

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088285.D
 Acq On : 23 Jun 2016 9:53
 Operator : UM/SJ
 Sample : H3084-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 LF016MW001-160512

Quant Time: Jun 23 14:14:05 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

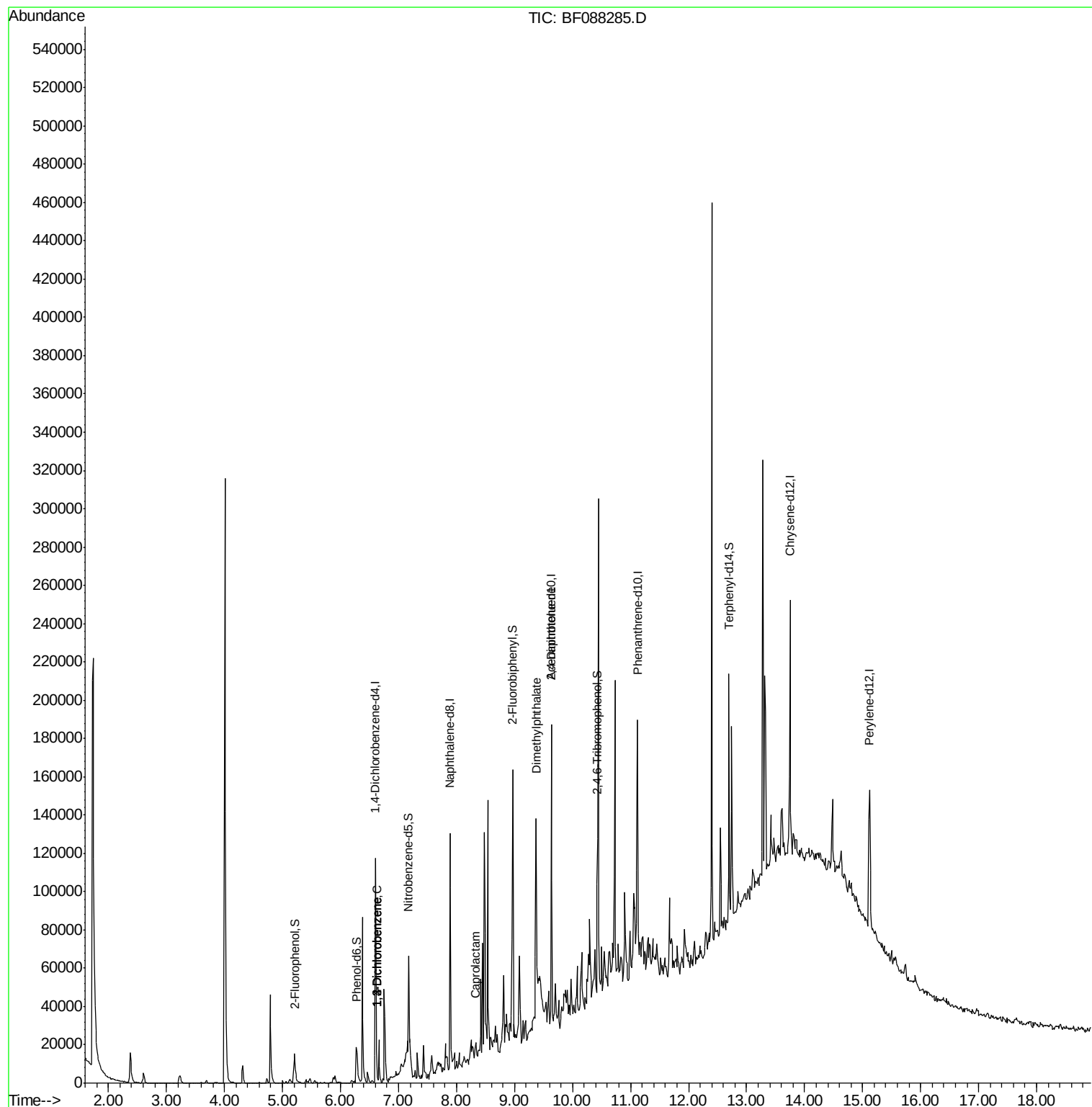
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	19363	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	77522	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	34250	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	48414	5.00	ng	0.00
75) Chrysene-d12	13.75	240	44047	5.00	ng	0.00
86) Perylene-d12	15.12	264	32226	5.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	13485	2.98	ng	0.03
7) Phenol-d6	6.27	99	13743	2.50	ng	0.01
23) Nitrobenzene-d5	7.18	82	19807	3.73	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	7999	5.53	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	46559	4.23	ng	0.00
78) Terphenyl-d14	12.70	244	36374	4.70	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.37	163	30219	3.05	ng	Qvalue 100

