

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090199.D
 Acq On : 23 Sep 2016 15:56
 Operator : UM/SJ
 Sample : H4927-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

Quant Time: Sep 23 17:52:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 17:21:41 2016
 Response via : Initial Calibration

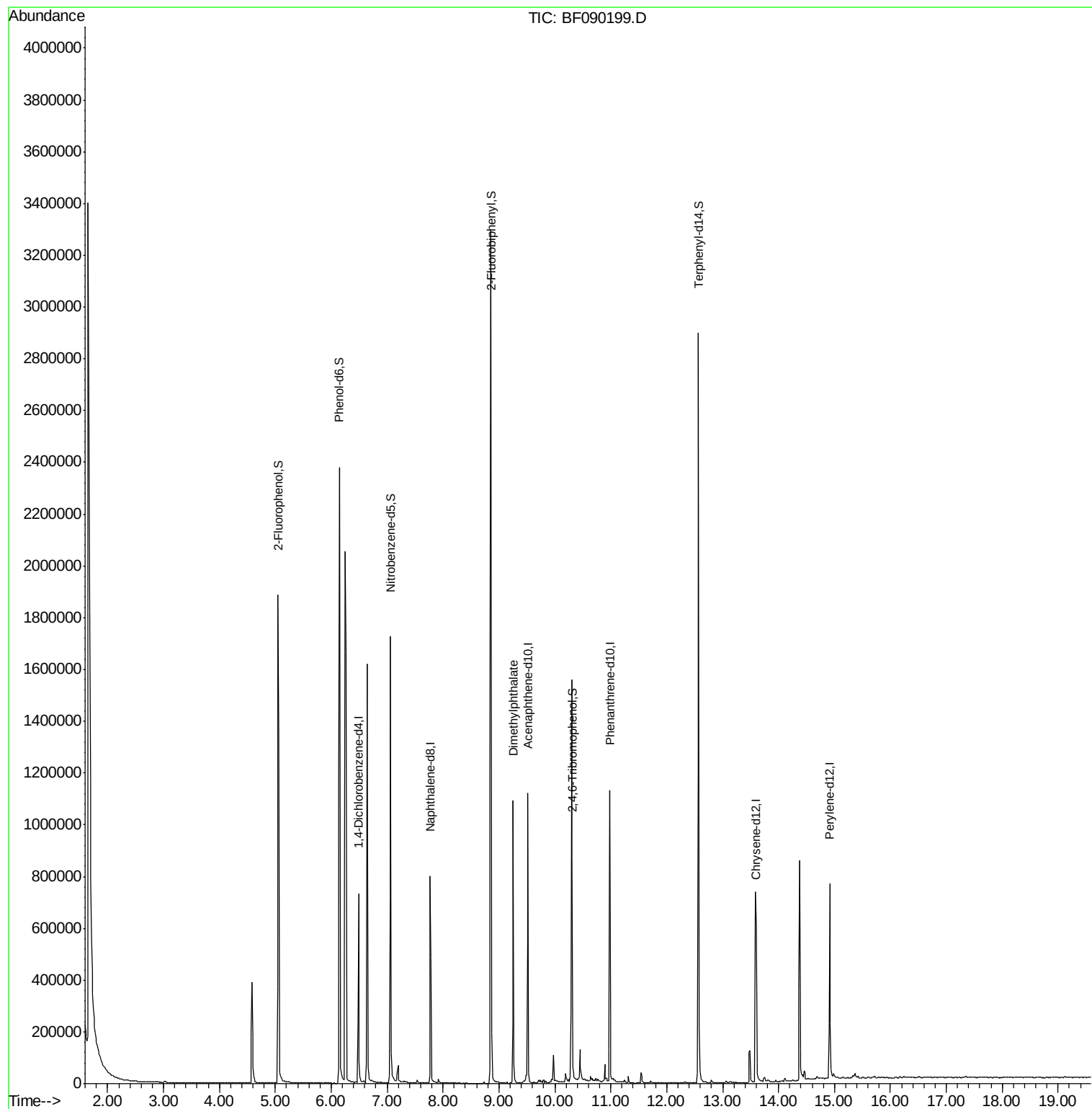
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	134455	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	494451	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	297164	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	443737	20.00	ng	0.00
75) Chrysene-d12	13.60	240	392292	20.00	ng	0.00
86) Perylene-d12	14.91	264	312748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	891659	108.10	ng	0.00
7) Phenol-d6	6.15	99	1116136	109.56	ng	0.00
23) Nitrobenzene-d5	7.06	82	709635	83.20	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	283682	111.27	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1151630	76.08	ng	0.00
78) Terphenyl-d14	12.57	244	1016724	65.80	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.26	163	472703	24.97	ng	100

