

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
 Data File : BF086082.D
 Acq On : 5 Apr 2016 19:08
 Operator : UM/SJ
 Sample : H2148-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 45-PARK-PLACE-DISCHARGE

Quant Time: Apr 06 01:03:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	109925	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	419334	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	198551	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	360904	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	254891	20.00	ng	-0.02
86) Perylene-d12	15.31	264	192734	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	339853	52.85	ng	-0.02
7) Phenol-d6	6.40	99	253900	31.08	ng	-0.02
23) Nitrobenzene-d5	7.32	82	613831	86.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	203957	109.44	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1029721	86.23	ng	-0.02
78) Terphenyl-d14	12.85	244	754024	69.54	ng	-0.02

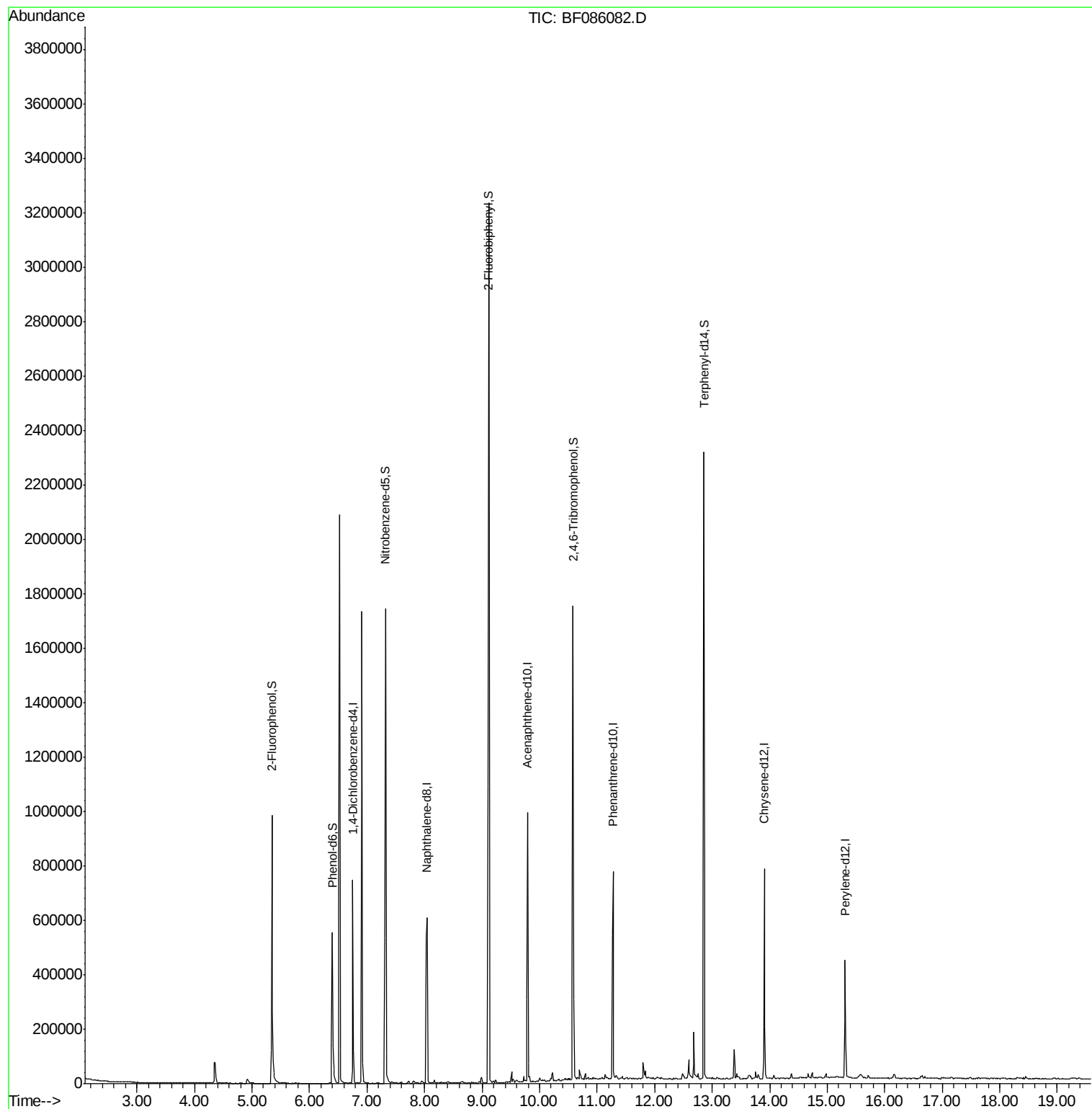
Target Compounds Qvalue

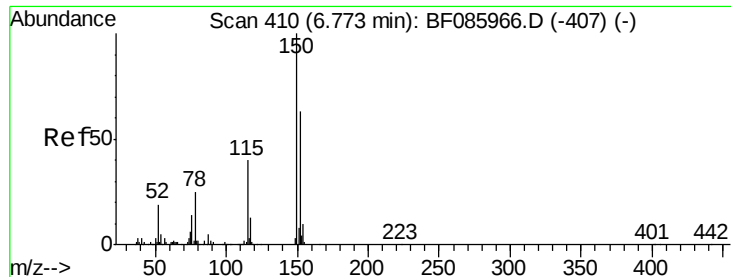
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF086082.D

Acq: 5 Apr 2016 19:08

Instrument :

BNA_F

ClientSampleId :

45-PARK-PLACE-DISCHARGE

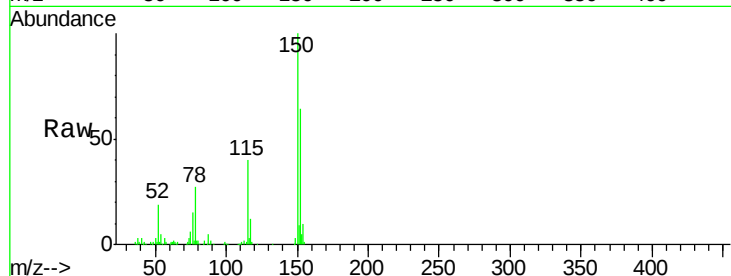
Tot Ion:152 Resp: 109925

Ion Ratio Lower Upper

152 100

150 156.5 124.2 186.2

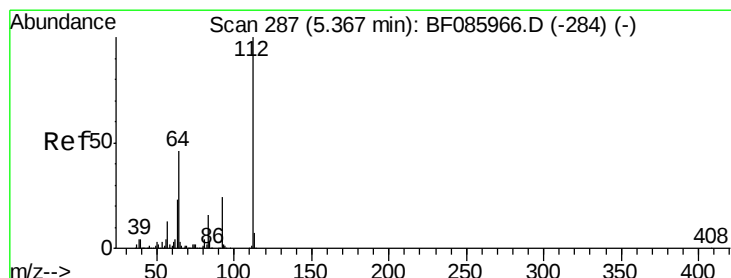
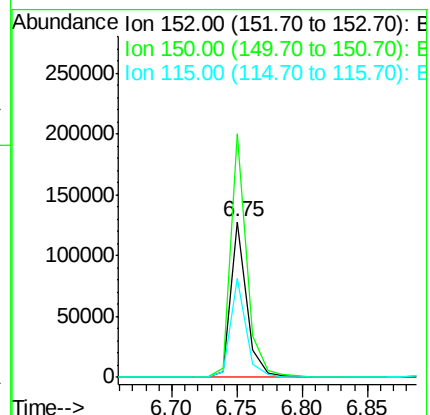
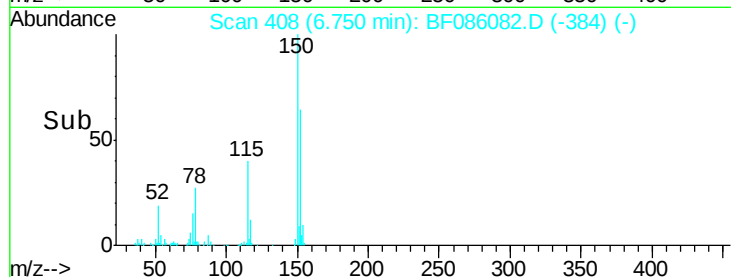
115 63.3 47.0 70.6



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: 52.85 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086082.D

