

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087631.D
 Acq On : 1 Jun 2016 23:10
 Operator : UM/SJ
 Sample : H3349-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Quant Time: Jun 02 03:27:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 02:13:57 2016
 Response via : Initial Calibration

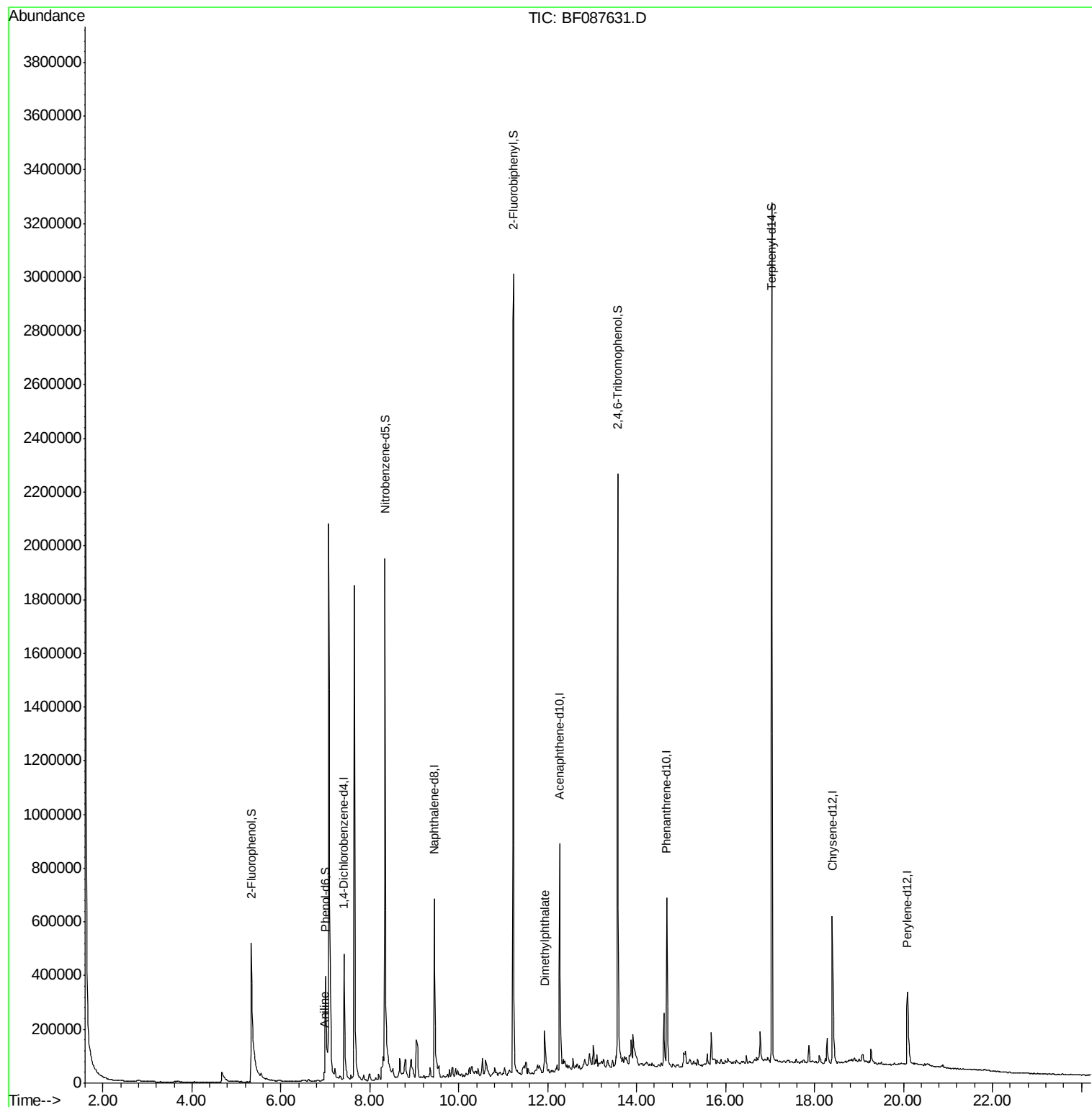
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	118356	20.00	ng	0.00
21) Naphthalene-d8	9.45	136	468943	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	219027	20.00	ng	-0.01
63) Phenanthrene-d10	14.67	188	405523	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	304645	20.00	ng	0.00
86) Perylene-d12	20.09	264	212103	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	390769	58.02	ng	0.02
7) Phenol-d6	7.00	99	345040	37.91	ng	0.00
23) Nitrobenzene-d5	8.34	82	922534	99.15	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	321423	152.71	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1526352	98.24	ng	0.00
78) Terphenyl-d14	17.04	244	1332826	93.01	ng	-0.01
Target Compounds						
6) Aniline	6.97	93	27317	2.32	ng	96
49) Dimethylphthalate	11.93	163	72984	4.16	ng	97

