

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089801.D
 Acq On : 19 Aug 2016 17:47
 Operator : UM/SJ
 Sample : PB92975BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BL

Quant Time: Aug 22 01:40:53 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	573249	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	2141201	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	1064283	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1867068	20.00	ng	0.00
75) Chrysene-d12	13.83	240	1553730	20.00	ng	-0.05
86) Perylene-d12	15.28	264	1149339	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	4130579	123.57	ng	0.01
7) Phenol-d6	6.32	99	4622317	112.65	ng	0.00
23) Nitrobenzene-d5	7.24	82	2644918	76.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	999468	98.82	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	5083094	83.94	ng	0.00
78) Terphenyl-d14	12.79	244	4608973	67.11	ng	0.00

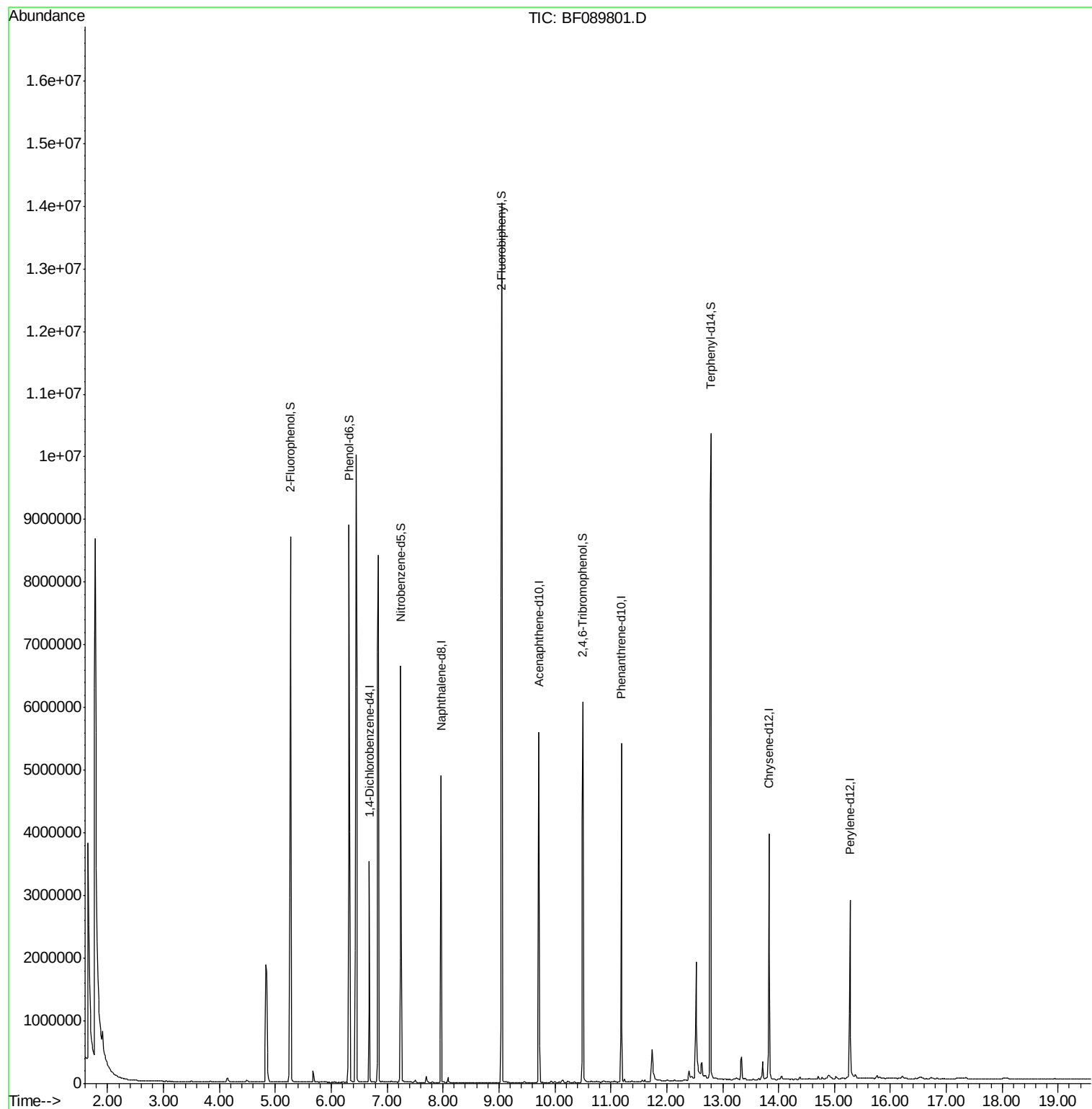
Target Compounds Qvalue

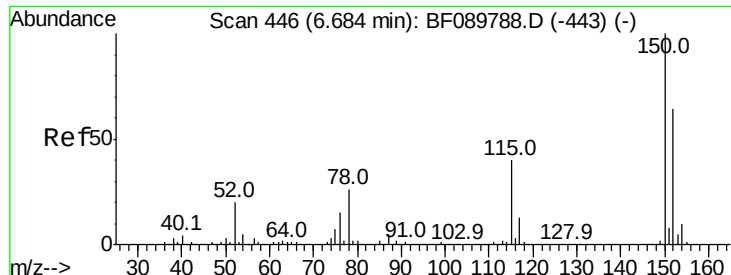
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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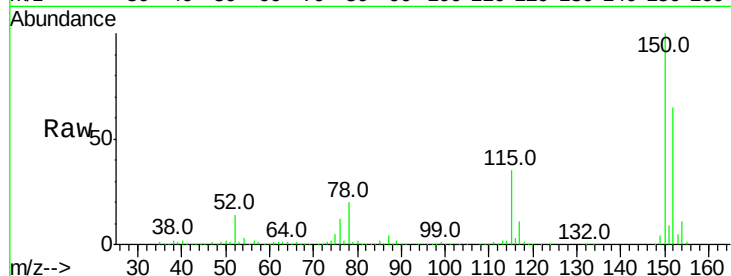


#1

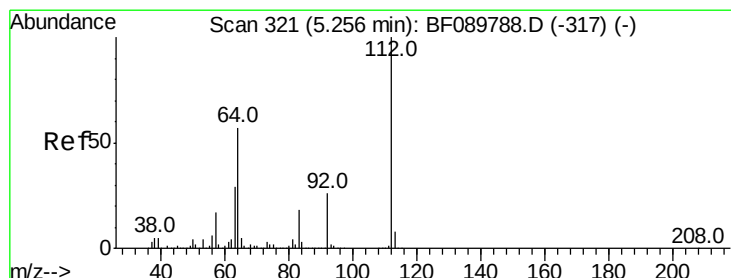
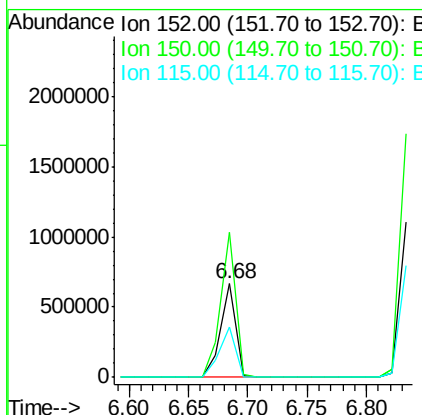
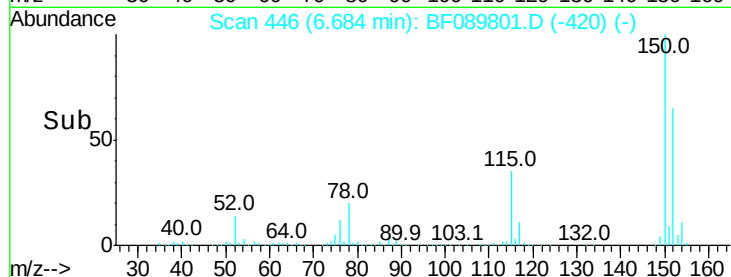
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089801.D
Acq: 19 Aug 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB92975BL

Tot Ion:152 Resp: 573249
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 53.9 40.9 61.3



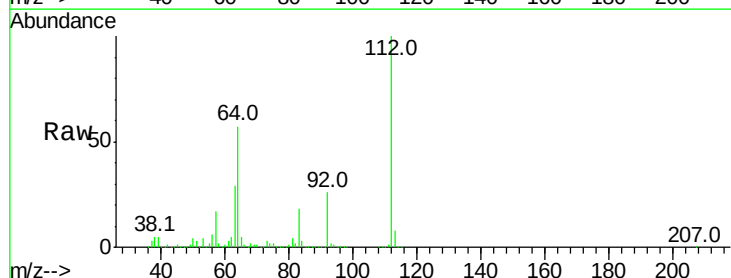
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



