

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089807.D
 Acq On : 19 Aug 2016 20:27
 Operator : UM/SJ
 Sample : H4367-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-3

Quant Time: Aug 22 09:50:15 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

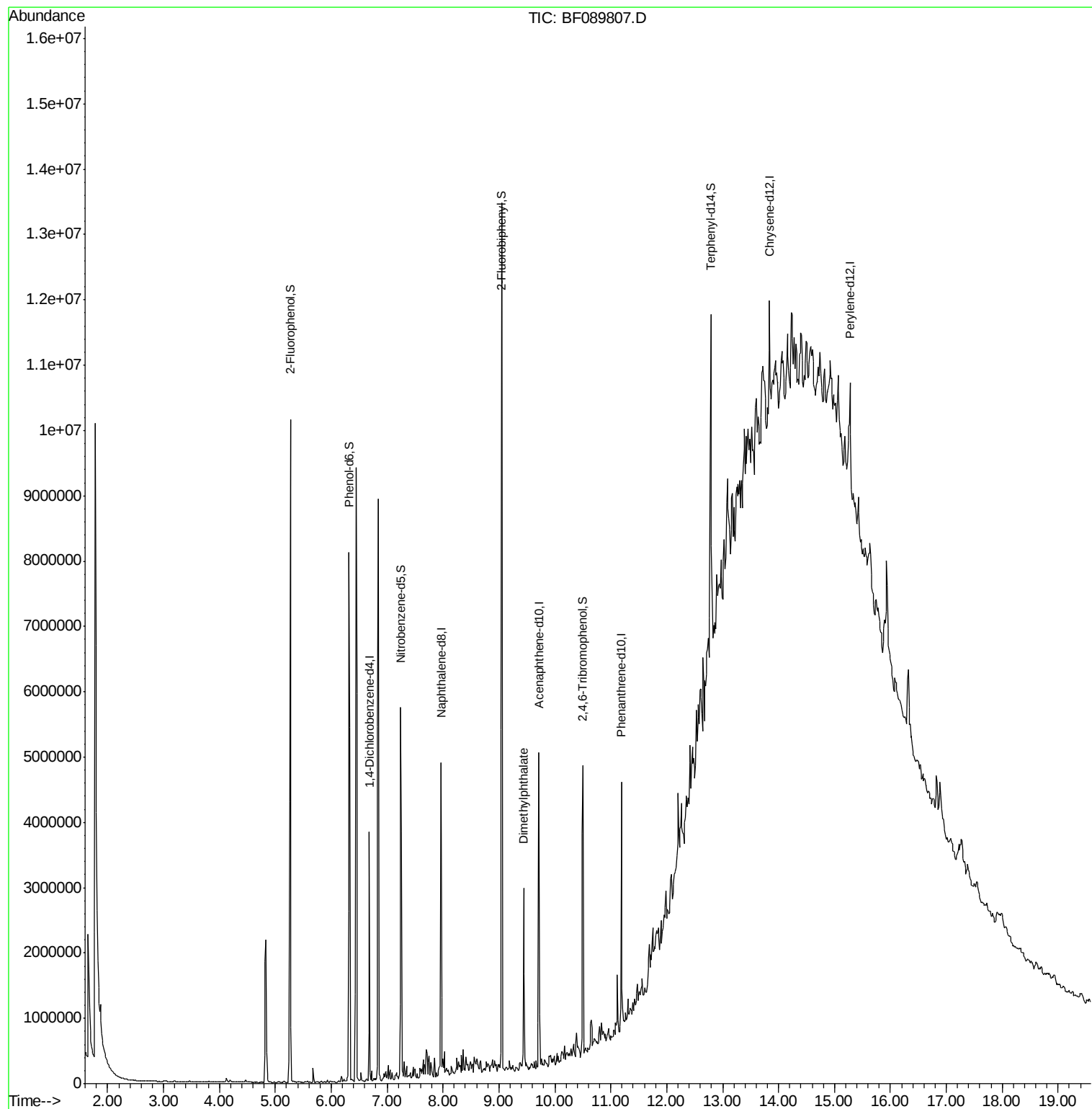
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	571947	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1941409	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	889485	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1329297	20.00	ng	0.00
75) Chrysene-d12	13.84	240	831467	20.00	ng	-0.03
86) Perylene-d12	15.28	264	909233	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	3303957	99.06	ng	0.01
7) Phenol-d6	6.32	99	4490294	109.68	ng	0.00
23) Nitrobenzene-d5	7.24	82	2527318	80.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	772943	91.44	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4245575	83.89	ng	0.00
78) Terphenyl-d14	12.79	244	2441006	66.42	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	1427398	22.79	ng	99

