

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089361.D
 Acq On : 28 Jul 2016 12:13
 Operator : UM/SJ
 Sample : H4155-21
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-12

Quant Time: Jul 28 12:55:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43714	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	193138	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	90022	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	185631	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	137523	20.00	ng	0.00
86) Perylene-d12	15.01	264	106626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	386813	141.29	ng	0.02
7) Phenol-d6	6.20	99	505287	139.66	ng	0.00
23) Nitrobenzene-d5	7.12	82	372360	113.80	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	131257	176.05	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	653183	106.48	ng	0.00
78) Terphenyl-d14	12.63	244	607098	103.32	ng	0.00

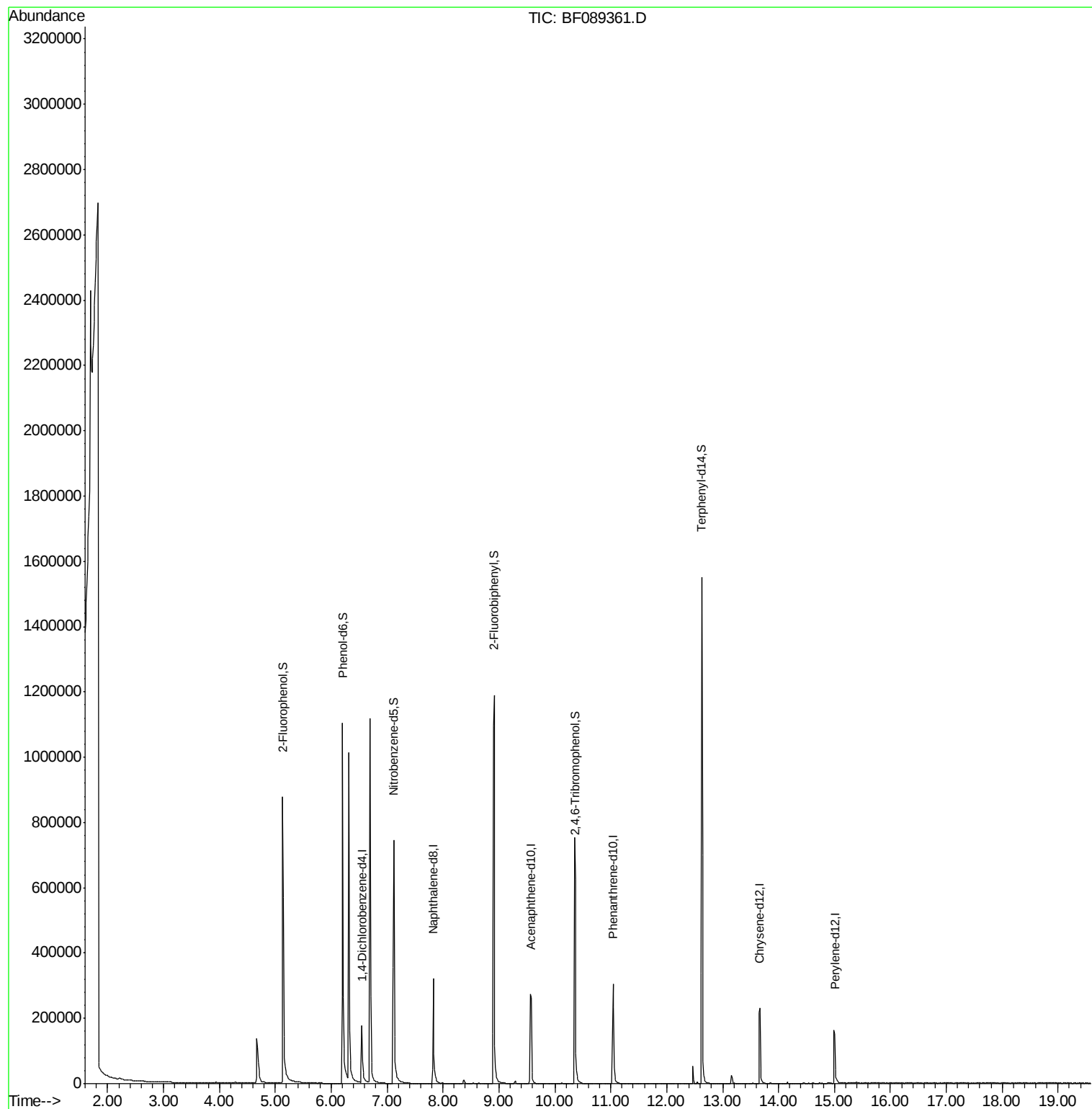
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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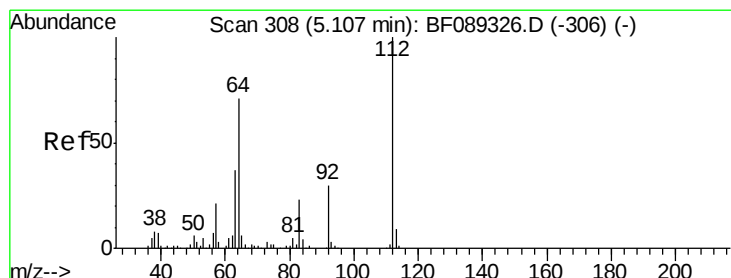
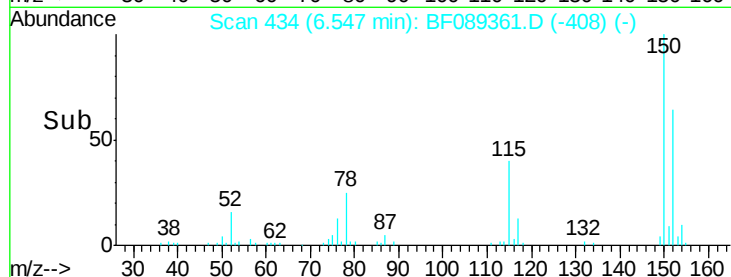
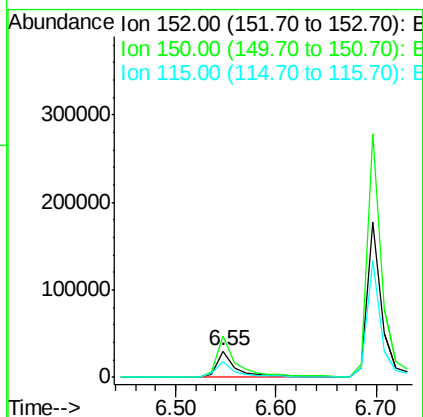
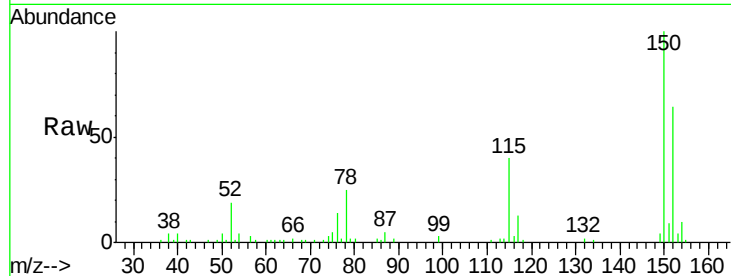




