

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087460.D
 Acq On : 28 May 2016 00:55
 Operator : UM/SJ
 Sample : H3291-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: May 28 05:19:40 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	122976	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	500235	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	247879	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	485708	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	403100	20.00	ng	-0.03
86) Perylene-d12	20.13	264	288554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	621132	88.75	ng	-0.03
7) Phenol-d6	7.03	99	561189	59.34	ng	-0.05
23) Nitrobenzene-d5	8.40	82	823520	82.97	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	339636	142.58	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1504200	85.55	ng	-0.05
78) Terphenyl-d14	17.11	244	1633425	86.15	ng	-0.02

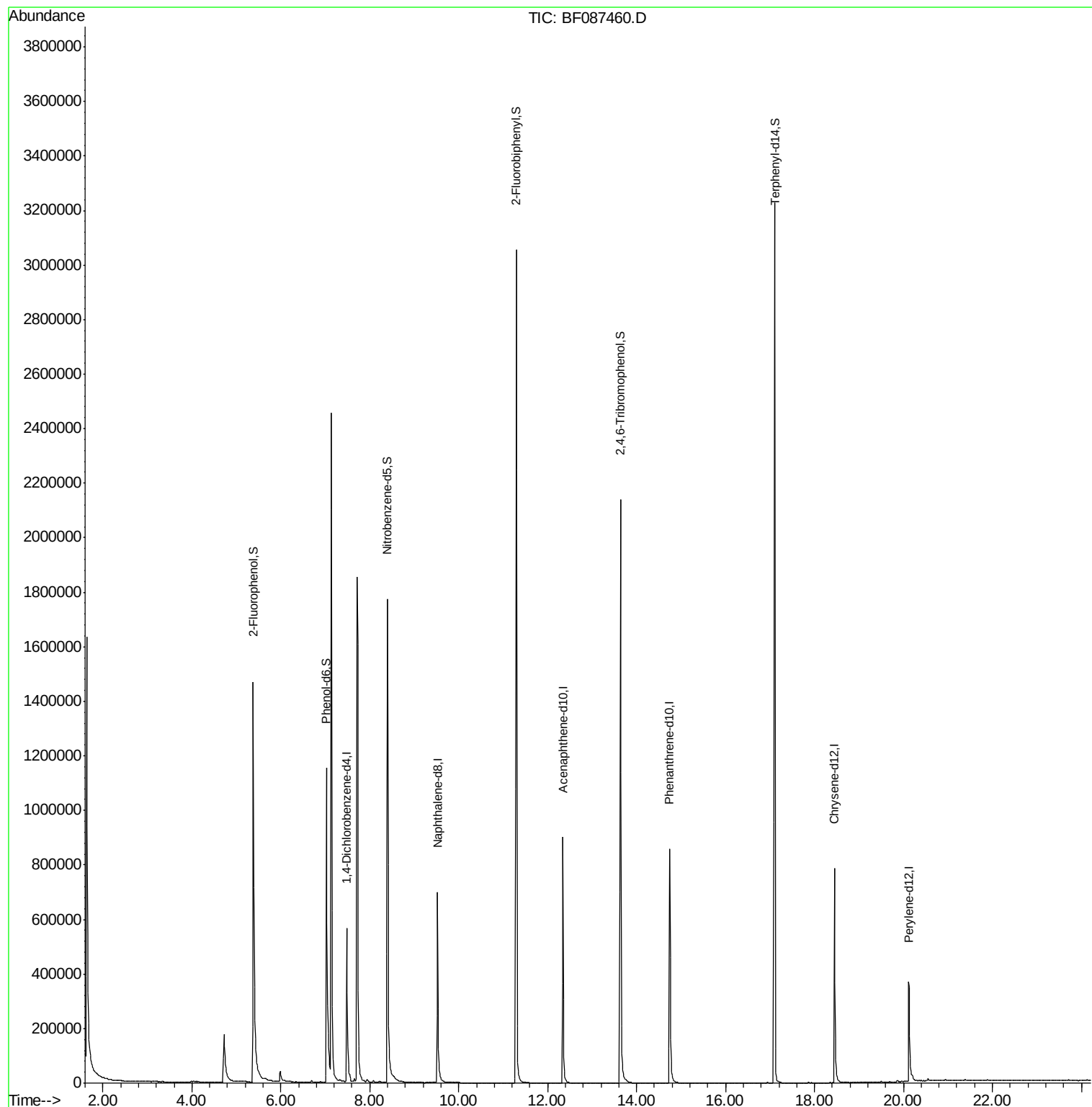
Target Compounds Qvalue

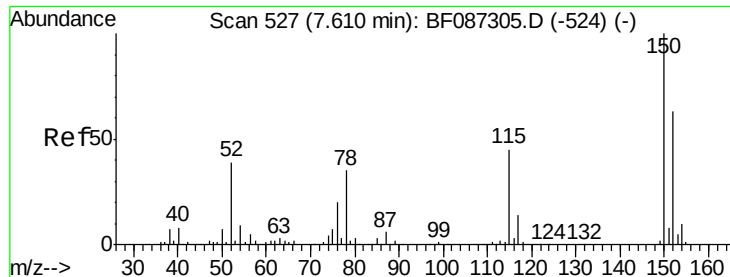
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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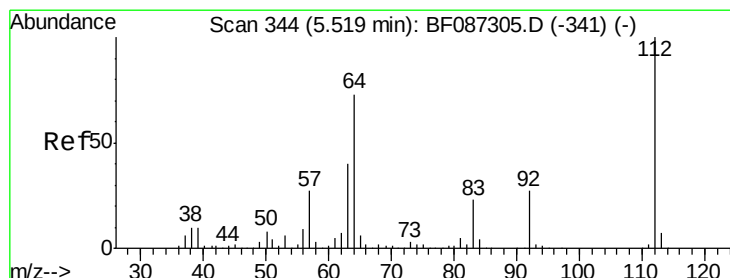
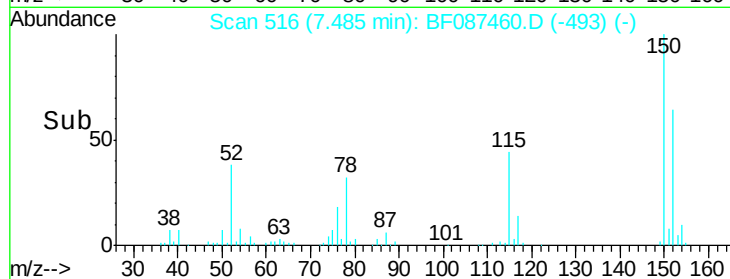
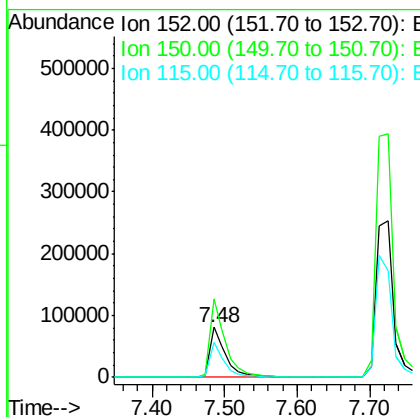
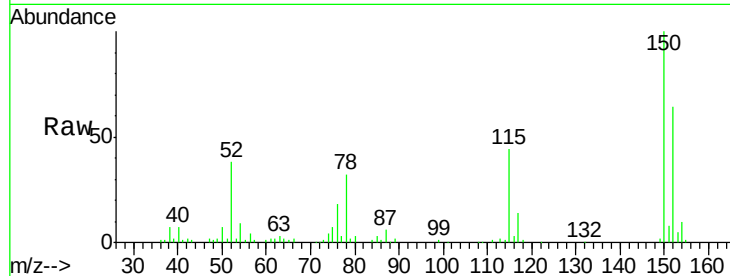


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087460.D
Acq: 28 May 2016 00:55

Instrument :
BNA_F
ClientSampleId :
MW-17

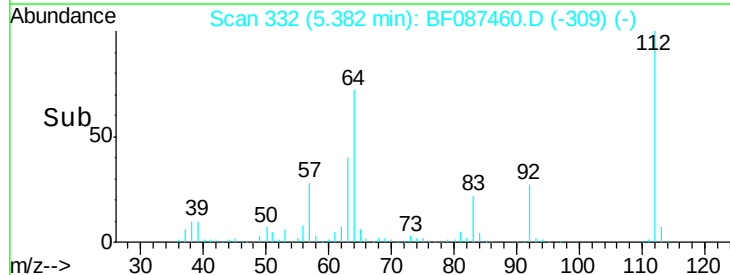
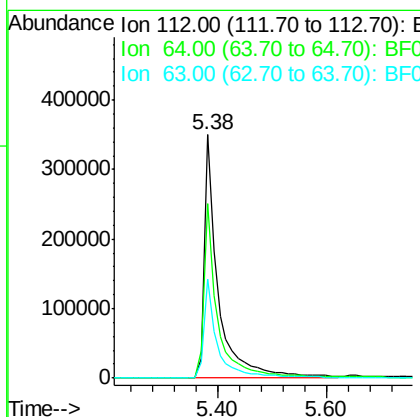
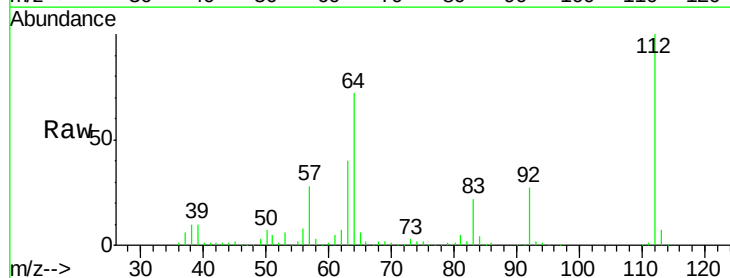
Tot Ion:152 Resp: 122976
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 69.3 51.5 77.3