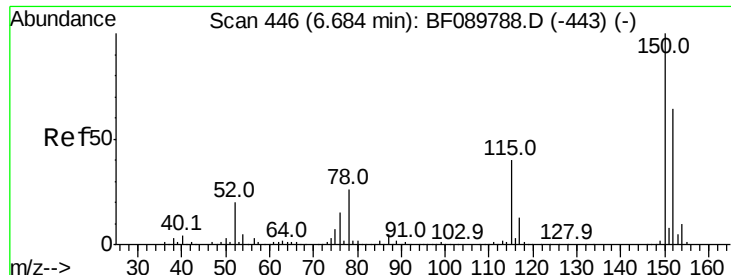
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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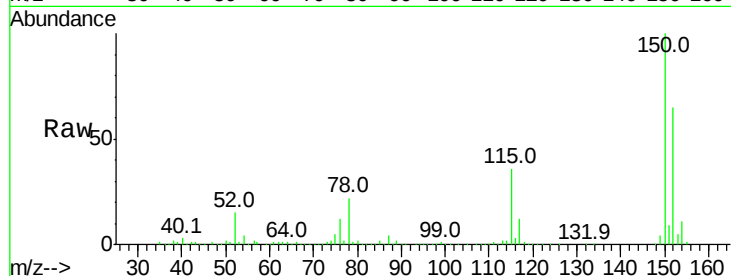


#1

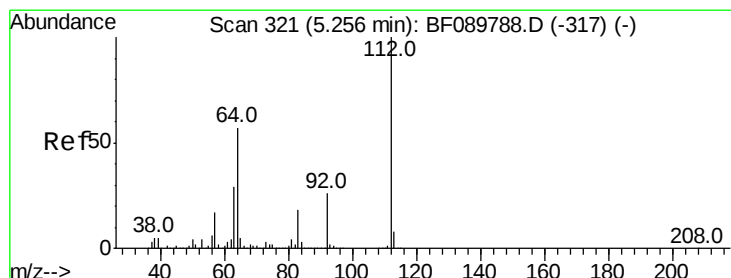
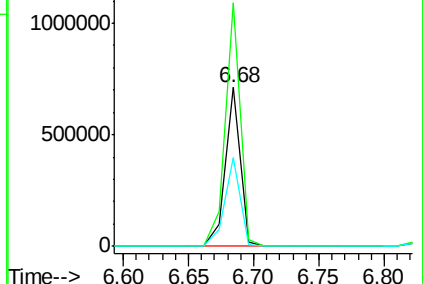
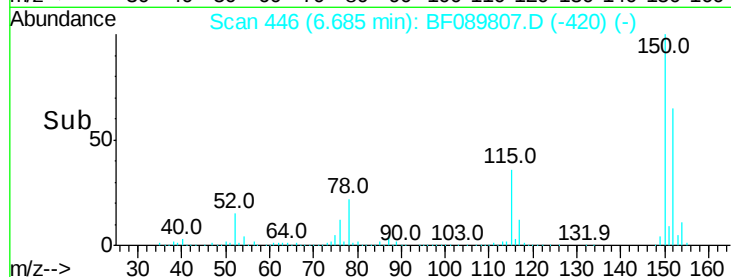
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089807.D
Acq: 19 Aug 2016 20:27

Instrument :
BNA_F
ClientSampleId :
I-3

Tot Ion:152 Resp: 571947
Ion Ratio Lower Upper
152 100
150 153.1 125.3 187.9
115 55.7 40.9 61.3



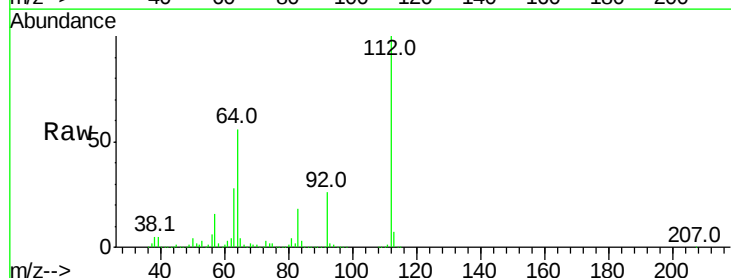
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



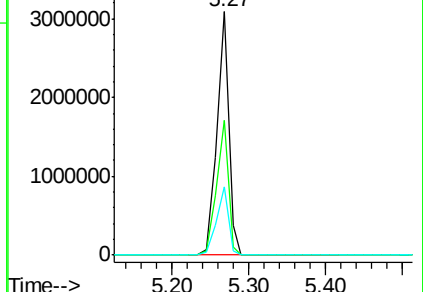
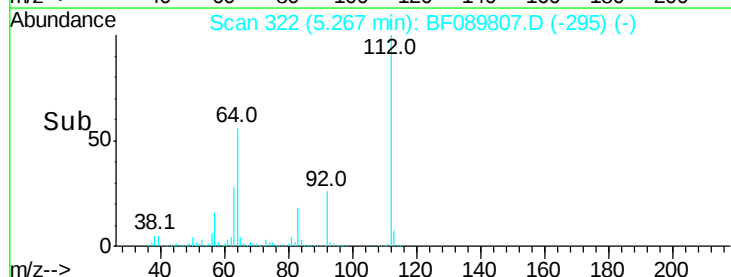
#5