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF089361.D
 Acq: 28 Jul 2016 12:13

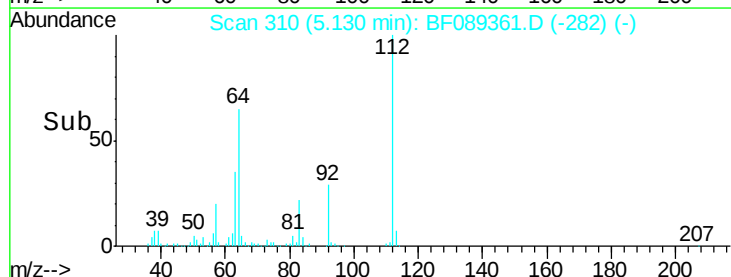
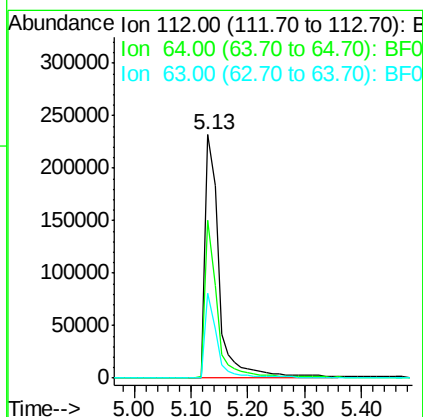
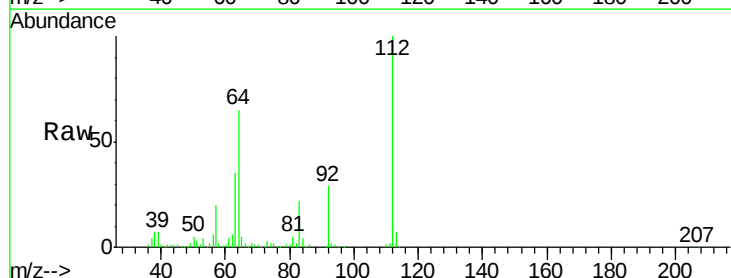
Instrument :
 BNA_F
 ClientSampleId :
 I-12

