

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090091.D
 Acq On : 15 Sep 2016 14:57
 Operator : UM/SJ
 Sample : H4761-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-3

Quant Time: Sep 15 15:43:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

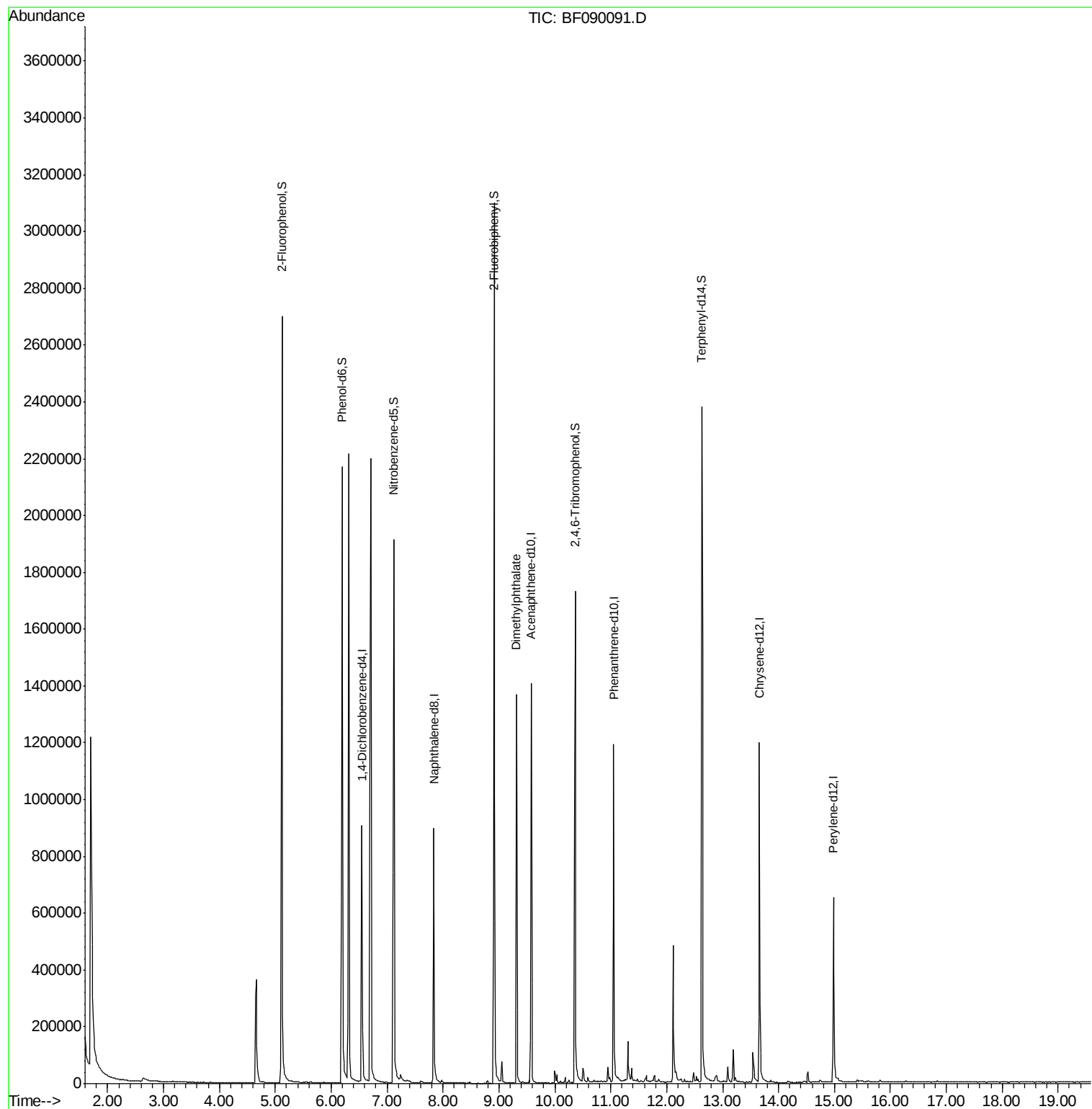
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	154929	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	619798	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	292881	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	574213	20.00	ng	0.00
75) Chrysene-d12	13.66	240	463548	20.00	ng	-0.01
86) Perylene-d12	14.98	264	326623	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1021522	106.04	ng	0.00
7) Phenol-d6	6.19	99	1395396	110.64	ng	-0.01
23) Nitrobenzene-d5	7.12	82	827086	75.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	306059	104.03	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1210005	64.88	ng	-0.01
78) Terphenyl-d14	12.63	244	1074446	55.04	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.31	163	593213	27.27	ng	Qvalue 98

