

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088461.D
 Acq On : 27 Jun 2016 19:56
 Operator : UM/SJ
 Sample : H3701-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2A

Quant Time: Jun 28 06:16:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

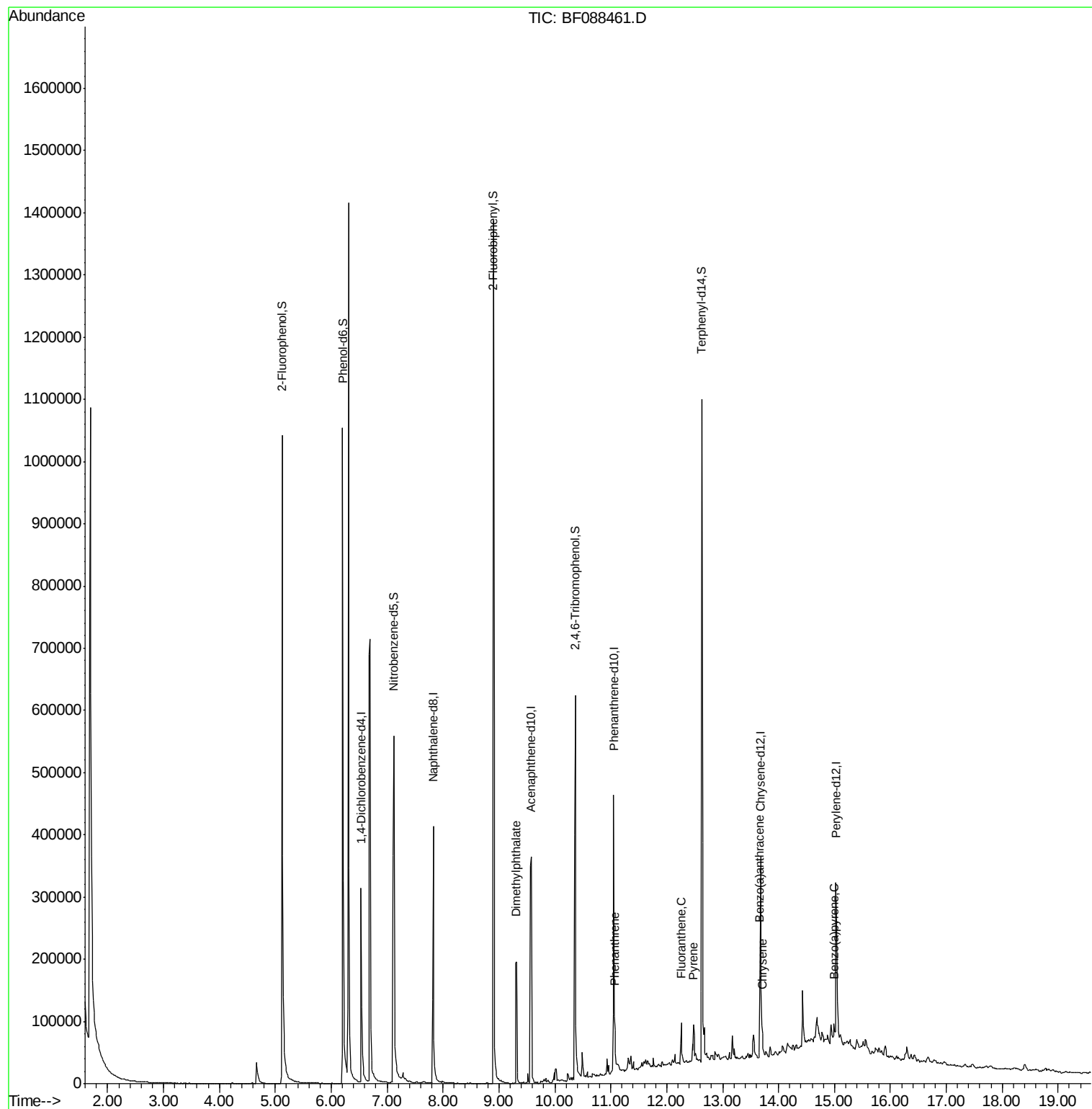
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	69267m	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	264933	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	117029	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	202146	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	129446	20.00	ng	-0.01
86) Perylene-d12	15.03	264	141487	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	433219	106.92	ng	-0.01
7) Phenol-d6	6.20	99	500200	101.86	ng	-0.03
23) Nitrobenzene-d5	7.12	82	320820	70.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	110107	89.11	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	554927	73.76	ng	-0.02
78) Terphenyl-d14	12.63	244	376231	66.14	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	144921	17.10	ng	98
70) Phenanthrene	11.07	178	22777	2.15	ng	97
74) Fluoranthene	12.26	202	37031	3.31	ng	96
77) Pyrene	12.48	202	34034m	3.54	ng	
80) Benzo(a)anthracene	13.67	228	17413	2.36	ng	95
82) Chrysene	13.71	228	15009m	2.16	ng	
89) Benzo(a)pyrene	14.99	252	16298	2.04	ng	94

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2A

Quant Time: Jun 28 06:16:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration