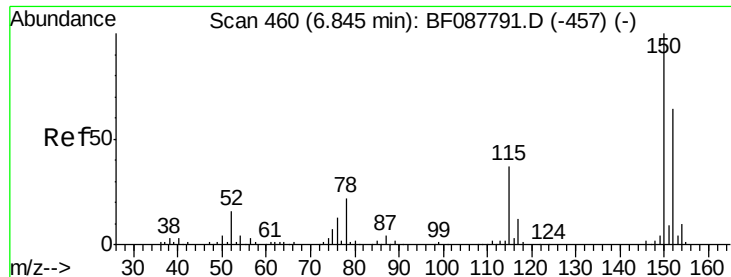
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088285.D

Acq: 23 Jun 2016 9:53

Instrument :

BNA_F

ClientSampleId :

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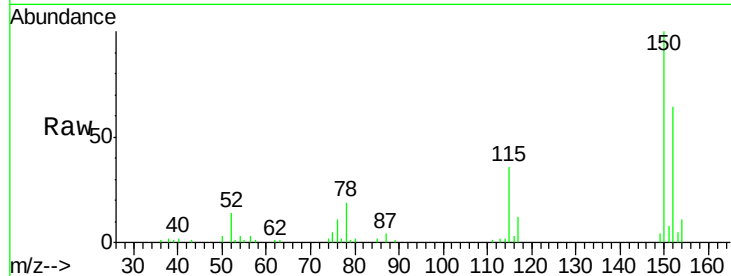
Tot Ion:152 Resp: 19363

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

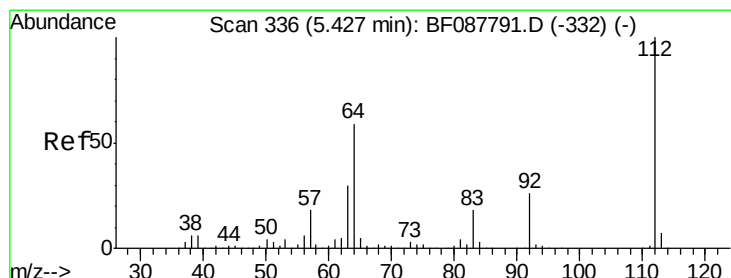
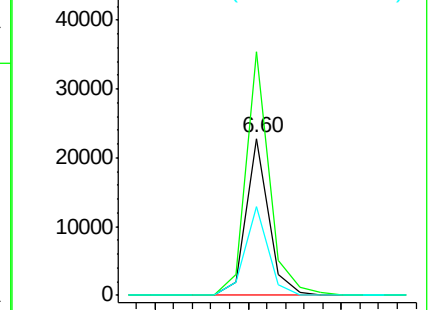
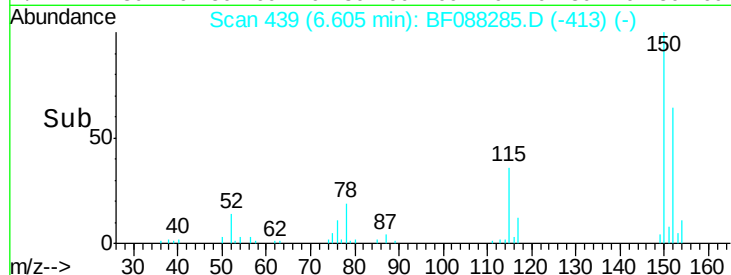
115 56.4 39.6 59.4



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: 2.98 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088285.D

Acq: 23 Jun 2016 9:53

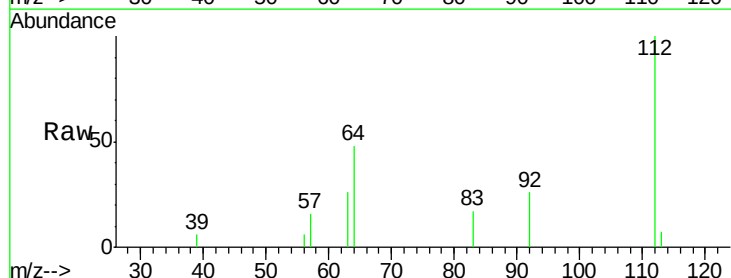
Tgt Ion:112 Resp: 13485

Ion Ratio Lower Upper

112 100

64 48.3 42.2 63.2

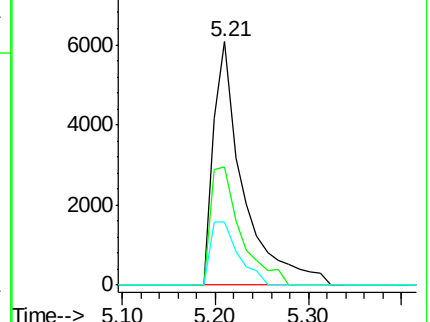
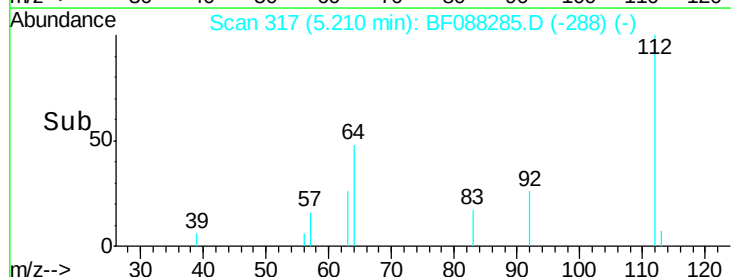
63 25.8 21.8 32.8

