

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085029.D
 Acq On : 11 Feb 2016 20:31
 Operator : SJ/IZ
 Sample : H1377-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB01-020516

Quant Time: Feb 11 22:36:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	147207	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	644692	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	302148	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	496939	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	336463	20.00	ng	-0.02
86) Perylene-d12	15.11	264	301864	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	865819	91.61	ng	0.00
7) Phenol-d6	6.26	99	785763	67.07	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1152824	100.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	408638	129.66	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1913002	128.47	ng	-0.01
78) Terphenyl-d14	12.72	244	1715826	115.56	ng	-0.01

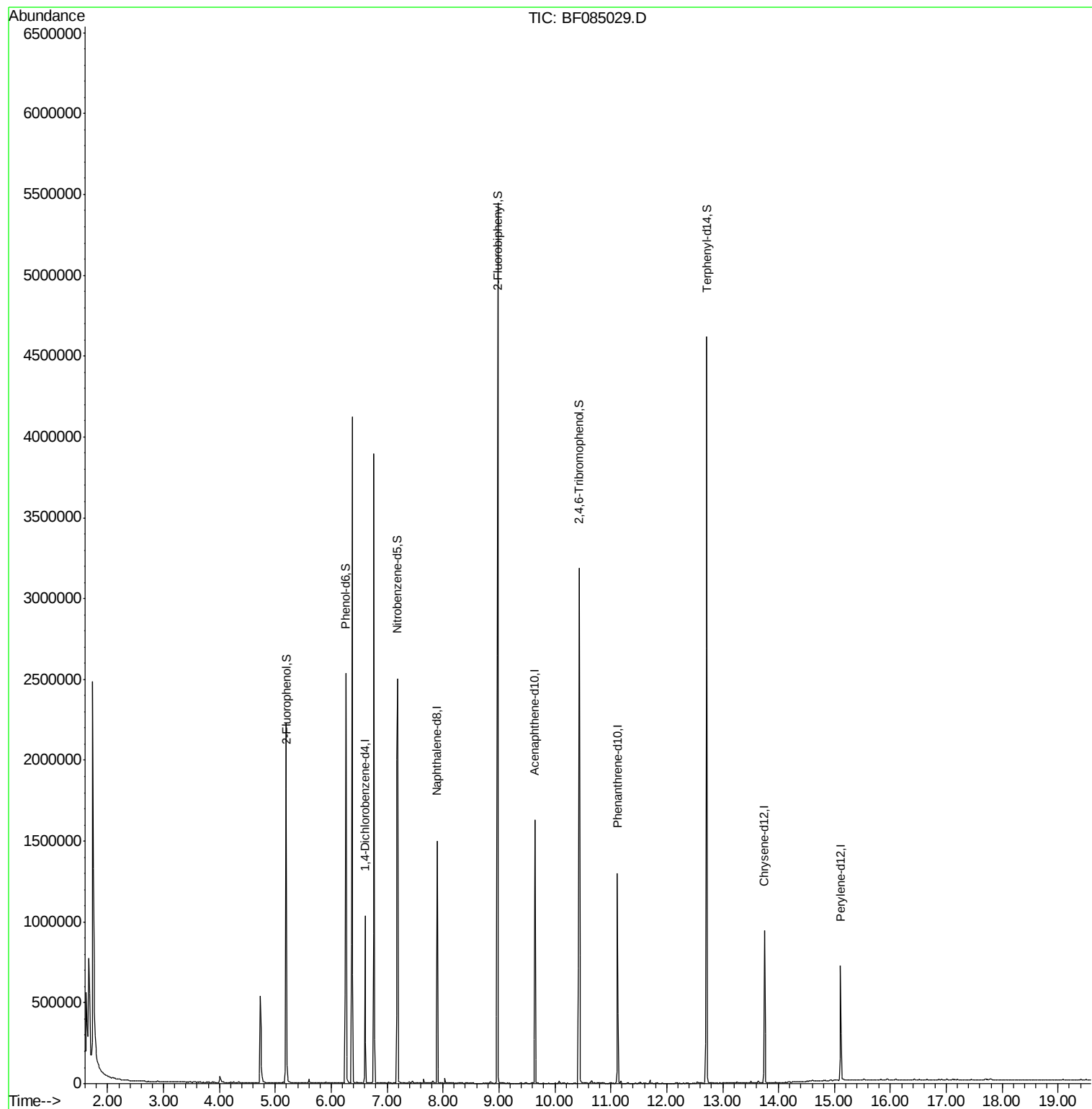
Target Compounds	Qvalue
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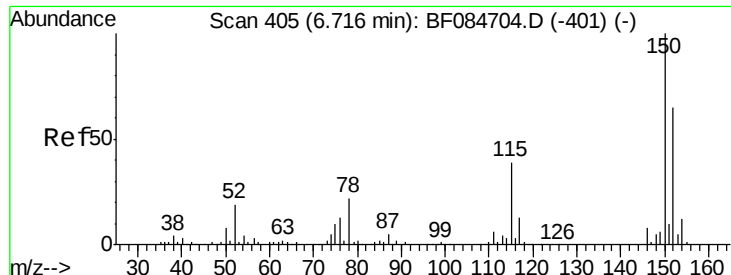
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085029.D

