

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088264.D
 Acq On : 22 Jun 2016 22:14
 Operator : UM/SJ
 Sample : H3676-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCHC-011

Quant Time: Jun 23 04:08:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

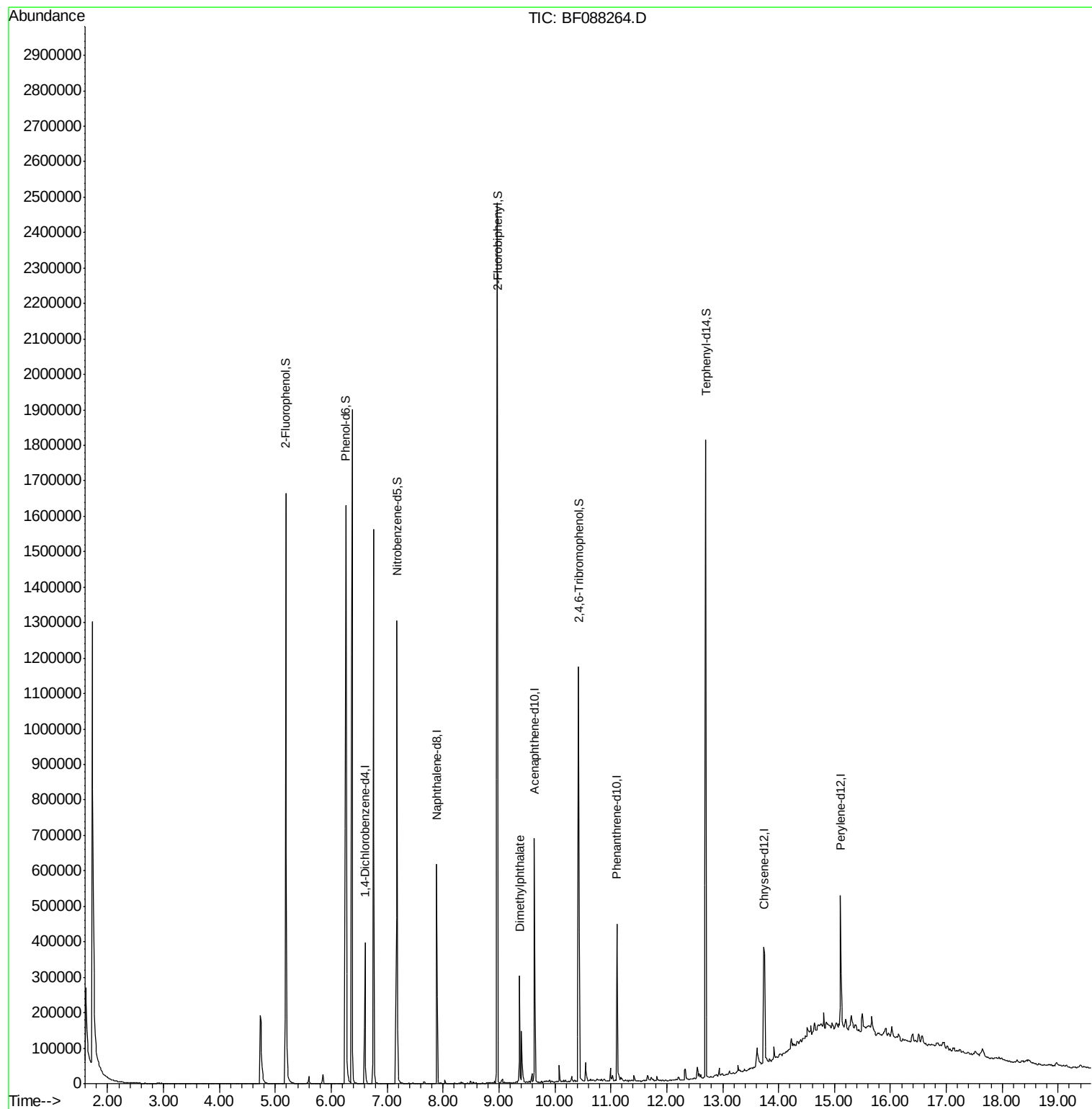
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	75223	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	315621	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	138134	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	231260	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	155582	20.00	ng	0.00
86) Perylene-d12	15.11	264	156606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	590107	134.11	ng	0.01
7) Phenol-d6	6.26	99	740009	138.77	ng	0.00
23) Nitrobenzene-d5	7.18	82	481826	89.14	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	155299	106.48	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	805065	92.01	ng	0.00
78) Terphenyl-d14	12.70	244	553531	80.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.37	163	124152	12.41	ng	Qvalue 99