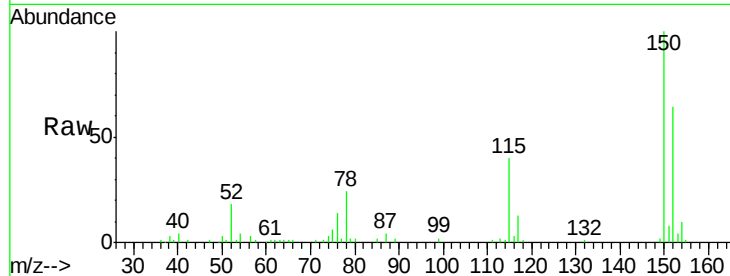


#1

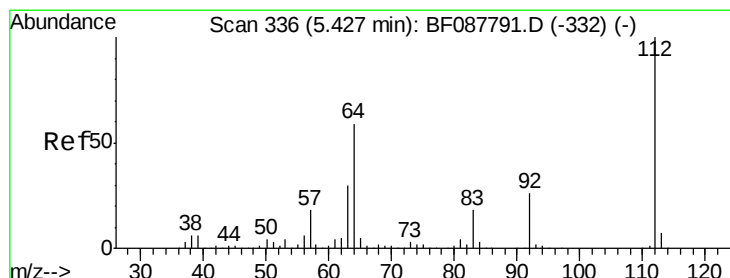
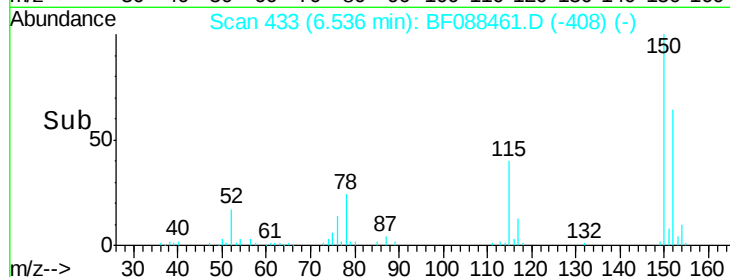
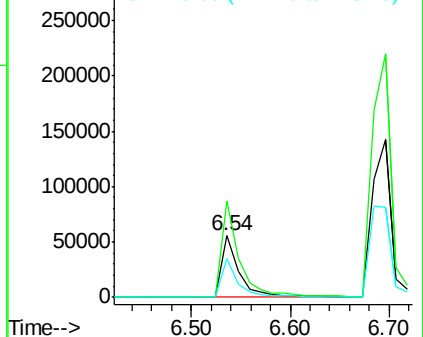
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF088461.D
Acq: 27 Jun 2016 19:56

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2A

Tot Ion:152 Resp: 69267
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.6
115 62.5 39.6 59.4#



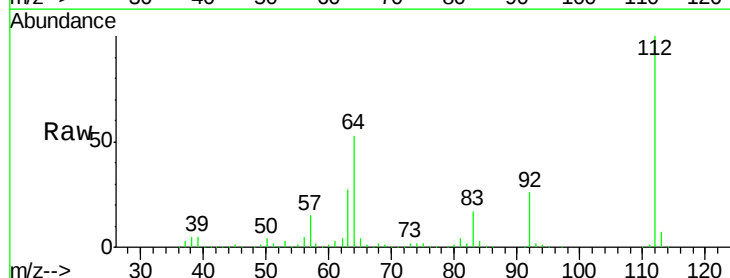
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



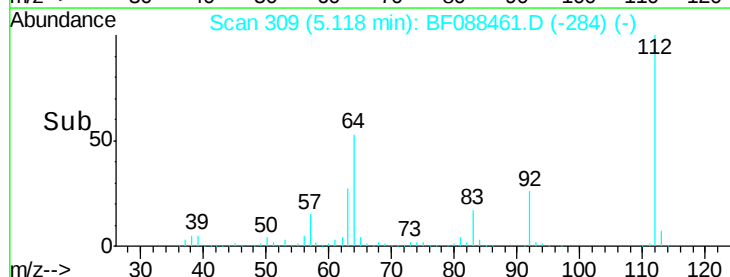
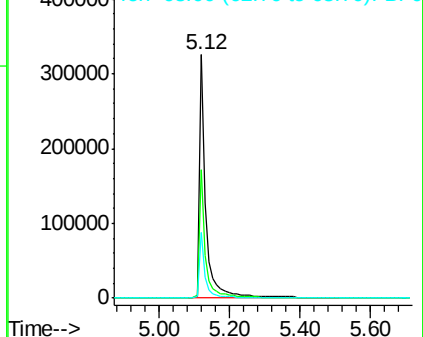
#5

2-Fluorophenol
Concen: 106.92 ng
RT: 5.12 min Scan# 309
Delta R.T. -0.01 min
Lab File: BF088461.D
Acq: 27 Jun 2016 19:56

Tgt Ion:112 Resp: 433219
Ion Ratio Lower Upper
112 100
64 52.8 42.2 63.2
63 26.9 21.8 32.8



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: 101.86 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2A

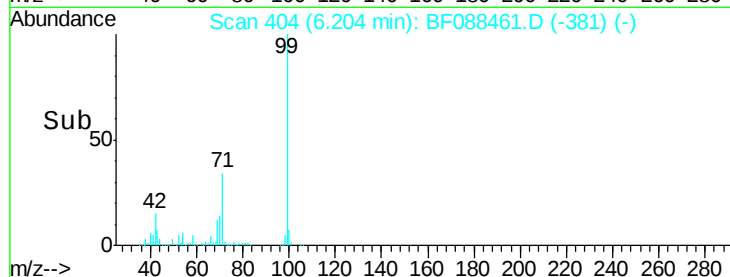
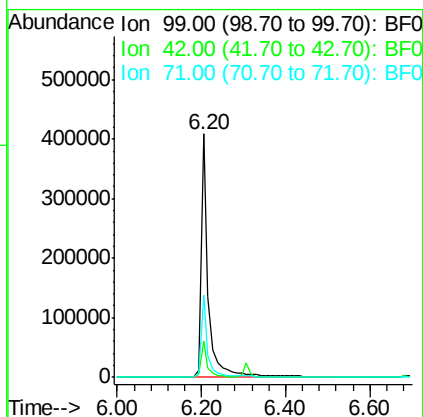
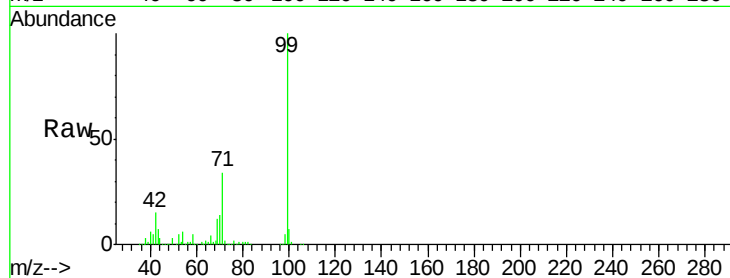
Tot Ion: 99 Resp: 500200

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

71 34.0 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

Tgt Ion: 136 Resp: 264933

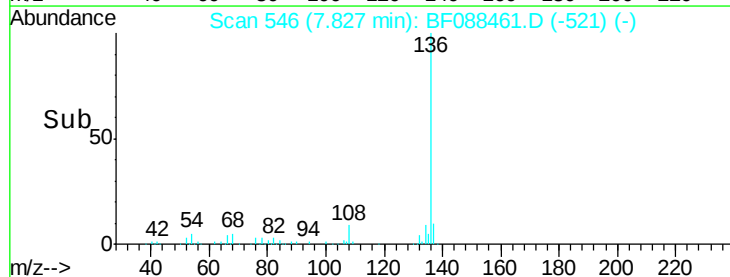
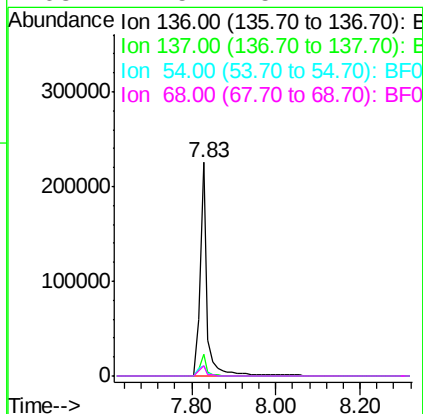
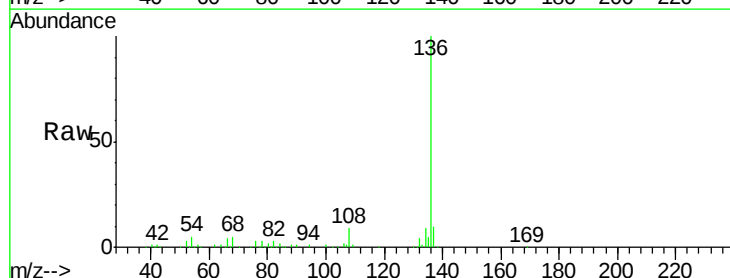
Ion Ratio Lower Upper

