

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084382.D
 Acq On : 11 Jan 2016 16:25
 Operator : SJ/UM
 Sample : PB87733BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BL

Quant Time: Jan 12 03:24:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	229260	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	882322	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	399537	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	659900	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	423183	20.00	ng	-0.06
86) Perylene-d12	15.44	264	372088	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1462664	103.19	ng	-0.02
7) Phenol-d6	6.50	99	1764612	99.13	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1403501	88.53	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	399019	98.92	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2002894	88.44	ng	-0.05
78) Terphenyl-d14	12.97	244	1604734	84.65	ng	-0.05

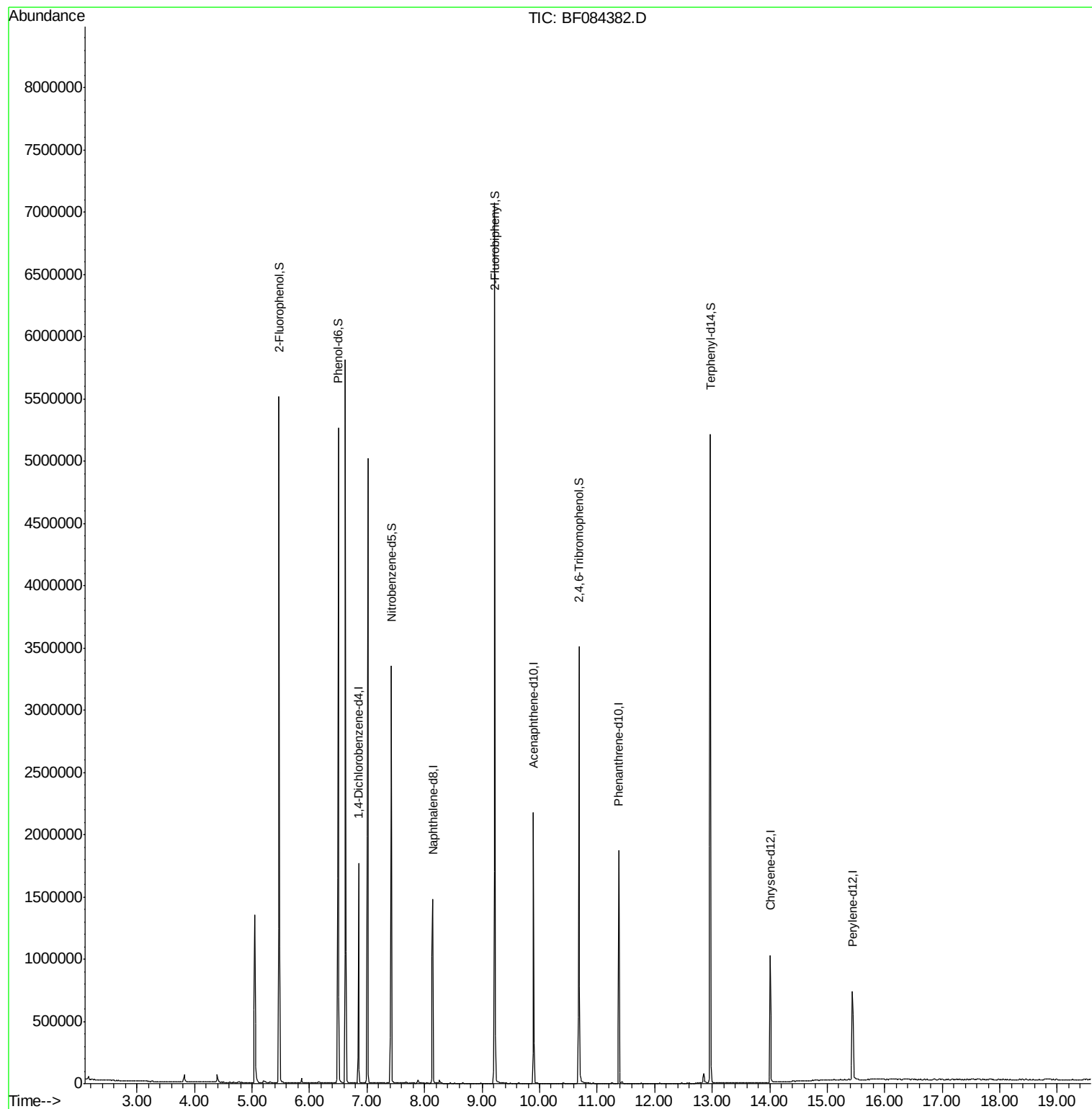
Target Compounds	Qvalue
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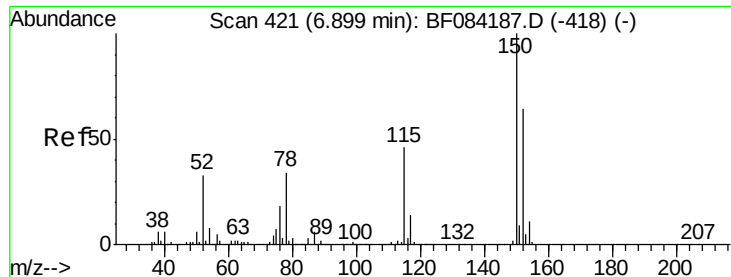
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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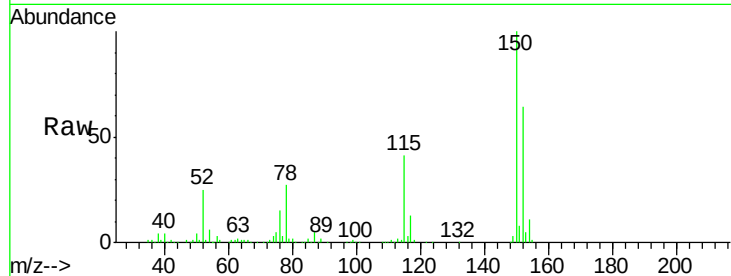


