

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083972.D
 Acq On : 19 Dec 2015 23:26
 Operator : UM/SJ
 Sample : G4823-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9879-B

Quant Time: Dec 21 04:21:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	82816	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	338198	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	150554	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	287785	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	191155	20.00	ng	-0.03
86) Perylene-d12	15.44	264	153503	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	611914	115.63	ng	0.00
7) Phenol-d6	6.50	99	693352	107.04	ng	-0.01
23) Nitrobenzene-d5	7.41	82	476909	80.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	239602	144.46	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	937193	87.88	ng	-0.03
78) Terphenyl-d14	12.96	244	954322	119.25	ng	-0.02

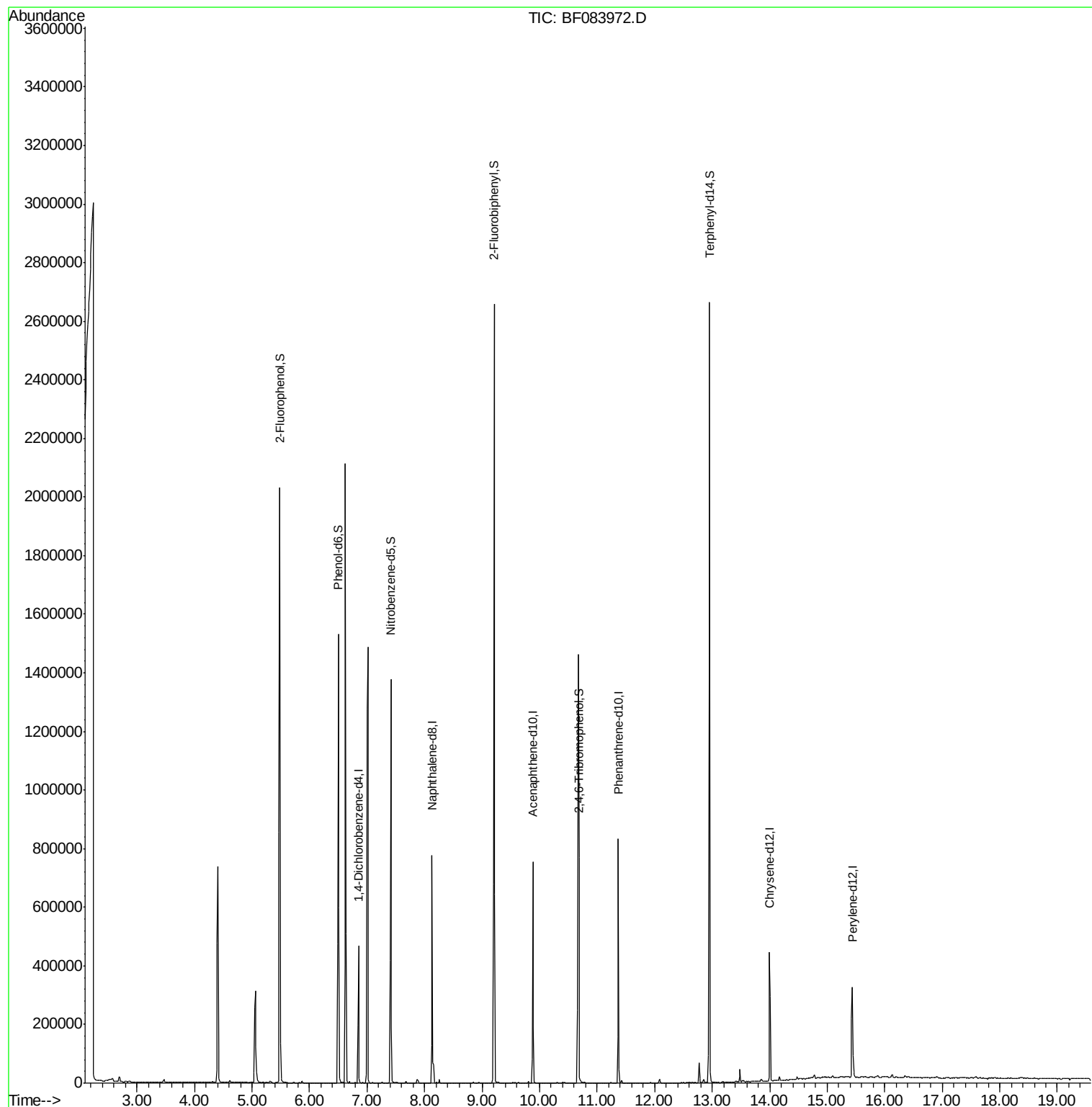
Target Compounds Qvalue

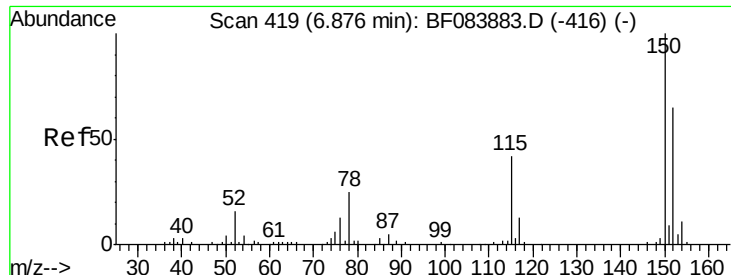
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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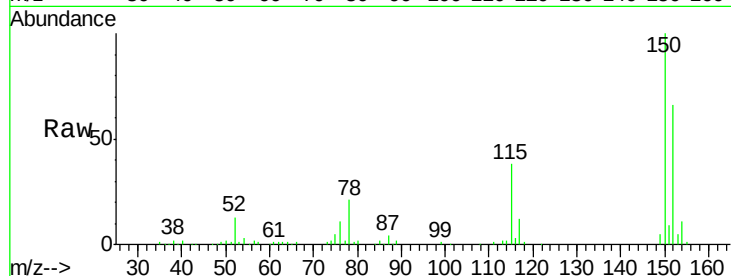


#1

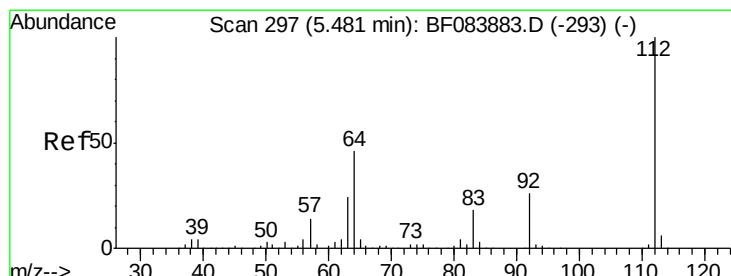
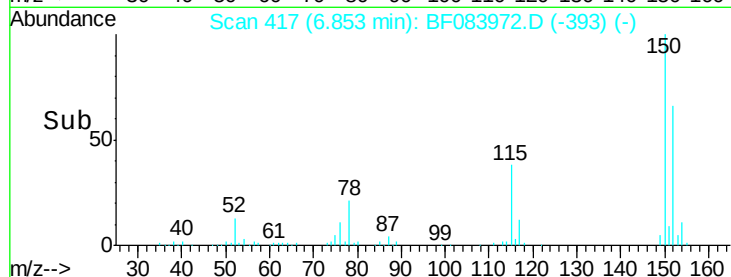
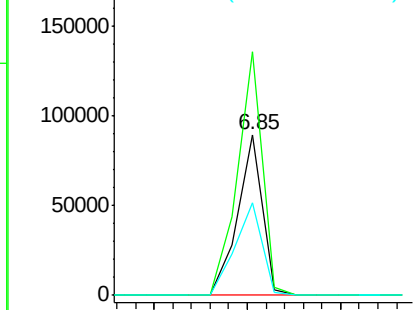
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tot Ion:152 Resp: 82816
Ion Ratio Lower Upper
152 100
150 151.8 123.0 184.4
115 57.4 51.4 77.2



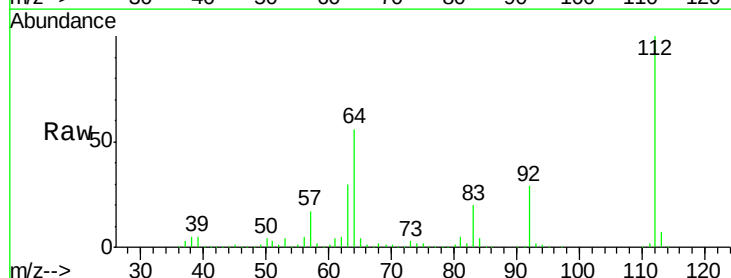
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