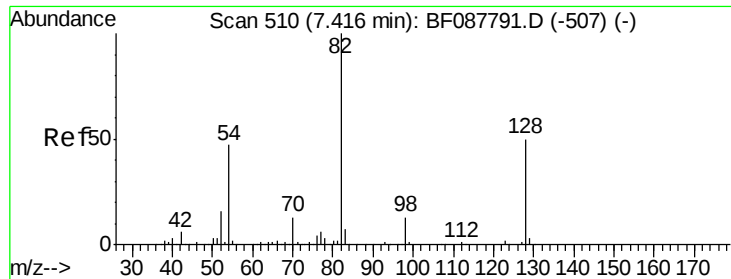
136 100

137 10.5 9.1 13.7

54 5.0 6.6 10.0#

68 4.5 5.1 7.7#

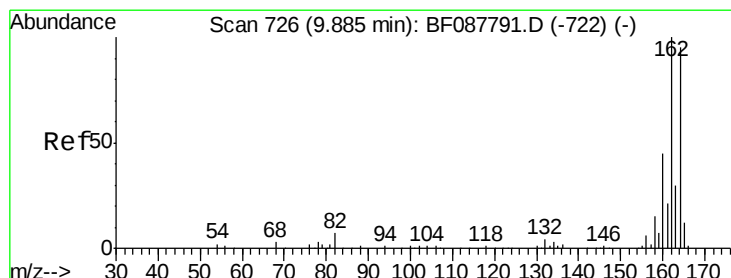
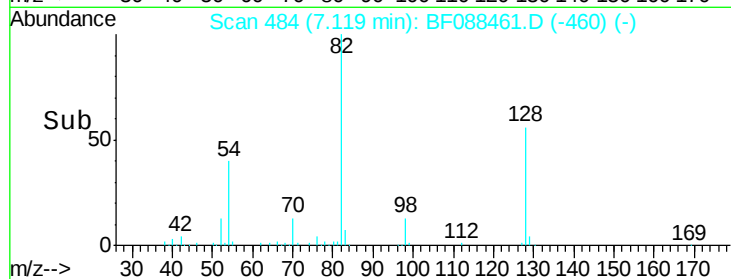
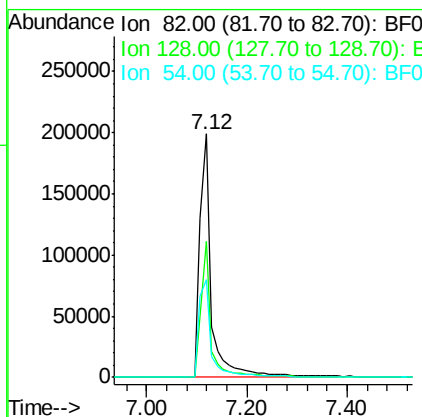
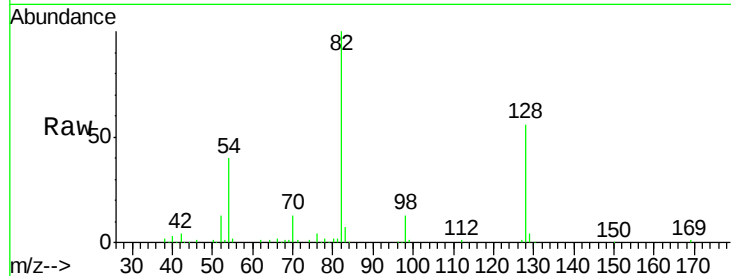




#23
 Nitrobenzene-d5
 Concen: 70.71 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF088461.D
 Acq: 27 Jun 2016 19:56

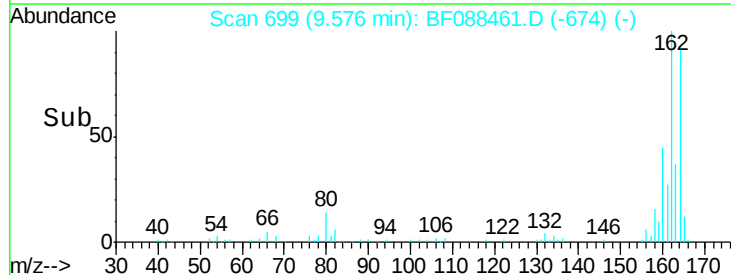
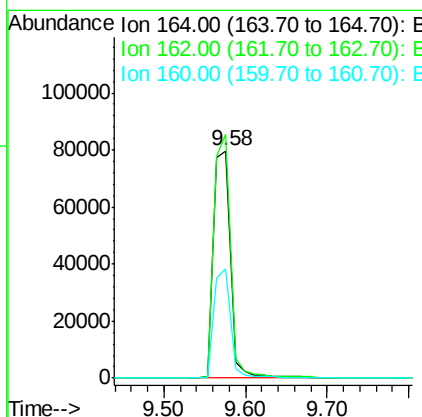
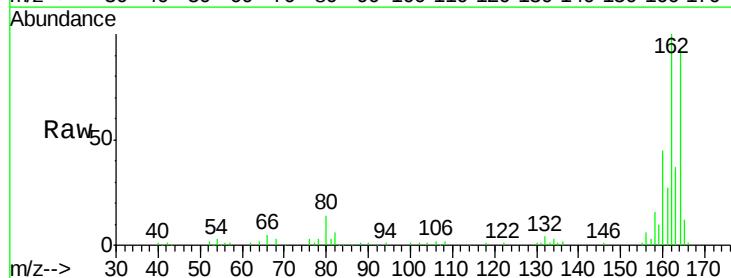
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2A

Tot Ion: 82 Resp: 320820
 Ion Ratio Lower Upper
 82 100
 128 55.7 35.9 53.9#
 54 40.1 40.9 61.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF088461.D
 Acq: 27 Jun 2016 19:56

