

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087461.D
 Acq On : 28 May 2016 1:29
 Operator : UM/SJ
 Sample : H3291-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Quant Time: May 28 05:20:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	114490	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	460078	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	227978	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	440496	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	363326	20.00	ng	-0.03
86) Perylene-d12	20.13	264	243753	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	549340	84.31	ng	-0.03
7) Phenol-d6	7.03	99	491376	55.81	ng	-0.05
23) Nitrobenzene-d5	8.40	82	781978	85.66	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	311726	142.29	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1382626	85.50	ng	-0.05
78) Terphenyl-d14	17.10	244	1490964	87.24	ng	-0.03

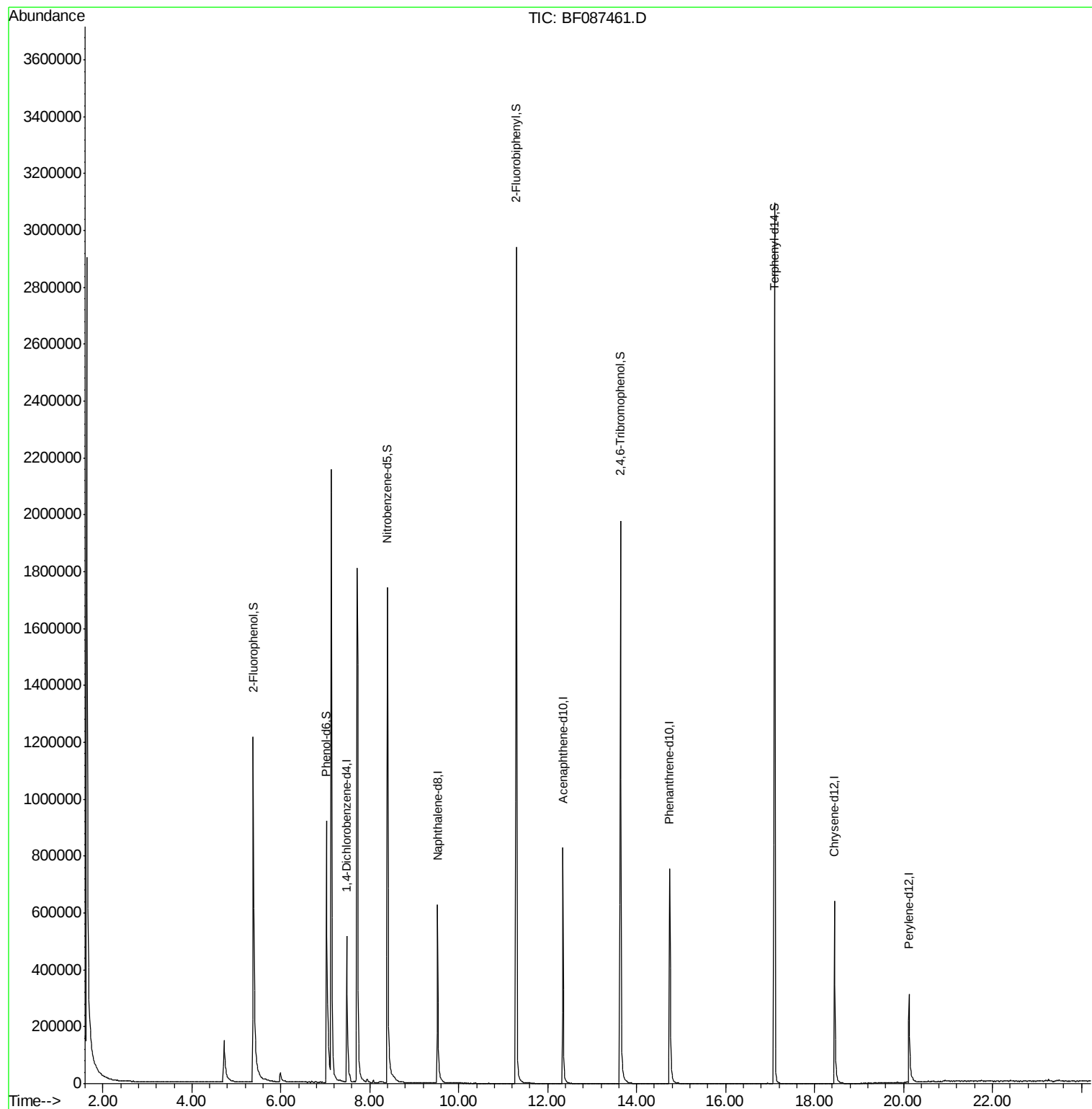
Target Compounds Qvalue

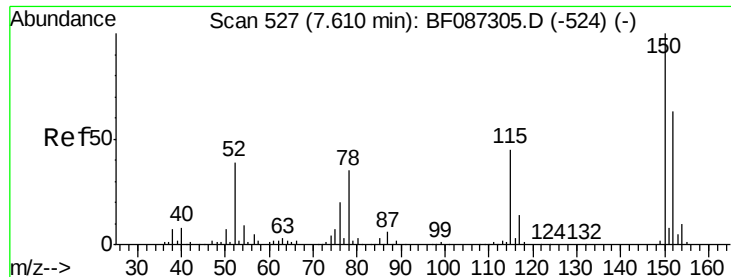
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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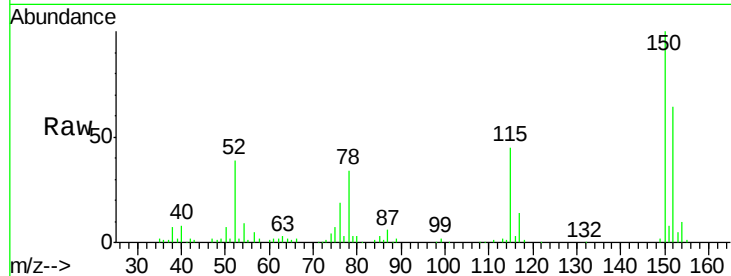


#1

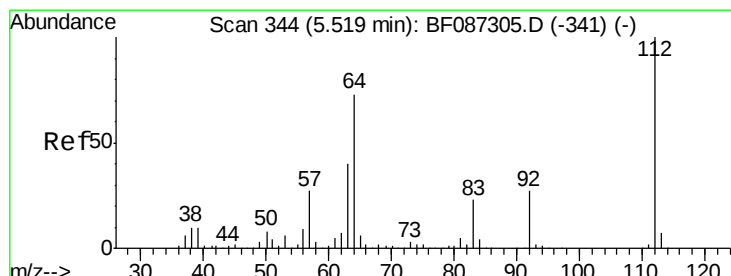
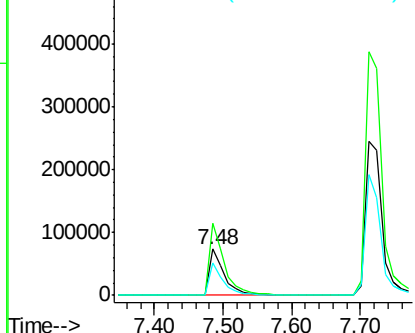
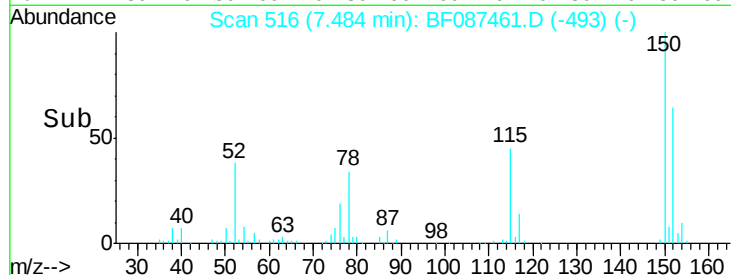
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087461.D
Acq: 28 May 2016 1:29

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tot Ion:152 Resp: 114490
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 69.2 51.5 77.3



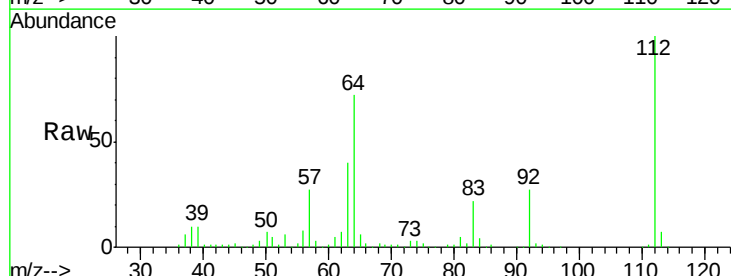
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