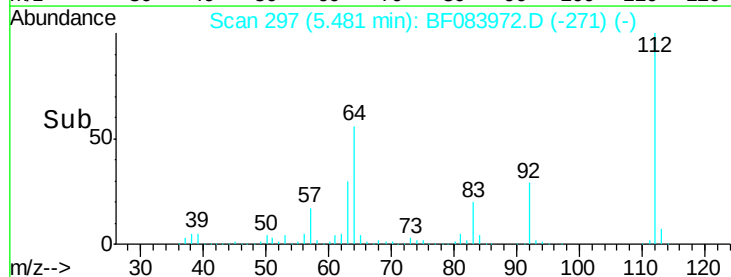
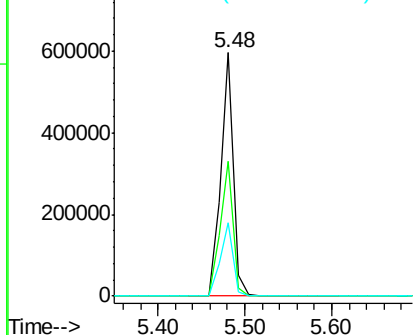
#5

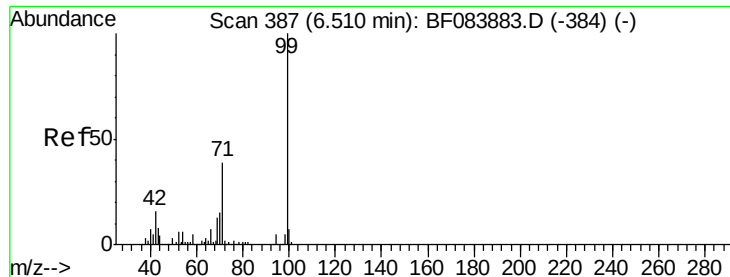
2-Fluorophenol
Concen: 115.63 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion:112 Resp: 611914
Ion Ratio Lower Upper
112 100
64 55.6 36.6 55.0#
63 30.1 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: 107.04 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083972.D

Acq: 19 Dec 2015 23:26

Instrument :

BNA_F

ClientSampleId :

LAR-9879-B

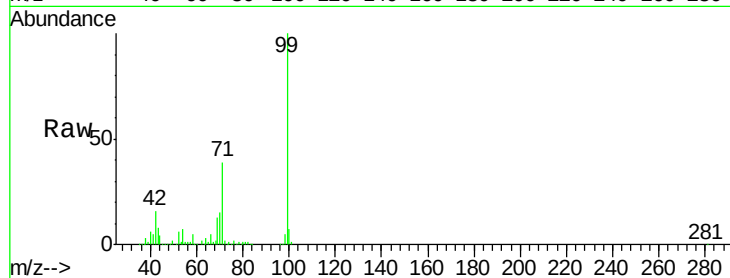
Tot Ion: 99 Resp: 693352

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

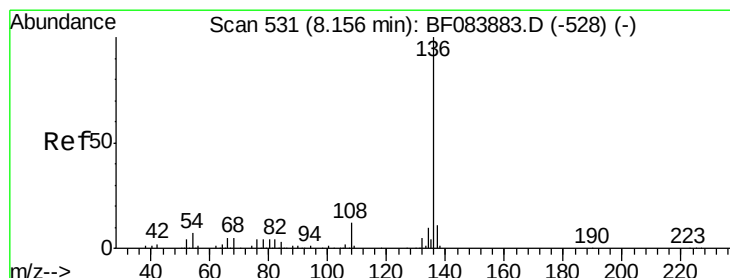
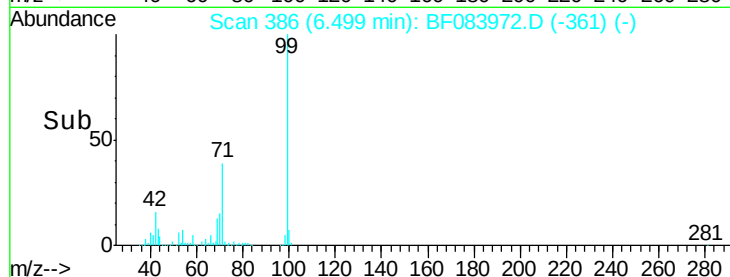
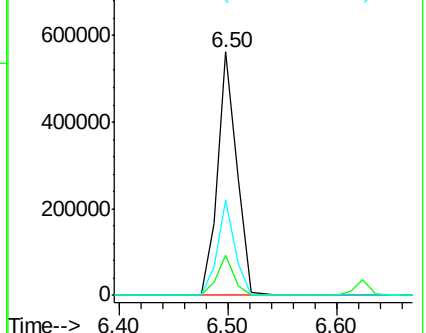
71 38.9 30.9 46.3