Tgt Ion:164 Resp: 117029
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.4 128.2
 160 48.1 39.5 59.3

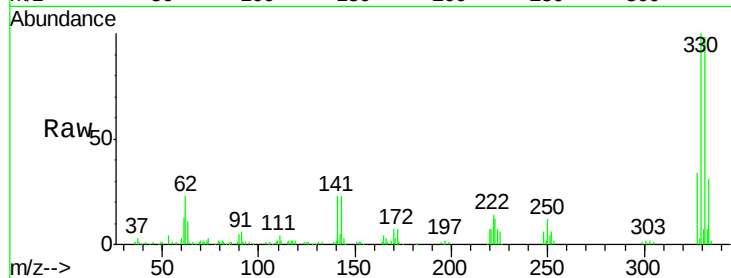




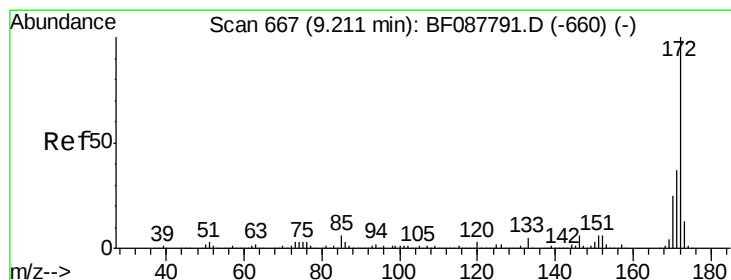
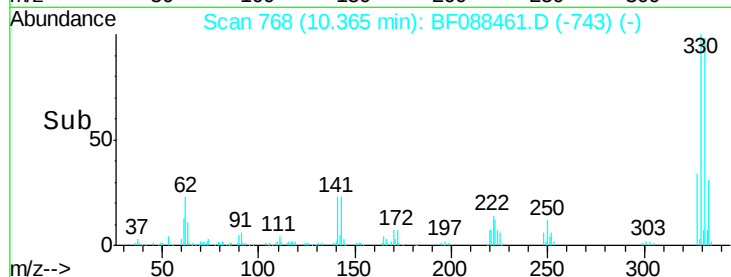
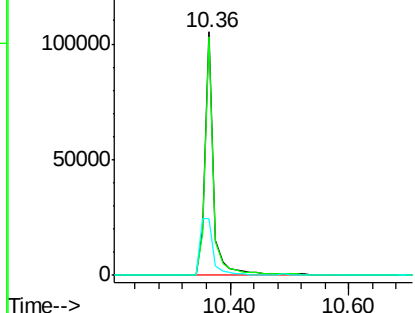
#41
 2,4,6-Tribromophenol
 Concen: 89.11 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088461.D
 Acq: 27 Jun 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	36.7	0.0	0.0#

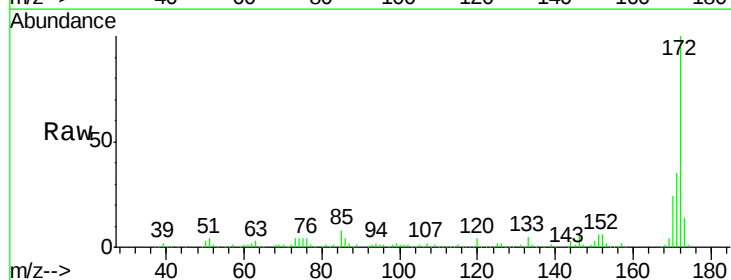


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

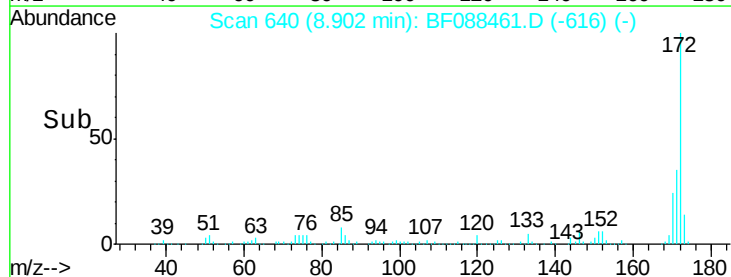
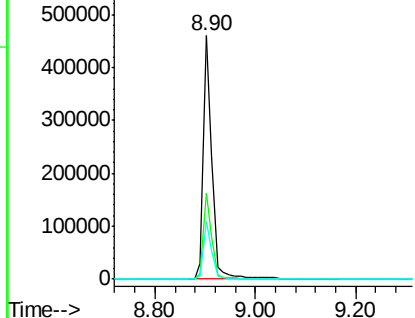


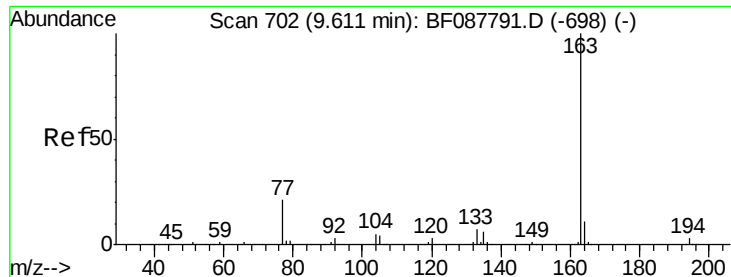
#44
 2-Fluorobiphenyl
 Concen: 73.76 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088461.D
 Acq: 27 Jun 2016 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.6	19.2	28.8



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: 17.10 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2A

