

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096648.D
 Acq On : 11 Jul 2017 17:01
 Operator : SJ/JU
 Sample : PB100554BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BL

Quant Time: Jul 11 18:19:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	98634	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	458834	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	198429	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	332513	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	228572	20.00	ng	-0.02
86) Perylene-d12	15.22	264	179960	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	695920	104.14	ng	0.00
7) Phenol-d6	6.33	99	836443	101.81	ng	-0.02
23) Nitrobenzene-d5	7.25	82	496326	65.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	178364	115.08	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	951781	82.01	ng	-0.02
78) Terphenyl-d14	12.78	244	728063	68.06	ng	-0.02

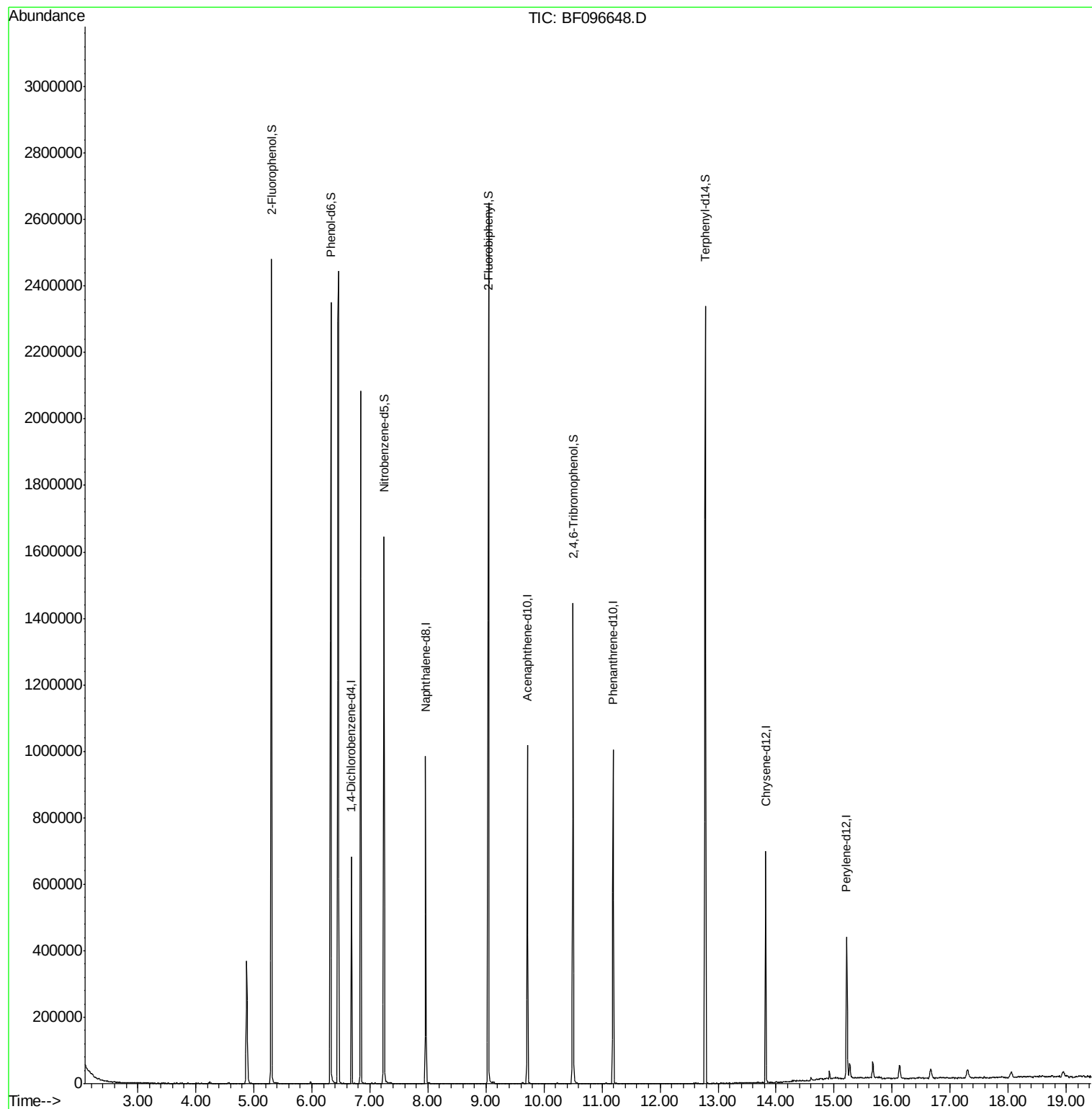
Target Compounds	Qvalue
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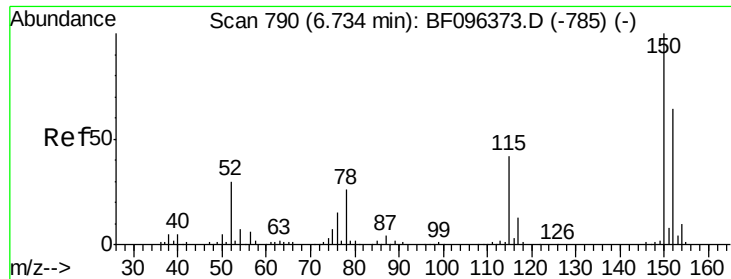
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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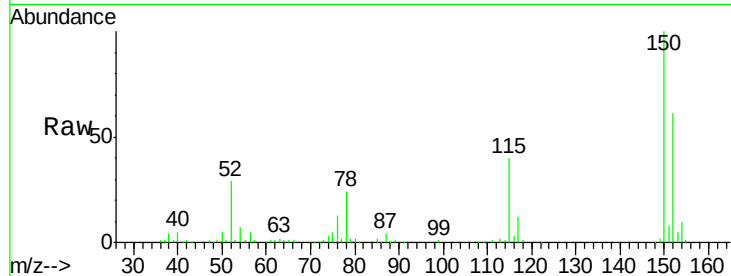


