

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087513.D
 Acq On : 29 May 2016 10:34
 Operator : UM/SJ
 Sample : H3222-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Quant Time: May 31 19:05:49 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 04:10:04 2016
 Response via : Initial Calibration

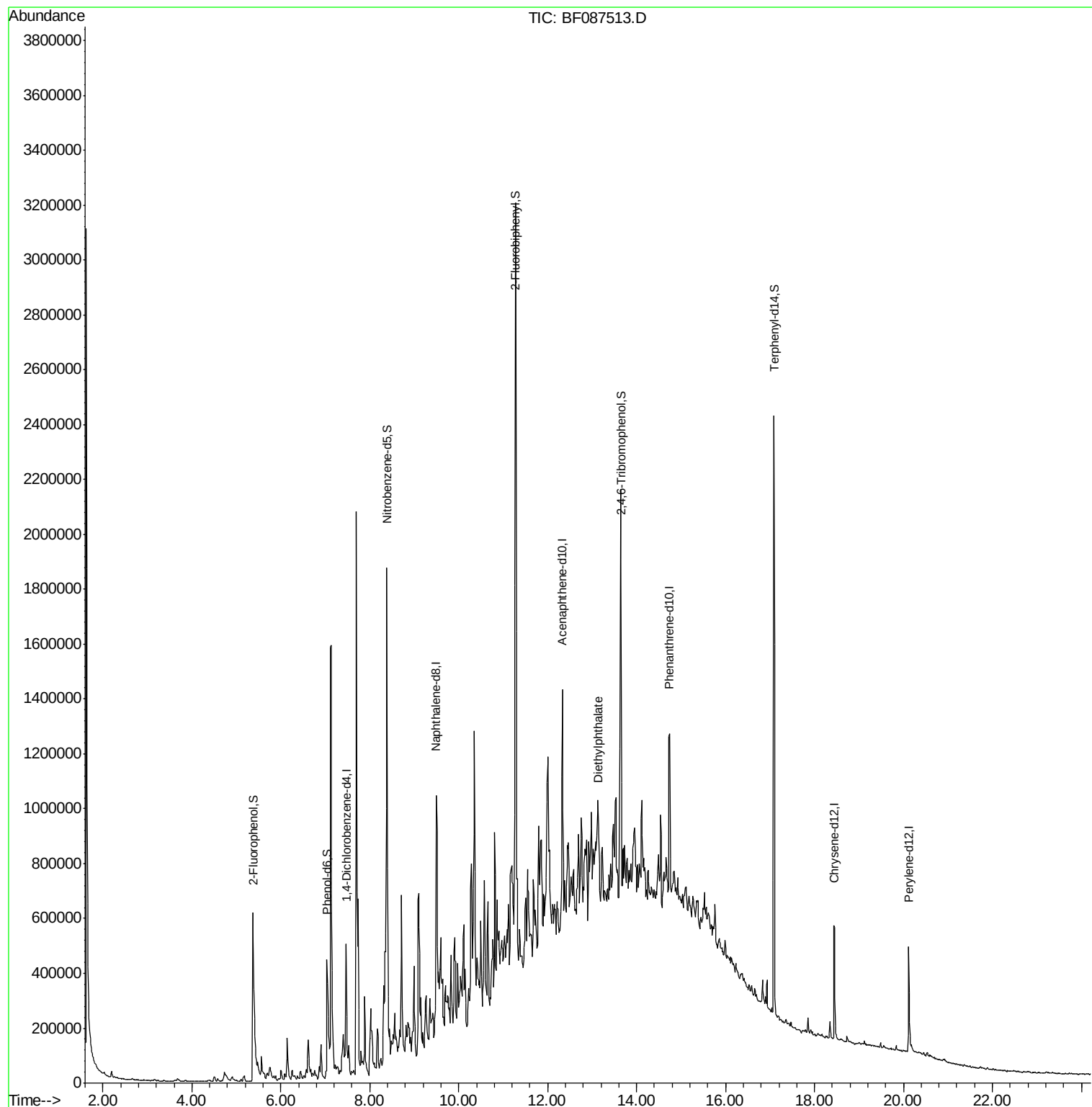
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	111169	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	442685	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	230038	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	360106	20.00	ng	0.01
75) Chrysene-d12	18.45	240	256402	20.00	ng	0.01
86) Perylene-d12	20.11	264	210617	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	399059	63.08	ng	0.02
7) Phenol-d6	7.04	99	347140	40.61	ng	0.00
23) Nitrobenzene-d5	8.39	82	742524	84.53	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	255020	115.36	ng	0.01
44) 2-Fluorobiphenyl	11.28	172	1151437	70.57	ng	-0.01
78) Terphenyl-d14	17.09	244	880929	73.04	ng	0.00
Target Compounds						
59) Diethylphthalate	13.14	149	50241	2.80	ng	Qvalue # 66