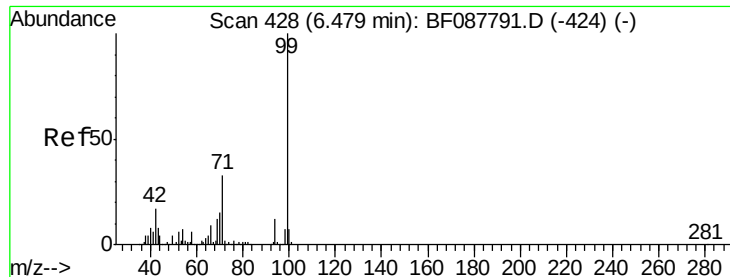


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.50 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088285.D

Acq: 23 Jun 2016 9:53

Instrument :

BNA_F

ClientSampleId :

LF016MW001-160512

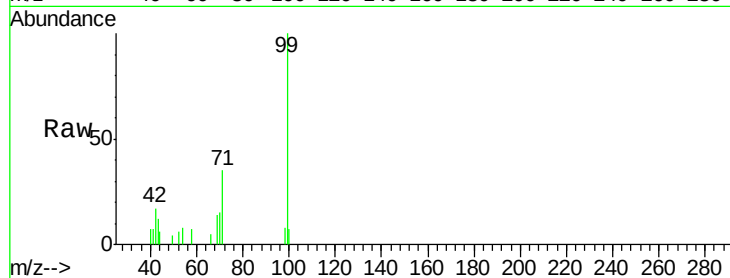
Tot Ion: 99 Resp: 13743

Ion Ratio Lower Upper

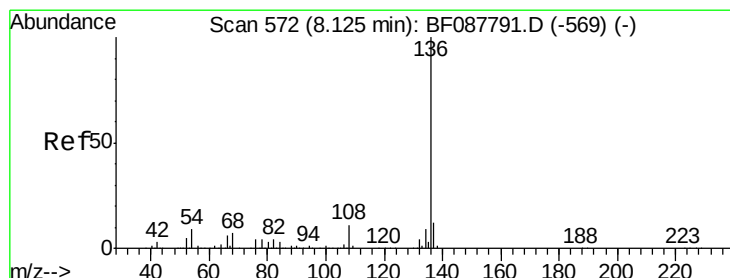
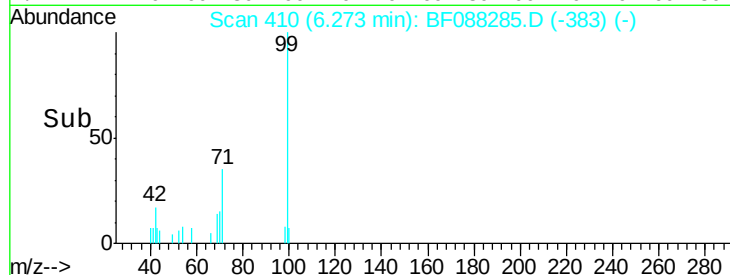
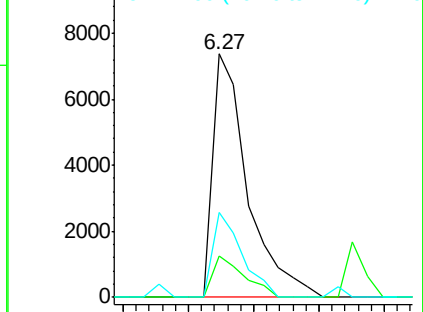
99 100