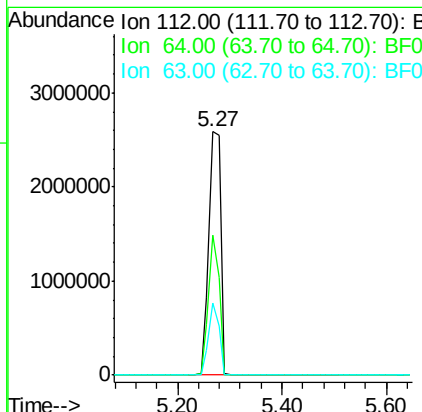
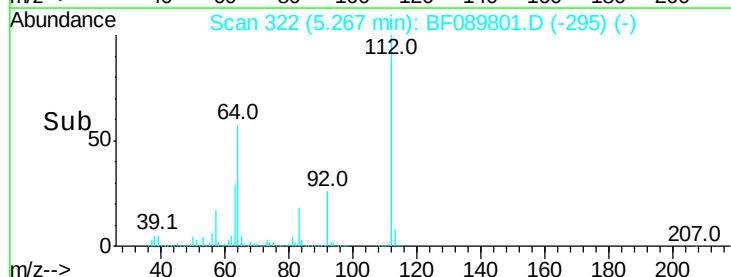
#5

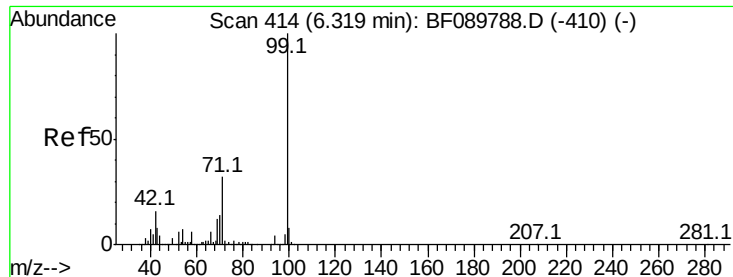
2-Fluorophenol
Concen: 123.57 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF089801.D
Acq: 19 Aug 2016 17:47

Tgt Ion:112 Resp: 4130579
Ion Ratio Lower Upper
112 100
64 57.4 45.0 67.4
63 29.4 23.1 34.7



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: 112.65 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089801.D

Acq: 19 Aug 2016 17:47

Instrument :

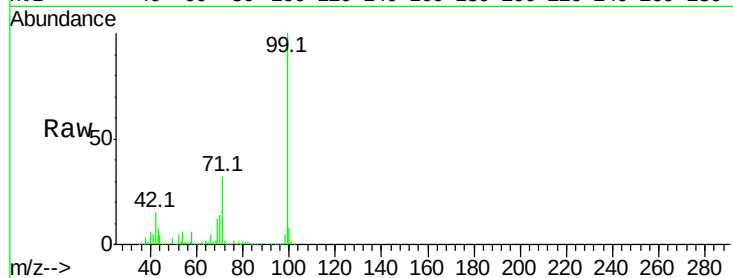
BNA_F

ClientSampleId :

PB92975BL

Tot Ion: 99 Resp: 4622317

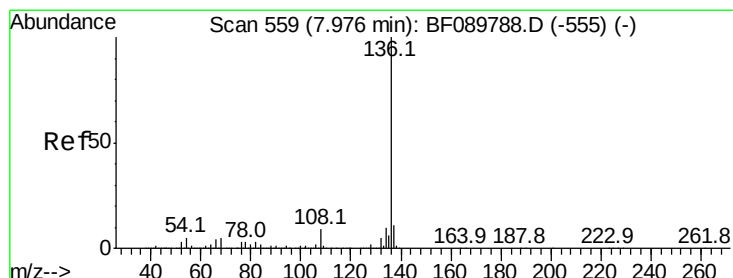
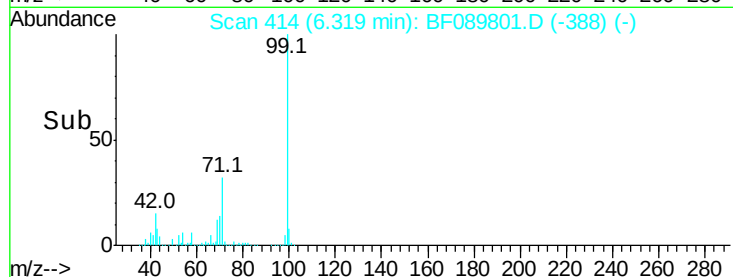
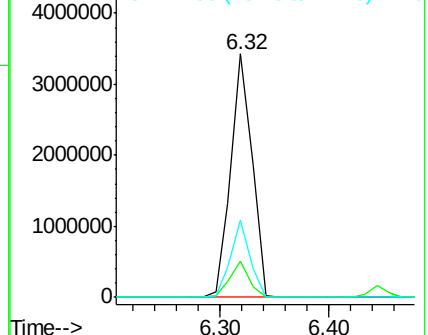
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.4
71	32.0	23.8	35.8