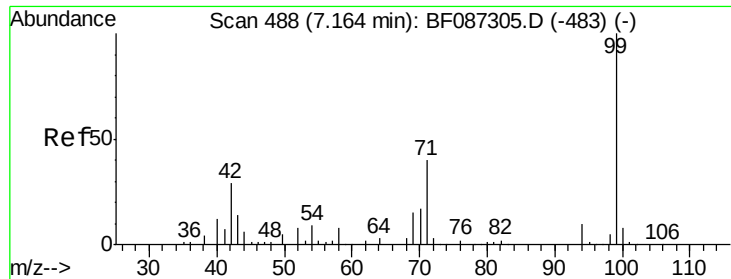


#5

2-Fluorophenol
Concen: 88.75 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.03 min
Lab File: BF087460.D
Acq: 28 May 2016 00:55

Tgt Ion:112 Resp: 621132
Ion Ratio Lower Upper
112 100
64 71.8 52.1 78.1
63 40.5 25.7 38.5#





#7

Phenol-d6

Concen: 59.34 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-17

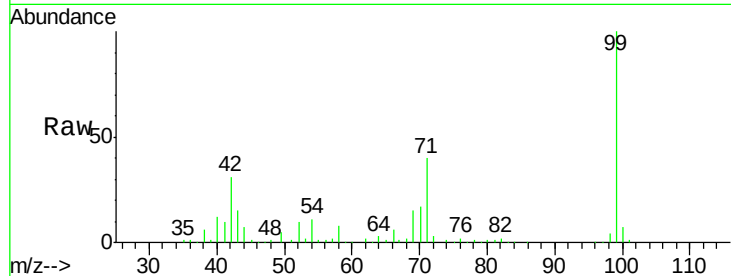
Tot Ion: 99 Resp: 561189

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

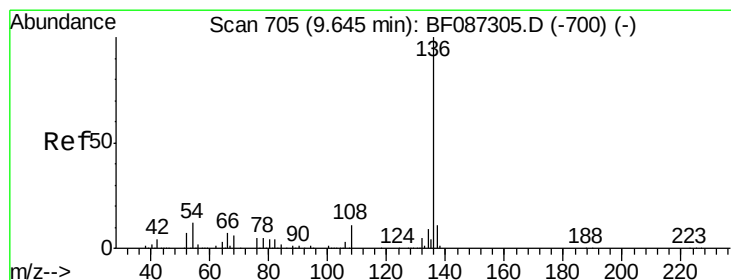
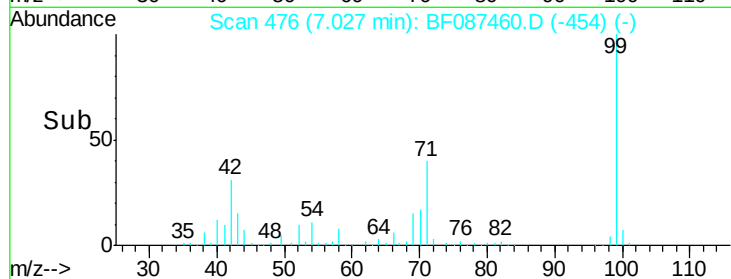
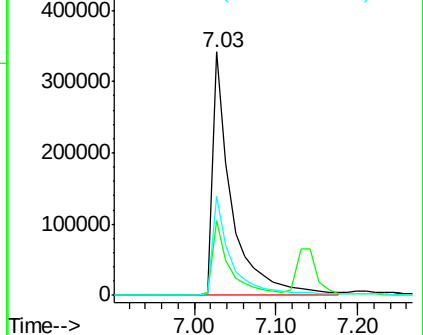
71 40.4 24.6 36.8#