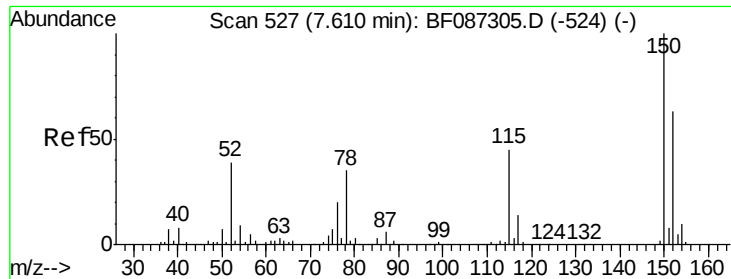
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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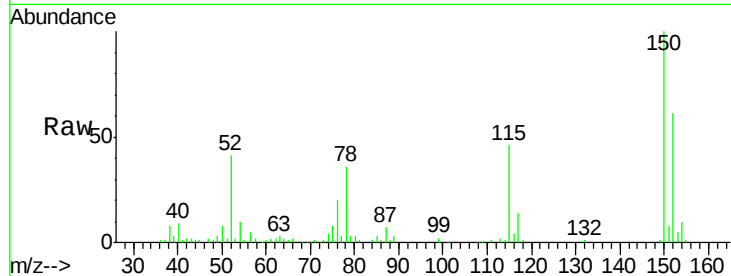


#1

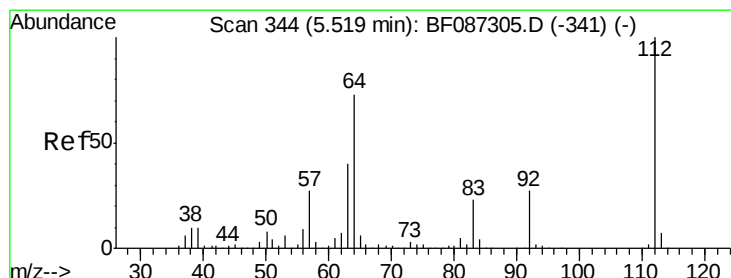
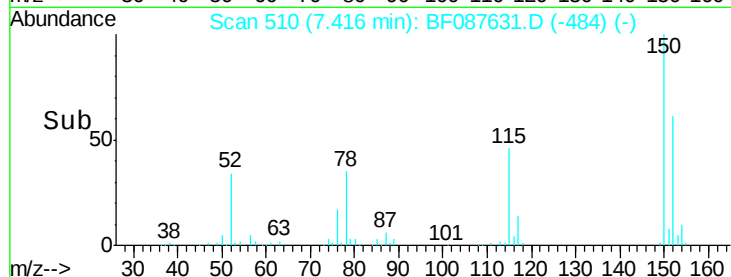
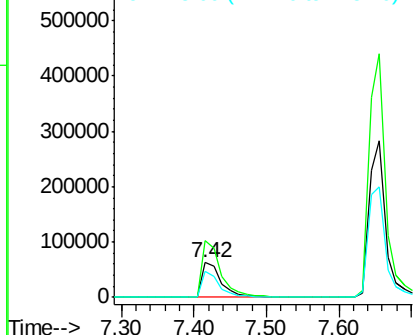
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF087631.D
Acq: 1 Jun 2016 23:10

Instrument :
BNA_F
ClientSampleId :
W-49

Tot Ion:152 Resp: 118356
Ion Ratio Lower Upper
152 100
150 163.5 125.8 188.6
115 75.7 51.5 77.3



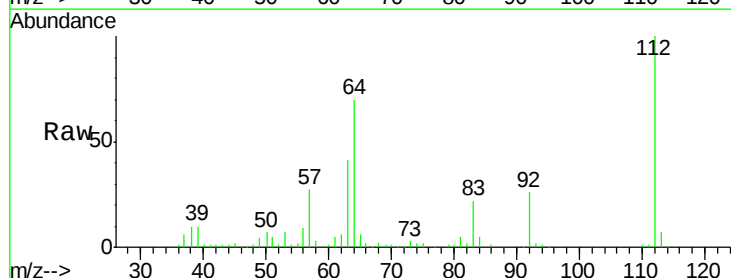
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



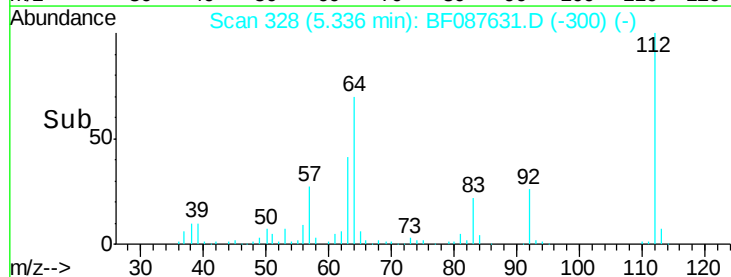
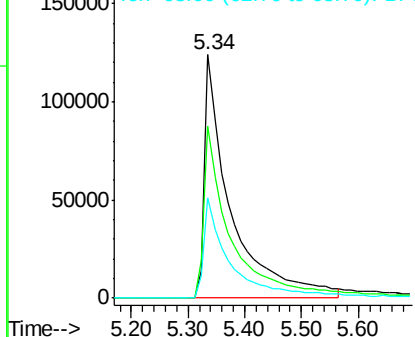
#5