#1

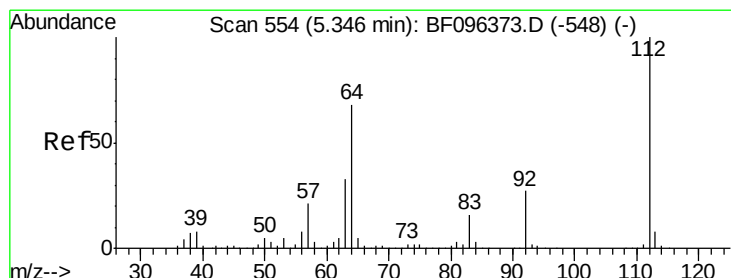
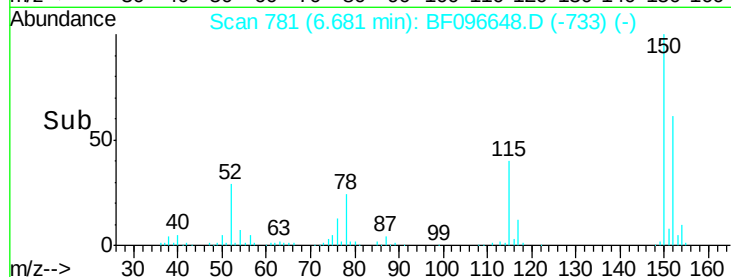
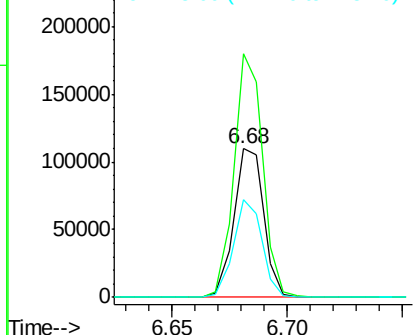
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096648.D
Acq: 11 Jul 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB100554BL

Tgt Ion:152 Resp: 98634
Ion Ratio Lower Upper
152 100
150 164.0 126.2 189.2
115 66.0 52.2 78.2



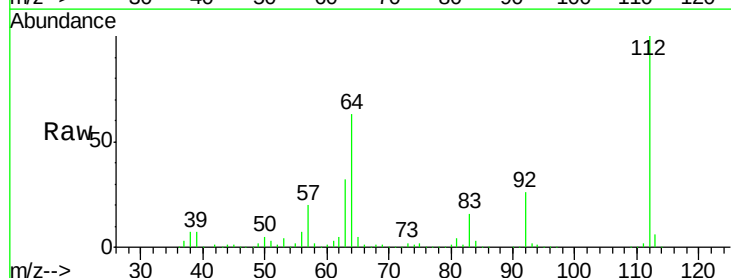
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