#1

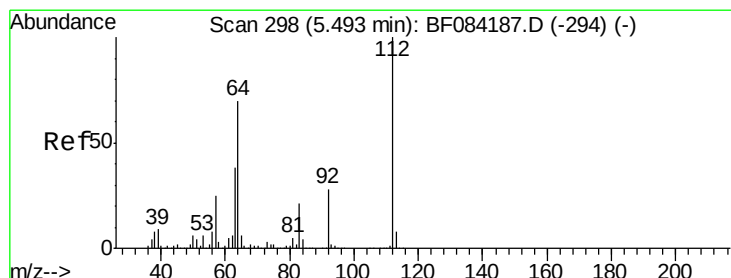
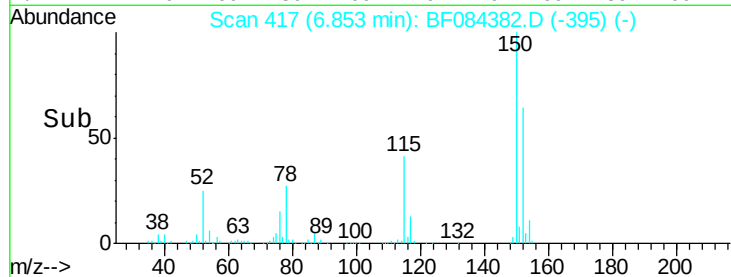
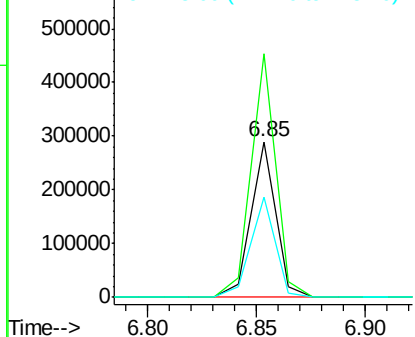
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084382.D
Acq: 11 Jan 2016 16:25

Instrument :
BNA_F
ClientSampleId :
PB87733BL

Tgt Ion:152 Resp: 229260
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.4
115 64.7 51.4 77.2



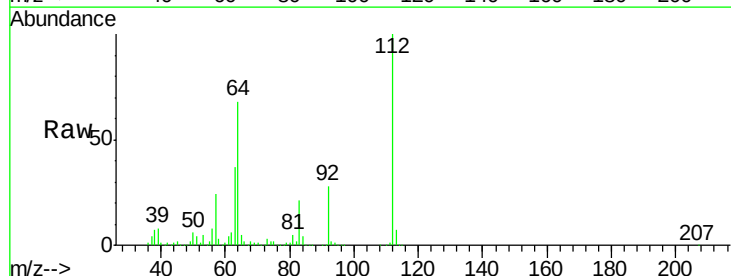
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