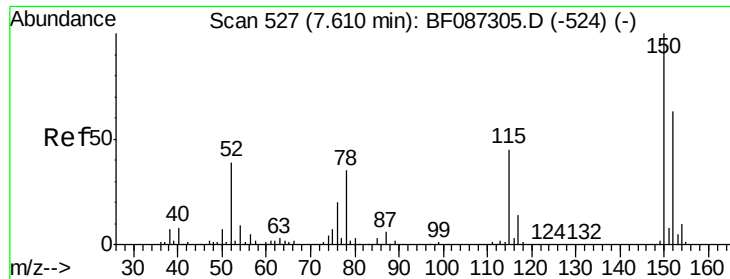
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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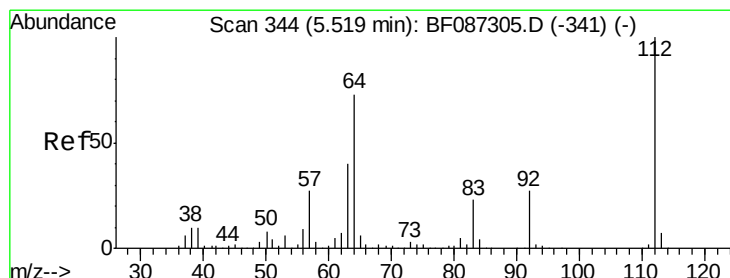
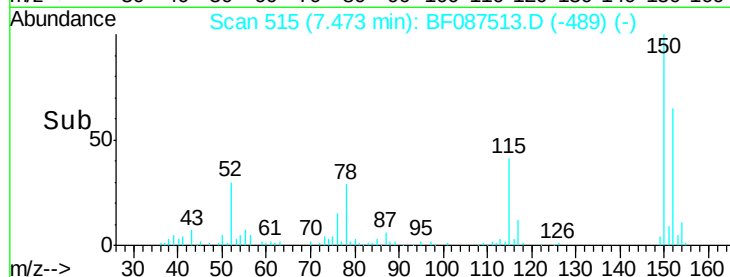
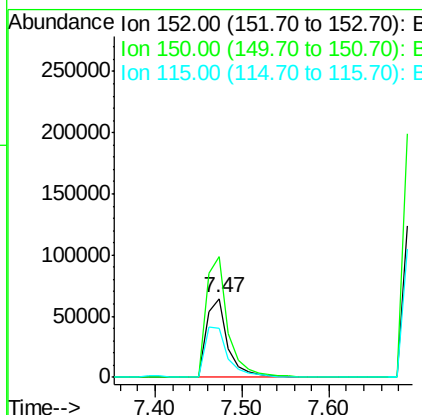
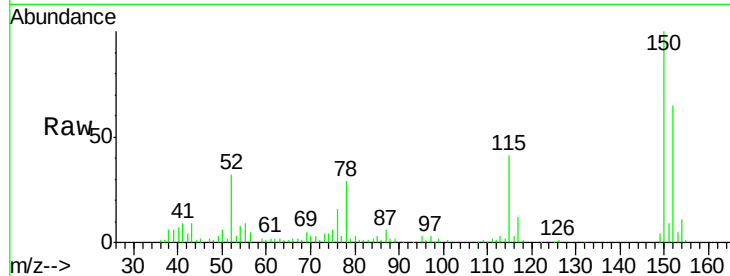


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087513.D
Acq: 29 May 2016 10:34

Instrument :
BNA_F
ClientSampleId :
MW-33

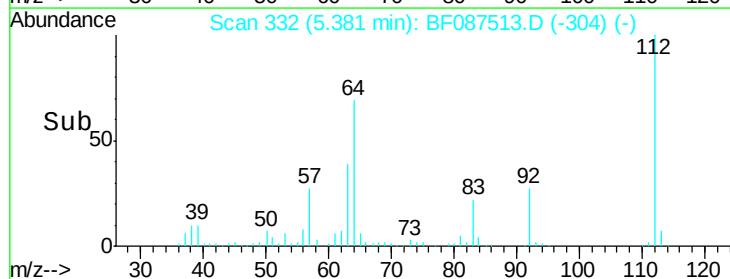
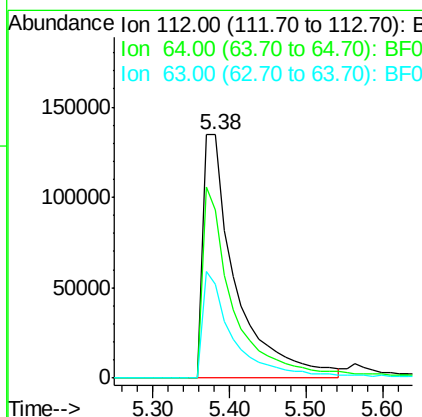
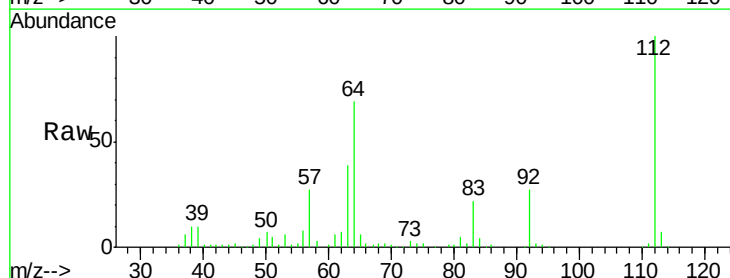
Tgt Ion:152 Resp: 111169
Ion Ratio Lower Upper
152 100
150 153.6 125.8 188.6
115 62.7 51.5 77.3