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: BF087460.D

Acq: 28 May 2016 00:55

Tgt Ion: 136 Resp: 500235

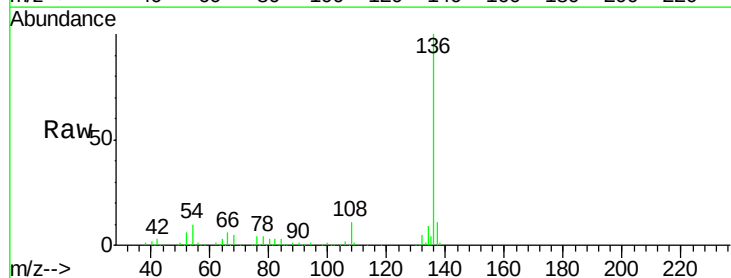
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.5 5.0 7.4#

68 5.0 4.4 6.6

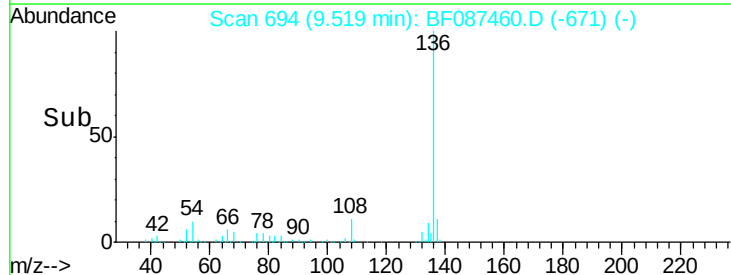
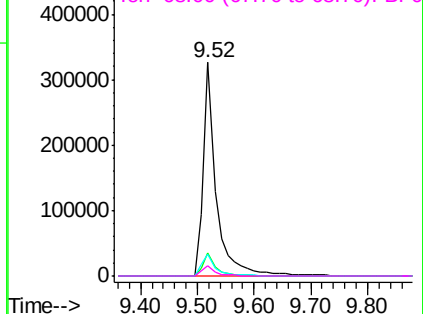


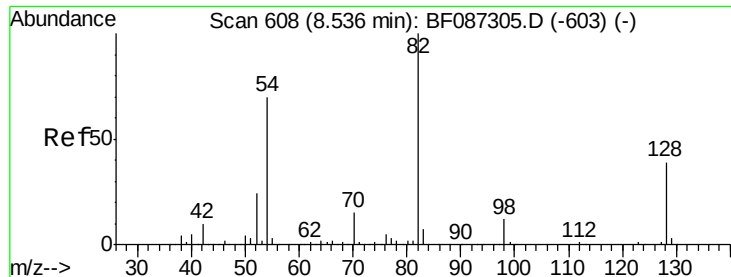
Abundance Ion 136.00 (135.70 to 136.70): E

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

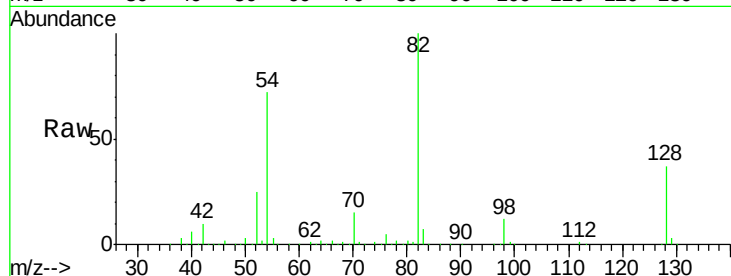




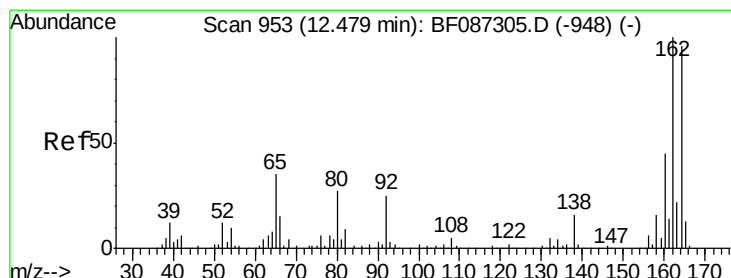
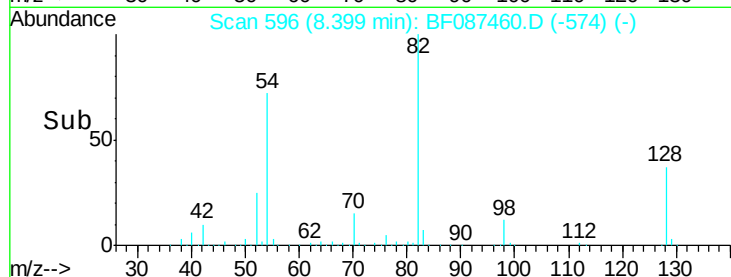
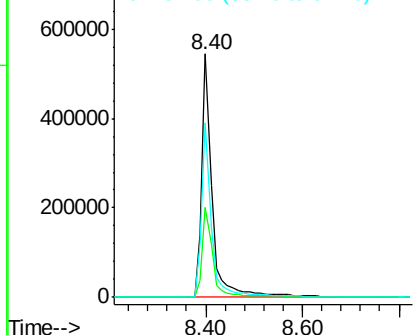
#23
 Nitrobenzene-d5
 Concen: 82.97 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087460.D
 Acq: 28 May 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion: 82 Resp: 823520
 Ion Ratio Lower Upper
 82 100
 128 37.2 40.6 61.0#
 54 71.7 38.1 57.1#