Acq: 11 Feb 2016 20:31

Instrument :

BNA_F

ClientSampleId :

FB01-020516

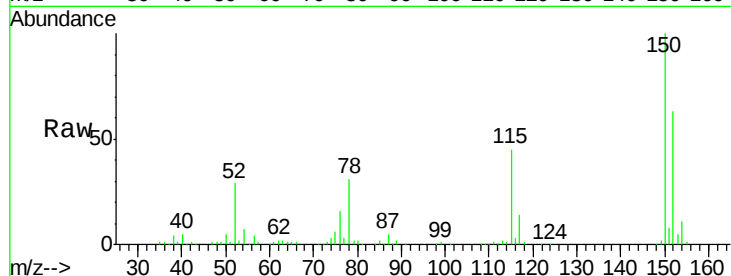
Tgt Ion:152 Resp: 147207

Ion Ratio Lower Upper

152 100

150 158.4 123.0 184.4

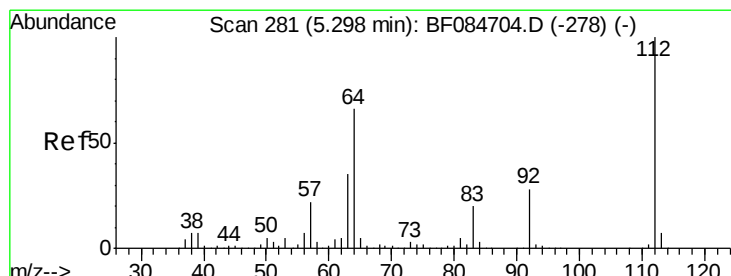
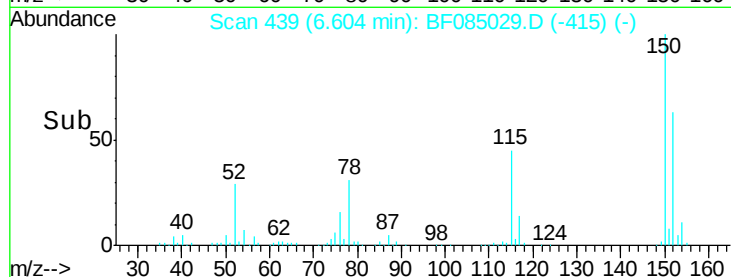
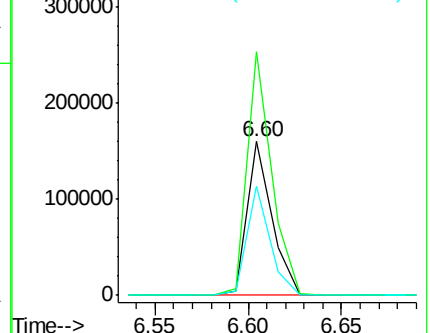
115 71.4 51.4 77.2



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: 91.61 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085029.D

