

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089799.D
 Acq On : 19 Aug 2016 16:55
 Operator : UM/SJ
 Sample : PB92924BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BL

Quant Time: Aug 22 01:37:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	573208	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	2070125	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	1023198	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1771958	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1097551	20.00	ng	-0.03
86) Perylene-d12	15.30	264	951742	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	4142665	123.94	ng	0.02
7) Phenol-d6	6.32	99	4729015	115.25	ng	0.00
23) Nitrobenzene-d5	7.24	82	2729775	81.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	1098886	113.01	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4861707	83.51	ng	0.00
78) Terphenyl-d14	12.79	244	4215753	86.90	ng	0.00

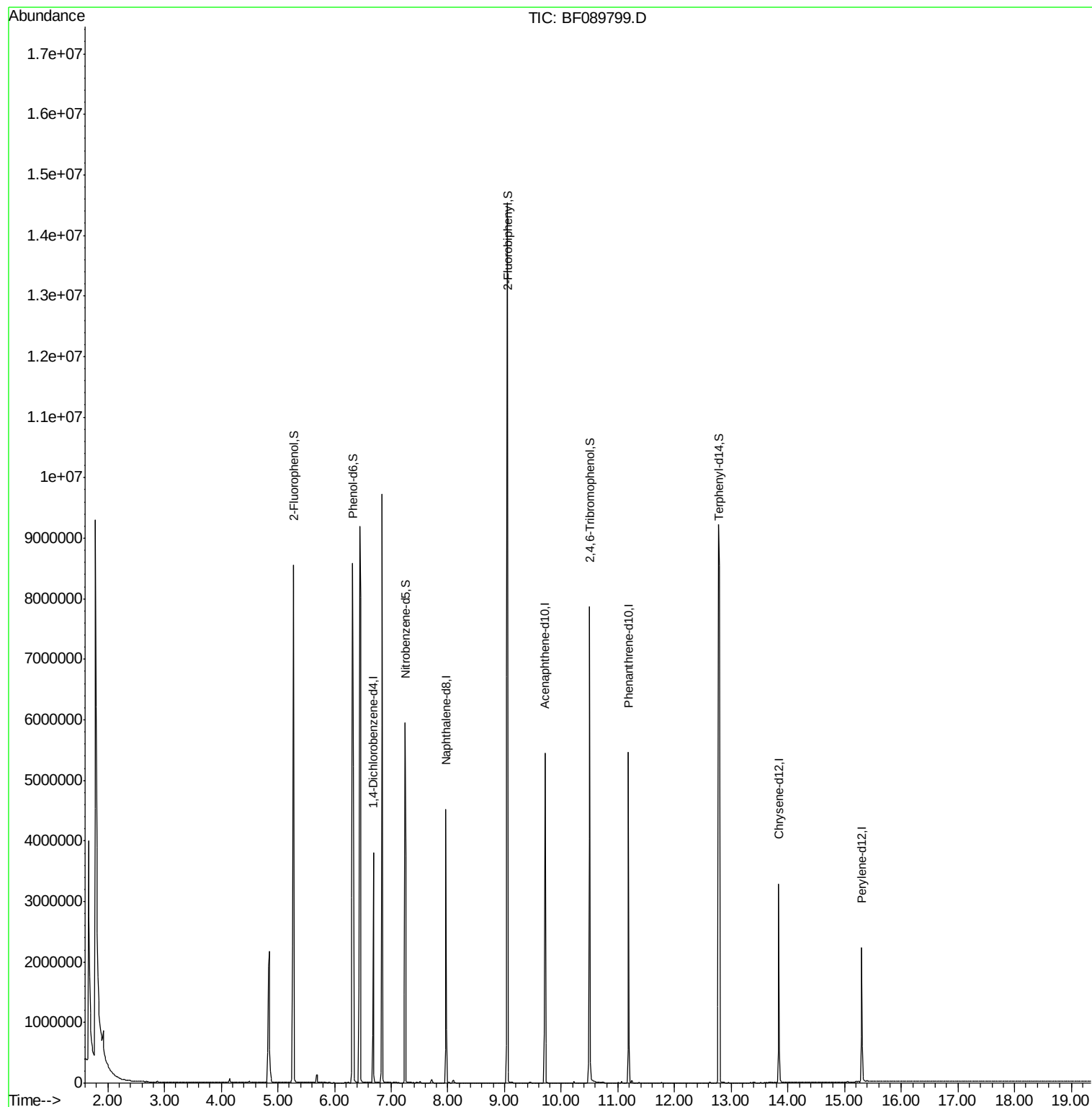
Target Compounds	Qvalue
------------------	--------