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: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083972.D

Acq: 19 Dec 2015 23:26

Tgt Ion: 136 Resp: 338198

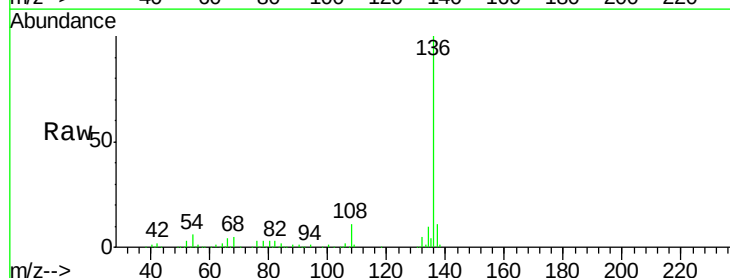
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 5.9 5.8 8.8

68 4.6 4.2 6.2

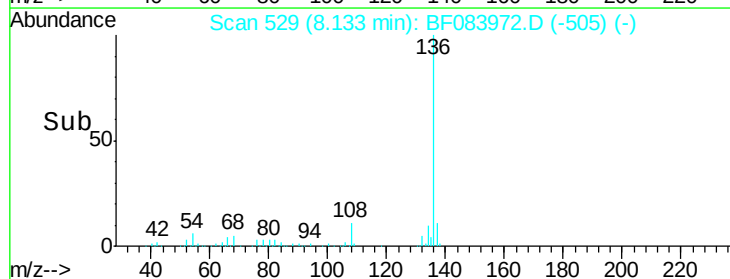
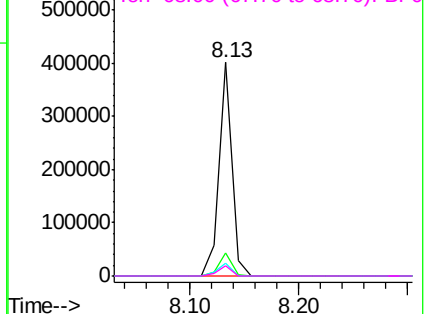


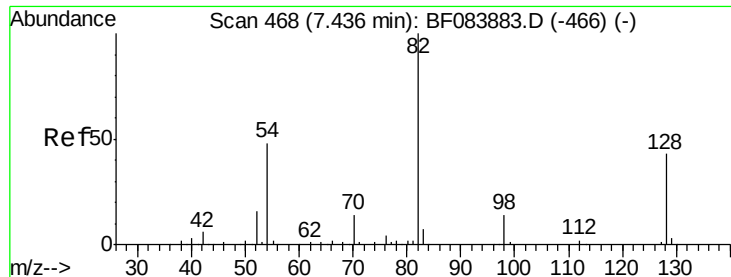
Abundance Ion 136.00 (135.70 to 136.70): E