Acq: 11 Feb 2016 20:31

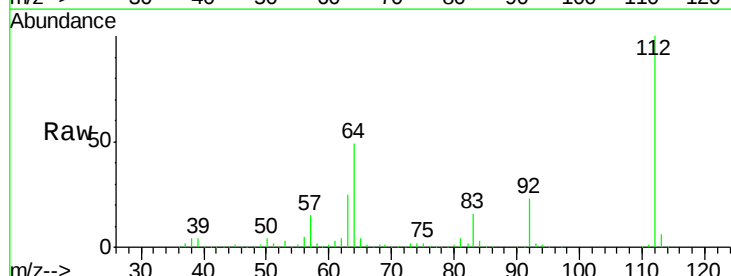
Tgt Ion:112 Resp: 865819

Ion Ratio Lower Upper

112 100

64 49.3 36.6 55.0

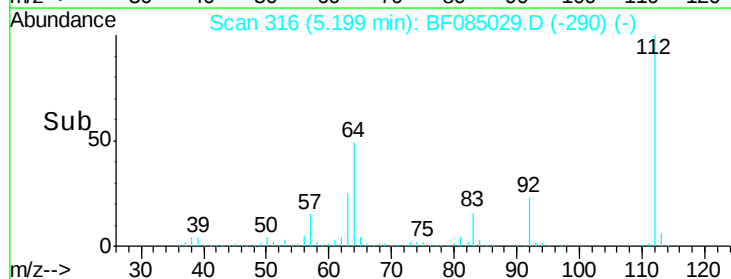
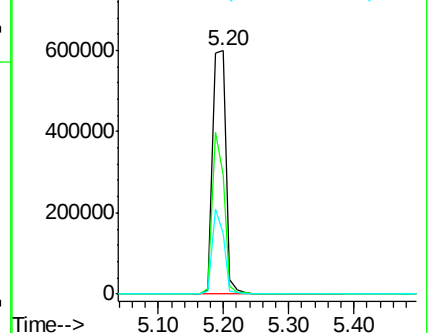
63 24.7 19.4 29.0

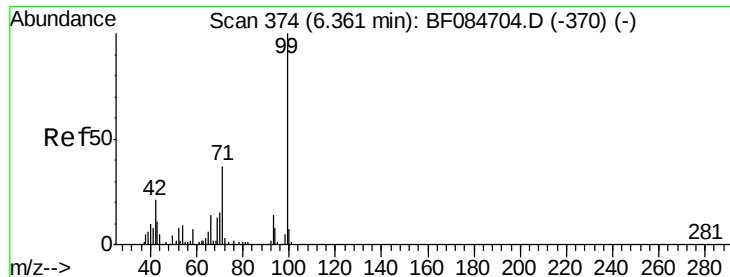


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.07 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085029.D

Acq: 11 Feb 2016 20:31

Instrument :

BNA_F

ClientSampleId :

FB01-020516

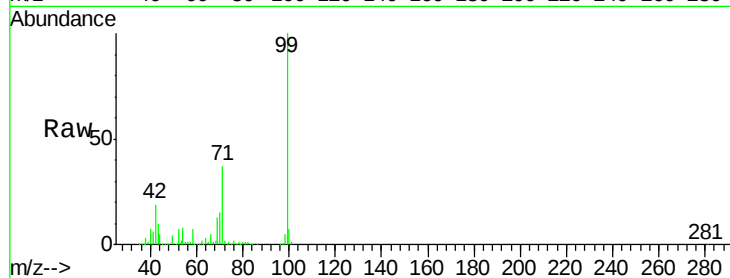
Tgt Ion: 99 Resp: 785763

Ion Ratio Lower Upper

99 100

42 19.5 12.8 19.2#

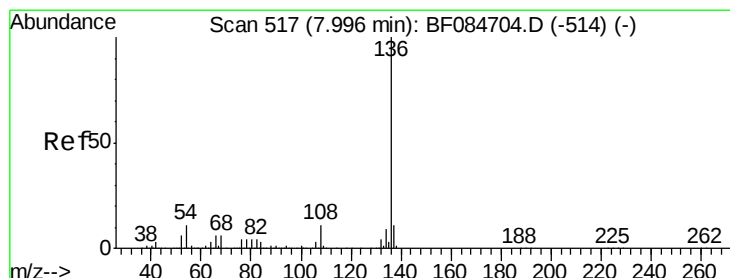
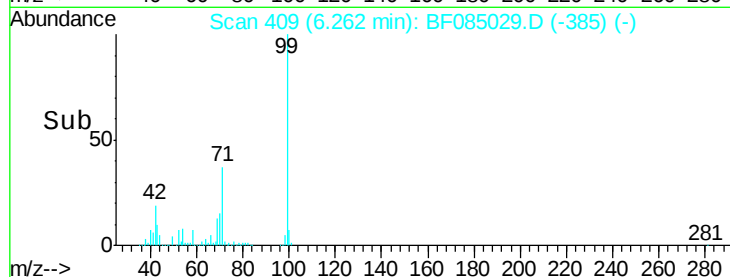
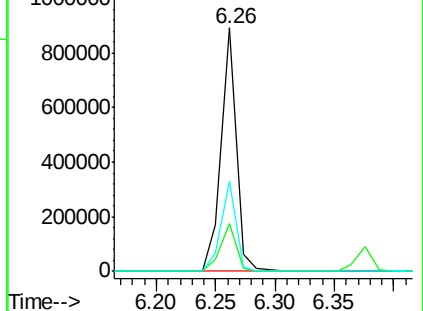
71 36.9 30.9 46.3



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: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085029.D