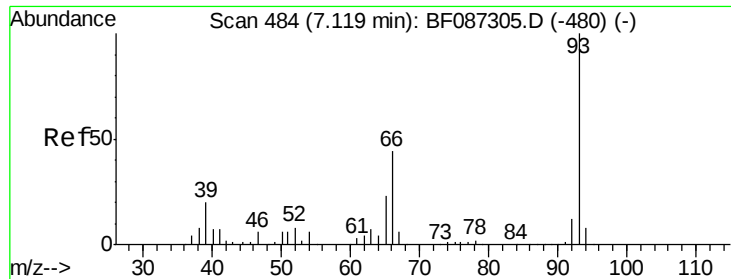
2-Fluorophenol
Concen: 58.02 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF087631.D
Acq: 1 Jun 2016 23:10

Tgt Ion:112 Resp: 390769
Ion Ratio Lower Upper
112 100
64 70.4 52.1 78.1
63 41.0 25.7 38.5



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





#6

Aniline

Concen: 2.32 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.03 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

Instrument :

BNA_F

ClientSampleId :

W-49

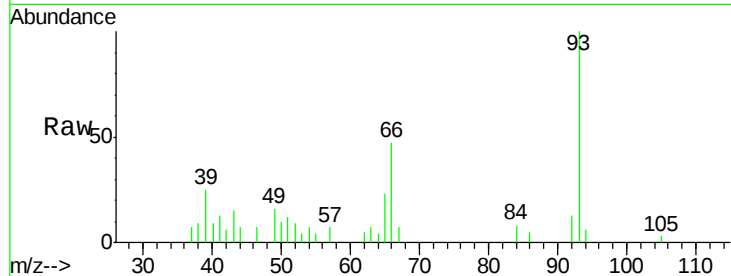
Tot Ion: 93 Resp: 27317

Ion Ratio Lower Upper

93 100

66 46.9 39.0 58.6

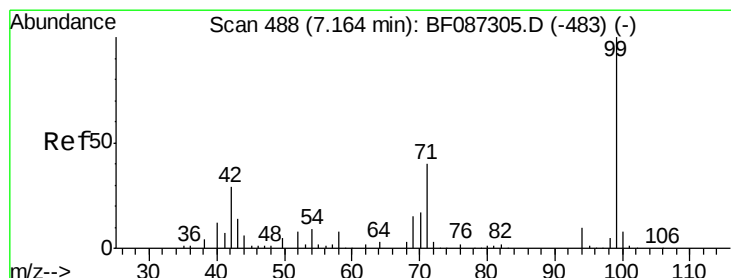
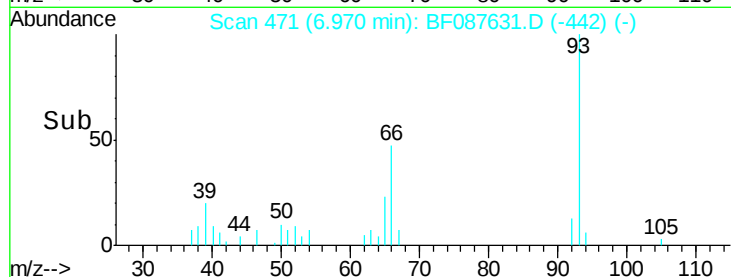
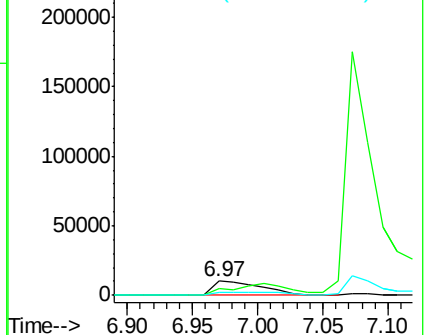
65 22.7 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 37.91 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