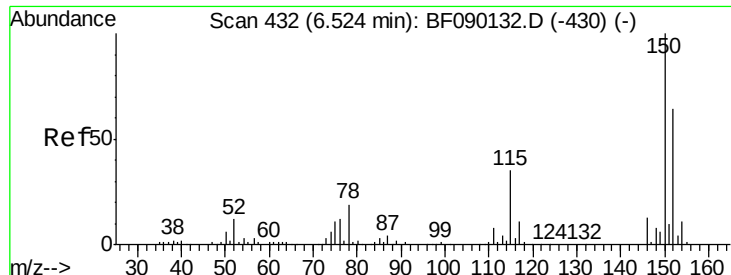
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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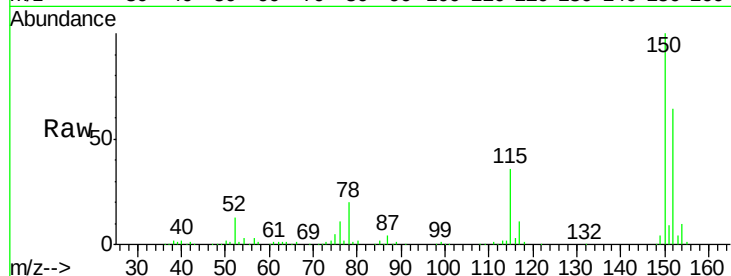


#1

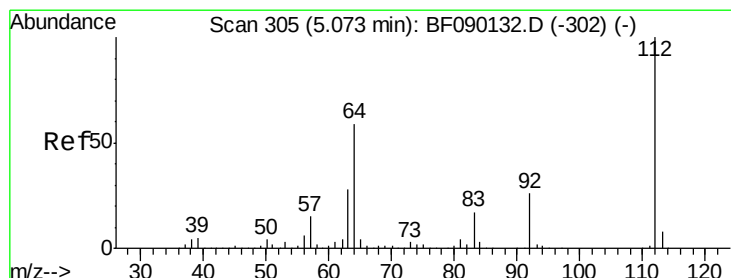
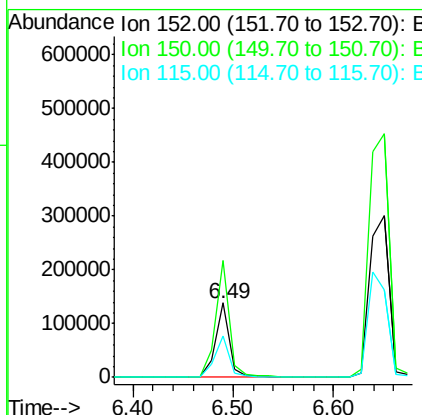
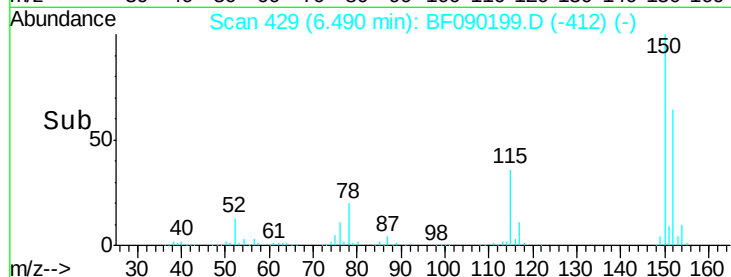
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-19A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	128.9	193.3
115	56.4	55.5	83.3



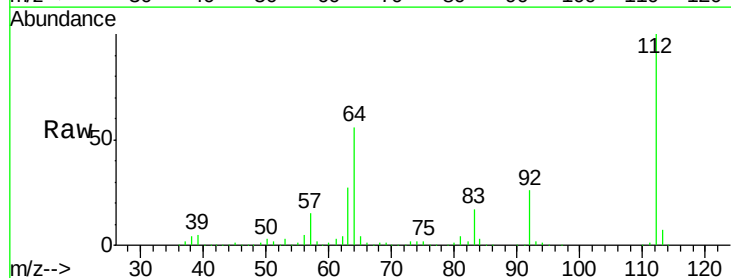
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



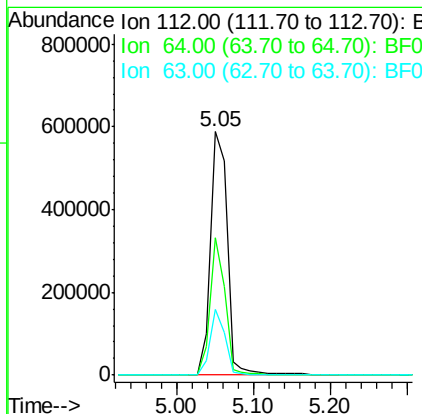
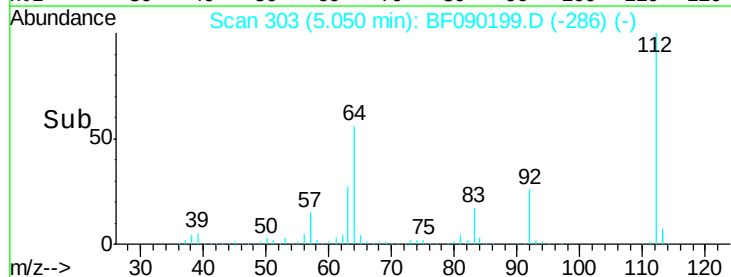
#5