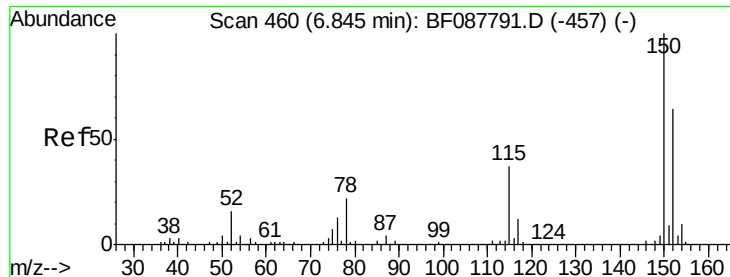
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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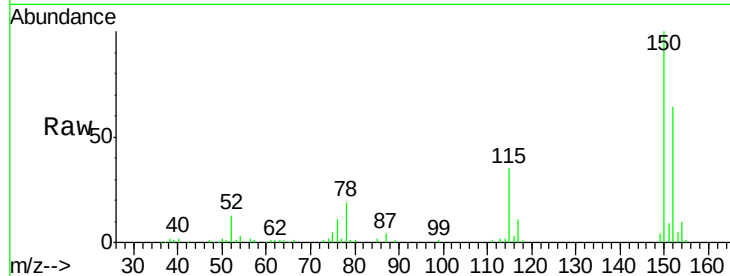


#1

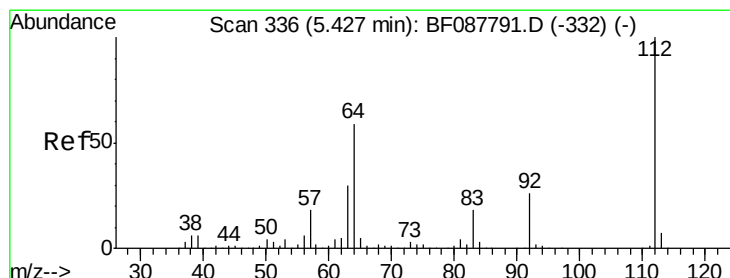
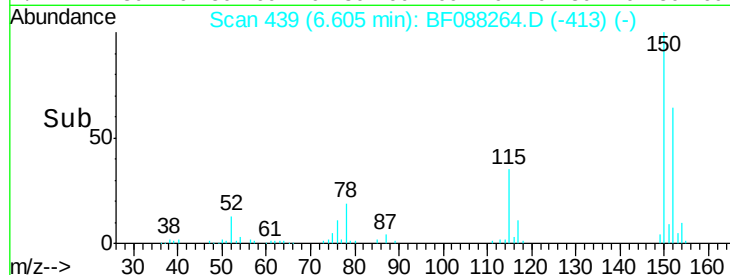
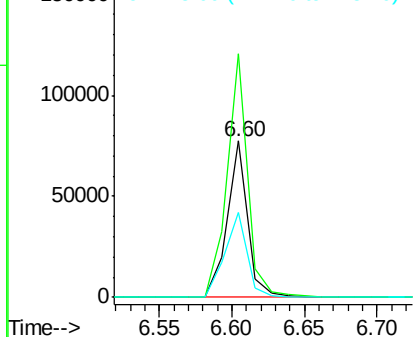
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088264.D
Acq: 22 Jun 2016 22:14

Instrument :
BNA_F
ClientSampleId :
NCHC-011

Tot Ion:152 Resp: 75223
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 53.8 39.6 59.4



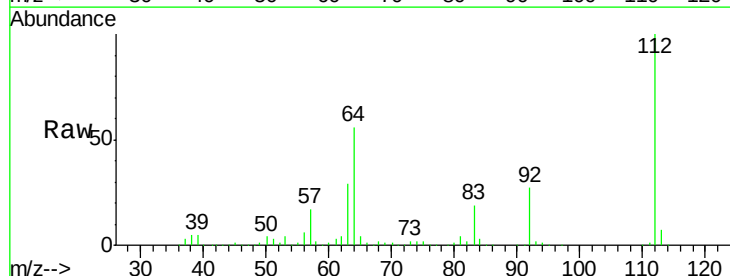
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



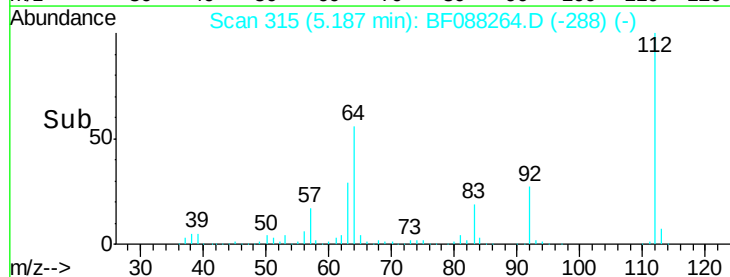
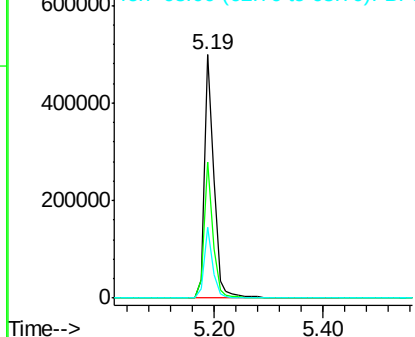
#5