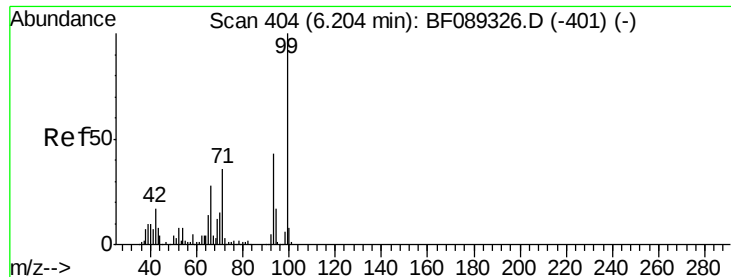
Tgt Ion:152 Resp: 43714
 Ion Ratio Lower Upper
 152 100
 150 155.4 129.5 194.3
 115 62.0 51.4 77.2



#5
 2-Fluorophenol
 Concen: 141.29 ng
 RT: 5.13 min Scan# 310
 Delta R.T. 0.02 min
 Lab File: BF089361.D
 Acq: 28 Jul 2016 12:13

Tgt Ion:112 Resp: 386813
 Ion Ratio Lower Upper
 112 100
 64 64.8 55.0 82.6
 63 34.7 29.4 44.2





#7

Phenol-d6

Concen: 139.66 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089361.D

Acq: 28 Jul 2016 12:13

Instrument :

BNA_F

ClientSampleId :

I-12

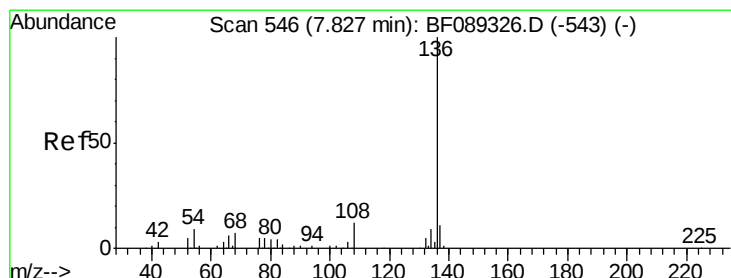
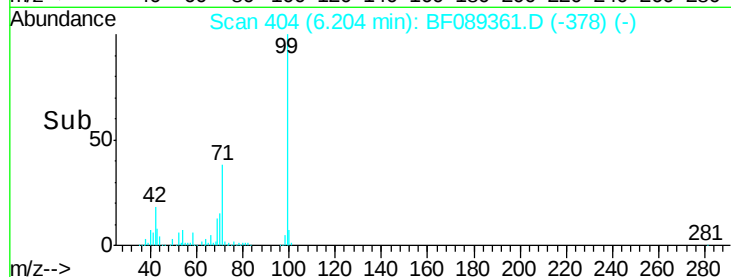
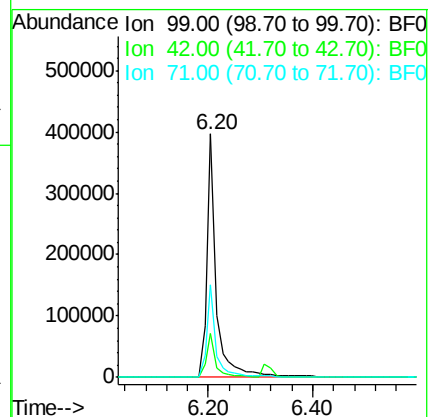
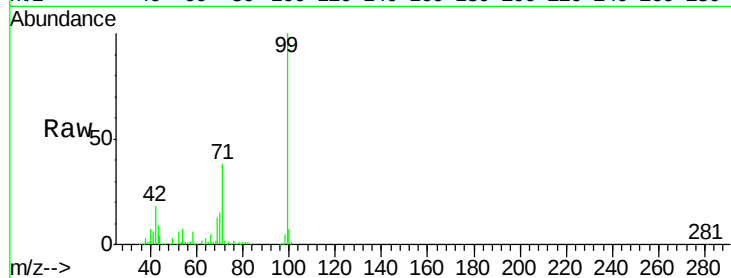
Tgt Ion: 99 Resp: 505287