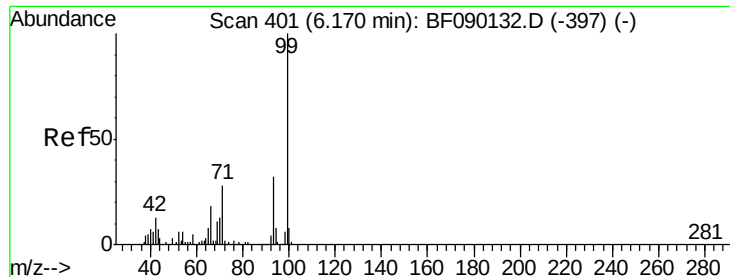
2-Fluorophenol
Concen: 108.10 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.8	59.6
63	26.9	18.9	28.3



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: 109.56 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF090199.D

Acq: 23 Sep 2016 15:56

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19A

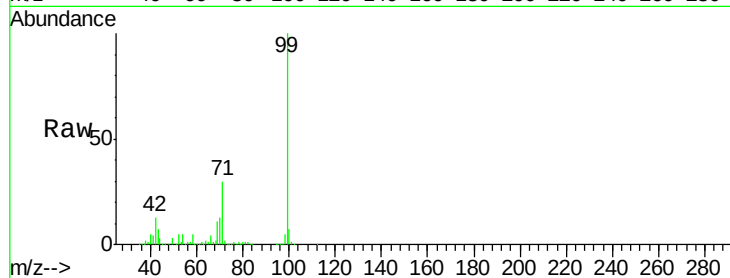
Tot Ion: 99 Resp: 1116136

Ion Ratio Lower Upper

99 100

42 12.9 10.6 15.8

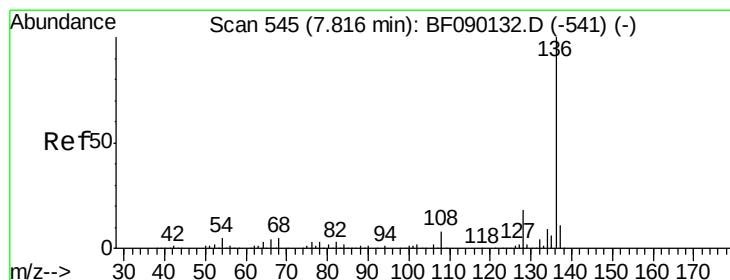
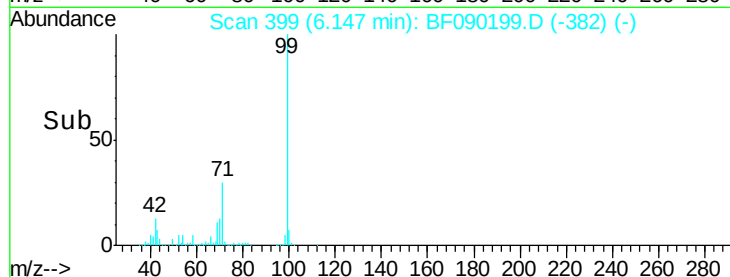
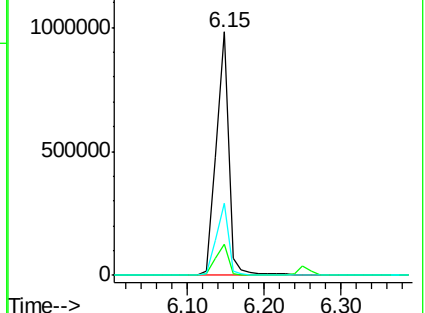
71 29.8 23.0 34.6



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: 7.77 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF090199.D

Acq: 23 Sep 2016 15:56

Tgt Ion: 136 Resp: 494451

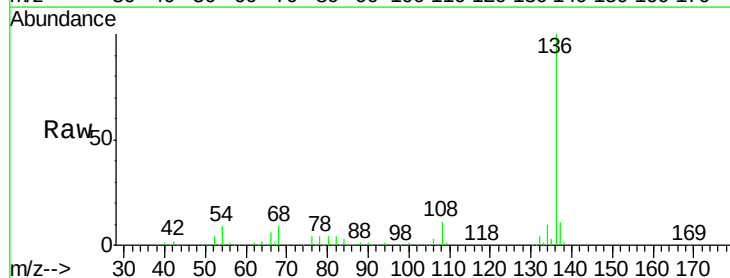
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.6 6.4 9.6