Acq: 11 Feb 2016 20:31

Tgt Ion: 136 Resp: 644692

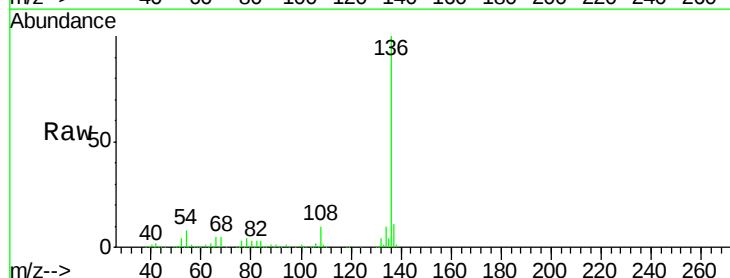
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.0 5.8 8.8

68 4.6 4.2 6.2

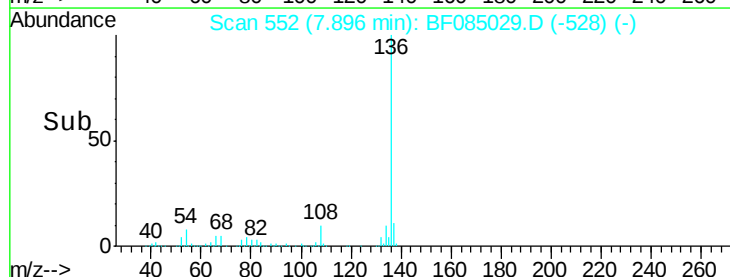
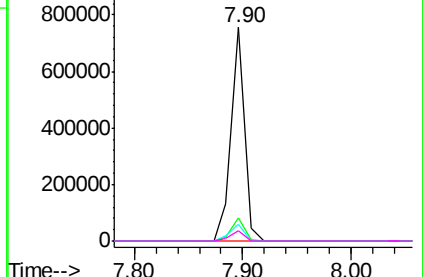


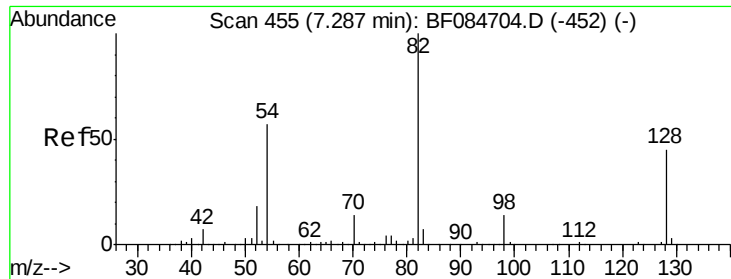
Abundance Ion 136.00 (135.70 to 136.70): E

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

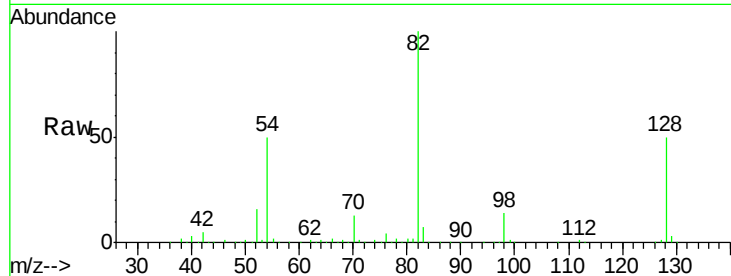




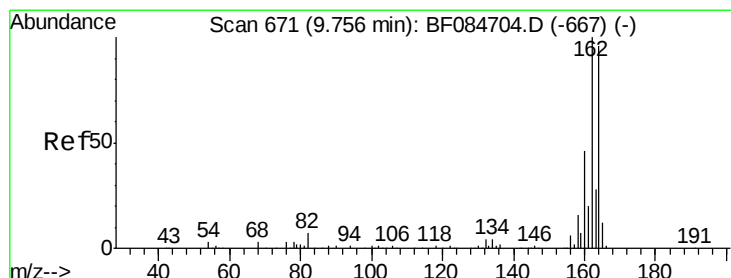
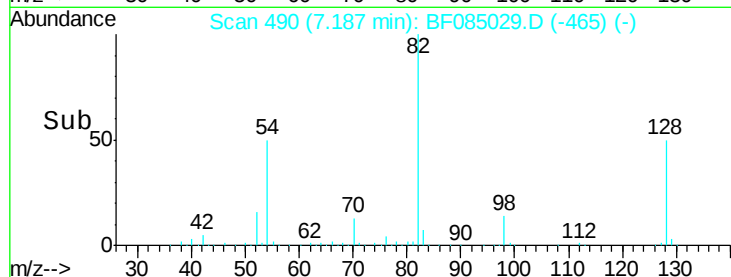
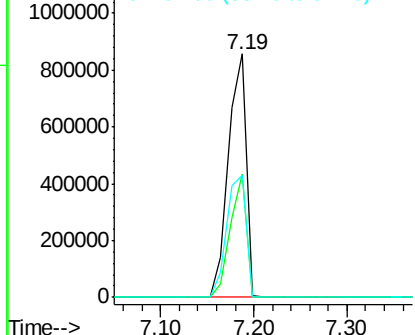
#23
 Nitrobenzene-d5
 Concen: 100.73 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085029.D
 Acq: 11 Feb 2016 20:31

