

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089877.D
 Acq On : 24 Aug 2016 16:28
 Operator : UM/SJ
 Sample : PB93061BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BL

Quant Time: Aug 25 13:49:10 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	6.66	152	400323	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1732153	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	755445	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1345626	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	1094703	20.00	ng	-0.02
86) Perylene-d12	15.35	264	842037	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2728182	116.87	ng	-0.01
7) Phenol-d6	6.31	99	3648599	127.32	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2109663	75.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	768703	107.07	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3728443	86.74	ng	-0.01
78) Terphenyl-d14	12.78	244	3013459	62.28	ng	-0.01

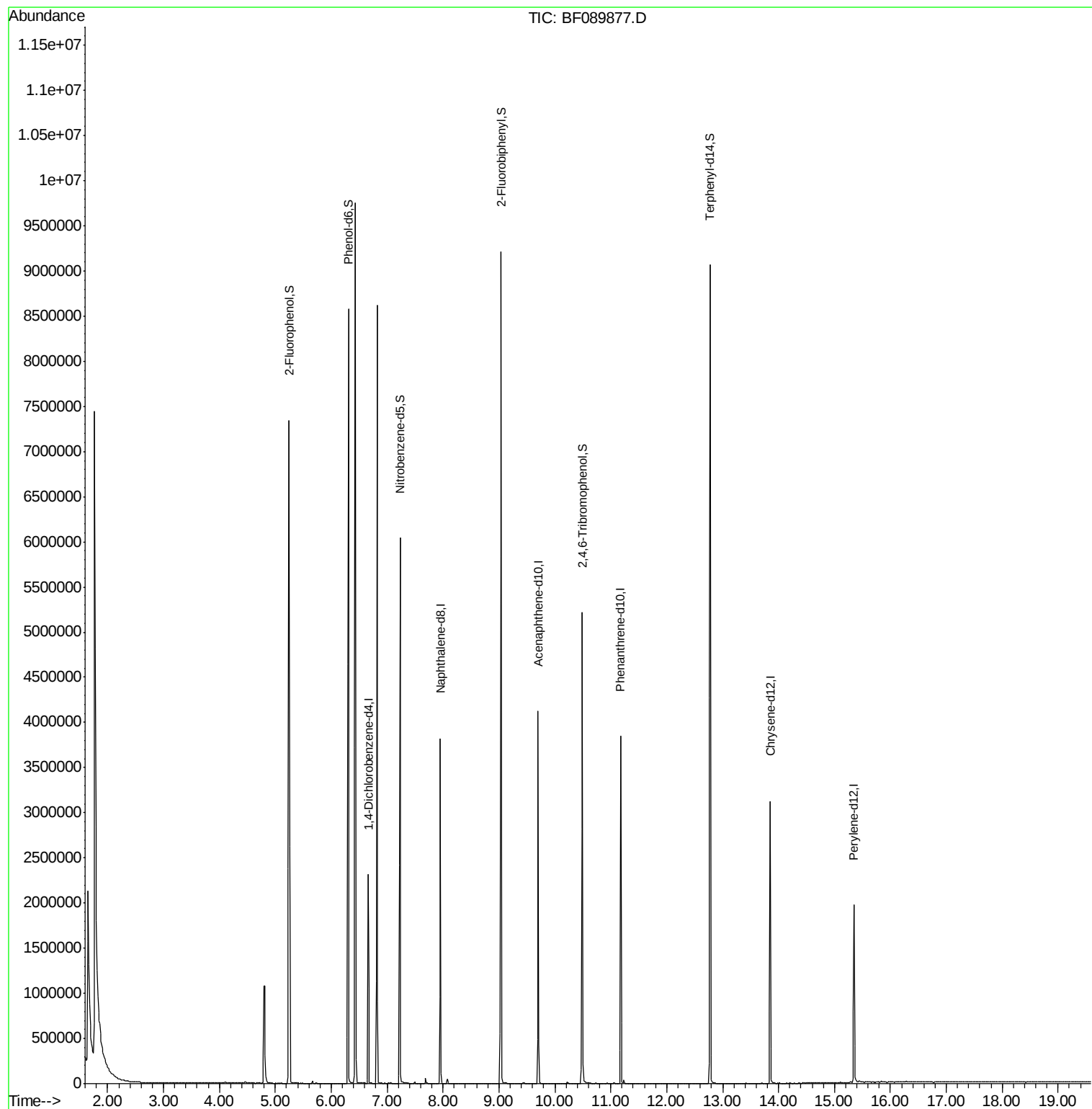
Target Compounds Qvalue

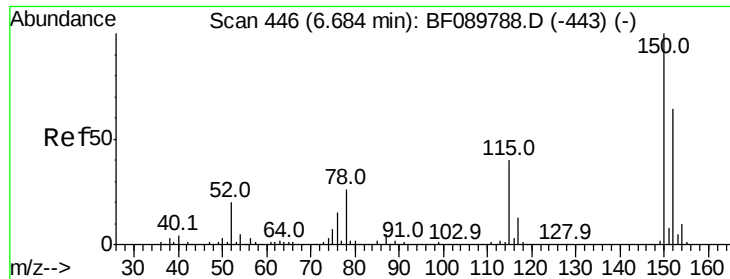
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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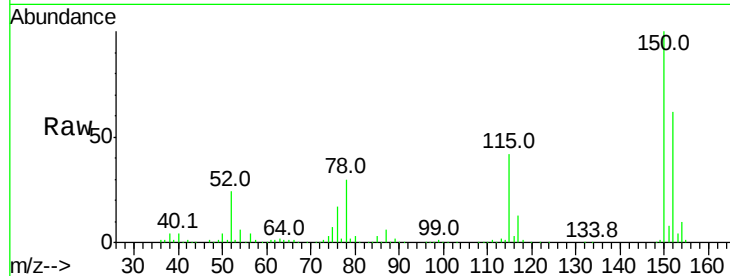


#1

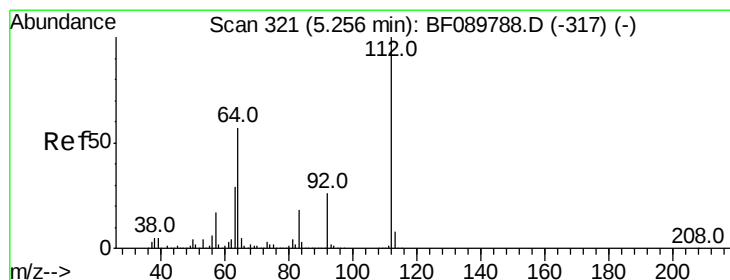
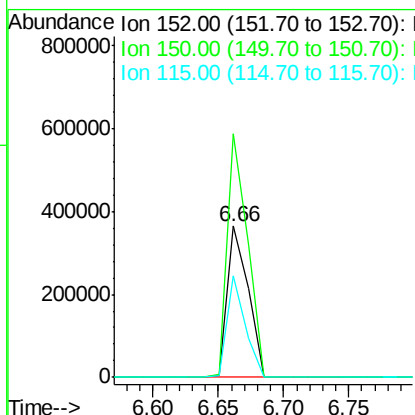
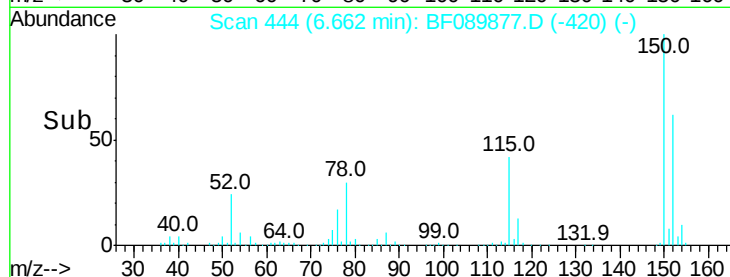
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089877.D
Acq: 24 Aug 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB93061BL

Tot Ion:152 Resp: 400323
Ion Ratio Lower Upper
152 100
150 160.8 125.3 187.9
115 67.1 40.9 61.3#



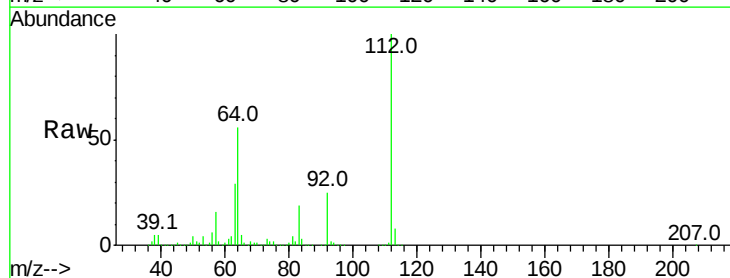
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