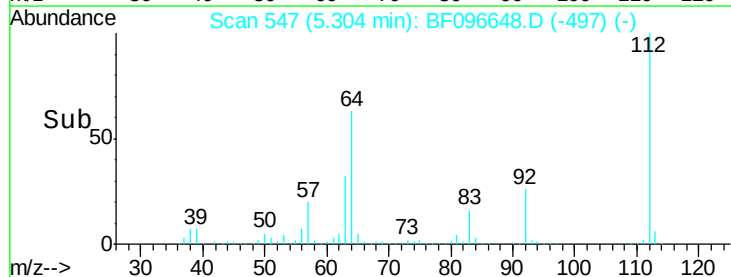
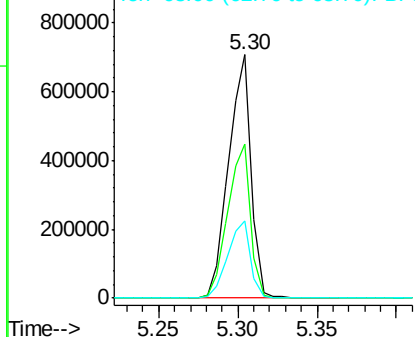
#5

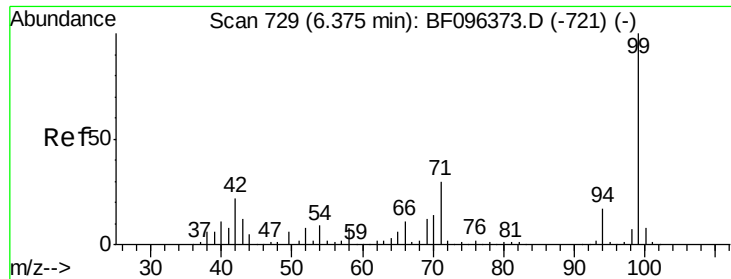
2-Fluorophenol
Concen: 104.138 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF096648.D
Acq: 11 Jul 2017 17:01

Tgt Ion:112 Resp: 695920
Ion Ratio Lower Upper
112 100
64 63.3 46.0 69.0
63 31.6 23.4 35.0



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: 101.814 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096648.D

Acq: 11 Jul 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB100554BL

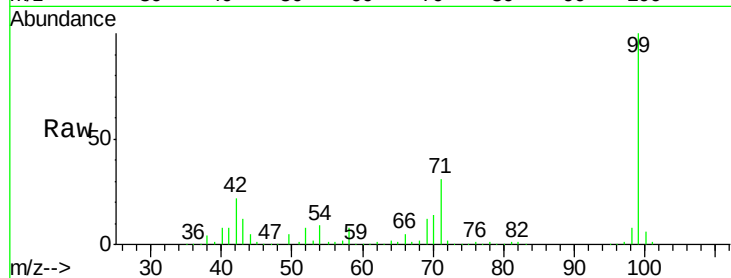
Tgt Ion: 99 Resp: 836443

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

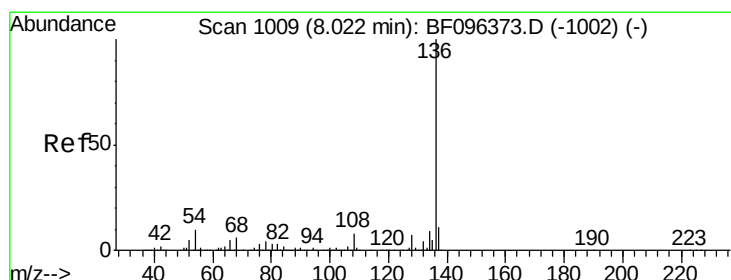
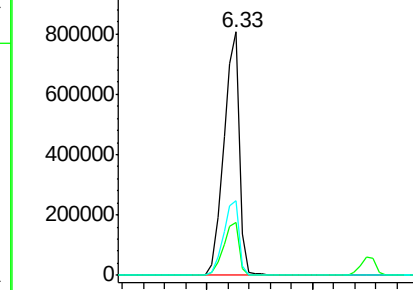
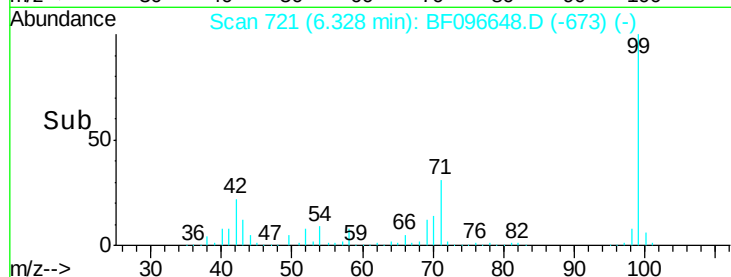
71 30.9 24.5 36.7