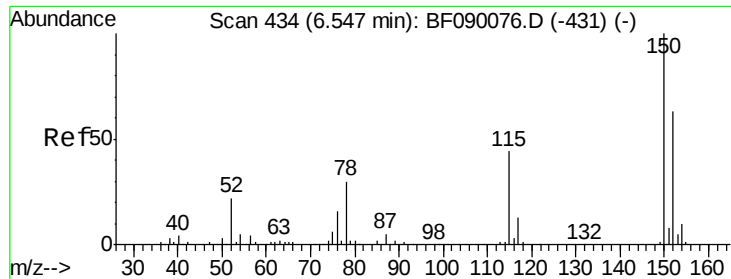
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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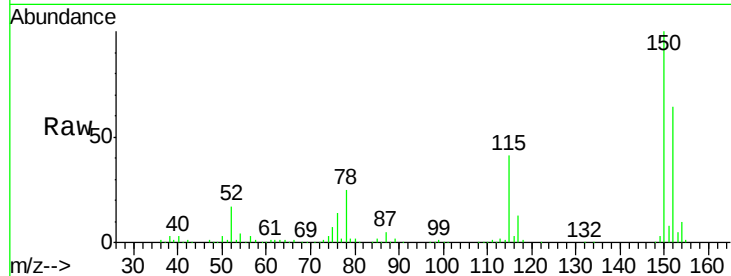


#1

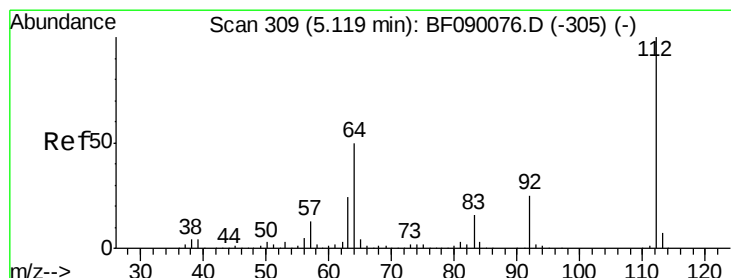
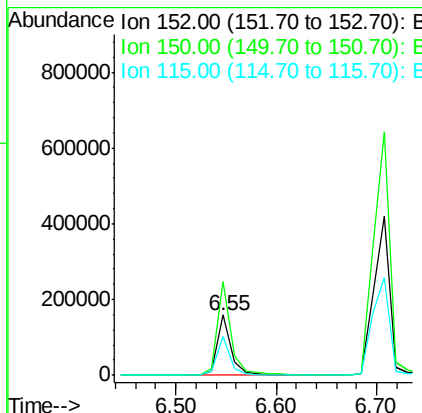
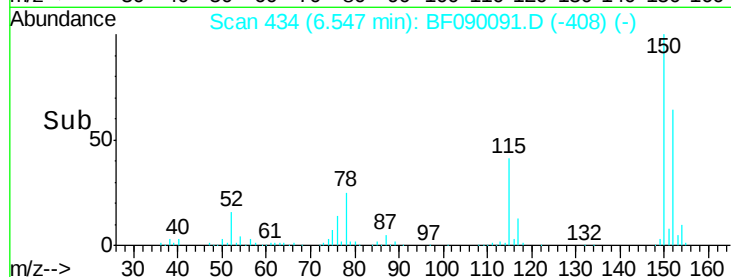
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BF090091.D
 Acq: 15 Sep 2016 14:57

Instrument :
 BNA_F
 ClientSampleId :
 UST-3

Tgt Ion:152 Resp: 154929
 Ion Ratio Lower Upper
 152 100
 150 155.9 128.9 193.3
 115 63.5 55.5 83.3



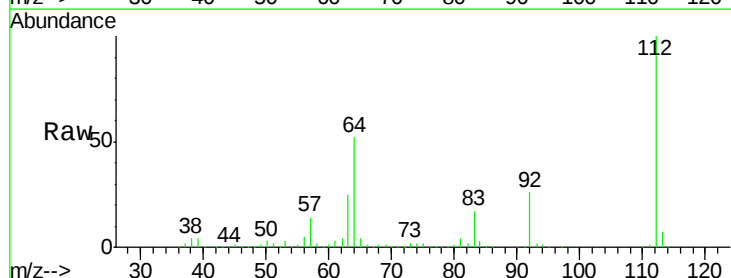
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



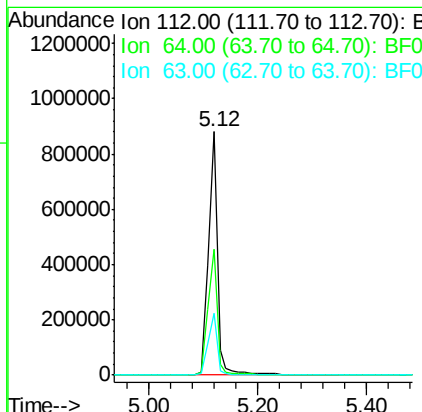
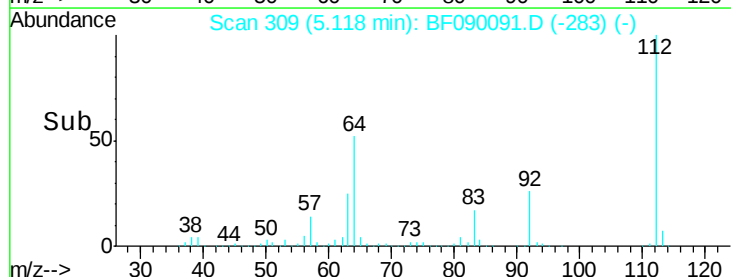
#5

