

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087459.D
 Acq On : 28 May 2016 00:20
 Operator : UM/SJ
 Sample : H3291-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: May 28 01:16:01 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	124444	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	507442	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	243330	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	460385	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	372056	20.00	ng	-0.03
86) Perylene-d12	20.11	264	270350	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	444821	62.81	ng	-0.03
7) Phenol-d6	7.03	99	388190	40.57	ng	-0.05
23) Nitrobenzene-d5	8.40	82	801553	79.61	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	303709	129.88	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1443585	83.64	ng	-0.05
78) Terphenyl-d14	17.10	244	1384490	79.11	ng	-0.03

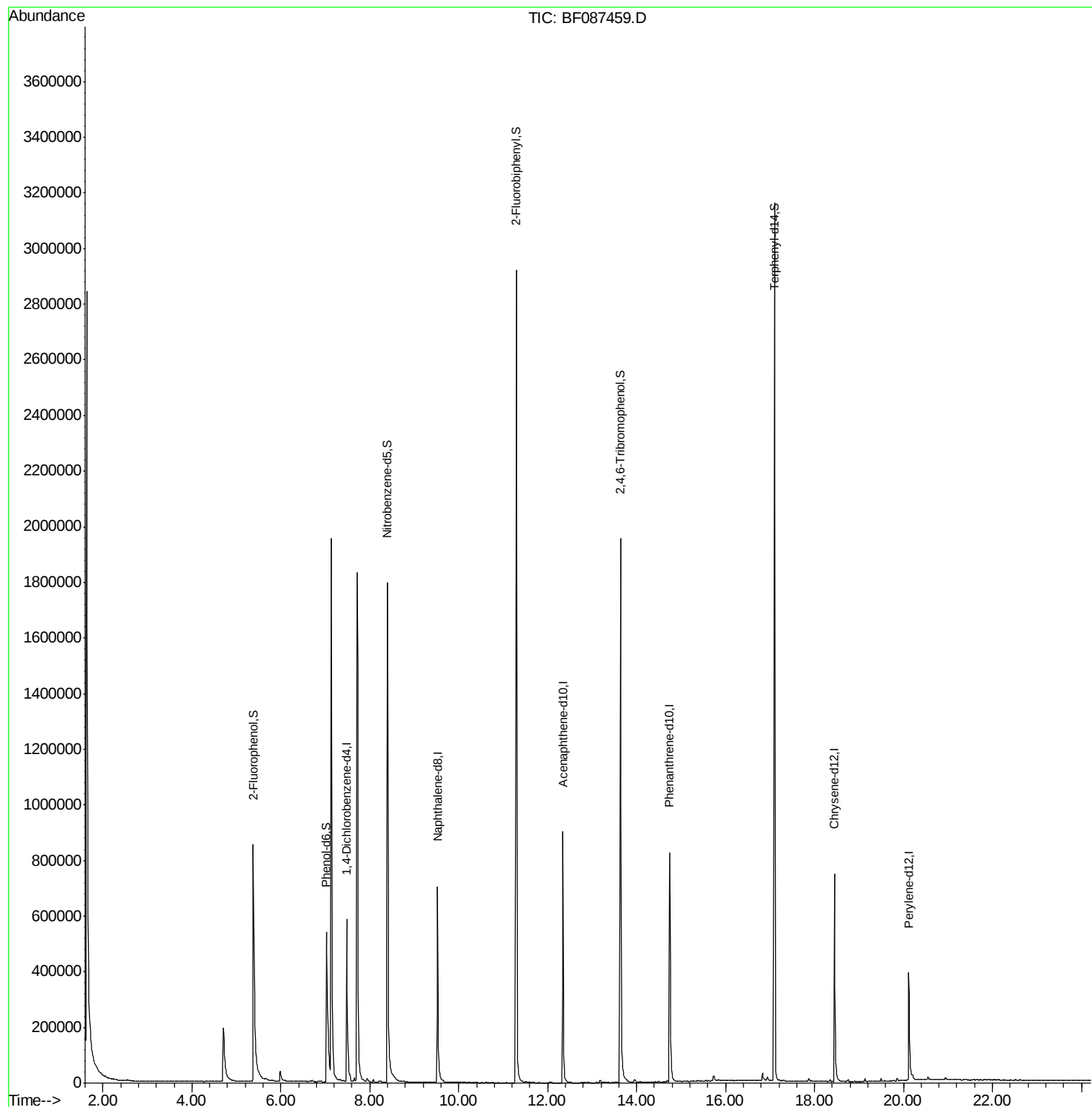
Target Compounds Qvalue

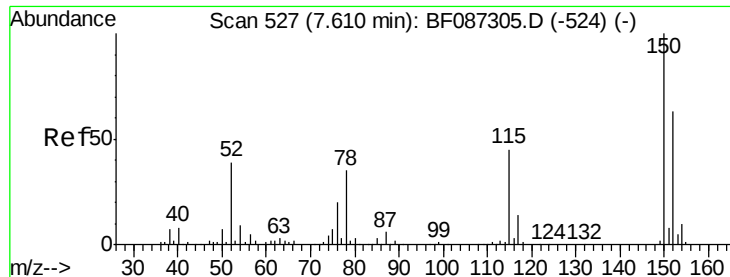
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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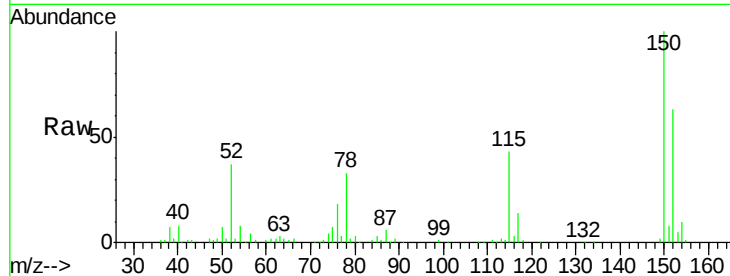


#1

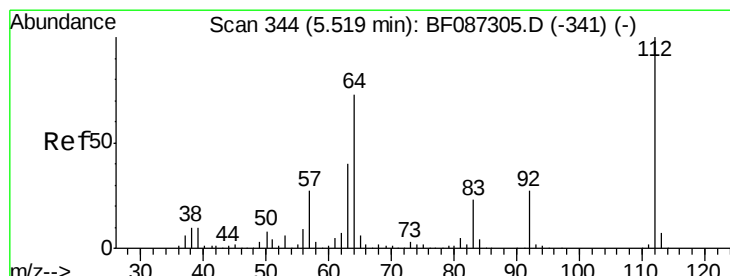
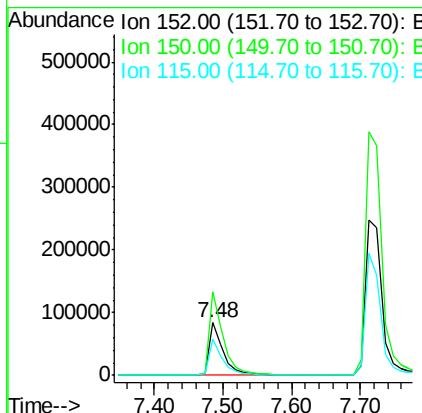
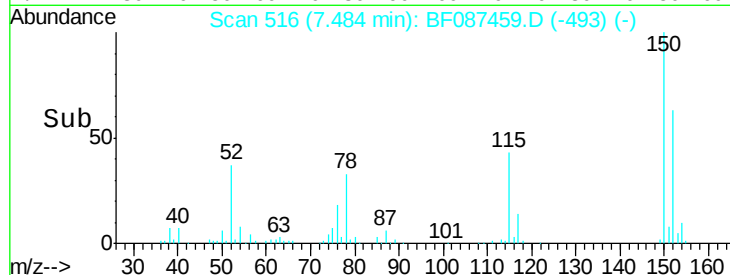
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087459.D
Acq: 28 May 2016 00:20

Instrument :
BNA_F
ClientSampled :
MW-10

Tot Ion:152 Resp: 124444
Ion Ratio Lower Upper
152 100
150 159.8 125.8 188.6
115 69.4 51.5 77.3



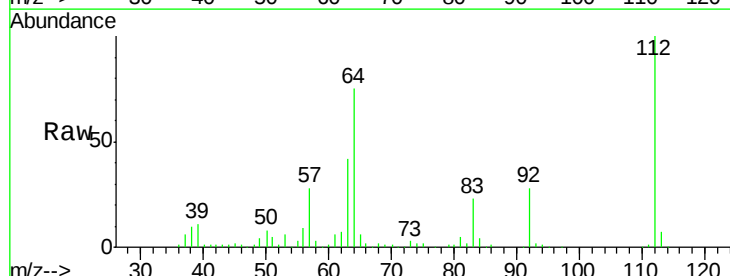
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