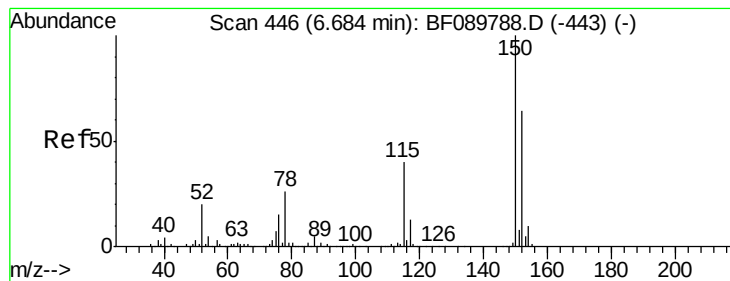
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089799.D
Acq On : 19 Aug 2016 16:55
Operator : UM/SJ
Sample : PB92924BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92924BL

Quant Time: Aug 22 01:37:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

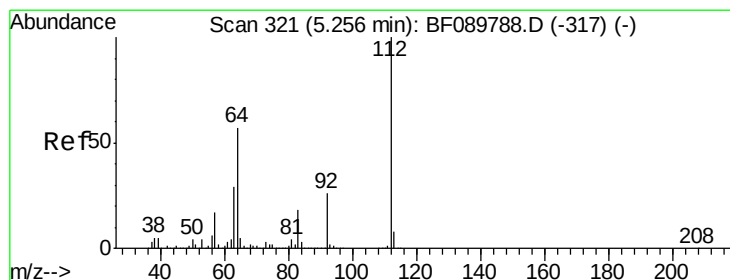
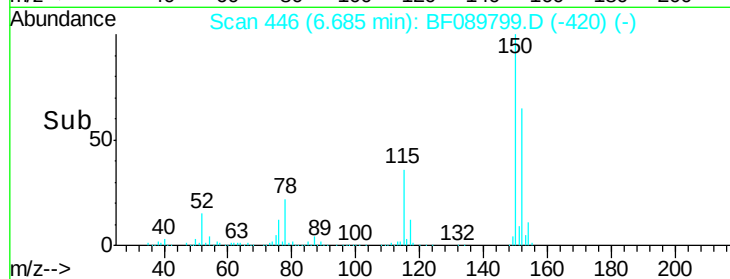
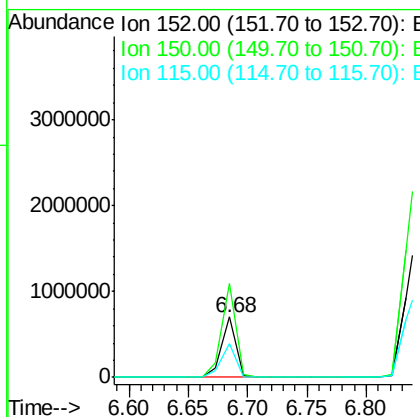
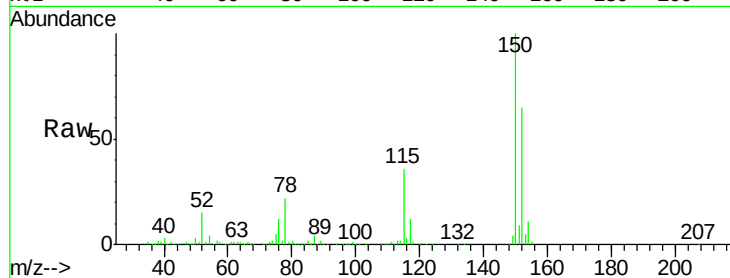




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF089799.D
 Acq: 19 Aug 2016 16:55

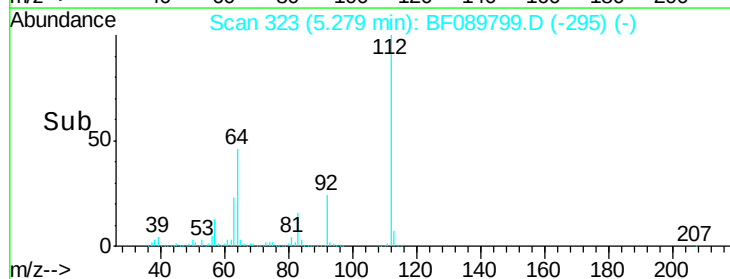
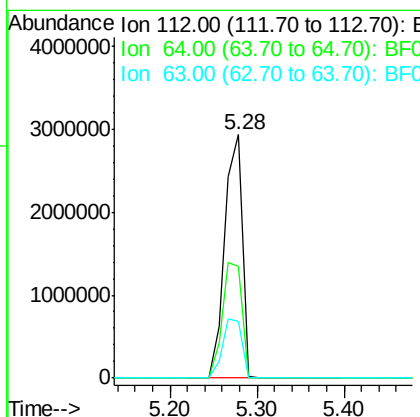
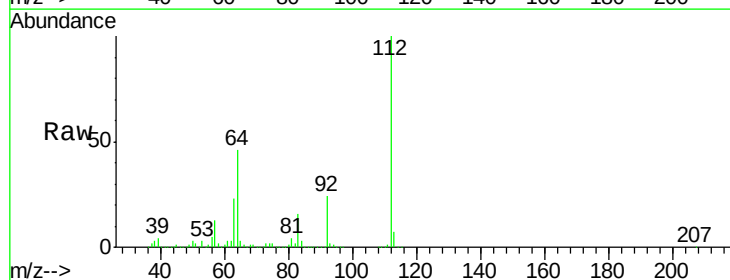
Instrument :
 BNA_F
 ClientSampleId :
 PB92924BL