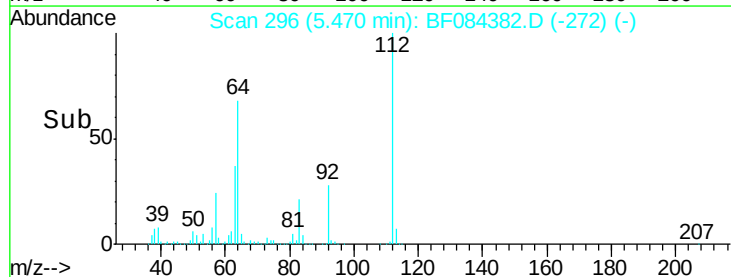
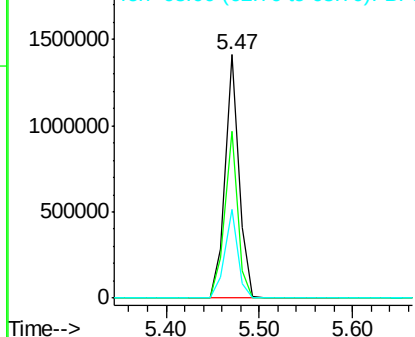
#5

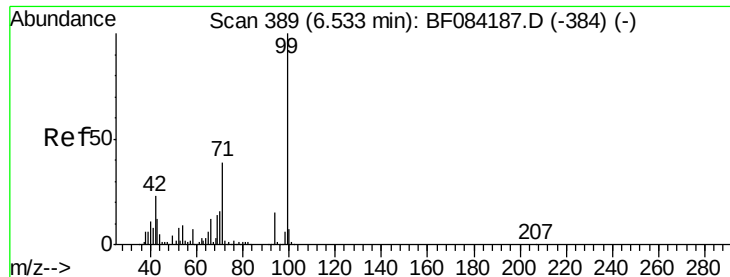
2-Fluorophenol
Concen: 103.19 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084382.D
Acq: 11 Jan 2016 16:25

Tgt Ion:112 Resp: 1462664
Ion Ratio Lower Upper
112 100
64 68.4 36.6 55.0#
63 36.6 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: 99.13 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Instrument :

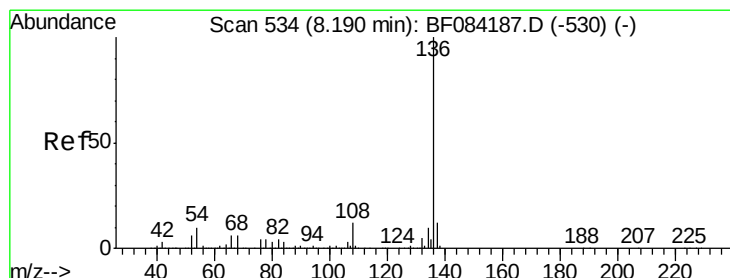
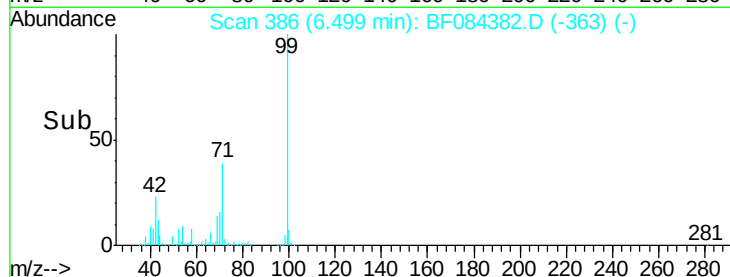
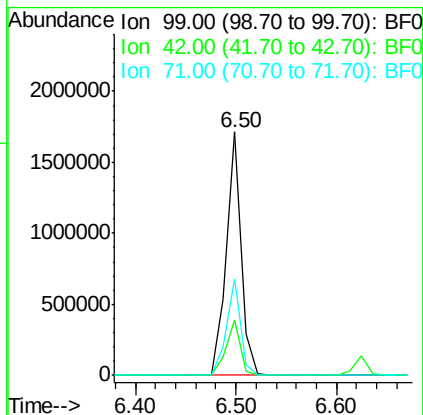
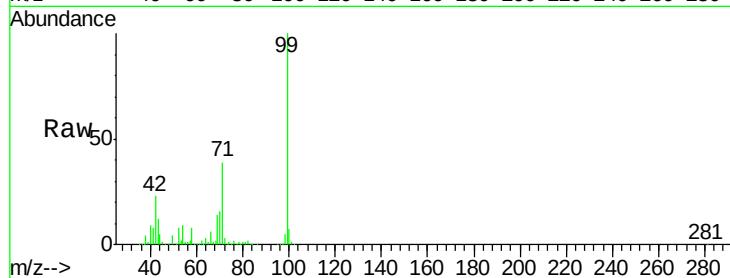
BNA_F

ClientSampleId :

PB87733BL

Tgt Ion: 99 Resp: 1764612

Ion	Ratio	Lower	Upper
99	100		
42	22.7	12.8	19.2#
71	39.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