42 17.3 12.2 18.2

71 34.7 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



#21

Naphthalene-d8

Concen: 5.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088285.D

Acq: 23 Jun 2016 9:53

Tgt Ion: 136 Resp: 77522

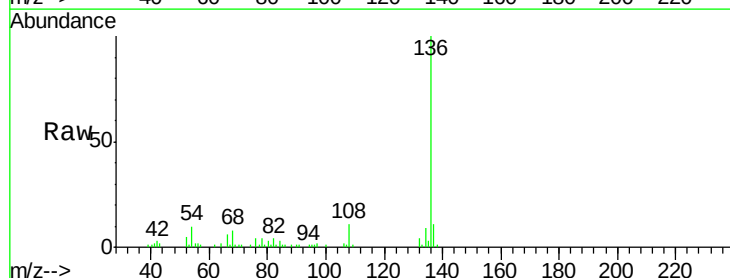
Ion Ratio Lower Upper

136 100

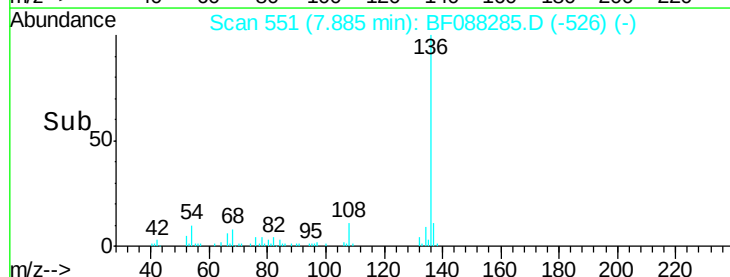
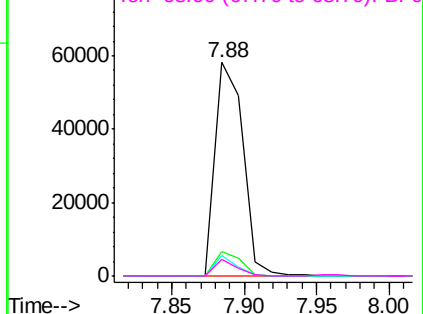
137 11.2 9.1 13.7

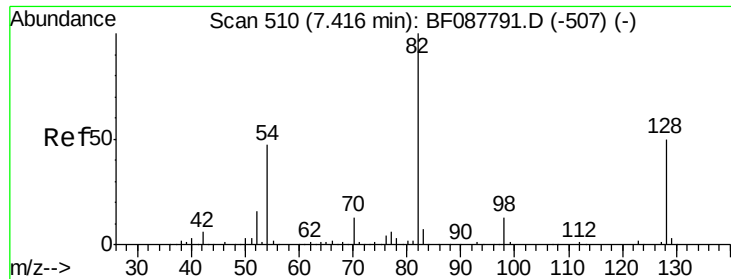
54 9.6 6.6 10.0

68 7.9 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

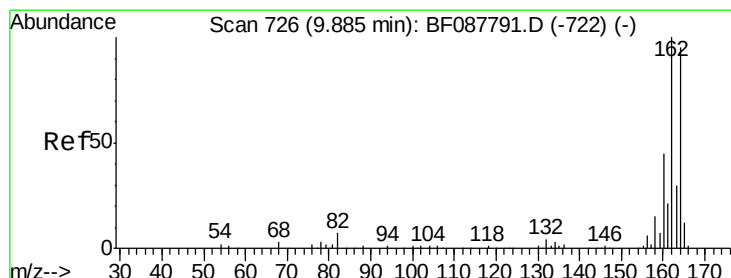
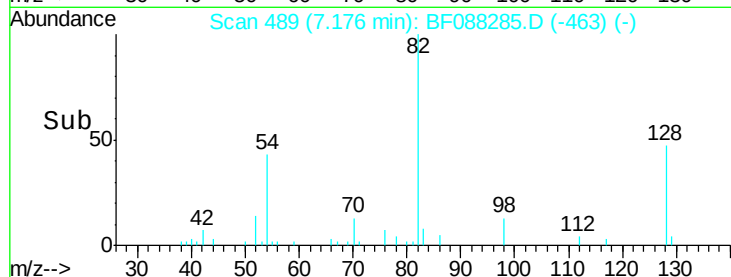
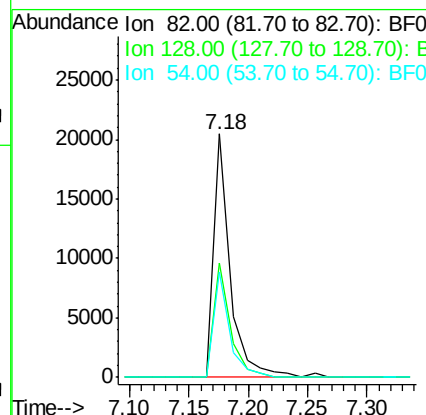
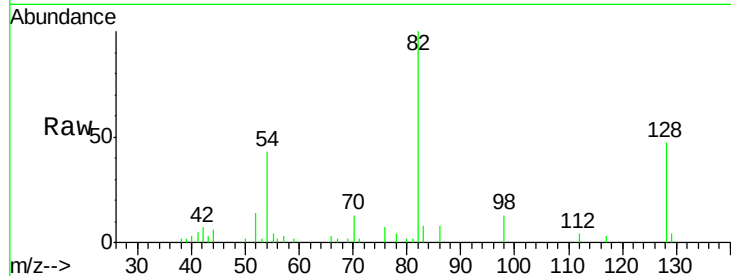




#23
 Nitrobenzene-d5
 Concen: 3.73 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088285.D
 Acq: 23 Jun 2016 9:53