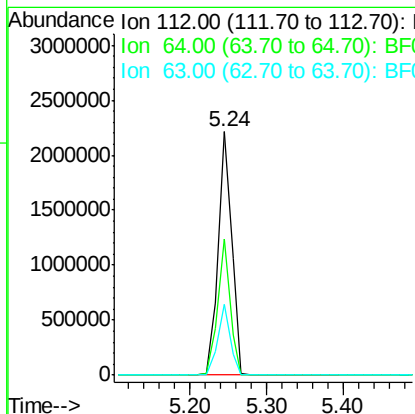
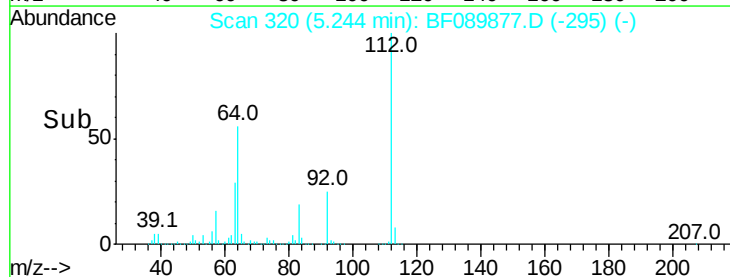
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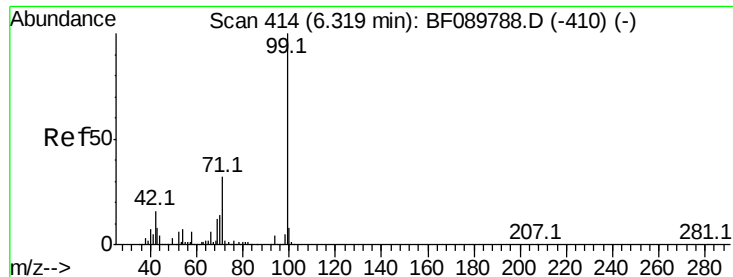
2-Fluorophenol
Concen: 116.87 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089877.D
Acq: 24 Aug 2016 16:28

Tgt Ion:112 Resp: 2728182
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 28.9 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: 127.32 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

Instrument :

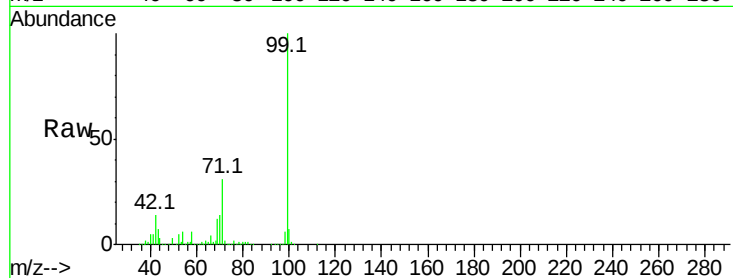
BNA_F

ClientSampleId :

PB93061BL

Tot Ion: 99 Resp: 3648599

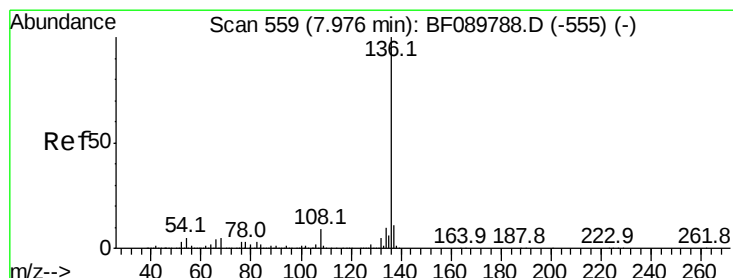
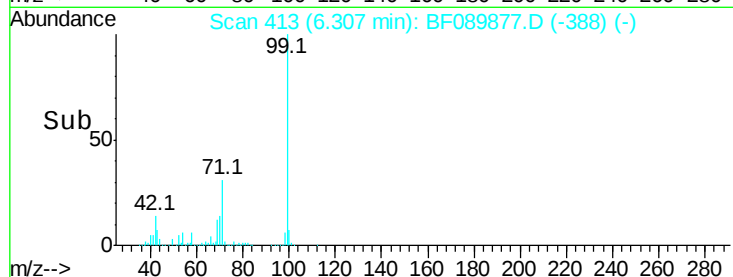
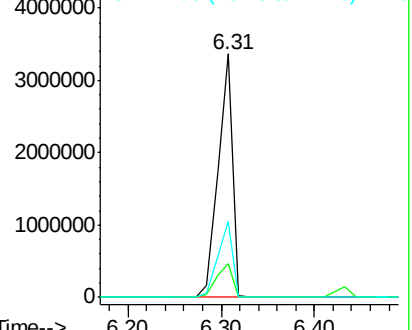
Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.2	18.4
71	31.3	23.8	35.8



