

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096364.D
 Acq On : 1 Jul 2017 4:16
 Operator : SJ/MA
 Sample : I3968-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-009

Quant Time: Jul 01 06:39:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

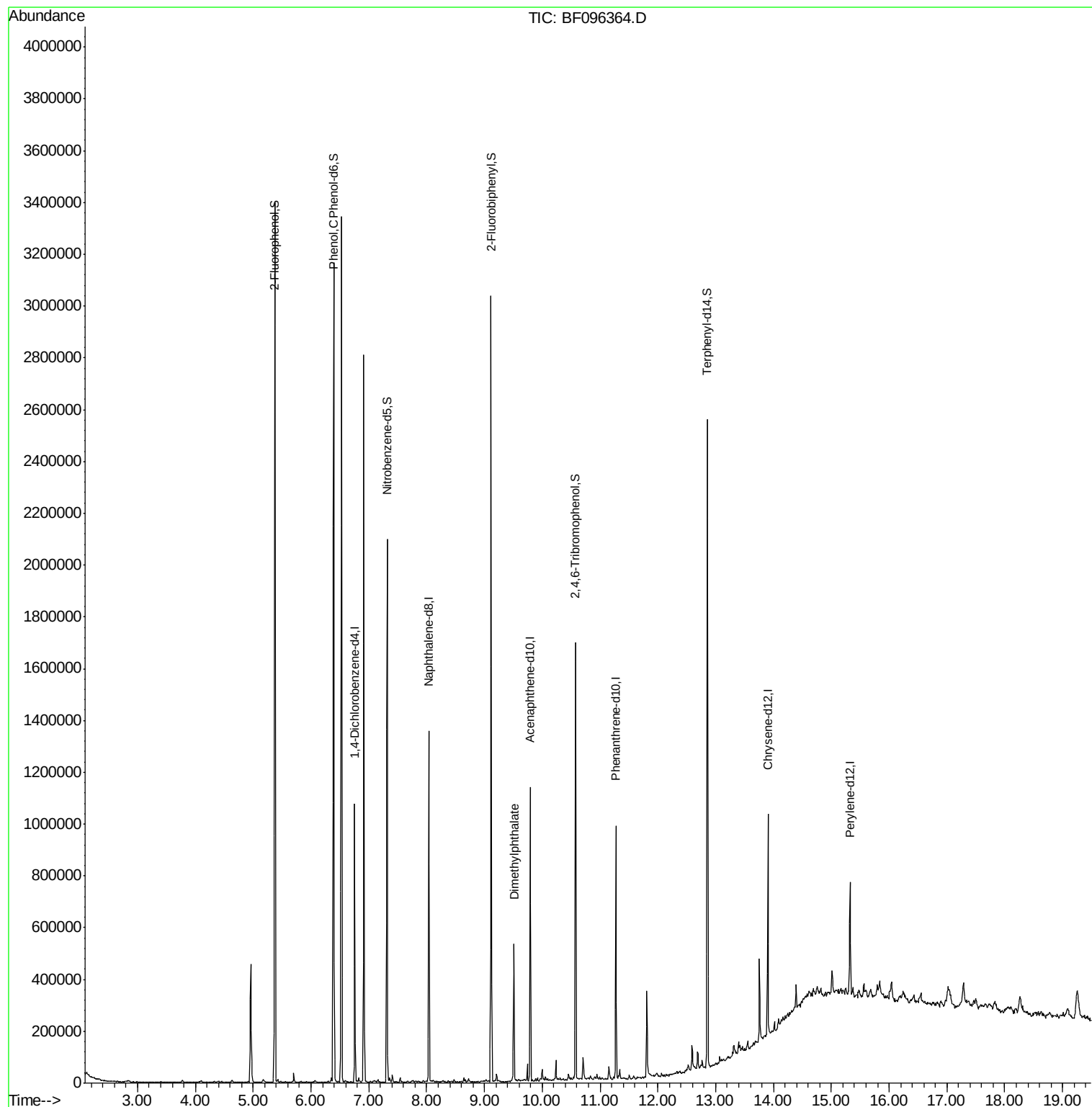
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146872	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	556949	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	200410	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	332484	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	287380	20.00	ng	-0.01
86) Perylene-d12	15.32	264	196827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1010446	99.12	ng	0.00
7) Phenol-d6	6.39	99	1217956	98.66	ng	0.00
23) Nitrobenzene-d5	7.32	82	656611	81.61	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	221811	140.64	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	998127	91.21	ng	-0.03
78) Terphenyl-d14	12.86	244	803368	69.76	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	33293	2.45	ng	92
49) Dimethylphthalate	9.51	163	198678	13.85	ng	98