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: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096648.D

Acq: 11 Jul 2017 17:01

Tgt Ion: 136 Resp: 458834

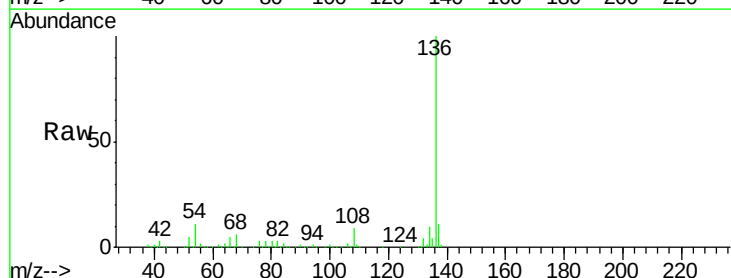
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 11.0 4.9 7.3#

68 5.5 4.1 6.1

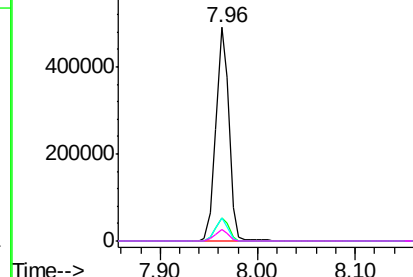
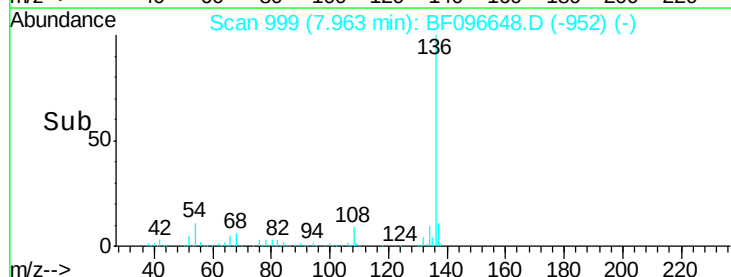


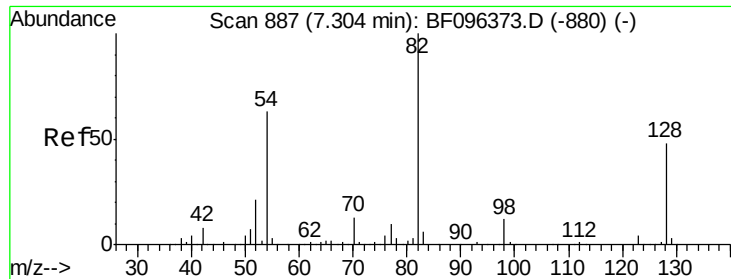
Abundance Ion 136.00 (135.70 to 136.70): E

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

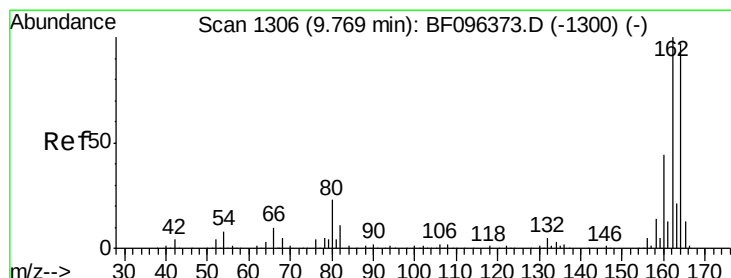
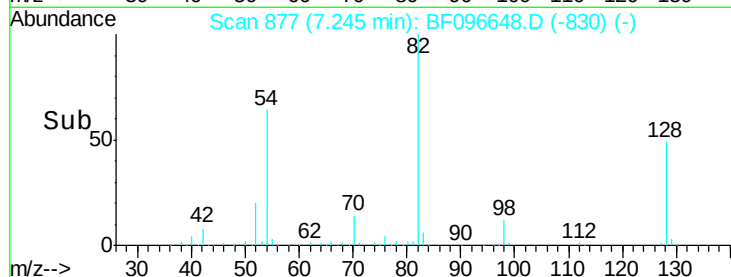
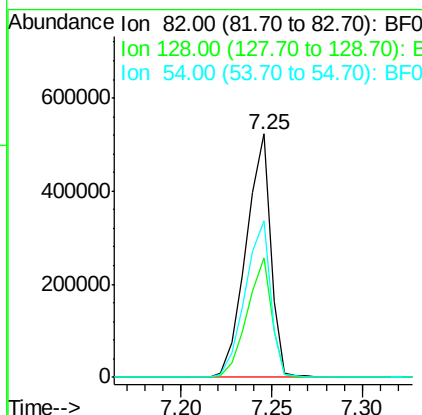
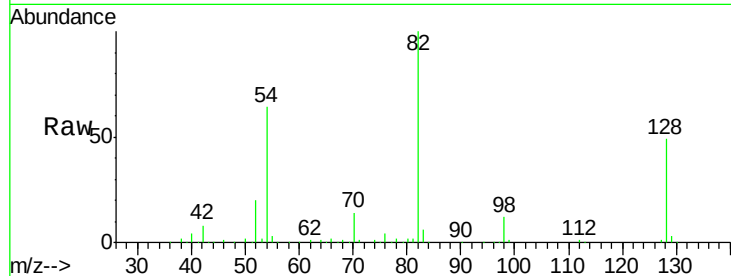