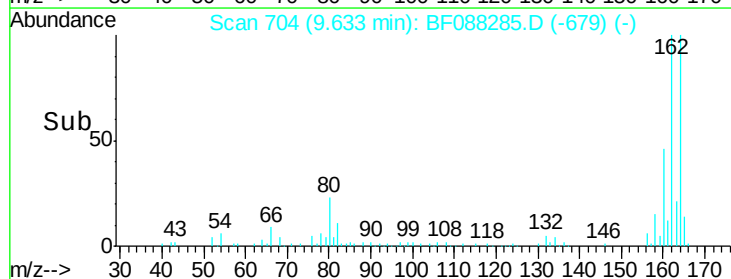
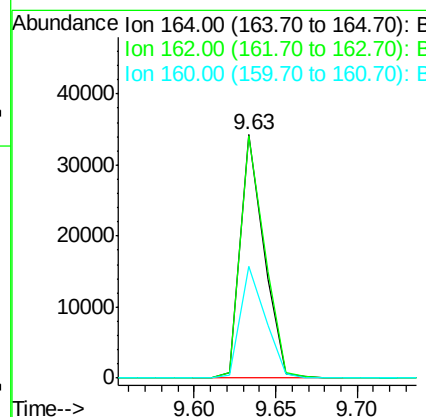
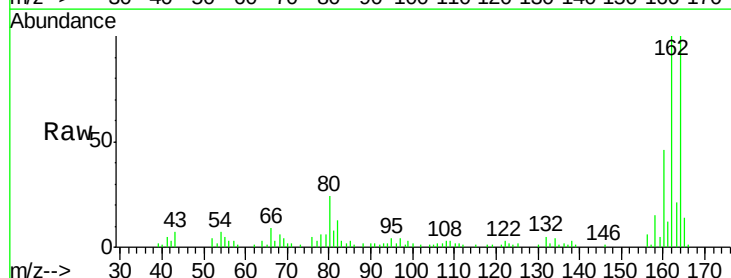
Instrument :
 BNA_F
 ClientSampleId :
 LF016MW001-160512

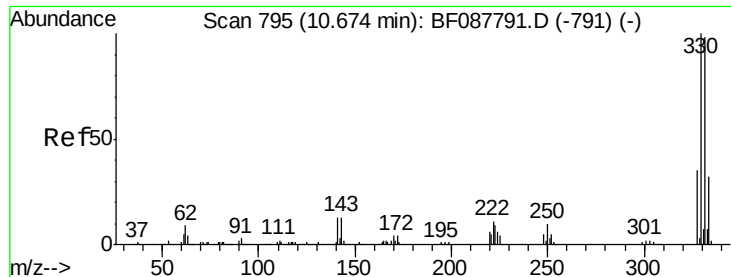
Tot Ion	82	Resp	19807
Ion Ratio	100	Lower	Upper
128	47.2	35.9	53.9
54	43.5	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088285.D
 Acq: 23 Jun 2016 9:53

Tgt Ion	164	Resp	34250
Ion Ratio	100	Lower	Upper
162	99.7	85.4	128.2
160	45.8	39.5	59.3

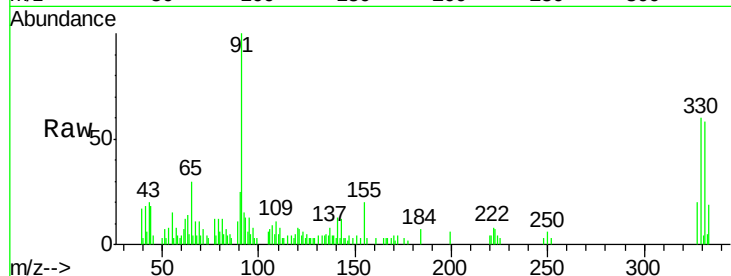




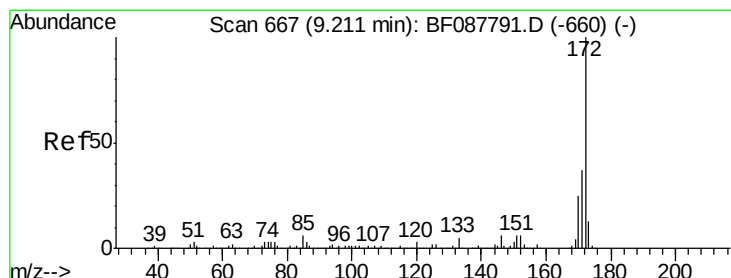
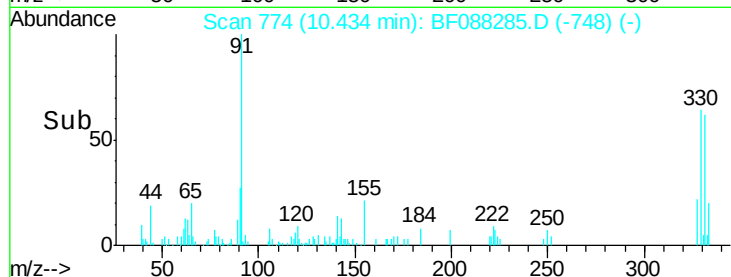
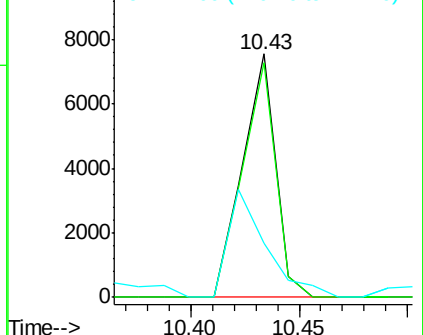
#41
 2,4,6-Tribromophenol
 Concen: 5.53 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088285.D
 Acq: 23 Jun 2016 9:53