Acq: 5 Apr 2016 19:08

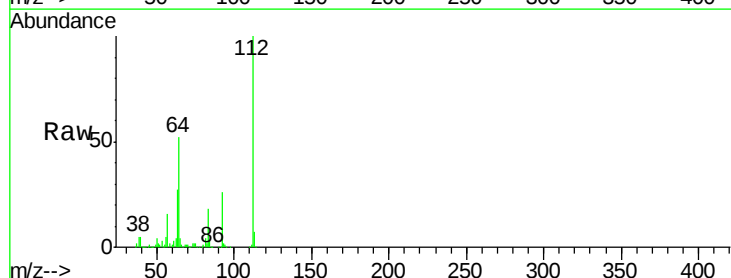
Tgt Ion:112 Resp: 339853

Ion Ratio Lower Upper

112 100

64 52.5 39.9 59.9

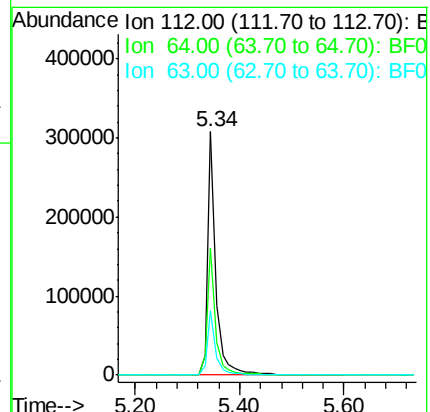
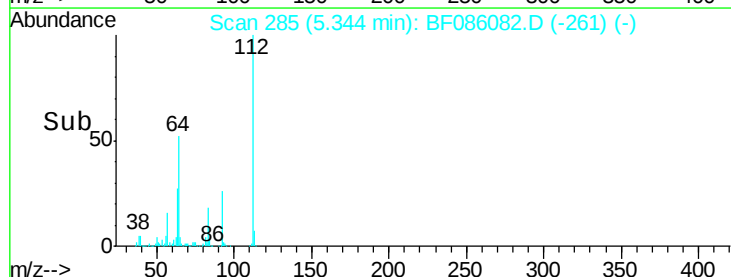
63 26.6 20.2 30.2

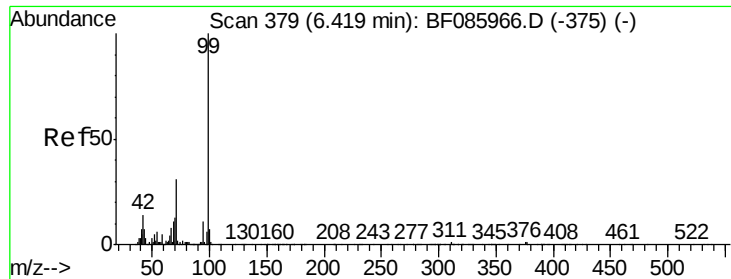


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.08 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086082.D

Acq: 5 Apr 2016 19:08

Instrument :

BNA_F

ClientSampleId :

45-PARK-PLACE-DISCHARGE

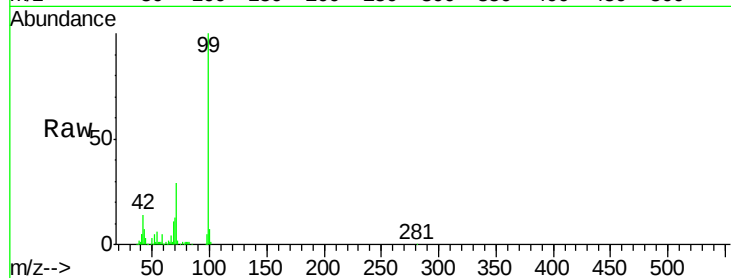
Tot Ion: 99 Resp: 253900

Ion Ratio Lower Upper

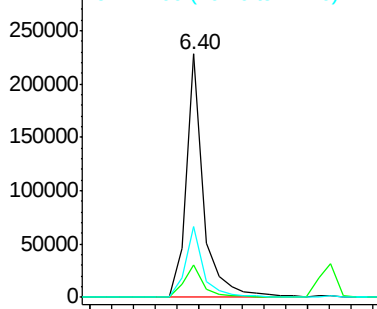
99 100

42 13.6 11.1 16.7

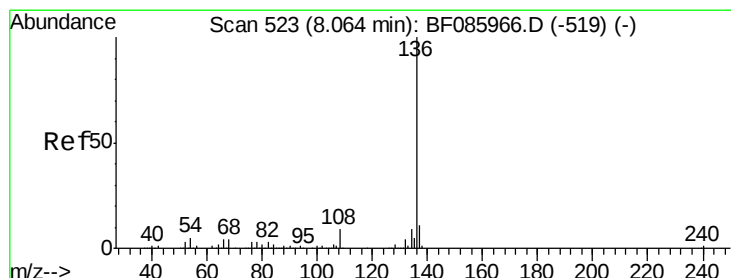
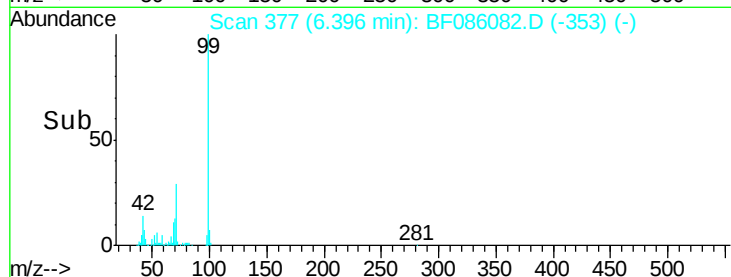
71 29.1 24.9 37.3