#23
 Nitrobenzene-d5
 Concen: 65.001 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096648.D
 Acq: 11 Jul 2017 17:01

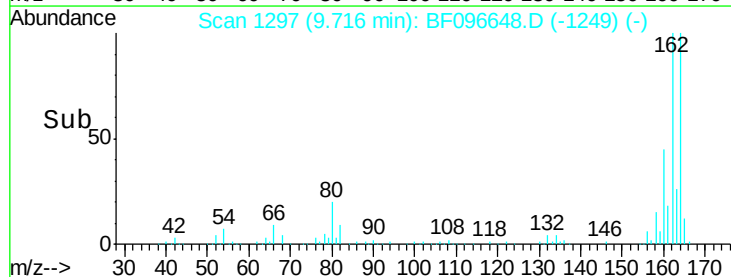
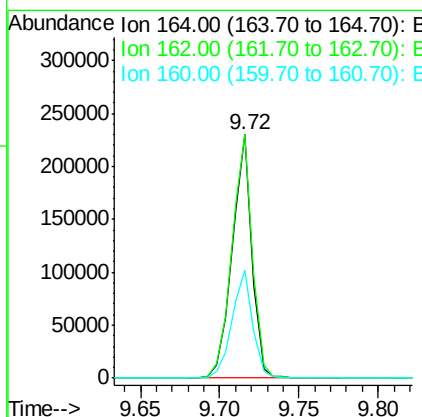
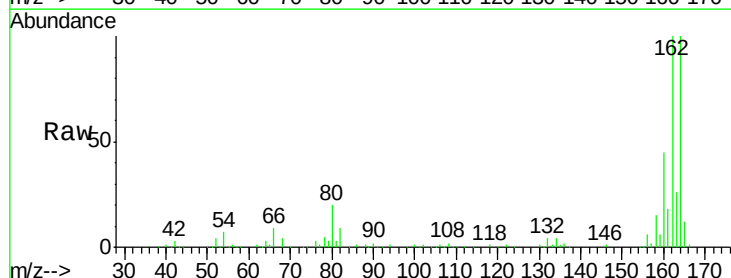
Instrument :
 BNA_F
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 PB100554BL

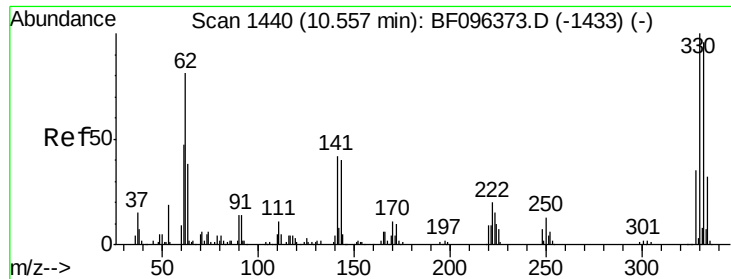
Tgt Ion: 82 Resp: 496326
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 64.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096648.D
 Acq: 11 Jul 2017 17:01

Tgt Ion: 164 Resp: 198429
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 123.8
 160 44.6 36.2 54.2