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: 7.96 min Scan# 558

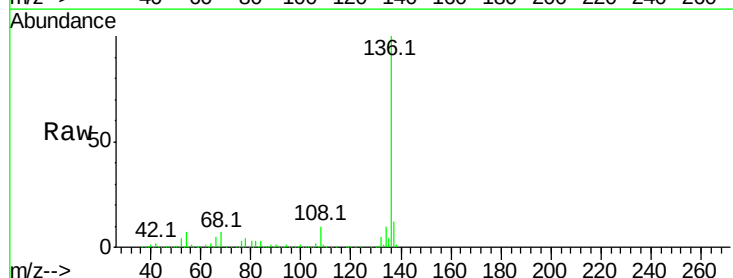
Delta R.T. -0.01 min

Lab File: BF089801.D

Acq: 19 Aug 2016 17:47

Tgt Ion: 136 Resp: 2141201

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	7.2	7.2	10.8
68	6.6	5.8	8.8

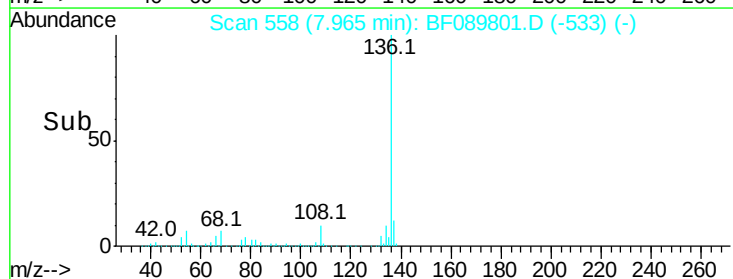
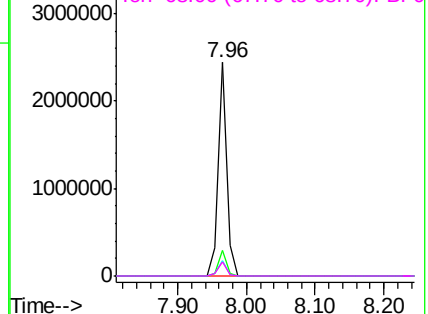


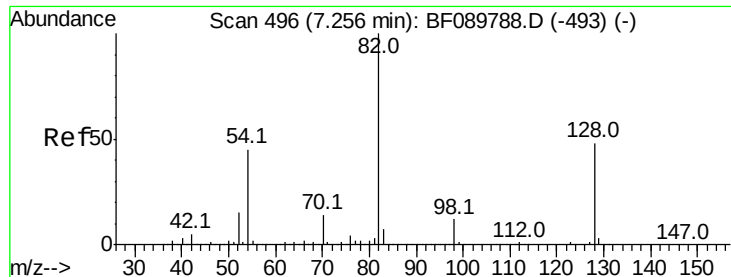
Abundance Ion 136.00 (135.70 to 136.70): E

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



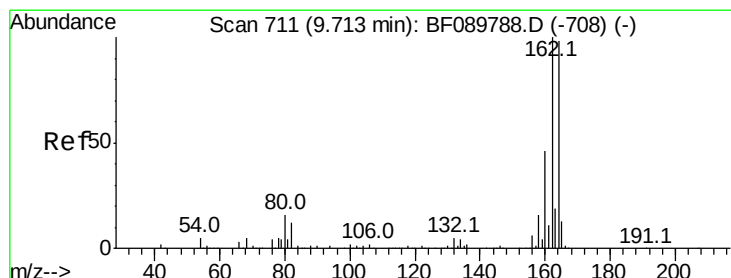
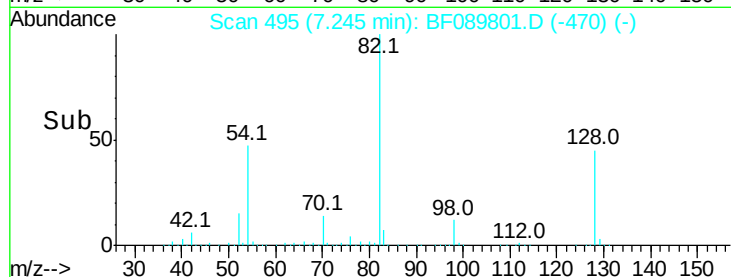
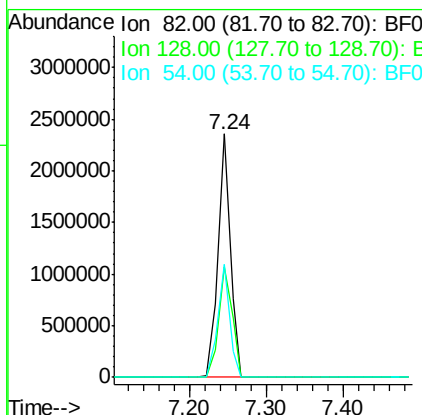
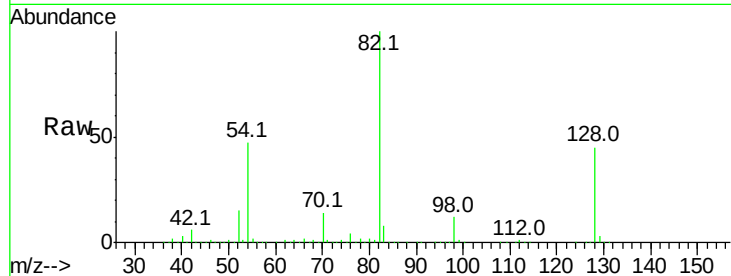