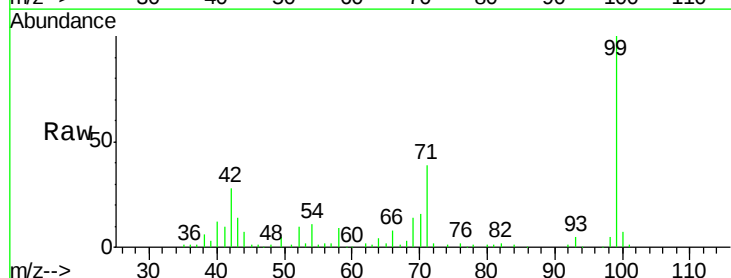
Tgt Ion: 99 Resp: 345040

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

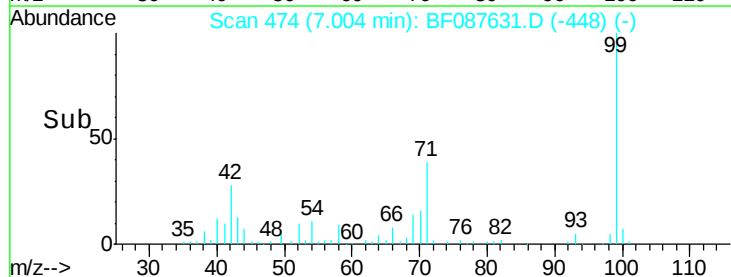
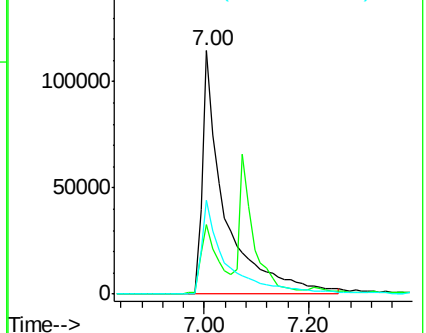
71 38.6 24.6 36.8#

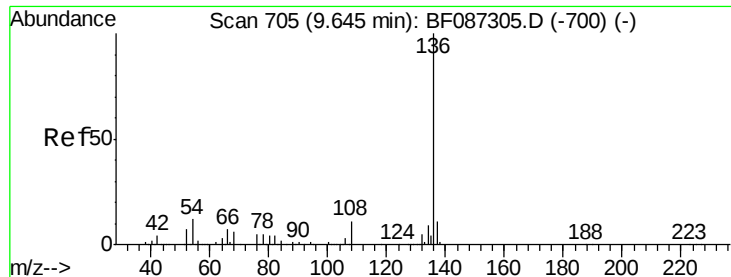


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

Instrument :

BNA_F

ClientSampleId :

W-49

Tot Ion:136 Resp: 468943

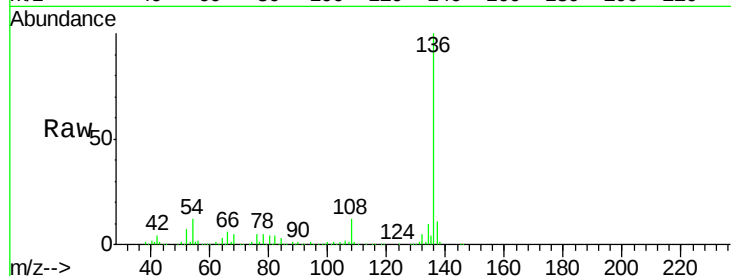
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.8 5.0 7.4#

68 5.4 4.4 6.6

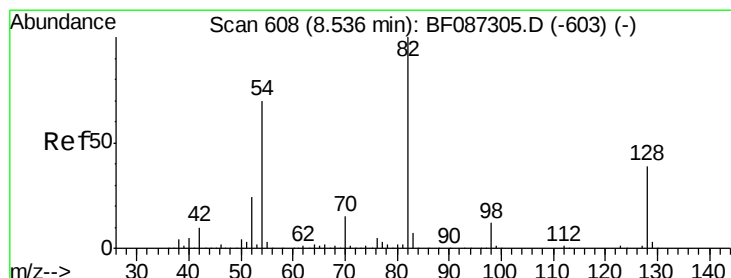
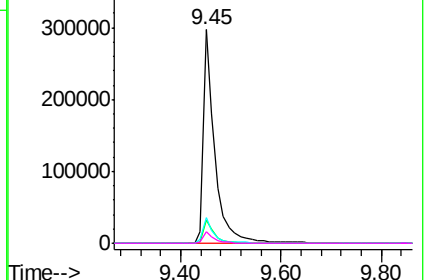
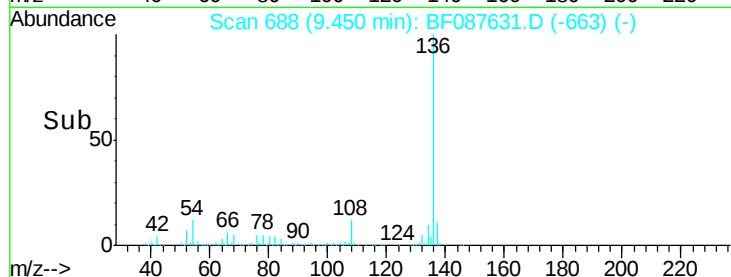


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.15 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.02 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