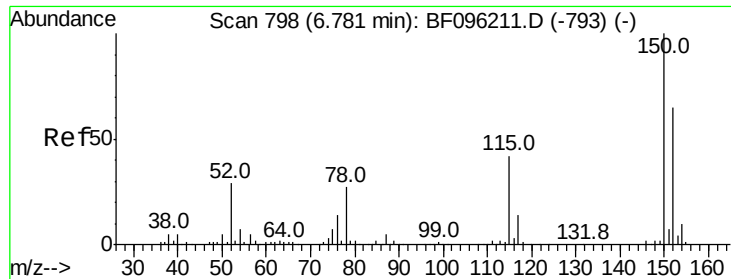
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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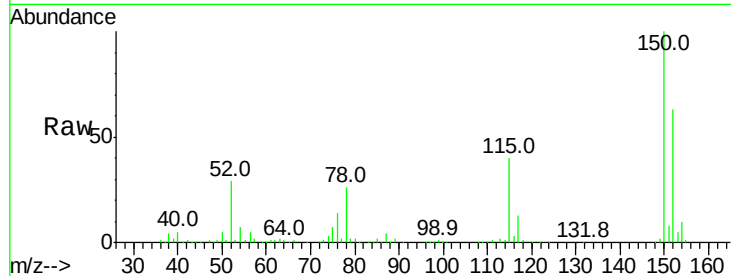


#1

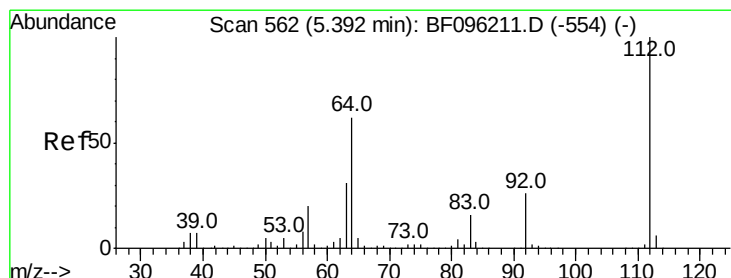
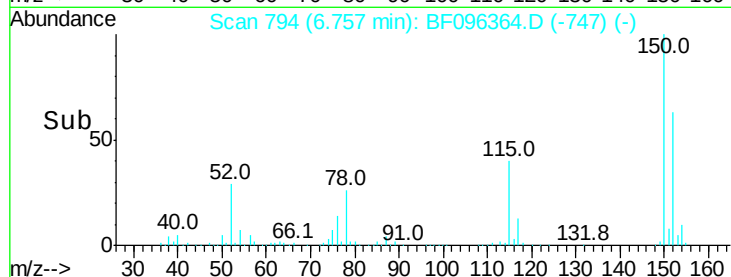
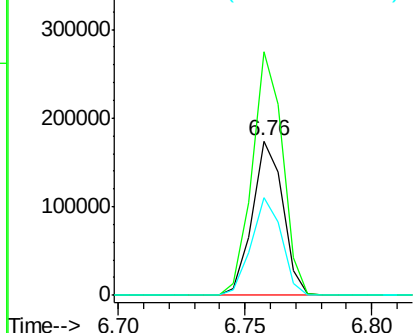
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-009

Tot Ion:152 Resp: 146872
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 63.7 52.2 78.2



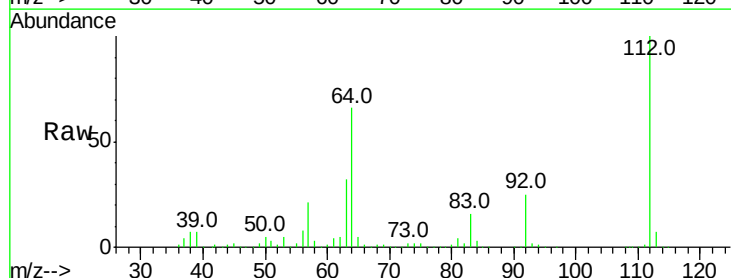
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



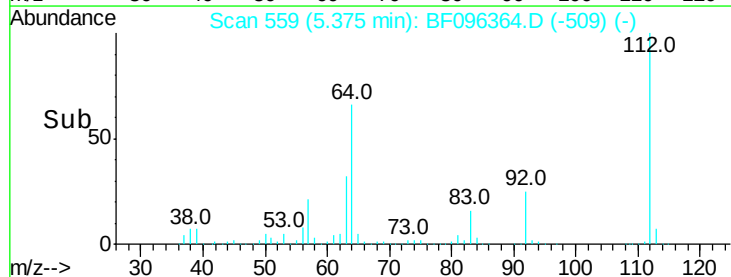
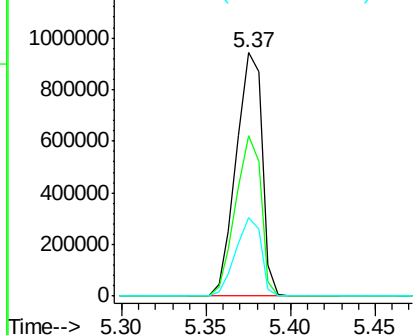
#5

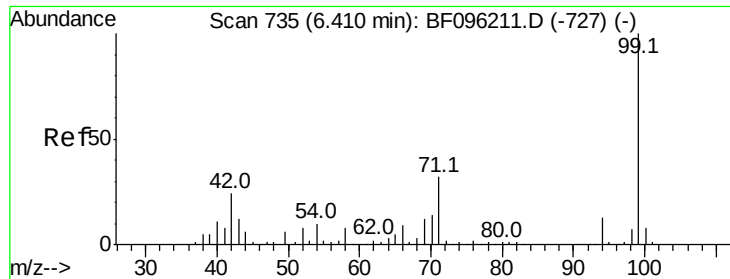
2-Fluorophenol
 Concen: 99.12 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion:112 Resp: 1010446
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.0 69.0
 63 32.4 23.4 35.0