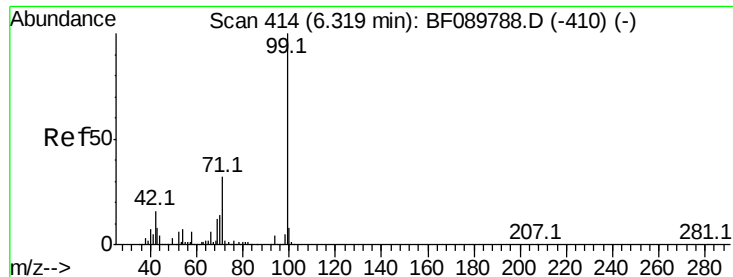
2-Fluorophenol
Concen: 99.06 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF089807.D
Acq: 19 Aug 2016 20:27

Tgt Ion:112 Resp: 3303957
Ion Ratio Lower Upper
112 100
64 55.6 45.0 67.4
63 28.0 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: 109.68 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089807.D

Acq: 19 Aug 2016 20:27

Instrument :

BNA_F

ClientSampleId :

I-3

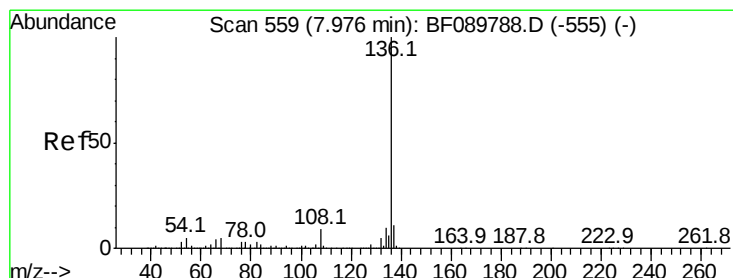
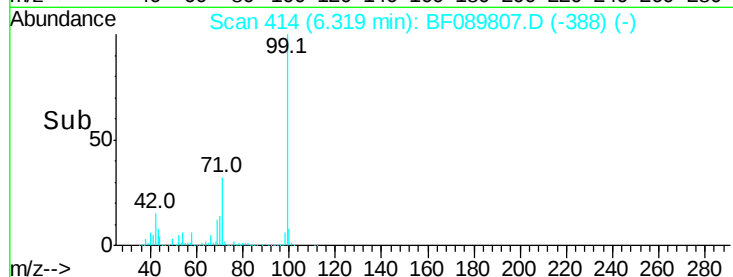
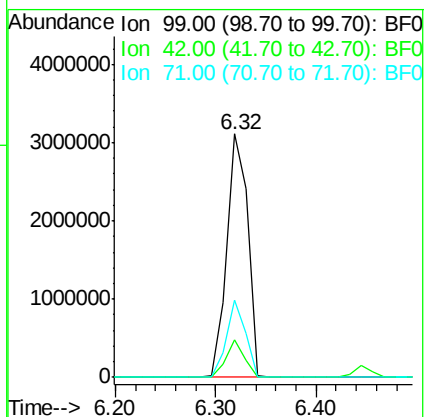
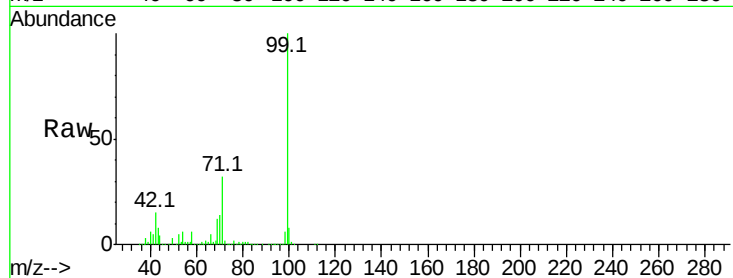
Tot Ion: 99 Resp: 4490294

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.4

71 31.8 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: BF089807.D

Acq: 19 Aug 2016 20:27

Tgt Ion: 136 Resp: 1941409

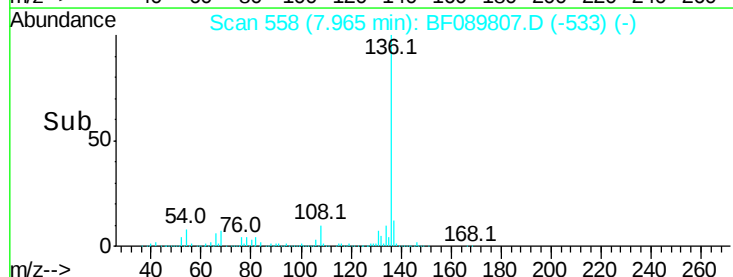
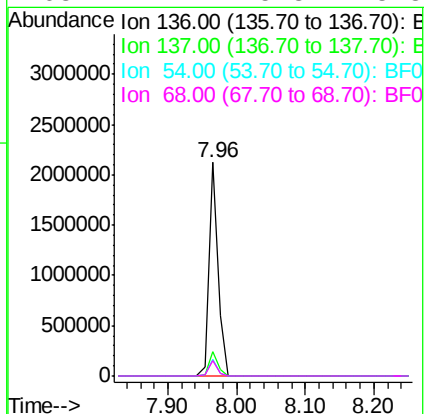
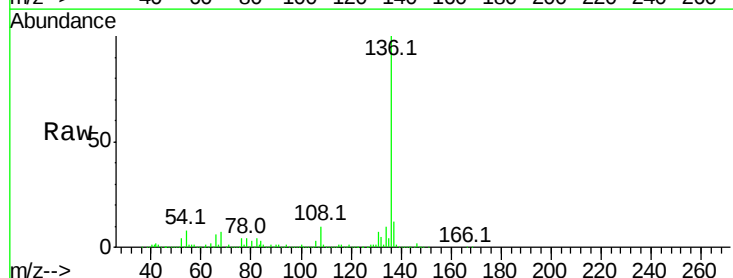
Ion Ratio Lower Upper