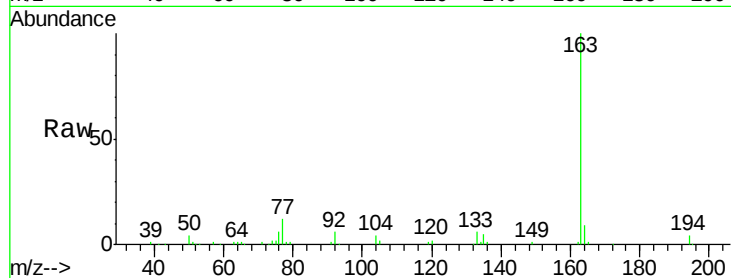
Tot Ion:163 Resp: 144921

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

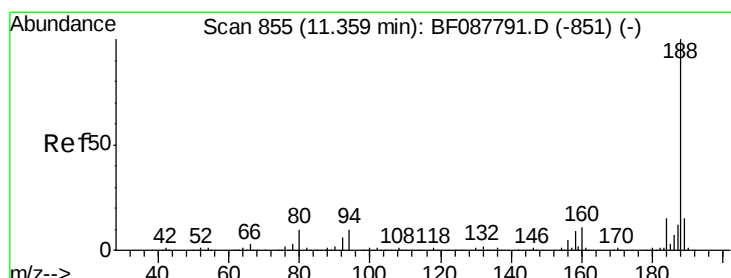
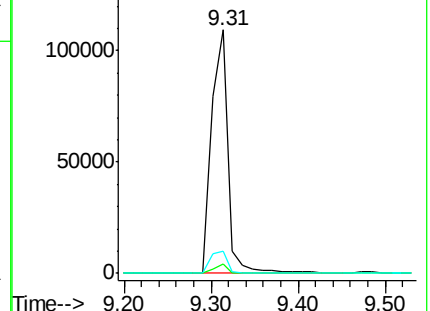
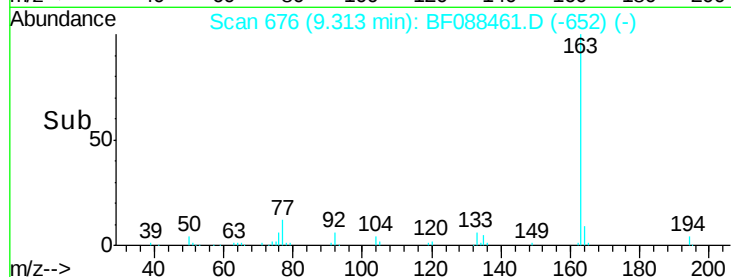
164 9.3 8.3 12.5



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. -0.01 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

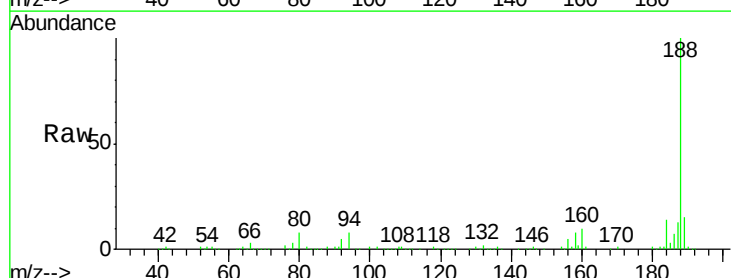
Tgt Ion:188 Resp: 202146

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.6#

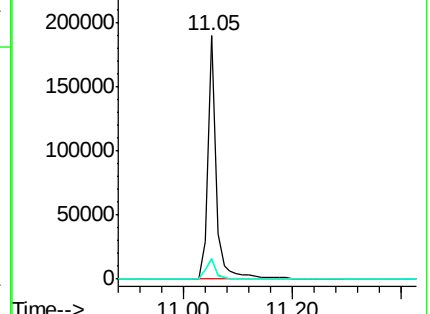
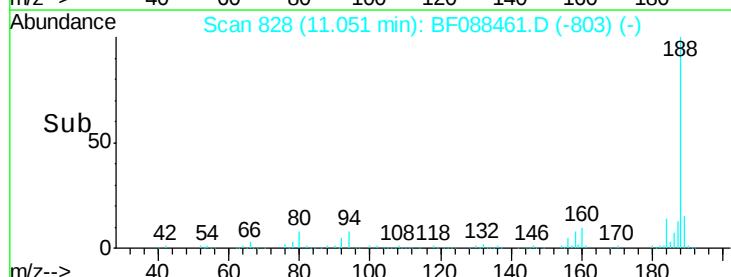
80 8.5 10.0 15.0#

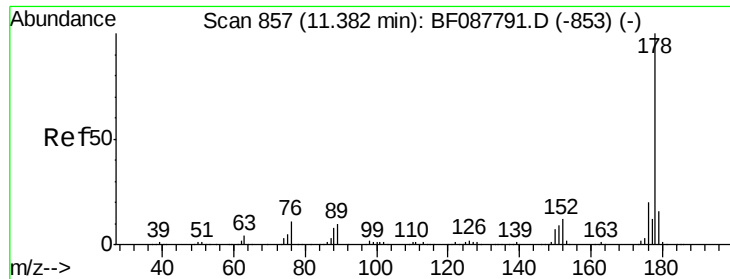


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

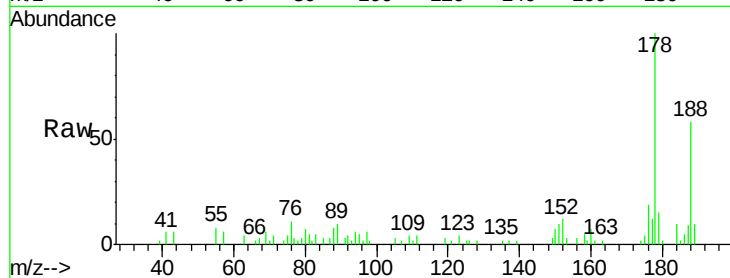




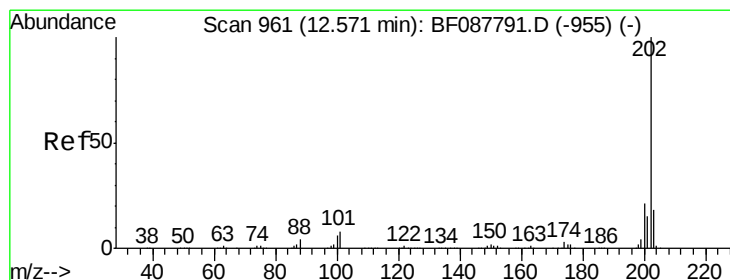
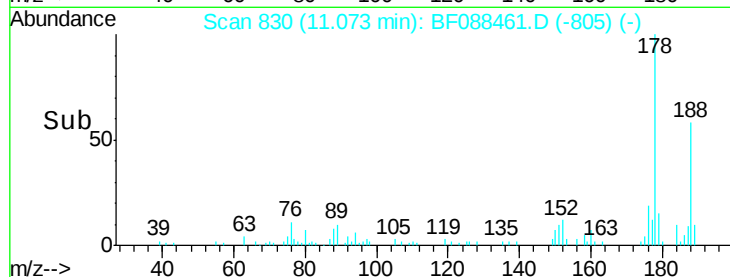
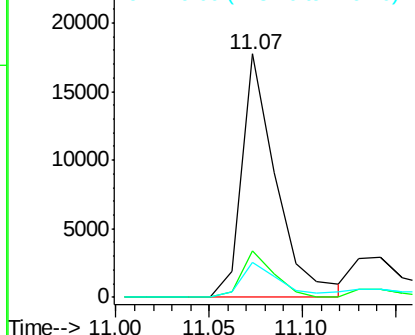
#70
Phenanthrene
Concen: 2.15 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF088461.D
Acq: 27 Jun 2016 19:56

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2A

Tot Ion:178 Resp: 22777
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 14.6 13.0 19.4