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: 7.95 min Scan# 557

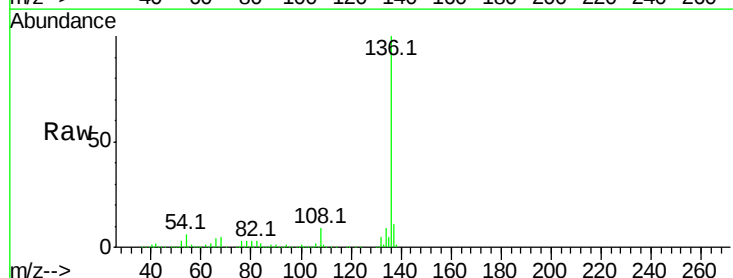
Delta R.T. -0.02 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

Tgt Ion: 136 Resp: 1732153

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.7	7.2	10.8#
68	5.2	5.8	8.8#

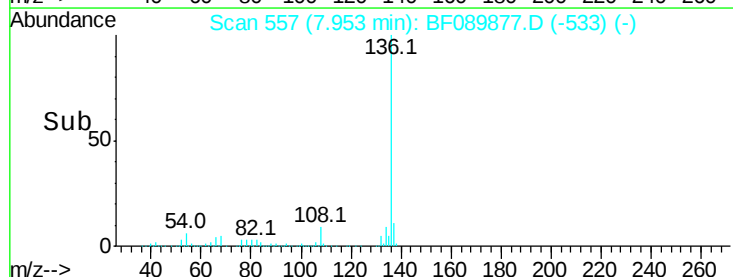
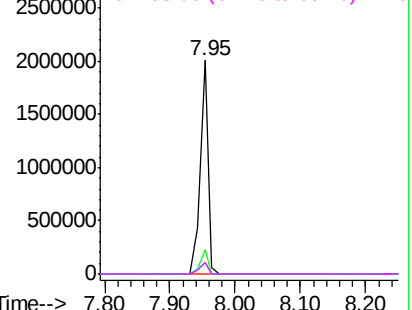


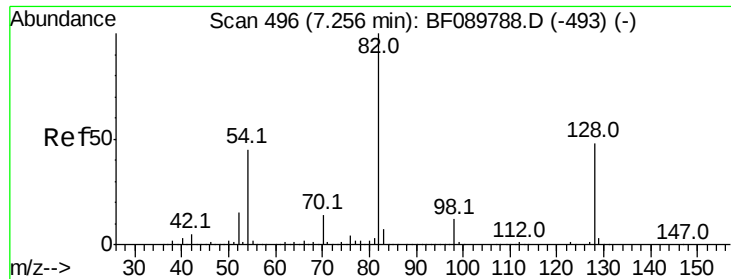
Abundance Ion 136.00 (135.70 to 136.70): E

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



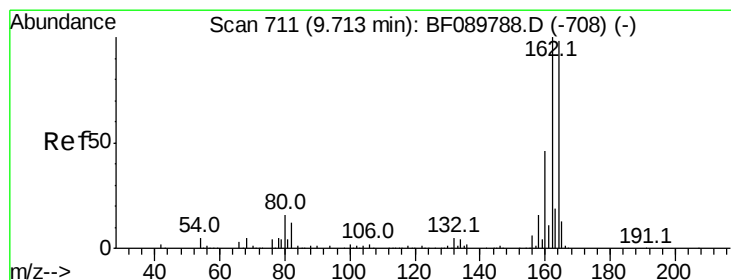
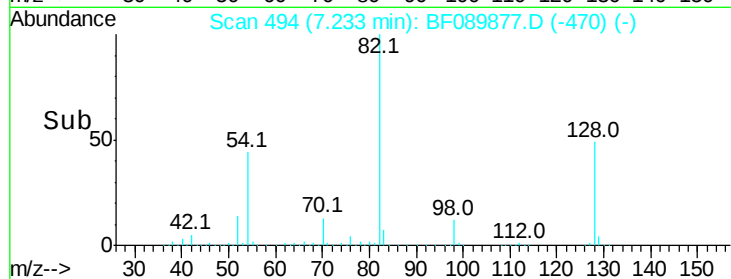
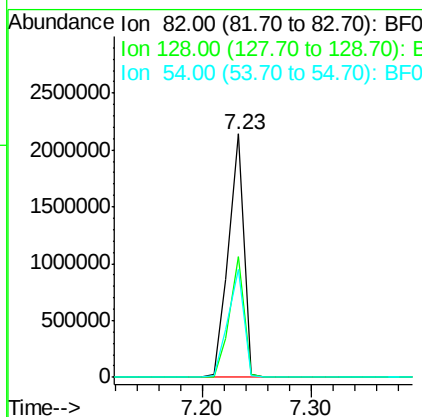
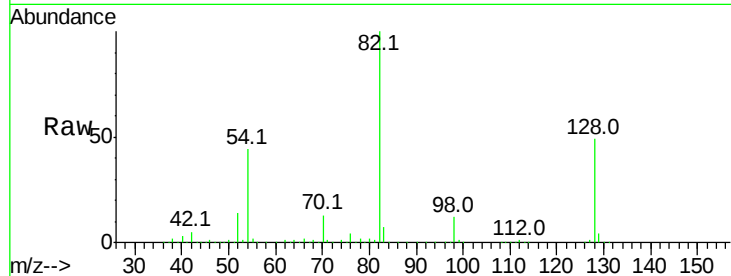