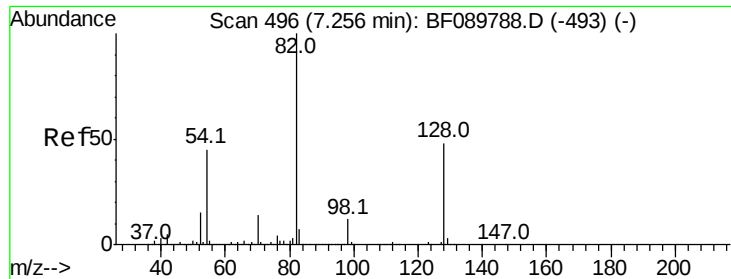
136 100

137 11.7 9.2 13.8

54 8.0 7.2 10.8

68 7.1 5.8 8.8



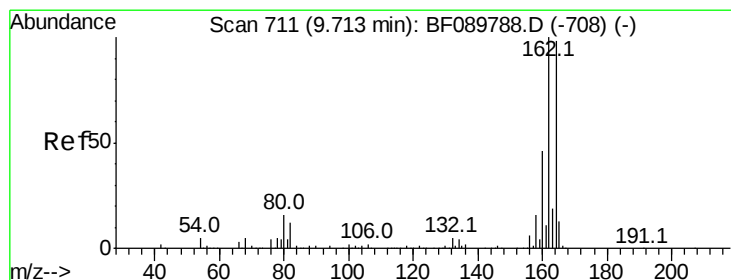
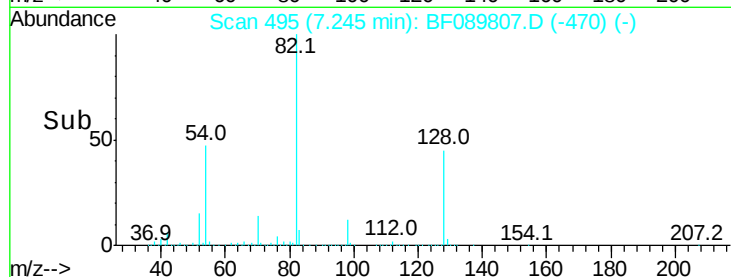
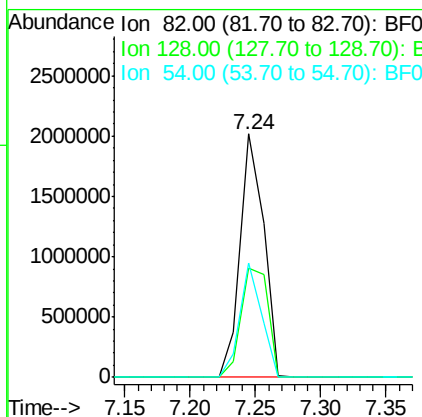
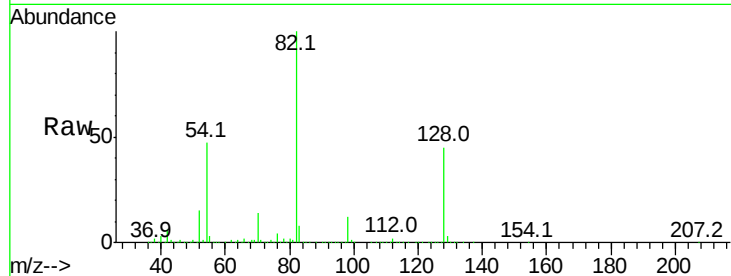


#23
 Nitrobenzene-d5
 Concen: 80.87 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089807.D
 Acq: 19 Aug 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 I-3