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: 98.66 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096364.D

Acq: 1 Jul 2017 4:16

Instrument :

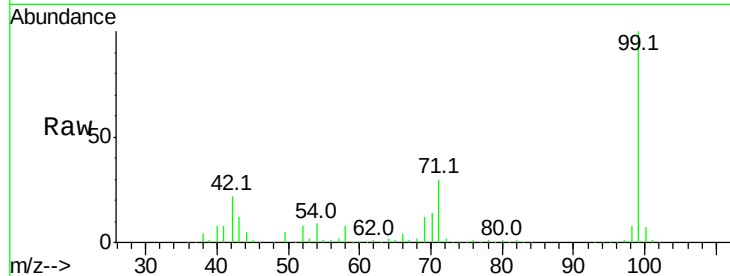
BNA_F

ClientSampleId :

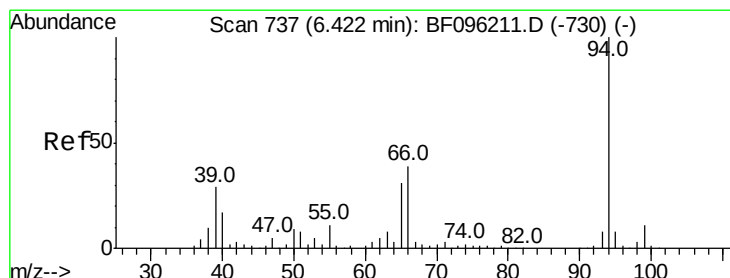
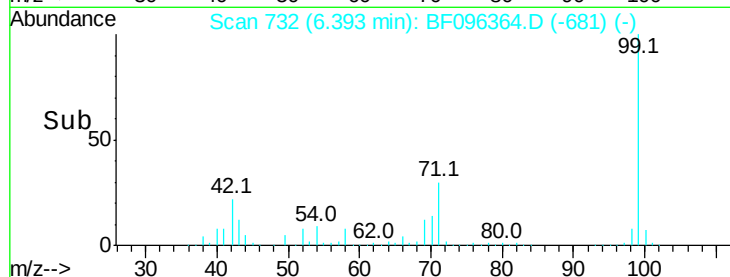
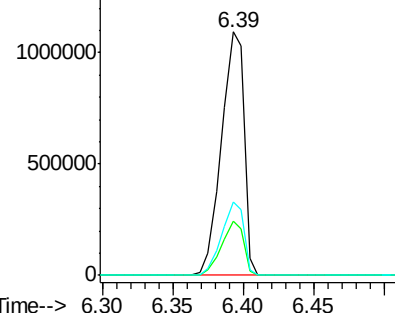
FK-PS-01-009

Tot Ion: 99 Resp: 1217956

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	30.1	24.5	36.7



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



#10

Phenol

Concen: 2.45 ng

RT: 6.40 min Scan# 734

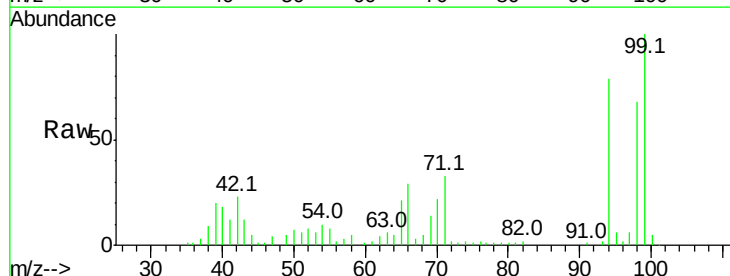
Delta R.T. -0.00 min

Lab File: BF096364.D

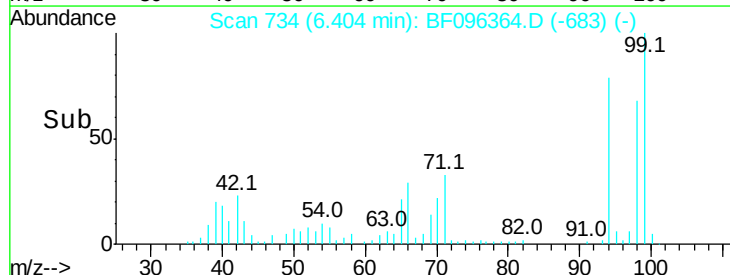
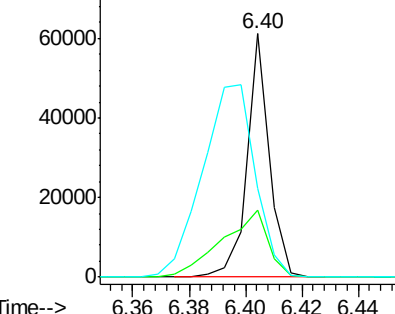
Acq: 1 Jul 2017 4:16