Ion Ratio Lower Upper

99 100

42 17.9 13.6 20.4

71 38.2 29.4 44.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089361.D

Acq: 28 Jul 2016 12:13

Tgt Ion: 136 Resp: 193138

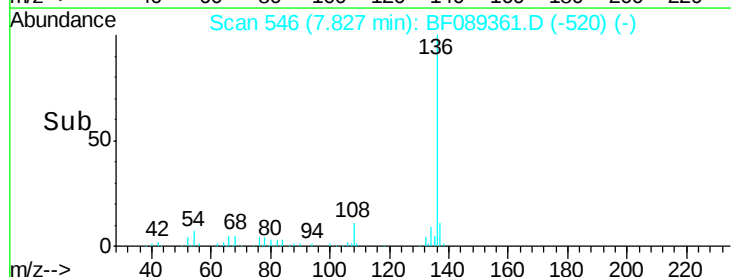
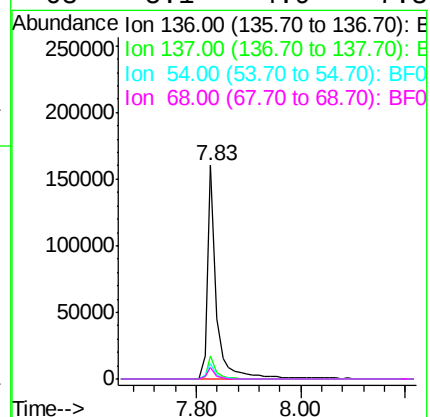
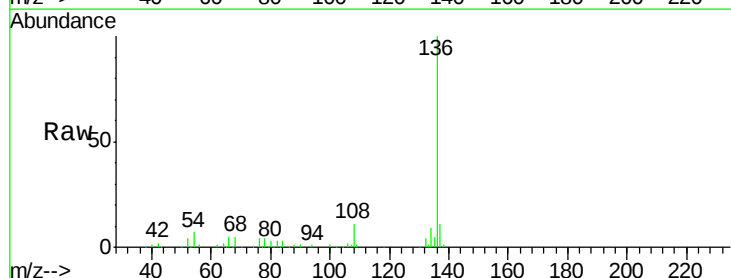
Ion Ratio Lower Upper