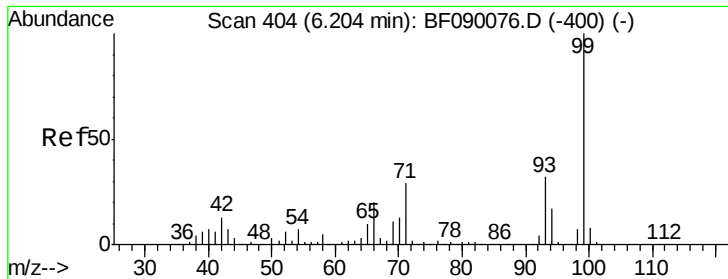
2-Fluorophenol
 Concen: 106.04 ng
 RT: 5.12 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BF090091.D
 Acq: 15 Sep 2016 14:57

Tgt Ion:112 Resp: 1021522
 Ion Ratio Lower Upper
 112 100
 64 51.6 39.8 59.6
 63 25.2 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: 110.64 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090091.D

Acq: 15 Sep 2016 14:57

Instrument :

BNA_F

ClientSampleId :

UST-3

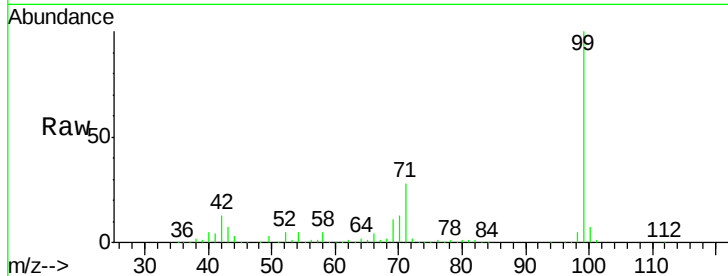
Tgt Ion: 99 Resp: 1395396

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

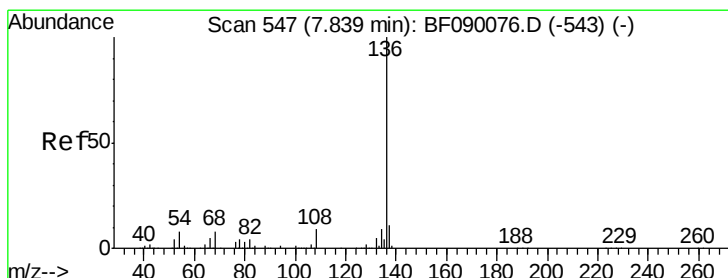
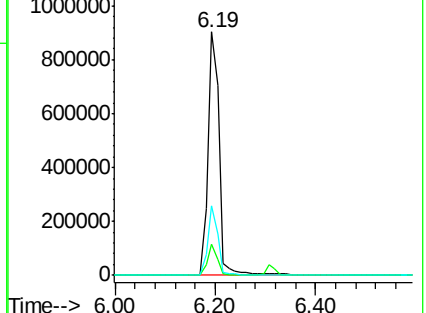
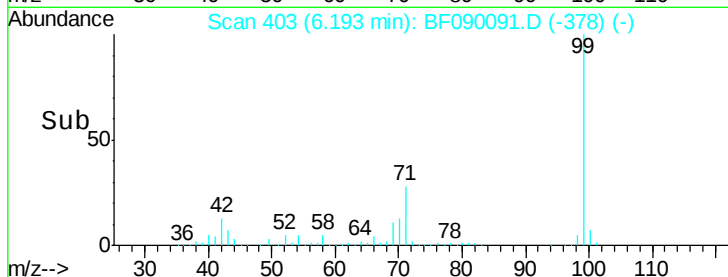
71 28.5 23.0 34.6



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: 7.84 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF090091.D

Acq: 15 Sep 2016 14:57

Tgt Ion: 136 Resp: 619798

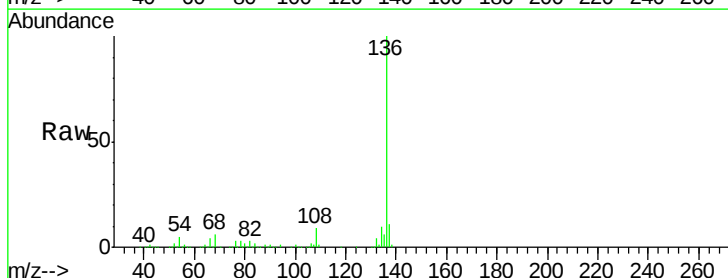
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.4 6.4 9.6#