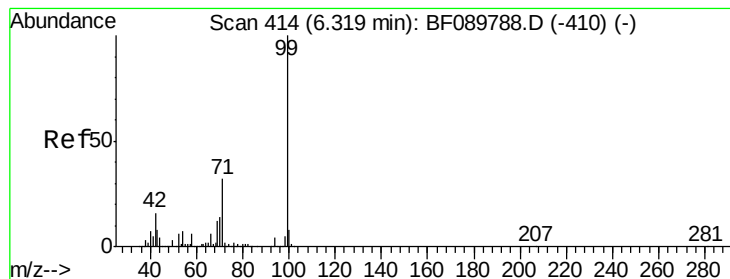
Tgt Ion:152 Resp: 573208
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.3 187.9
 115 55.4 40.9 61.3



#5
 2-Fluorophenol
 Concen: 123.94 ng
 RT: 5.28 min Scan# 323
 Delta R.T. 0.02 min
 Lab File: BF089799.D
 Acq: 19 Aug 2016 16:55

Tgt Ion:112 Resp: 4142665
 Ion Ratio Lower Upper
 112 100
 64 45.9 45.0 67.4
 63 23.0 23.1 34.7#





#7

Phenol-d6

Concen: 115.25 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089799.D

Acq: 19 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB92924BL

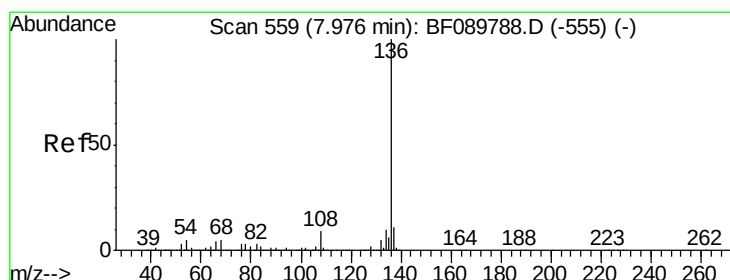
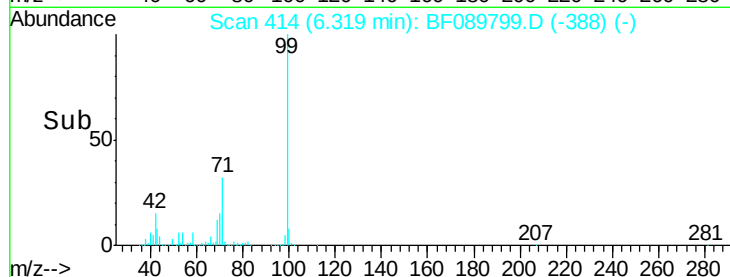
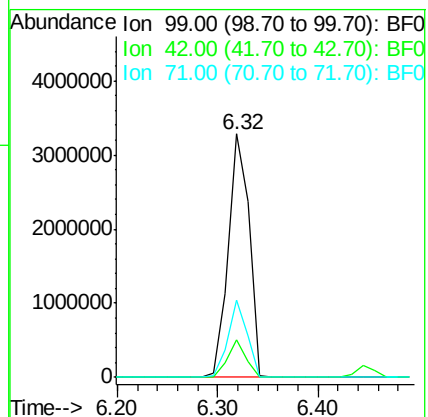
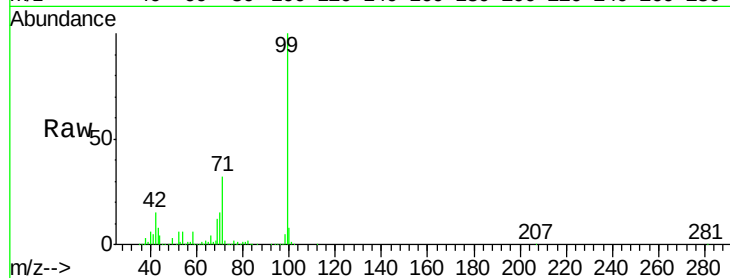
Tgt Ion: 99 Resp: 4729015

