

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087523.D
 Acq On : 29 May 2016 21:40
 Operator : UM/SJ
 Sample : H3222-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: May 30 07:00:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

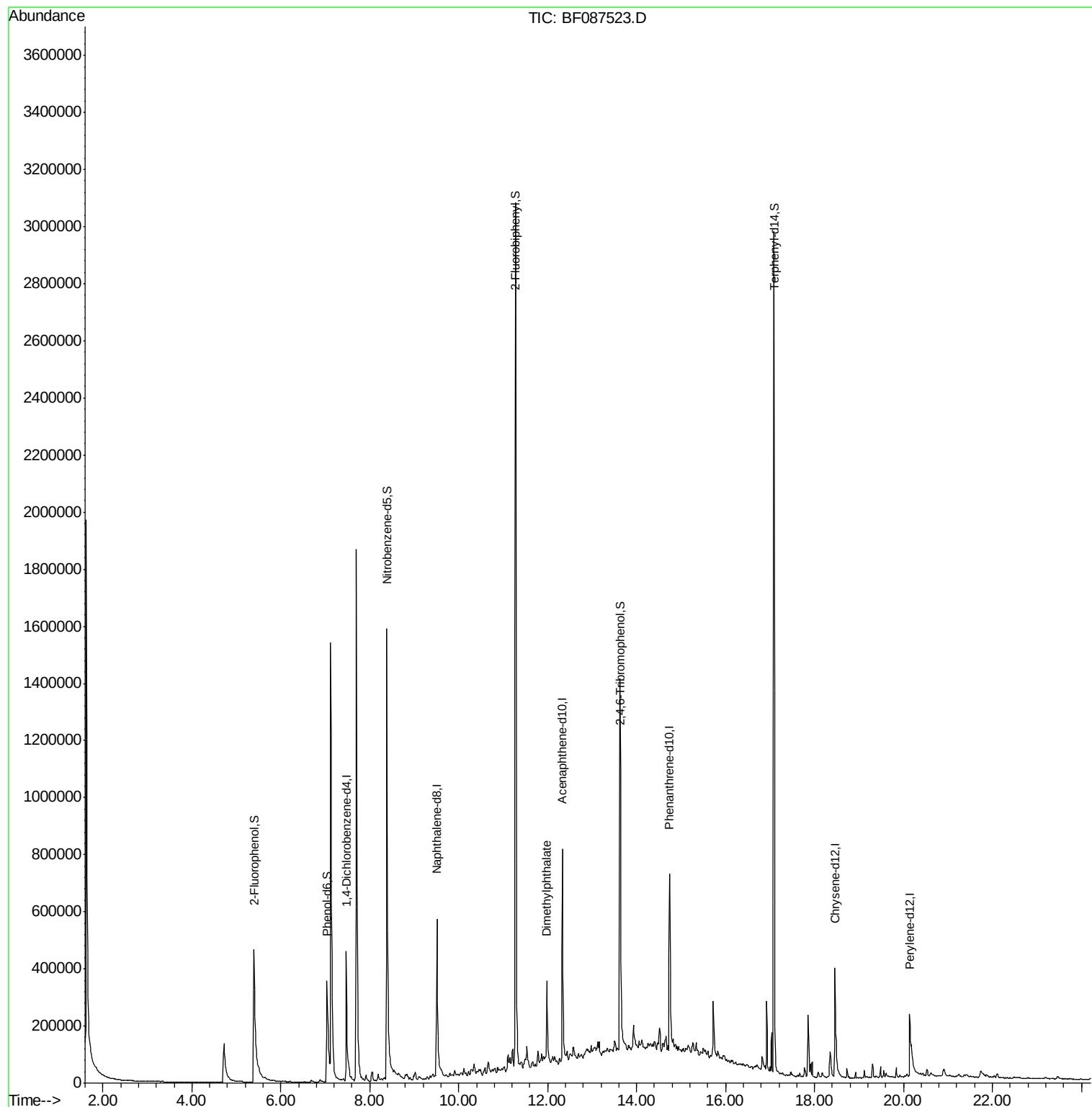
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	107570	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	441645	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	210760	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	388406	20.00	ng	0.00
75) Chrysene-d12	18.46	240	277652	20.00	ng	0.01
86) Perylene-d12	20.14	264	227064	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	334658	54.67	ng	0.02
7) Phenol-d6	7.04	99	315816	38.18	ng	0.00
23) Nitrobenzene-d5	8.39	82	750093	85.60	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	223108	110.16	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1197491	80.10	ng	-0.01
78) Terphenyl-d14	17.09	244	1075629	82.36	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.98	163	163839	9.70	ng	Qvalue 100