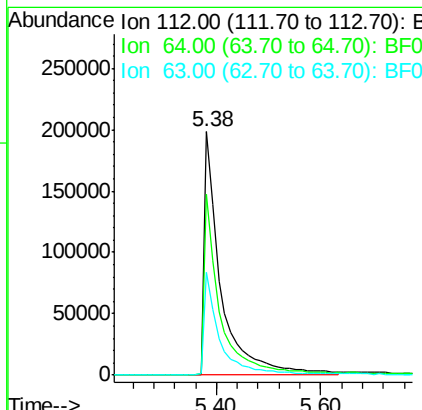
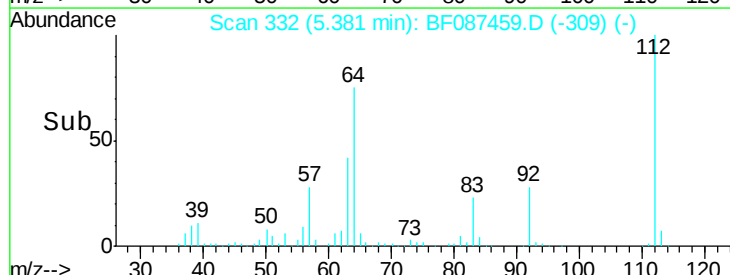
#5

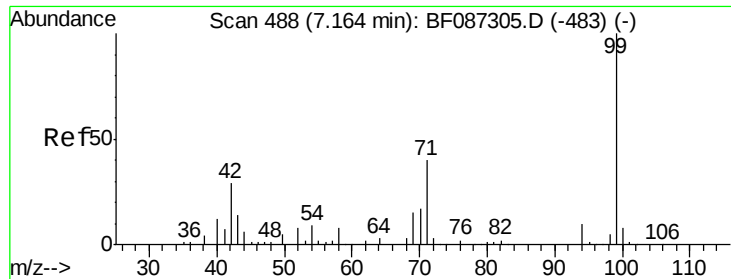
2-Fluorophenol
Concen: 62.81 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.03 min
Lab File: BF087459.D
Acq: 28 May 2016 00:20

Tgt Ion:112 Resp: 444821
Ion Ratio Lower Upper
112 100
64 74.6 52.1 78.1
63 42.0 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





#7

Phenol-d6

Concen: 40.57 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Instrument :

BNA_F

ClientSampleId :

MW-10

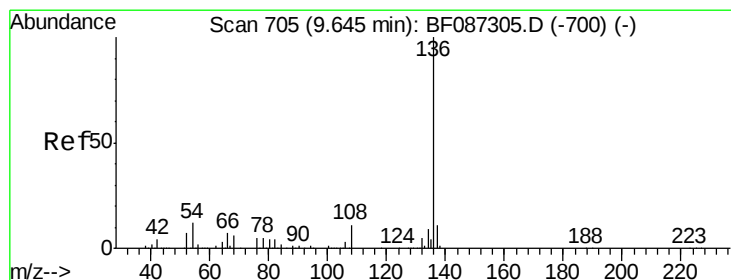
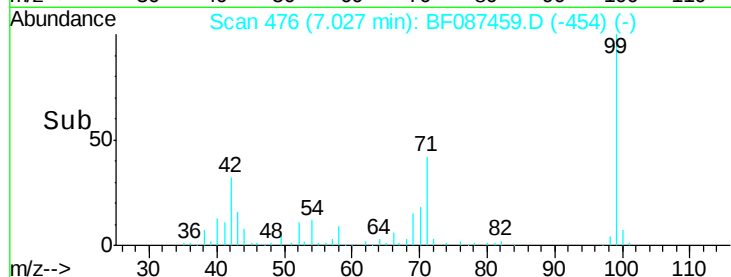
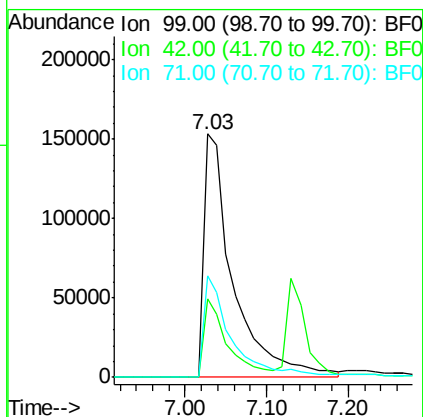
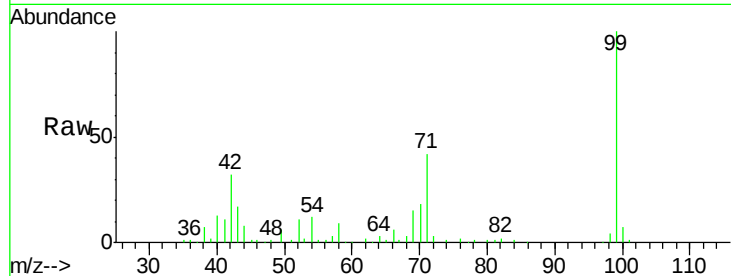
Tot Ion: 99 Resp: 388190