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.4

71 32.0 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089799.D

Acq: 19 Aug 2016 16:55

Tgt Ion: 136 Resp: 2070125

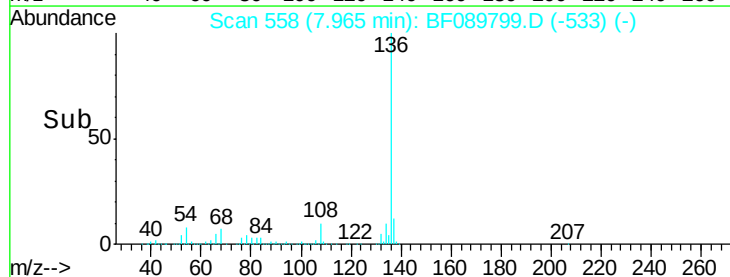
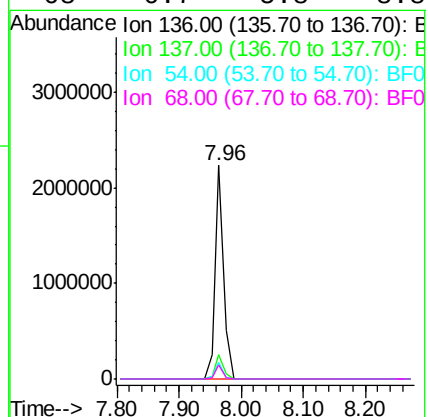
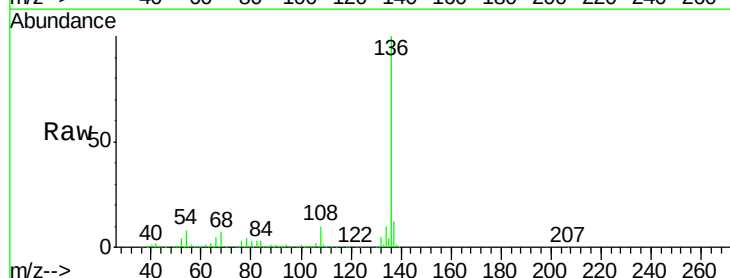
Ion Ratio Lower Upper

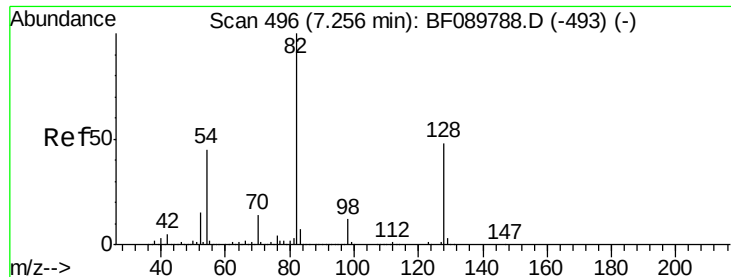
136 100

137 11.7 9.2 13.8

54 7.6 7.2 10.8

68 6.7 5.8 8.8

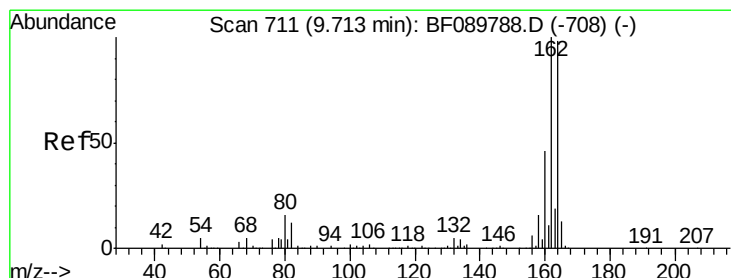
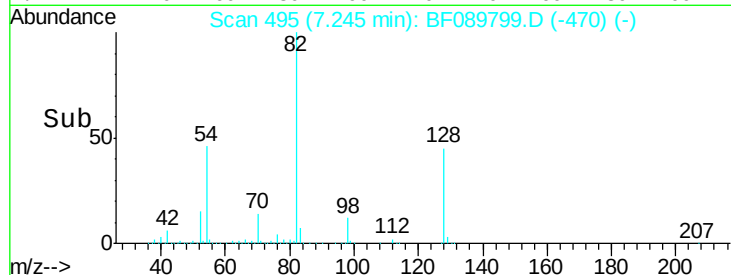
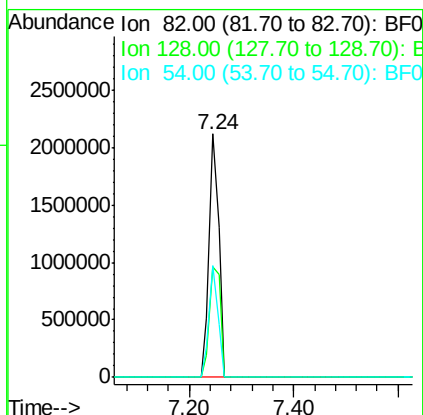
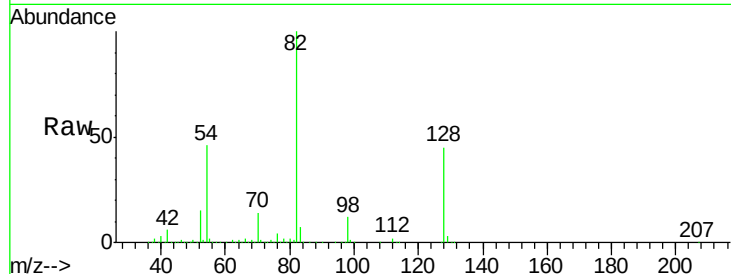