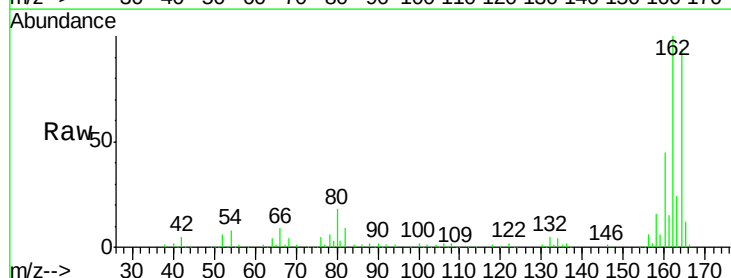


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

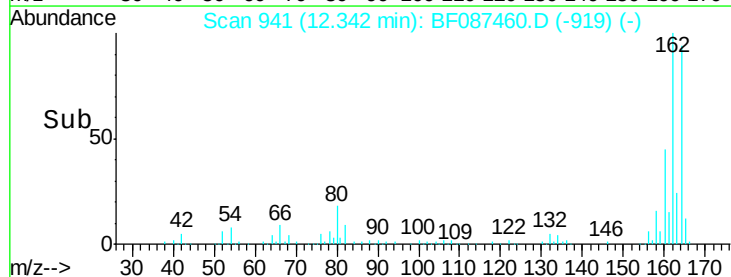
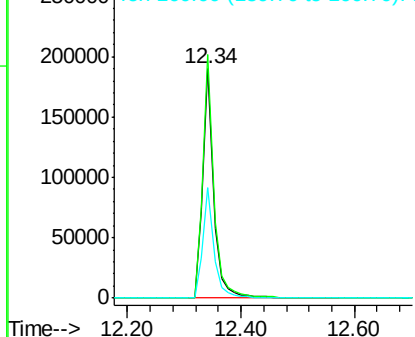


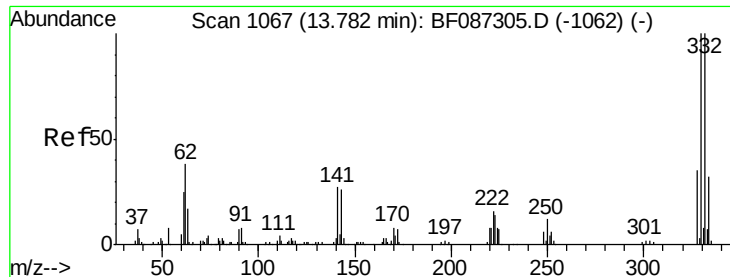
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087460.D
 Acq: 28 May 2016 00:55

Tgt Ion:164 Resp: 247879
 Ion Ratio Lower Upper
 164 100
 162 106.3 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: 142.58 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

Instrument :

BNA_F

ClientSampled :