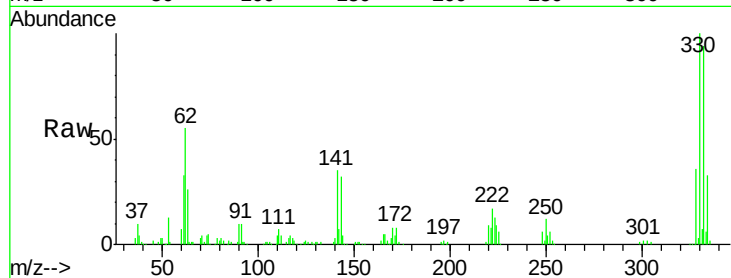




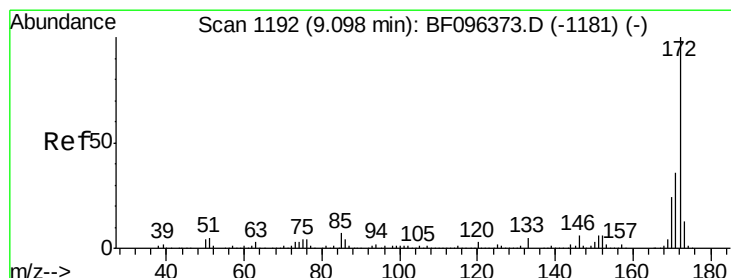
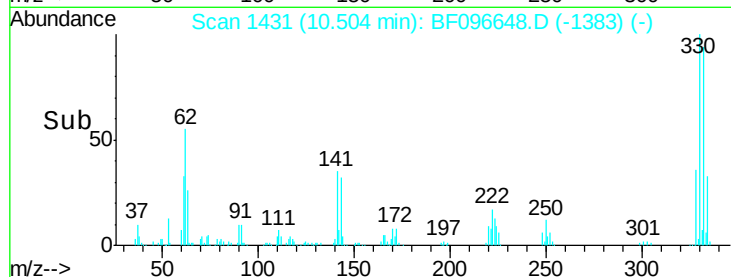
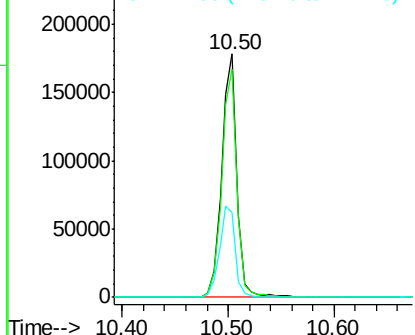
#41
 2,4,6-Tribromophenol
 Concen: 115.075 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096648.D
 Acq: 11 Jul 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BL

Tgt Ion: 330 Resp: 178364
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 39.5 31.4 47.2

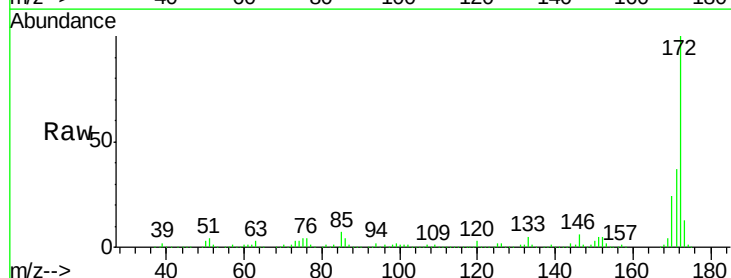


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

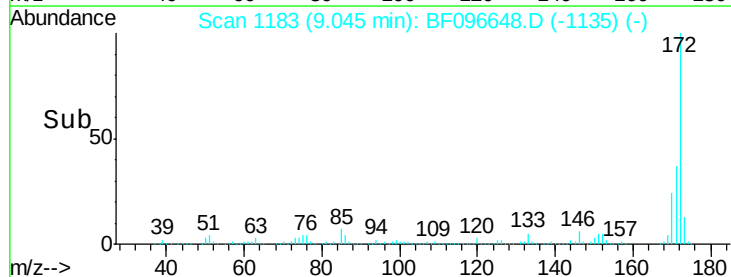
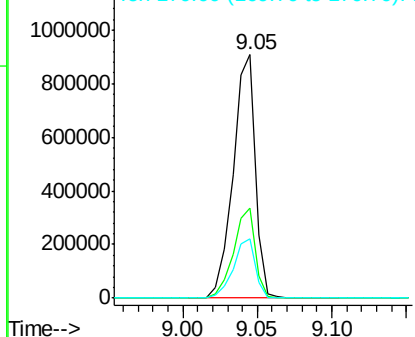