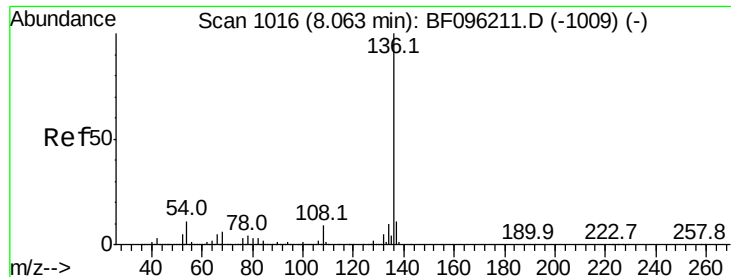
Tgt Ion: 94 Resp: 33293

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.9	49.9
66	36.3	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

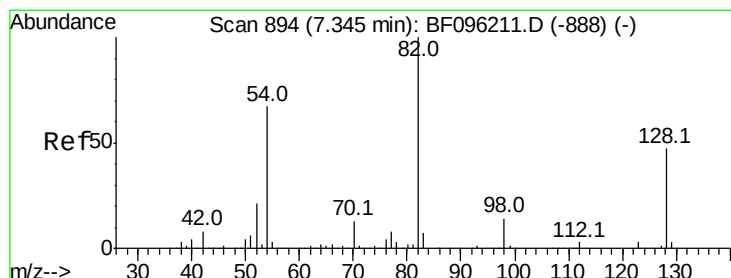
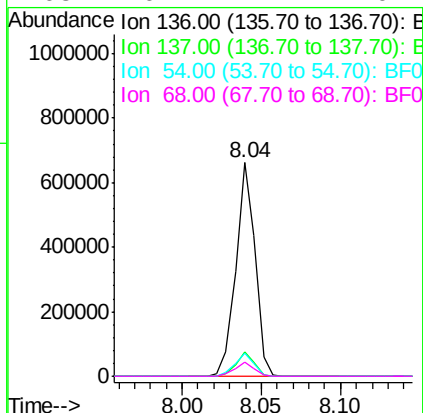
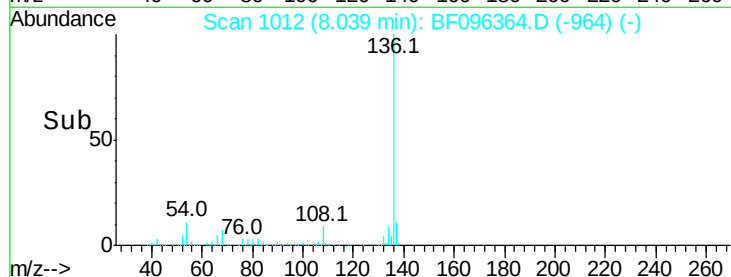
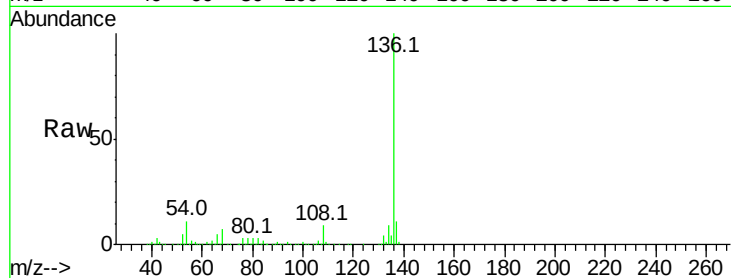




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096364.D
Acq: 1 Jul 2017 4:16

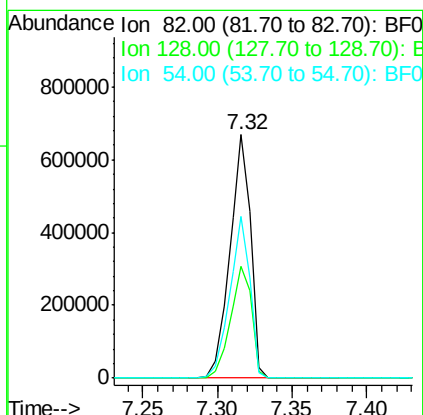
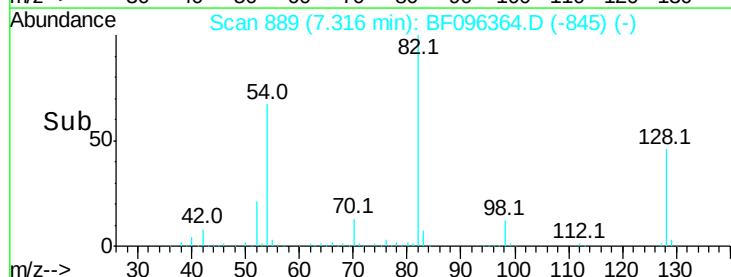
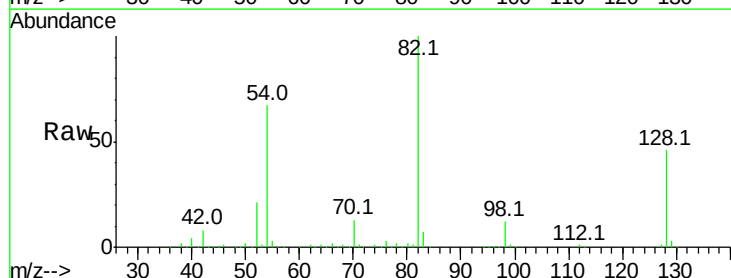
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-009