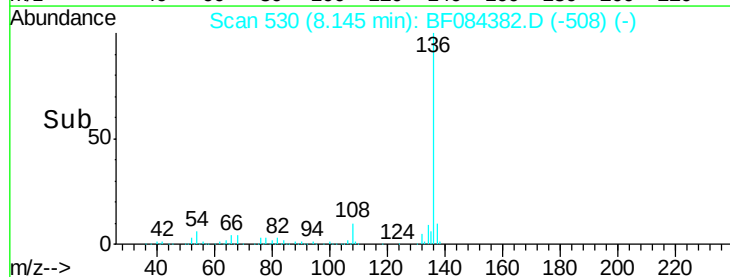
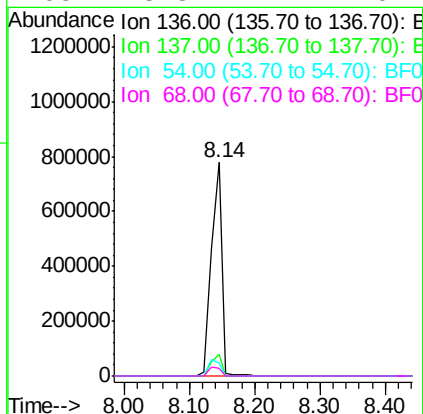
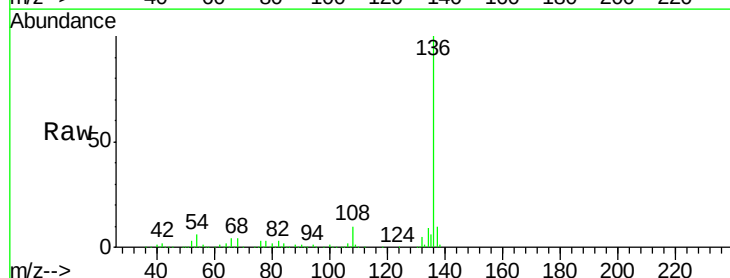
Delta R.T. -0.05 min

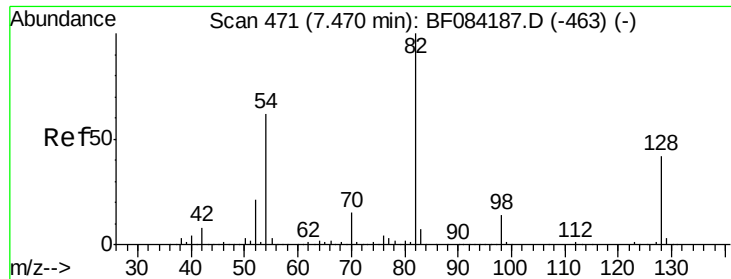
Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Tgt Ion: 136 Resp: 882322

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.1	5.8	8.8
68	3.8	4.2	6.2#

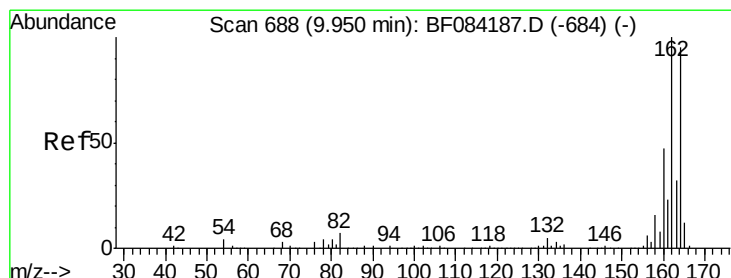
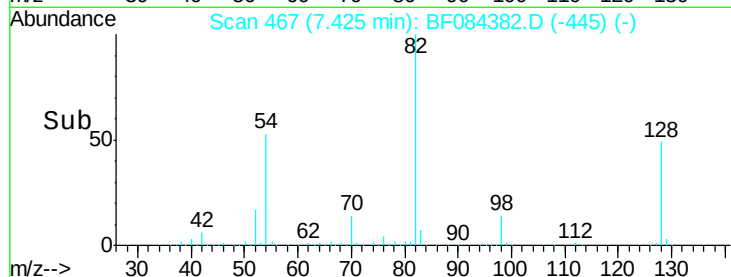
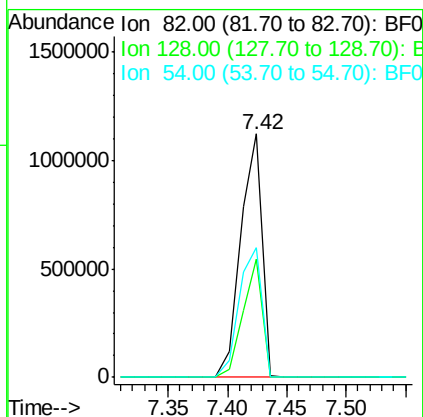
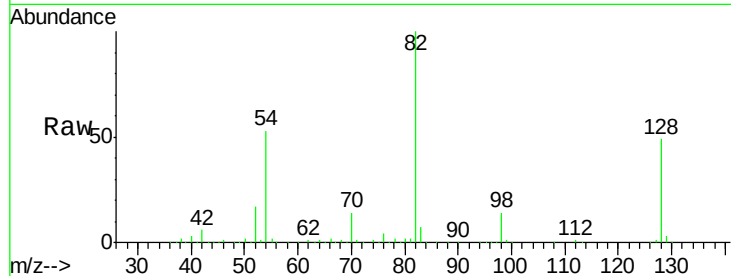