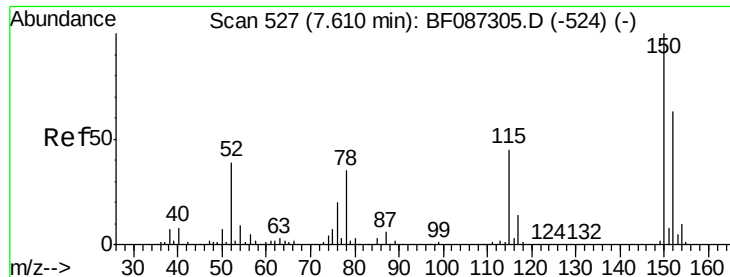
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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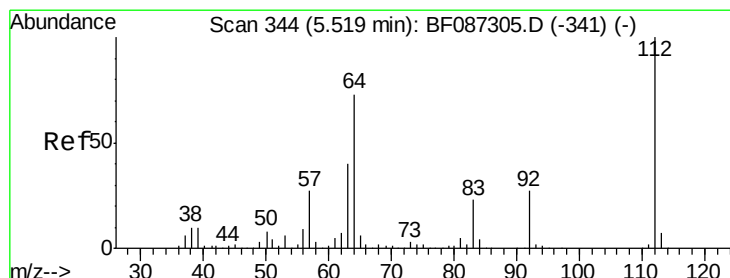
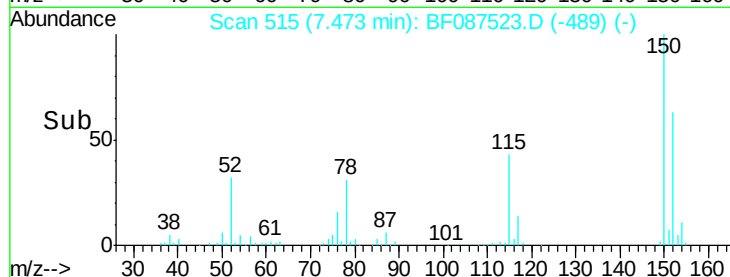
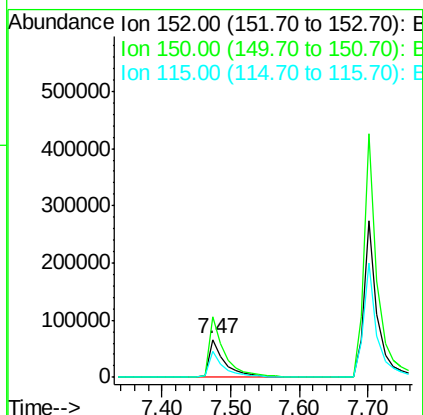
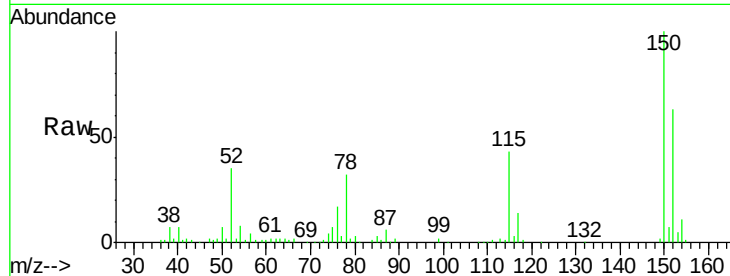


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087523.D
Acq: 29 May 2016 21:40

Instrument :
BNA_F
ClientSampled :
MW-31

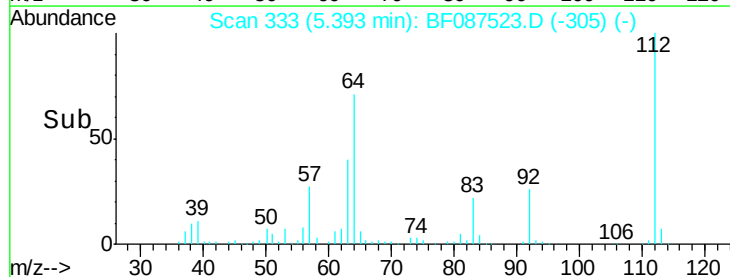
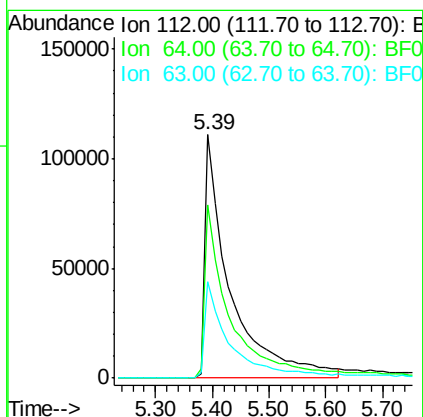
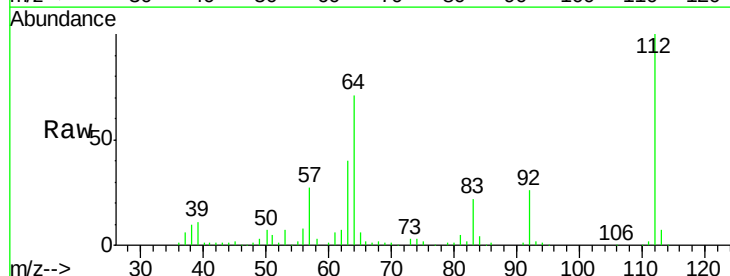
Tot Ion:152 Resp: 107570
Ion Ratio Lower Upper
152 100
150 159.4 125.8 188.6
115 68.2 51.5 77.3