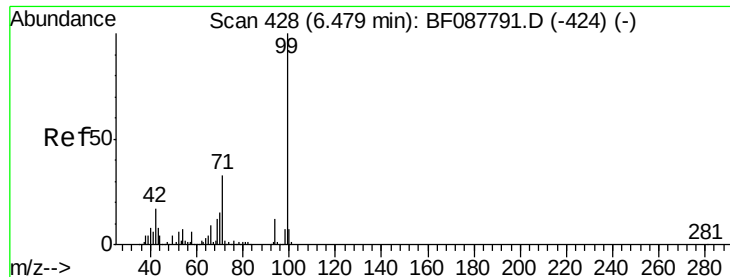
2-Fluorophenol
Concen: 134.11 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088264.D
Acq: 22 Jun 2016 22:14

Tgt Ion:112 Resp: 590107
Ion Ratio Lower Upper
112 100
64 55.9 42.2 63.2
63 28.9 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: 138.77 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088264.D

Acq: 22 Jun 2016 22:14

Instrument :

BNA_F

ClientSampleId :

NCHC-011

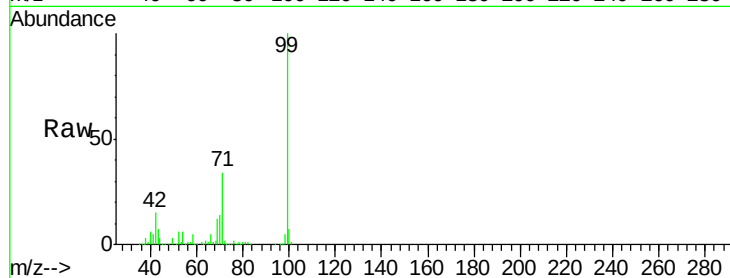
Tot Ion: 99 Resp: 740009

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 34.0 23.4 35.0



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

6.26

800000

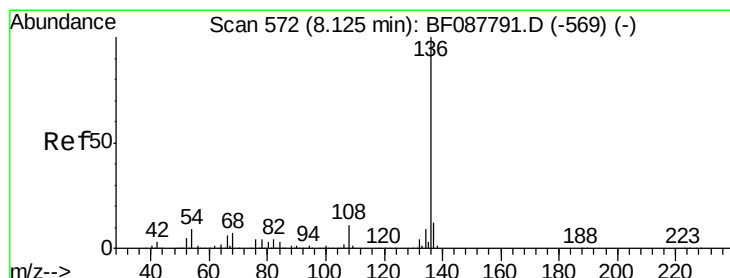
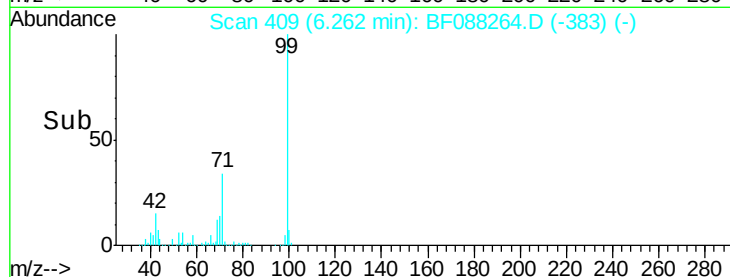
600000

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088264.D

Acq: 22 Jun 2016 22:14

Tgt Ion: 136 Resp: 315621

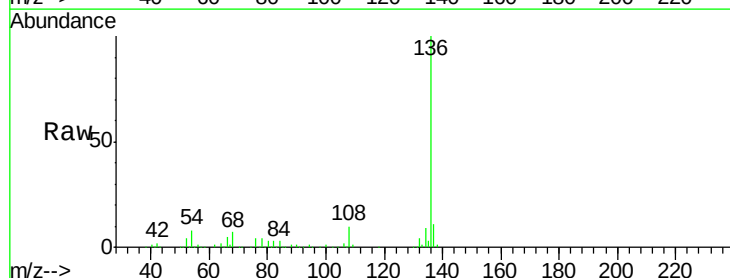
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.9 6.6 10.0