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



Time--> 6.30 6.40 6.50



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086082.D

Acq: 5 Apr 2016 19:08

Tgt Ion: 136 Resp: 419334

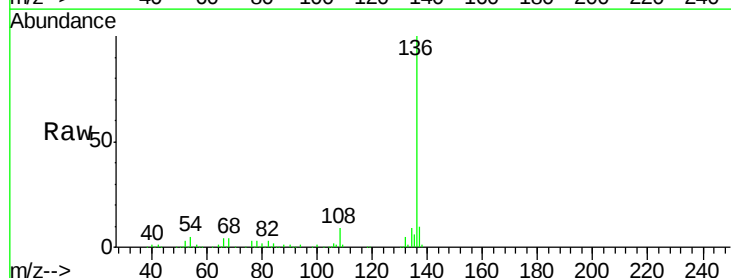
Ion Ratio Lower Upper

136 100

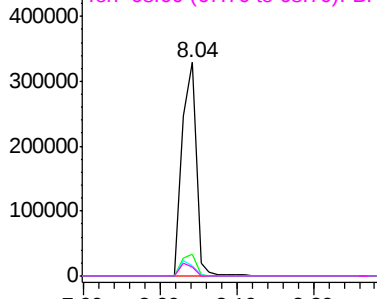
137 10.4 9.1 13.7

54 5.0 7.4 11.0#

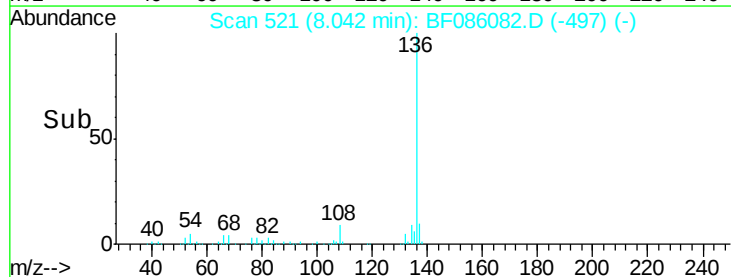
68 4.2 5.8 8.8#

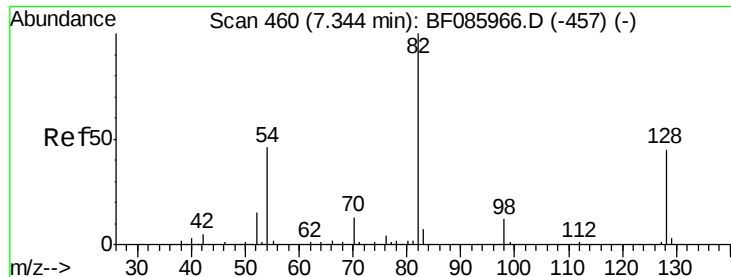


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.90 8.00 8.10 8.20

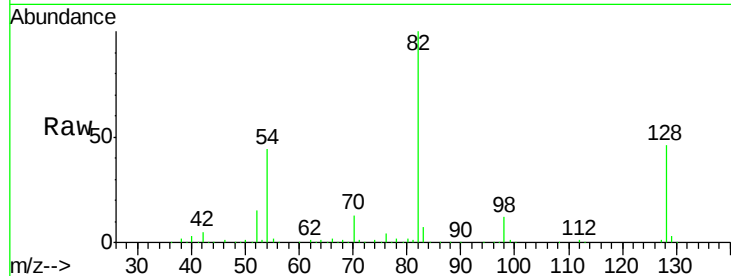




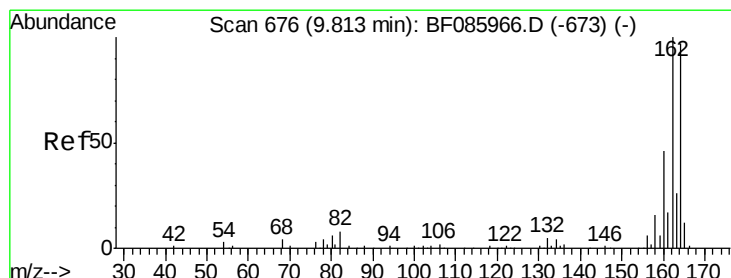
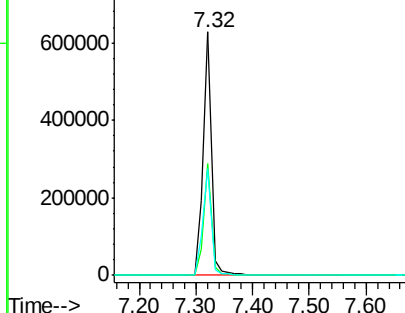
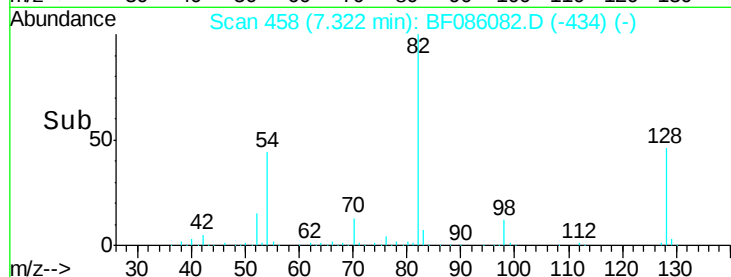
#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF086082.D
 Acq: 5 Apr 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 45-PARK-PLACE-DISCHARGE