Ion Ratio Lower Upper

99 100

42 32.5 13.6 20.4#

71 41.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Tgt Ion: 136 Resp: 507442

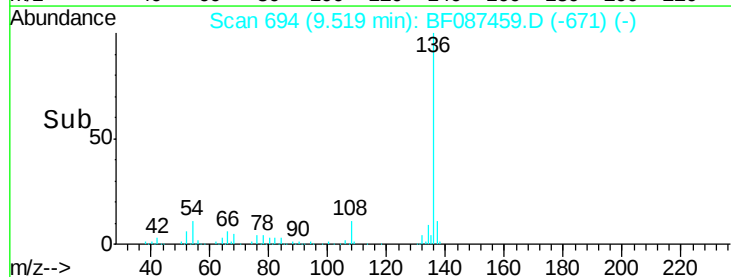
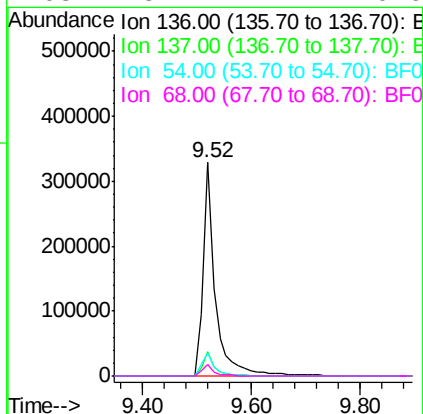
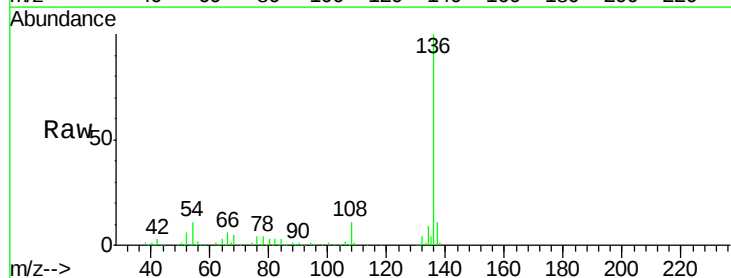
Ion Ratio Lower Upper