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

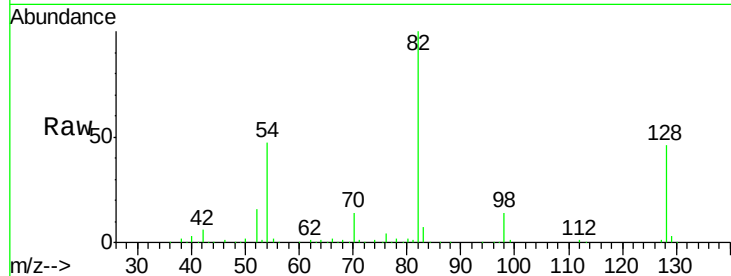




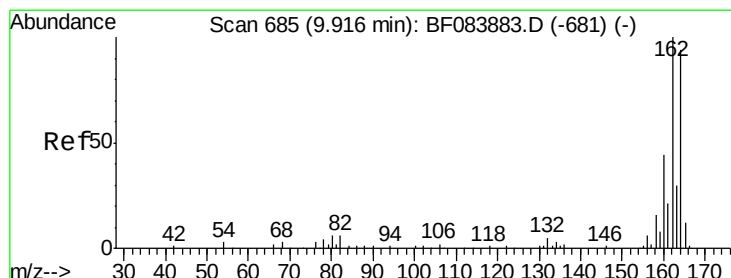
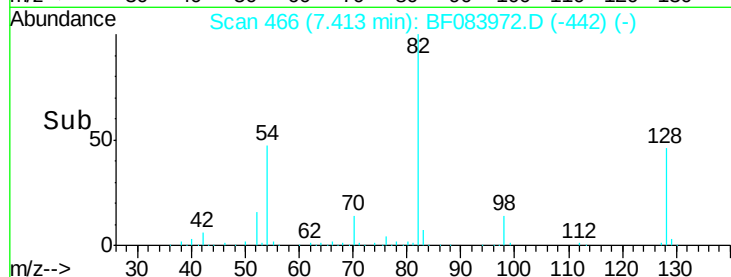
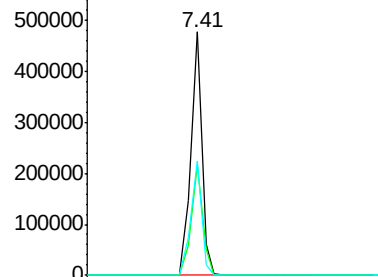
#23
 Nitrobenzene-d5
 Concen: 80.48 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083972.D
 Acq: 19 Dec 2015 23:26

Instrument :
 BNA_F
 ClientSampled :
 LAR-9879-B

Tot Ion: 82 Resp: 476909
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.6 51.8
 54 47.1 38.4 57.6

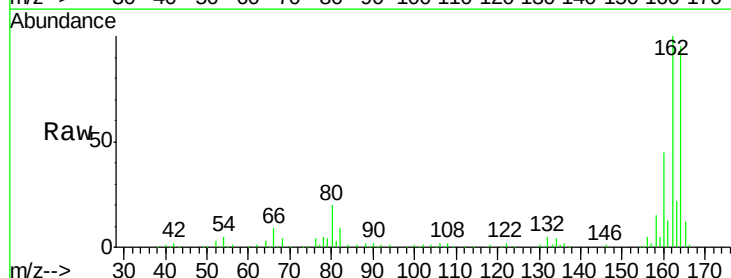


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

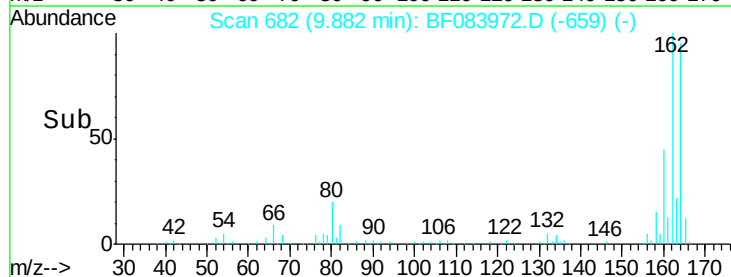
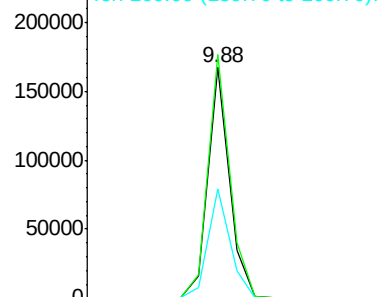


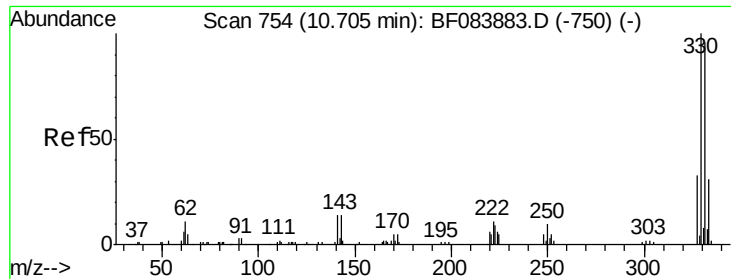
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF083972.D
 Acq: 19 Dec 2015 23:26

Tgt Ion:164 Resp: 150554
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.1 127.7
 160 47.3 37.5 56.3



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

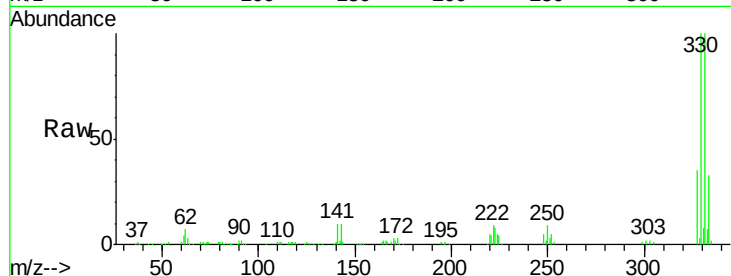




#41
 2,4,6-Tribromophenol
 Concen: 144.46 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083972.D
 Acq: 19 Dec 2015 23:26