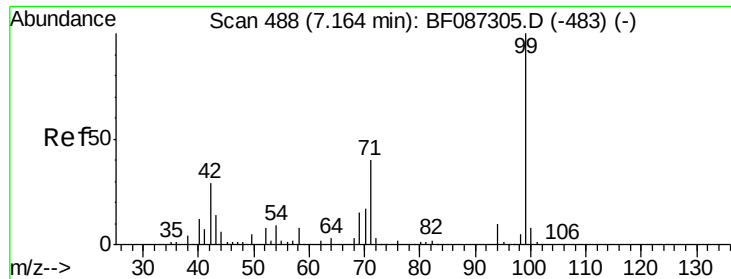


#5

2-Fluorophenol
Concen: 63.08 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.02 min
Lab File: BF087513.D
Acq: 29 May 2016 10:34

Tgt Ion:112 Resp: 399059
Ion Ratio Lower Upper
112 100
64 69.0 52.1 78.1
63 38.8 25.7 38.5#





#7

Phenol-d6

Concen: 40.61 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087513.D

Acq: 29 May 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MW-33

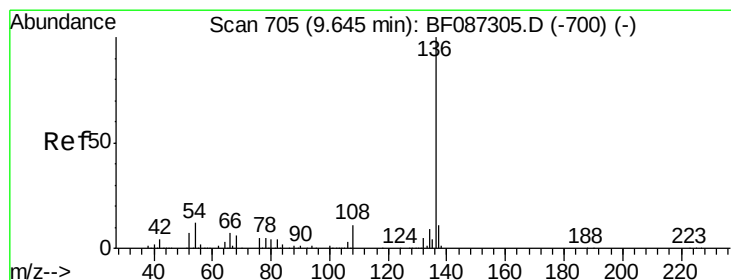
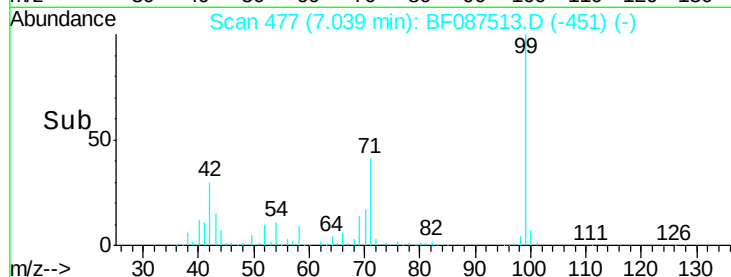
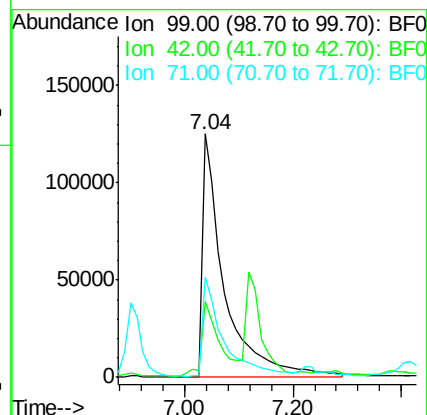
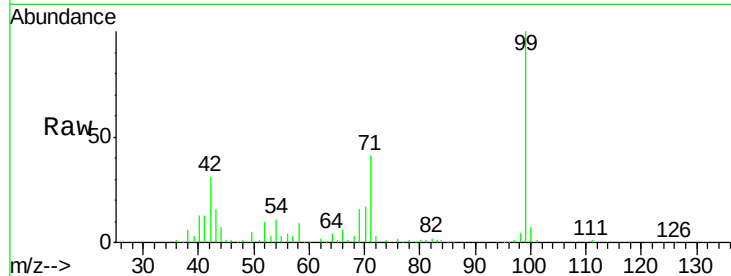
Tgt Ion: 99 Resp: 347140