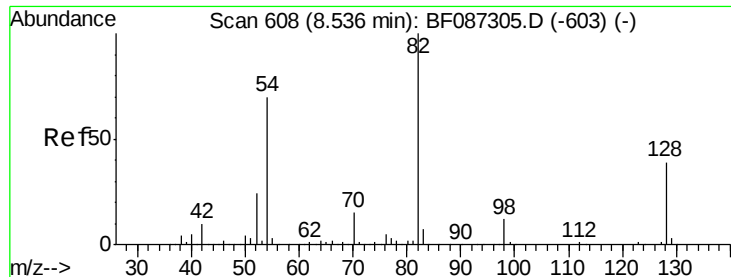
136 100

137 11.3 8.8 13.2

54 10.5 5.0 7.4#

68 5.2 4.4 6.6

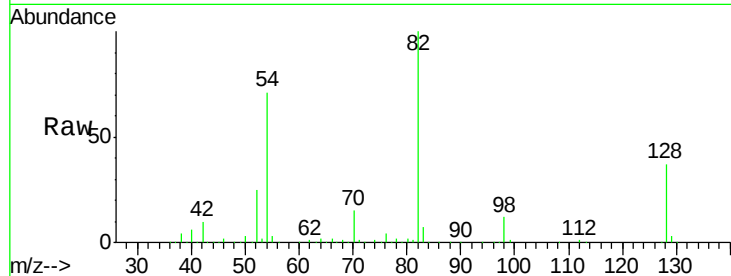




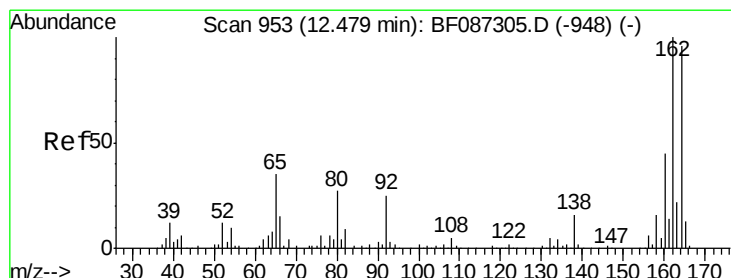
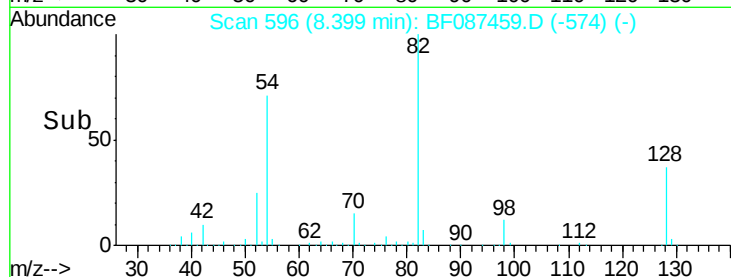
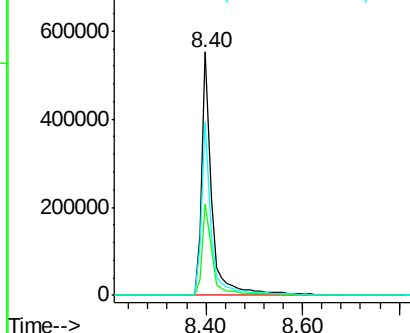
#23
 Nitrobenzene-d5
 Concen: 79.61 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087459.D
 Acq: 28 May 2016 00:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion: 82 Resp: 801553
 Ion Ratio Lower Upper
 82 100
 128 37.5 40.6 61.0#
 54 70.9 38.1 57.1#

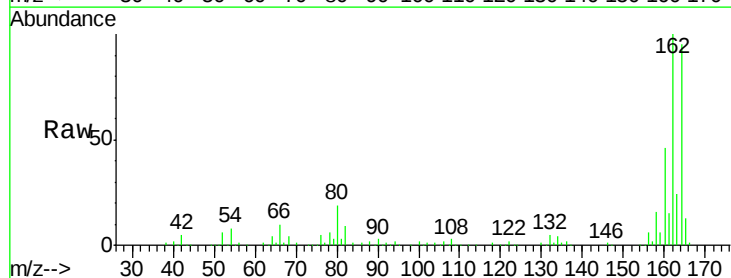


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

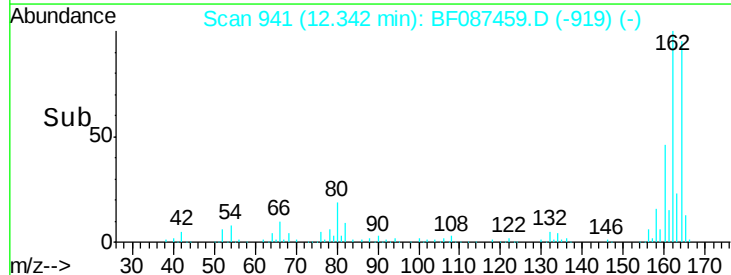
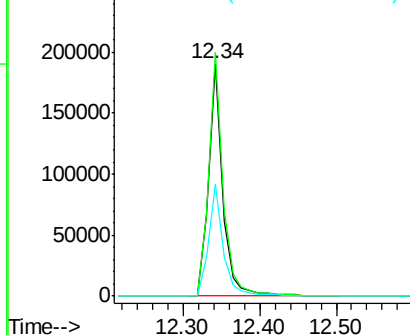


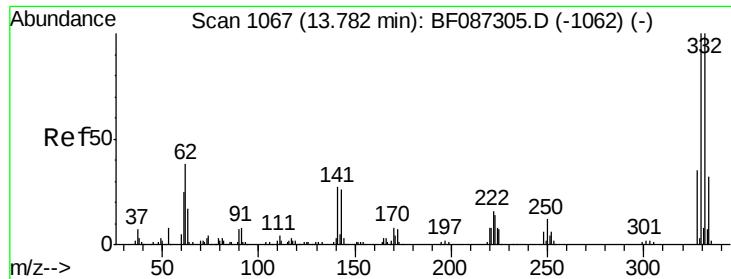
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087459.D
 Acq: 28 May 2016 00:20

Tgt Ion: 164 Resp: 243330
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.8 124.2
 160 48.4 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: 129.88 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Instrument :

BNA_F

ClientSampled :