68 6.7 5.1 7.7



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

7.88

400000

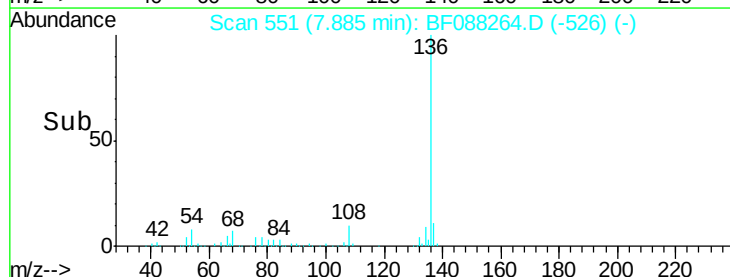
300000

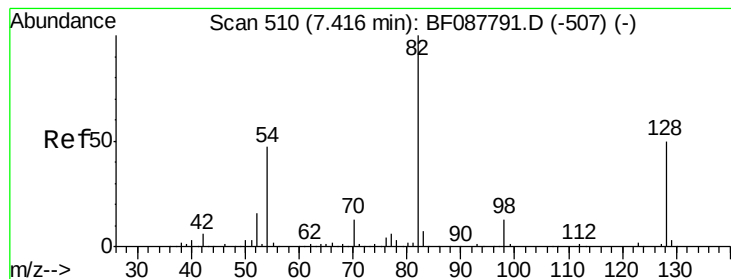
200000

100000

0

Time-->





#23

Nitrobenzene-d5

Concen: 89.14 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088264.D

Acq: 22 Jun 2016 22:14

Instrument :

BNA_F

ClientSampleId :

NCHC-011

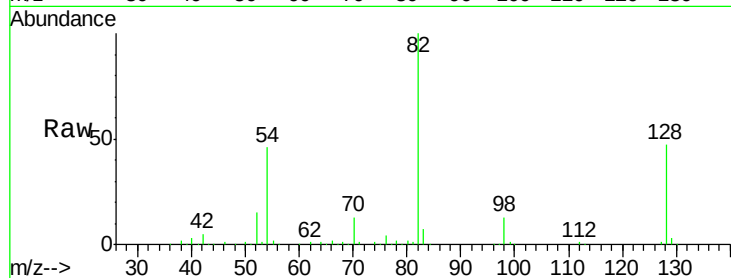
Tot Ion: 82 Resp: 481826

Ion Ratio Lower Upper

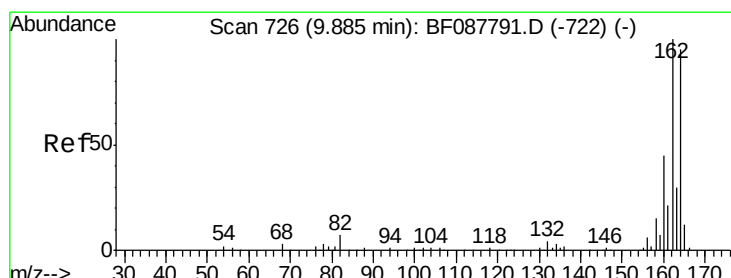
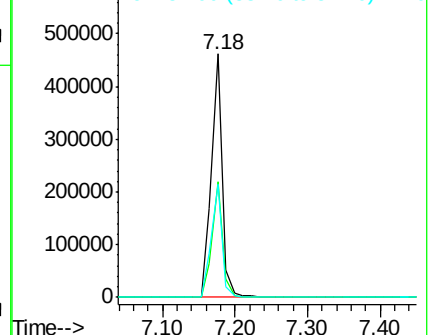
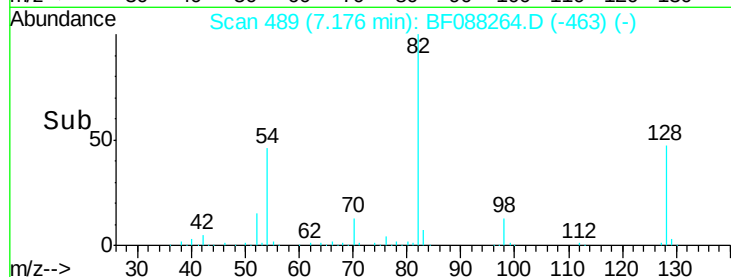
82 100

128 47.5 35.9 53.9

54 46.3 40.9 61.3



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: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088264.D