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

71 41.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087513.D

Acq: 29 May 2016 10:34

Tgt Ion: 136 Resp: 442685

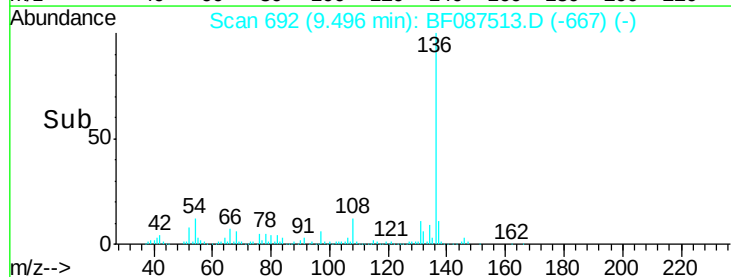
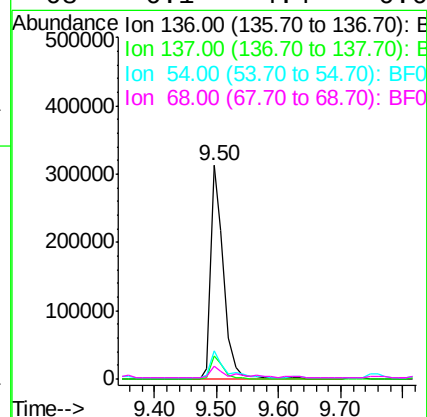
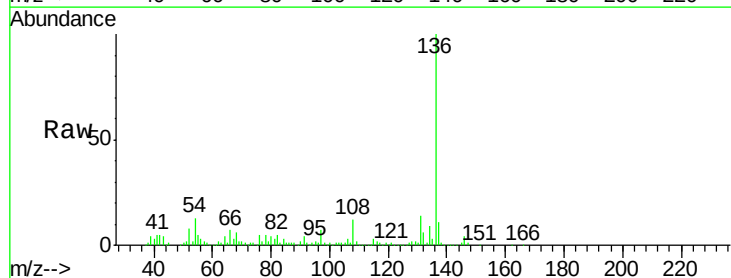
Ion Ratio Lower Upper

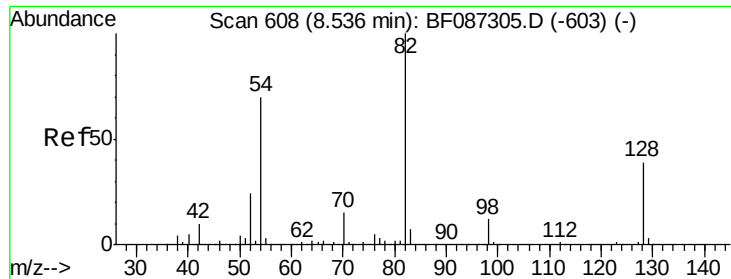
136 100

137 11.0 8.8 13.2

54 13.0 5.0 7.4#

68 6.1 4.4 6.6

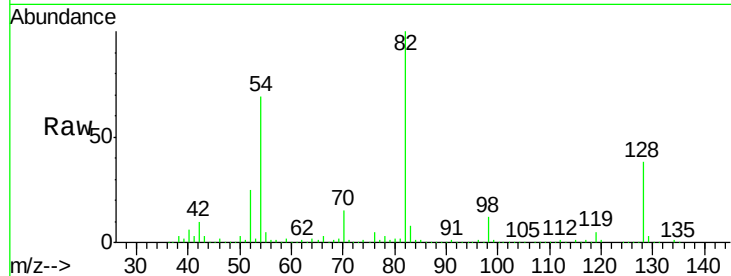




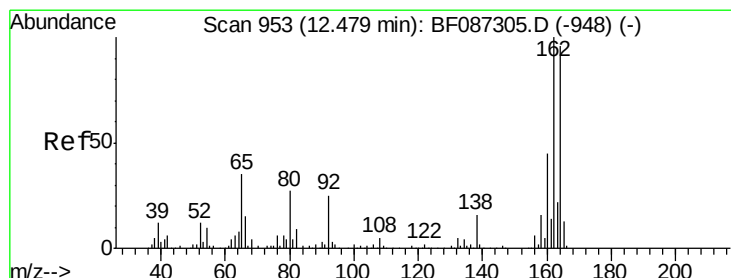
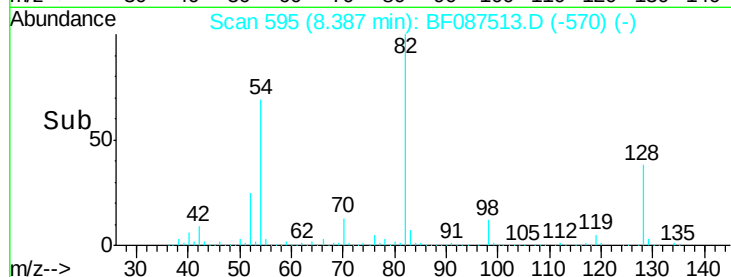
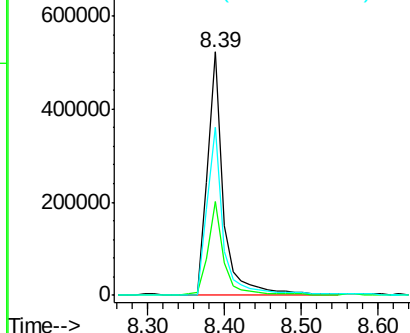
#23
 Nitrobenzene-d5
 Concen: 84.53 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087513.D
 Acq: 29 May 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tgt Ion: 82 Resp: 742524
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 69.2 38.1 57.1#