MW-10

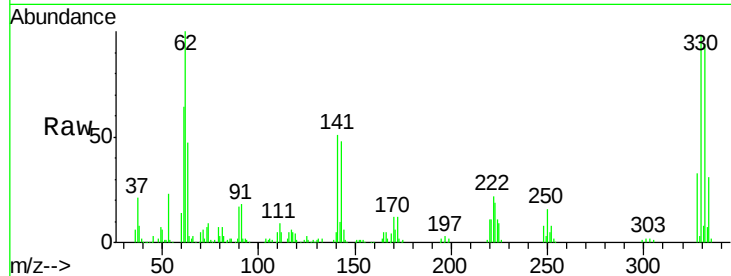
Tot Ion:330 Resp: 303709

Ion Ratio Lower Upper

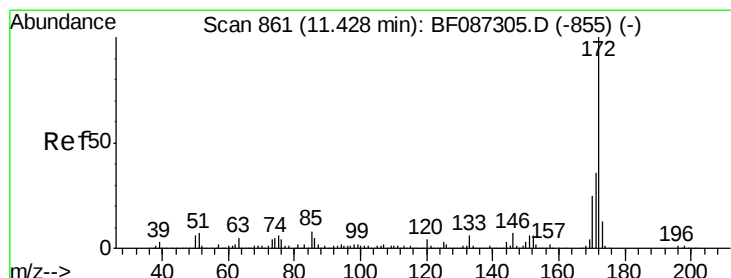
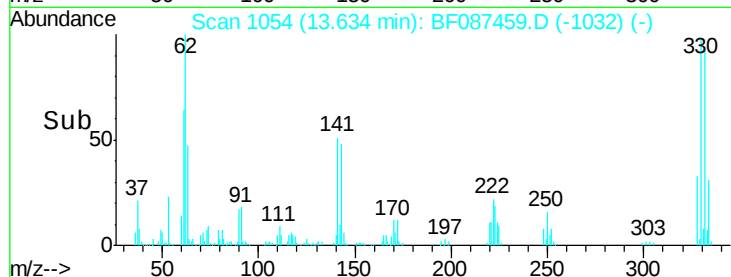
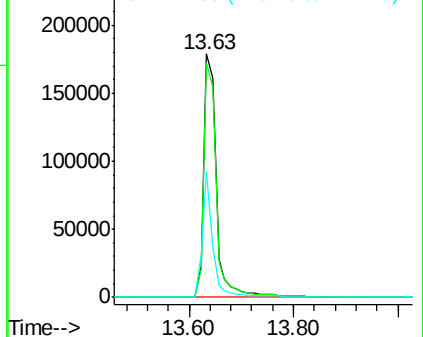
330 100

332 96.0 79.0 118.4

141 43.1 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: 83.64 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

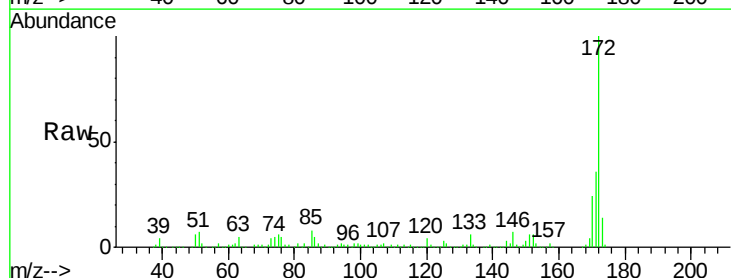
Tgt Ion:172 Resp: 1443585

Ion Ratio Lower Upper

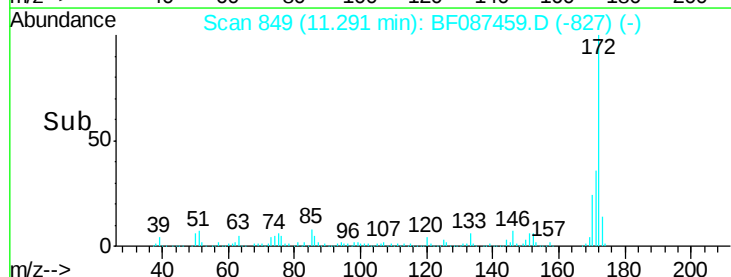
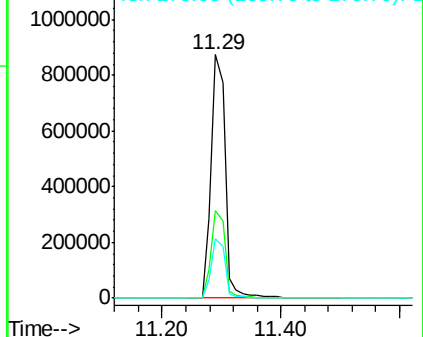
172 100