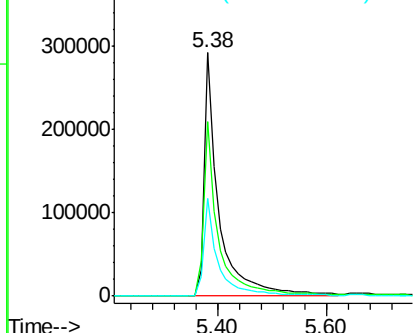
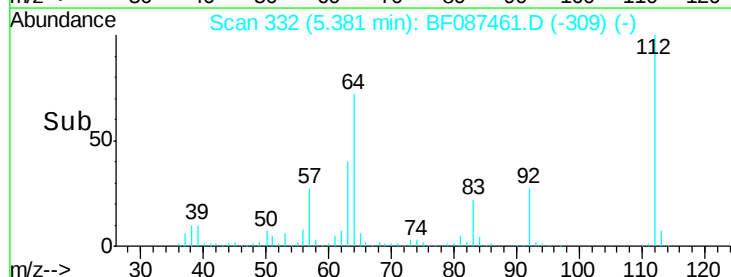
#5

2-Fluorophenol
Concen: 84.31 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.03 min
Lab File: BF087461.D
Acq: 28 May 2016 1:29

Tgt Ion:112 Resp: 549340
Ion Ratio Lower Upper
112 100
64 71.6 52.1 78.1
63 40.2 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





#7

Phenol-d6

Concen: 55.81 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

Instrument :

BNA_F

ClientSampleId :

FB-201605

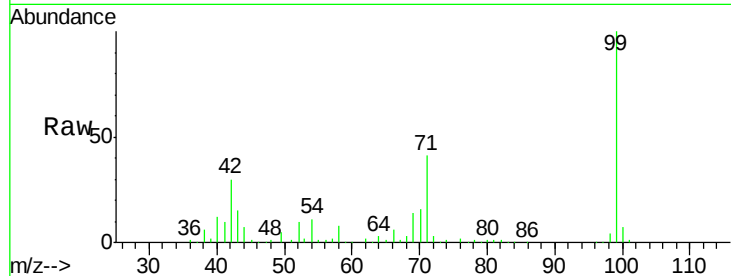
Tot Ion: 99 Resp: 491376

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

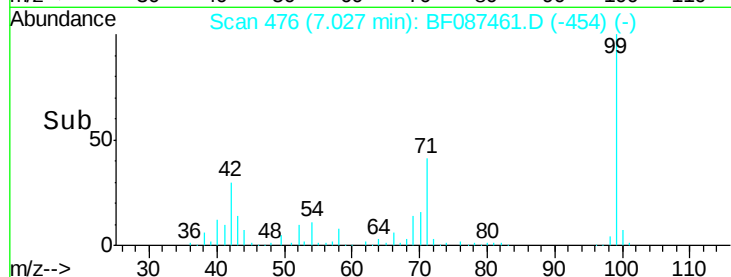
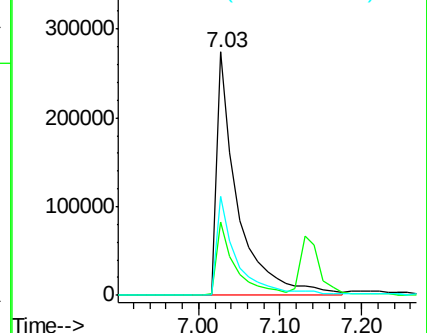
71 40.9 24.6 36.8#



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: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

Tgt Ion: 136 Resp: 460078

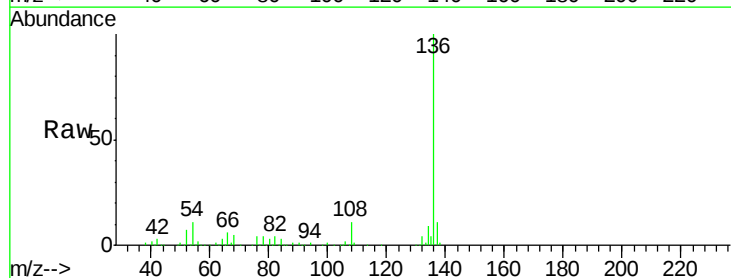
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.6 5.0 7.4#