#23
 Nitrobenzene-d5
 Concen: 88.53 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084382.D
 Acq: 11 Jan 2016 16:25

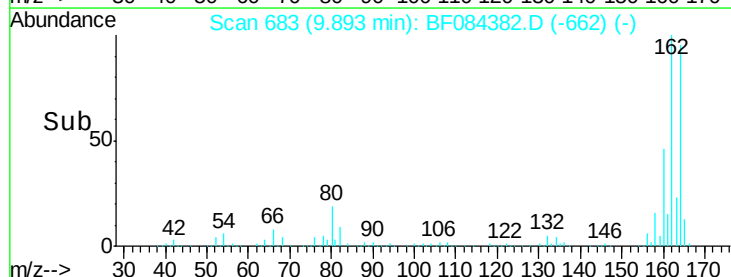
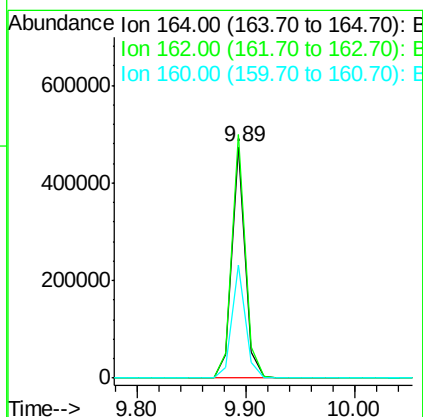
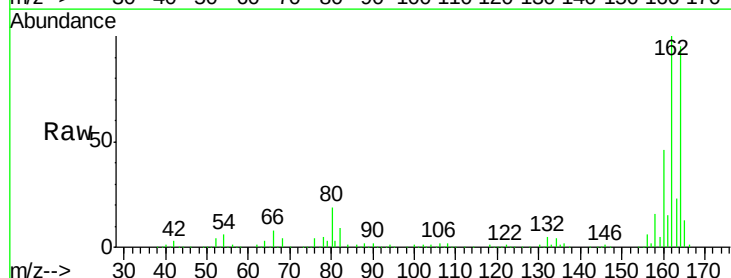
Instrument :
 BNA_F
 ClientSampleId :
 PB87733BL

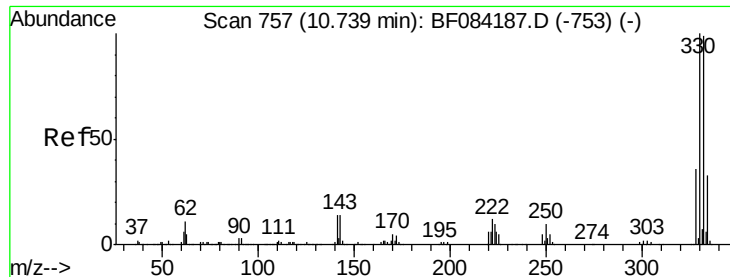
Tgt Ion: 82 Resp: 1403501
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.6 51.8
 54 53.3 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084382.D
 Acq: 11 Jan 2016 16:25

Tgt Ion: 164 Resp: 399537
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.1 127.7
 160 48.7 37.5 56.3