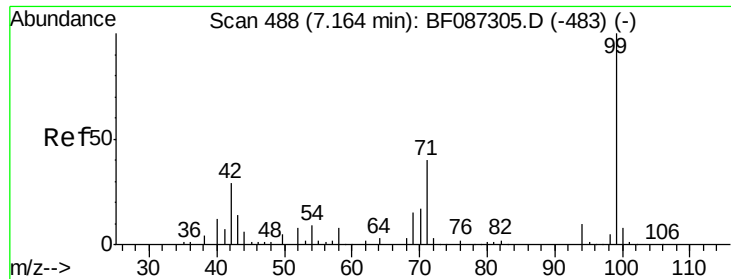


#5

2-Fluorophenol
Concen: 54.67 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF087523.D
Acq: 29 May 2016 21:40

Tgt Ion:112 Resp: 334658
Ion Ratio Lower Upper
112 100
64 71.0 52.1 78.1
63 39.7 25.7 38.5#





#7

Phenol-d6

Concen: 38.18 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampled :

MW-31

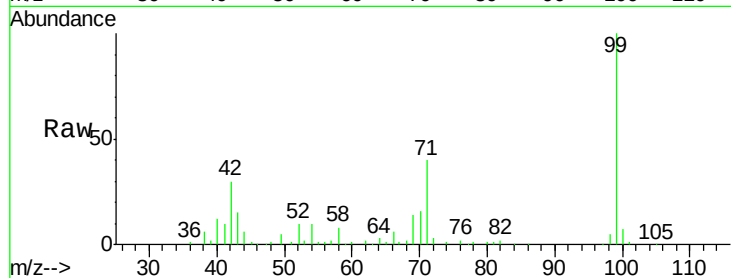
Tot Ion: 99 Resp: 315816

Ion Ratio Lower Upper

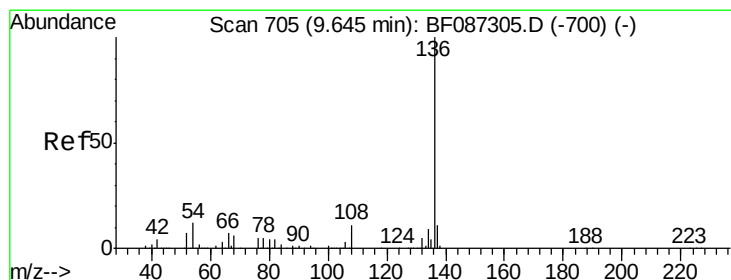
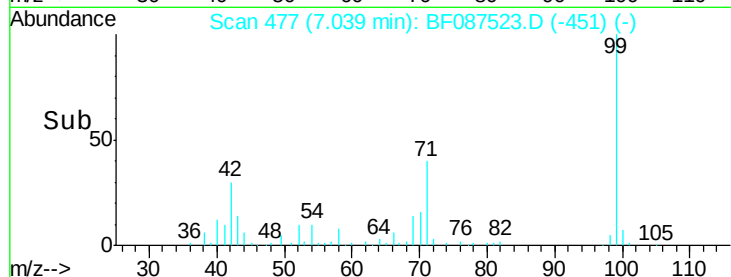
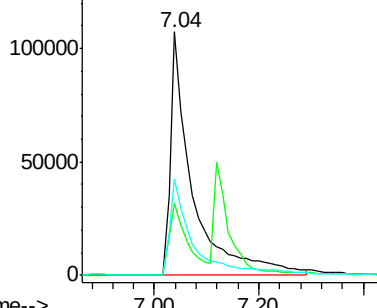
99 100

42 29.5 13.6 20.4#

71 39.8 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: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Tgt Ion: 136 Resp: 441645