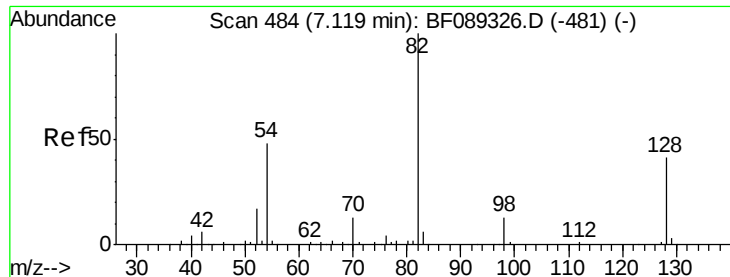
136 100

137 10.7 8.6 13.0

54 7.1 7.0 10.4

68 5.1 4.9 7.3

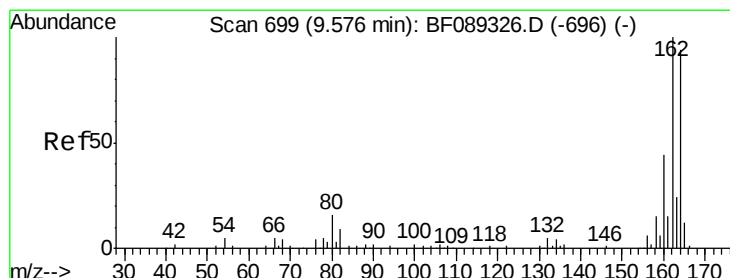
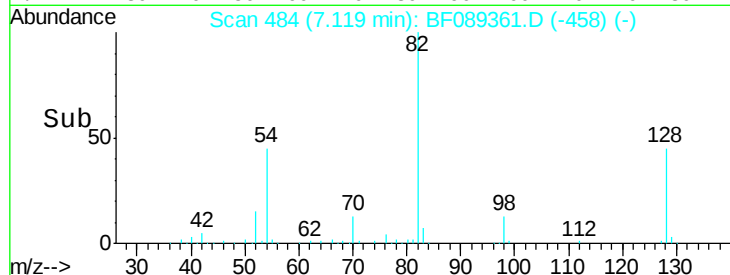
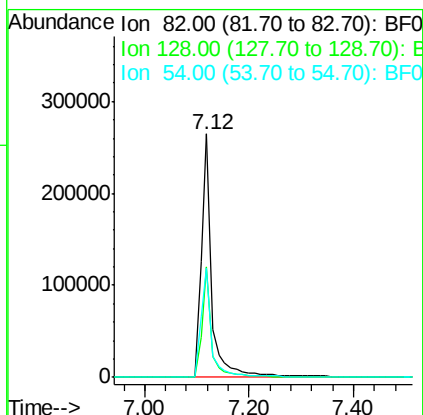
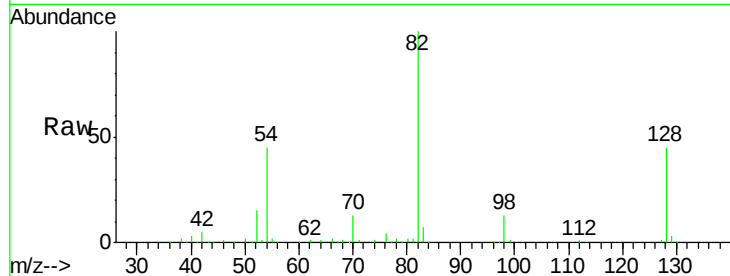




#23
 Nitrobenzene-d5
 Concen: 113.80 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089361.D
 Acq: 28 Jul 2016 12:13

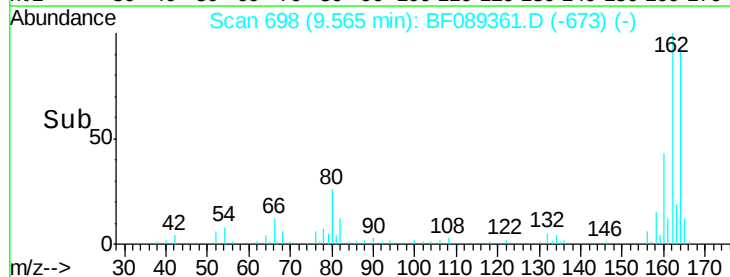
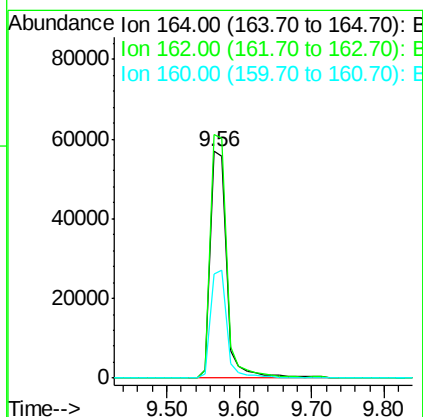
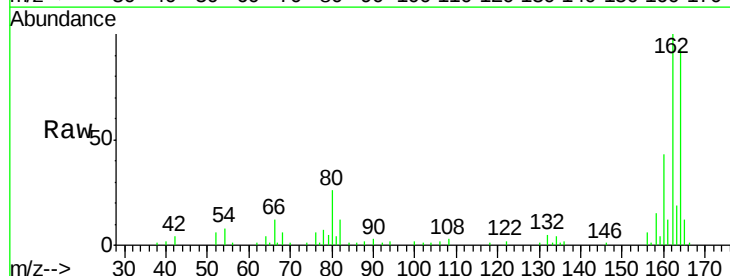
Instrument :
 BNA_F
 ClientSampleId :
 I-12

Tgt Ion: 82 Resp: 372360
 Ion Ratio Lower Upper
 82 100
 128 45.1 32.5 48.7
 54 44.7 38.8 58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF089361.D
 Acq: 28 Jul 2016 12:13

Tgt Ion: 164 Resp: 90022
 Ion Ratio Lower Upper
 164 100
 162 107.3 83.7 125.5
 160 45.9 37.8 56.6