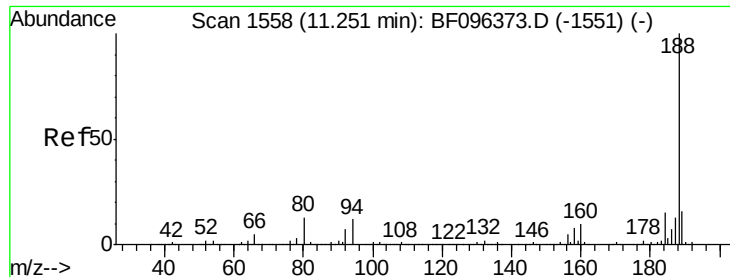
#44
 2-Fluorobiphenyl
 Concen: 82.011 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096648.D
 Acq: 11 Jul 2017 17:01

Tgt Ion: 172 Resp: 951781
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.3 19.8 29.8



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

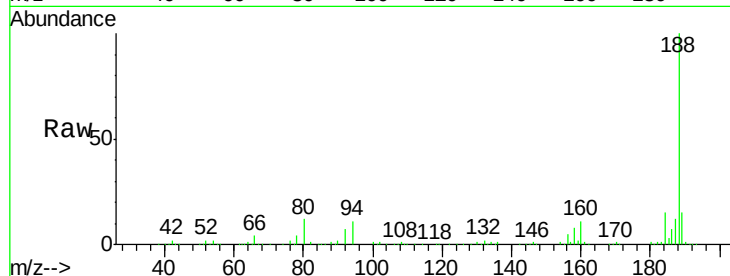




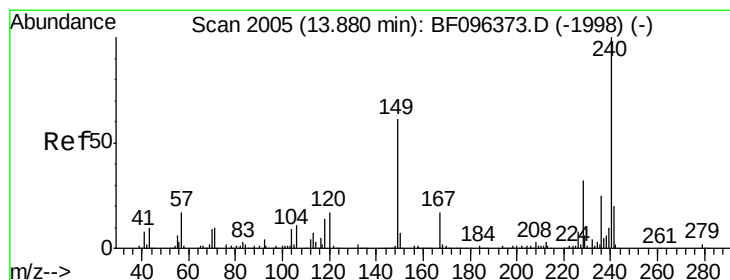
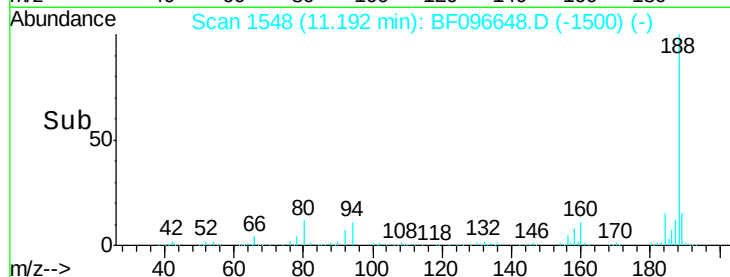
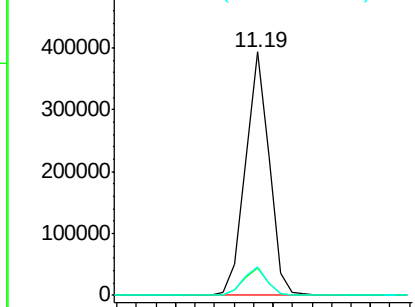
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096648.D
Acq: 11 Jul 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB100554BL

Tgt Ion:188 Resp: 332513
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.0 10.2 15.2

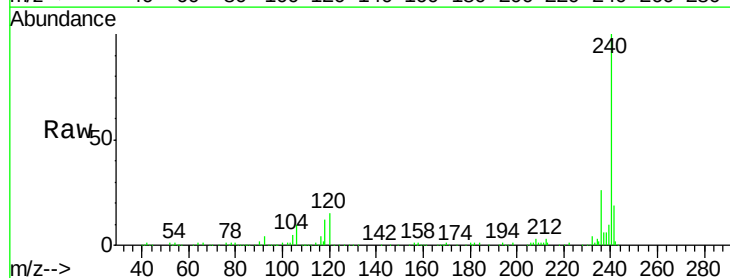


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

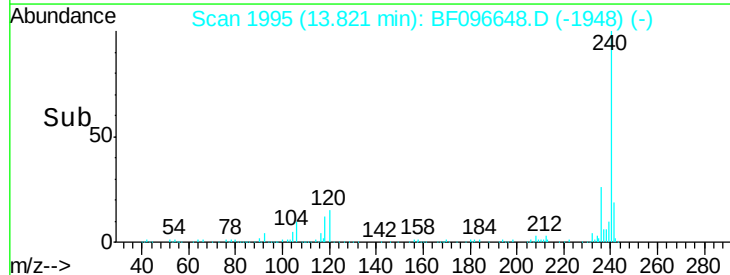
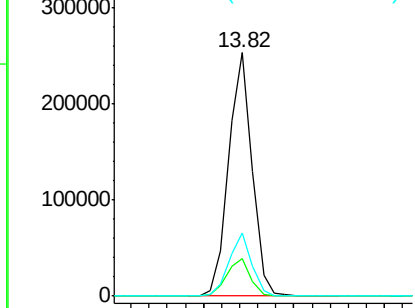