Tot Ion	82	Resp	613831
Ion Ratio	100		
Lower	41.8		
Upper	62.8		
54	43.9		50.0

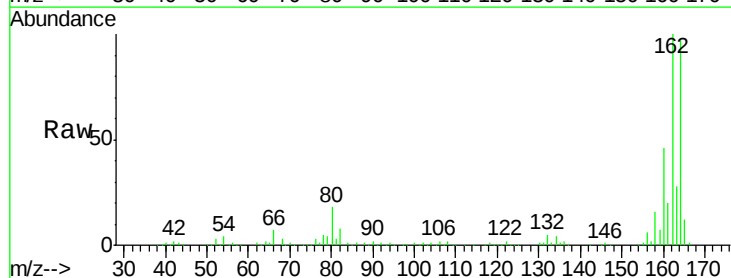


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

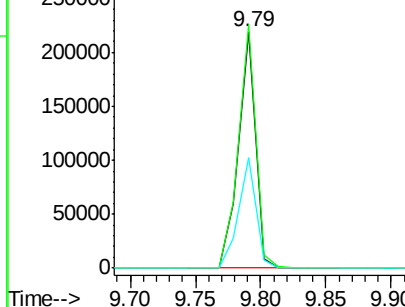
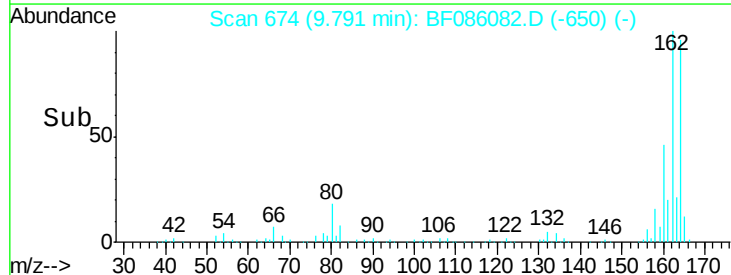


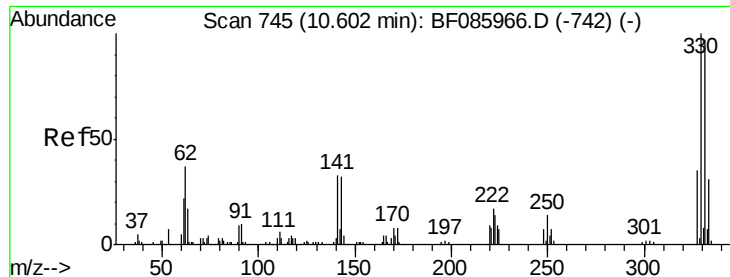
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF086082.D
 Acq: 5 Apr 2016 19:08

Tgt Ion	164	Resp	198551
Ion Ratio	100		
Lower	82.1		
Upper	123.1		
162	103.1		56.2
160	47.0		