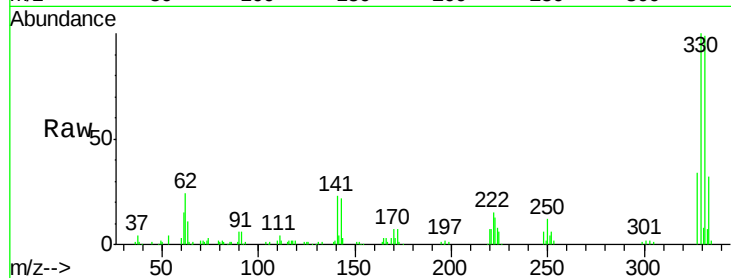




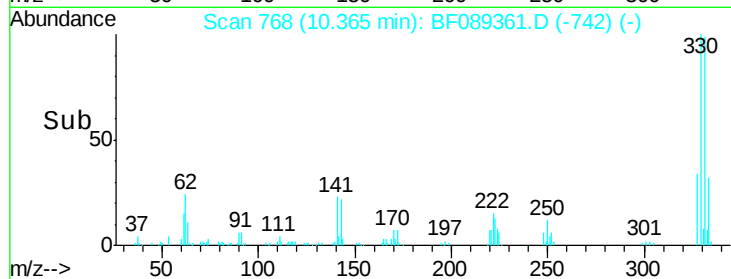
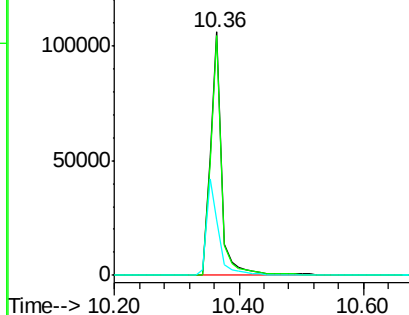
#41
 2,4,6-Tribromophenol
 Concen: 176.05 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089361.D
 Acq: 28 Jul 2016 12:13

Instrument :
 BNA_F
 ClientSampled :
 I-12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	42.3	37.3	55.9

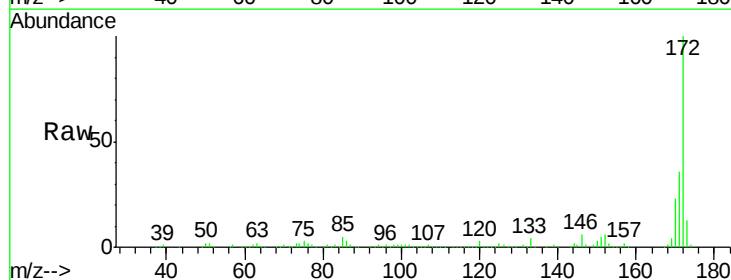


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

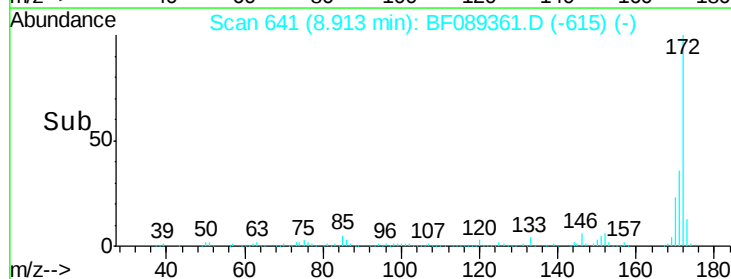
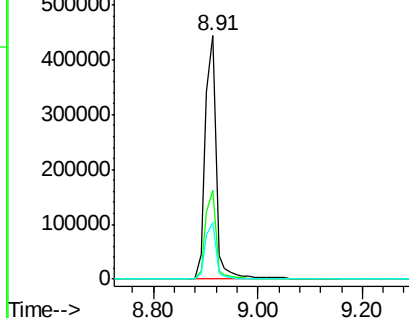


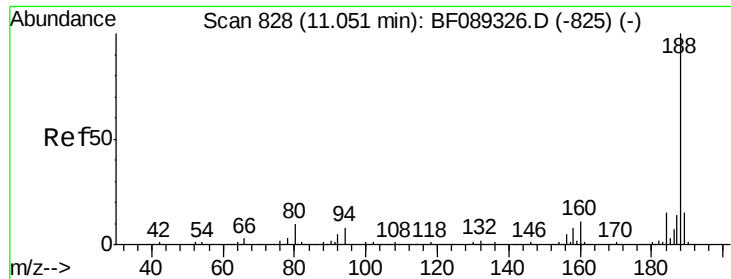
#44
 2-Fluorobiphenyl
 Concen: 106.48 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089361.D
 Acq: 28 Jul 2016 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.5	19.2	28.8