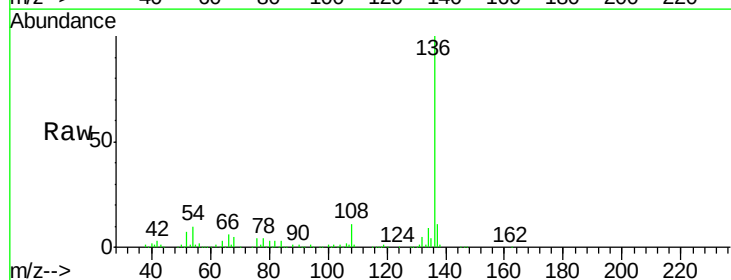
Ion Ratio Lower Upper

136 100

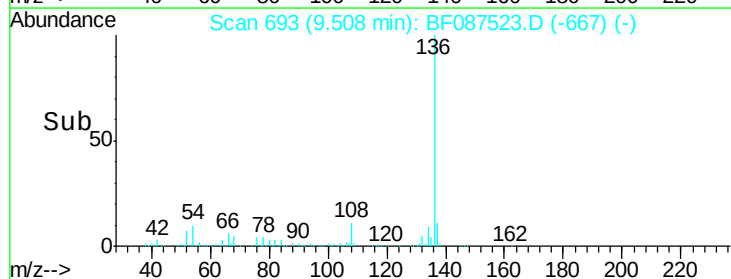
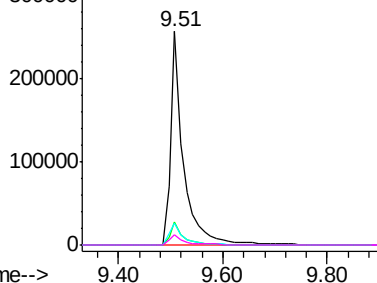
137 10.6 8.8 13.2

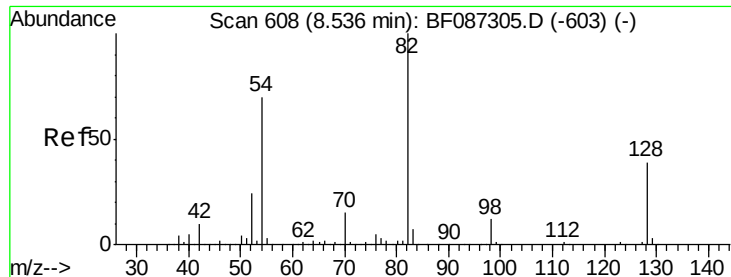
54 10.3 5.0 7.4#

68 4.9 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

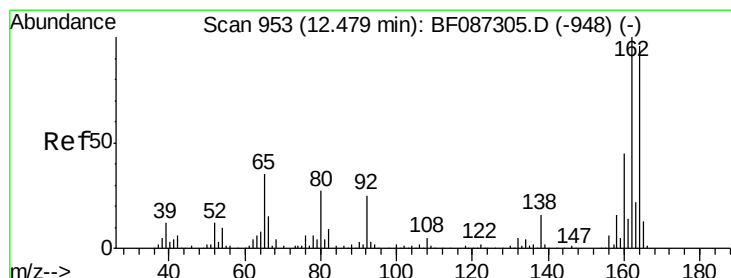
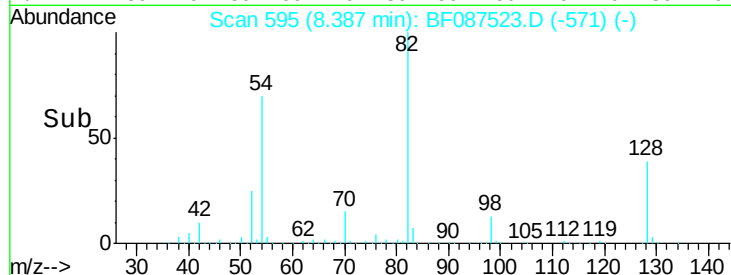
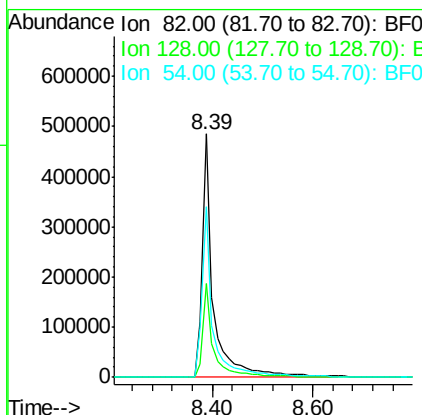
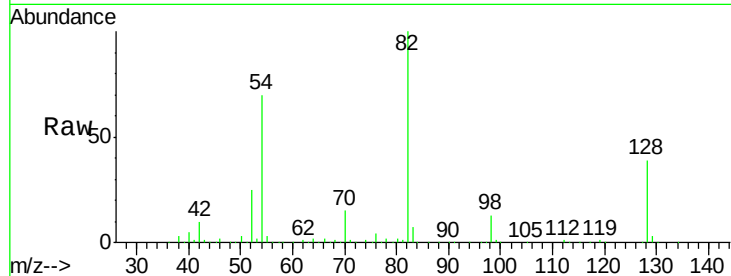




#23
Nitrobenzene-d5
Concen: 85.60 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF087523.D
Acq: 29 May 2016 21:40