#23
 Nitrobenzene-d5
 Concen: 75.66 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Instrument :
 BNA_F
 ClientSampled :
 PB93061BL

Tot Ion: 82 Resp: 2109663

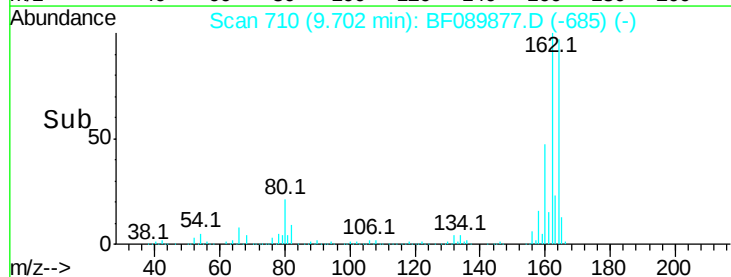
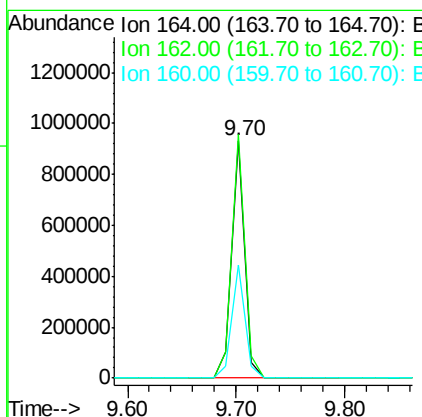
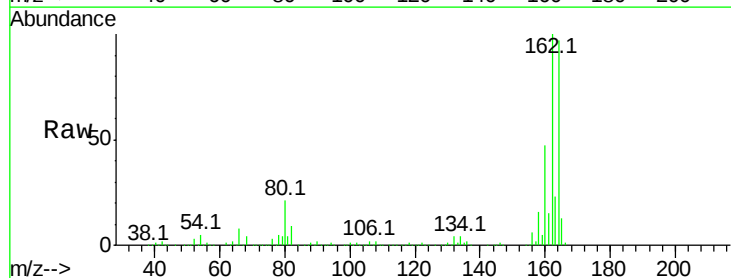
Ion	Ratio	Lower	Upper
82	100		
128	49.3	34.4	51.6
54	44.1	40.3	60.5