68 5.3 4.4 6.6

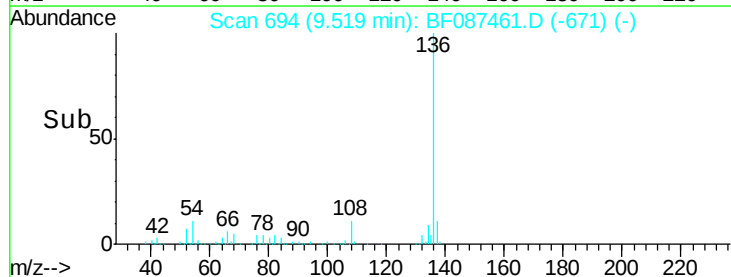
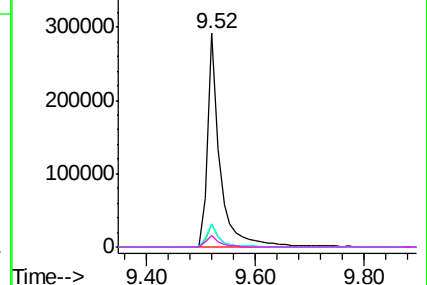


Abundance Ion 136.00 (135.70 to 136.70): E

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

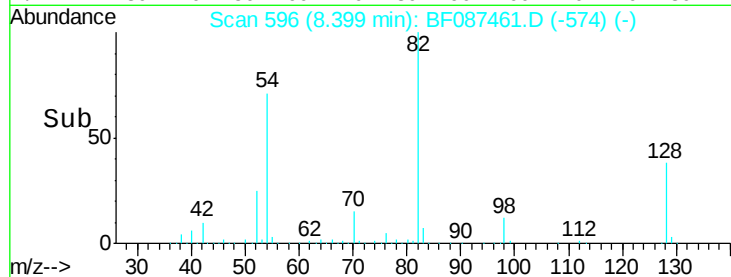
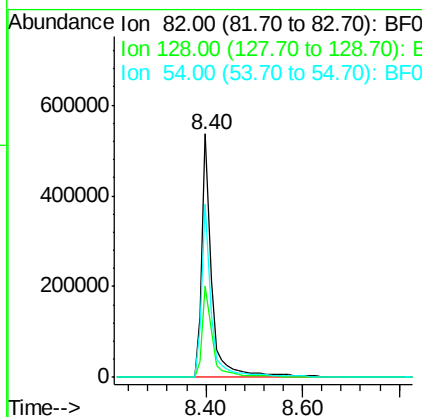
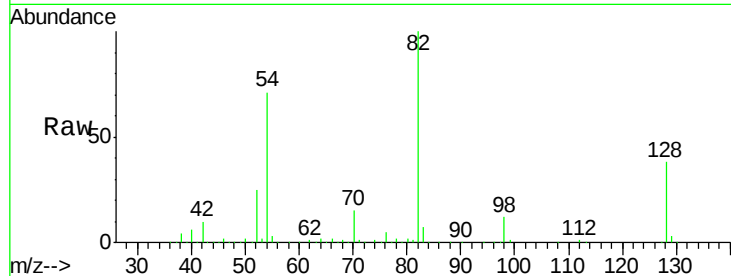




#23
 Nitrobenzene-d5
 Concen: 85.66 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087461.D
 Acq: 28 May 2016 1:29