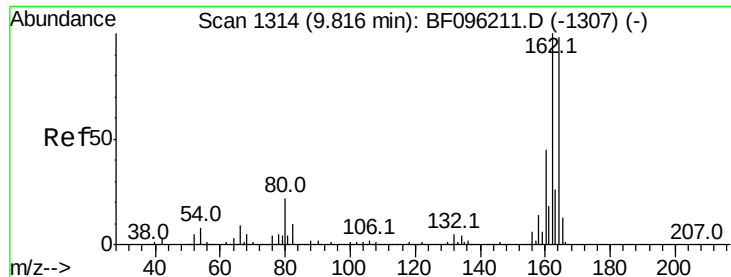
Tot Ion:136	Resp:	556949
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	10.9	4.9 7.3#
68	6.7	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 81.61 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096364.D
Acq: 1 Jul 2017 4:16

Tgt Ion: 82	Resp:	656611
Ion Ratio	Lower	Upper
82	100	
128	46.1	34.0 51.0
54	66.6	42.2 63.2#

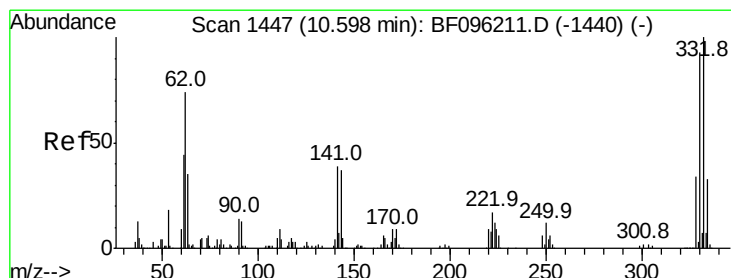
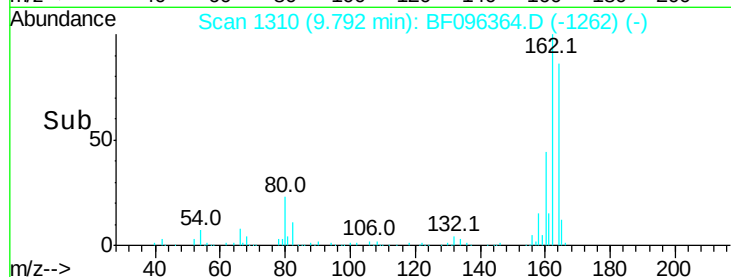
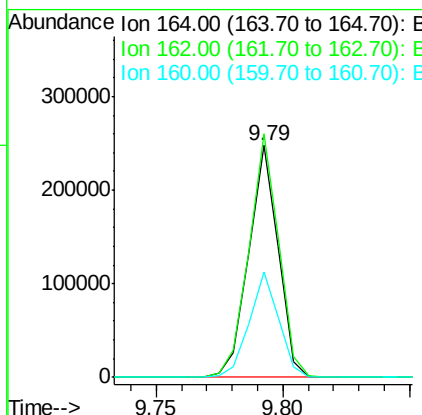
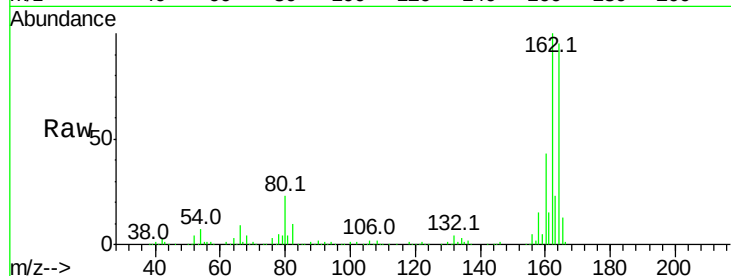




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

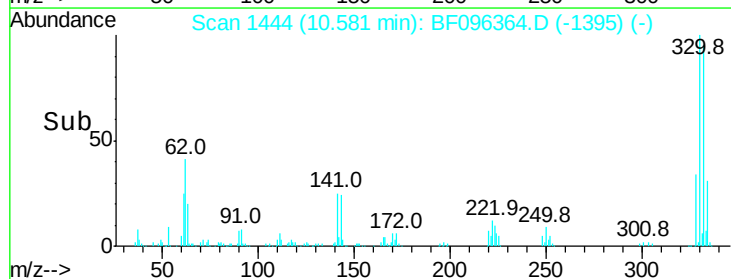
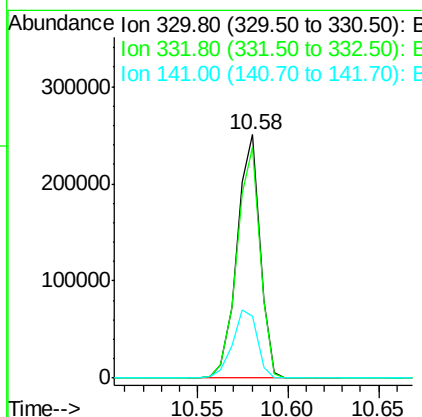
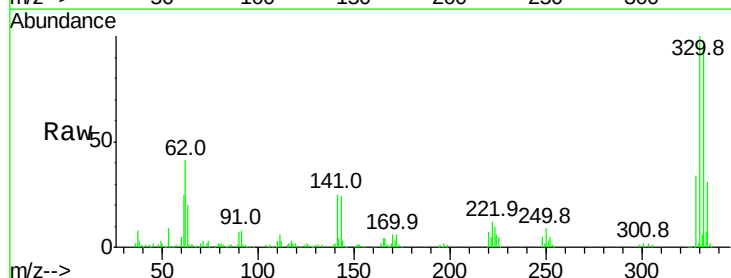
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-009