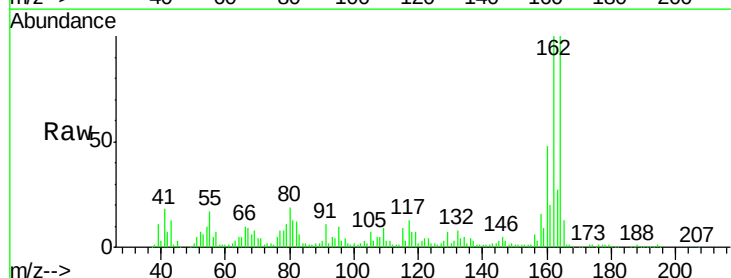


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

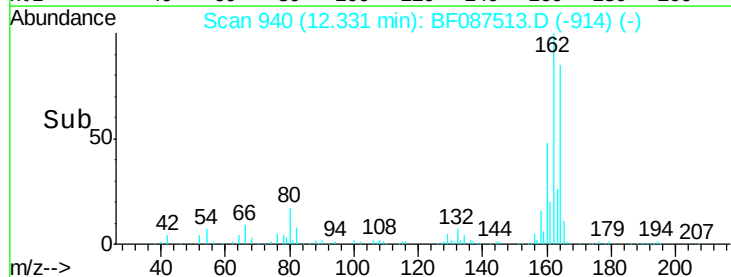
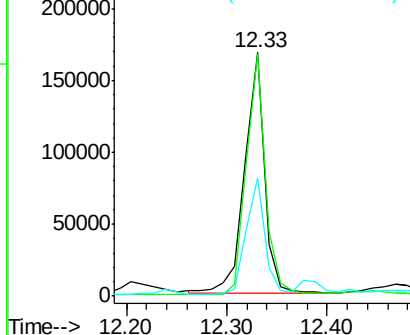


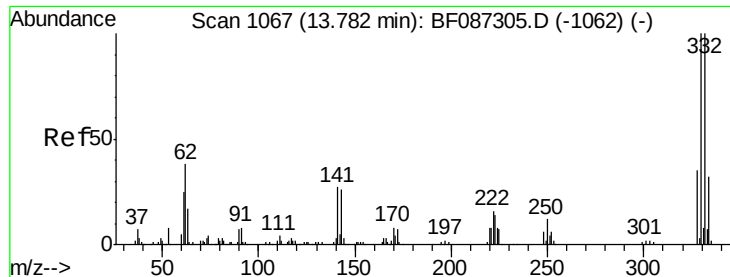
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087513.D
 Acq: 29 May 2016 10:34

Tgt Ion: 164 Resp: 230038
 Ion Ratio Lower Upper
 164 100
 162 99.6 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: 115.36 ng

RT: 13.65 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BF087513.D

Acq: 29 May 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MW-33

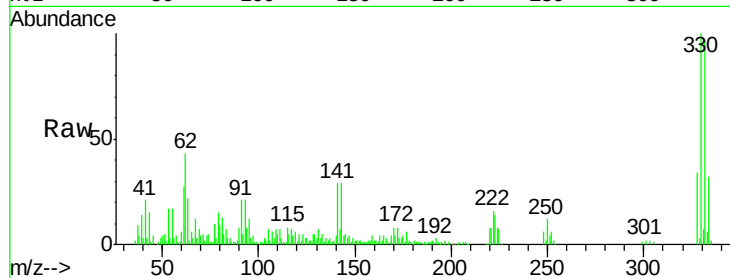
Tgt Ion:330 Resp: 255020

Ion Ratio Lower Upper

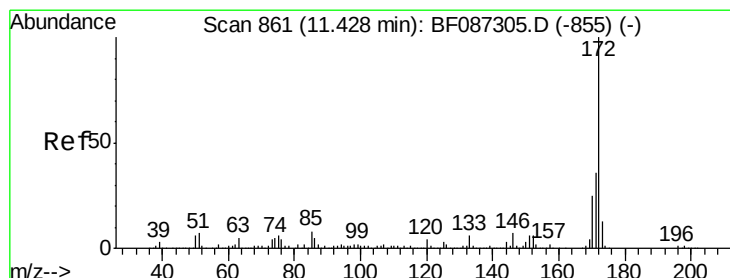
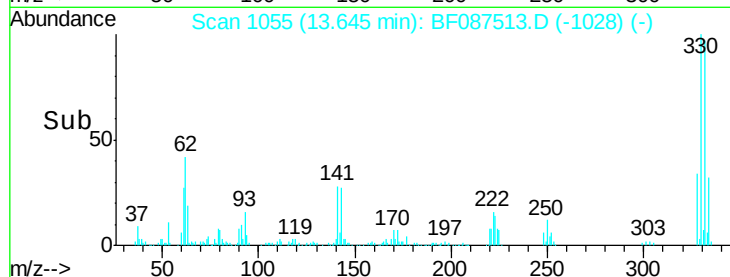
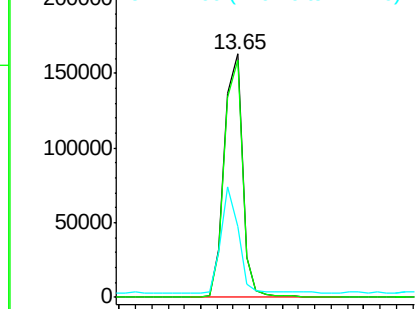
330 100