#23
 Nitrobenzene-d5
 Concen: 76.74 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089801.D
 Acq: 19 Aug 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BL

Tot Ion: 82 Resp: 2644918

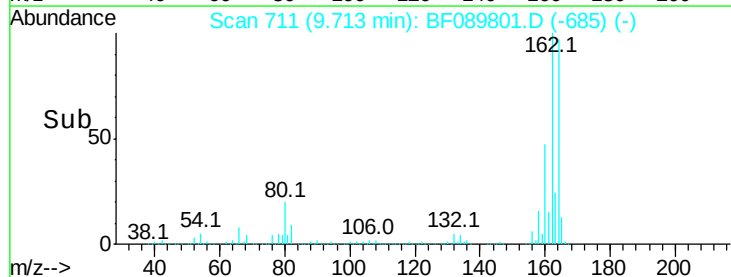
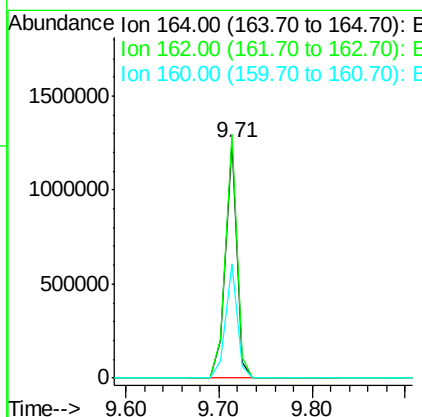
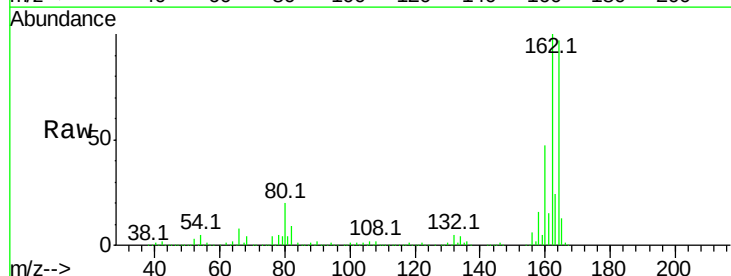
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.4	51.6
54	46.6	40.3	60.5

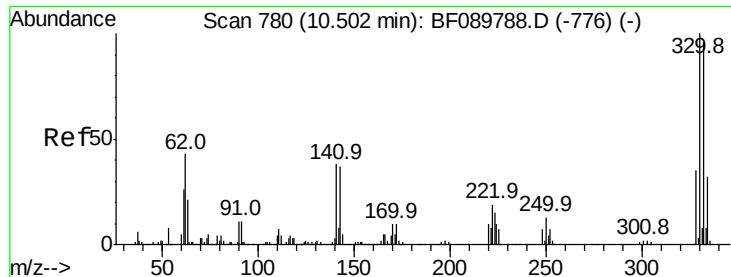


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF089801.D
 Acq: 19 Aug 2016 17:47