Tot Ion: 82 Resp: 2527318

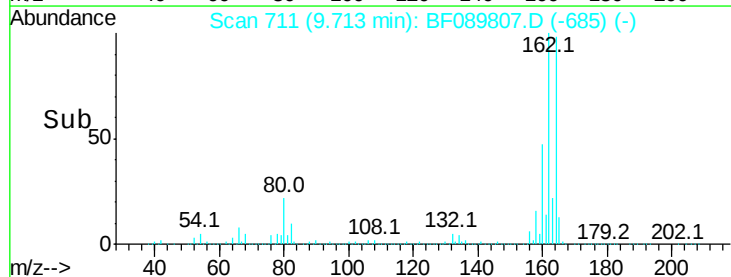
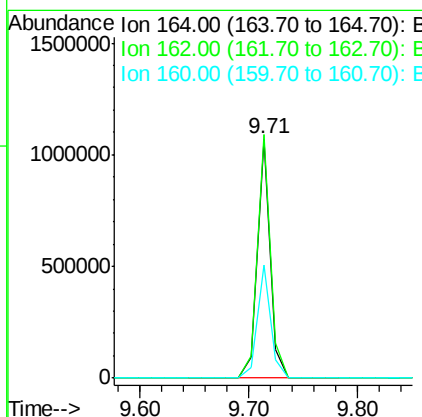
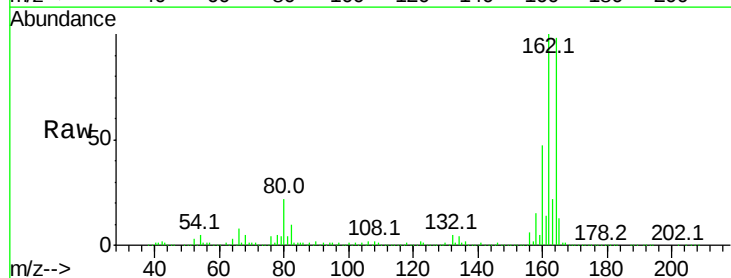
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.4	51.6
54	46.8	40.3	60.5

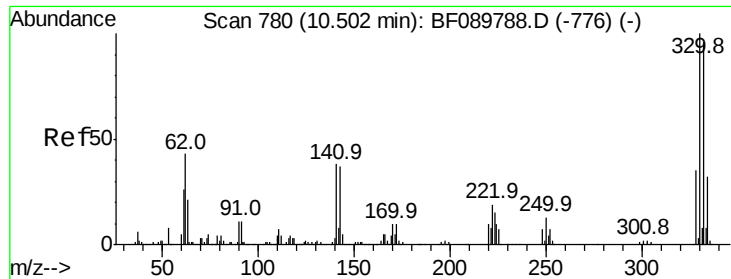


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089807.D
 Acq: 19 Aug 2016 20:27

Tgt Ion:164 Resp: 889485

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	47.5	37.8	56.6

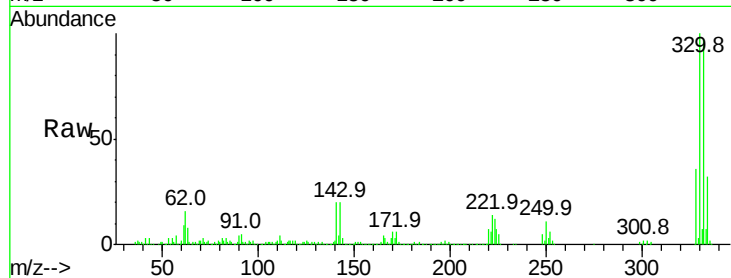




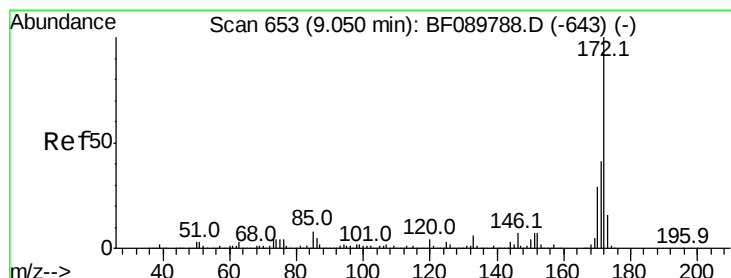
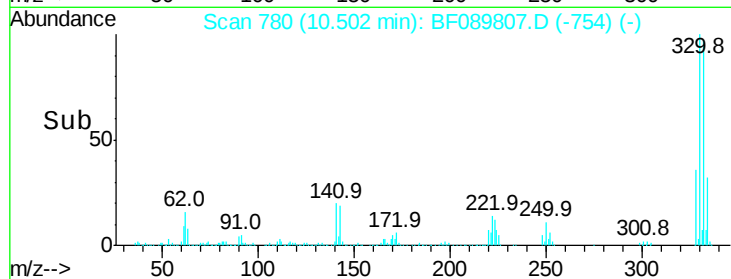
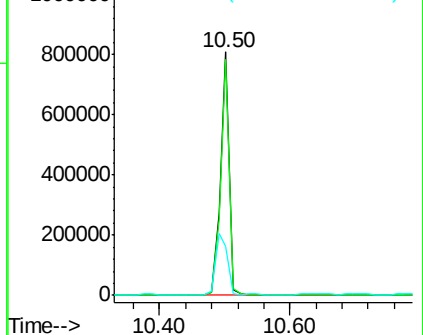
#41
 2,4,6-Tribromophenol
 Concen: 91.44 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089807.D
 Acq: 19 Aug 2016 20:27

Instrument :
 BNA_F
 ClientSampled :
 I-3

Tot Ion:330 Resp: 772943
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 34.2 30.2 45.2