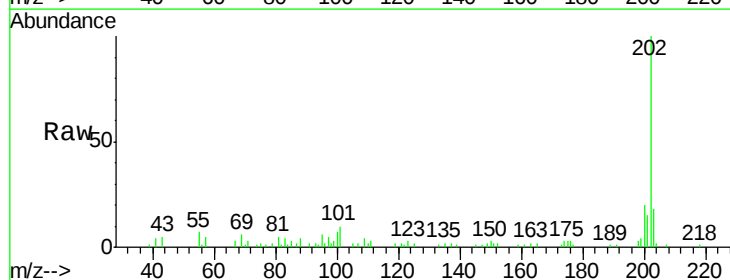


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

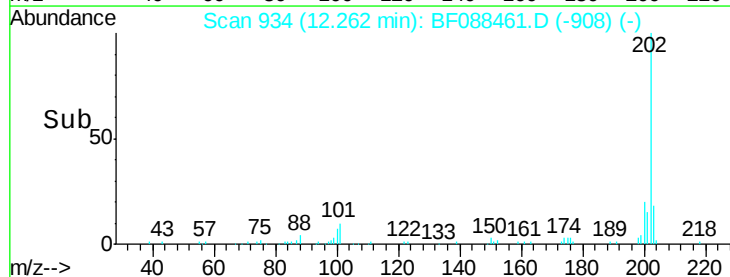
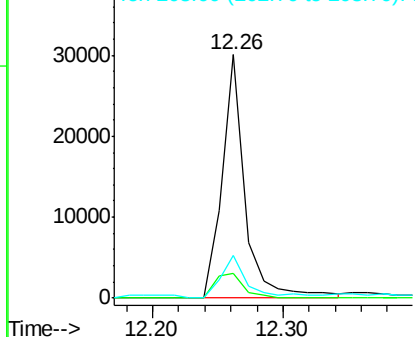


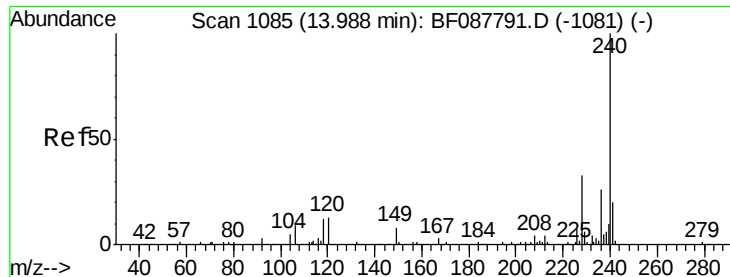
#74
Fluoranthene
Concen: 3.31 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF088461.D
Acq: 27 Jun 2016 19:56

Tgt Ion:202 Resp: 37031
Ion Ratio Lower Upper
202 100
101 10.1 0.0 33.1
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2A

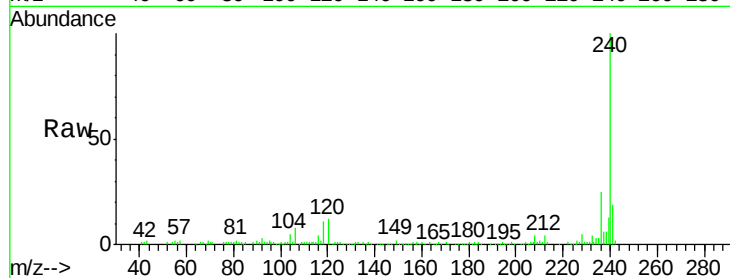
Tot Ion:240 Resp: 129446

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

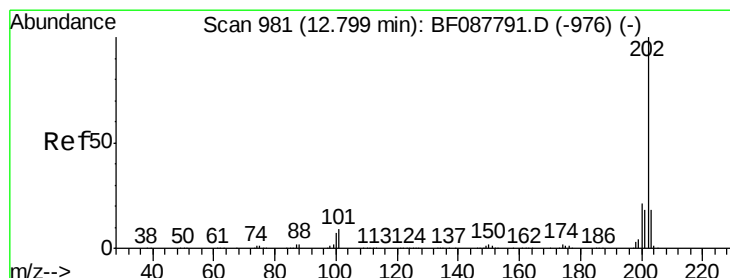
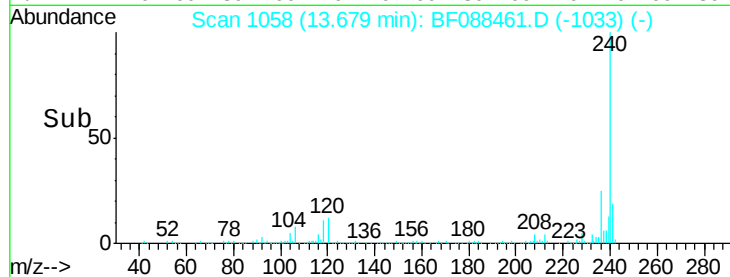
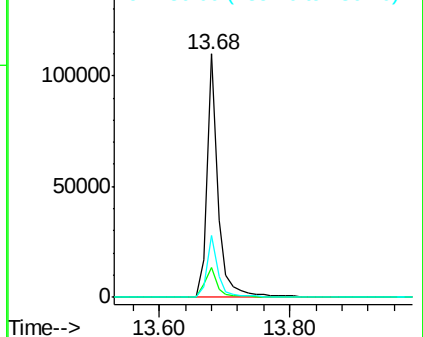
236 25.3 20.2 30.2



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



#77

Pyrene

Concen: 3.54 ng m

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

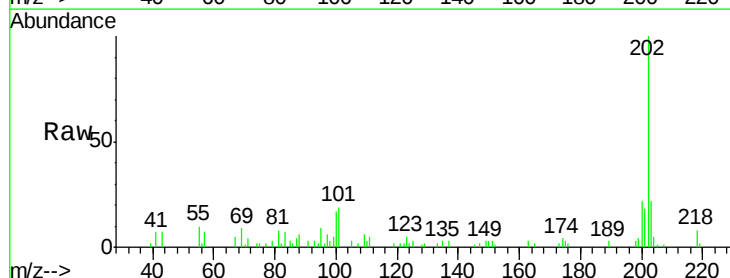
Tgt Ion:202 Resp: 34034

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

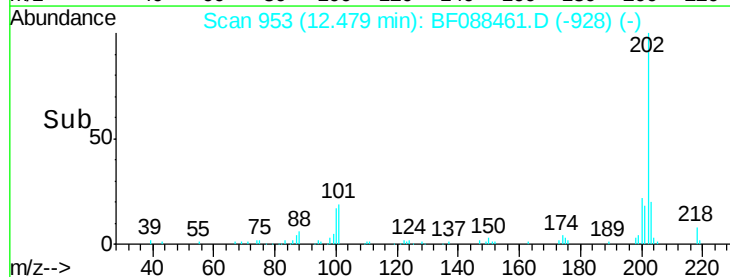
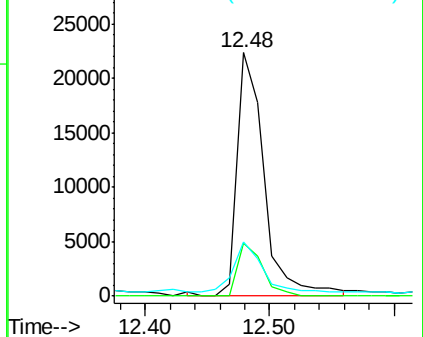
203 22.2 14.5 21.7#