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

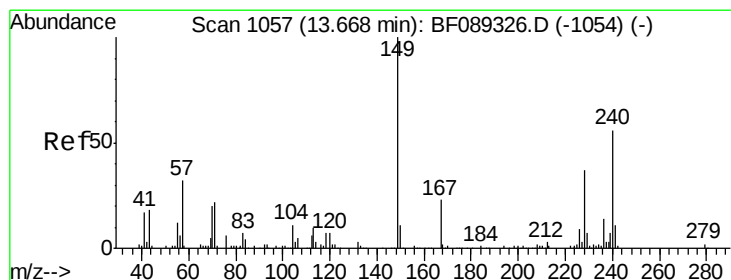
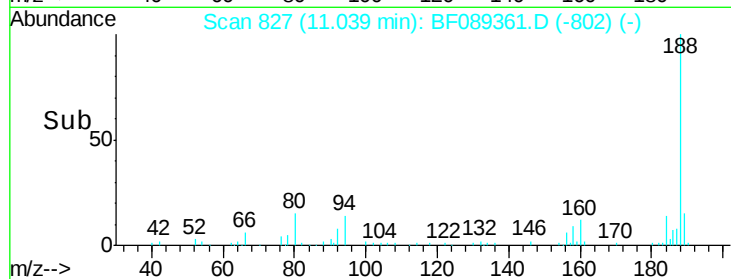
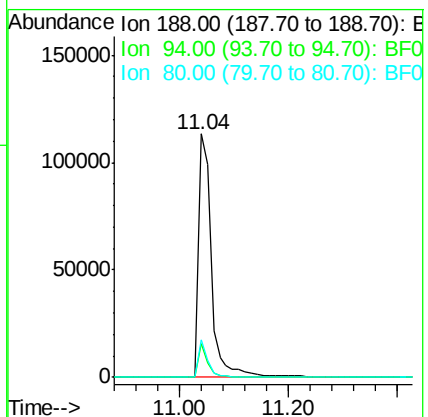
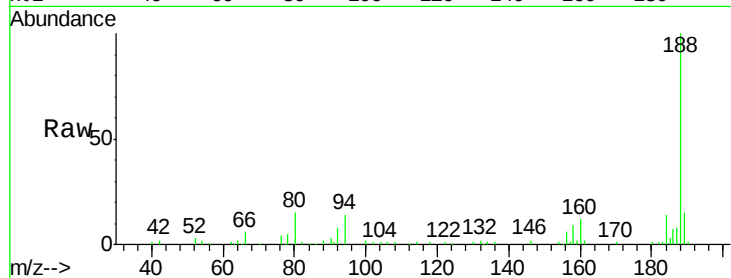




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089361.D
Acq: 28 Jul 2016 12:13

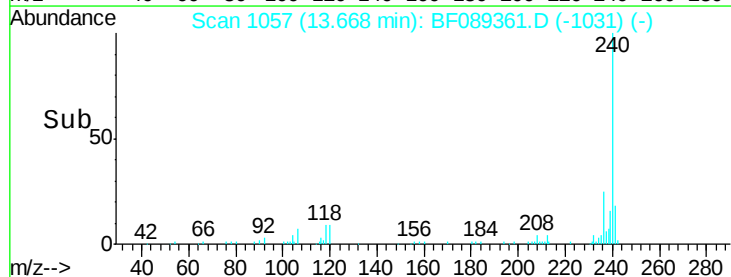
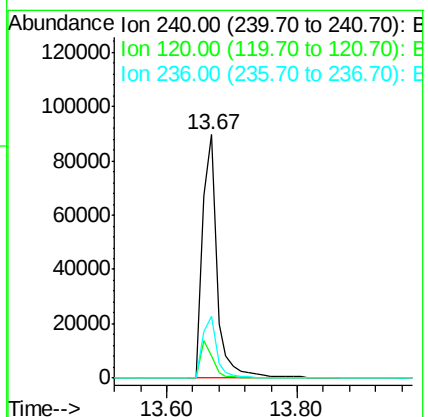
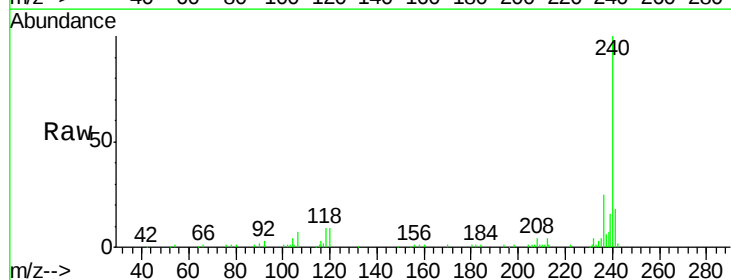
Instrument :
BNA_F
ClientSampleId :
I-12