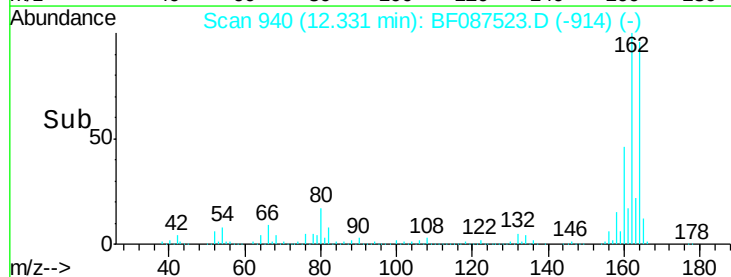
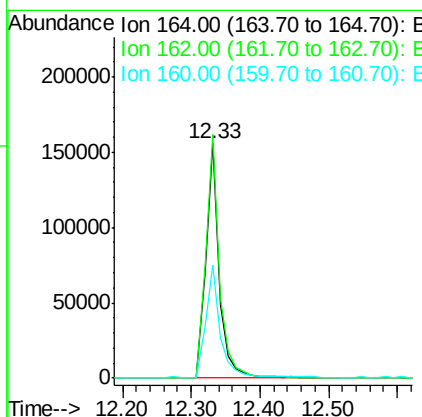
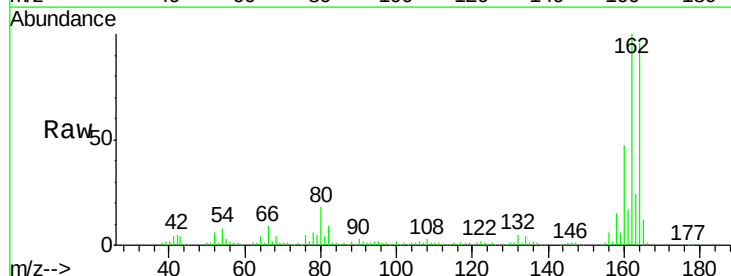
Instrument :
BNA_F
ClientSampleId :
MW-31

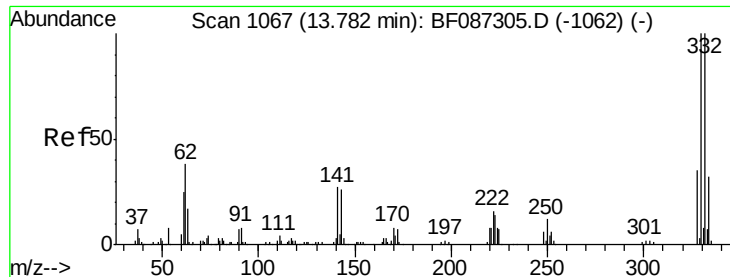
Tot Ion: 82 Resp: 750093
Ion Ratio Lower Upper
82 100
128 38.7 40.6 61.0#
54 70.2 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF087523.D
Acq: 29 May 2016 21:40

Tgt Ion: 164 Resp: 210760
Ion Ratio Lower Upper
164 100
162 104.0 82.8 124.2
160 48.6 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 110.16 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

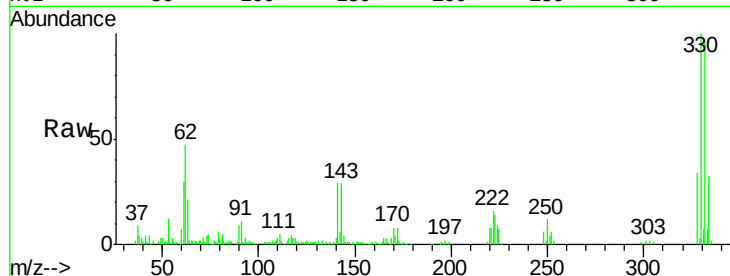
Tot Ion:330 Resp: 223108

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

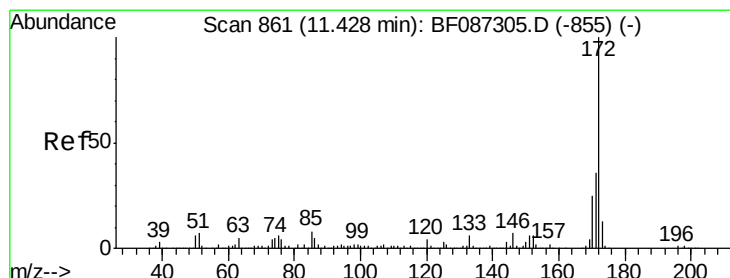
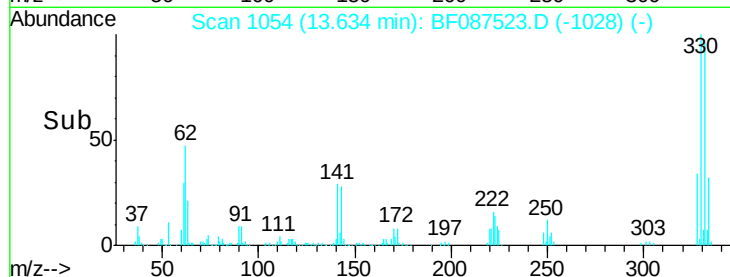
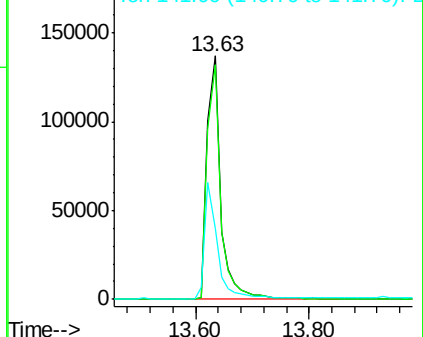
141 43.9 31.2 46.8