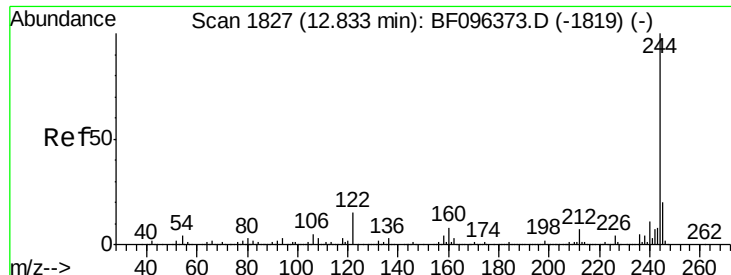
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096648.D
Acq: 11 Jul 2017 17:01

Tgt Ion:240 Resp: 228572
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 25.7 20.5 30.7



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

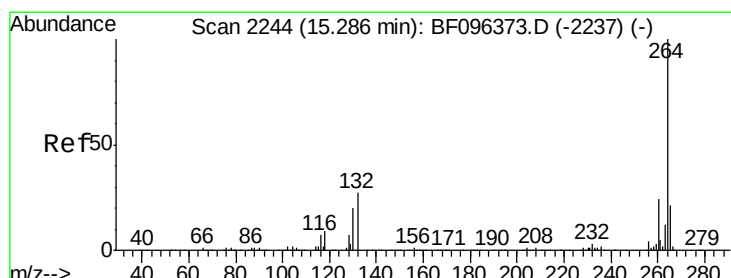
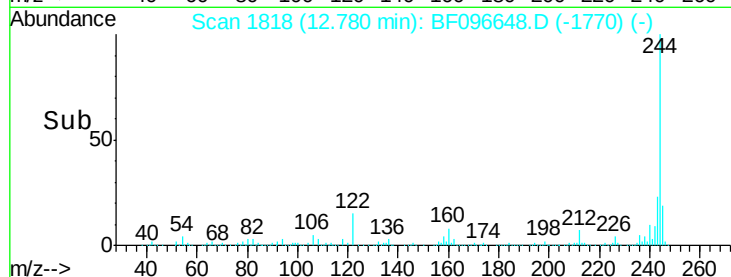
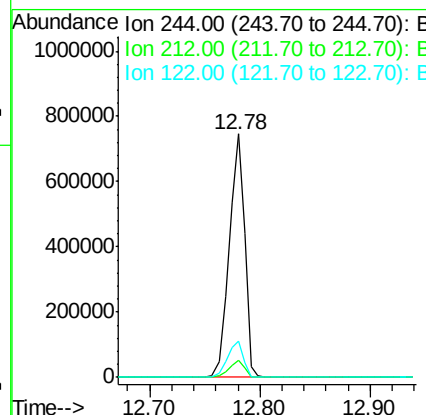
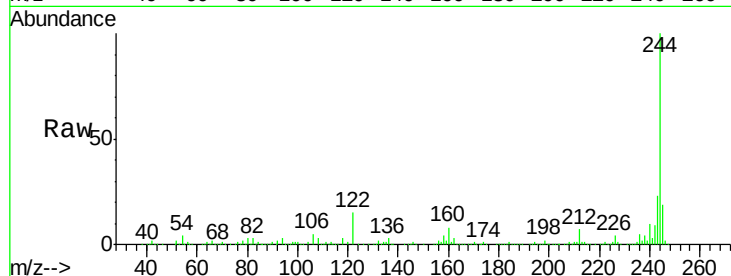




#78
 Terphenyl-d14
 Concen: 68.064 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096648.D
 Acq: 11 Jul 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BL

Tgt Ion:244 Resp: 728063
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.03 min
 Lab File: BF096648.D
 Acq: 11 Jul 2017 17:01

Tgt Ion:264 Resp: 179960
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.8 17.2 25.8