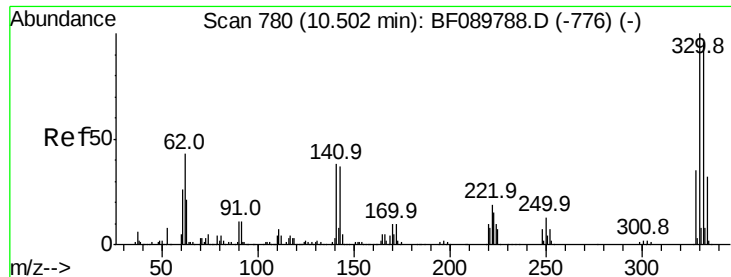


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Tgt Ion:164 Resp: 755445

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.2
160	47.9	37.8	56.6

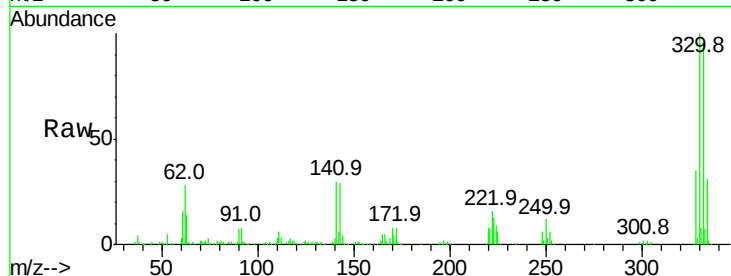




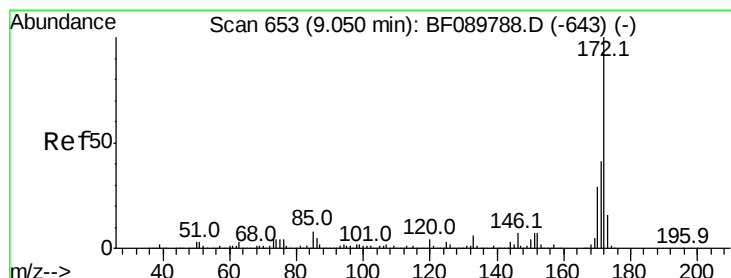
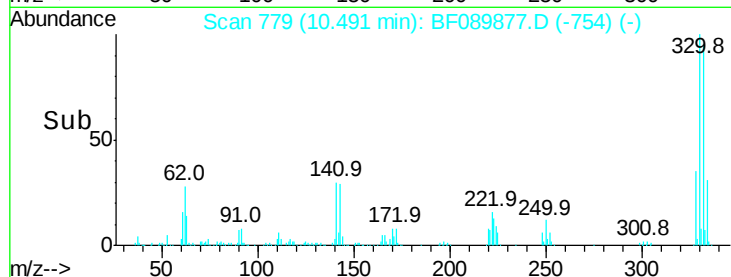
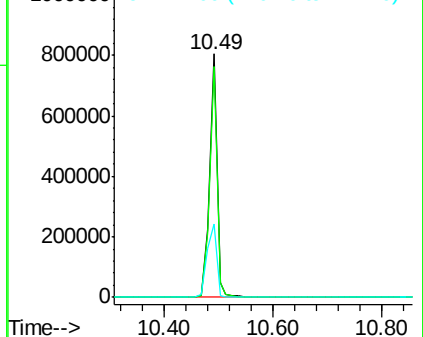
#41
 2,4,6-Tribromophenol
 Concen: 107.07 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BL

Tot Ion:330 Resp: 768703
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.7 115.1
 141 38.1 30.2 45.2

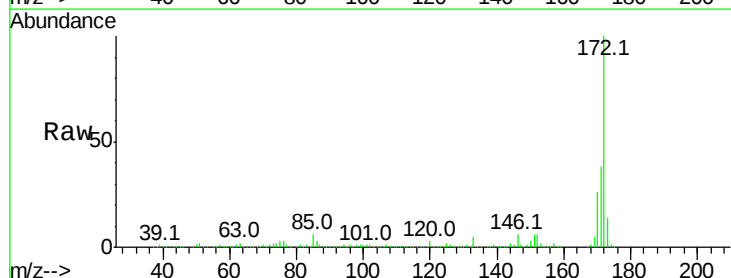


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

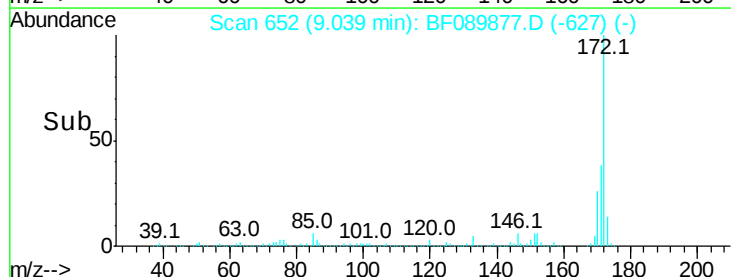
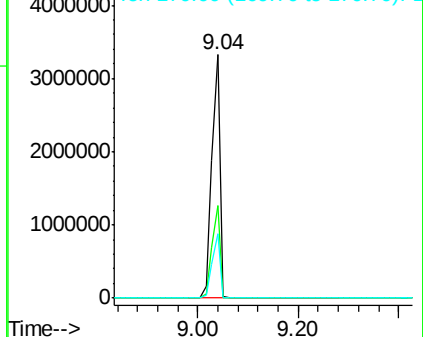


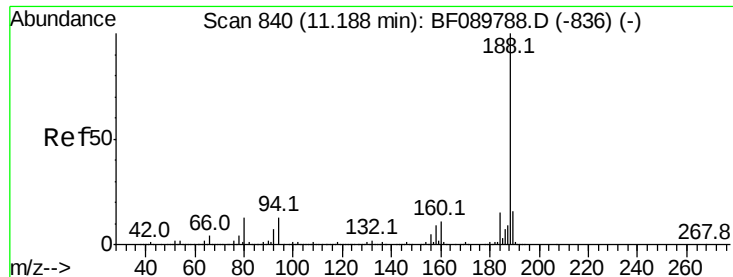
#44
 2-Fluorobiphenyl
 Concen: 86.74 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Tgt Ion:172 Resp: 3728443
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.5 45.7
 170 26.4 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