332 97.7 79.0 118.4

141 42.1 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: 70.57 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087513.D

Acq: 29 May 2016 10:34

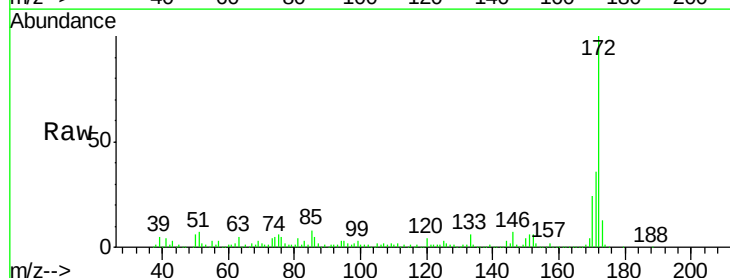
Tgt Ion:172 Resp: 1151437

Ion Ratio Lower Upper

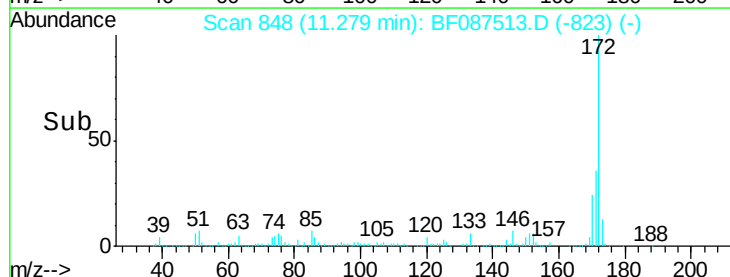
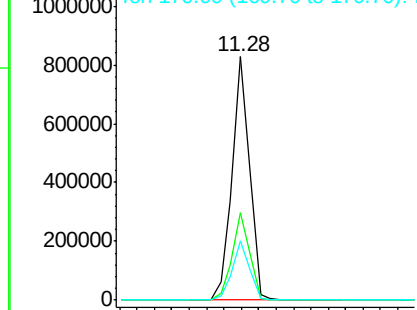
172 100

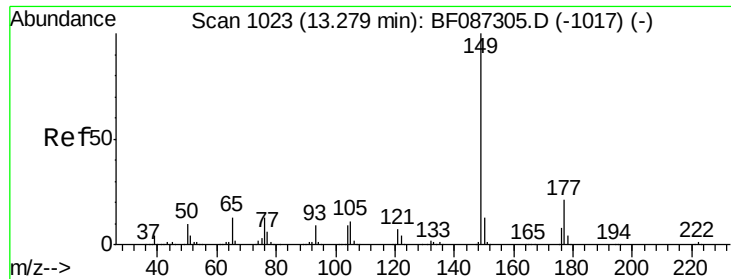
171 36.0 29.0 43.6

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

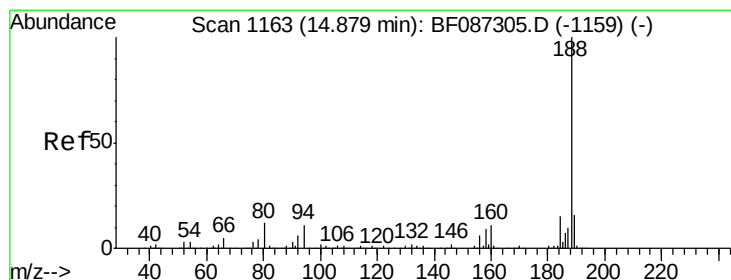
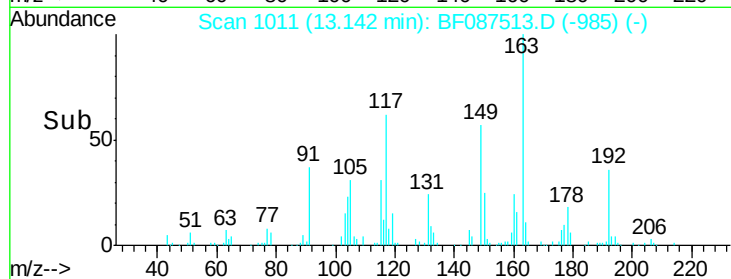
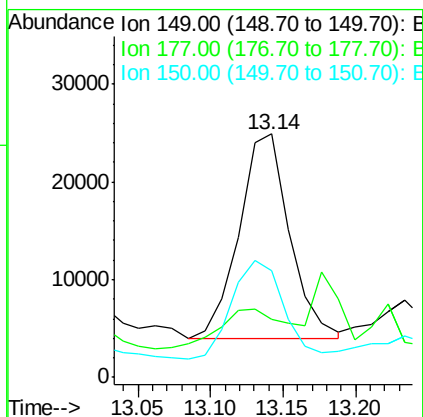
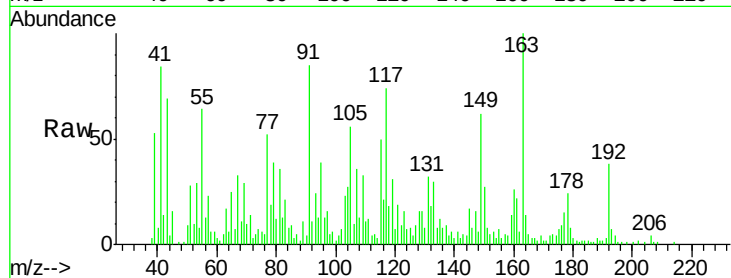