68 5.6 6.3 9.5#

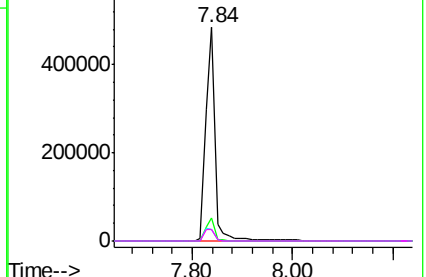
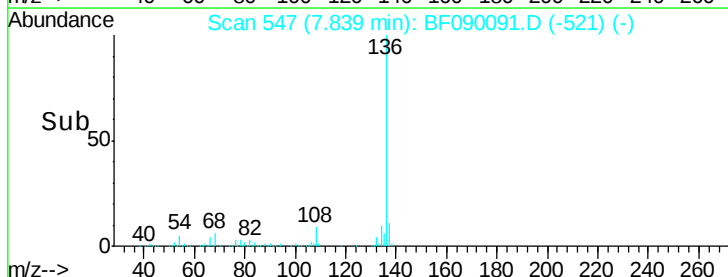


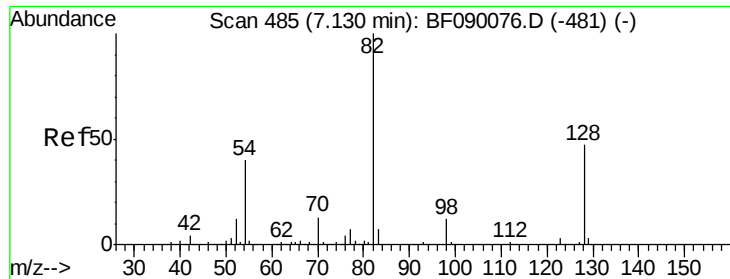
Abundance Ion 136.00 (135.70 to 136.70): E

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

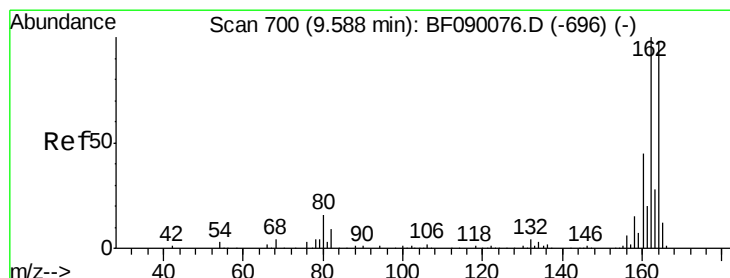
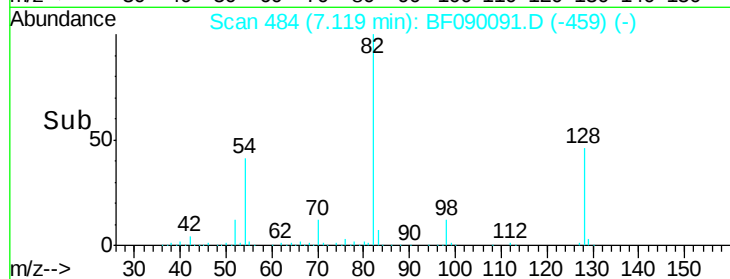
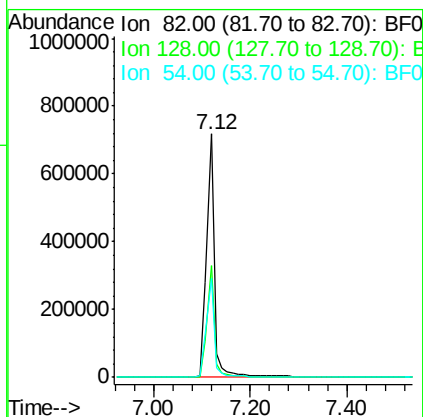
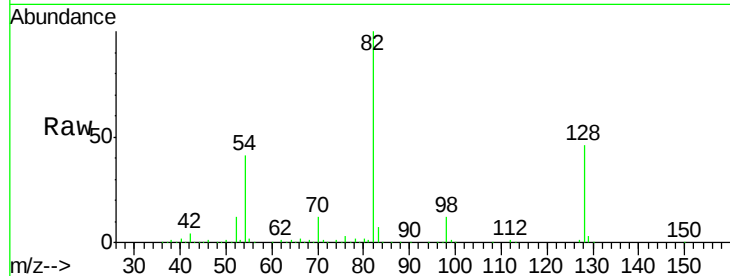




#23
 Nitrobenzene-d5
 Concen: 75.03 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090091.D
 Acq: 15 Sep 2016 14:57