MW-17

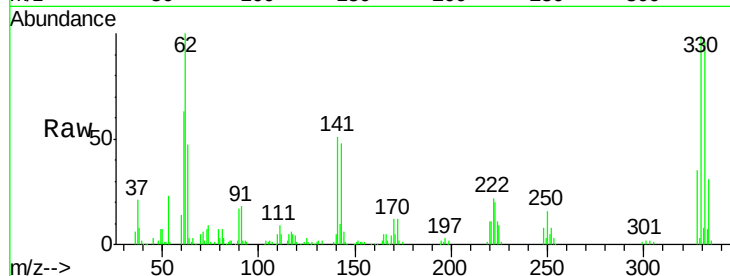
Tot Ion:330 Resp: 339636

Ion Ratio Lower Upper

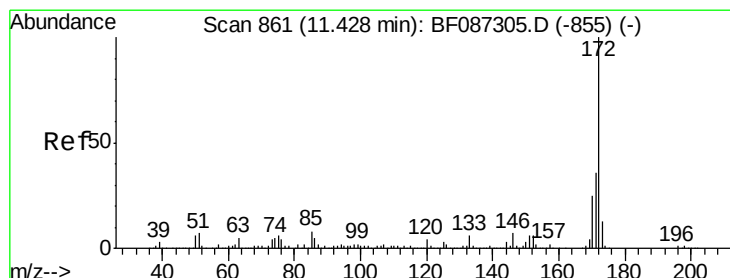
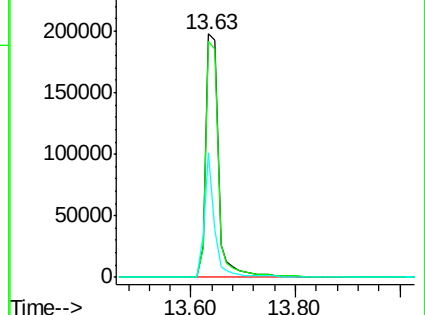
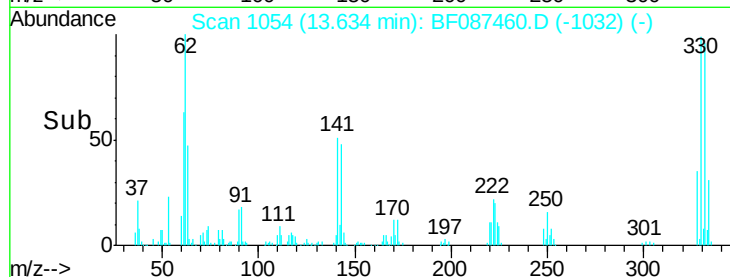
330 100

332 96.6 79.0 118.4

141 41.6 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: 85.55 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

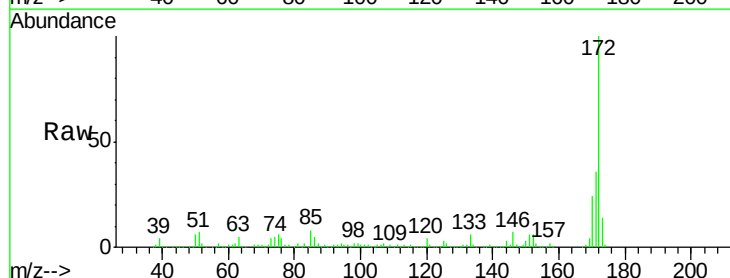
Tgt Ion:172 Resp: 1504200

Ion Ratio Lower Upper

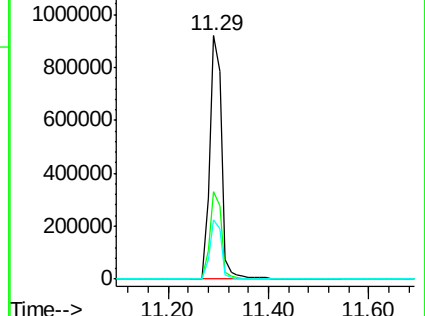
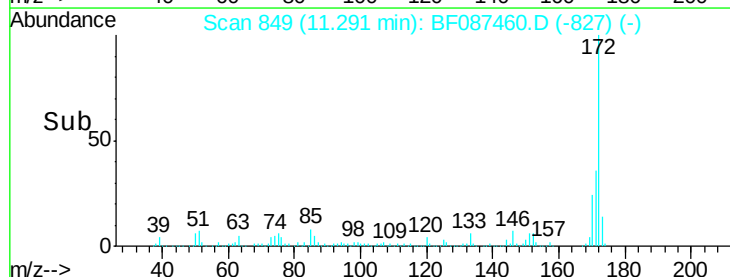
172 100