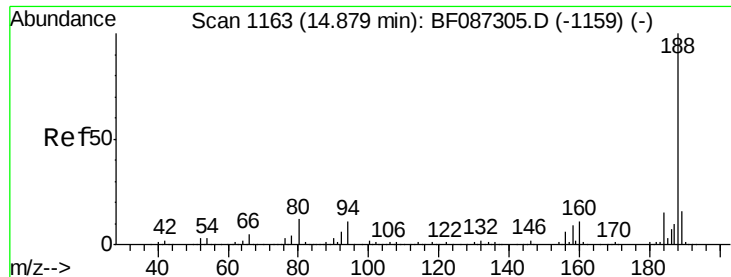
171 36.1 29.0 43.6

170 24.4 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

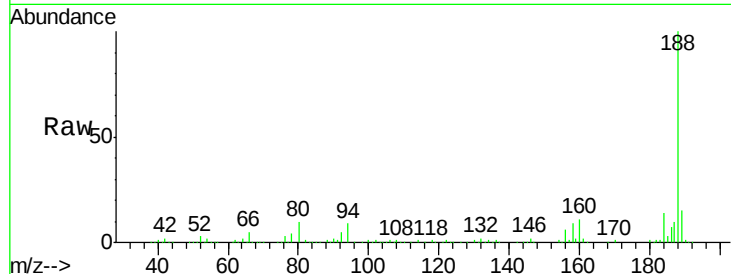




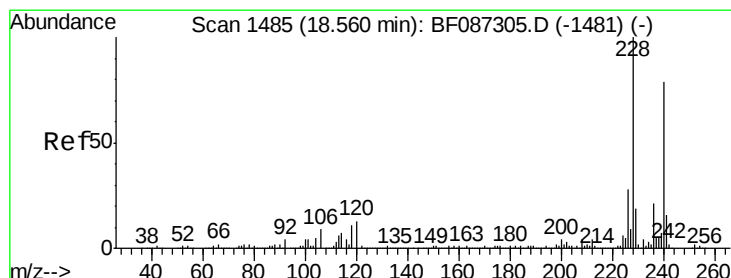
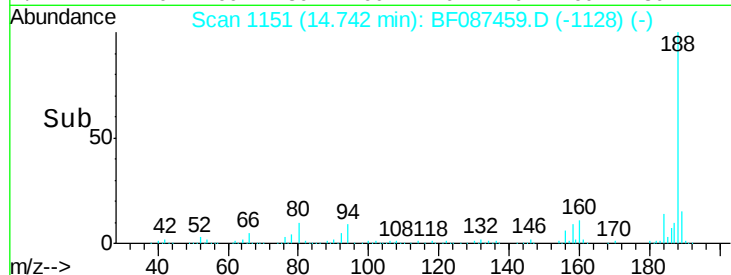
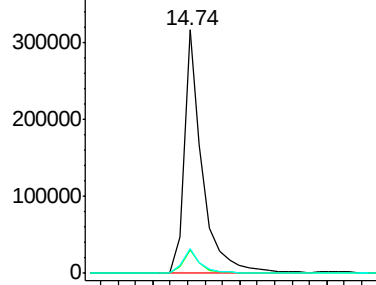
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087459.D
Acq: 28 May 2016 00:20

Instrument :
BNA_F
ClientSampleId :
MW-10

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.8	10.2
80	10.4	7.1	10.7

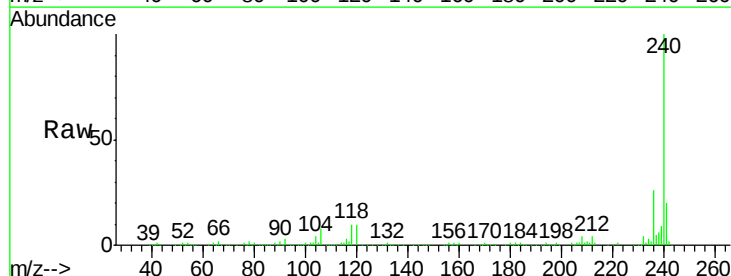


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

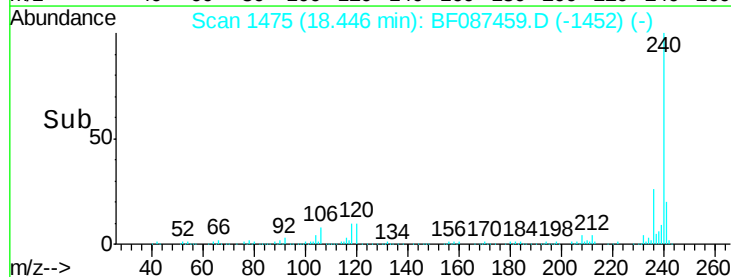
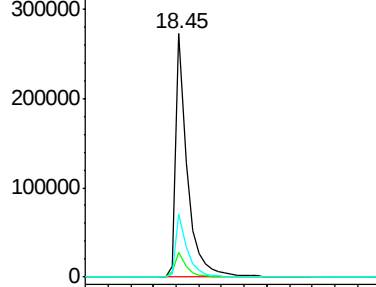