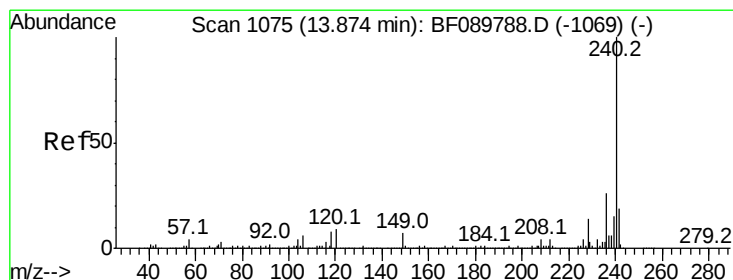
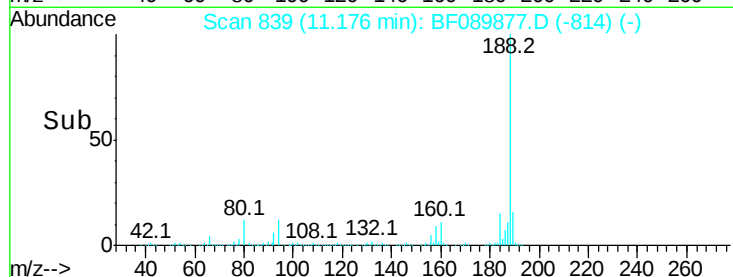
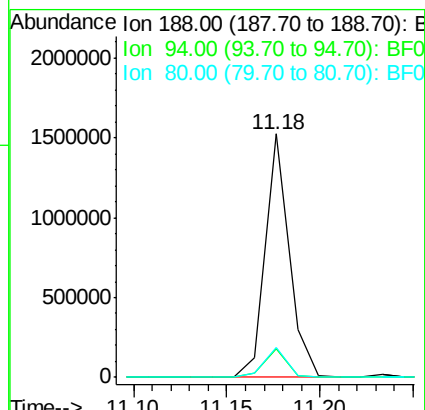
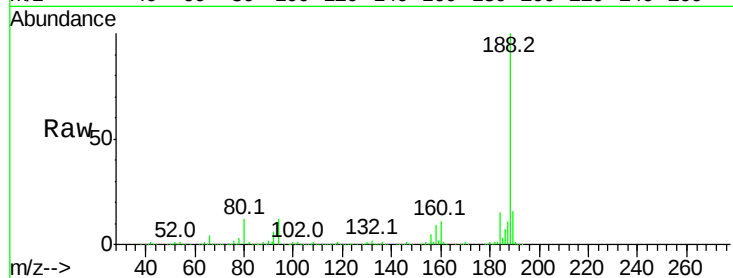




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089877.D
Acq: 24 Aug 2016 16:28

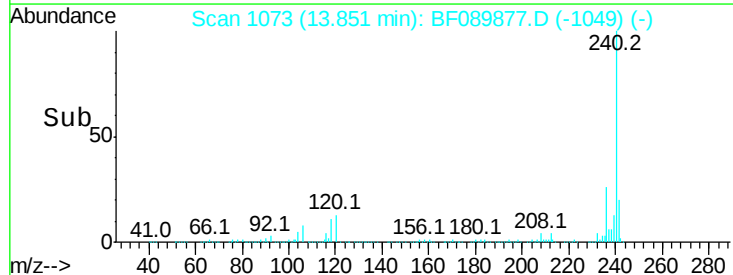
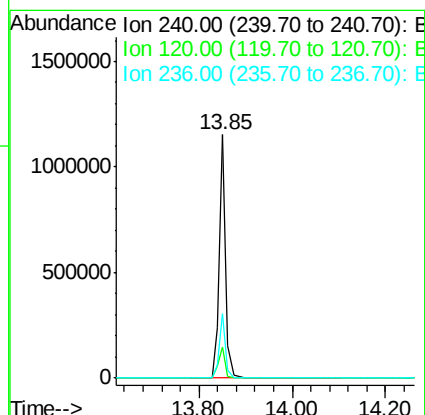
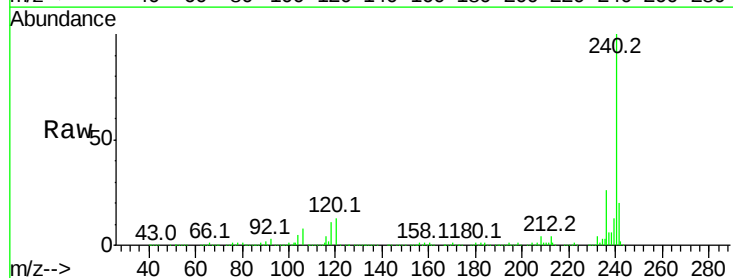
Instrument :
BNA_F
ClientSampleId :
PB93061BL