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: 80.10 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

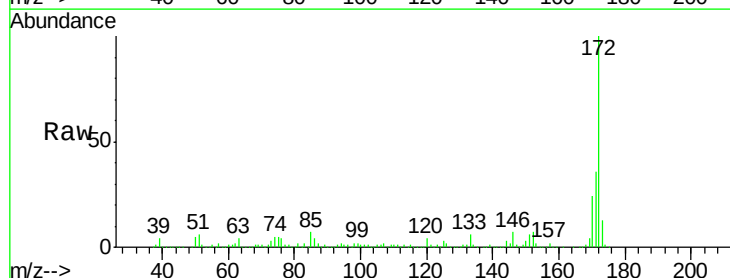
Tgt Ion:172 Resp: 1197491

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

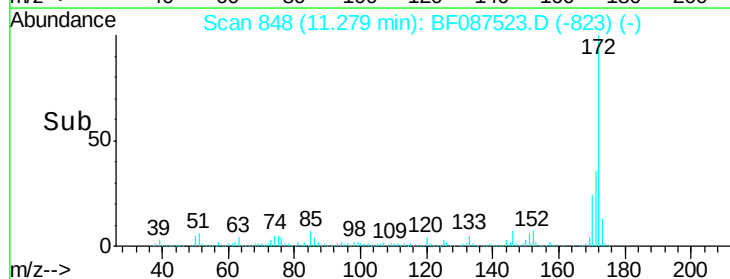
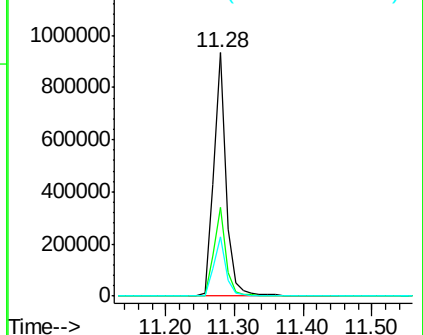
170 24.4 19.8 29.8

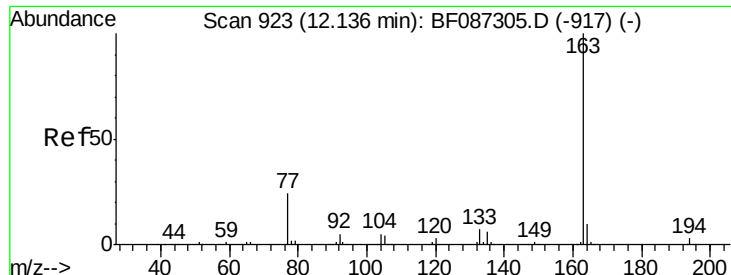


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.70 ng

RT: 11.98 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

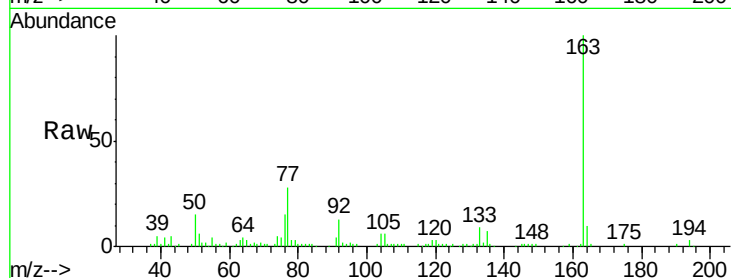
Tot Ion:163 Resp: 163839

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

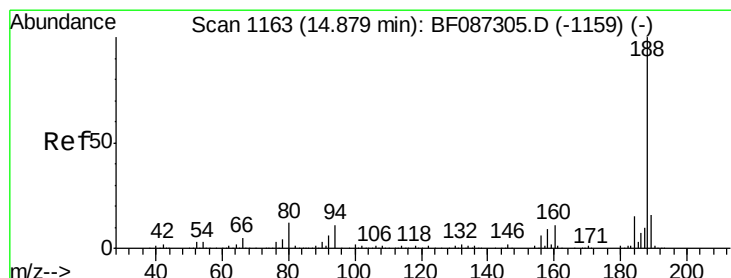
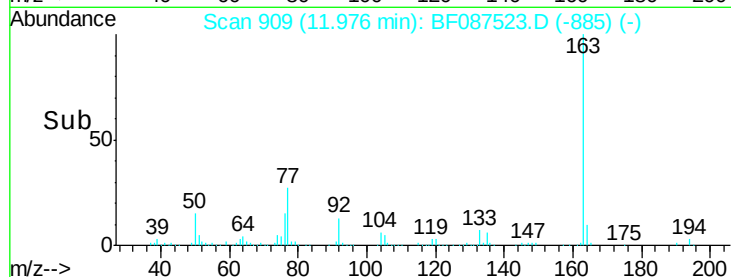
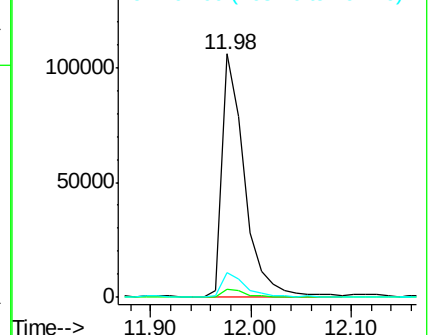
164 10.3 8.2 12.4