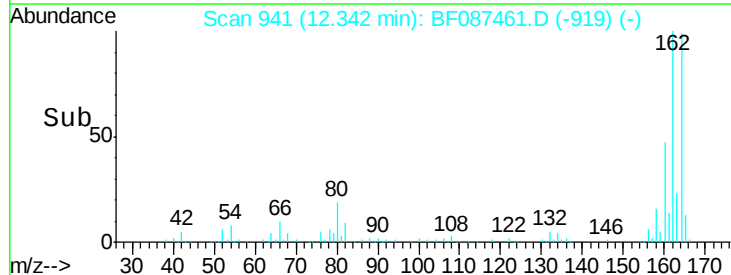
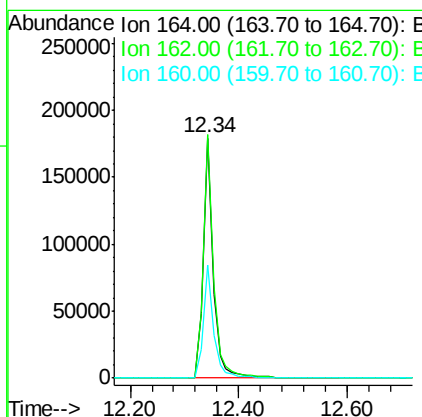
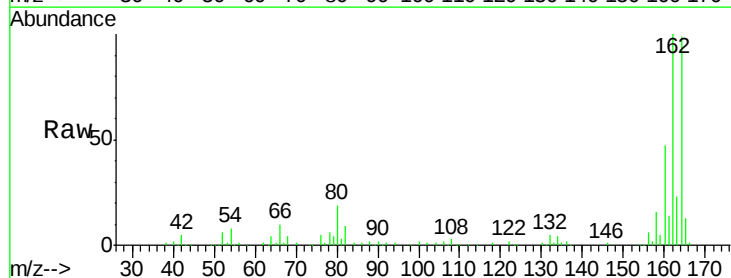
Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

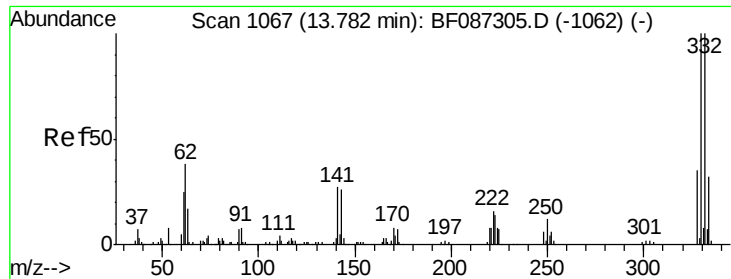
Tot Ion: 82 Resp: 781978
 Ion Ratio Lower Upper
 82 100
 128 37.5 40.6 61.0#
 54 71.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087461.D
 Acq: 28 May 2016 1:29

Tgt Ion: 164 Resp: 227978
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.8 124.2
 160 47.2 36.9 55.3

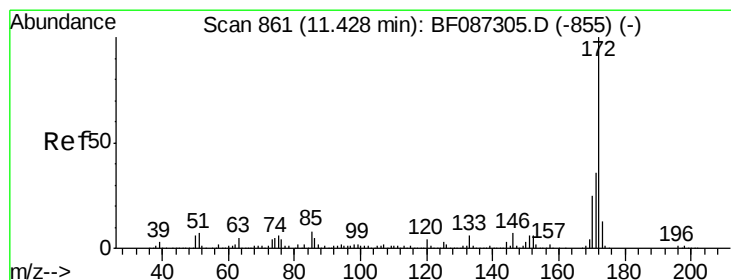
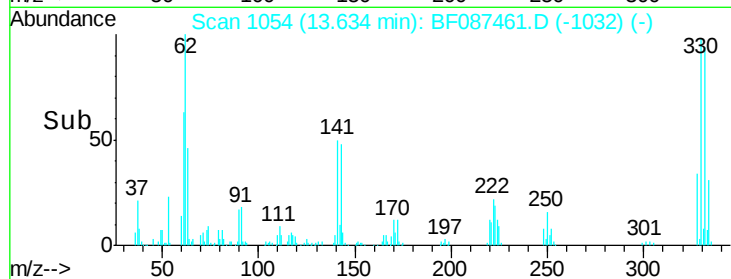
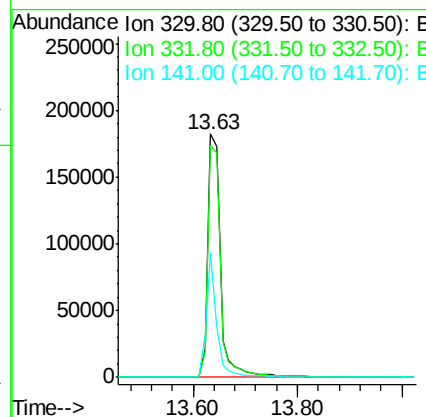
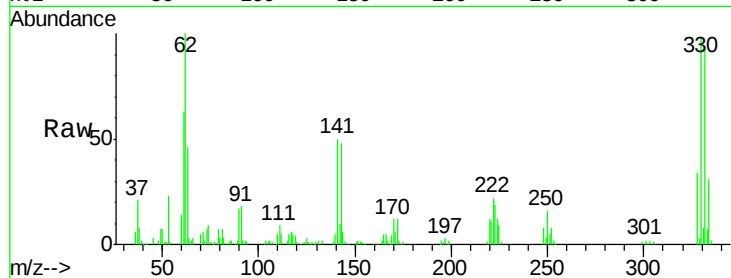