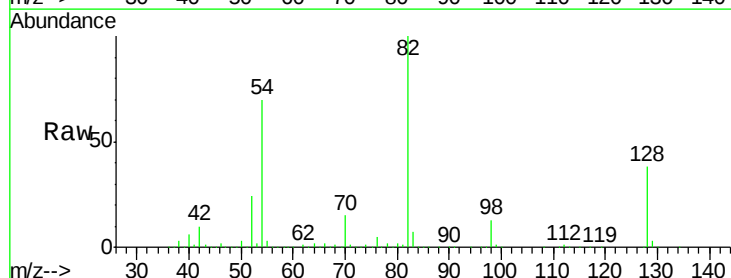
Tgt Ion: 82 Resp: 922534

Ion Ratio Lower Upper

82 100

128 37.9 40.6 61.0#

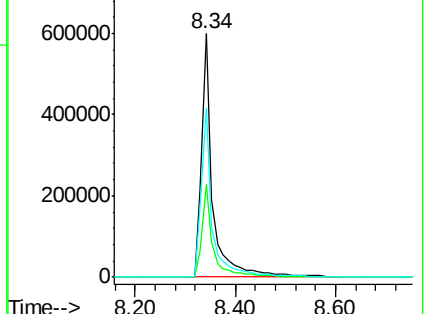
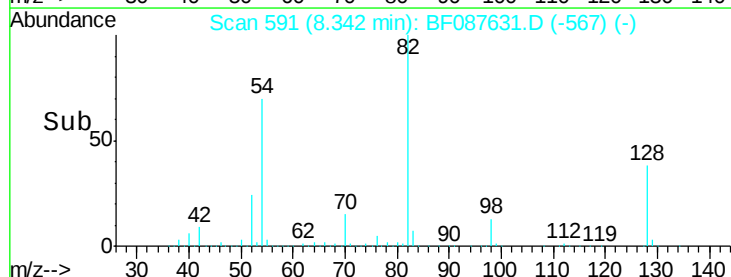
54 69.7 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

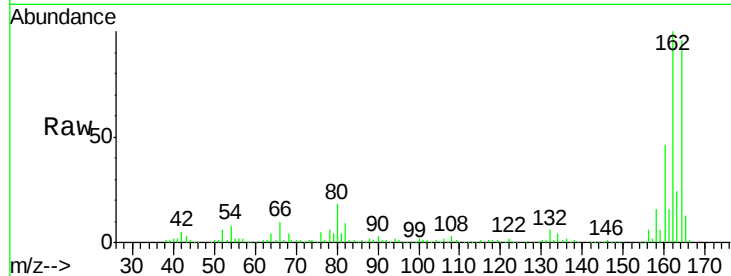




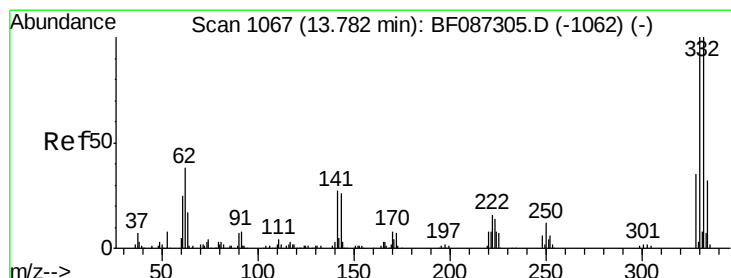
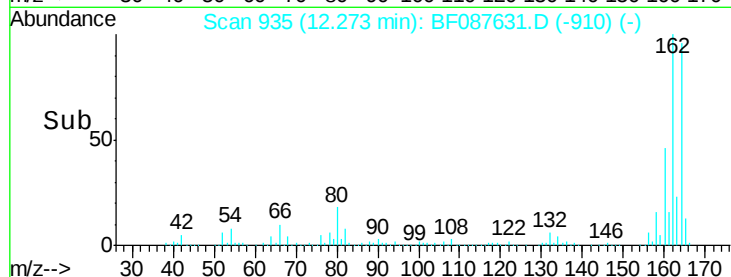
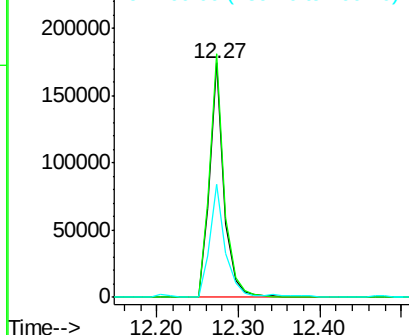
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	48.1	36.9	55.3

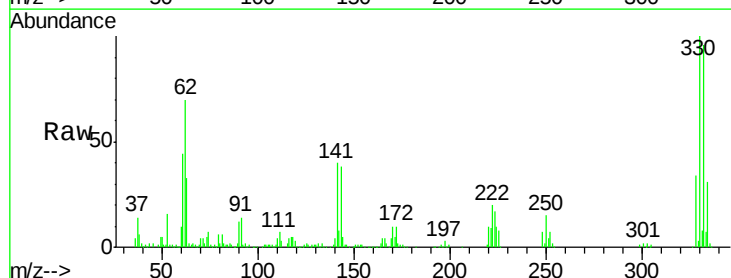


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

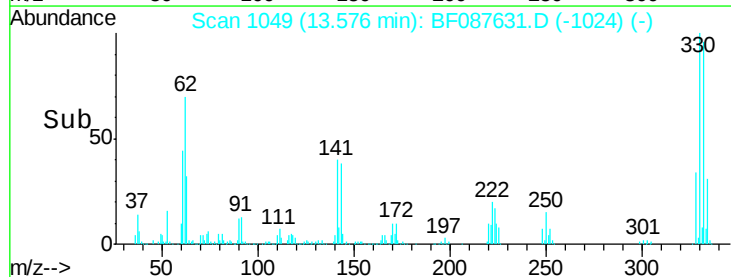
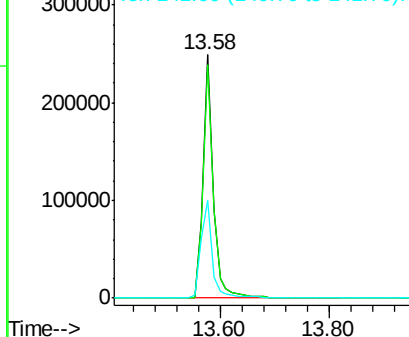