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: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

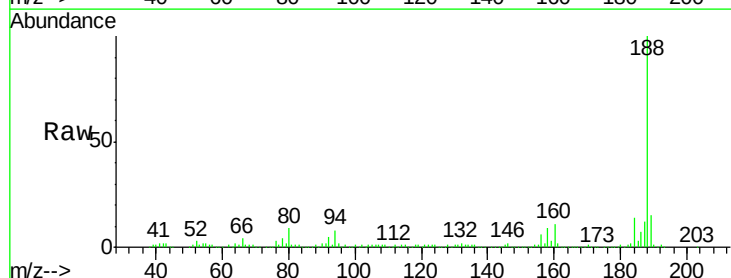
Tgt Ion:188 Resp: 388406

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

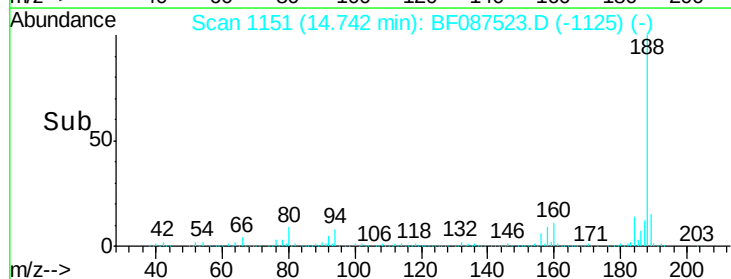
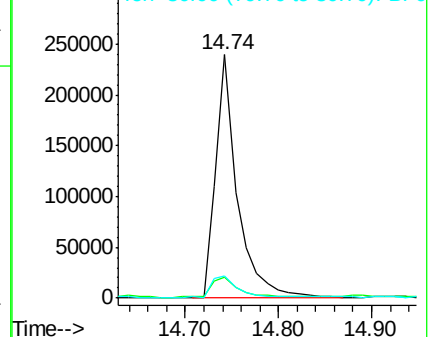
80 9.2 7.1 10.7