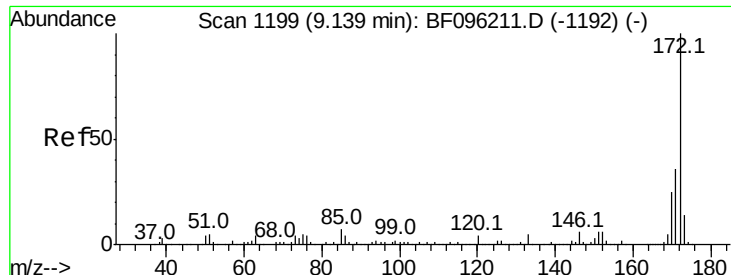
Tot Ion:164 Resp: 200410
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 45.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 140.64 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion:330 Resp: 221811
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 30.2 31.4 47.2#

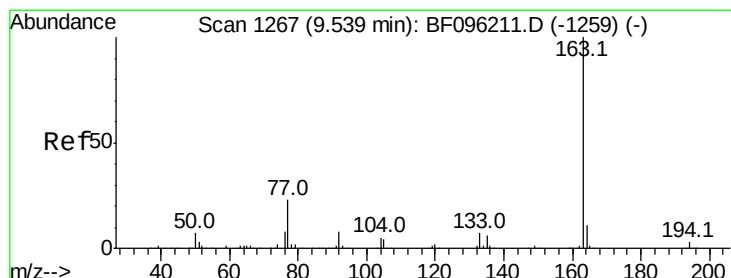
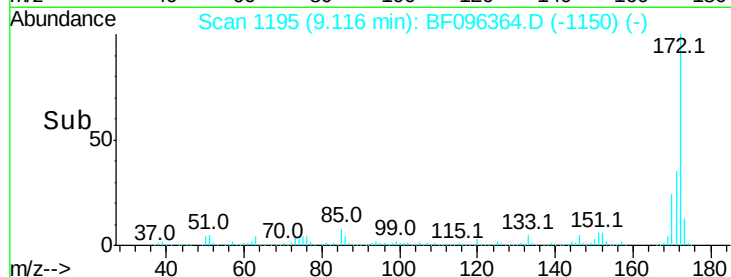
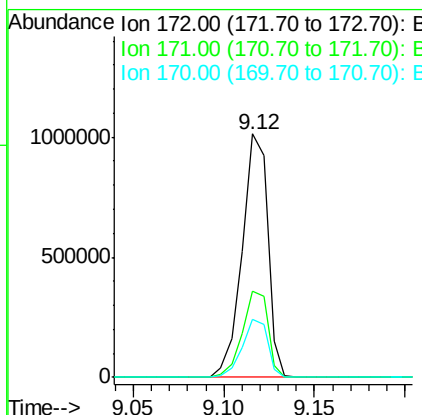
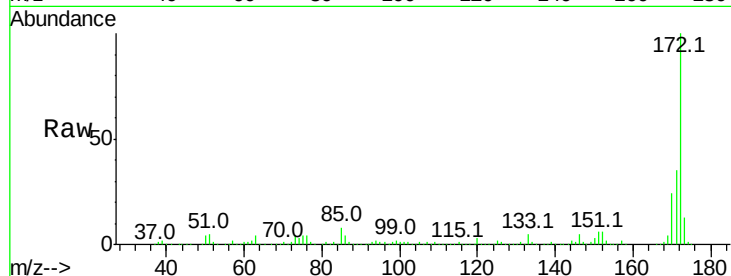




#44
 2-Fluorobiphenyl
 Concen: 91.21 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