Tgt Ion:164 Resp: 1064283

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.2
160	48.4	37.8	56.6

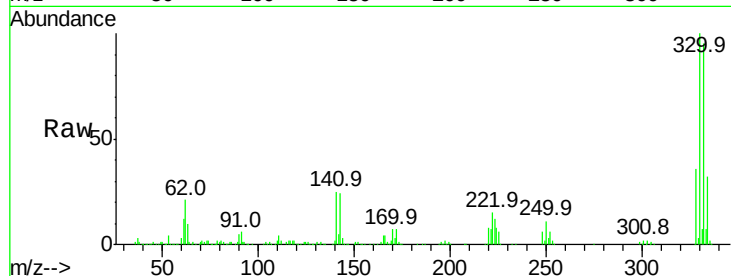




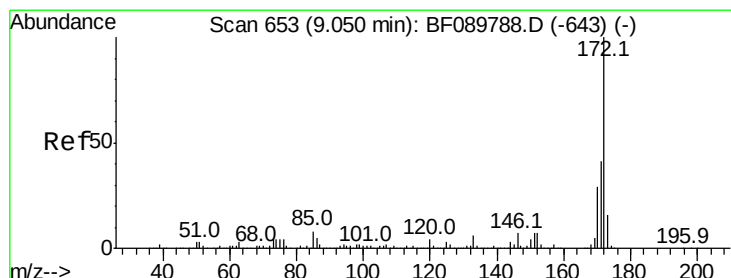
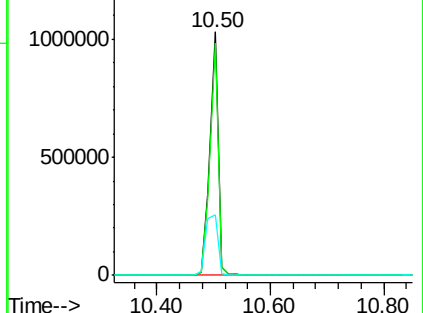
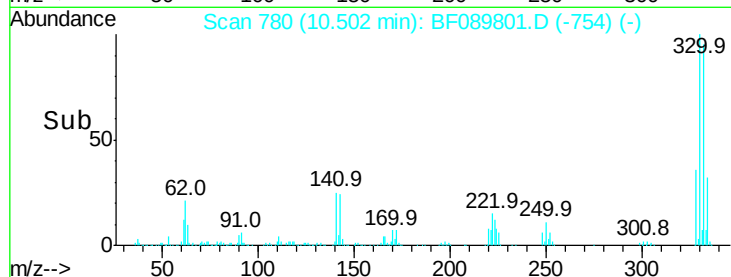
#41
 2,4,6-Tribromophenol
 Concen: 98.82 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089801.D
 Acq: 19 Aug 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.7	115.1
141	36.5	30.2	45.2

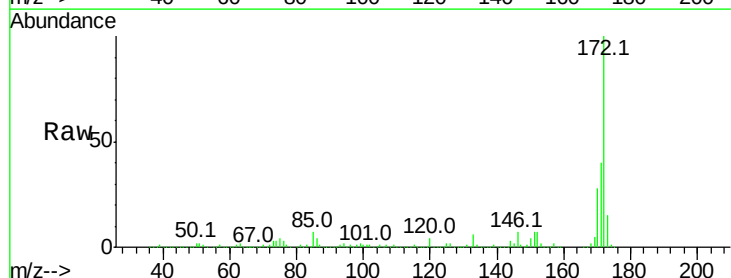


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

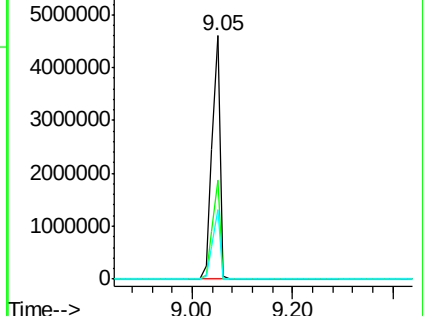
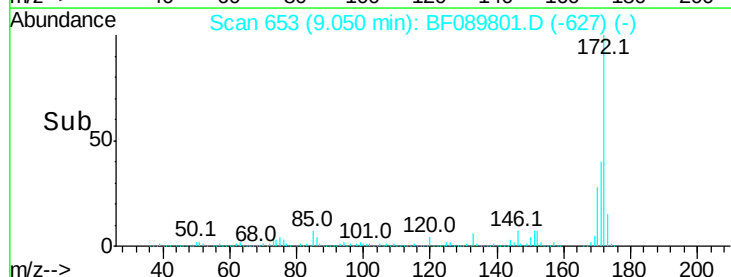


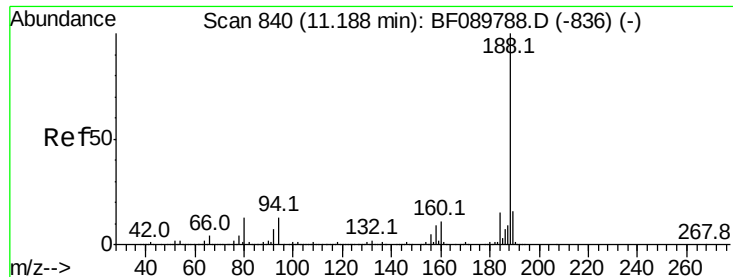
#44
 2-Fluorobiphenyl
 Concen: 83.94 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089801.D
 Acq: 19 Aug 2016 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	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