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9879-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	32.2	27.8	41.6

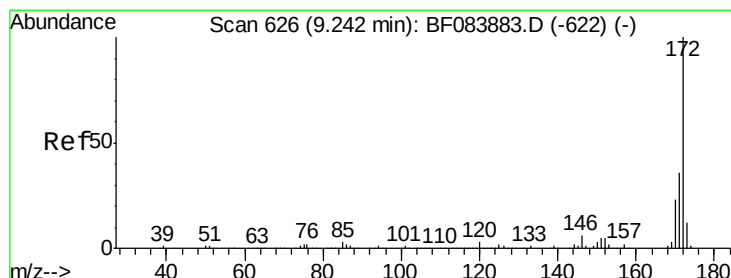
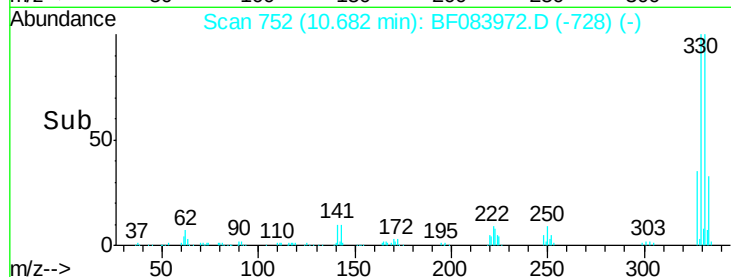
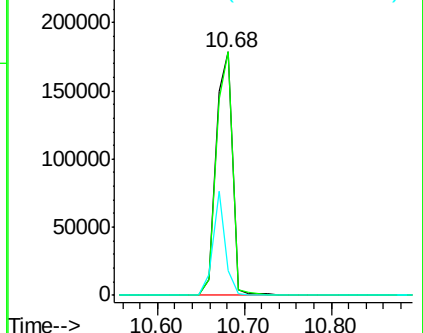


Abundance

Ion 329.80 (329.50 to 330.50): E

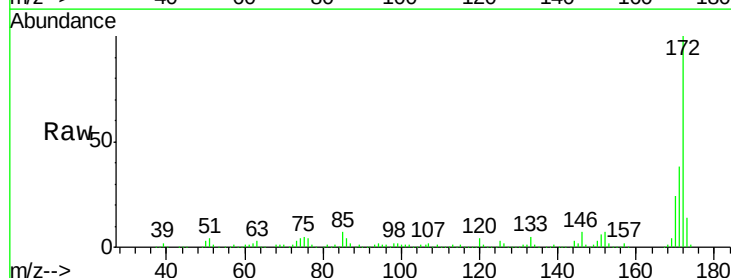
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.88 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083972.D
 Acq: 19 Dec 2015 23:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	24.2	18.6	27.8

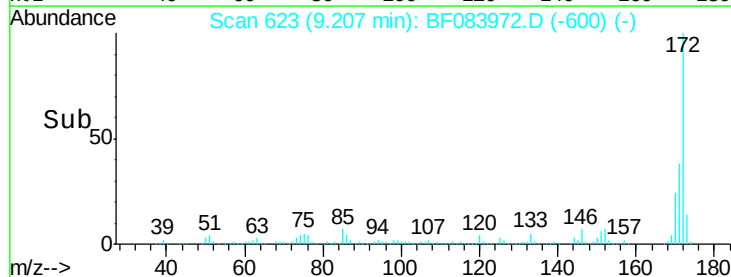
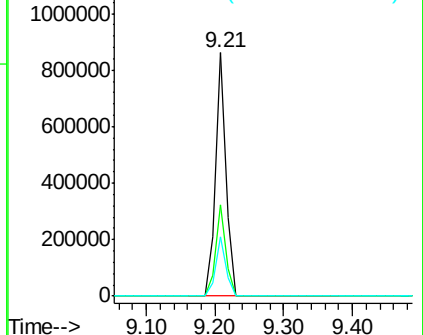