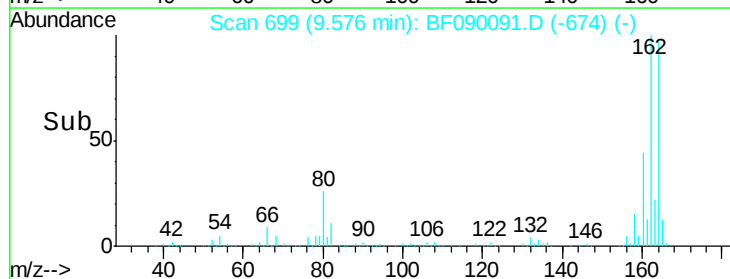
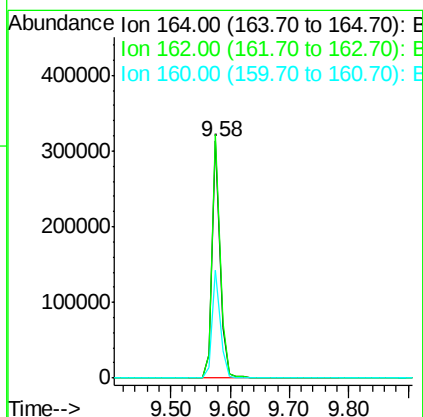
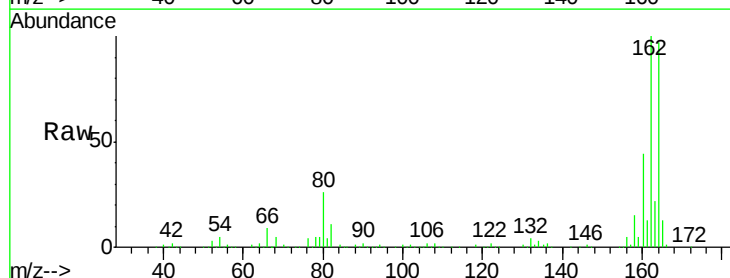
Instrument :
 BNA_F
 ClientSampleId :
 UST-3

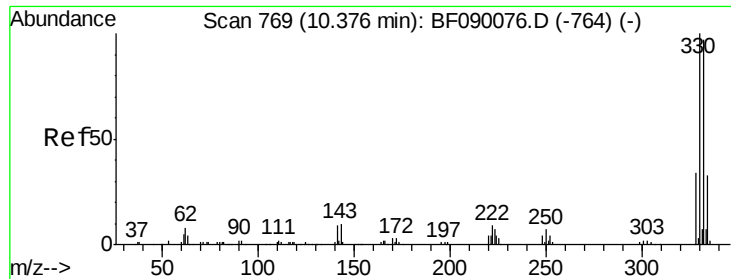
Tgt Ion: 82 Resp: 827086
 Ion Ratio Lower Upper
 82 100
 128 46.0 37.5 56.3
 54 40.6 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090091.D
 Acq: 15 Sep 2016 14:57

Tgt Ion: 164 Resp: 292881
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.4 122.2
 160 45.3 36.6 54.8

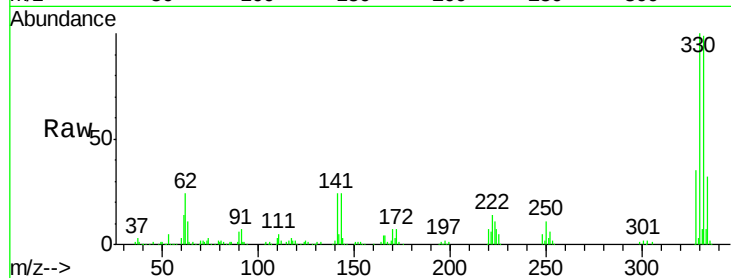




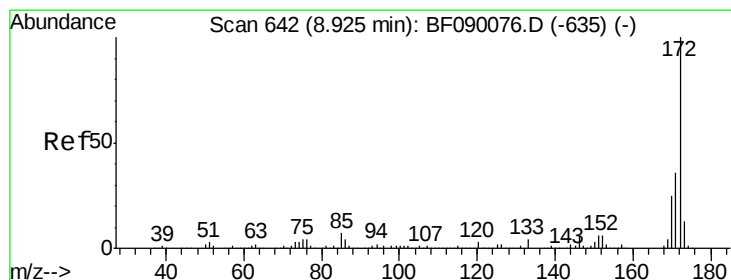
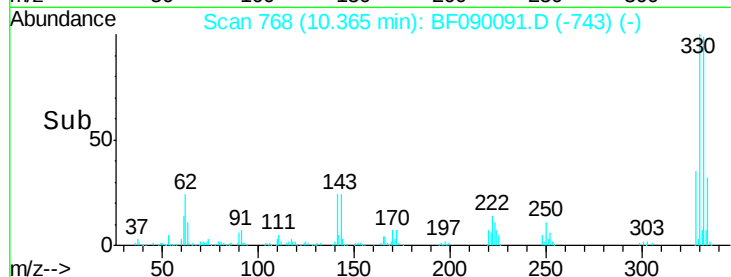
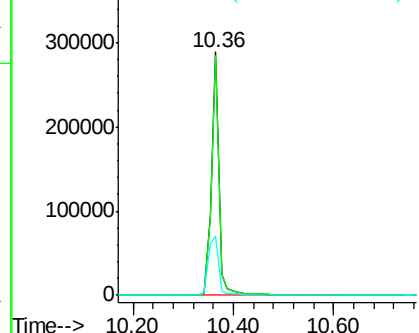
#41
 2,4,6-Tribromophenol
 Concen: 104.03 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090091.D
 Acq: 15 Sep 2016 14:57

Instrument :
 BNA_F
 ClientSampleId :
 UST-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	33.5	23.9	35.9