#59
Diethylphthalate
Concen: 2.80 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF087513.D
Acq: 29 May 2016 10:34

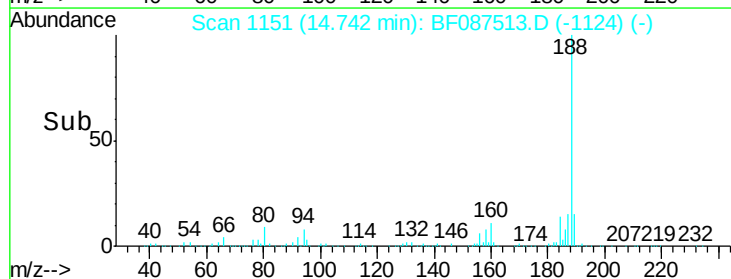
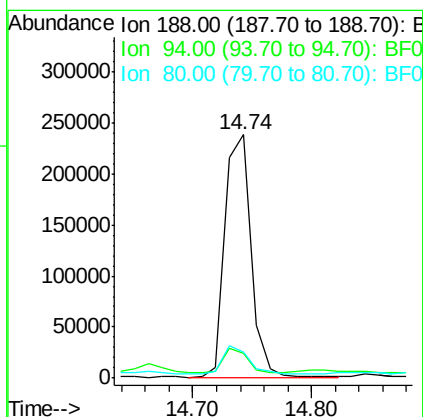
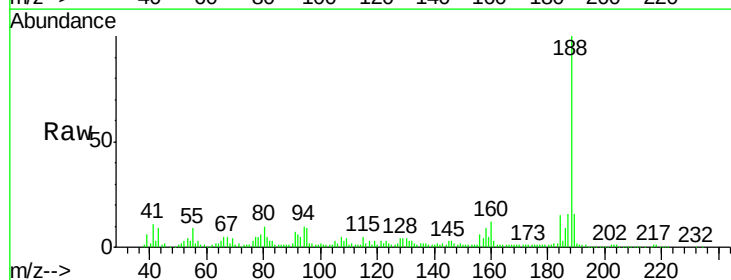
Instrument :
BNA_F
ClientSampleId :
MW-33

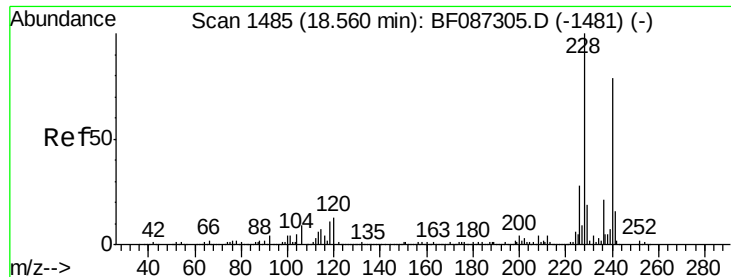
Tgt Ion:149 Resp: 50241
Ion Ratio Lower Upper
149 100
177 23.9 16.6 24.8
150 43.8 10.0 15.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF087513.D
Acq: 29 May 2016 10:34

Tgt Ion:188 Resp: 360106
Ion Ratio Lower Upper
188 100
94 10.0 6.8 10.2
80 10.4 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BF087513.D

Acq: 29 May 2016 10:34

Instrument :

BNA_F

ClientSampleId :