Acq: 22 Jun 2016 22:14

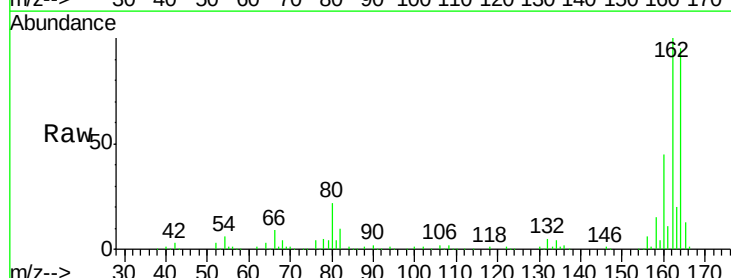
Tgt Ion:164 Resp: 138134

Ion Ratio Lower Upper

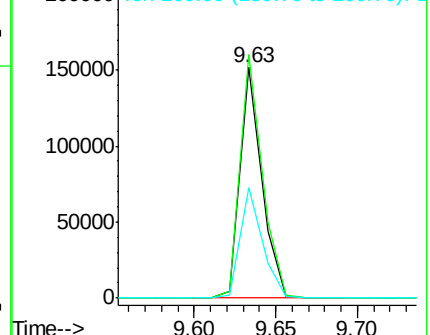
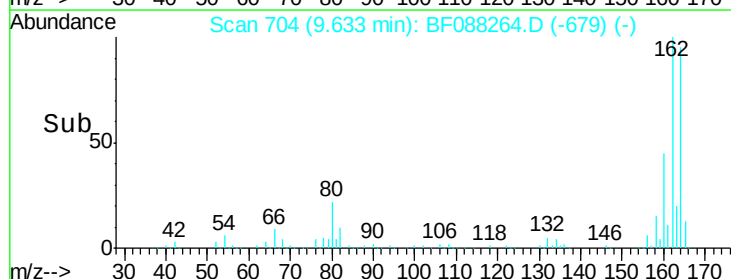
164 100

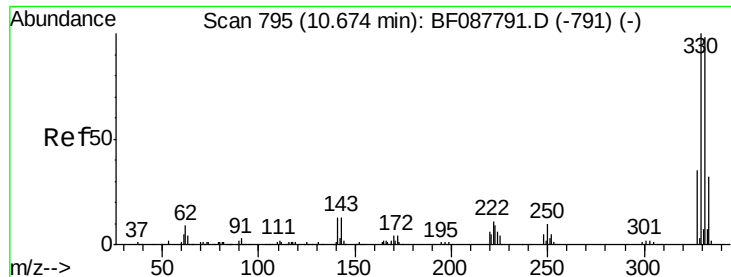
162 105.7 85.4 128.2

160 47.7 39.5 59.3



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

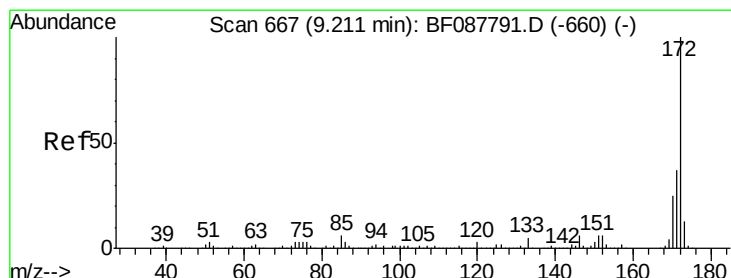
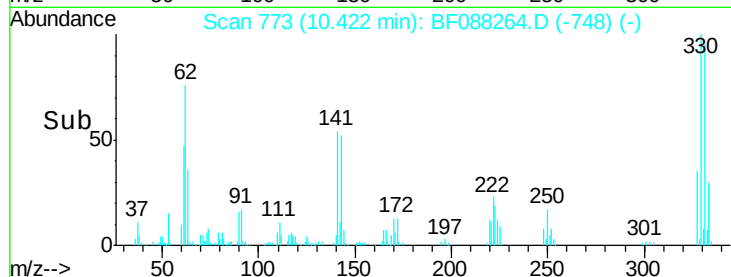
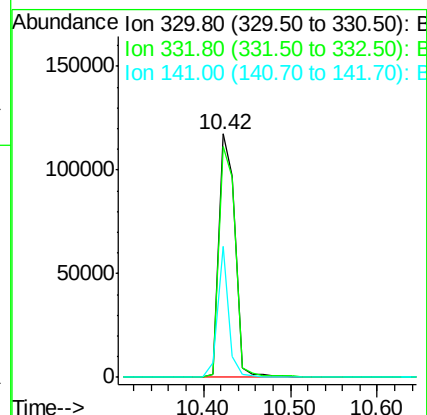
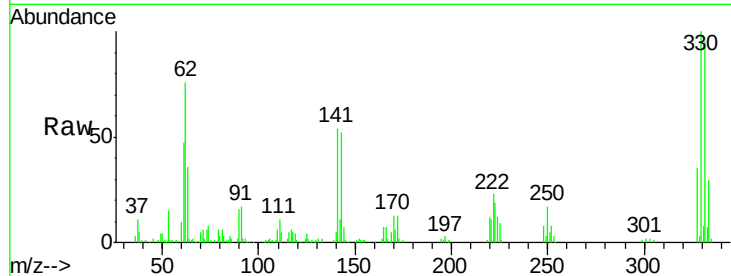




#41
 2,4,6-Tribromophenol
 Concen: 106.48 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088264.D
 Acq: 22 Jun 2016 22:14