Instrument :
 BNA_F
 ClientSampleId :
 FB01-020516

Tgt Ion: 82 Resp: 1152824
 Ion Ratio Lower Upper
 82 100
 128 50.4 34.6 51.8
 54 49.9 38.4 57.6

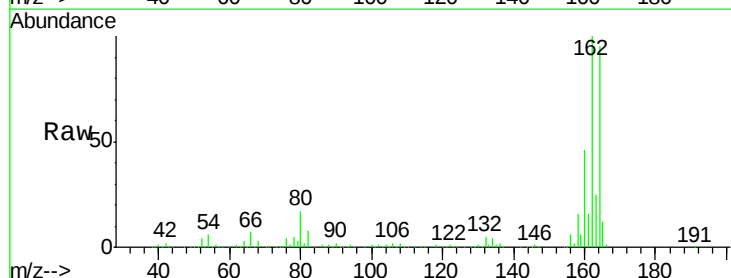


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

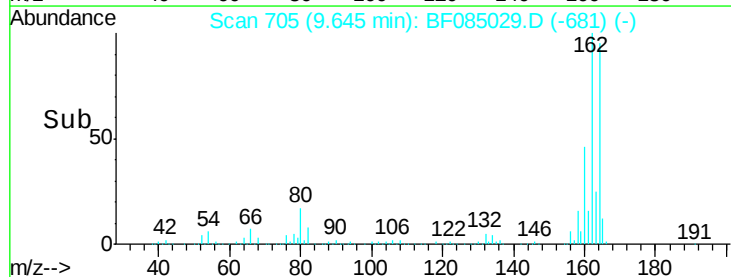
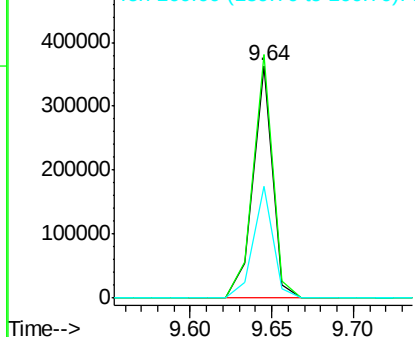


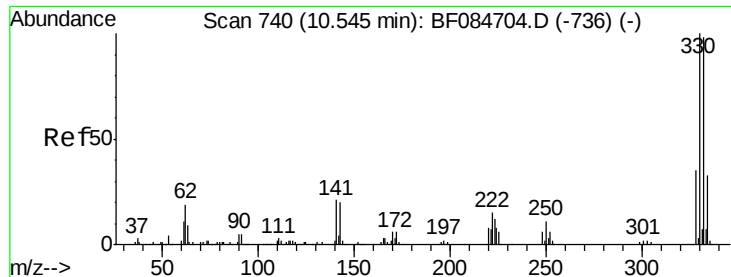
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085029.D
 Acq: 11 Feb 2016 20:31

Tgt Ion: 164 Resp: 302148
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.1 127.7
 160 48.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