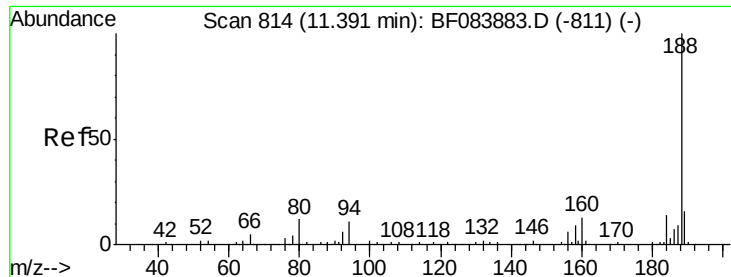
Abundance

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

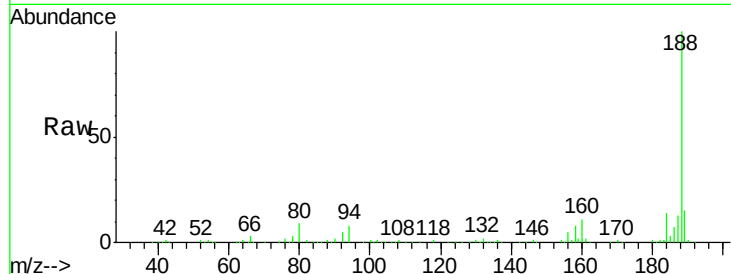




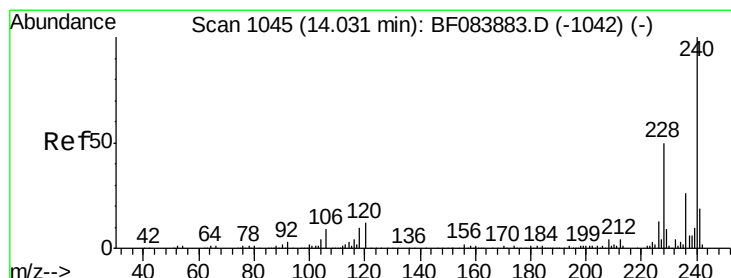
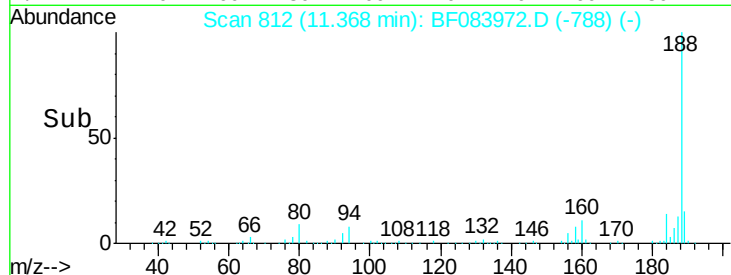
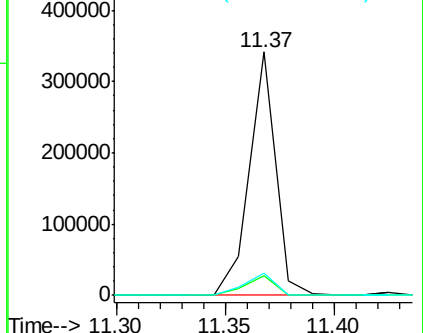
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tot Ion	188	Resp	287785
Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.9	9.6	14.4#

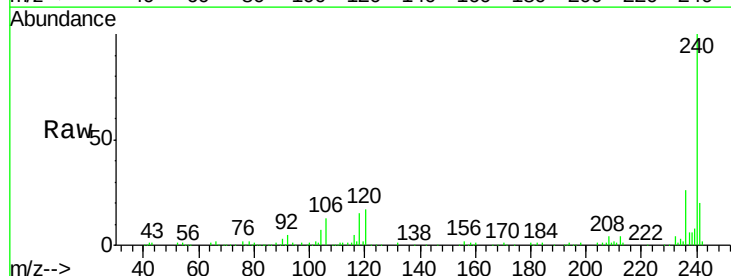


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

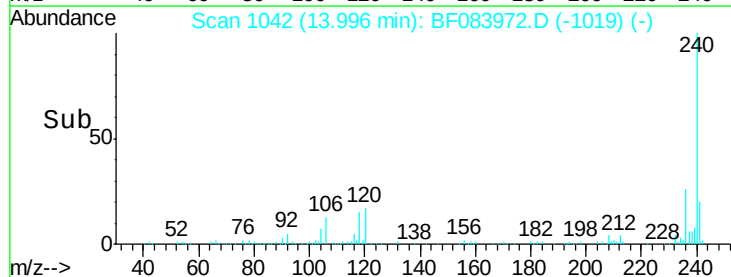
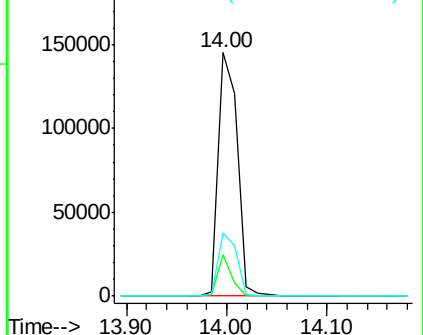