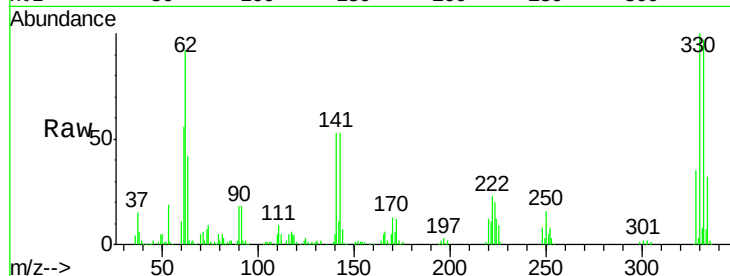




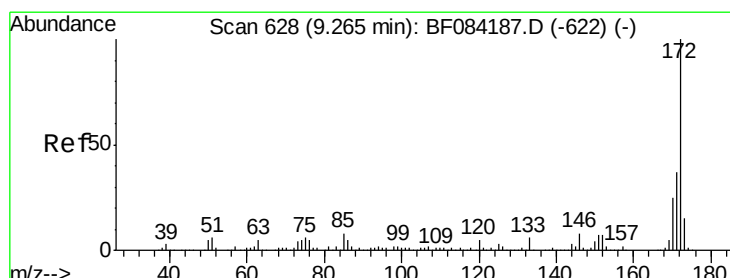
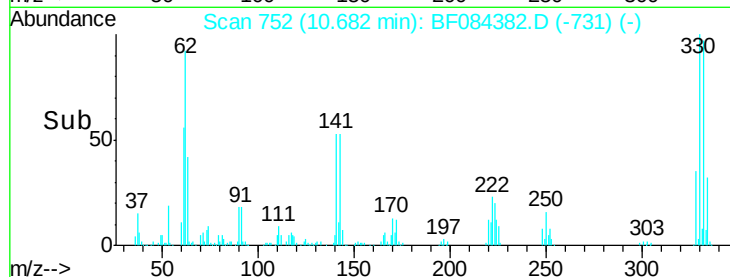
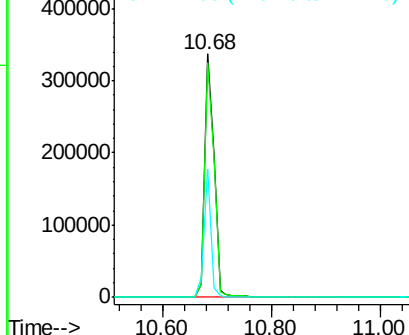
#41
 2,4,6-Tribromophenol
 Concen: 98.92 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084382.D
 Acq: 11 Jan 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BL

Tgt Ion:330 Resp: 399019
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 39.0 27.8 41.6

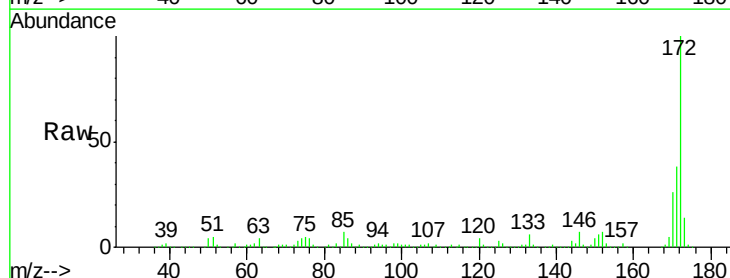


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

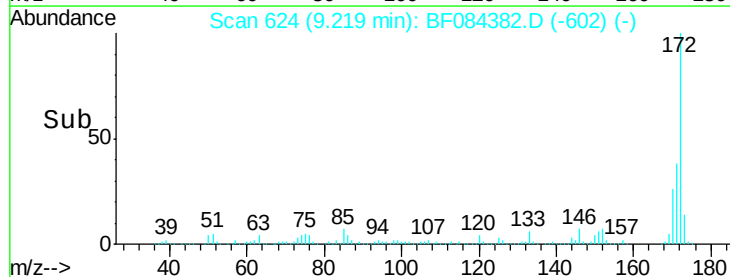
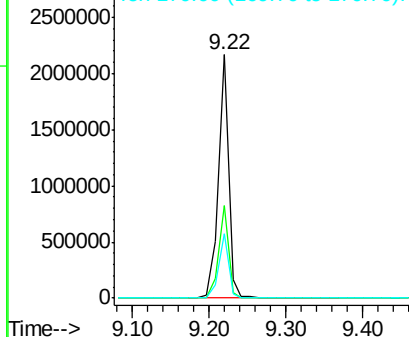


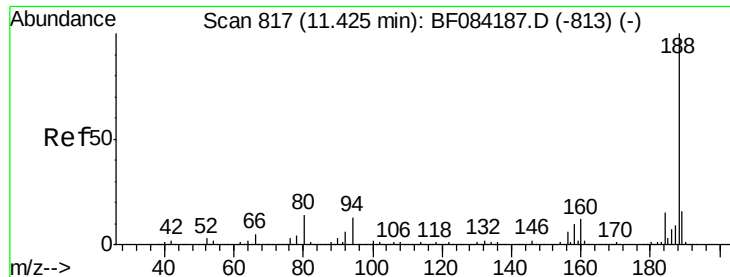
#44
 2-Fluorobiphenyl
 Concen: 88.44 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084382.D
 Acq: 11 Jan 2016 16:25