#23
 Nitrobenzene-d5
 Concen: 81.92 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089799.D
 Acq: 19 Aug 2016 16:55

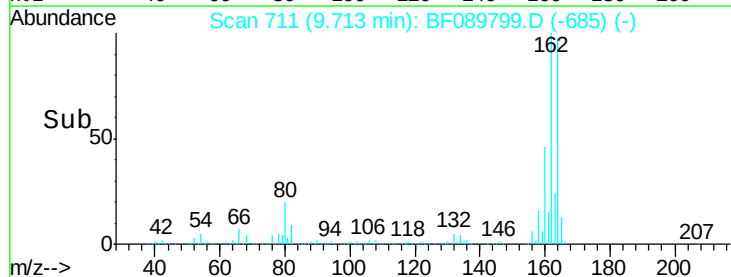
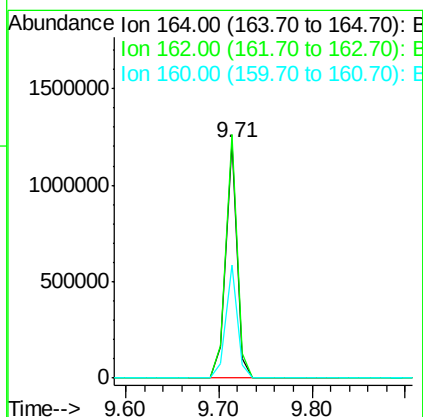
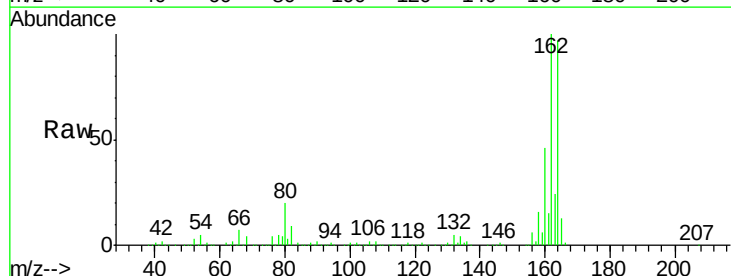
Instrument :
 BNA_F
 ClientSampleId :
 PB92924BL

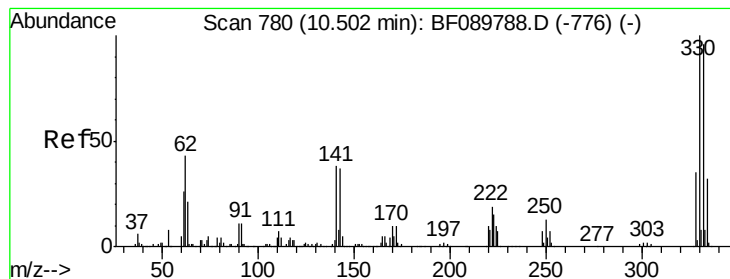
Tgt Ion: 82 Resp: 2729775
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.4 51.6
 54 45.9 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089799.D
 Acq: 19 Aug 2016 16:55

Tgt Ion: 164 Resp: 1023198
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.4 122.2
 160 47.9 37.8 56.6