68 8.6 6.3 9.5

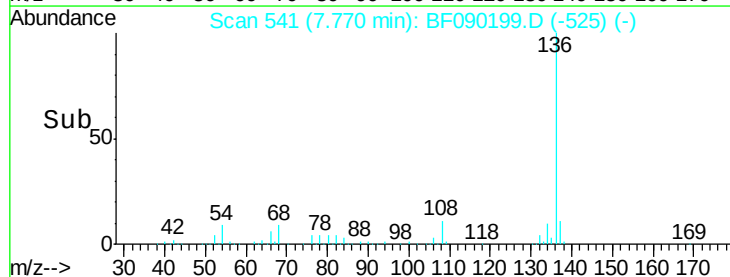
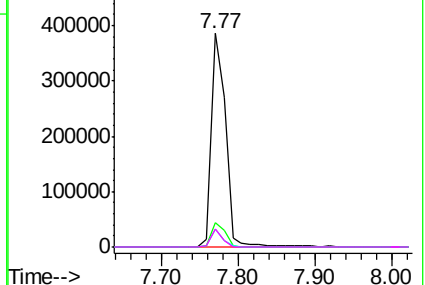


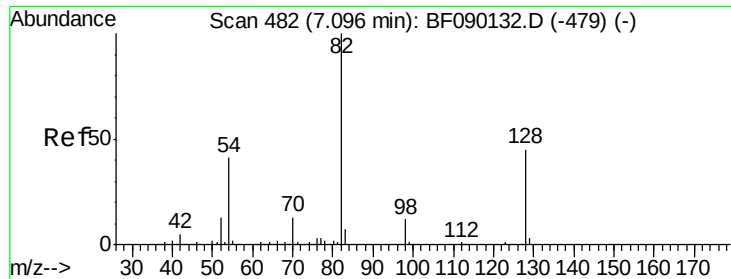
Abundance Ion 136.00 (135.70 to 136.70): E

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

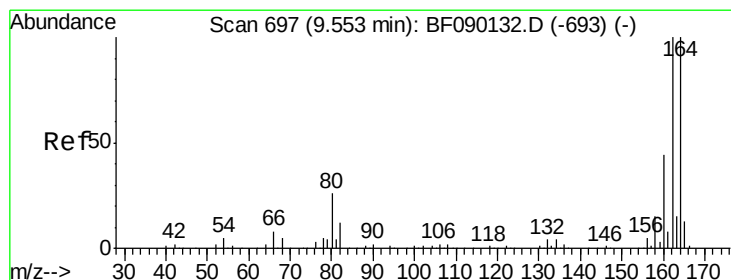
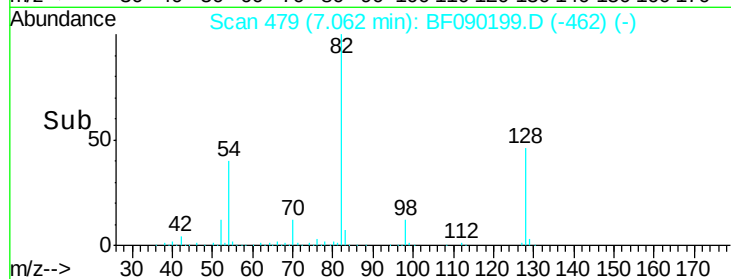
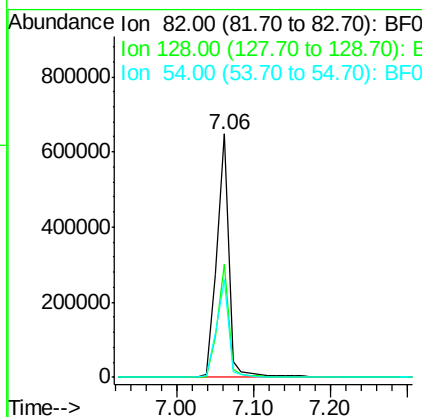
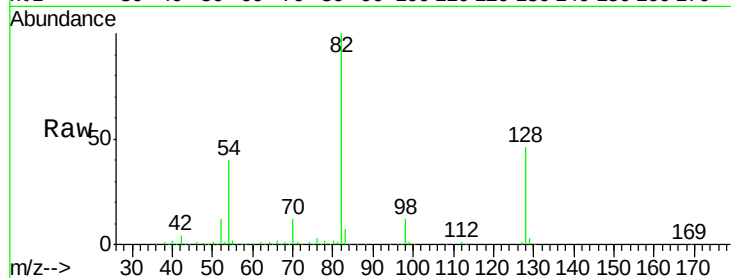




#23
 Nitrobenzene-d5
 Concen: 83.20 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF090199.D
 Acq: 23 Sep 2016 15:56