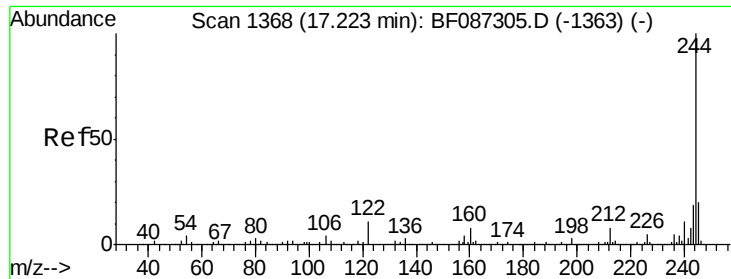
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087459.D
Acq: 28 May 2016 00:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	11.2	16.8#
236	25.8	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: 79.11 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Instrument :

BNA_F

ClientSampleId :

MW-10

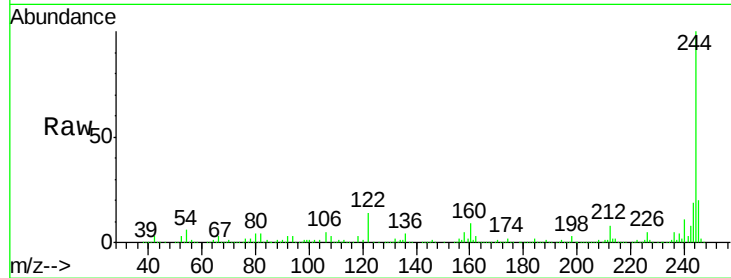
Tot Ion:244 Resp: 1384490

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

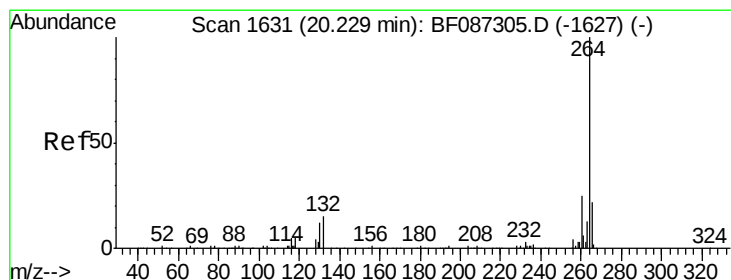
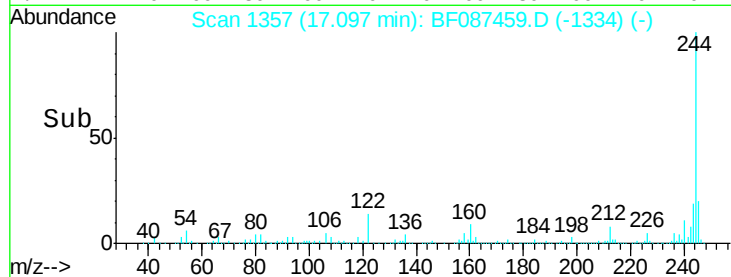
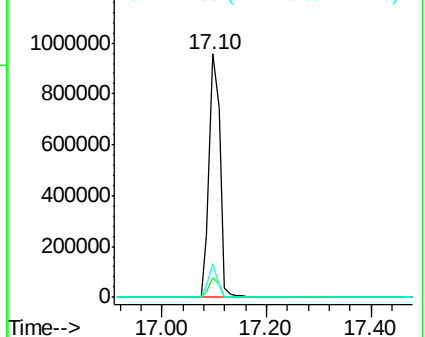
122 13.9 12.0 18.0



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: 20.11 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

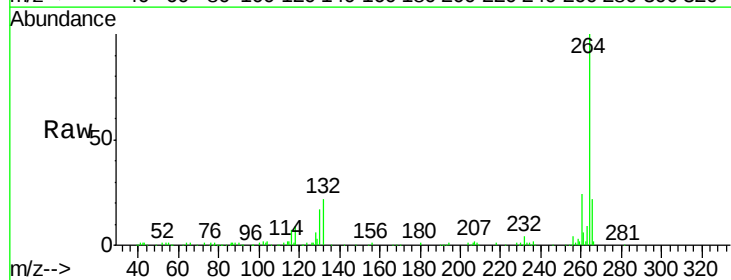
Tgt Ion:264 Resp: 270350

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.9 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