#41
 2,4,6-Tribromophenol
 Concen: 142.29 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087461.D
 Acq: 28 May 2016 1:29

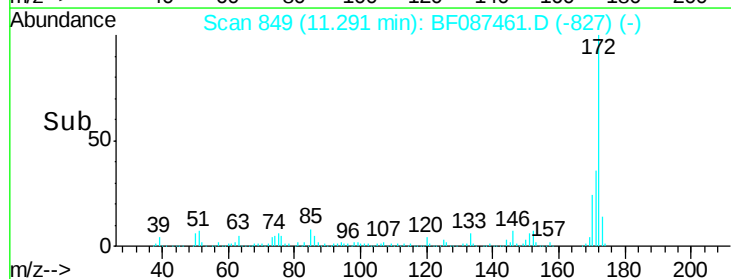
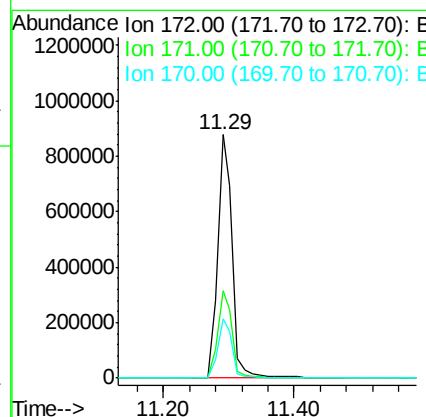
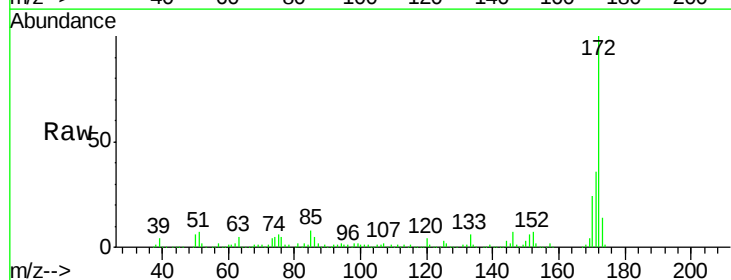
Instrument :
 BNA_F
 ClientSampleID :
 FB-201605

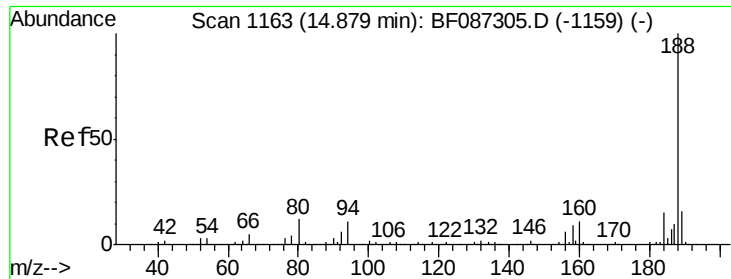
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	42.6	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 85.50 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF087461.D
 Acq: 28 May 2016 1:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	19.8	29.8