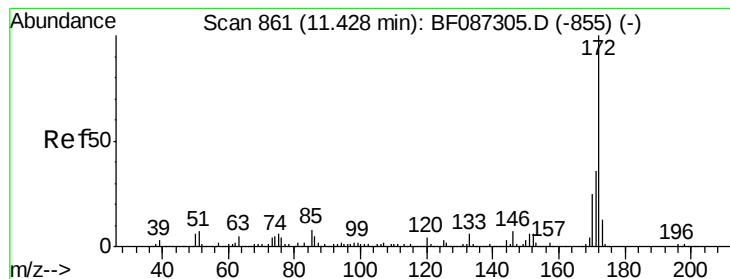
#41
 2,4,6-Tribromophenol
 Concen: 152.71 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	43.2	31.2	46.8



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: 98.24 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

Instrument :

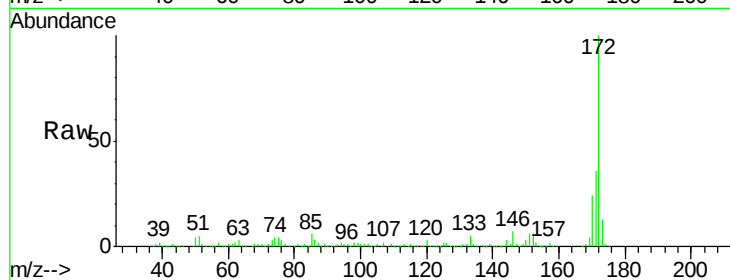
BNA_F

ClientSampled :

W-49

Tot Ion:172 Resp: 1526352

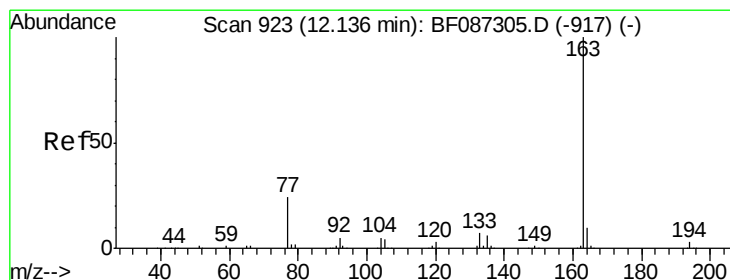
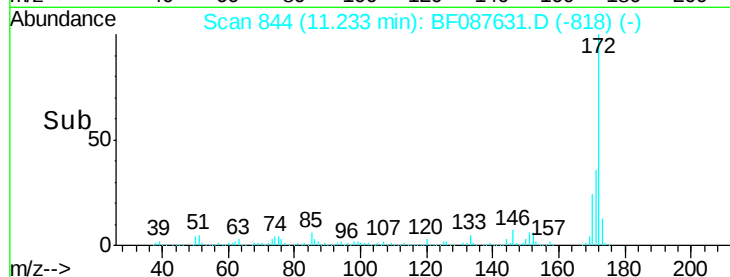
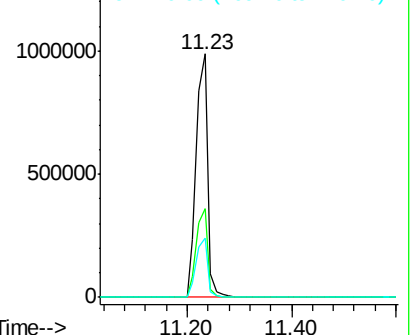
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.2	19.8	29.8



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: 4.16 ng

RT: 11.93 min Scan# 905

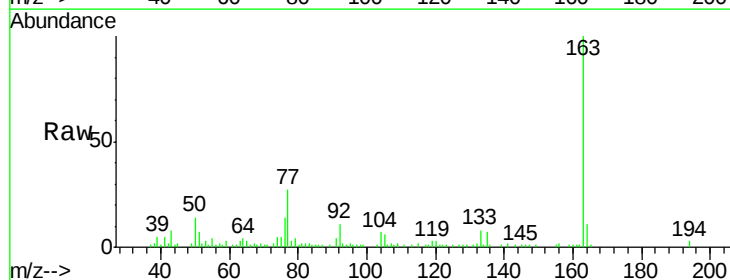
Delta R.T. -0.02 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