#41

2,4,6-Tribromophenol

Concen: 113.01 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF089799.D

Acq: 19 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB92924BL

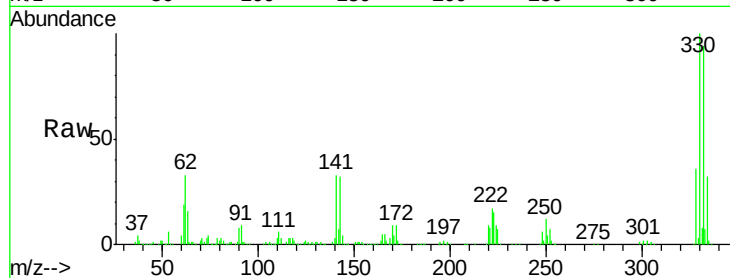
Tgt Ion:330 Resp: 1098886

Ion Ratio Lower Upper

330 100

332 94.3 76.7 115.1

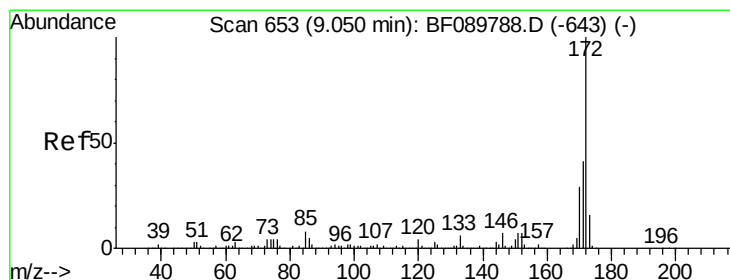
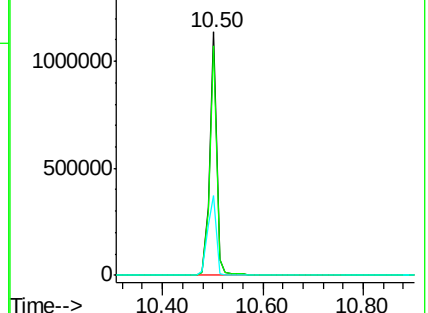
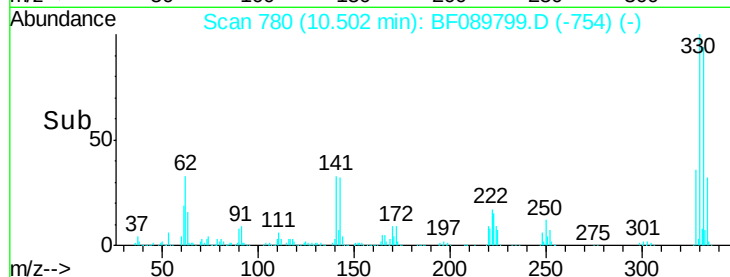
141 40.6 30.2 45.2



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: 83.51 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF089799.D

Acq: 19 Aug 2016 16:55

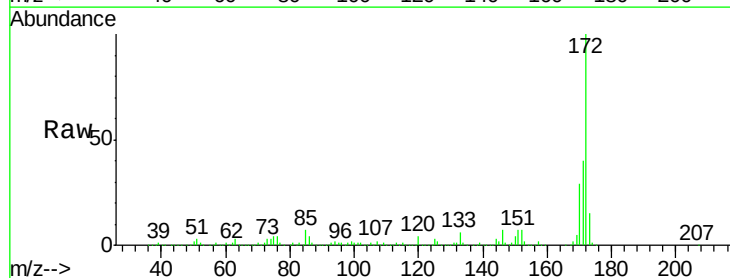
Tgt Ion:172 Resp: 4861707

Ion Ratio Lower Upper

172 100

171 40.5 30.5 45.7

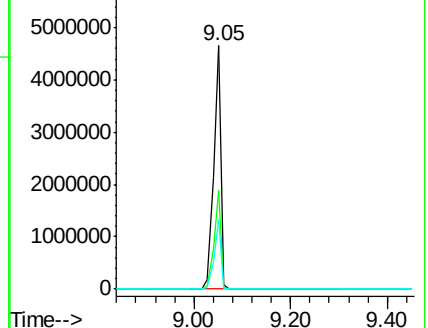
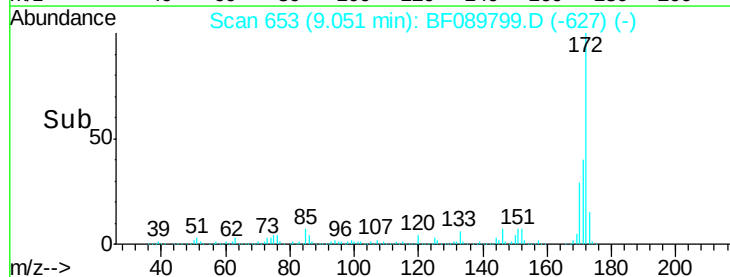
170 28.5 20.6 31.0