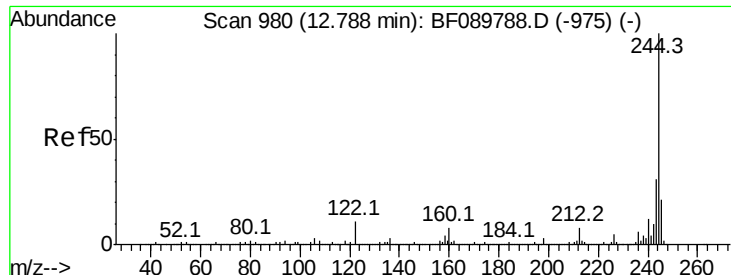
Tot Ion:188 Resp: 1345626
Ion Ratio Lower Upper
188 100
94 11.6 10.2 15.2
80 12.2 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF089877.D
Acq: 24 Aug 2016 16:28

Tgt Ion:240 Resp: 1094703
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 26.5 21.3 31.9





#78

Terphenyl-d14

Concen: 62.28 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB93061BL

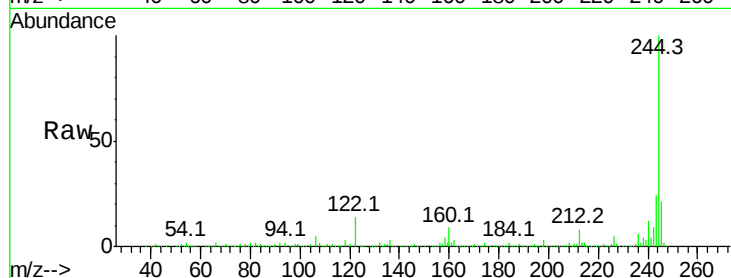
Tot Ion:244 Resp: 3013459

Ion Ratio Lower Upper

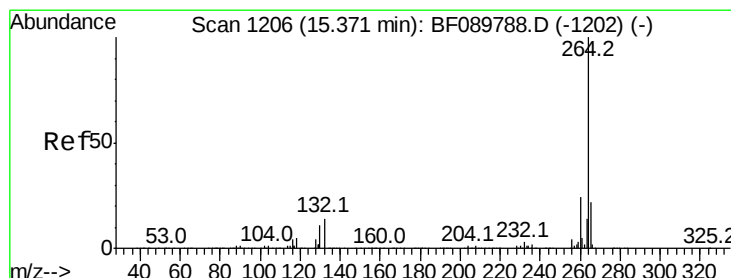
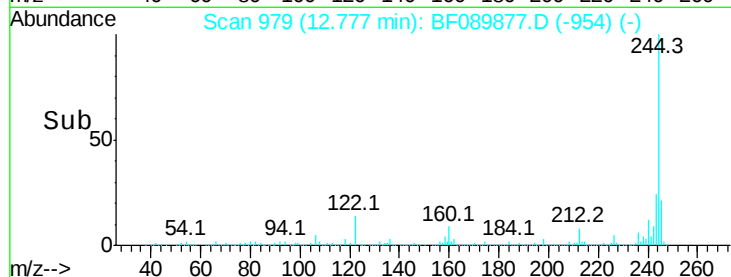
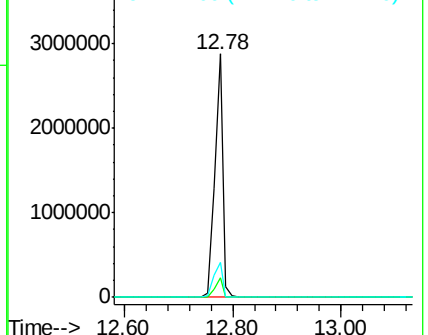
244 100

212 8.3 6.3 9.5

122 14.1 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: 15.35 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

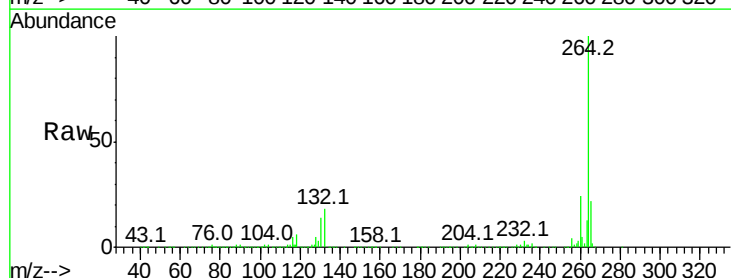
Tgt Ion:264 Resp: 842037

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.2

265 21.9 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