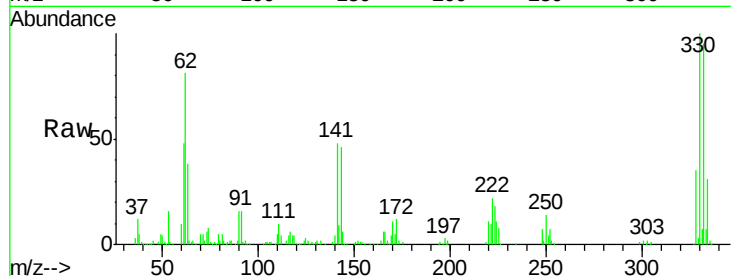




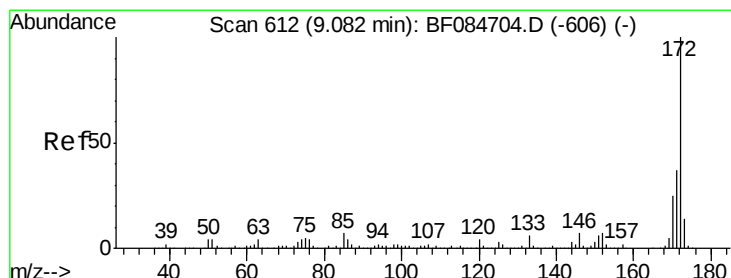
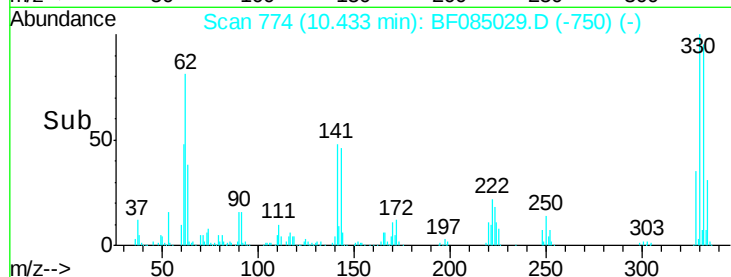
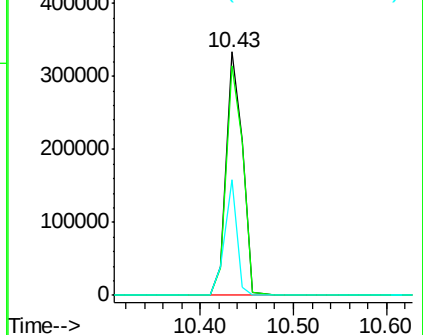
#41
 2,4,6-Tribromophenol
 Concen: 129.66 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085029.D
 Acq: 11 Feb 2016 20:31

Instrument :
 BNA_F
 ClientSampleId :
 FB01-020516

Tgt Ion:330 Resp: 408638
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 35.7 27.8 41.6

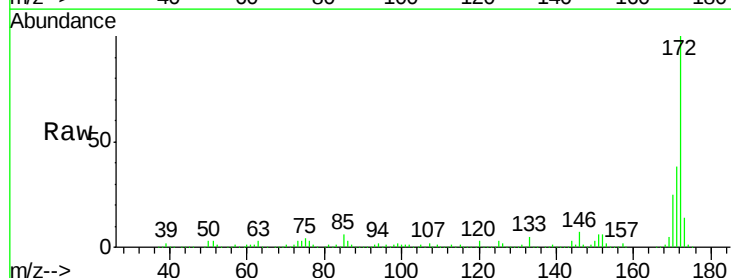


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

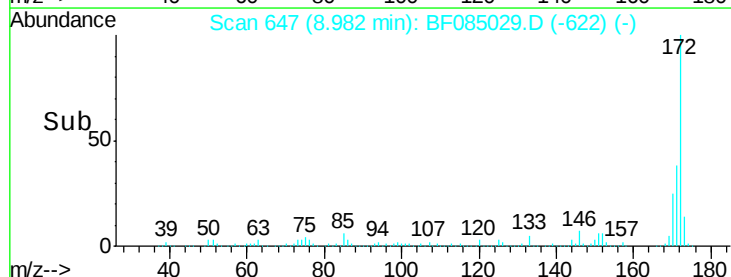
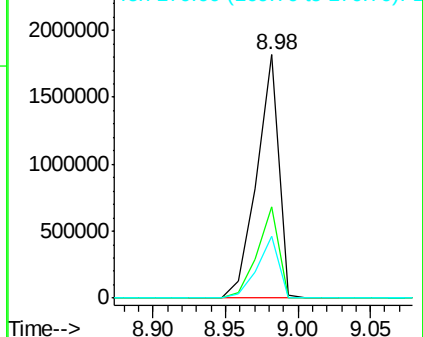


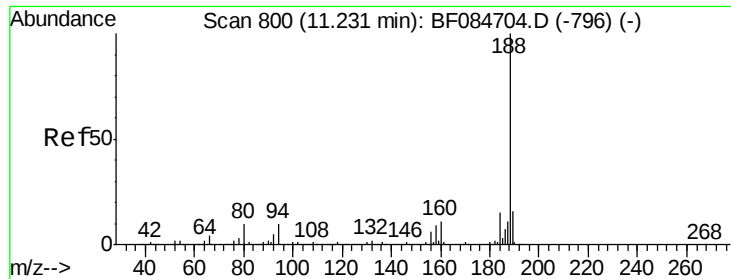
#44
 2-Fluorobiphenyl
 Concen: 128.47 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085029.D
 Acq: 11 Feb 2016 20:31

Tgt Ion:172 Resp: 1913002
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.4 18.6 27.8