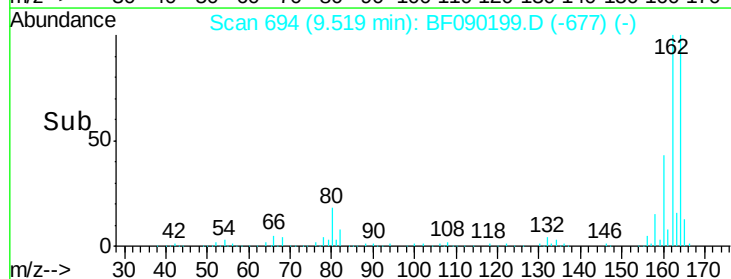
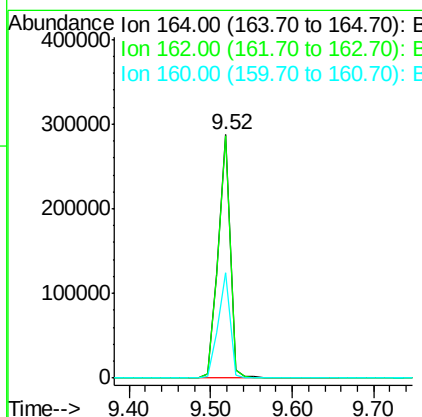
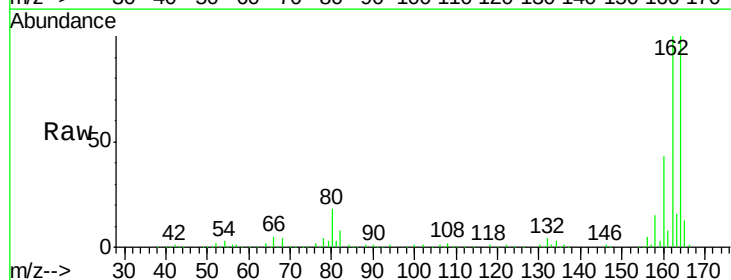
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

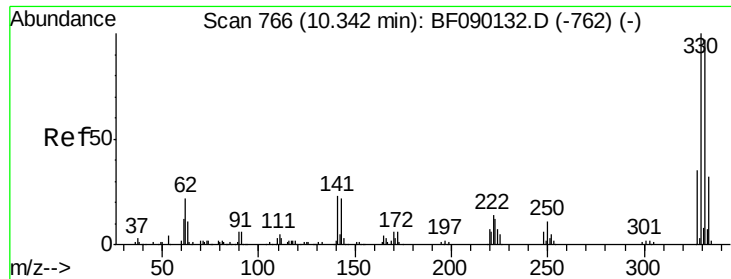
Tot Ion	82	Resp	709635
Ion Ratio	Lower	Upper	
82	100		
128	46.5	37.5	56.3
54	40.2	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF090199.D
 Acq: 23 Sep 2016 15:56

Tgt Ion	164	Resp	297164
Ion Ratio	Lower	Upper	
164	100		
162	99.7	81.4	122.2
160	43.4	36.6	54.8

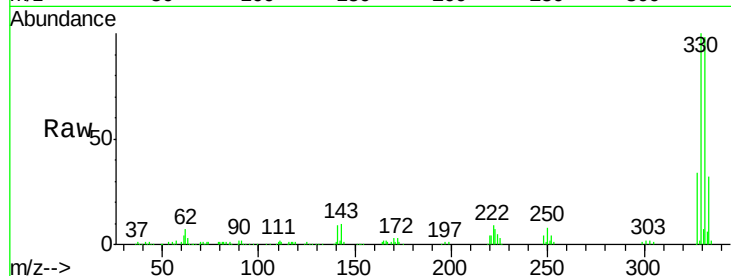




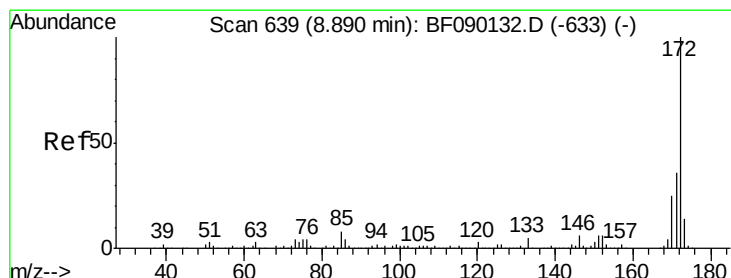
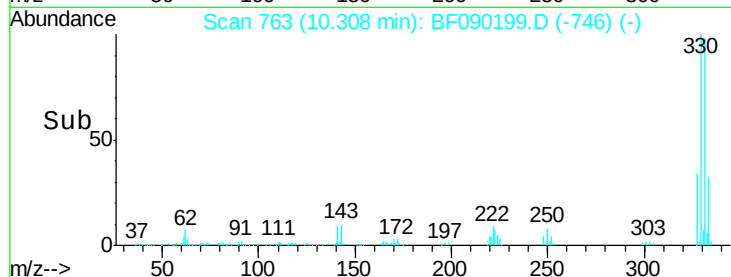
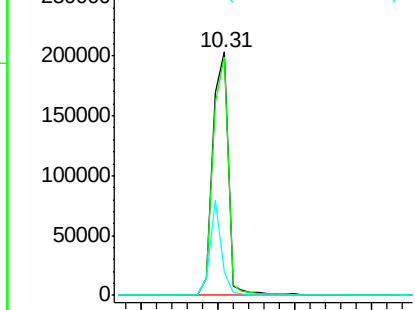
#41
 2,4,6-Tribromophenol
 Concen: 111.27 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF090199.D
 Acq: 23 Sep 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	29.0	23.9	35.9