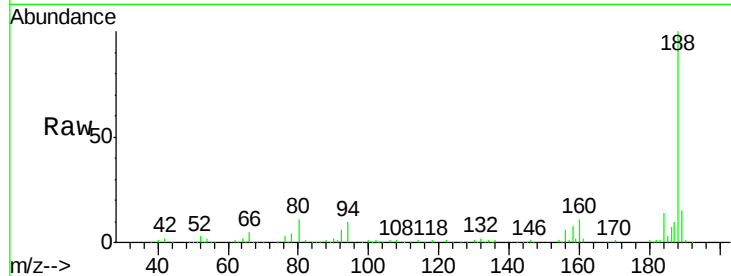




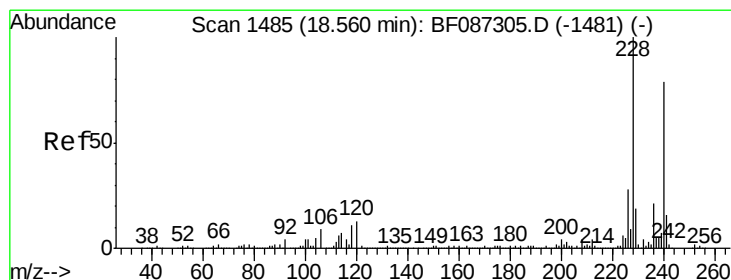
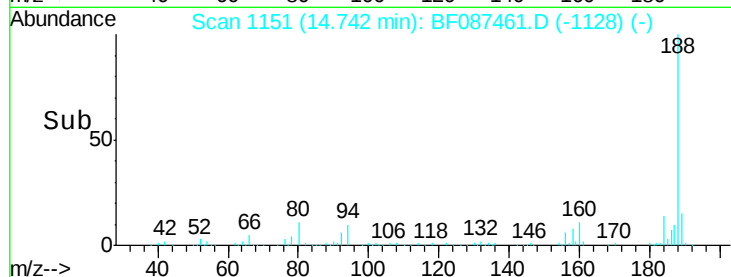
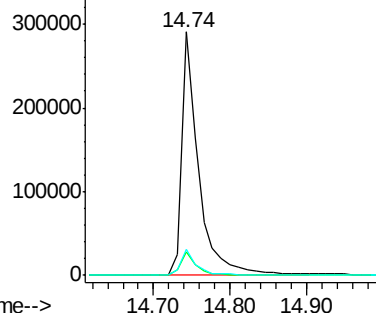
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087461.D
Acq: 28 May 2016 1:29

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tot Ion:188 Resp: 440496
Ion Ratio Lower Upper
188 100
94 9.8 6.8 10.2
80 10.9 7.1 10.7#

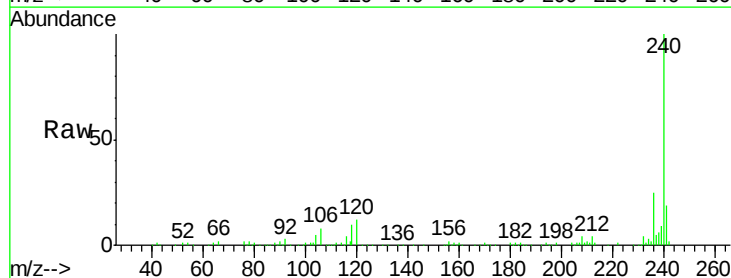


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

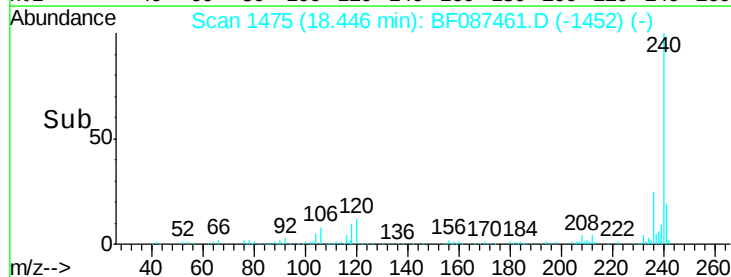
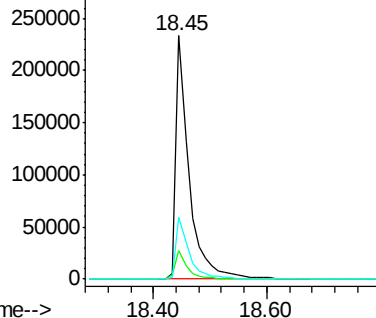