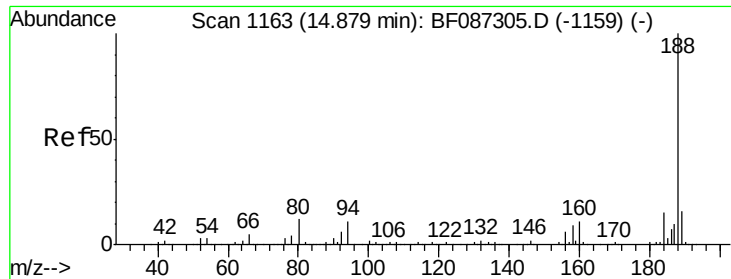
171 36.0 29.0 43.6

170 24.3 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

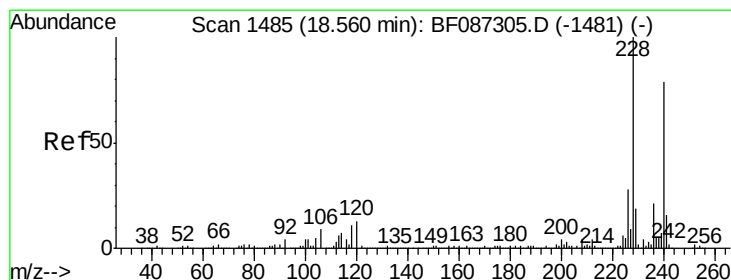
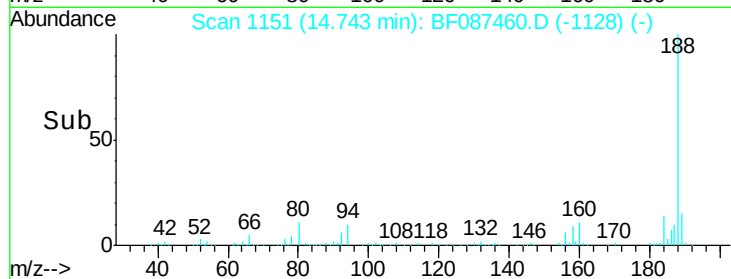
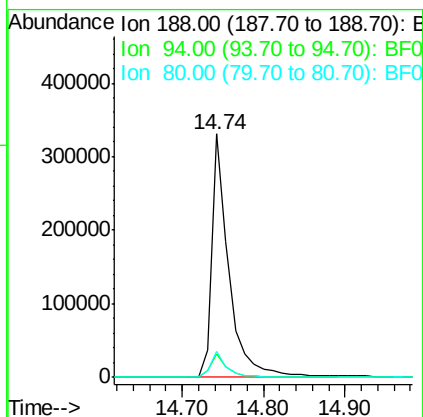
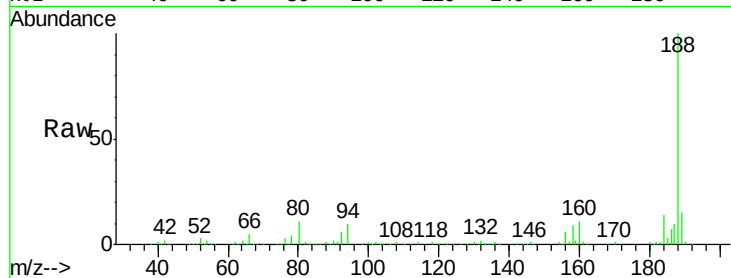




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087460.D
Acq: 28 May 2016 00:55

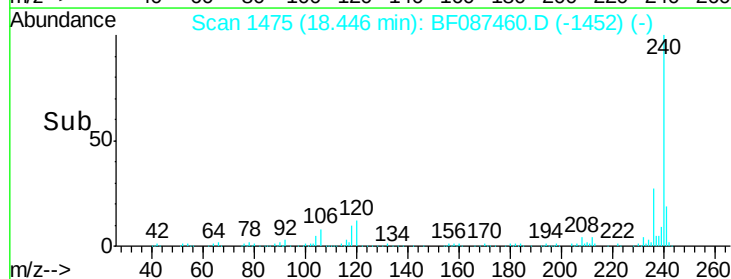
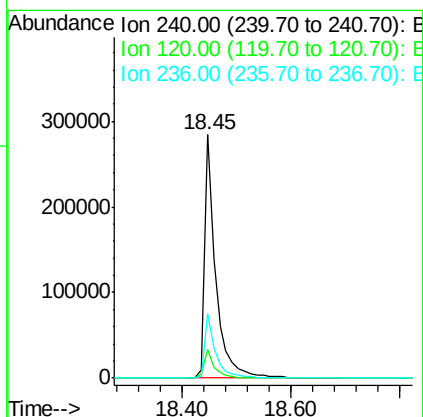
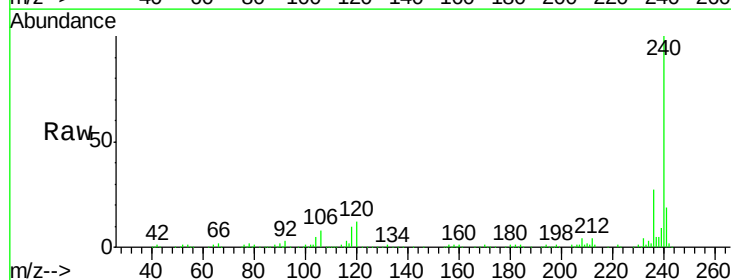
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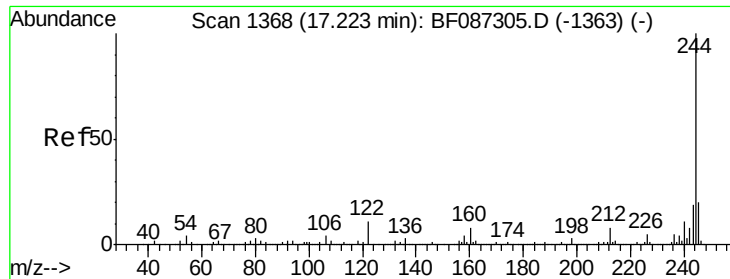
Tot Ion:188 Resp: 485708
Ion Ratio Lower Upper
188 100
94 9.8 6.8 10.2
80 10.8 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087460.D
Acq: 28 May 2016 00:55