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

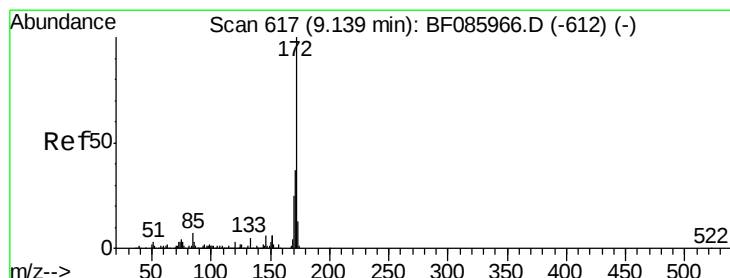
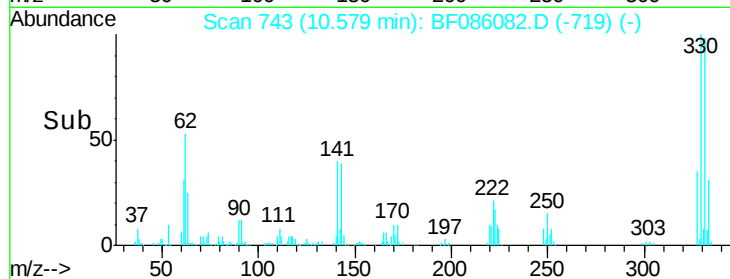
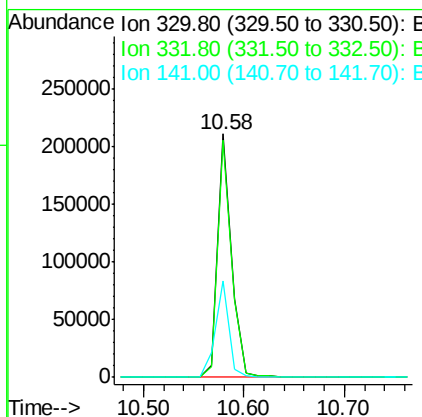
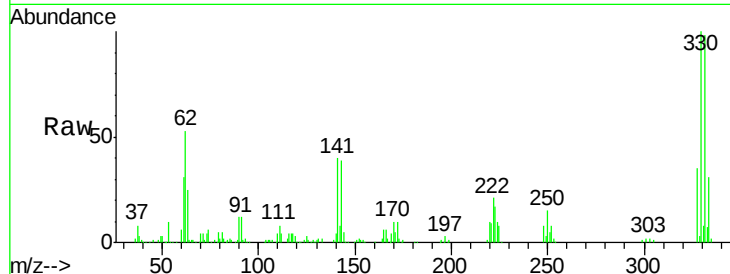




#41
 2,4,6-Tribromophenol
 Concen: 109.44 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086082.D
 Acq: 5 Apr 2016 19:08

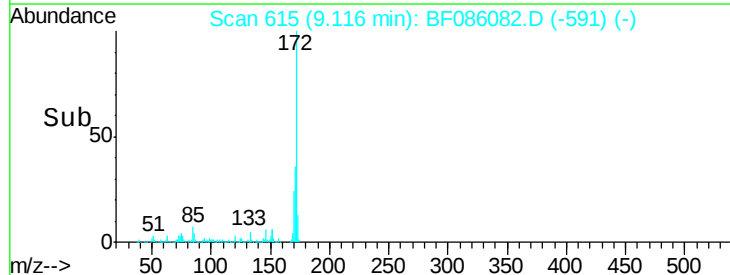
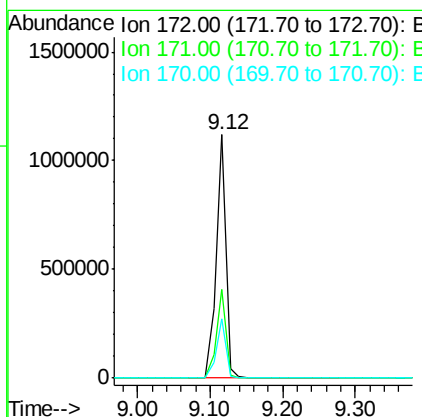
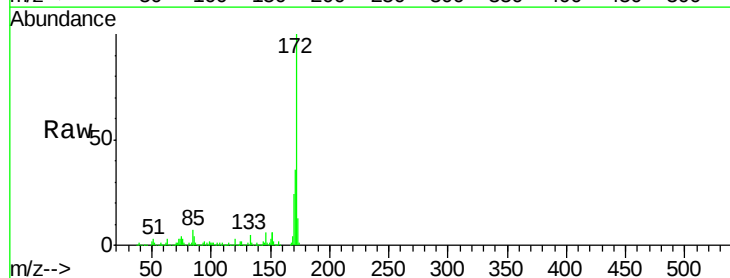
Instrument :
 BNA_F
 ClientSampleId :
 45-PARK-PLACE-DISCHARGE

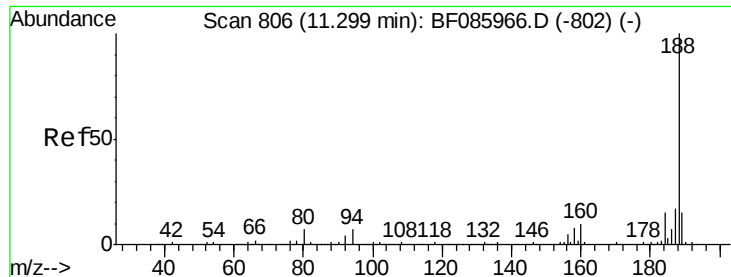
Tot Ion:	330	Resp:	203957
Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	38.9	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 86.23 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF086082.D
 Acq: 5 Apr 2016 19:08