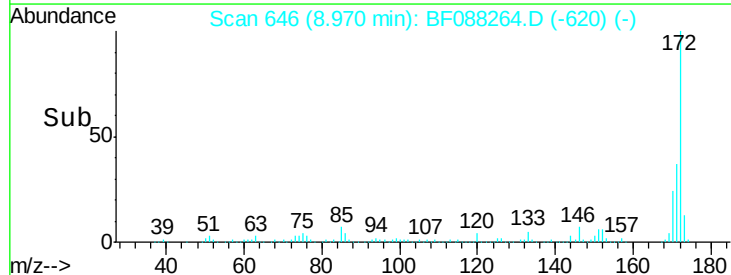
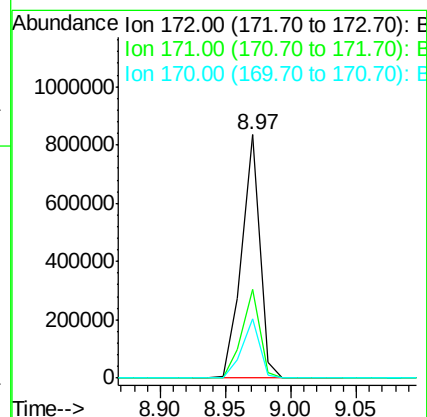
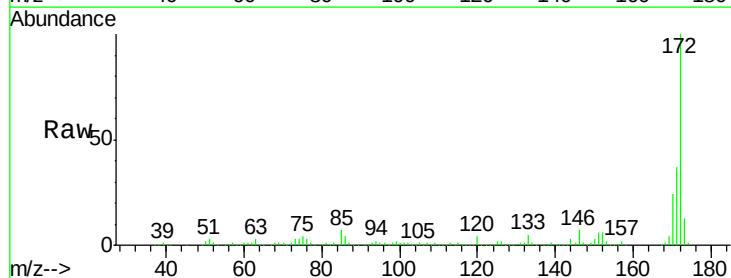
Instrument :
 BNA_F
 ClientSampleId :
 NCHC-011

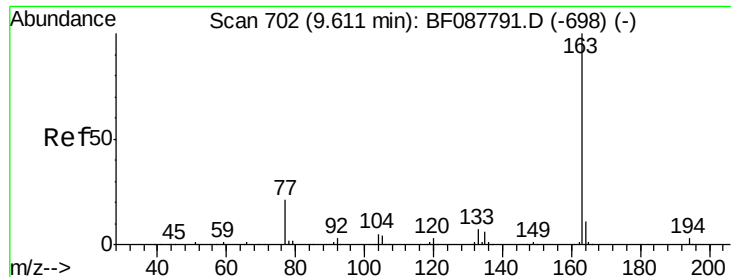
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	36.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 92.01 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088264.D
 Acq: 22 Jun 2016 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.4	19.2	28.8





#49

Dimethylphthalate

Concen: 12.41 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088264.D

Acq: 22 Jun 2016 22:14

Instrument :

BNA_F

ClientSampleId :

NCHC-011

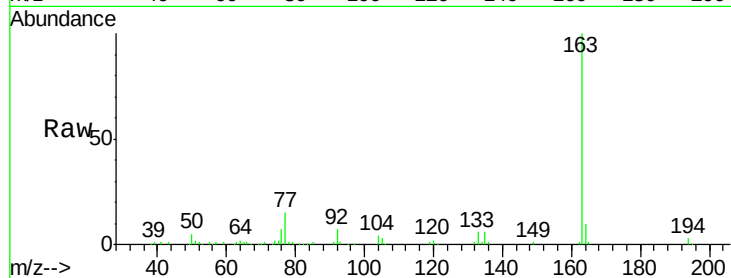
Tot Ion:163 Resp: 124152

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

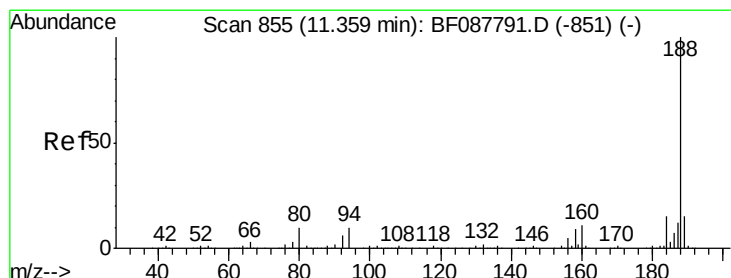
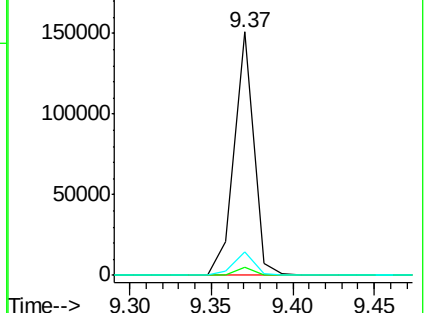
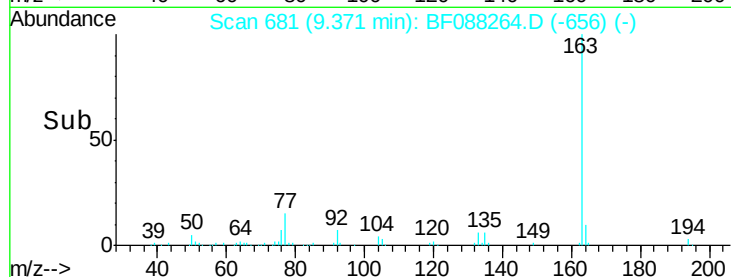
164 9.9 8.3 12.5