Instrument :
 BNA_F
 ClientSampleId :
 LF016MW001-160512

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	50.7	0.0	0.0#

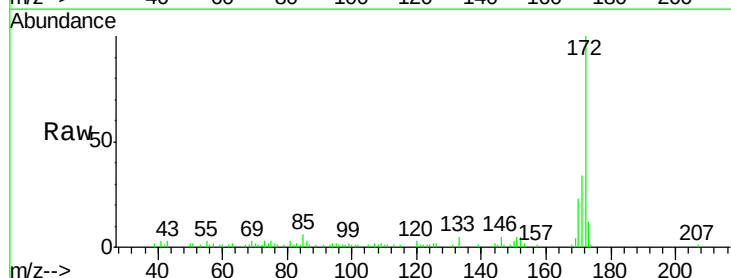


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

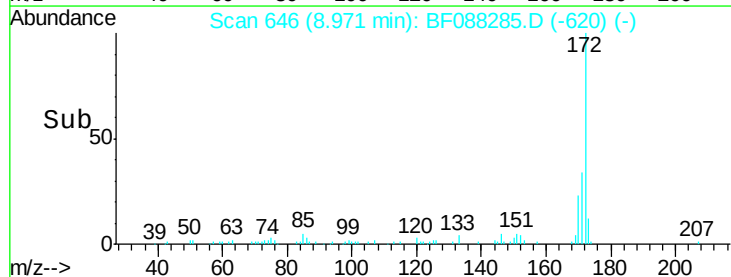
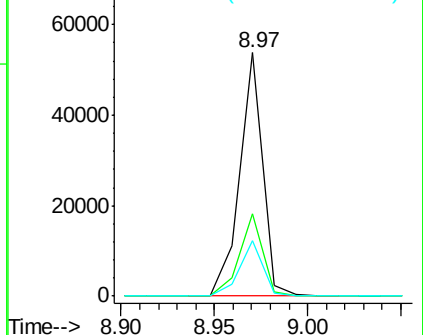


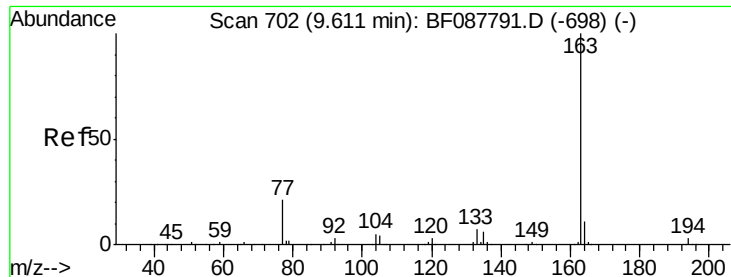
#44
 2-Fluorobiphenyl
 Concen: 4.23 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088285.D
 Acq: 23 Jun 2016 9:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.6	43.0
170	23.0	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: 3.05 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088285.D

Acq: 23 Jun 2016 9:53

Instrument :

BNA_F

ClientSampleId :

LF016MW001-160512

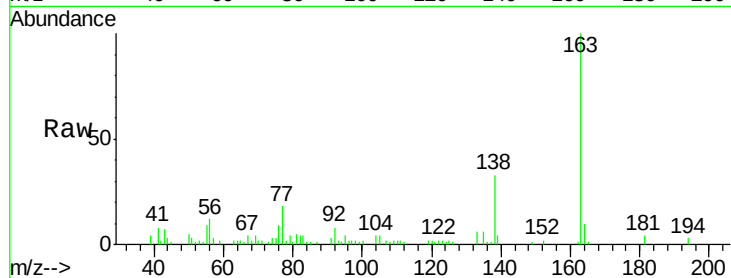
Tot Ion:163 Resp: 30219

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

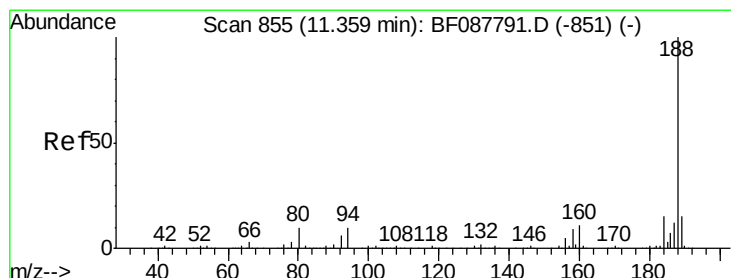
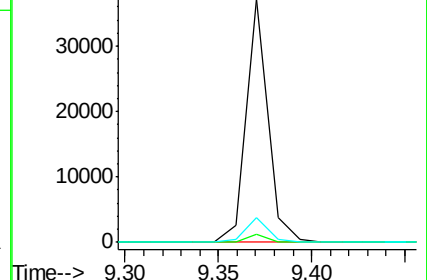
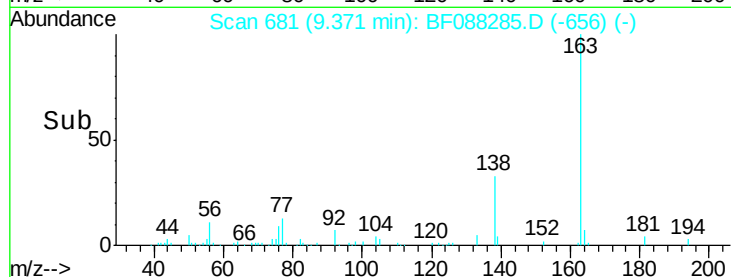
164 10.3 8.3 12.5