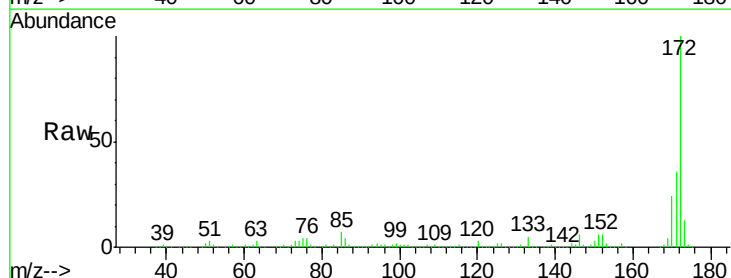


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

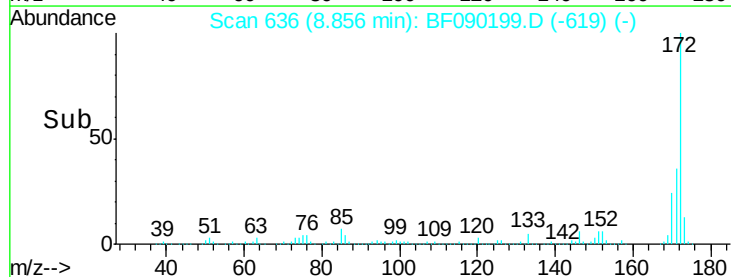
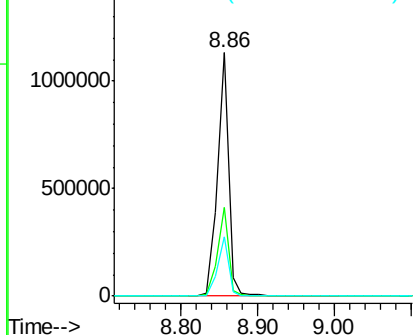


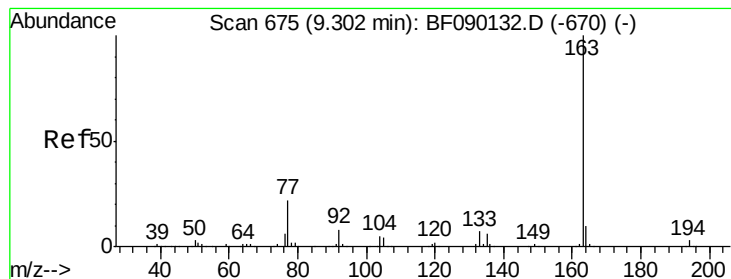
#44
 2-Fluorobiphenyl
 Concen: 76.08 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF090199.D
 Acq: 23 Sep 2016 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.3	19.8	29.8



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: 24.97 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF090199.D

Acq: 23 Sep 2016 15:56

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19A

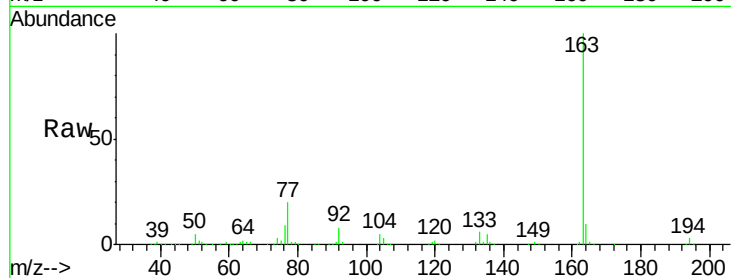
Tot Ion:163 Resp: 472703

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

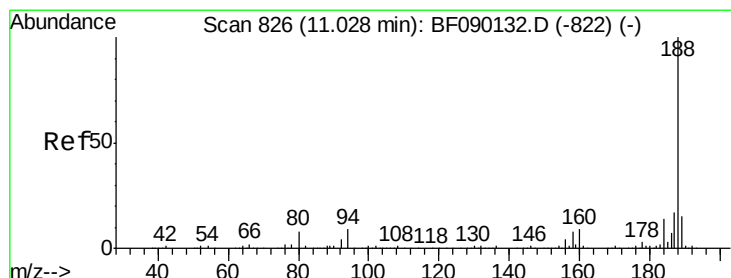
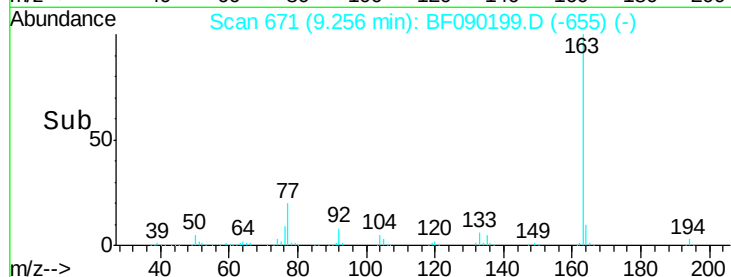
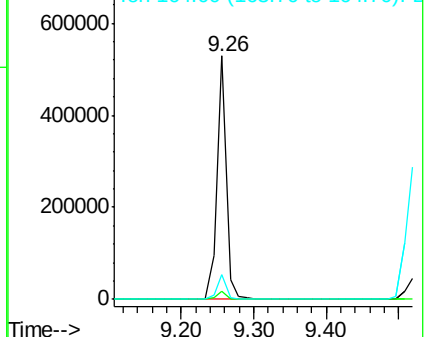
164 10.1 8.1 12.1