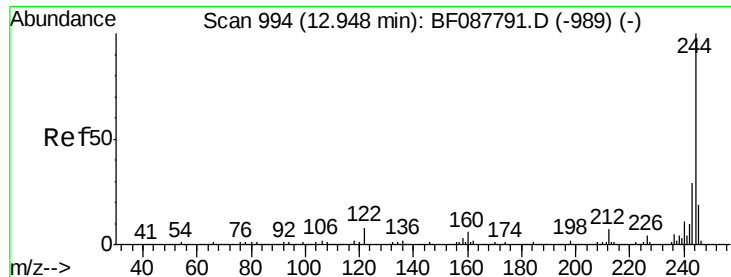


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

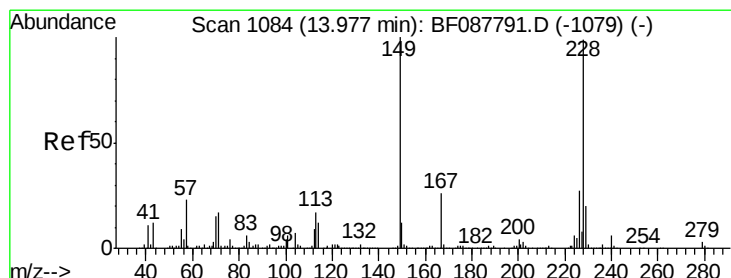
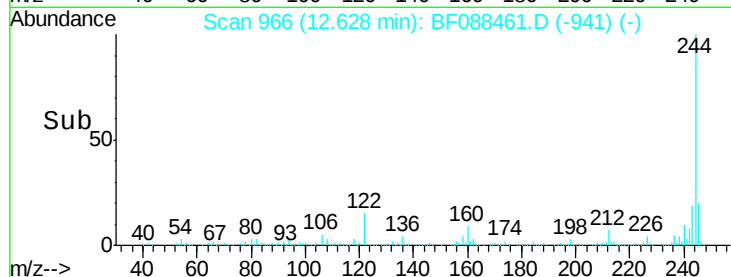
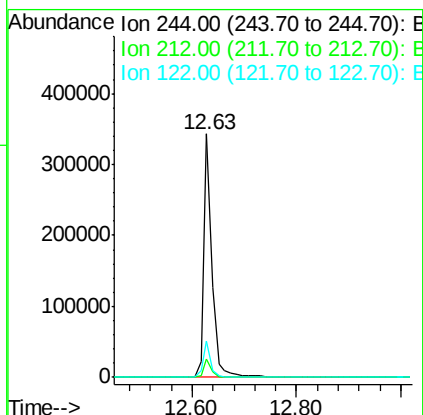
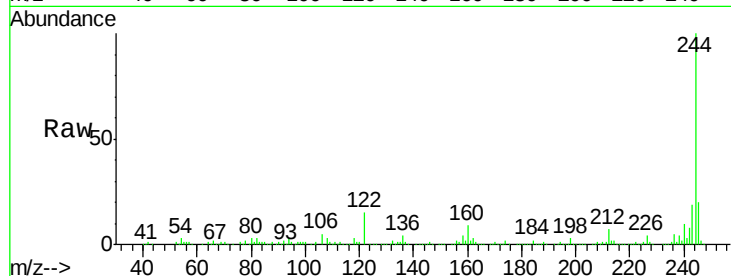




#78
 Terphenyl-d14
 Concen: 66.14 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF088461.D
 Acq: 27 Jun 2016 19:56

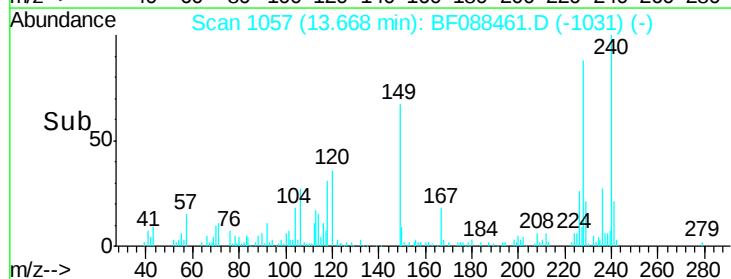
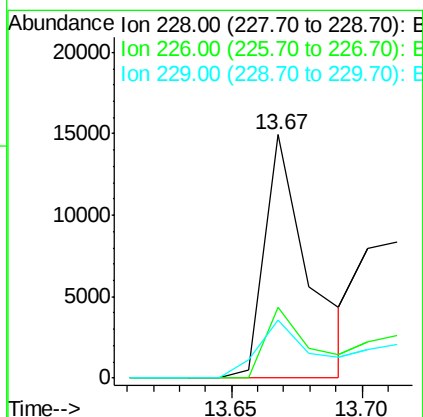
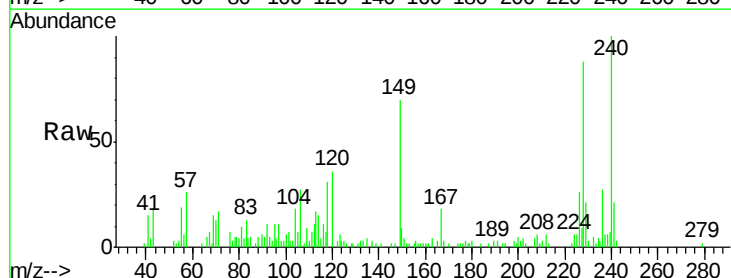
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2A