Tgt Ion:172 Resp: 2002894
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.4 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

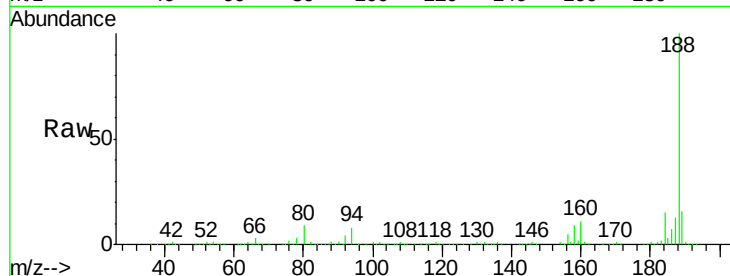




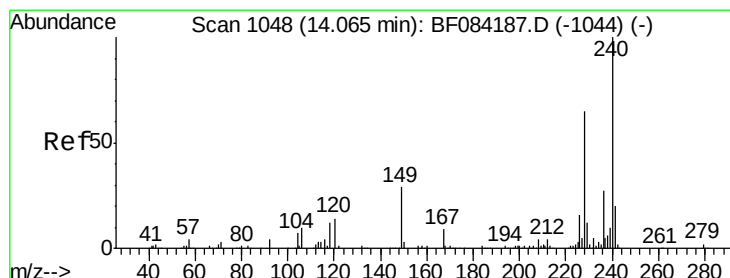
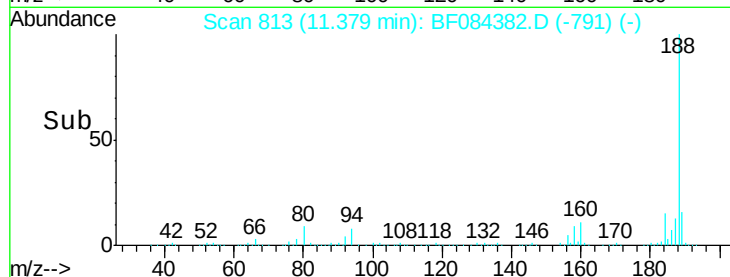
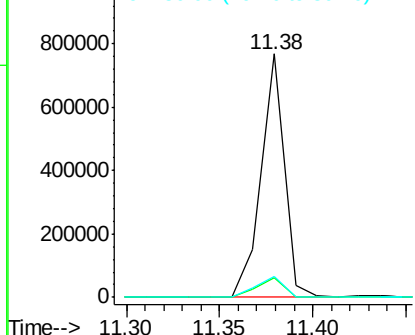
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084382.D
Acq: 11 Jan 2016 16:25

Instrument :
BNA_F
ClientSampleId :
PB87733BL

Tgt Ion:188 Resp: 659900
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.4#
80 8.5 9.6 14.4#

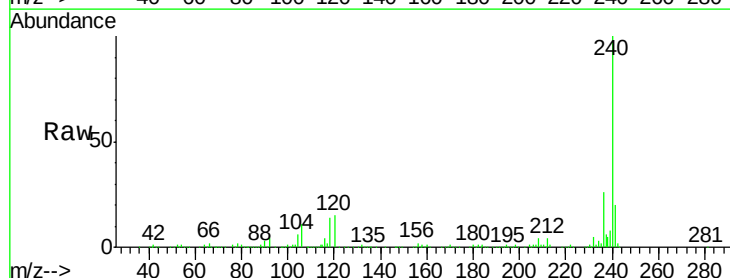


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

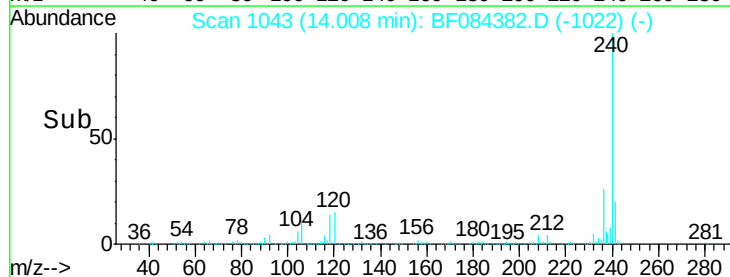
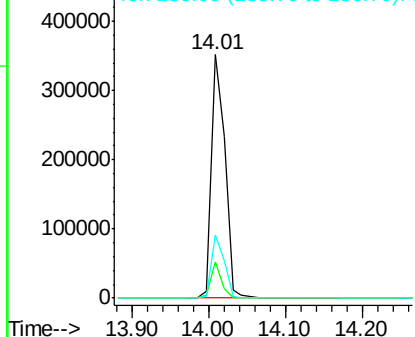