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: 10.98 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF090199.D

Acq: 23 Sep 2016 15:56

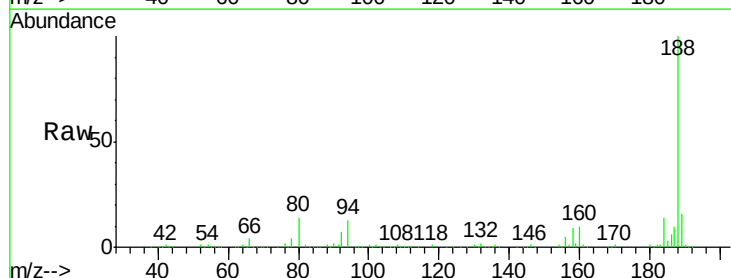
Tgt Ion:188 Resp: 443737

Ion Ratio Lower Upper

188 100

94 12.8 10.5 15.7

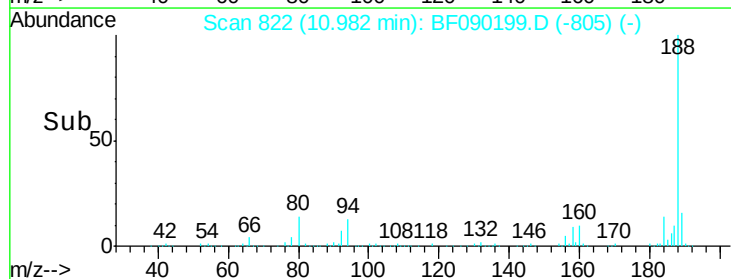
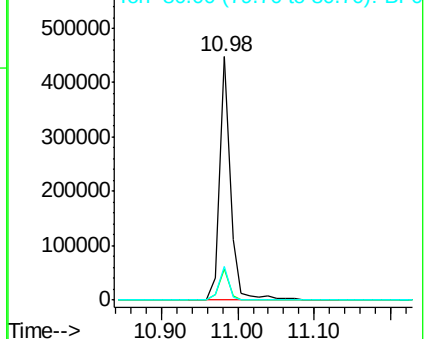
80 13.6 11.2 16.8

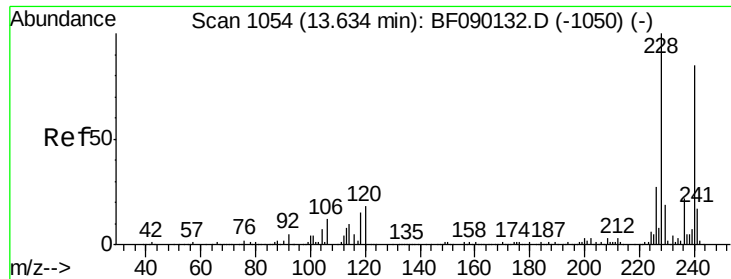


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.60 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF090199.D

Acq: 23 Sep 2016 15:56

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19A

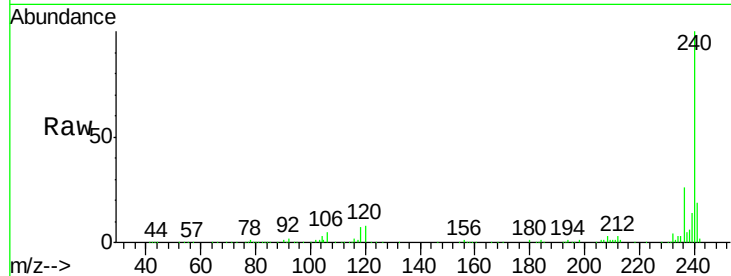
Tot Ion:240 Resp: 392292

Ion Ratio Lower Upper

240 100

120 8.3 10.6 16.0#

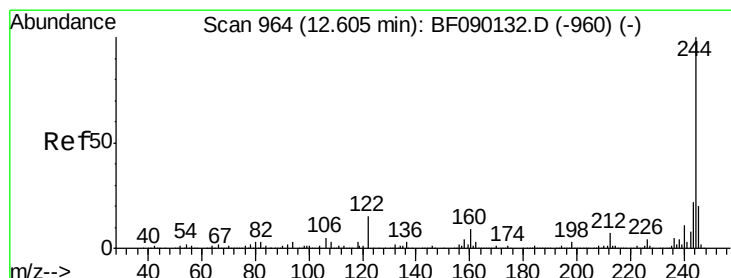
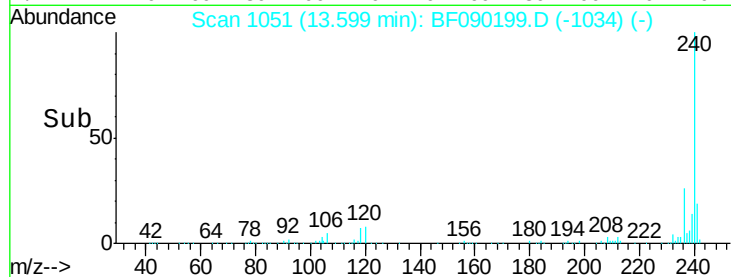
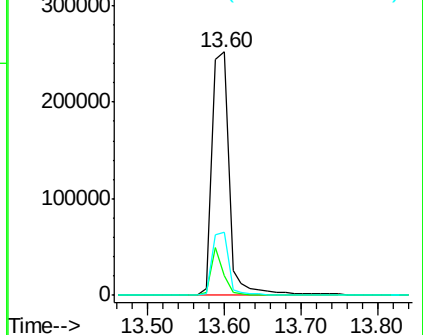
236 25.7 21.6 32.4