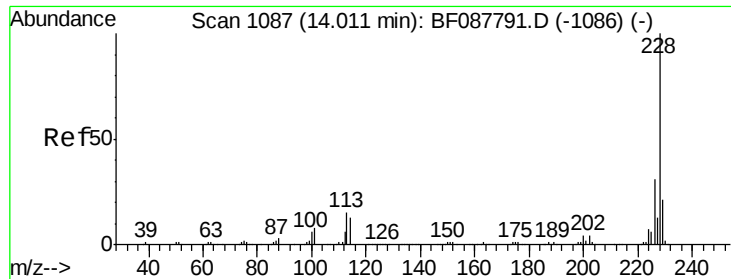
Tot Ion:244 Resp: 376231
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.8 11.2 16.8



#80
 Benzo(a)anthracene
 Concen: 2.36 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF088461.D
 Acq: 27 Jun 2016 19:56

Tgt Ion:228 Resp: 17413
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.3 33.5
 229 23.7 16.0 24.0





#82

Chrysene

Concen: 2.16 ng/mL

RT: 13.71 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2A

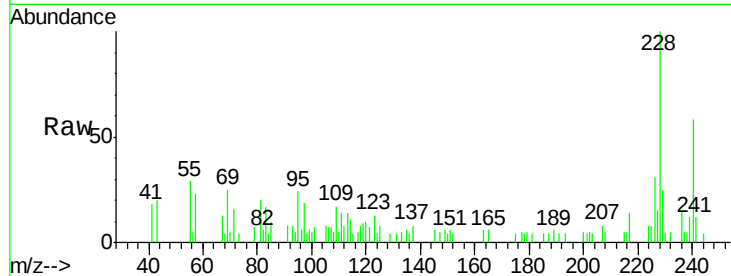
Tot Ion:228 Resp: 15009

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.2

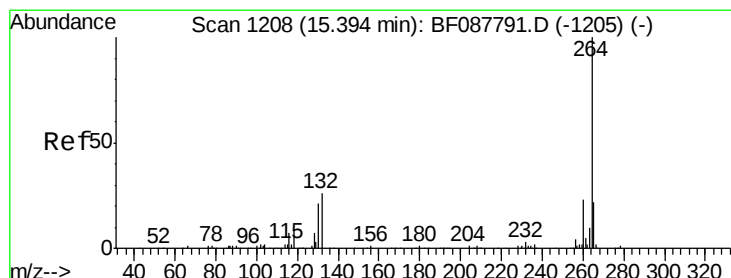
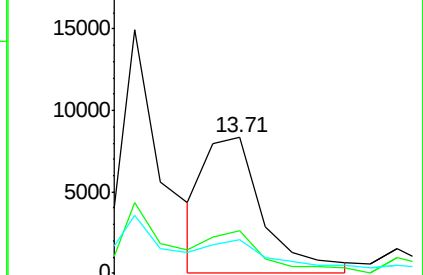
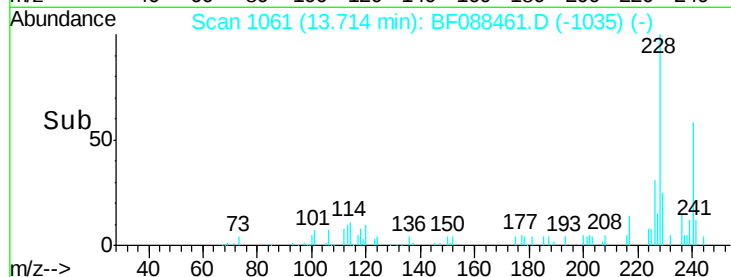
229 25.2 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

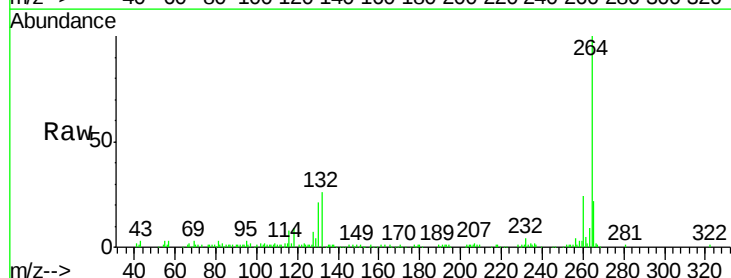
Tgt Ion:264 Resp: 141487

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

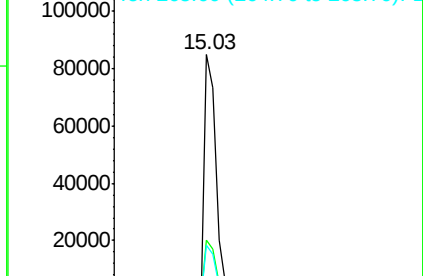
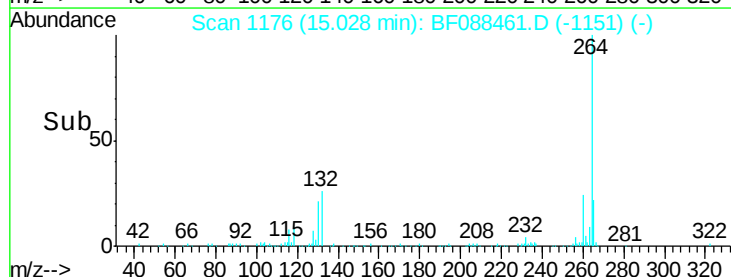
265 21.7 16.9 25.3

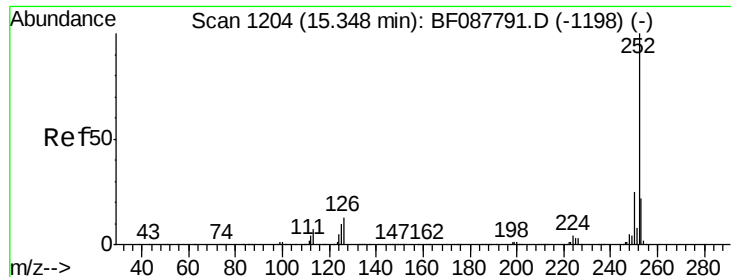


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 2.04 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF088461.D

Acq: 27 Jun 2016 19:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2A

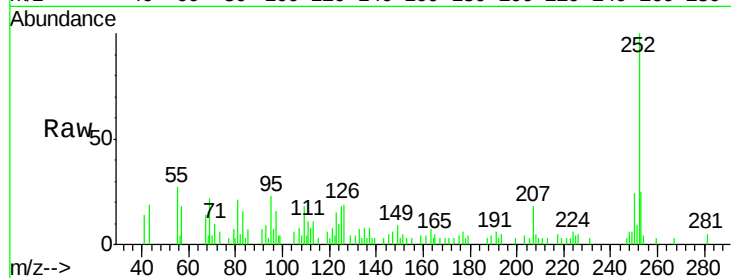
Tot Ion:252 Resp: 16298

Ion Ratio Lower Upper

252 100

253 25.0 17.9 26.9

125 18.2 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