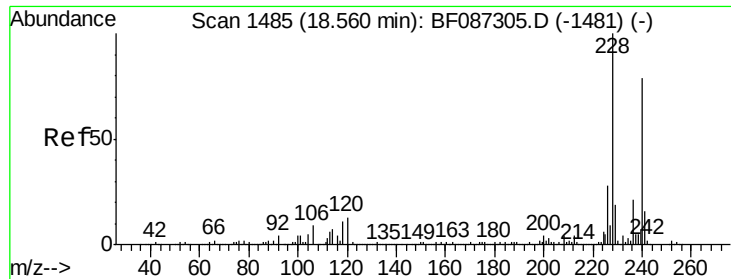


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

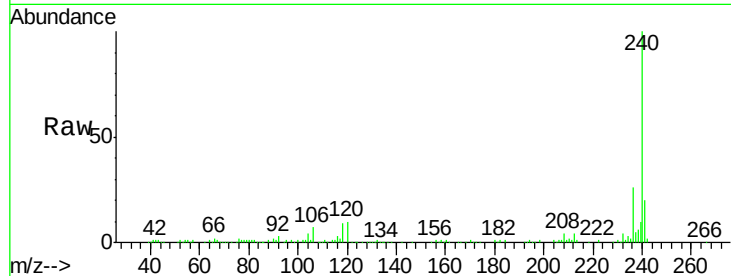
Tot Ion:240 Resp: 277652

Ion Ratio Lower Upper

240 100

120 9.6 11.2 16.8#

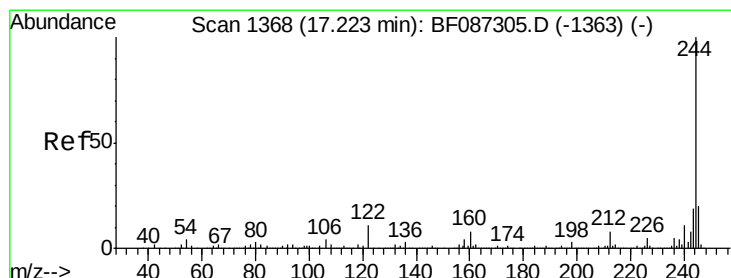
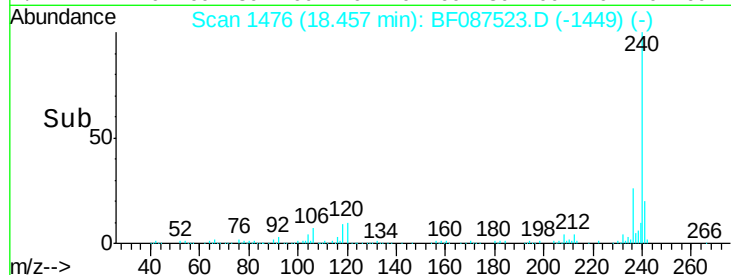
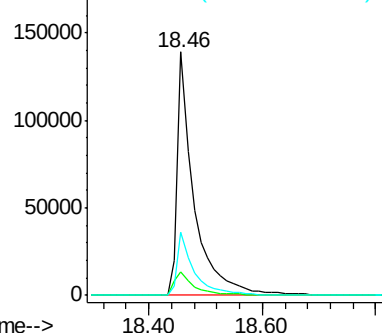
236 25.9 21.2 31.8



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: 82.36 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

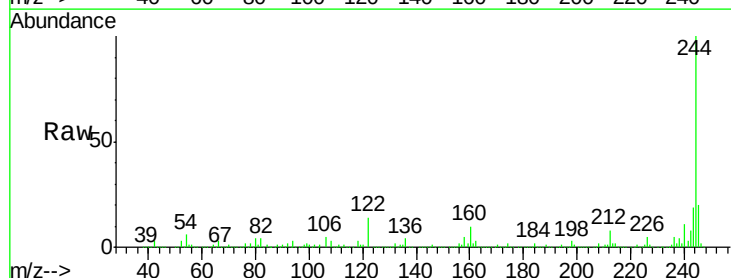
Tgt Ion:244 Resp: 1075629

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

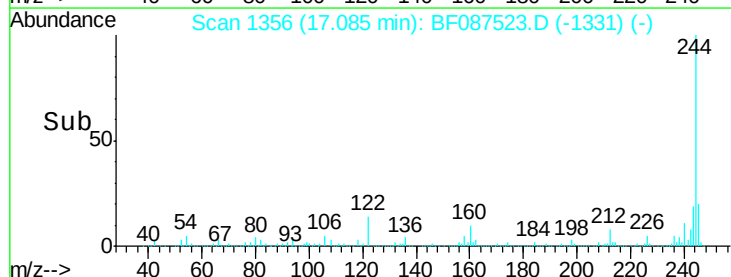
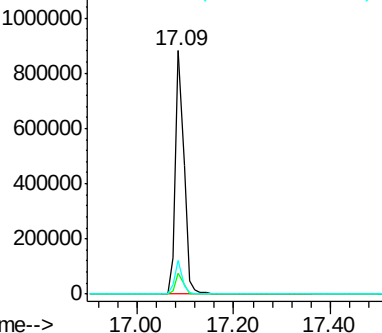
122 14.0 12.0 18.0

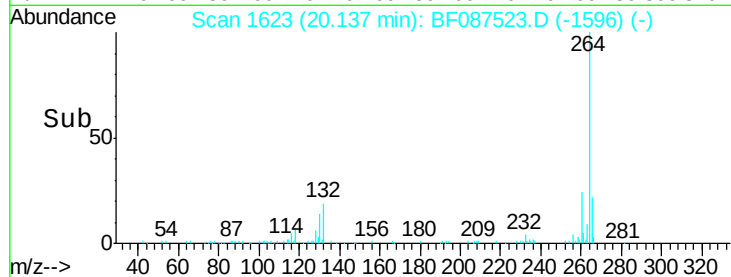
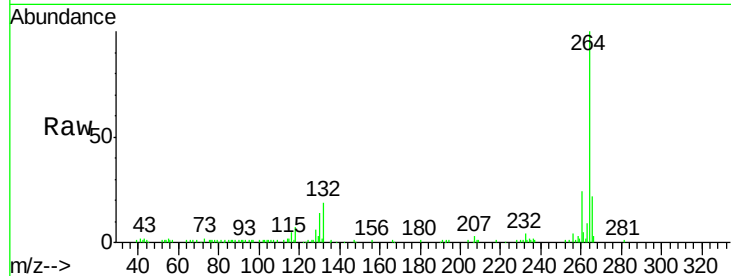
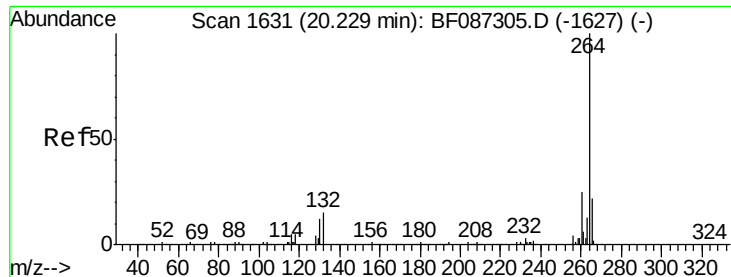


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF087523.D
 Acq: 29 May 2016 21:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.8	17.3	25.9