Tgt Ion:	172	Resp:	1029721
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.2	19.8	29.6

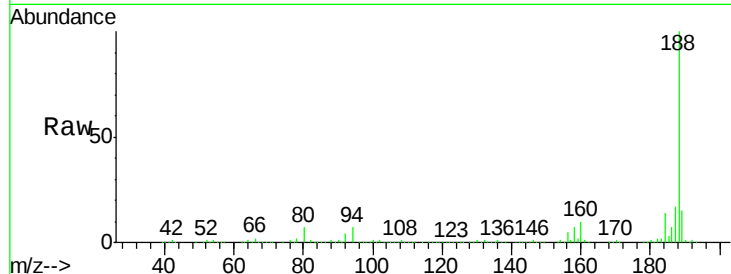




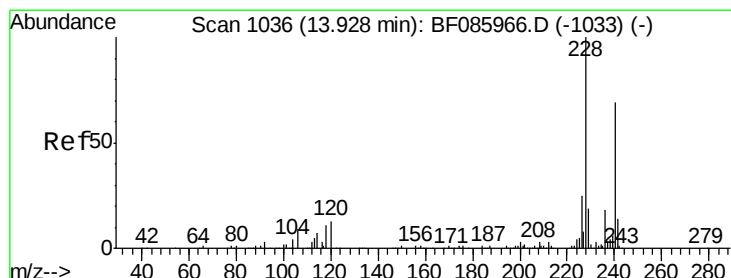
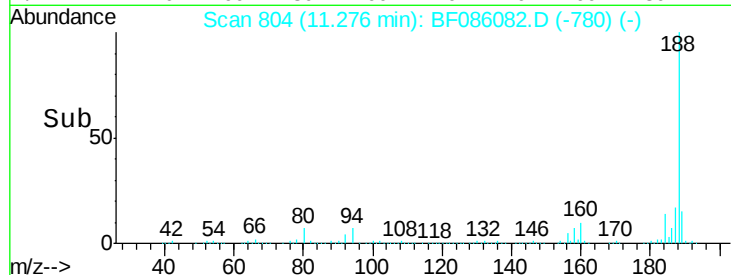
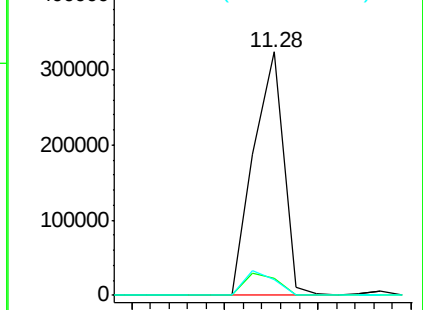
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Tot Ion:188 Resp: 360904
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 6.7 5.5 8.3

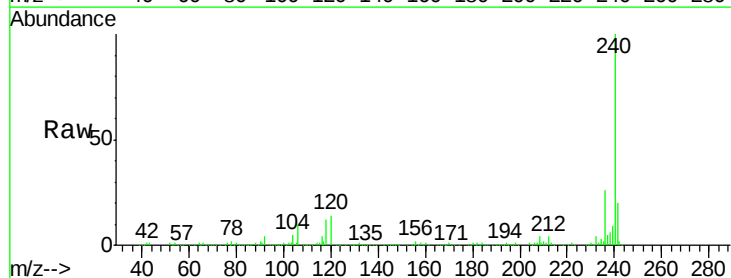


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

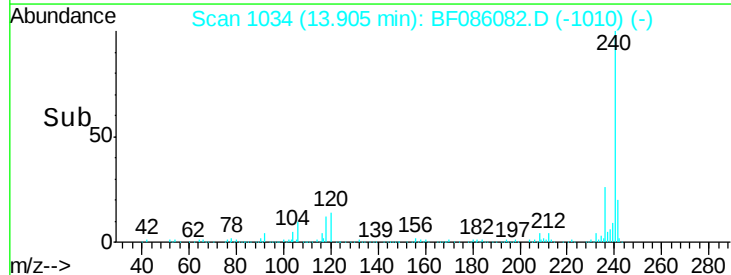
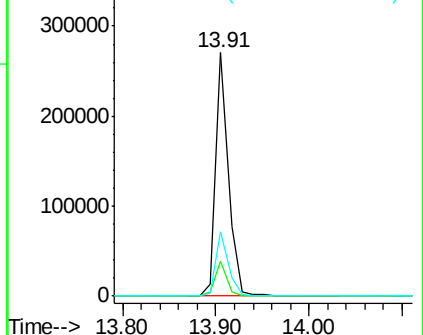


