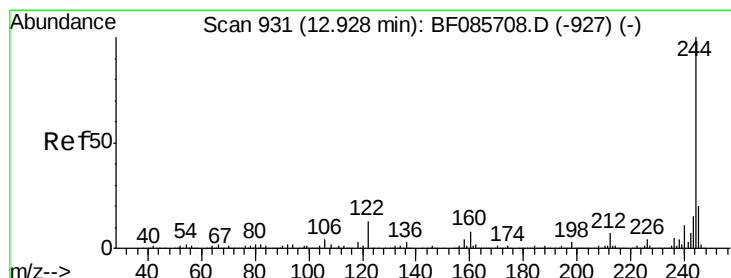
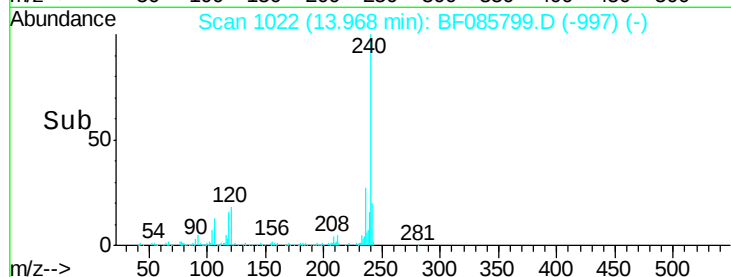
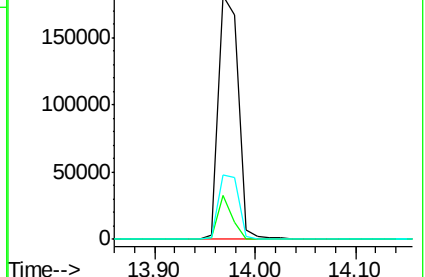
236 26.7 20.6 30.8



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: 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

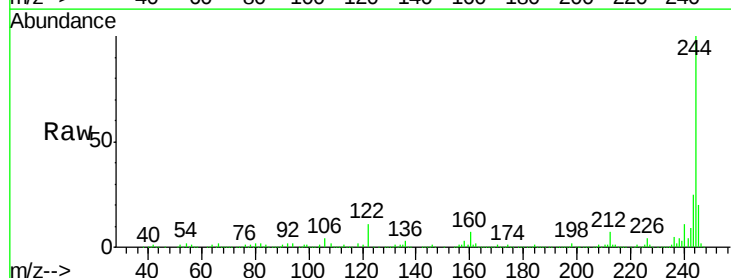
Tgt Ion:244 Resp: 1248544

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

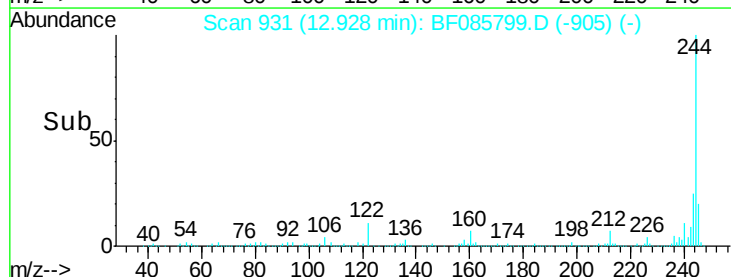
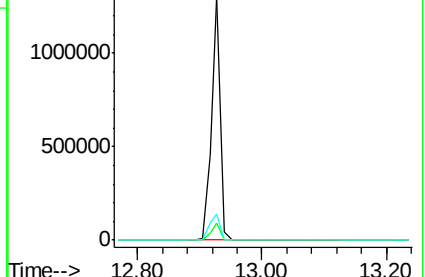
122 10.8 10.2 15.4

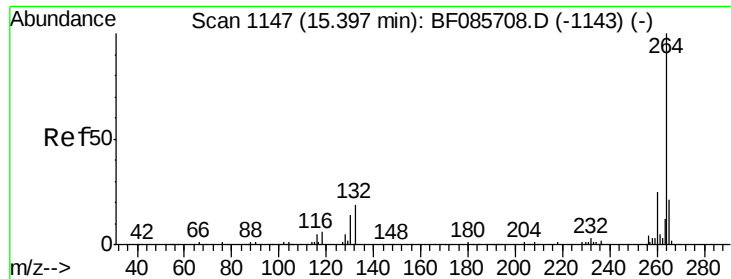


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 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