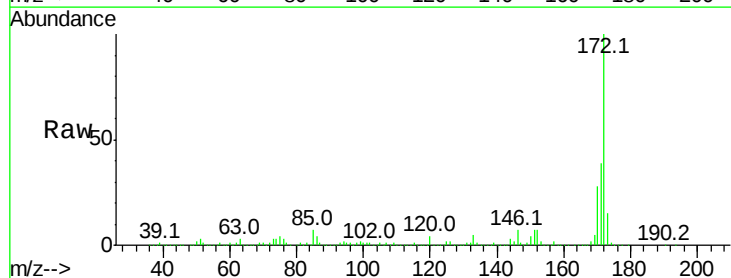


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

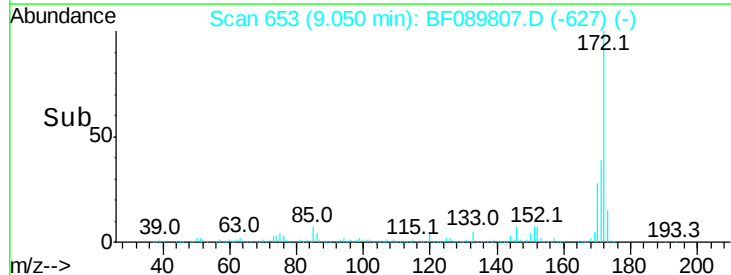
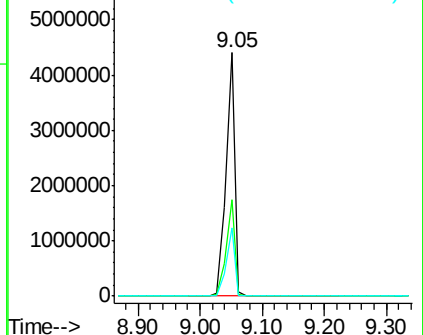


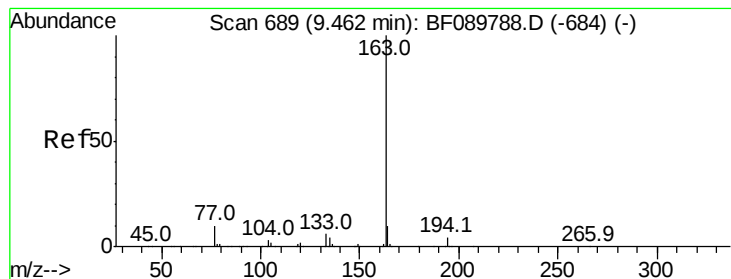
#44
 2-Fluorobiphenyl
 Concen: 83.89 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089807.D
 Acq: 19 Aug 2016 20:27

Tgt Ion:172 Resp: 4245575
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.5 45.7
 170 28.0 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





#49

Dimethylphthalate

Concen: 22.79 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089807.D

Acq: 19 Aug 2016 20:27

Instrument :

BNA_F

ClientSampleId :

I-3

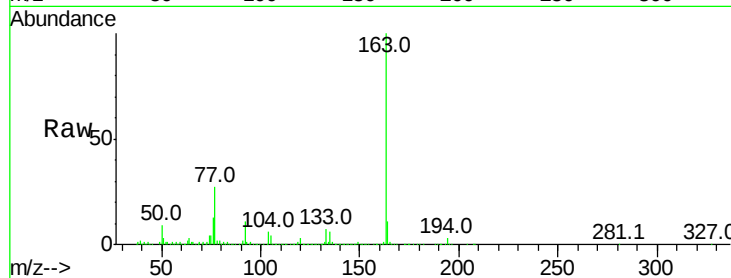
Tot Ion:163 Resp: 1427398

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

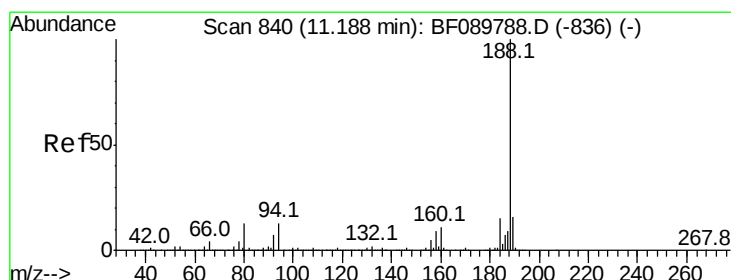
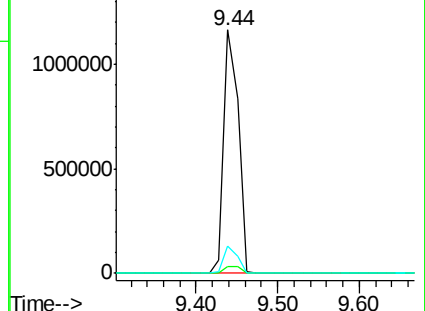
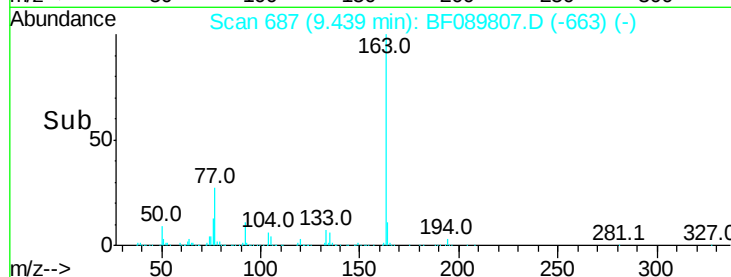
164 11.0 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089807.D