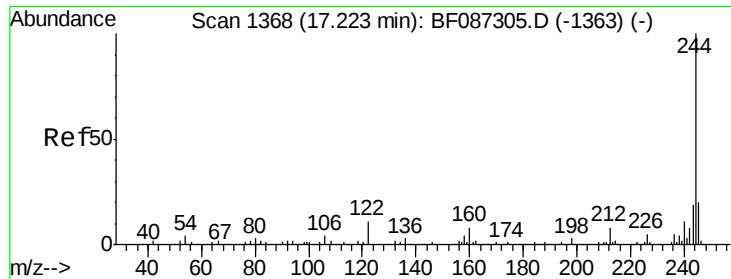
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087461.D
Acq: 28 May 2016 1:29

Tgt Ion:240 Resp: 363326
Ion Ratio Lower Upper
240 100
120 11.8 11.2 16.8
236 25.5 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: 87.24 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

Instrument :

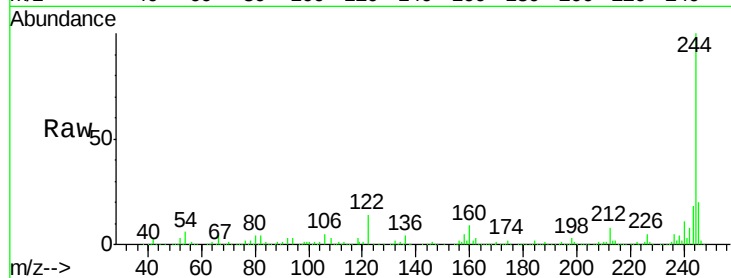
BNA_F

ClientSampleId :

FB-201605

Tot Ion:244 Resp: 1490964

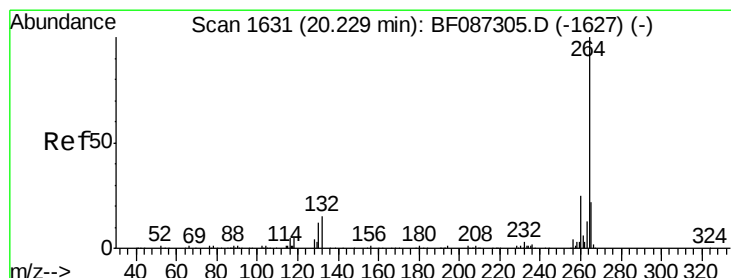
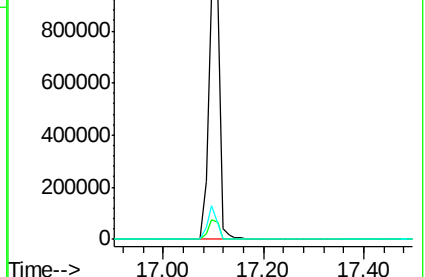
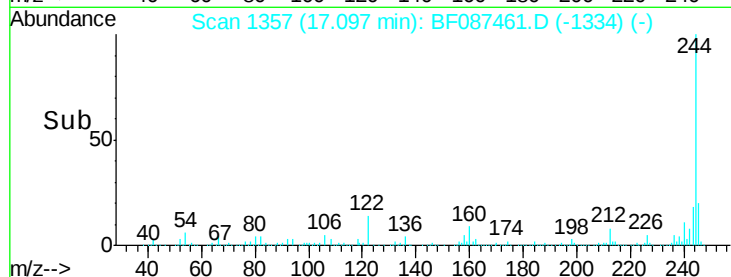
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.9	12.0	18.0



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: 20.13 min Scan# 1622

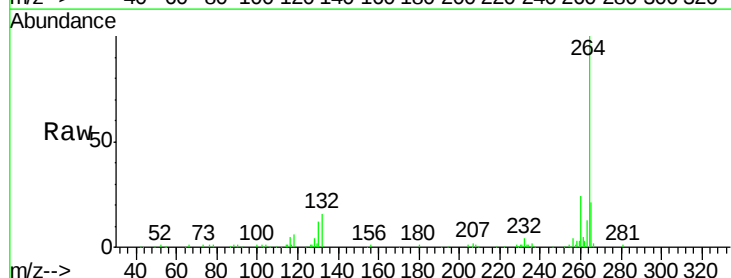
Delta R.T. -0.01 min

Lab File: BF087461.D

Acq: 28 May 2016 1:29

Tgt Ion:264 Resp: 243753

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.7	17.3	25.9



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