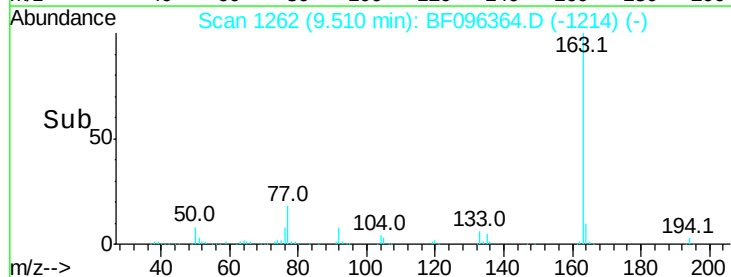
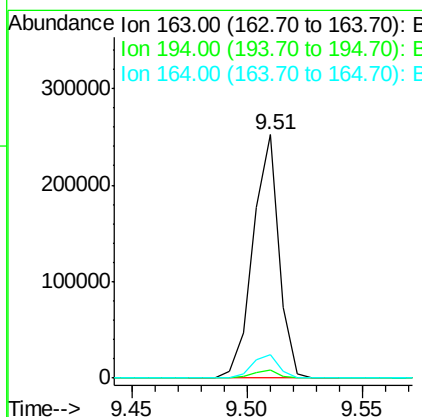
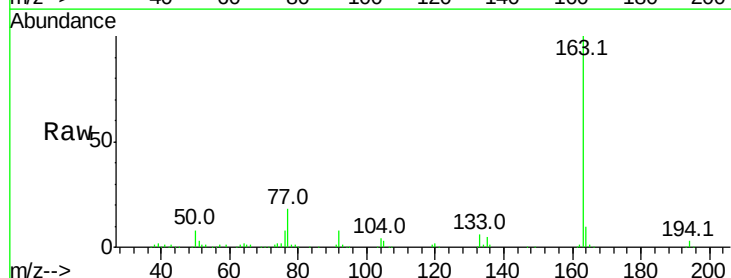
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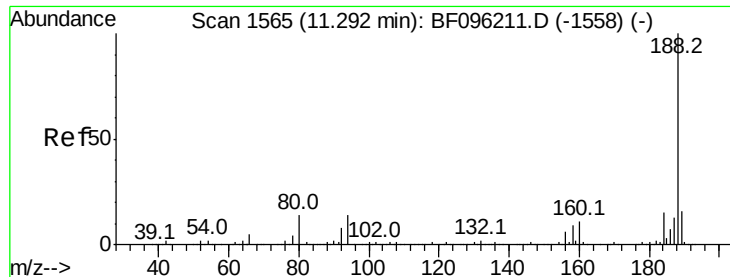
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.9	19.8	29.8



#49
 Dimethylphthalate
 Concen: 13.85 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF096364.D

Acq: 1 Jul 2017 4:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-009

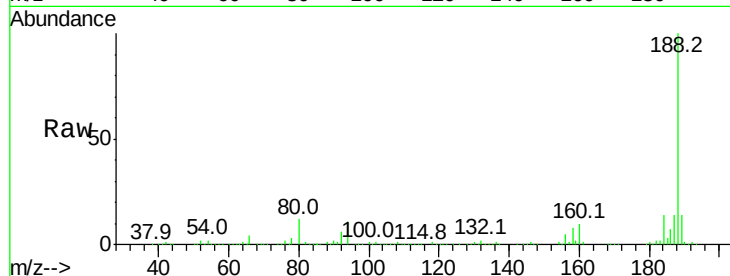
Tot Ion:188 Resp: 332484

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

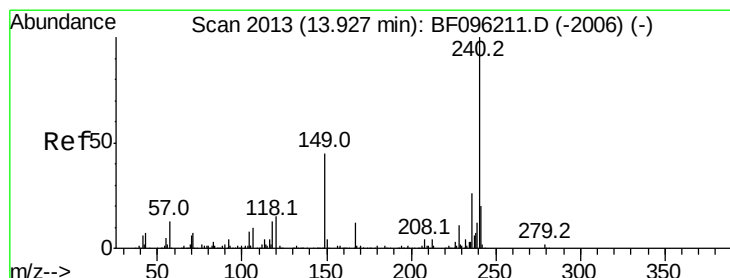
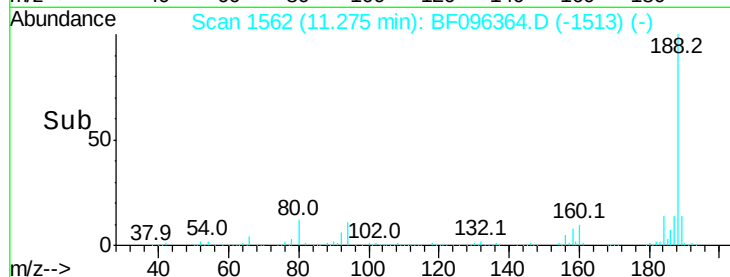
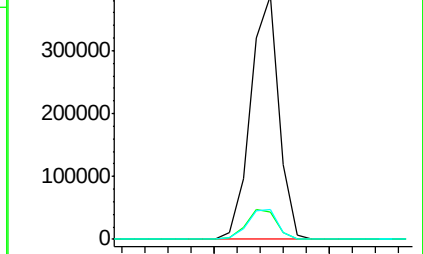
80 12.1 10.2 15.2



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: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096364.D