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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF088264.D

Acq: 22 Jun 2016 22:14

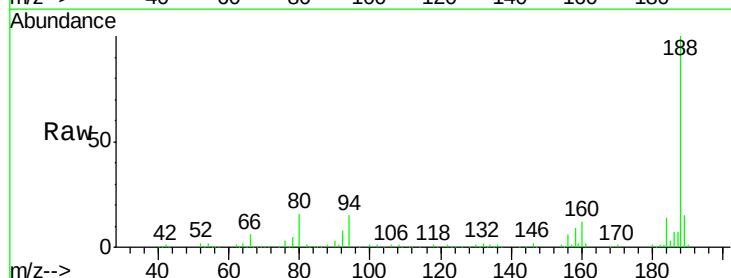
Tgt Ion:188 Resp: 231260

Ion Ratio Lower Upper

188 100

94 14.6 9.0 13.6#

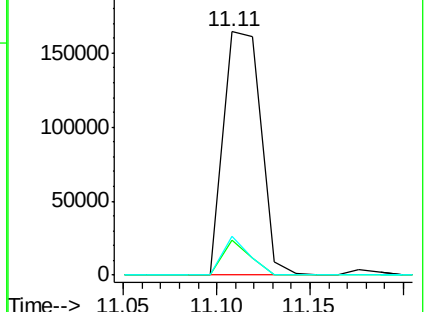
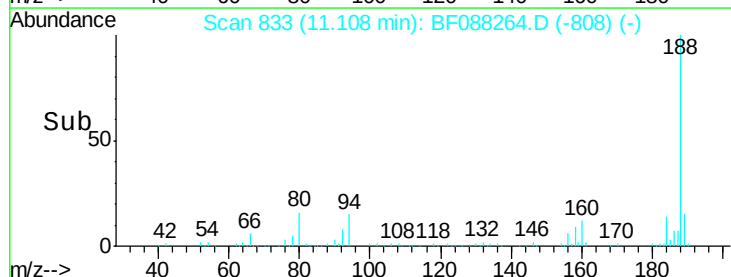
80 16.1 10.0 15.0#

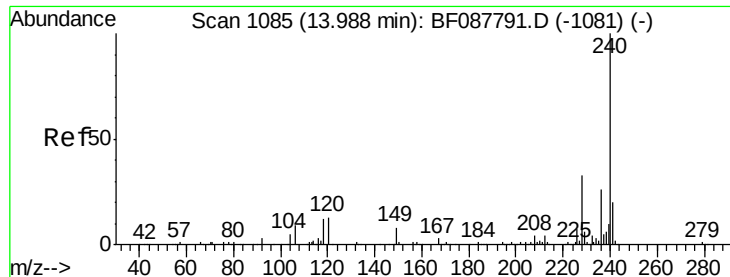


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088264.D

Acq: 22 Jun 2016 22:14

Instrument :

BNA_F

ClientSampleId :