Tgt Ion:163 Resp: 72984

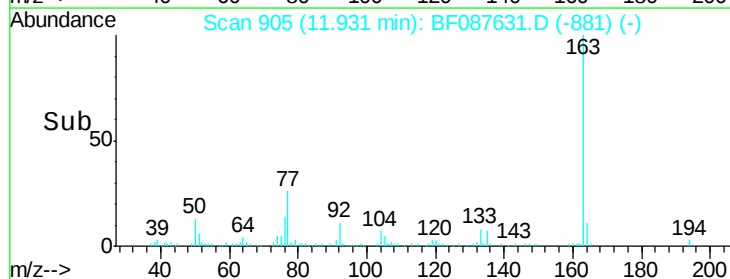
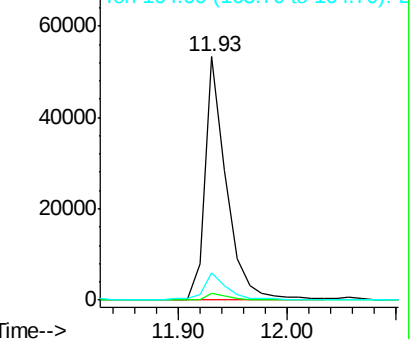
Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	11.4	8.2	12.4

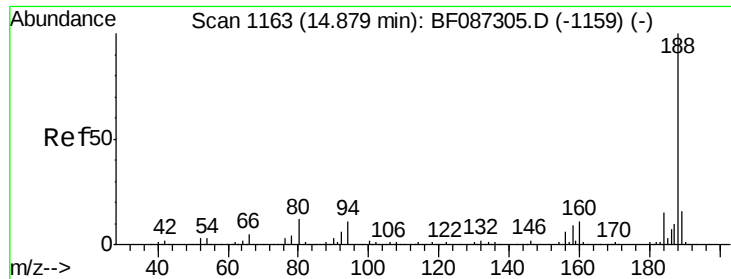


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

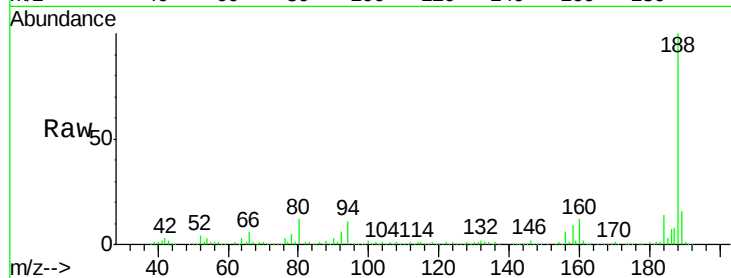




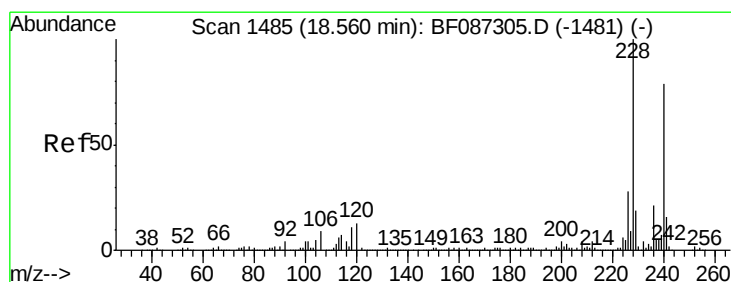
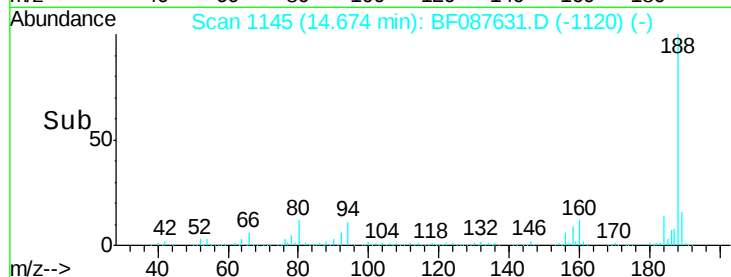
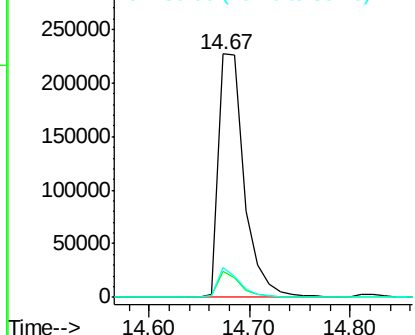
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF087631.D
Acq: 1 Jun 2016 23:10

Instrument :
BNA_F
ClientSampleId :
W-49

Tot Ion:188 Resp: 405523
Ion Ratio Lower Upper
188 100
94 10.7 6.8 10.2#
80 12.5 7.1 10.7#