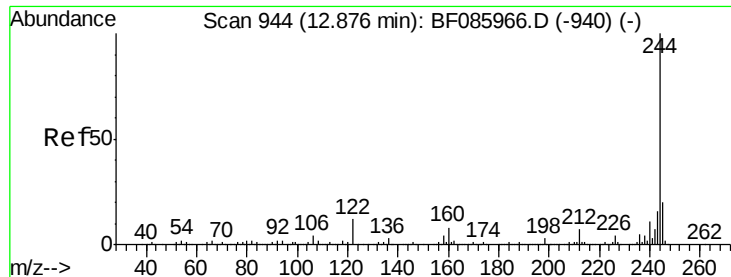
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086082.D
Acq: 5 Apr 2016 19:08

Tgt Ion:240 Resp: 254891
Ion Ratio Lower Upper
240 100
120 14.3 13.8 20.8
236 26.3 20.6 30.8



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: 69.54 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF086082.D

Acq: 5 Apr 2016 19:08

Instrument :

BNA_F

ClientSampleId :

45-PARK-PLACE-DISCHARGE

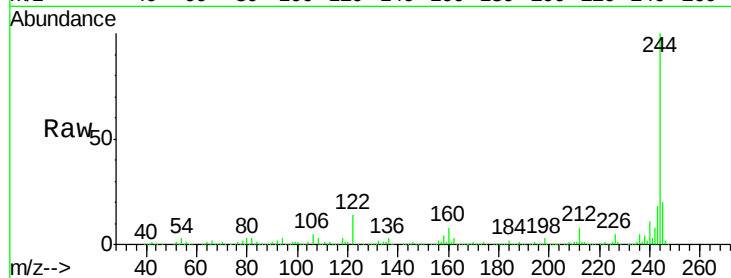
Tot Ion:244 Resp: 754024

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

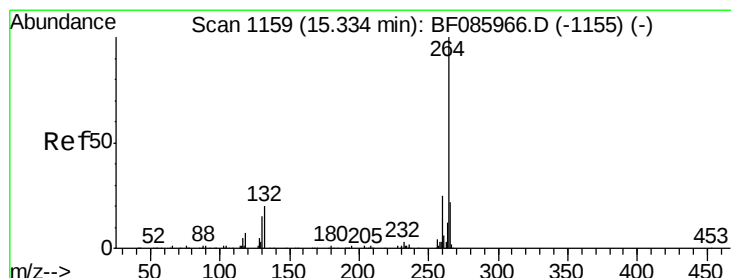
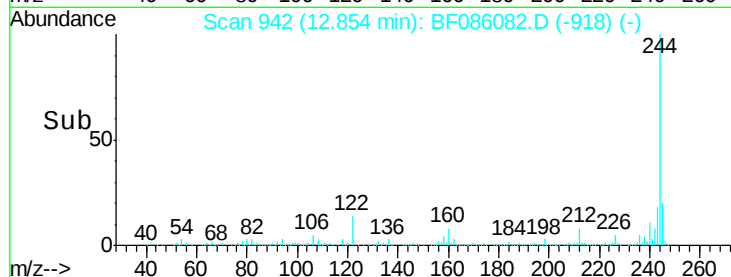
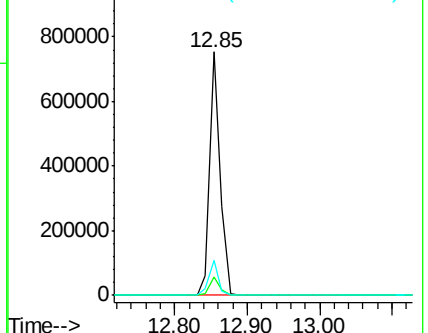
122 14.3 10.2 15.4



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: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF086082.D

Acq: 5 Apr 2016 19:08

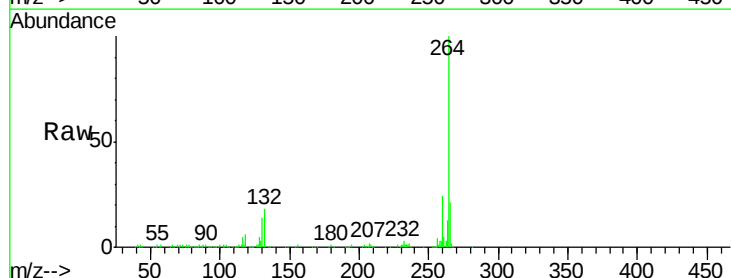
Tgt Ion:264 Resp: 192734

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.3 17.2 25.8



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