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: 5.00 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF088285.D

Acq: 23 Jun 2016 9:53

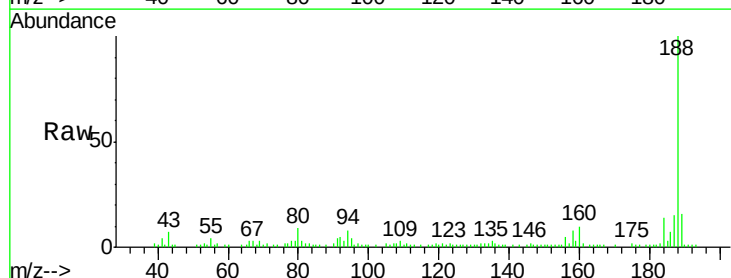
Tgt Ion:188 Resp: 48414

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.6#

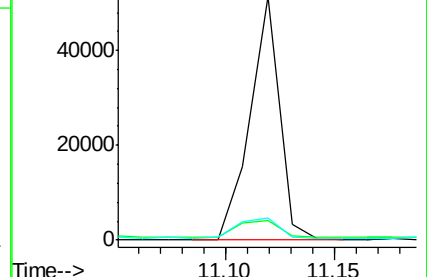
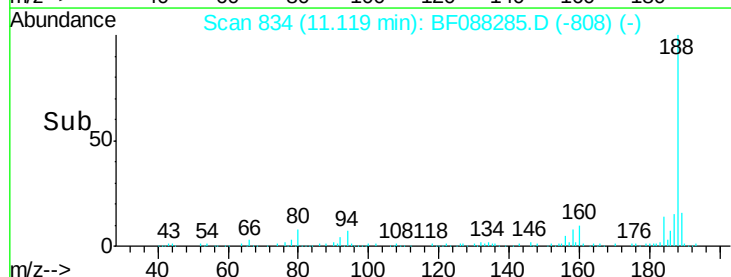
80 9.2 10.0 15.0#

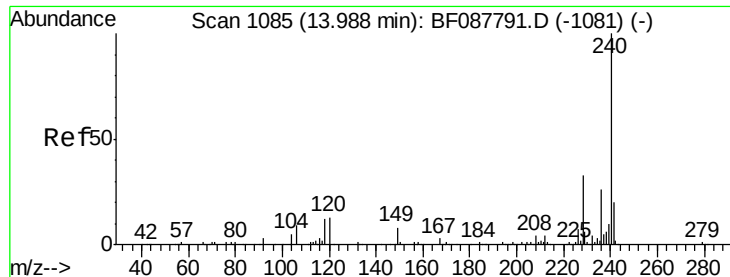


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 5.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088285.D

Acq: 23 Jun 2016 9:53

Instrument :

BNA_F

ClientSampleId :