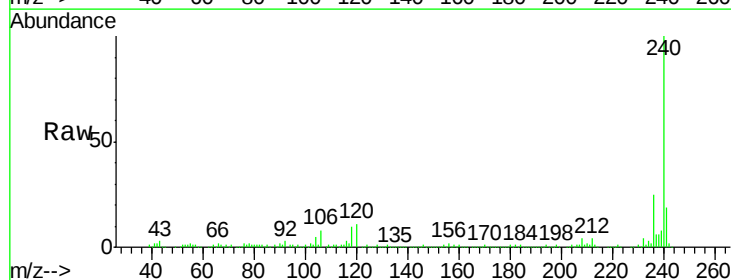


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

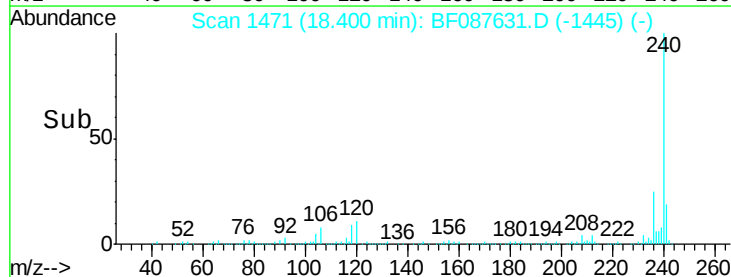
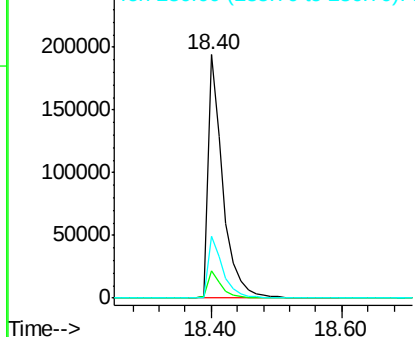


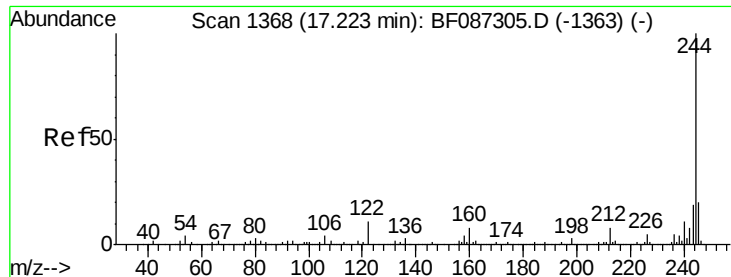
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF087631.D
Acq: 1 Jun 2016 23:10

Tgt Ion:240 Resp: 304645
Ion Ratio Lower Upper
240 100
120 11.0 11.2 16.8#
236 25.4 21.2 31.8



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

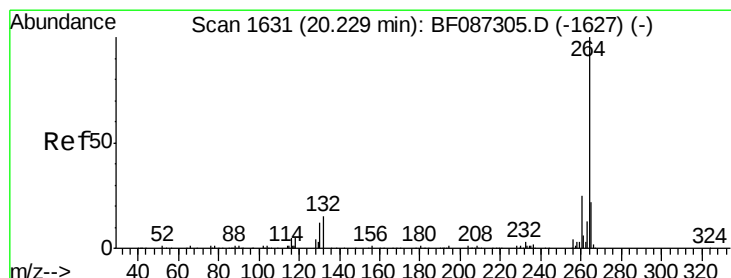
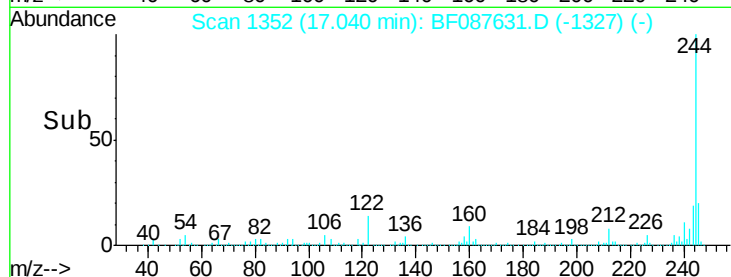
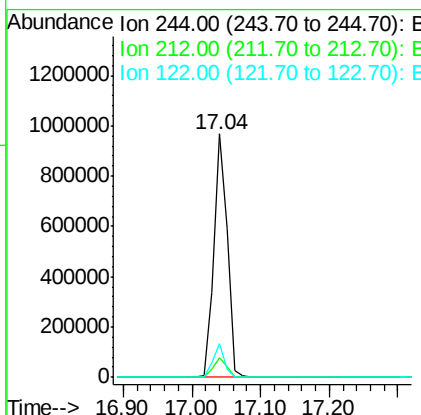
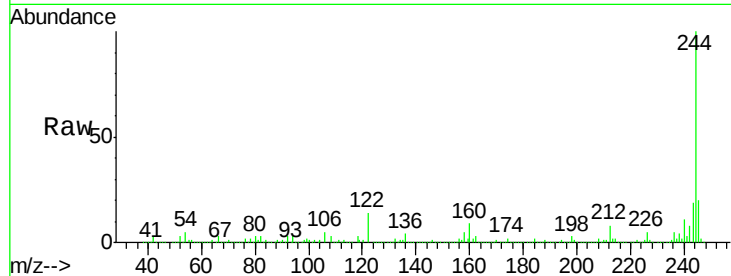




#78
 Terphenyl-d14
 Concen: 93.01 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Tot Ion:244 Resp: 1332826
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.7 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Tgt Ion:264 Resp: 212103
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.7 17.3 25.9