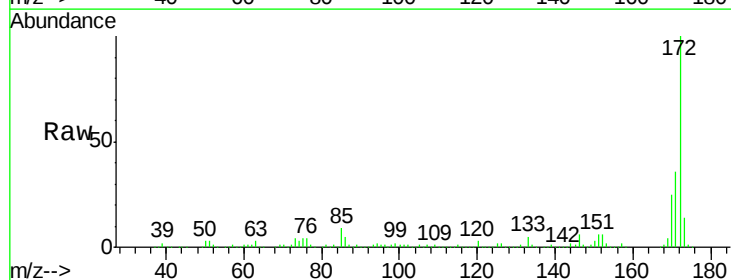


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

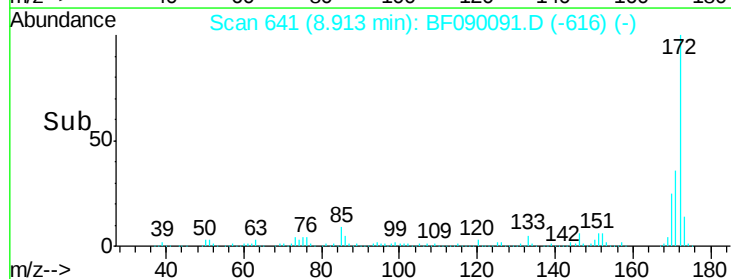
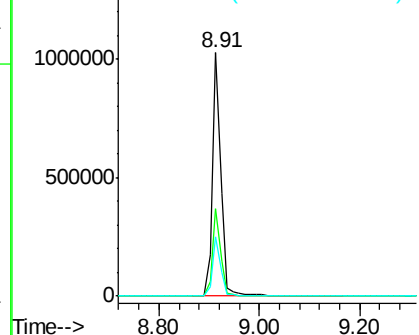


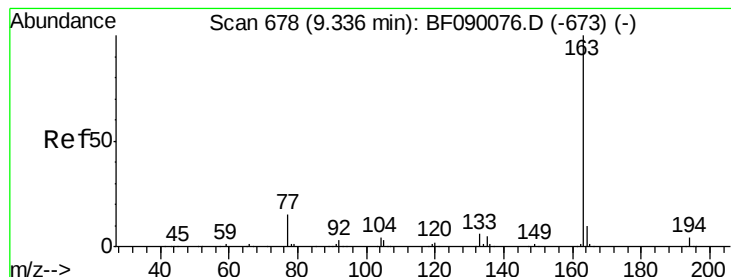
#44
 2-Fluorobiphenyl
 Concen: 64.88 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090091.D
 Acq: 15 Sep 2016 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.6	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: 27.27 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF090091.D

Acq: 15 Sep 2016 14:57

Instrument :

BNA_F

ClientSampleId :

UST-3

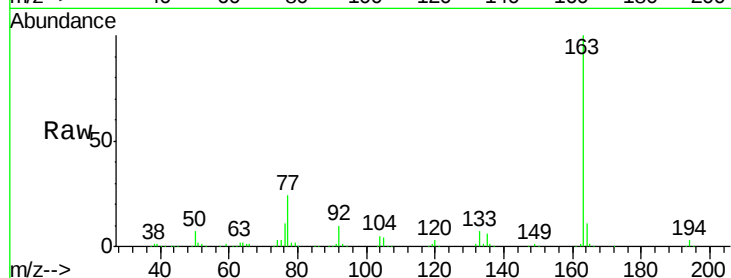
Tgt Ion:163 Resp: 593213

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

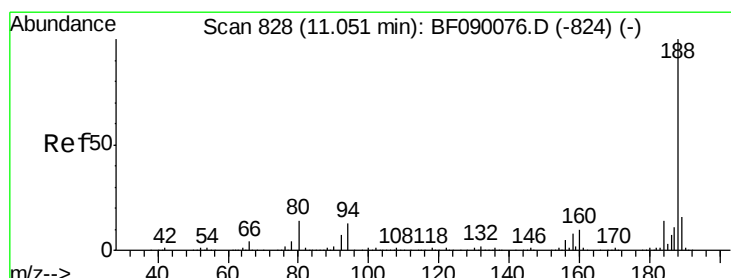
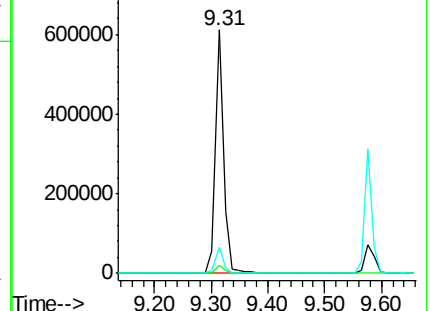
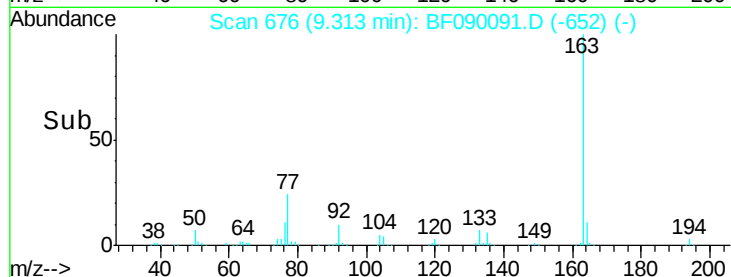
164 10.8 8.1 12.1