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: 65.80 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF090199.D

Acq: 23 Sep 2016 15:56

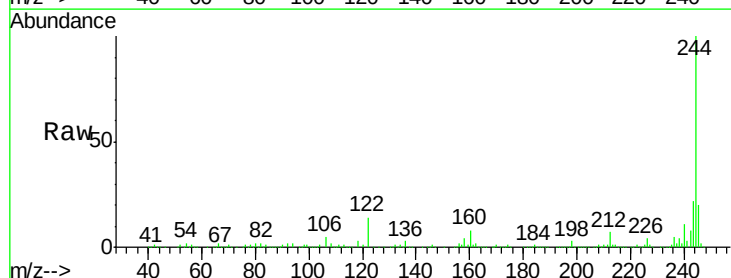
Tgt Ion:244 Resp: 1016724

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

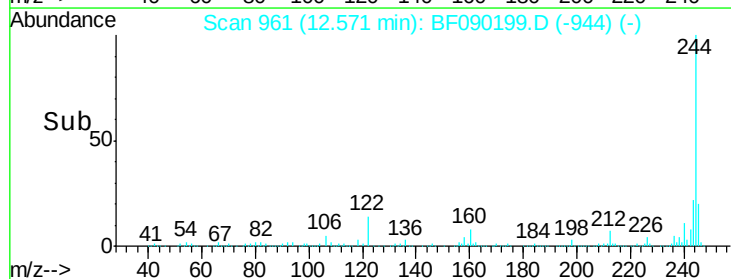
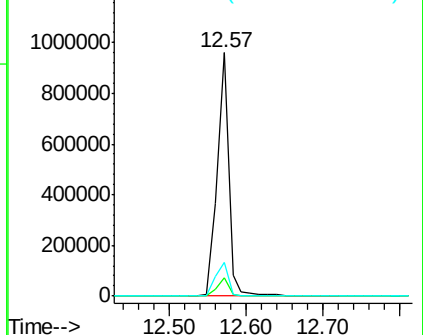
122 14.0 9.4 14.0

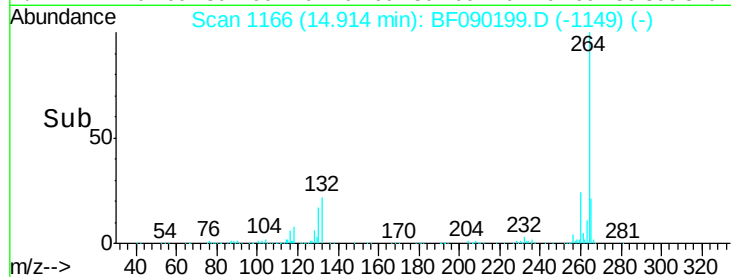
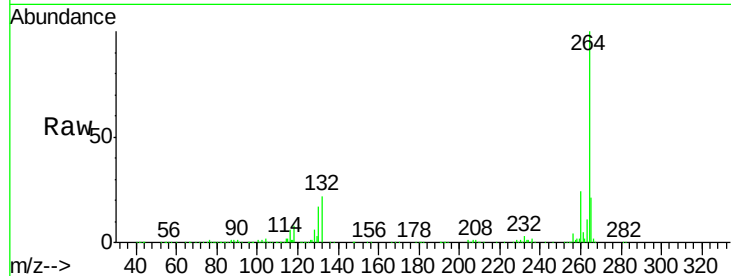
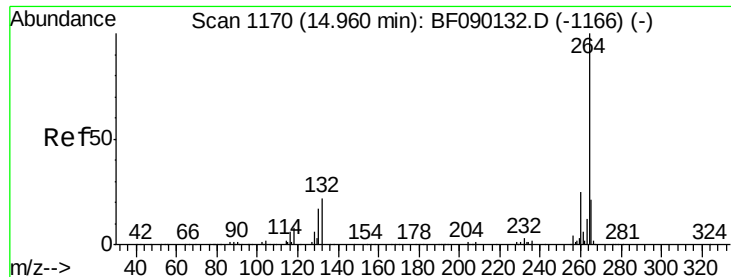


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-19A

Tot Ion:	264	Resp:	312748
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.0	25.4