Acq: 1 Jul 2017 4:16

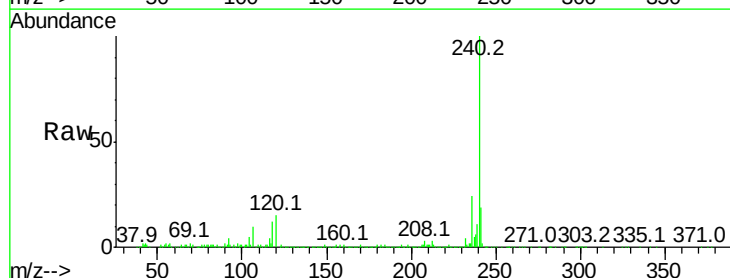
Tgt Ion:240 Resp: 287380

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

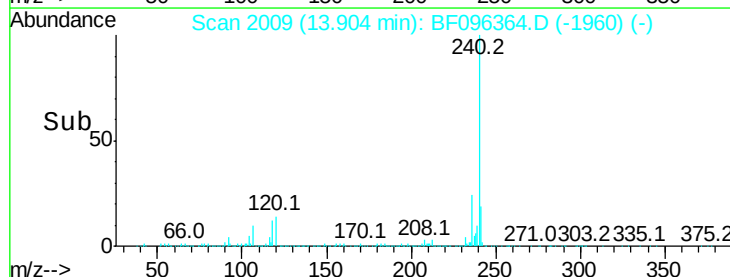
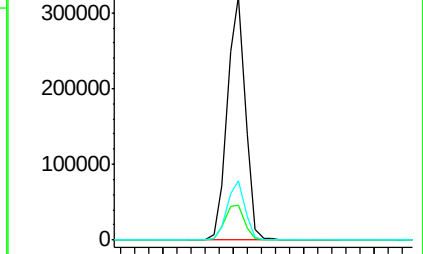
236 24.1 20.5 30.7

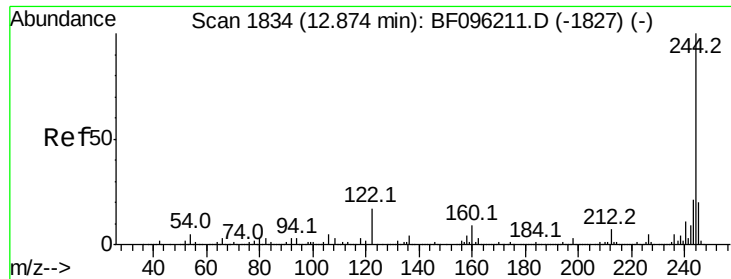


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

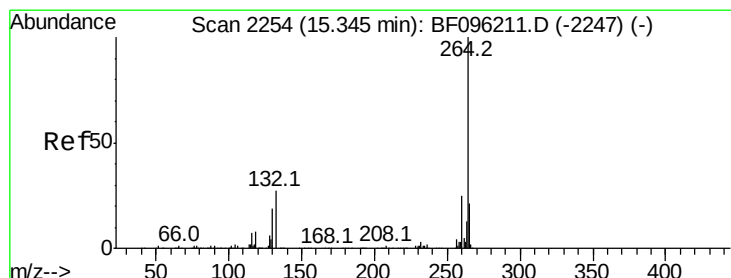
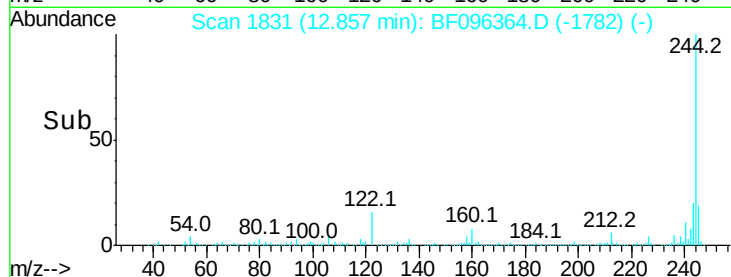
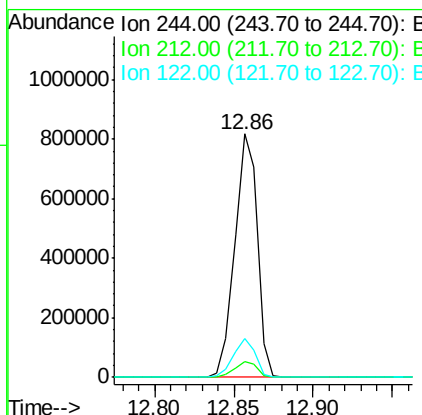
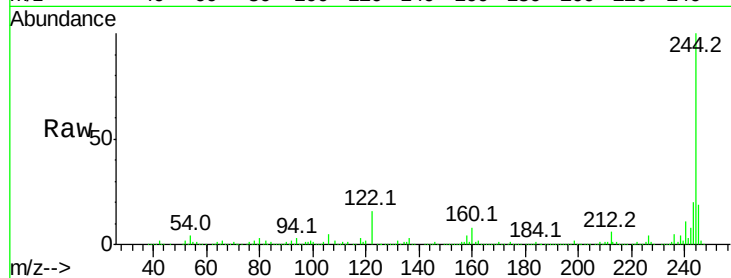




#78
 Terphenyl-d14
 Concen: 69.76 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-009

Tot Ion:244 Resp: 803368
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 16.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion:264 Resp: 196827
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.3 17.2 25.8