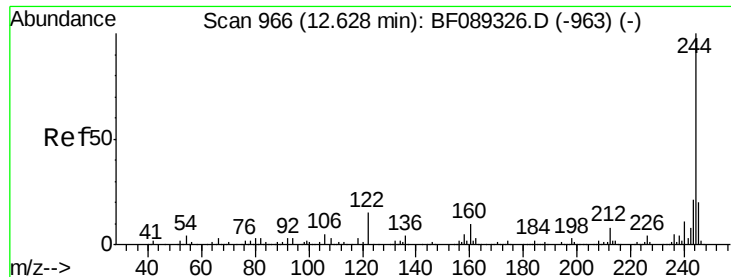
Tgt Ion:188 Resp: 185631
Ion Ratio Lower Upper
188 100
94 13.6 6.5 9.7#
80 15.4 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089361.D
Acq: 28 Jul 2016 12:13

Tgt Ion:240 Resp: 137523
Ion Ratio Lower Upper
240 100
120 9.1 9.1 13.7#
236 25.4 20.6 30.8

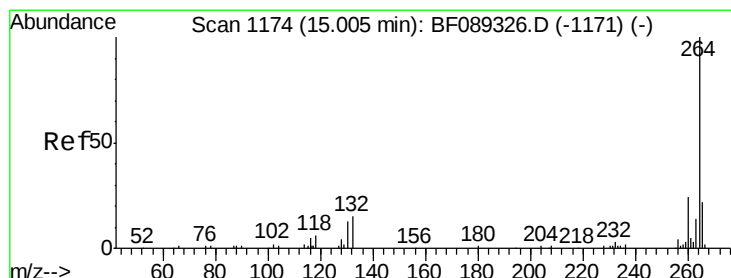
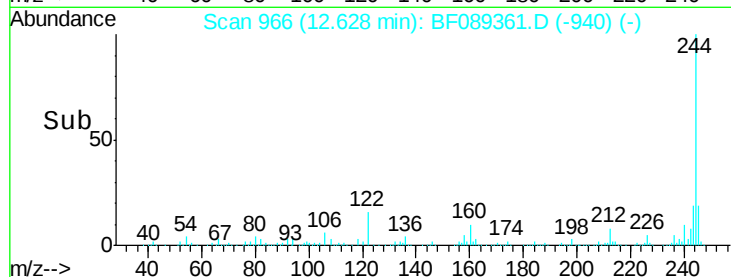
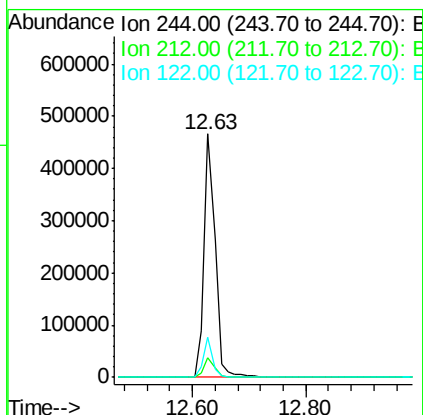
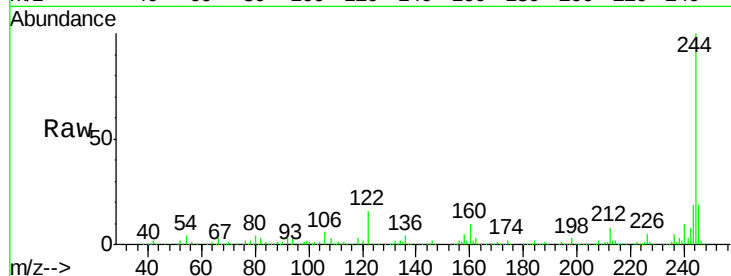




#78
 Terphenyl-d14
 Concen: 103.32 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089361.D
 Acq: 28 Jul 2016 12:13

Instrument :
 BNA_F
 ClientSampleId :
 I-12

Tgt Ion:244 Resp: 607098
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 16.2 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089361.D
 Acq: 28 Jul 2016 12:13

Tgt Ion:264 Resp: 106626
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 21.0 17.5 26.3