Acq: 19 Aug 2016 20:27

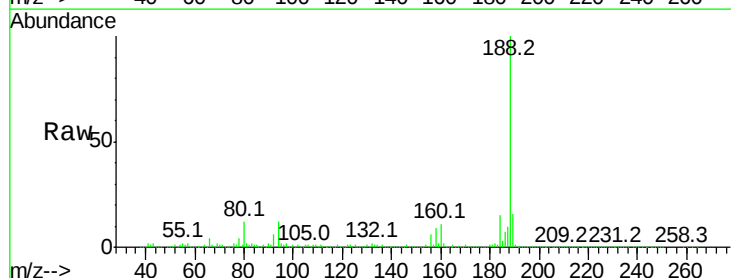
Tgt Ion:188 Resp: 1329297

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.2

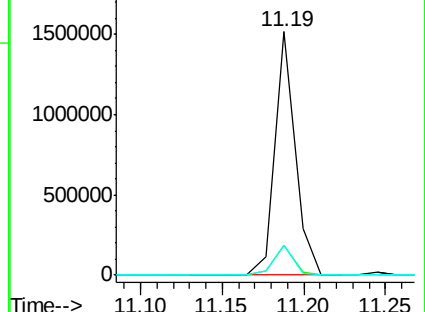
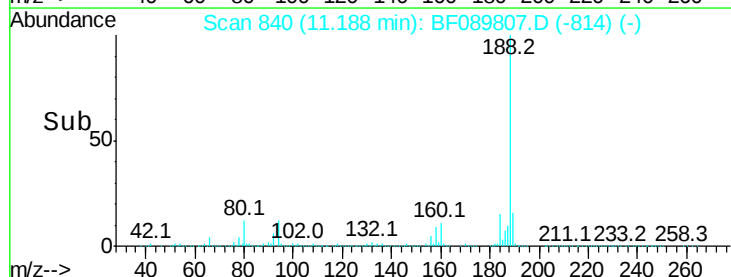
80 12.5 10.9 16.3

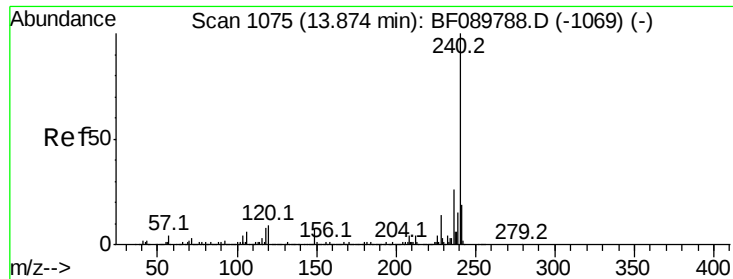


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089807.D

Acq: 19 Aug 2016 20:27

Instrument :

BNA_F

ClientSampleId :

I-3

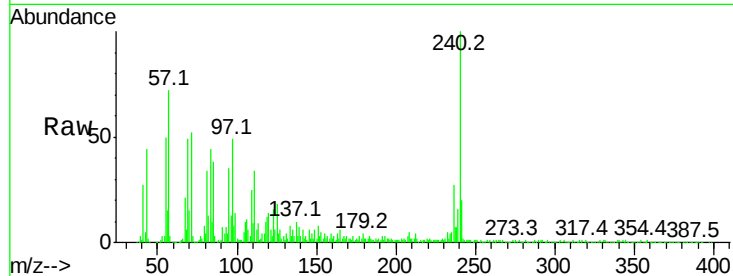
Tot Ion:240 Resp: 831467

Ion Ratio Lower Upper

240 100

120 14.4 8.3 12.5#

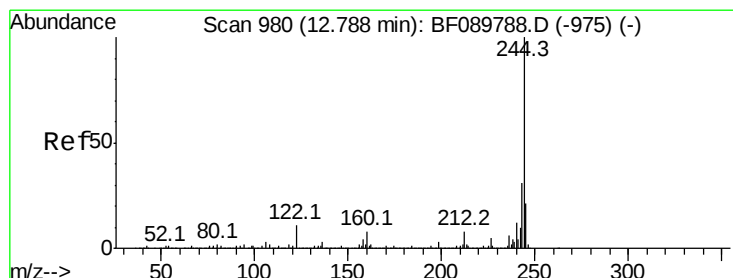
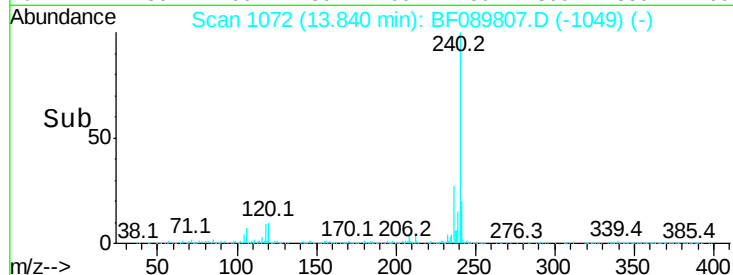
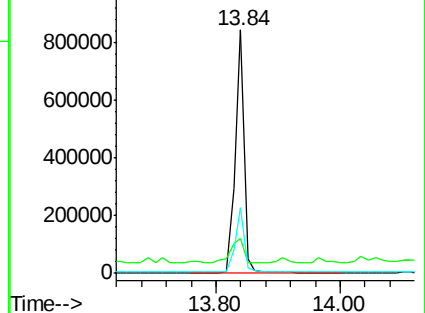
236 27.2 21.3 31.9