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: 11.05 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF090091.D

Acq: 15 Sep 2016 14:57

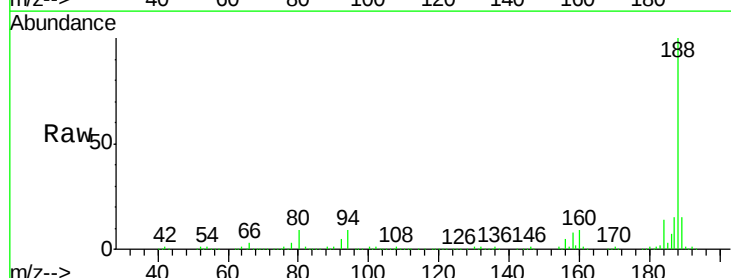
Tgt Ion:188 Resp: 574213

Ion Ratio Lower Upper

188 100

94 9.5 10.5 15.7#

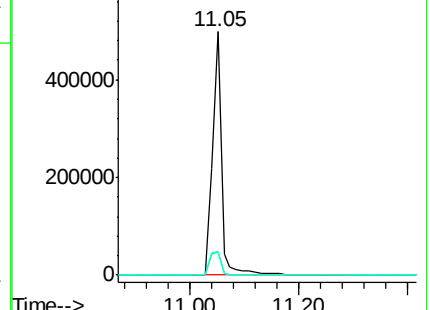
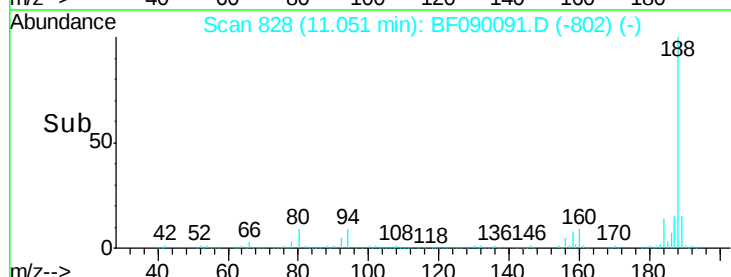
80 9.4 11.2 16.8#

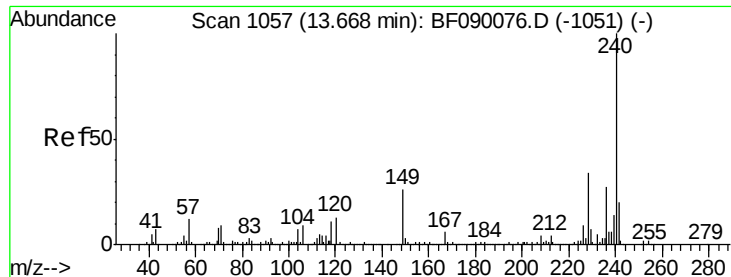


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090091.D

Acq: 15 Sep 2016 14:57

Instrument :

BNA_F

ClientSampleId :

UST-3

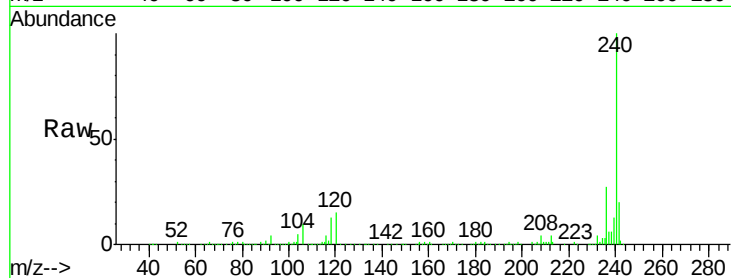
Tgt Ion:240 Resp: 463548

Ion Ratio Lower Upper

240 100

120 14.9 10.6 16.0

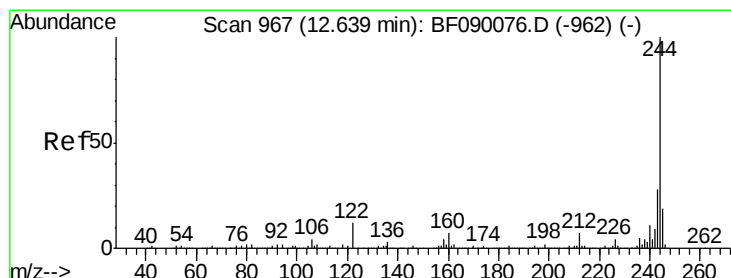
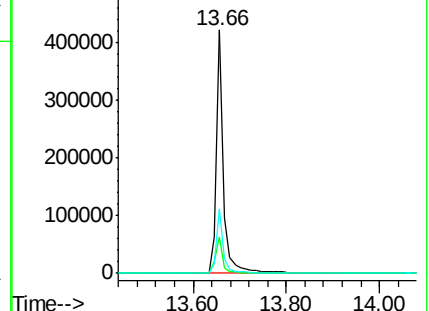
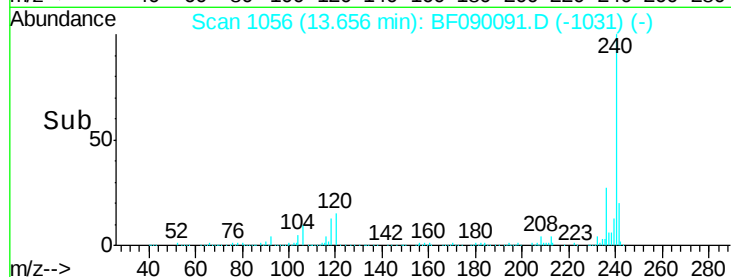
236 26.5 21.6 32.4