Tgt Ion:240 Resp: 403100
Ion Ratio Lower Upper
240 100
120 11.6 11.2 16.8
236 26.6 21.2 31.8





#78

Terphenyl-d14

Concen: 86.15 ng

RT: 17.11 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-17

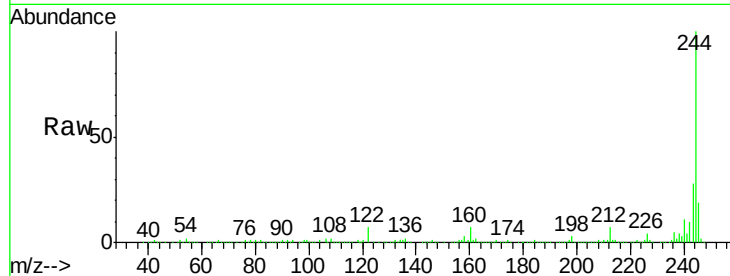
Tot Ion:244 Resp: 1633425

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

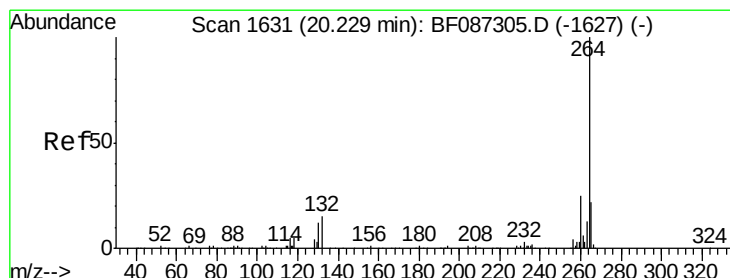
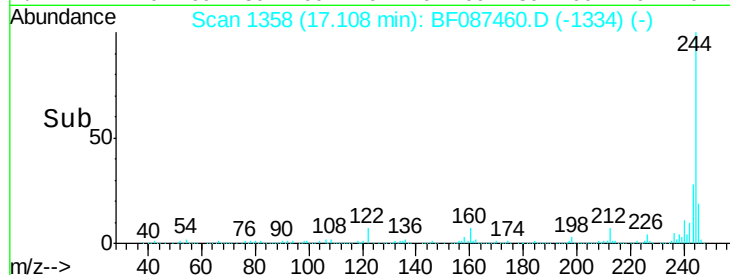
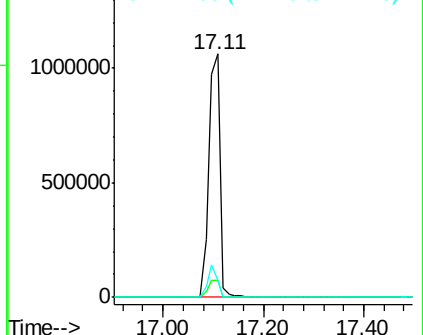
122 7.2 12.0 18.0#



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: BF087460.D

Acq: 28 May 2016 00:55

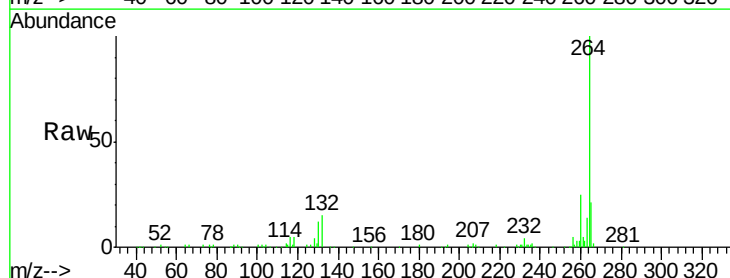
Tgt Ion:264 Resp: 288554

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 20.6 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