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

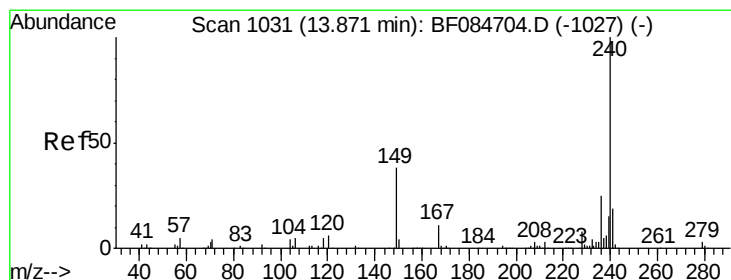
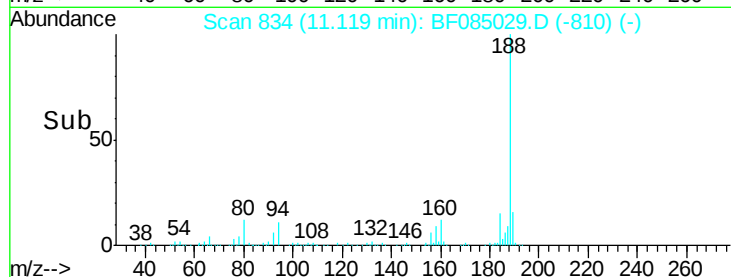
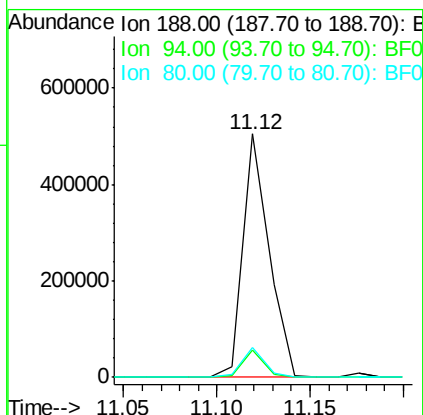
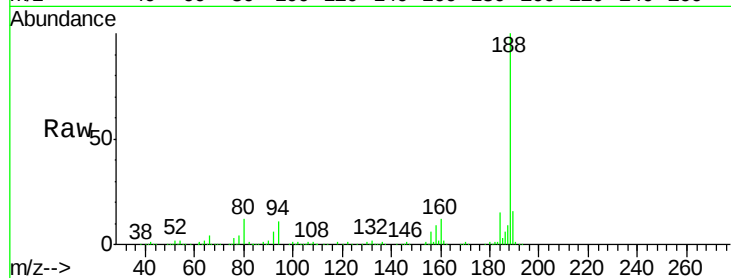




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085029.D
Acq: 11 Feb 2016 20:31

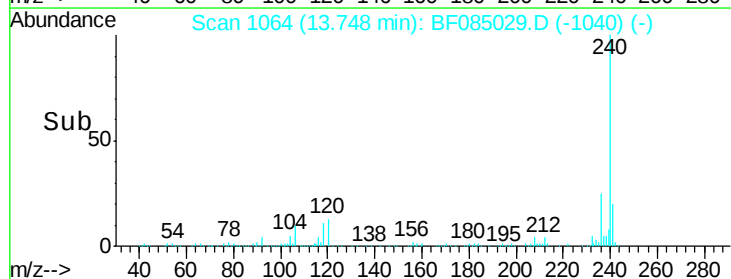
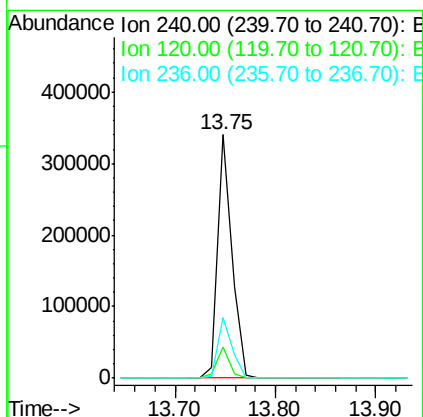
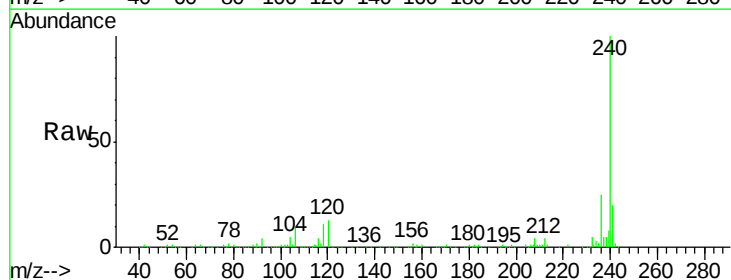
Instrument :
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FB01-020516