MW-33

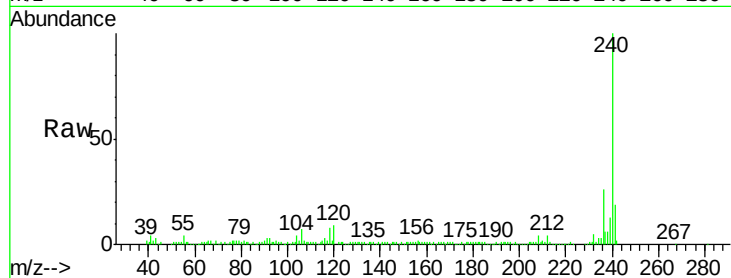
Tgt Ion:240 Resp: 256402

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

236 26.2 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

18.45

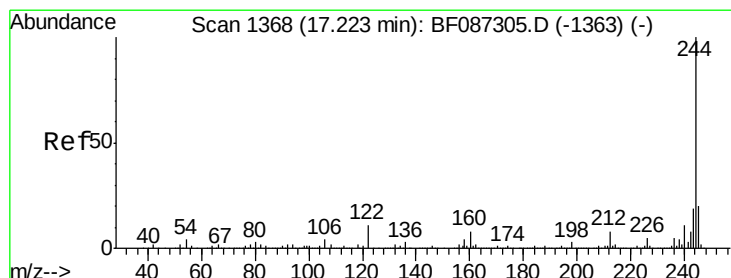
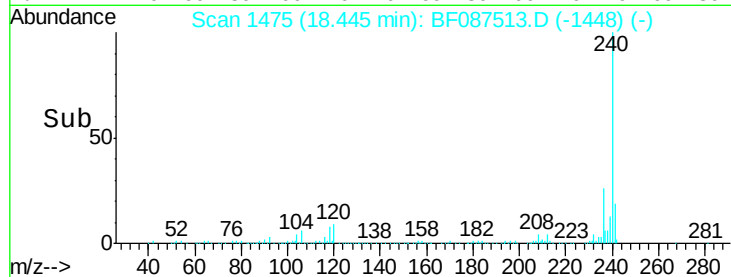
150000

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 73.04 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087513.D

Acq: 29 May 2016 10:34

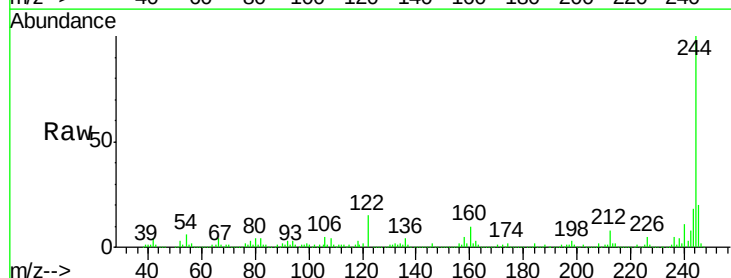
Tgt Ion:244 Resp: 880929

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

122 15.1 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

17.09

800000

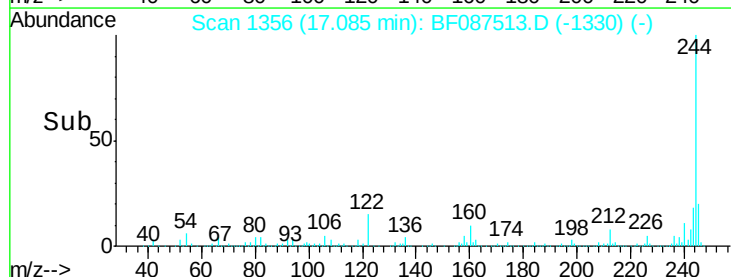
600000

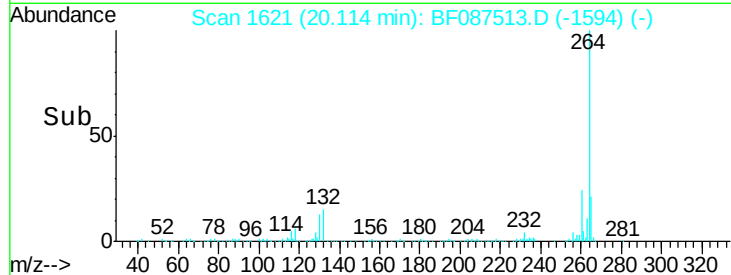
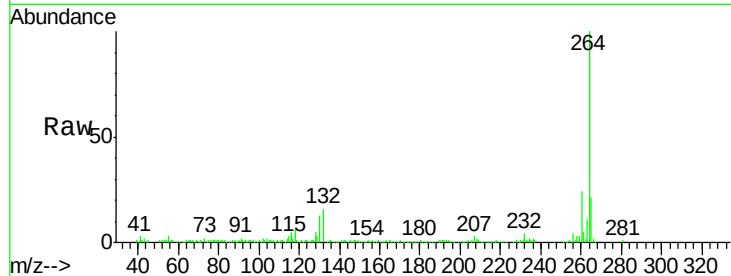
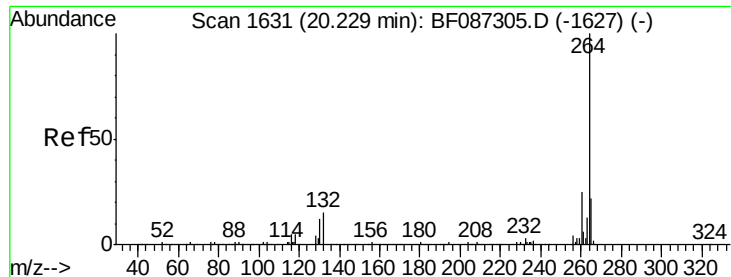
400000

200000

0

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF087513.D
Acq: 29 May 2016 10:34

Instrument :
BNA_F
ClientSampleId :
MW-33

Tgt Ion:	264	Resp:	210617
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.4	17.3	25.9