LF016MW001-160512

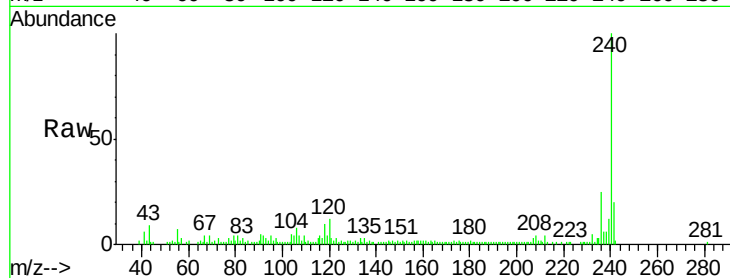
Tot Ion:240 Resp: 44047

Ion Ratio Lower Upper

240 100

120 11.7 6.8 10.2#

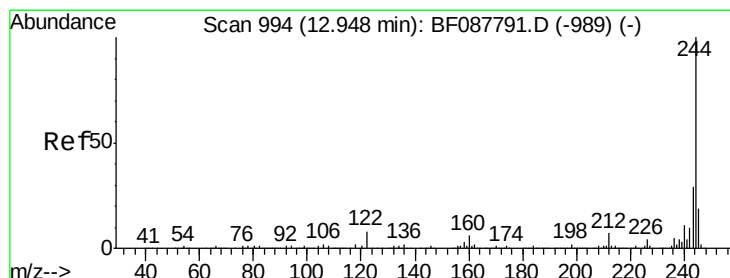
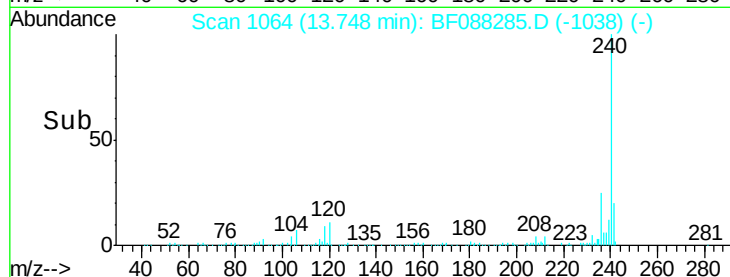
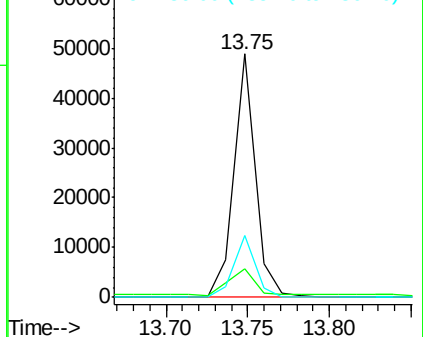
236 25.4 20.2 30.2



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



#78

Terphenyl-d14

Concen: 4.70 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088285.D

Acq: 23 Jun 2016 9:53

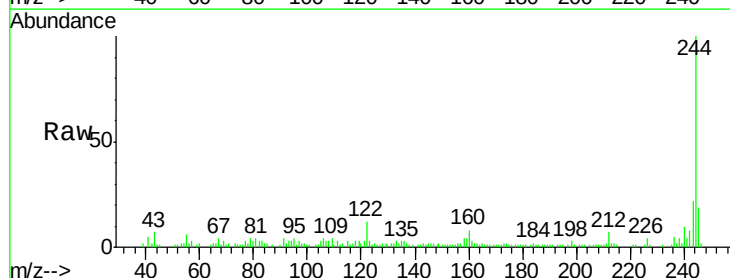
Tgt Ion:244 Resp: 36374

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

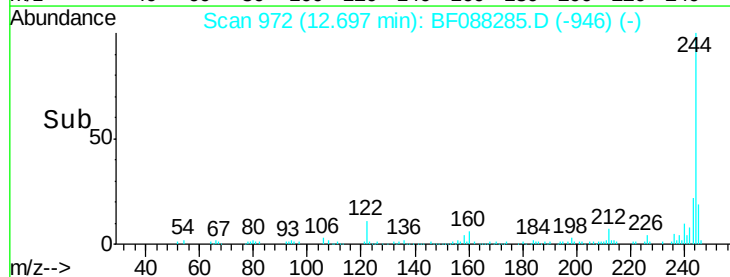
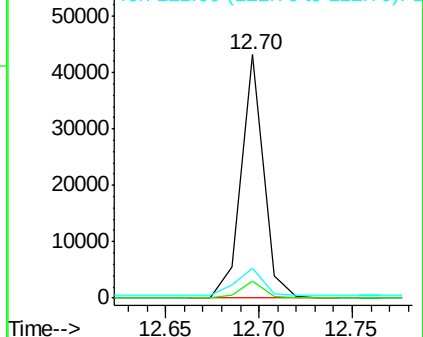
122 12.4 11.2 16.8

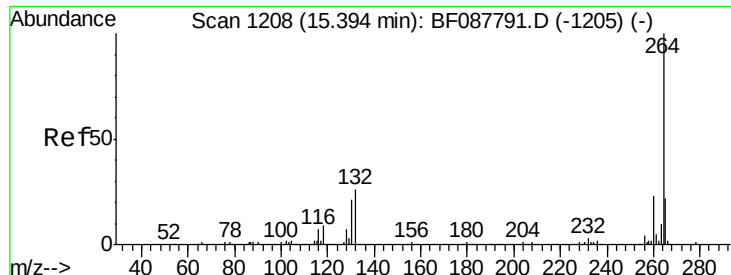


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

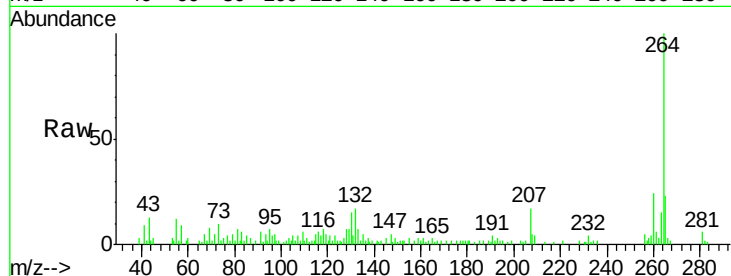




#86
Pervlene-d12
Concen: 5.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088285.D
Acq: 23 Jun 2016 9:53

Instrument :
BNA_F
ClientSampleId :
LF016MW001-160512

Tot Ion: 264 Resp: 32226
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 23.4 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