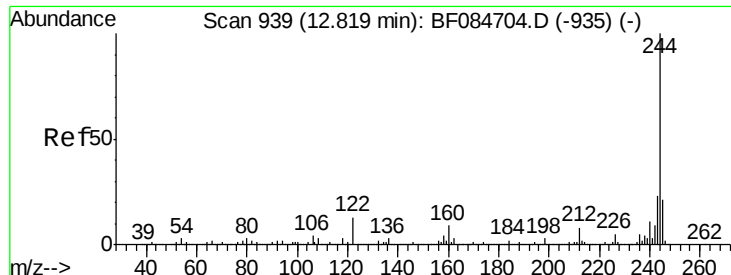
Tgt Ion:188 Resp: 496939
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.4
80 12.1 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085029.D
Acq: 11 Feb 2016 20:31

Tgt Ion:240 Resp: 336463
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.0 20.6 31.0





#78

Terphenyl-d14

Concen: 115.56 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085029.D

Acq: 11 Feb 2016 20:31

Instrument :

BNA_F

ClientSampleId :

FB01-020516

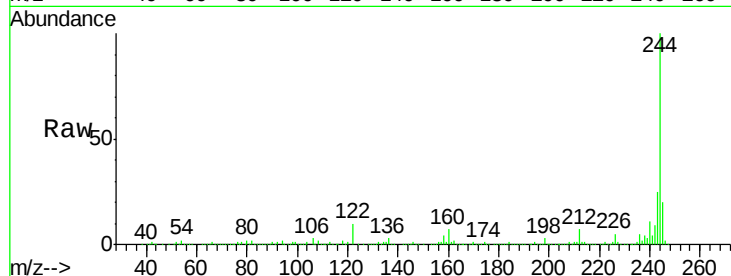
Tgt Ion:244 Resp: 1715826

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

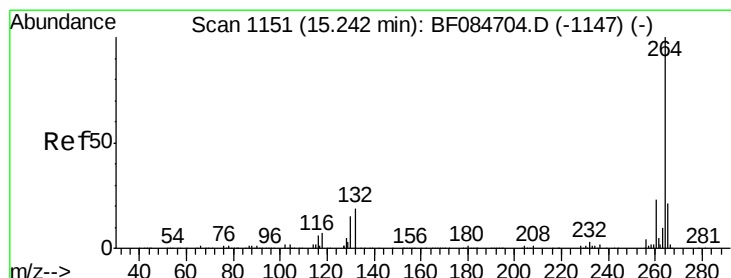
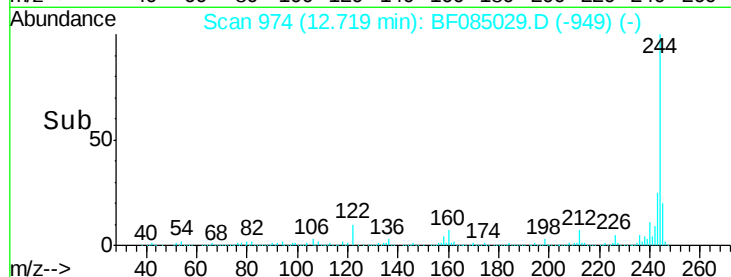
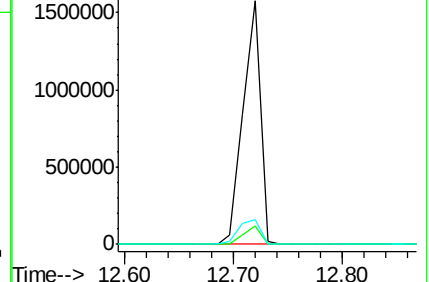
122 9.9 7.4 11.0



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: 15.11 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF085029.D

Acq: 11 Feb 2016 20:31

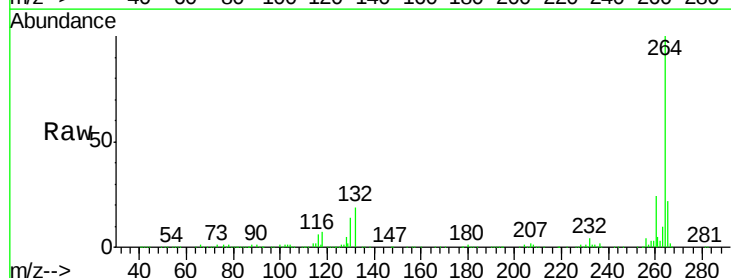
Tgt Ion:264 Resp: 301864

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.0 17.8 26.6



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