NCHC-011

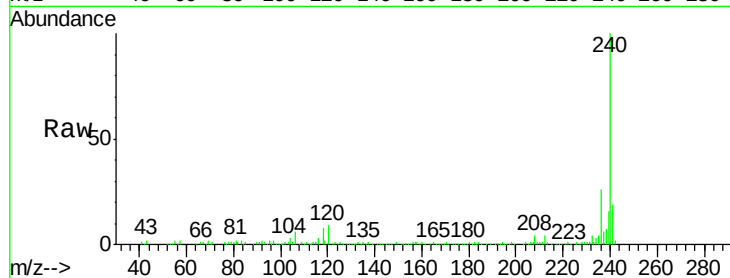
Tot Ion:240 Resp: 155582

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

236 25.8 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

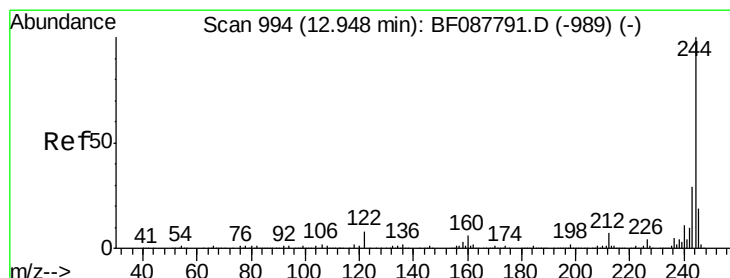
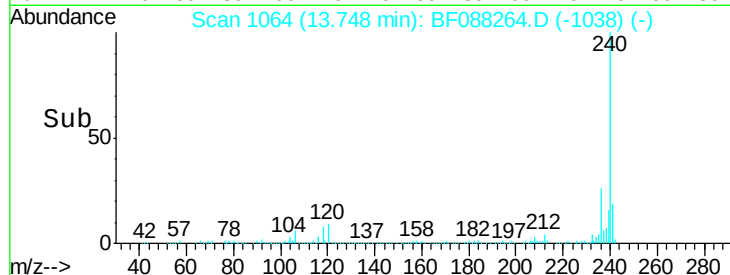
13.75

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 80.96 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088264.D

Acq: 22 Jun 2016 22:14

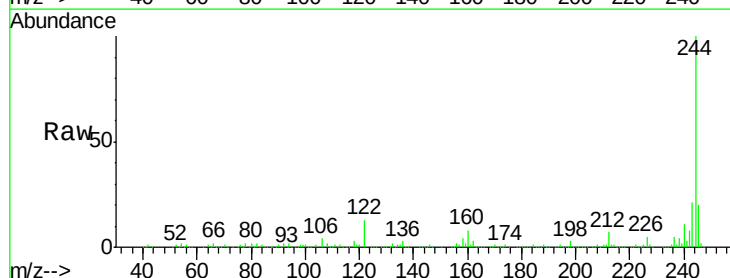
Tgt Ion:244 Resp: 553531

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.1 11.2 16.8



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

12.70

800000

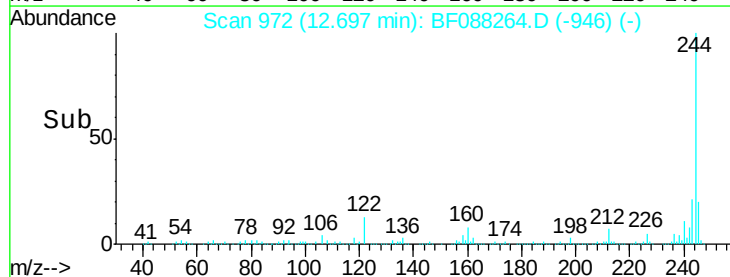
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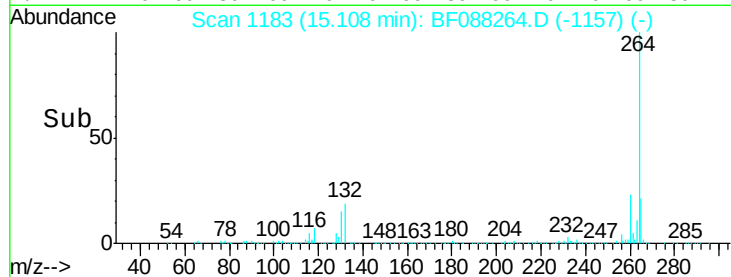
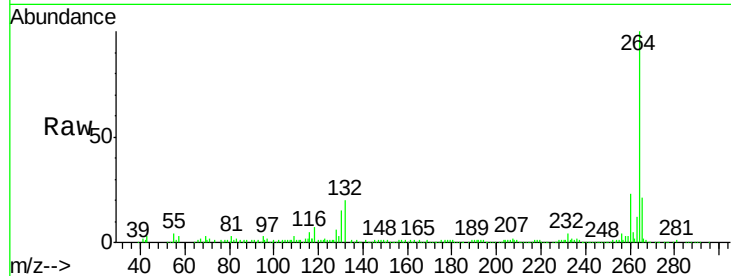
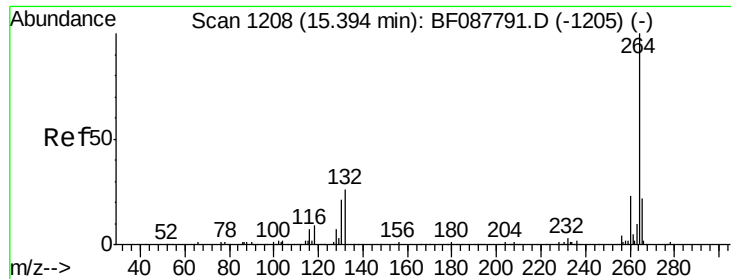
400000

200000

0

Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088264.D
 Acq: 22 Jun 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 NCHC-011

Tot Ion:	264	Resp:	156606
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	16.9	25.3