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: 66.42 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089807.D

Acq: 19 Aug 2016 20:27

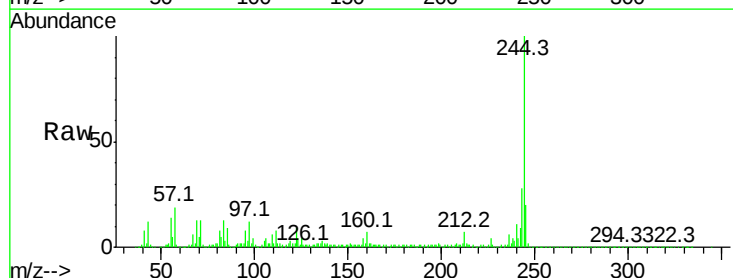
Tgt Ion:244 Resp: 2441006

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

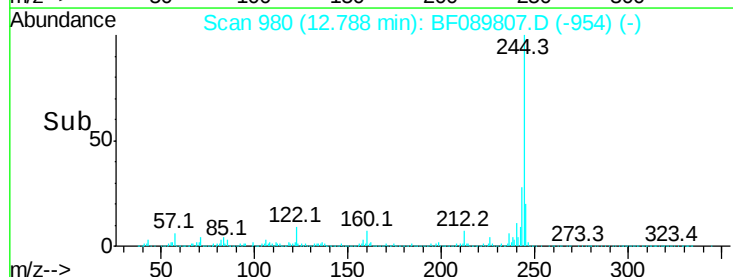
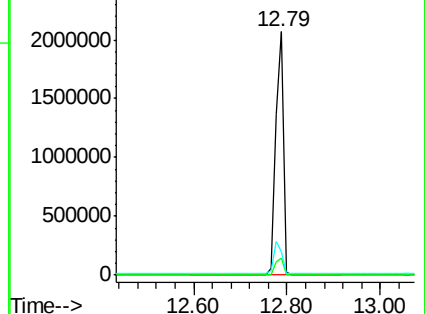
122 9.4 12.0 18.0#

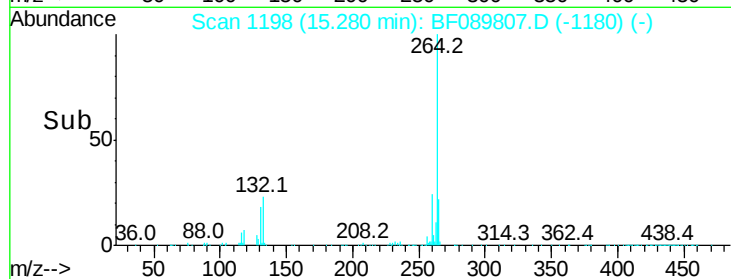
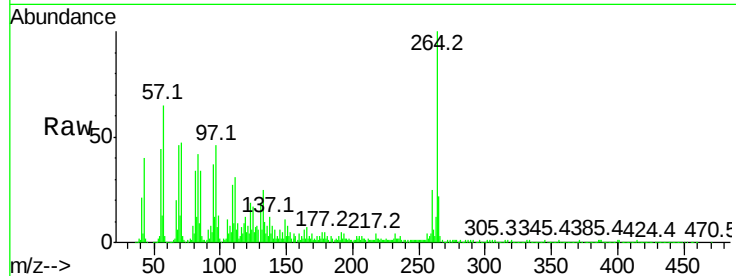
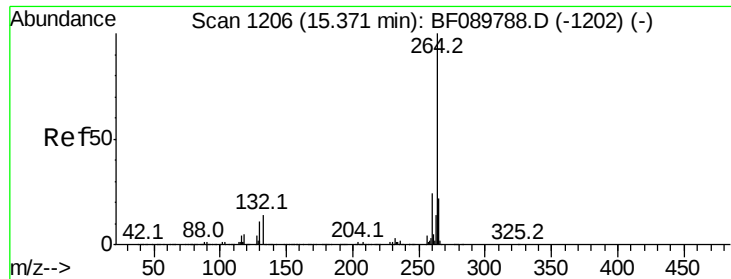


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1198

Delta R.T. -0.09 min

Lab File: BF089807.D

Acq: 19 Aug 2016 20:27

Instrument :

BNA_F

ClientSampleId :

I-3

Tot Ion:264 Resp: 909233

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 22.4 17.4 26.2