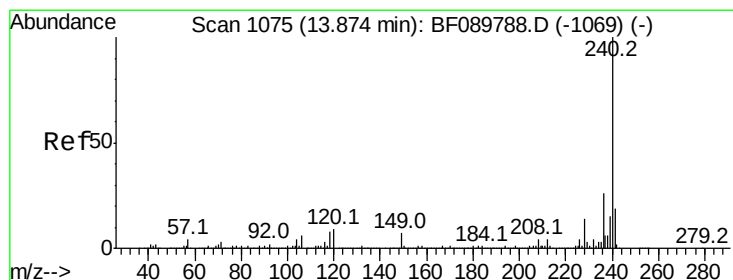
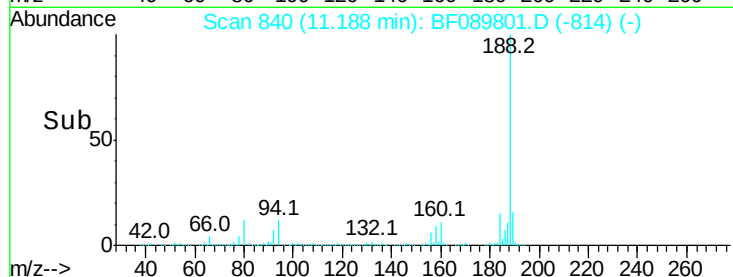
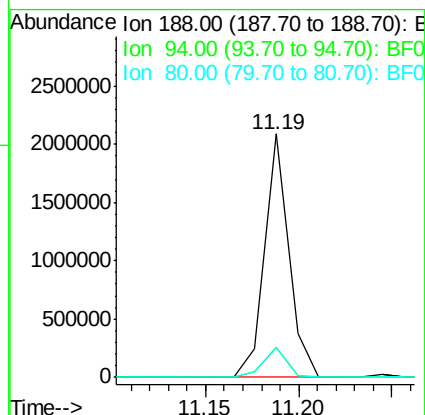
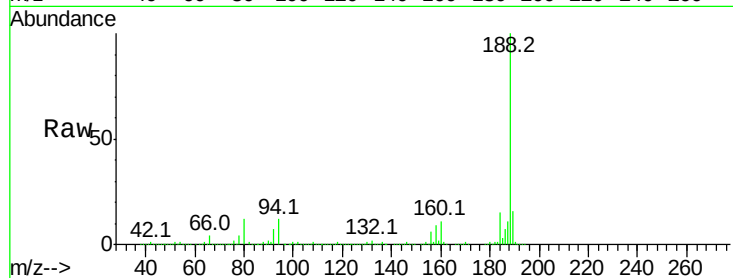




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089801.D
Acq: 19 Aug 2016 17:47

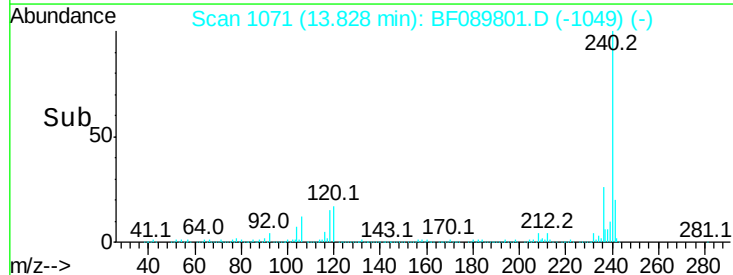
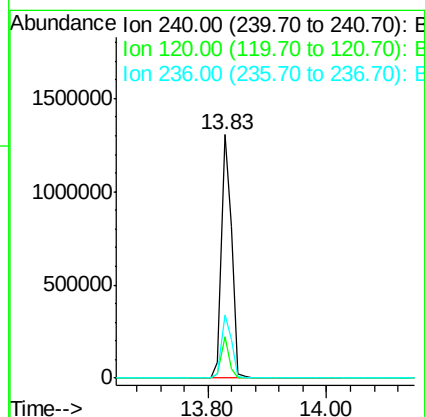
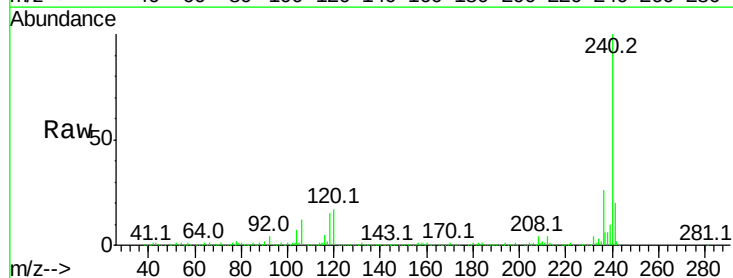
Instrument :
BNA_F
ClientSampleID :
PB92975BL