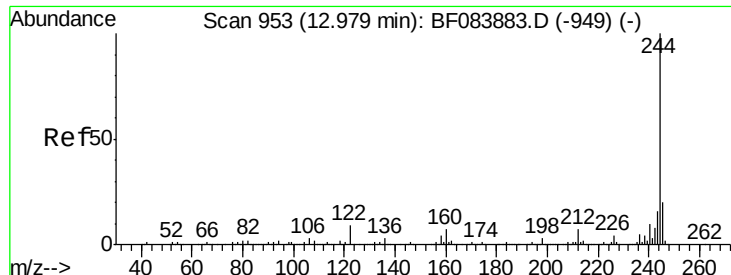
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion	240	Resp	191155
Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.5	14.3#
236	26.1	20.6	31.0



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

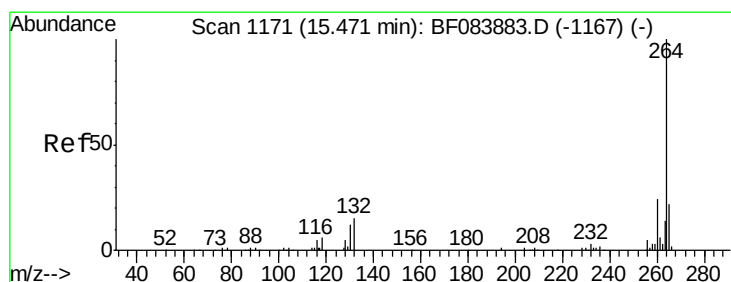
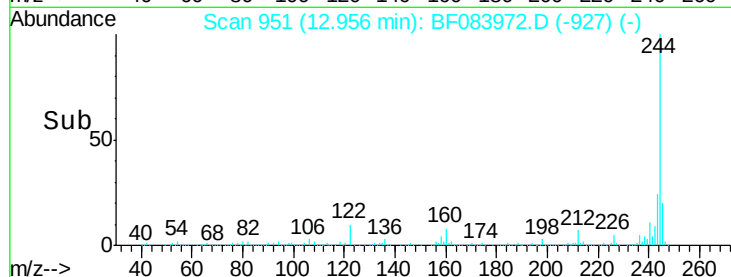
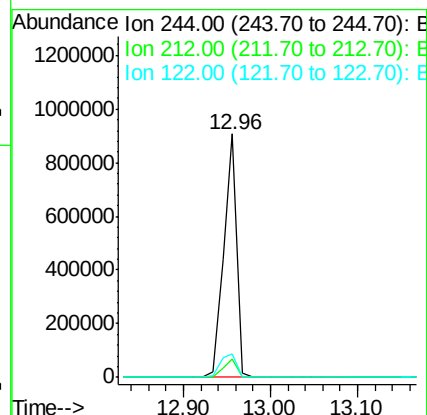
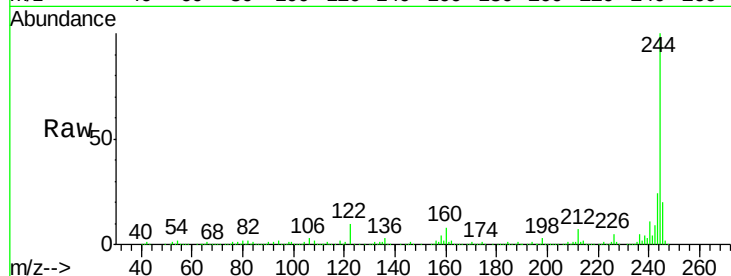




#78
 Terphenyl-d14
 Concen: 119.25 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF083972.D
 Acq: 19 Dec 2015 23:26

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9879-B

Tot Ion:244 Resp: 954322
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 9.7 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083972.D
 Acq: 19 Dec 2015 23:26

Tgt Ion:264 Resp: 153503
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.4 17.8 26.6