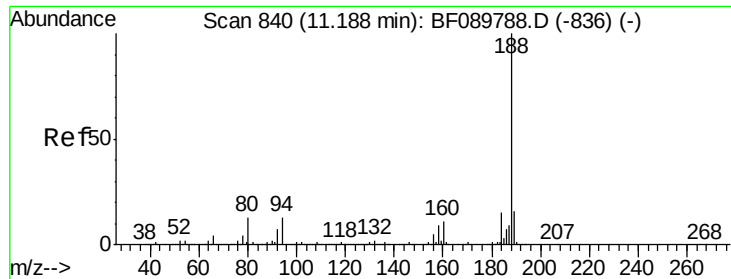


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

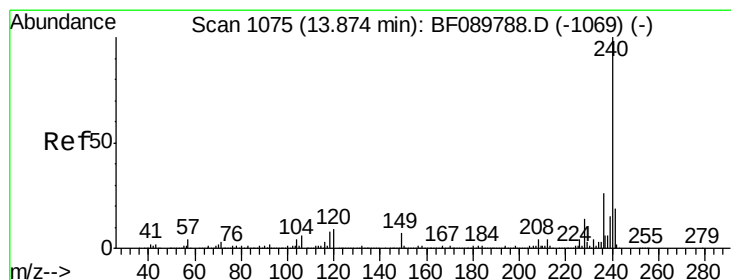
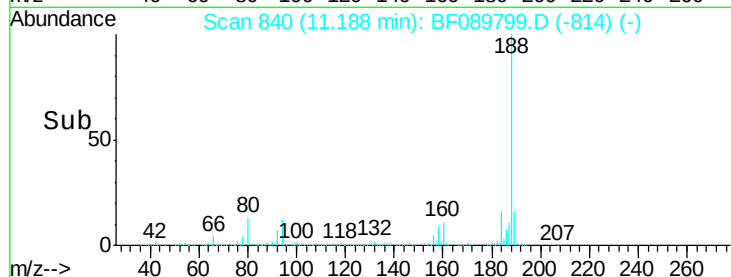
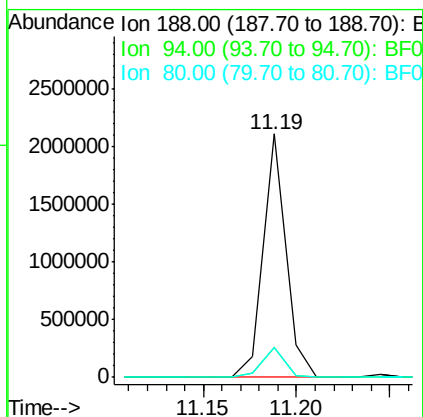
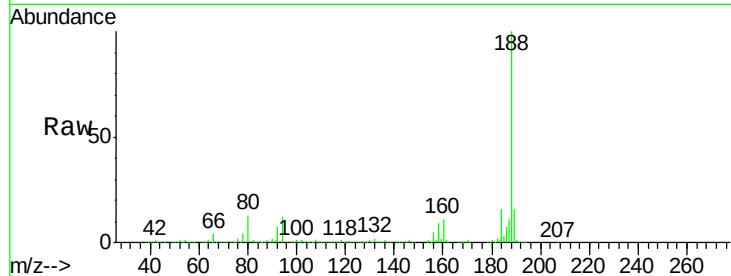




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF089799.D
Acq: 19 Aug 2016 16:55

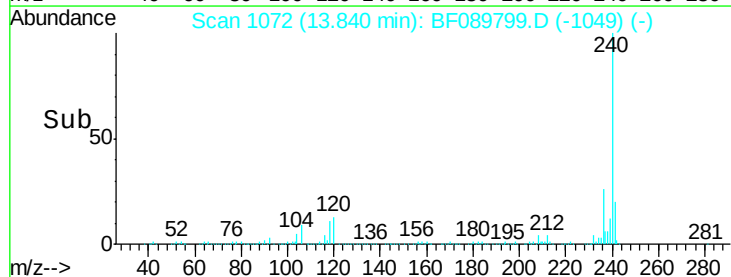
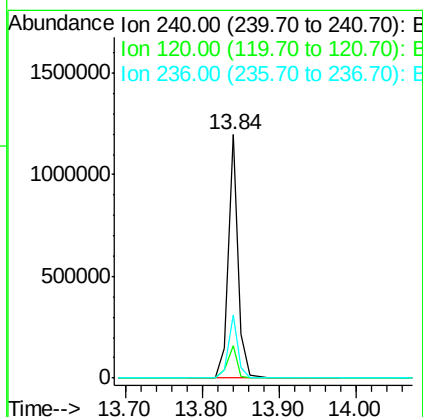
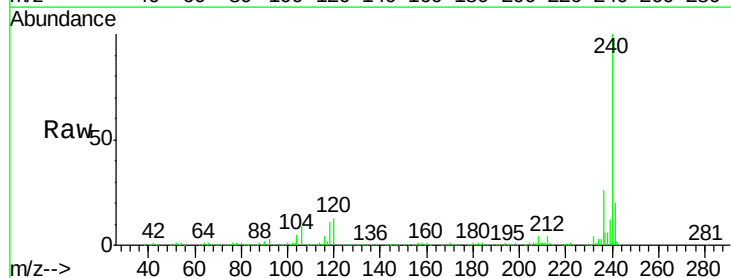
Instrument :
BNA_F
ClientSampled :
PB92924BL