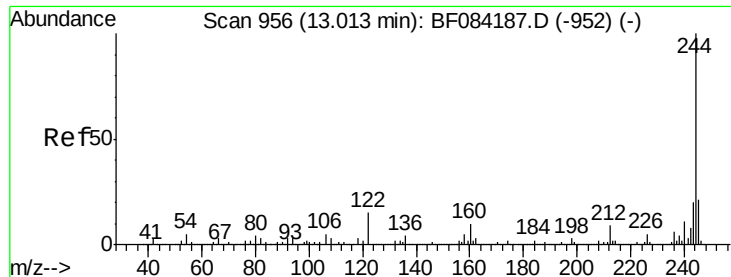
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084382.D
Acq: 11 Jan 2016 16:25

Tgt Ion:240 Resp: 423183
Ion Ratio Lower Upper
240 100
120 14.7 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

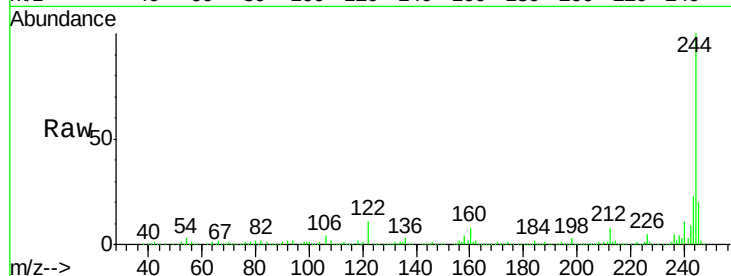




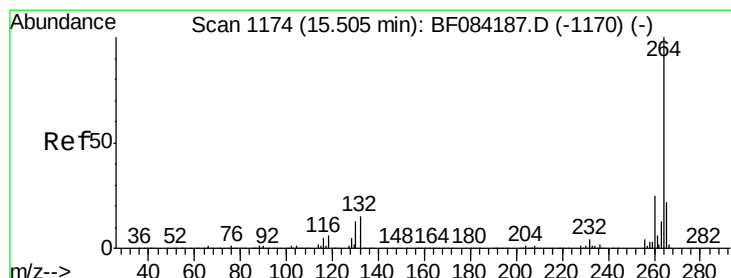
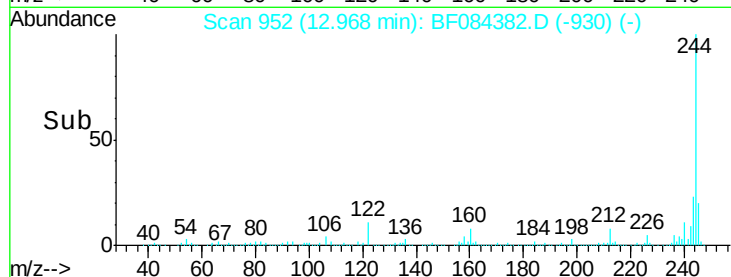
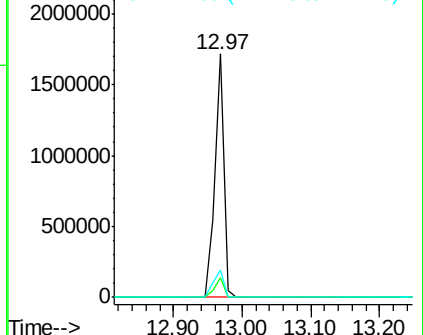
#78
 Terphenyl-d14
 Concen: 84.65 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084382.D
 Acq: 11 Jan 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BL

Tgt Ion:244 Resp: 1604734
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 11.0 7.4 11.0

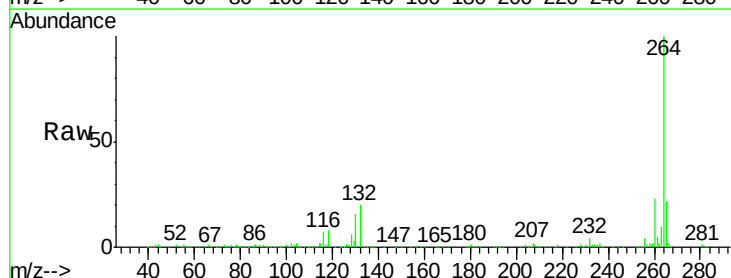


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084382.D
 Acq: 11 Jan 2016 16:25

Tgt Ion:264 Resp: 372088
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.9 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