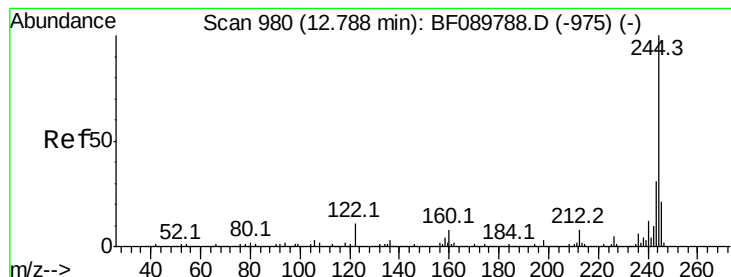
Tot Ion:188 Resp: 1867068
Ion Ratio Lower Upper
188 100
94 12.0 10.2 15.2
80 12.3 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF089801.D
Acq: 19 Aug 2016 17:47

Tgt Ion:240 Resp: 1553730
Ion Ratio Lower Upper
240 100
120 16.9 8.3 12.5#
236 26.1 21.3 31.9





#78

Terphenyl-d14

Concen: 67.11 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089801.D

Acq: 19 Aug 2016 17:47

Instrument :

BNA_F

ClientSampleId :

PB92975BL

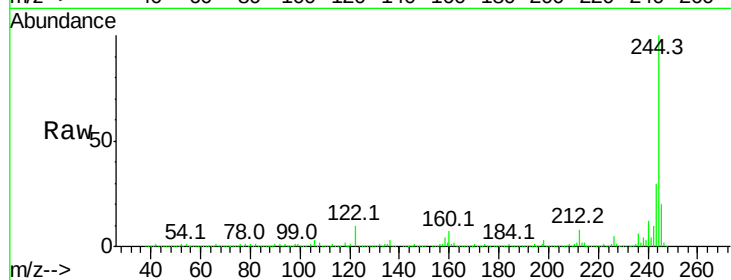
Tot Ion:244 Resp: 4608973

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

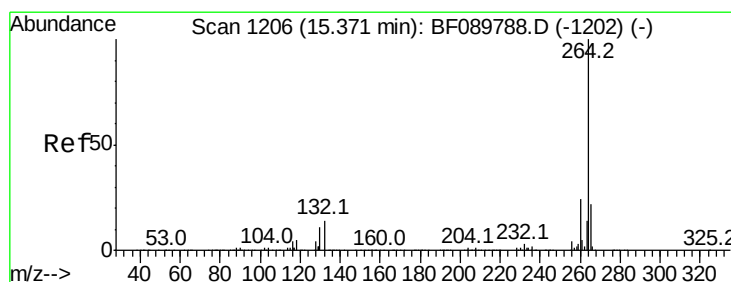
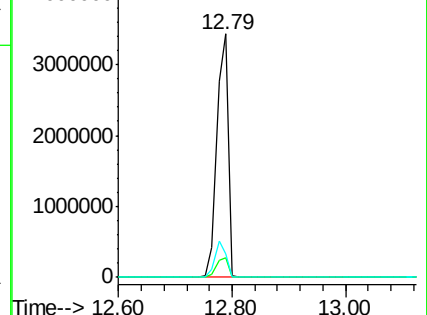
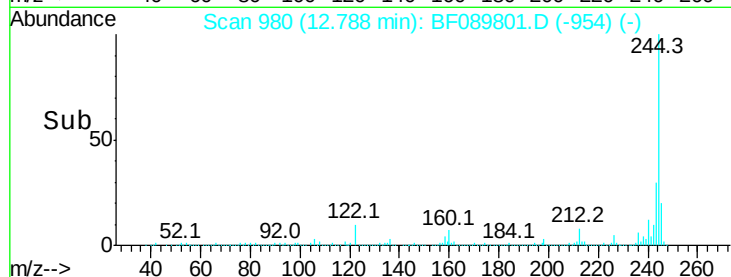
122 9.7 12.0 18.0#



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: 15.28 min Scan# 1198

Delta R.T. -0.09 min

Lab File: BF089801.D

Acq: 19 Aug 2016 17:47

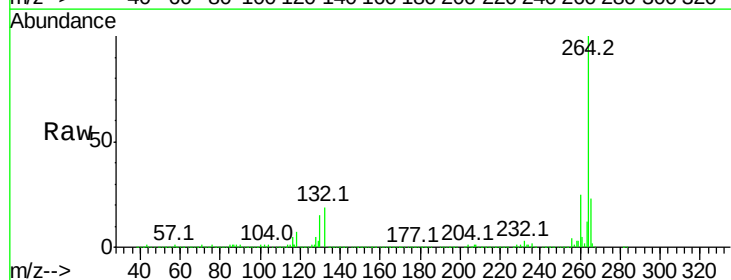
Tgt Ion:264 Resp: 1149339

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

265 22.6 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