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: 55.04 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090091.D

Acq: 15 Sep 2016 14:57

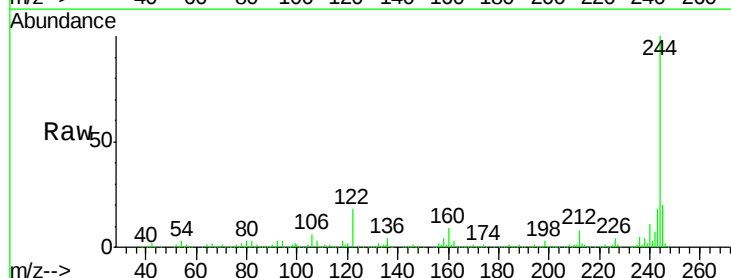
Tgt Ion:244 Resp: 1074446

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

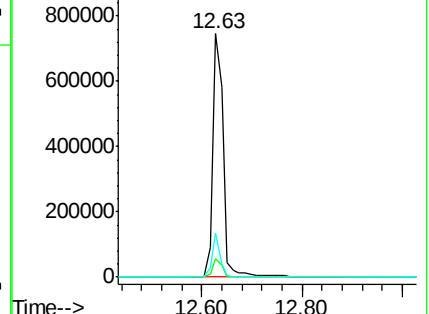
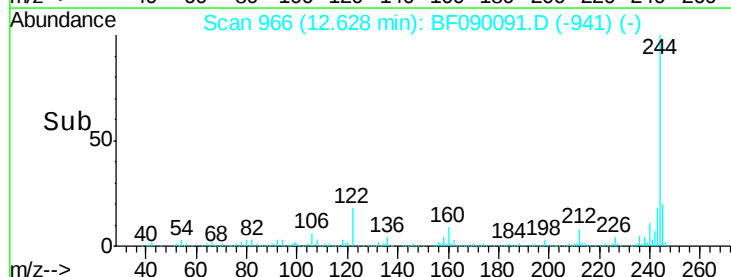
122 17.9 9.4 14.0#

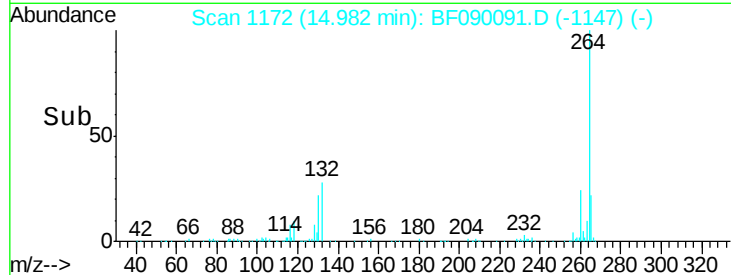
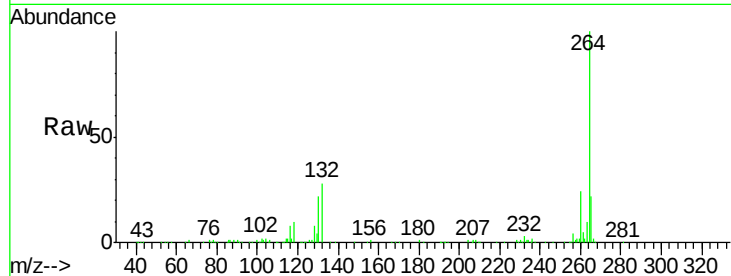
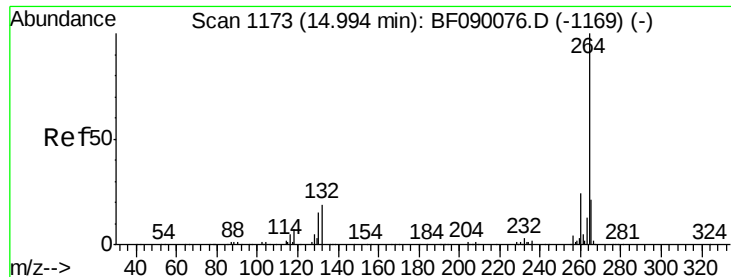


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF090091.D
Acq: 15 Sep 2016 14:57

Instrument :
BNA_F
ClientSampleId :
UST-3

Tgt Ion:	264	Resp:	326623
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	17.0	25.4