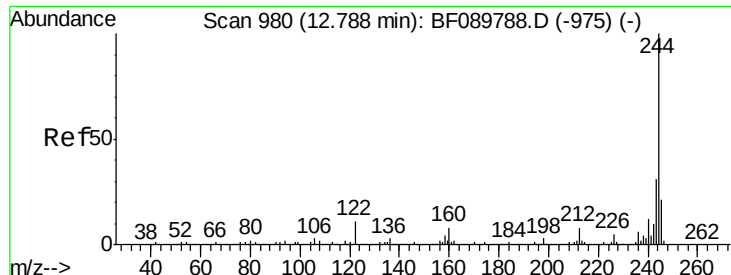
Tgt Ion:188 Resp: 1771958
Ion Ratio Lower Upper
188 100
94 12.0 10.2 15.2
80 12.5 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089799.D
Acq: 19 Aug 2016 16:55

Tgt Ion:240 Resp: 1097551
Ion Ratio Lower Upper
240 100
120 13.3 8.3 12.5#
236 25.9 21.3 31.9





#78

Terphenyl-d14

Concen: 86.90 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089799.D

Acq: 19 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB92924BL

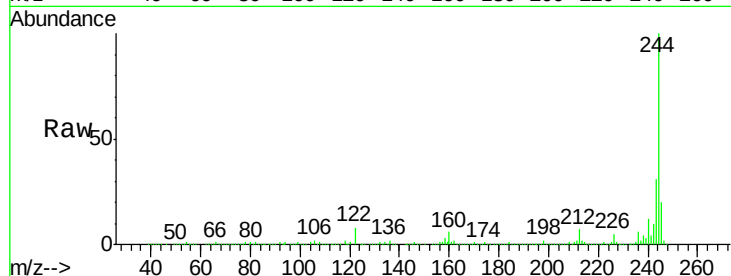
Tgt Ion:244 Resp: 4215753

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

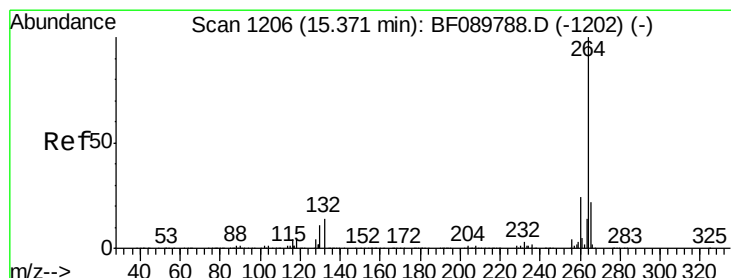
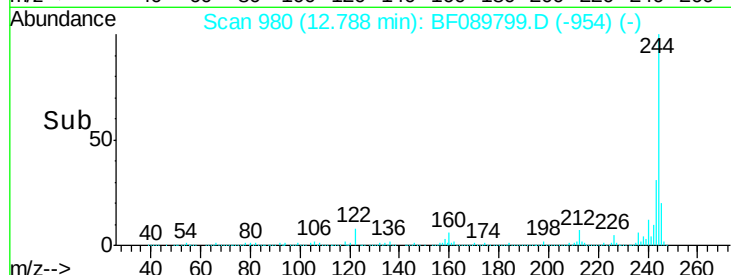
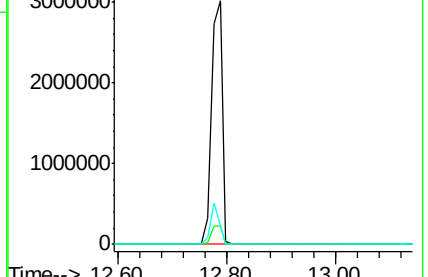
122 7.5 12.0 18.0#



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: 15.30 min Scan# 1200

Delta R.T. -0.07 min

Lab File: BF089799.D

Acq: 19 Aug 2016 16:55

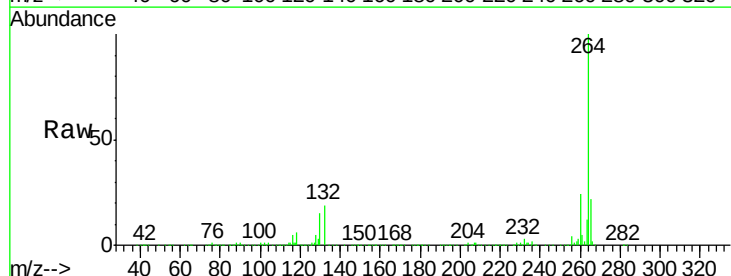
Tgt Ion:264 Resp: 951742

Ion Ratio Lower Upper

264 100

260 23.9 20.2 30.2

265 22.0 17.4 26.2



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

